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OF THE REPUBLIC OF CHINA

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INTRODUCTION

This yearbook mainly uses statistical tables to report the R.O.C. social-economic development in Taiwan-Fukien Area¹ for the period from 1972 to 2001.

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 1998 *Statistical Yearbook* of the United Nations and the R.O.C. 2002 *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 160 tables. The table numbers contained in each section are arranged as follows :

<i>Table</i>	1 - 7	Land and Climate
	8 - 20	Population and Housing
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¹Taiwan-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 1998 Statistical Yearbook of the
United Nations and 2002 Statistical Yearbook of the Republic of China**

Table Number UN	Table Number R.O.C.	Table Number UN	Table Number R.O.C.	Table Number UN	Table Number R.O.C.
1	not applicable	36	110	71	121
2	8	37	108	72	135
3	not applicable	38	108	73	136
4	not applicable	39	116	74	not applicable
5	not applicable	40	116	75	127
6	not applicable	41	116	76	139
7	not applicable	42	not applicable	77	not applicable
8	1, 8	43	not applicable	78	not applicable
9	38, 39, 40	44	116	79	not applicable
10	48	45	116	80	not applicable
11	46	46	116		
12	68	47	116		
13	67	48	116		
14	not applicable	49	not applicable		
15	131	50	116		
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25	25	60	129		
26	29	61	130		
27	30	62	117		
28	148, 149, 150, 153, 154	63	117		
29	151	64	1		
30	107	65	not applicable		
31	108	66	78		
32	108	67	not applicable		
33	108	68	57		
34	not applicable	69	119		
35	108	70	120		

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 377km long and 142km 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

km²

Year	Area ¹			Cultivated ² land area	Forest land area
	Total	Land area	Reclamation		
1972	36 160.50	36 139.95	20.23	8 986.03	22 244.72
1973	36 160.50	36 139.95	20.23	8 956.21	22 244.72
1974	36 160.50	36 139.95	20.55	9 174.84	22 244.72
1975	36 160.82	36 140.27	20.55	9 171.11	22 244.72
1976	36 160.82	36 140.27	20.55	9 196.80	22 244.72
1977	36 168.81	36 140.26	28.55	9 227.78	18 651.41
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

Note : ¹ Data included Taiwan-Fukien area.

² 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	Tanshui	Taipei	Hsinchu	Yilan	Taichung	Hwalien	Jihyueh Tan	Alisan	Kao- hsiung	Heng- chun
1972	21.6	22.0	22.1	21.8	21.8	22.7	22.7	18.8	10.3	24.0	24.8
1973	22.3	22.4	22.5	22.3	22.2	23.1	23.1	19.3	10.7	24.5	25.3
1974	21.9	22.0	22.2	22.0	22.0	22.7	22.8	19.1	10.6	24.1	25.2
1975	22.1	22.1	22.3	22.2	22.1	22.8	23.1	18.9	10.5	24.3	25.2
1976	21.7	21.9	22.1	21.7	21.8	22.4	22.9	18.8	10.0	24.0	24.9
1977	22.5	22.7	22.9	22.5	22.6	22.9	24.2	19.3	10.4	24.4	25.3
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

Table 3. Average relative humidity

%

Year	Keelung	Tanshui	Taipei	Hsinchu	Yilan	Taichung	Hwalien	Jihyueh Tan	Alisan	Kao- hsiung	Heng- chun
1972	83	82	81	83	85	81	82	87	89	83	80
1973	81	82	81	84	86	81	83	86	88	82	80
1974	83	83	81	85	87	83	83	85	80	83	80
1975	81	84	79	83	86	81	81	86	89	79	81
1976	81	81	75	83	85	77	79	83	88	79	78
1977	81	81	76	82	86	77	76	81	88	79	77
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

Table 4. Precipitation at station

mm

Year	Keelung	Tanshui	Taipei	Hsinchu	Yilan	Taichung	Hwalien	Jihyueh Tan	Alisan	Kao- hsiung	Heng- chun
1972	2 839	2 141	2 423	2 023	2 560	2 338	2 073	3 312	5 881	2 108	2 125
1973	3 465	1 804	1 795	1 633	2 603	1 489	2 199	2 217	3 783	1 929	2 505
1974	4 826	2 069	2 369	2 276	3 982	1 607	3 115	2 714	4 520	2 681	3 440
1975	3 437	2 536	2 410	2 335	2 226	1 690	2 101	2 767	4 720	3 000	2 070
1976	2 643	1 574	1 620	1 695	2 202	2 065	1 322	2 547	4 729	1 126	1 138
1977	3 664	2 239	2 487	1 851	2 322	1 074	1 941	2 646	5 167	2 794	2 074
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

Table 5. Number of days with precipitation

Year	Days										
	Keelung	Tanshui	Taipei	Hsinchu	Yilan	Taichung	Hwalien	Jihyueh Tan	Alisan	Kao- hsiung	Heng- chun
1972	201	158	157	146	202	130	198	162	195	104	159
1973	221	169	184	150	225	131	196	163	190	82	142
1974	220	161	192	144	233	137	208	183	216	106	157
1975	211	175	188	166	219	150	192	184	229	120	166
1976	191	139	144	133	203	92	160	125	170	65	130
1977	194	149	153	130	209	100	163	145	164	103	161
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

Table 6. Duration of sunshine

Hours

Year	Keelung	Tanshui	Taipei	Hsinchu	Yilan	Taichung	Hwalien	Jihyueh Tan	Alisan	Kao- hsiung	Heng- chun
1972	1328	1695	1582	1840	1466	2187	1521	1675	1620	1661	2397
1973	1172	1511	1463	1823	1248	2121	1484	1830	1629	2026	2446
1974	1112	1556	1476	1808	1244	2051	1380	1735	1529	1977	2350
1975	1130	1499	1460	1906	1294	2091	1528	1673	1511	2161	2375
1976	1202	1612	1562	1984	1332	2232	1569	1859	1791	2313	2579
1977	1330	1733	1680	2089	1570	2317	1722	1962	1818	2158	2519
1978	1174	1477	1480	1890	1413	2063	1471	1633	1528	1936	2451
1979	1282	1513	1548	1890	1515	2099	1592	1678	1720	1883	2433
1980	1260	1511	1464	1932	1453	2228	1643	1849	1812	2167	2701
1981	1250	1481	1415	1807	1322	2042	1394	1664	1747	2113	2528
1982	1320	1560	1476	1846	1376	2074	1398	1648	1707	2018	2311
1983	1269	1497	1356	1810	1431	2012	1579	1632	1617	2104	2378
1984	1206	1308	1253	1587	1321	2090	1430	1683	1629	2323	2308
1985	1154	1378	1292	1634	1325	2080	1428	1648	1497	2429	2198
1986	1288	1596	1425	1869	1299	2122	1413	1620	1676	2276	2294
1987	1323	1679	1387	1728	1388	2173	1467	1739	1744	2237	2372
1988	1174	1522	1311	1684	1268	2033	1274	1676	1809	2220	2361
1989	1175	1368	1353	1686	1292	2014	1410	1683	1747	2133	2251
1990	1119	1371	1387	1636	1176	1956	1294	1574	1562	1870	2076
1991	1177	1373	1343	1613	1337	2066	1465	1615	1602	2124	2236
1992	1007	1302	1311	1601	1234	1771	1406	1450	1428	1939	2225
1993	1188	1598	1463	1886	1436	2106	1500	1869	1624	2201	2259
1994	1300	1633	1452	1875	1382	2069	1534	1597	1521	2049	1816
1995	1157	1528	1365	2003	1255	2025	1464	1682	1577	2139	1978
1996	1344	1672	1559	2099	1418	2103	1562	1871	1620	2219	2387
1997	1267	1534	1362	1720	1387	2006	1388	1657	1477	1997	2088
1998	1117	1346	1187	1648	1345	1882	1472	1594	1471	2075	2254
1999	1100	1454	1139	1697	1356	1942	1430	1519	1396	1939	2104
2000	1248	1514	983	1725	1400	2114	1475	1574	1480	2016	2091
2001	1398	1597	1497	1848	1469	2169	1579	1543	1586	2231	2266

Table 7. Number of occurrence of perceptible earthquake

Numbers									
Year	Total	Taipei Area	Ilan Area	Taichung Area	Hwaiien Area	Chinan Area	Taitung Area	Kaoping Area	Others Area
1972	242	8	0	6	149	6	39	30	4
1973	166	9	0	12	114	5	20	4	2
1974	147	7	0	11	93	2	33	1	0
1975	137	13	0	3	84	13	21	3	0
1976	119	19	0	1	66	12	15	6	0
1977	126	12	0	69	11	27	6	1	0
1978	199	19	0	7	127	4	39	3	0
1979	140	14	0	4	58	14	46	4	0
1980	112	12	0	4	57	10	26	3	0
1981	134	12	0	4	66	6	41	3	2
1982	181	12	0	4	112	7	39	4	3
1983	118	10	0	6	46	8	44	4	0
1984	78	12	0	3	31	6	25	1	0
1985	118	22	0	7	51	8	30	0	0
1986	761	66	0	5	638	8	43	1	0
1987	141	8	0	2	89	10	29	1	2
1988	202	26	0	6	129	12	25	1	3
1989	60	3	0	6	27	5	19	0	0
1990	294	4	0	3	269	5	10	2	1
1991	403	13	0	10	214	131	30	5	0
1992	384	25	0	17	258	43	34	5	2
1993	409	31	0	19	193	112	30	21	3
1994	1 182	83	0	46	786	203	52	6	6
1995	1 048	63	0	19	583	208	164	8	3
1996	673	43	0	17	278	172	117	46	0
1997	656	49	0	27	377	103	87	13	0
1998	729	72	0	35	344	164	88	23	3
1999	2 892	3	44	1 233	652	660	99	201	0
2000	1 456	0	26	354	525	307	116	126	2
2001	906	0	24	117	303	170	86	206	0

Note : Central Weather Bureau adopted new equipments detecting earthquake vibration from 1991.
Before 1998, the figures of Taipei area include the data Ilan 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 2000 to 2051* 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 and the *Taiwan Provincial Housing and Urban Development Statistics* published by the Taiwan Provincial Housing and Urban Development Administration.

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 ²)	Natural increase rate (‰)
	Both sexes	Male	Female					
1972	15 289 048	8 037 411	7 251 637	1.96	110.8	5.50	424.9	19.43
1973	15 564 830	8 175 327	7 389 503	1.80	110.6	5.43	432.6	19.02
1974	15 852 224	8 314 967	7 537 257	1.85	110.3	5.36	440.6	18.66
1975	16 149 702	8 463 476	7 686 226	1.88	110.1	5.27	448.8	18.29
1976	16 508 190	8 641 041	7 867 149	2.22	109.8	5.19	458.8	21.24
1977	16 813 127	8 793 955	8 019 172	1.85	109.7	5.08	467.2	19.00
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	9 228 199	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

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

² Data includeded 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.)
1972	365 749	24.15	71 486	4.72	112 331	7.42	5 619	0.37
1973	366 942	23.78	73 476	4.76	122 135	7.92	5 934	0.38
1974	367 823	23.42	74 760	4.76	127 658	8.13	6 759	0.43
1975	367 647	22.98	75 061	4.69	151 437	9.46	7 567	0.47
1976	423 356	25.93	76 596	4.69	152 090	9.31	8 173	0.50
1977	395 796	23.76	79 366	4.76	154 483	9.27	9 242	0.55
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	12 698	0.72
1980	412 557	23.38	83 965	4.76	174 743	9.90	13 472	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	313 062	15.96	96 033	4.90	146 076	7.45	23 054	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

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

² 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 ¹ (Year)
	0-14	15-64	65 ⁺			
1972	37.9	59.0	3.1	71	8.3	19.9
1973	37.1	59.7	3.2	68	8.7	20.3
1974	36.2	60.5	3.4	66	9.3	20.7
1975	35.3	61.2	3.5	64	9.9	21.1
1976	34.7	61.7	3.6	63	10.5	21.5
1977	33.9	62.2	3.8	61	11.3	21.8
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	8.2	43	37.6	31.2
1999	21.4	70.1	8.5	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

Notes : ¹ Data were computed by estimated midyear population.

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

³ 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
1972	15 289 048	1 840 959	1 972 365	1 983 371	1 818 900	1 495 013	930 438	940 013	846 510	860 460
1973	15 564 830	1 820 971	1 945 210	2 003 018	1 855 290	1 592 101	975 201	951 494	856 006	849 144
1974	15 852 224	1 792 165	1 929 657	2 011 277	1 898 102	1 672 945	1 058 039	947 789	871 397	837 761
1975	16 149 702	1 782 997	1 916 351	2 005 506	1 918 721	1 751 609	1 187 680	913 396	893 274	830 523
1976	16 508 190	1 822 191	1 894 783	2 005 766	1 940 315	1 789 563	1 354 688	893 648	916 436	823 349
1977	16 813 127	1 855 221	1 882 250	1 967 677	1 979 695	1 815 514	1 477 004	913 375	925 053	830 488
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

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

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

³ Data includeded Taiwan-Fukien area beginning 1981.

by sex and age

Total											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100+
751 262	583 351	441 679	344 564	223 825	138 756	69 861				47 721	
786 008	611 573	351 376	364 023	235 064	142 662	76 352				49 337	
811 518	644 654	462 591	380 723	250 138	151 139	69 848				51 481	
832 024	675 564	485 053	392 702	262 351	161 298	86 442				54 211	
840 317	701 578	522 364	403 507	277 340	171 862	93 300				57 183	
837 854	726 740	552 070	407 149	301 318	181 563	99 516				60 640	
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

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
1972	8 037 411	949 064	1 014 459	1 019 156	931 096	765 728	477 897	480 545	440 103	501 748
1973	8 175 327	938 247	1 000 539	1 029 471	950 066	815 981	501 574	478 853	440 411	483 193
1974	8 314 967	923 073	992 079	1 033 668	971 169	855 627	543 413	485 934	444 961	464 268
1975	8 463 476	918 243	986 191	1 029 800	982 146	895 587	609 671	468 966	455 956	447 376
1976	8 641 041	938 540	974 835	1 029 586	993 773	915 460	694 444	459 016	467 720	433 626
1977	8 793 955	956 716	967 423	1 010 364	1 015 078	928 722	756 694	469 256	472 406	430 608
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

by sex and age (continued)

Male											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 ⁺
454 993	344 183	252 312	185 702	112 440	63 476	28 707					
475 876	362 276	258 645	198 571	118 163	66 387	31 719			15 802		
489 895	384 882	266 374	210 375	126 782	71 114	22 788			16 655		
498 620	404 899	280 725	219 205	133 852	76 826	36 558			17 565		
496 687	421 571	303 838	228 278	141 415	82 217	39 775			18 855		
									20 260		
486 042	438 711	322 805	228 756	158 064	87 658	43 050			21 602		
469 192	458 460	339 462	235 500	170 962	92 862	45 452			23 934		
452 579	474 044	359 047	243 124	181 435	100 632	48 975			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

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
1972	7 251 637	891 895	957 906	964 215	887 804	729 285	452 541	459 468	406 407	358 712
1973	7 389 503	882 724	944 671	973 547	905 224	776 420	473 627	463 641	415 595	365 951
1974	7 537 257	869 092	937 578	977 609	926 933	817 318	514 626	461 855	426 436	373 493
1975	7 686 226	864 754	930 160	975 706	936 575	856 022	578 009	444 430	437 318	383 147
1976	7 867 149	883 651	919 948	976 180	946 542	874 103	660 244	434 632	448 716	389 723
1977	8 019 172	898 505	914 827	957 313	964 617	886 792	720 310	444 119	452 647	399 880
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	847 199	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

by sex and age (continued)

Female											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 ⁺
296 269	239 168	189 367	158 862	111 385	75 280	41 154					31 919
310 132	249 297	192 731	165 452	116 901	76 275	44 633					32 682
321 623	259 772	196 217	170 348	123 356	80 025	47 060					33 916
333 404	270 665	204 328	173 497	128 499	84 472	49 884					35 356
343 630	280 007	218 526	175 229	135 925	89 645	53 525					36 923
351 812	288 029	229 265	178 393	143 254	93 905	56 466					39 038
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

Table 12. Population of age 15 years

End of Year	Male								
	Total	Single		Married		Widowed		Divorced	
		Number	%	Number	%	Number	%	Number	%
1972	5 054 732	2 171 968	43.0	2 720 958	53.8	121 605	2.4	40 201	0.8
1973	5 207 070	2 207 753	42.4	2 833 851	54.4	121 001	2.3	44 465	0.9
1974	5 366 147	2 298 203	42.8	2 895 283	54.0	124 982	2.3	47 679	0.9
1975	5 529 242	2 358 377	42.6	2 994 664	54.2	126 925	2.3	49 276	0.9
1976	5 698 080	2 421 418	42.5	3 093 564	54.3	129 747	2.3	53 351	0.9
1977	5 859 452	2 475 814	42.3	3 199 699	54.6	128 538	2.2	55 401	0.9
1978	6 021 470	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

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

² Data included Taiwan-Fukien area beginning 1981.

and over by sex and marital status

Female								
Total	Single		Married		Widowed		Divorced	
	Number	%	Number	%	Number	%	Number	%
4 437 621	1 384 876	31.2	2 678 489	60.4	342 538	7.7	31 718	0.7
4 588 561	1 411 612	30.8	2 798 377	61.0	341 228	7.4	37 344	0.8
4 752 978	1 487 604	31.3	2 872 587	60.4	353 800	7.5	38 987	0.8
4 915 606	1 541 960	31.4	2 977 494	60.6	355 105	7.2	41 047	0.8
5 087 370	1 591 348	31.3	3 087 761	60.7	364 443	7.2	43 818	0.9
5 248 527	1 635 045	31.1	3 194 888	60.9	371 067	7.1	47 527	0.9
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

Table 13. Population of cities

End of Year	Taipei Municipality	Kaohsiung Municipality	Keelung City	Hsinchu City	Taichung City	Chiayi City	Tainan City	Panchiao Shih	Sanchung Shih
1972	1 909 067	906 527	333 457	218 191	485 805	245 871	492 880	145 736	256 841
1973	1 958 396	940 336	337 533	222 413	507 780	247 154	503 549	173 398	262 831
1974	2 003 604	972 828	340 692	225 019	527 399	250 012	512 734	205 301	269 168
1975	2 043 318	998 919	341 383	225 998	546 838	250 997	523 568	241 952	275 155
1976	2 089 288	1 019 900	342 544	230 466	561 070	252 580	537 217	282 318	284 770
1977	2 127 625	1 041 364	342 168	233 459	570 661	252 972	546 990	314 848	292 909
1978	2 163 605	1 063 797	342 678	235 833	579 726	253 227	558 635	349 261	306 606
1979	2 196 237	1 172 977	345 392	237 677	585 205	253 302	572 590	377 523	317 936
1980	2 220 427	1 202 123	344 867	240 900	593 427	252 037	583 799	403 057	327 001
1981	2 270 983	1 227 454	347 828	243 218	607 238	251 840	594 739	422 260	334 726
1982	2 327 641	1 248 175	349 686	288 880	621 566	252 376	609 934	440 180	340 581
1983	2 388 374	1 261 743	351 707	292 740	636 406	252 906	622 073	454 948	342 980
1984	2 449 702	1 285 132	352 666	297 324	655 196	253 016	631 614	467 754	349 927
1985	2 507 620	1 302 849	351 524	304 010	674 936	253 573	639 888	479 748	353 957
1986	2 575 180	1 320 552	349 616	306 088	695 562	254 001	646 298	491 721	358 812
1987	2 637 100	1 342 797	348 541	309 899	715 107	254 875	656 927	506 220	362 171
1988	2 681 857	1 362 086	348 672	314 626	730 376	255 994	667 622	519 634	366 819
1989	2 702 678	1 374 231	350 283	319 197	746 780	256 165	675 685	531 065	370 957
1990	2 719 659	1 386 723	352 919	324 426	761 802	257 597	683 251	538 954	375 996
1991	2 717 992	1 396 425	355 894	328 911	774 197	258 468	689 541	542 942	378 397
1992	2 696 073	1 405 909	359 482	332 707	794 960	258 698	694 630	543 982	382 003
1993	2 653 245	1 405 349	363 037	335 460	816 601	258 599	700 470	544 067	383 943
1994	2 653 578	1 416 248	364 520	338 140	832 653	260 368	702 658	539 115	382 880
1995	2 632 863	1 426 035	368 771	340 255	853 221	261 391	706 811	530 003	380 099
1996	2 605 374	1 433 621	374 199	345 954	876 384	262 860	710 954	524 323	377 498
1997	2 598 493	1 436 142	379 370	351 800	901 961	262 822	717 811	519 459	378 502
1998	2 639 939	1 462 302	382 118	356 243	917 788	263 050	721 832	520 286	378 671
1999	2 641 312	1 475 505	385 201	361 958	940 589	265 109	728 060	523 850	380 084
2000	2 646 474	1 490 560	388 425	368 439	965 790	266 183	734 650	529 059	382 266
2001	2 633 802	1 494 457	390 966	373 296	983 694	267 993	740 846	532 694	384 051

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

over 100 000 inhabitants

Yunggho Shih	Chunggho Shih	Hsinchuang Shih	Hsintien Shih	Tucheng Shih	Shulin Shih	Tanshui Chen	Hsichuh Shih	Luchou Shih	Taoyuan Shih
103 166	89 095	59 596	104 149	...	...	...	...	...	120 416
114 658	99 755	64 089	113 870	33 989	...	...	...	...	129 225
127 384	115 681	75 549	123 442	35 045	...	...	...	...	137 285
138 399	130 835	86 443	130 858	36 058	55 238	54 814	54 059	31 825	148 458
150 143	153 100	104 971	141 959	38 121	58 676	57 060	55 736	34 247	155 934
162 731	175 778	124 609	145 809	40 297	62 610	59 187	57 288	36 675	163 404
178 399	206 243	142 659	152 915	44 022	66 663	60 957	58 157	39 926	170 871
192 729	235 612	159 170	160 553	48 919	70 498	63 136	60 359	42 755	175 961
205 313	261 684	178 019	166 423	54 737	73 187	64 824	65 276	46 256	179 214
213 787	279 664	191 073	171 315	60 398	77 378	66 589	66 589	48 568	185 257
221 298	294 621	202 211	178 173	69 484	81 453	68 484	72 002	52 894	190 535
226 937	304 430	213 235	184 126	76 565	85 496	70 083	73 130	56 795	195 895
230 057	315 857	222 894	187 637	84 555	89 389	71 549	75 908	60 878	200 829
232 519	324 930	232 438	190 579	93 477	92 414	72 881	77 069	65 757	204 700
238 677	334 663	243 706	198 125	102 973	95 557	74 249	79 293	71 042	210 753
242 252	343 389	259 001	205 094	110 796	89 757	76 060	81 015	78 074	220 255
245 908	355 400	275 936	210 942	120 282	102 883	78 237	85 001	88 428	228 404
247 939	365 225	287 645	216 757	129 424	106 951	80 094	90 198	97 874	235 521
249 736	374 339	299 174	225 517	136 928	111 993	82 986	93 305	104 972	241 263
247 473	379 968	308 293	233 277	142 348	115 581	85 980	97 261	112 560	246 056
246 355	383 516	314 980	240 558	148 111	120 115	88 127	102 041	119 354	251 520
245 743	387 264	321 970	245 897	155 814	124 857	91 642	108 489	125 890	256 612
241 104	387 123	328 758	248 822	171 629	129 220	94 293	112 396	131 956	260 680
233 082	386 347	339 143	250 559	188 170	135 322	97 254	118 939	138 727	271 536
230 734	383 715	346 132	254 078	202 436	140 110	101 199	127 924	146 144	283 861
228 909	385 912	353 878	259 166	213 169	144 566	105 780	141 470	152 384	294 974
227 673	388 174	359 367	261 024	219 793	147 071	108 467	147 507	155 843	304 857
227 700	392 176	365 048	263 603	224 897	151 260	111 882	154 976	160 516	316 438
228 099	398 123	372 175	268 290	230 208	154 158	116 107	161 550	165 595	328 754
229 383	401 619	376 584	272 500	231 938	156 159	119 533	165 143	169 316	338 361

Table 13. Population of cities

End of Year	Chungli Shih	Pingchen Shih	Pate Shih	Yangmei Chen	Kueishan Hsiang	Lungtan Hsiang	Fengyuan Shih	Tali Shih	Tai ping Shih
1972	142 102	50 256	31 401	...	...	...	106 066	...	...
1973	150 178	52 883	35 469	...	...	...	109 454	39 155	...
1974	157 679	58 072	42 906	...	...	...	111 476	41 362	...
1975	163 681	62 413	47 633	75 409	54 472	...	113 818	45 054	37 402
1976	171 734	67 611	53 338	76 198	58 457	48 593	117 984	48 879	40 650
1977	180 689	74 374	59 495	76 984	61 286	49 781	121 491	53 908	44 691
1978	190 430	81 144	67 061	77 932	64 487	51 497	124 192	59 749	50 380
1979	199 428	88 967	79 044	78 447	66 713	55 069	125 570	65 694	60 023
1980	207 712	96 172	98 618	80 267	70 305	58 542	126 658	73 173	69 658
1981	215 414	102 899	95 934	82 341	74 779	61 312	128 944	77 908	75 957
1982	221 962	110 071	102 061	84 327	78 104	64 335	131 955	82 812	80 605
1983	228 567	115 674	106 945	86 026	80 228	66 627	134 610	87 090	85 275
1984	233 392	121 585	111 338	87 079	83 701	69 328	137 084	92 089	90 568
1985	237 271	126 348	113 886	88 720	85 392	71 097	139 747	96 740	95 224
1986	241 476	130 386	117 487	89 763	86 022	72 498	142 552	101 136	99 672
1987	247 639	134 925	121 514	90 717	86 897	74 068	144 434	107 308	104 797
1988	254 771	138 720	125 273	92 403	87 865	75 851	147 372	114 430	110 199
1989	262 653	142 924	129 247	93 853	90 185	78 020	149 506	118 643	114 021
1990	269 804	147 030	133 720	96 492	93 886	80 335	151 642	124 422	118 429
1991	276 878	150 703	135 897	98 943	95 756	82 698	154 175	132 039	122 923
1992	282 643	154 585	137 953	101 247	98 134	84 572	155 959	138 498	129 182
1993	289 054	158 621	142 822	103 216	99 438	86 389	156 906	152 261	135 103
1994	295 825	163 549	152 821	105 696	99 102	88 249	157 548	156 040	143 015
1995	301 287	170 038	148 899	108 249	103 481	90 366	158 315	159 896	148 810
1996	306 473	175 363	151 759	113 606	106 052	93 716	158 847	163 336	153 693
1997	310 723	179 830	154 412	118 958	108 866	97 343	159 580	165 902	158 145
1998	314 017	183 905	158 133	122 950	110 352	100 280	160 256	169 239	162 615
1999	318 649	188 344	161 700	126 323	112 195	103 088	161 032	171 940	165 524
2000	324 931	191 948	164 933	129 419	114 391	105 723	161 104	174 930	166 923
2001	329 913	194 521	166 355	131 694	115 466	107 055	161 589	176 860	167 907

over 100 000 inhabitants (continued)

Changhwa Shih	Yuanlin Chen	Nantou Shih	Touliu Shih	Yung kang Shih	Fengshan Shih	Taliao Hsiang	Pingtung Shih	Taitung Shih	Hualien Shih
144 970	84 414	...	76 270	...	121 010	...	168 767	78 226	94 655
148 766	86 255	...	76 905	53 686	136 120	...	170 548	78 831	96 175
152 968	89 144	...	77 097	59 150	152 516	...	172 997	108 803	99 416
162 408	94 213	77 803	78 483	66 042	170 350	72 031	179 052	112 010	102 464
166 612	96 285	78 532	79 021	67 763	177 982	74 469	182 114	111 647	101 010
171 754	98 511	79 590	79 795	69 998	188 482	77 164	183 304	111 192	100 641
176 687	100 611	81 474	80 592	71 899	204 865	78 838	185 142	111 018	101 470
185 816	104 436	85 273	83 207	81 854	227 310	82 044	189 347	110 721	103 625
190 315	106 104	86 919	85 375	86 536	240 625	83 208	192 232	111 312	104 013
193 789	108 126	88 491	86 350	90 927	255 268	83 949	195 288	110 702	103 994
198 195	110 201	90 501	87 456	97 024	259 781	85 363	198 237	110 747	103 795
203 541	114 667	92 231	88 142	107 982	271 738	86 729	202 079	110 461	106 265
206 603	116 936	92 950	88 598	114 904	276 259	87 186	204 990	109 358	106 658
209 179	118 775	94 241	88 780	122 983	282 352	88 528	206 991	108 258	107 255
212 311	120 202	95 403	89 138	129 180	285 853	90 528	207 970	108 127	106 921
217 328	122 635	98 634	91 030	141 479	293 522	96 336	212 335	108 086	107 504
219 536	122 989	100 015	92 042	147 272	294 471	101 218	213 309	108 353	107 090
221 090	123 121	101 015	93 016	155 745	298 059	105 888	214 304	108 606	107 441
222 722	124 400	102 051	94 356	166 359	301 374	107 483	214 728	109 189	107 824
224 066	125 905	103 326	96 805	179 214	309 062	112 526	214 627	110 921	108 414
225 006	126 047	104 152	97 826	184 740	315 488	114 932	214 628	111 646	109 095
226 151	126 371	104 777	98 896	189 631	316 350	115 150	214 313	111 060	108 777
227 715	126 402	104 723	99 680	193 005	318 562	115 897	214 727	111 039	108 407
229 915	126 528	104 460	101 019	197 194	321 707	115 692	215 282	110 941	107 815
231 129	126 800	104 563	101 690	198 372	322 678	115 396	215 245	110 894	108 103

**Table 14. Population in localities over 100 000 and between
20 000 and 100 000 inhabitants**

End of Year	Total Population	Localities of 100 000 & more inhabitants		Localities of 20 000 - 100 000 inhabitants	
		Aggregate	%	Aggregate	%
1972	15 289 048	6 055 021	39.3	7 141 451	46.7
1973	15 564 830	6 441 356	41.4	8 177 887	52.5
1974	15 852 224	6 778 464	42.8	8 204 503	51.8
1975	16 149 702	7 094 900	43.9	8 211 307	50.8
1976	16 508 190	7 322 262	44.4	8 096 064	49.0
1977	16 813 127	7 536 872	44.8	8 212 631	48.8
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	11 403 827	55.3	7 934 197	38.5
1992	20 802 622	11 909 314	57.2	7 622 029	36.6
1993	20 995 416	12 006 559	57.2	7 770 097	37.0
1994	21 177 874	12 132 472	57.3	7 824 824	36.9
1995	21 357 431	12 333 448	57.7	7 804 843	36.5
1996	21 525 433	12 544 690	58.3	7 806 928	36.3
1997	21 742 815	12 688 718	58.4	7 830 127	36.0
1998	21 928 591	12 956 332	59.1	7 765 853	35.4
1999	22 092 387	13 099 436	59.3	7 796 721	35.3
2000	22 276 672	13 359 760	60.0	7 811 166	35.1
2001	22 405 568	13 551 660	60.5	7 674 379	34.3

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

² Data includeded Taiwan-Fukien area beginning 1981.

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		
1972	104	3 365	35	208	257	117	41	13	2	1 634.0	1 566.3
1973	101	3 210	33	203	250	105	37	12	2	1 551.7	1 488.7
1974	97	3 045	34	197	235	96	35	10	2	1 475.6	1 413.4
1975	94	2 830	37	194	215	83	27	8	2	1 373.1	1 361.0
1976	105	3 075	38	213	240	87	28	8	1	1 494.4	1 439.4
1977	95	2 700	37	194	206	73	23	6	1	1 308.0	1 259.3
1978	96	2 710	36	194	213	73	20	5	1	1 306.7	1 259.2
1979	96	2 660	35	194	209	72	18	4	0	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

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

² The rates are in per thousand of the estimated midyear population.

³ Data included Taiwan-Fukien area beginning 1981 except data on Gross reproduction rate and Net reproduction rate from 1983.

Table 16. Death rates

Year												
	Standard- ized death rate	All ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1972	...	4.72	16.40	1.98	0.56	0.50	0.93	1.31	1.58	1.98	2.59	3.67
1973	...	4.76	16.21	1.93	0.55	0.54	0.93	1.26	1.50	1.87	2.73	3.74
1974	...	4.76	14.08	1.96	0.61	0.51	0.95	1.28	1.47	1.85	2.48	3.60
1975	...	4.69	13.86	1.75	0.51	0.50	1.00	1.30	1.47	1.81	2.61	3.66
1976	...	4.69	12.88	1.63	0.48	0.44	0.97	1.28	1.34	1.73	2.38	3.58
1977	...	4.77	12.40	1.46	0.52	0.46	0.96	1.29	1.38	1.65	2.31	3.57
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	4.84	4.76	11.02	1.34	0.46	0.40	1.02	1.27	1.26	1.56	2.28	3.23
1981	4.80	4.85	10.06	1.29	0.46	0.45	0.95	1.24	1.33	1.56	2.20	3.18
1982	4.62	4.76	9.03	1.20	0.44	0.40	0.92	1.16	1.25	1.50	2.18	3.17
1983	4.62	4.89	8.34	1.07	0.44	0.41	0.91	1.13	1.29	1.43	2.08	3.04
1984	4.39	4.75	7.56	0.97	0.43	0.36	0.82	1.09	1.20	1.44	2.10	3.09
1985	4.32	4.81	7.38	0.98	0.40	0.38	0.80	1.09	1.18	1.42	1.98	2.91
1986	4.28	4.90	6.64	0.91	0.41	0.35	0.93	1.12	1.18	1.41	1.92	2.88
1987	4.19	4.93	5.62	0.82	0.41	0.38	1.09	1.12	1.19	1.39	1.92	2.87
1988	4.26	5.16	6.24	0.81	0.38	0.39	1.11	1.15	1.27	1.45	1.98	2.81
1989	4.17	5.17	6.07	0.81	0.37	0.40	1.10	1.13	1.31	1.55	1.98	2.92
1990	4.08	5.21	5.91	0.77	0.35	0.37	0.99	1.07	1.26	1.49	2.04	2.84
1991	3.93	5.17	5.39	0.74	0.33	0.34	0.91	1.08	1.24	1.46	1.97	2.68
1992	3.92	5.33	5.63	0.70	0.32	0.34	0.91	1.01	1.19	1.46	1.90	2.72
1993	3.81	5.32	5.33	0.67	0.31	0.36	0.97	1.05	1.23	1.47	1.93	2.77
1994	3.76	5.40	5.66	0.61	0.29	0.32	0.96	1.02	1.16	1.47	1.96	2.80
1995	3.81	5.63	7.40	0.58	0.28	0.34	0.89	1.08	1.15	1.43	1.97	2.71
1996	3.76	5.69	7.49	0.59	0.27	0.30	0.87	0.95	1.11	1.47	1.94	2.74
1997	3.58	5.59	7.12	0.59	0.24	0.27	0.80	0.82	1.09	1.41	1.97	2.73
1998	3.51	5.66	7.07	0.59	0.24	0.28	0.74	0.86	0.99	1.35	1.96	2.73
1999	3.48	5.75	7.23	0.58	0.30	0.32	0.72	0.81	0.99	1.35	1.92	2.68
2000	3.32	5.68	6.99	0.47	0.20	0.22	0.66	0.80	0.92	1.29	1.81	2.65
2001	3.25	5.72	6.33	0.46	0.20	0.21	0.60	0.73	0.85	1.22	1.81	2.56

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

² Standardized death rate is based on 1981 midyear population age structure.

³ Data includeded Taiwan-Fukien area beginning 1981.

by age and sex

‰

both sexes								
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
5.34	8.15	12.88	19.94	34.22	53.01	83.18	165.05	
5.22	8.18	12.96	19.10	33.49	53.52	84.77	163.16	
5.20	7.72	12.66	18.61	32.39	52.66	85.20	168.20	
5.21	7.50	12.74	15.54	30.37	50.58	81.56	172.62	
5.14	7.50	11.79	17.23	28.11	50.45	83.39	135.70	247.81
5.15	7.80	12.01	19.10	24.08	50.81	81.72	136.09	251.85
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

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
1972	5.27	17.27	2.14	0.68	0.59	1.15	1.68	2.01	2.48	3.21	4.32
1973	5.37	17.16	2.01	0.67	0.66	1.14	1.62	1.95	2.44	3.39	4.52
1974	5.40	15.15	2.10	0.74	0.66	1.24	1.71	1.95	2.34	3.12	4.28
1975	5.36	15.01	1.91	0.62	0.61	1.33	1.76	1.98	2.34	3.31	4.48
1976	5.38	13.80	1.76	0.58	0.54	1.31	1.69	1.80	2.23	3.08	4.50
1977	5.50	13.42	1.54	0.63	0.58	1.30	1.76	1.87	2.18	3.03	4.53
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

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+
6.19	9.67	15.50	24.04	40.70	65.11	98.00	181.39	
6.01	9.64	15.64	23.28	40.78	64.08	100.72	180.23	
6.02	9.59	15.04	22.13	39.51	63.21	101.54	191.01	
6.18	8.99	15.30	18.70	37.79	59.78	98.02	191.55	
6.11	8.76	14.01	20.98	34.64	61.71	98.78	160.32	272.40
6.26	9.02	14.22	22.87	29.32	61.59	98.13	157.44	285.56
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

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
1972	4.11	15.47	1.82	0.43	0.41	0.69	0.93	1.13	1.46	1.90	2.74
1973	4.09	15.19	1.85	0.42	0.41	0.70	0.88	10.30	1.27	2.02	2.68
1974	4.05	12.93	1.82	0.47	0.35	0.64	0.83	0.97	1.32	1.80	2.73
1975	3.95	12.63	1.58	0.40	0.39	0.66	0.82	0.94	1.26	1.88	2.66
1976	3.93	11.89	1.49	0.38	0.33	0.60	0.85	0.85	1.20	1.65	2.53
1977	3.96	11.31	1.39	0.41	0.33	0.60	0.79	0.88	1.10	1.56	2.56
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

by age and sex (continued)

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Female									
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	
4.06	5.97	9.36	15.27	27.73	42.91	72.88	157.06		
4.02	6.07	9.36	14.15	26.13	44.47	73.53	154.58		
3.93	5.99	9.46	14.32	25.14	43.38	73.53	156.49		
3.76	5.98	9.24	11.59	22.70	42.30	69.61	156.89		
3.70	5.77	8.72	12.41	21.31	40.17	72.02	120.92	237.32	
3.58	5.95	8.93	14.23	18.46	40.84	69.35	123.06	237.16	
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	9.18	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	

Table 17. Life expectation

Year	Male								
	0	10	20	30	40	50	60	70	80
1972	67.56	59.49	49.96	40.79	31.82	23.23	15.60	9.46	5.18
1973	67.57	59.45	49.93	40.73	31.78	23.20	15.57	9.35	4.97
1974	67.80	59.62	50.13	40.96	31.94	23.34	15.67	9.31	4.83
1975	68.27	59.92	50.44	41.30	32.32	23.79	16.10	9.49	4.83
1976	68.70	60.20	50.70	41.49	32.47	23.91	16.13	9.49	4.94
1977	68.69	60.14	50.65	41.49	32.44	23.93	16.20	9.48	4.89
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	42.08	33.00	24.45	16.70	10.37	5.77
1980	69.56	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	69.86	60.97	51.45	42.23	33.15	24.63	16.81	10.22	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	8.86
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	71.89	62.69	53.13	43.84	34.79	26.19	18.41	11.57	6.24
1997	71.93	62.69	53.08	43.74	34.69	26.07	18.21	11.38	6.56
1998	72.20	63.02	53.41	44.06	34.99	26.38	18.47	11.78	6.47
1999	72.46	63.28	53.66	44.27	35.19	26.57	18.65	11.88	7.04
2000	72.67	63.40	53.73	44.32	35.20	26.58	18.61	11.88	7.15
2001	72.80	...	...	...	...	...	...	...	...

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

²Data includeded Taiwan-Fukien area beginning 1992.

Table 18. Live births by age of mother

Year	By age of Mother					
	Total	15-	15-19	20-24	25-29	30-34
1972	365 749	30 493		145 300	114 596	53 474
1973	366 942	29 819		152 429	115 838	48 670
1974	367 823	31 004		157 249	116 017	44 442
1975	367 647	779	33 505	162 642	117 349	37 688
1976	423 356	597	35 652	184 078	148 933	38 357
1977	395 796	371	34 692	171 716	143 133	32 591
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

Notes : ¹ All figures were based on registration.

² The total of live births include unknown age of mother for 1971 to 1974.

³ Data includeded Taiwan-Fukien area beginning 1992.

and number of births

(persons)				Number of births (%)		
35-39	40-44	45-49	50+	Legitimae	Illegitimate	Abandoned
16 607	4 468	670		-	-	-
15 358	4 175	533		-	-	-
14 674	3 804	532		-	-	-
11 847	3 161	335	341	98.29	1.69	0.03
12 410	2 902	284	143	98.59	1.39	0.03
10 584	2 437	199	73	98.26	1.71	0.03
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

Table 19. Household appliances

End of Year	Color T. V. set	Refrigerator	Air conditioner	Washing machine	Exhaust Fan	Geysers
1971	-	-	-	-	-	-
1972	-	-	-	-	-	-
1973	-	-	-	-	-	-
1974	-	-	-	-	-	-
1975	-	-	-	-	-	-
1976	23.5	74.2	3.6	38.6	-	-
1977	34.7	81.3	5.3	47.2	-	35.1
1978	46.6	86.4	8.7	54.0	-	41.1
1979	58.6	89.6	11.7	60.1	-	43.5
1980	69.3	92.3	14.4	64.7	-	50.8
1981	77.9	94.0	16.4	68.9	-	53.9
1982	83.1	94.3	17.2	70.5	52.5	56.1
1983	87.8	95.4	19.7	73.7	57.9	60.5
1984	90.4	96.1	22.9	75.5	62.2	65.0
1985	92.3	96.7	24.0	77.8	65.7	68.1
1986	94.4	97.1	25.5	79.5	68.5	72.2
1987	95.8	97.4	28.7	81.3	72.3	76.5
1988	97.3	97.9	34.3	84.0	75.5	80.5
1989	97.8	98.3	41.7	86.8	78.6	83.5
1990	98.3	98.4	47.3	88.8	81.4	87.1
1991	99.2	99.0	52.4	89.5	84.2	90.8
1992	99.3	98.9	56.1	90.4	85.5	91.8
1993	99.3	99.1	60.7	91.5	87.0	93.1
1994	99.4	99.1	64.0	92.3	87.6	93.9
1995	99.3	99.2	67.1	92.8	89.3	94.4
1996	99.3	-	71.7	93.0	90.2	91.0
1997	99.5	-	73.8	94.0	92.1	92.4
1998	99.2	-	76.2	93.9	92.2	92.3
1999	99.3	-	78.9	94.7	-	93.7
2000	99.5	-	79.5	95.4	-	94.5

saturation

%

Video Tape Recorder	Movies Camera	Telephone	Automobile	Motorcycle	Personal computer
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	12.9	-	40.3	-
-	-	15.8	-	43.4	-
-	-	22.1	1.5	44.8	-
-	-	27.8	2.1	50.3	-
-	-	35.5	2.8	54.7	-
1.1	1.0	41.1	4.1	58.8	-
1.5	1.6	51.1	5.1	63.5	-
3.8	1.2	60.9	6.4	67.2	-
5.8	1.1	67.7	7.2	68.5	-
9.1	0.8	74.4	9.3	70.3	1.5
14.2	0.7	79.6	10.4	70.6	1.9
20.7	0.7	82.1	11.9	71.9	2.3
27.1	0.8	85.3	13.6	72.8	2.9
37.7	0.8	87.2	15.5	73.8	3.6
51.0	1.1	89.1	19.2	75.3	4.0
58.9	1.5	91.5	24.9	76.8	5.4
63.6	2.3	93.1	29.1	77.5	6.8
68.9	3.2	94.8	33.7	79.2	9.6
71.2	4.4	95.1	38.9	78.5	11.8
69.2	4.7	96.0	41.1	79.5	13.6
66.4	5.9	96.5	45.5	80.8	15.3
62.2	6.0	96.7	48.0	79.9	18.5
58.6	7.2	97.5	51.2	80.8	22.6
57.1	8.2	97.5	53.8	80.2	28.4
55.2	8.0	97.6	54.5	80.0	32.3
50.7	8.8	98.0	54.3	79.2	38.9
46.7	8.6	98.0	55.6	79.4	46.5

Table 20. Population projections (2002-2051)

Year	Population (Thousand persons)			Age-specific distribution (%)			Dependency ratio (%)	
	Both sexes	Male	Female	0-14	15-64	65+	Young	Old
2002	22 486	11 469	11 018	20.5	70.5	9.0	29.1	12.7
2003	22 618	11 523	11 095	20.1	70.8	9.2	28.3	12.9
2004	22 746	11 575	11 172	19.7	70.9	9.4	27.8	13.2
2005	22 873	11 625	11 247	19.3	71.1	9.6	27.2	13.5
2006	22 996	11 675	11 322	19.0	71.3	9.8	26.6	13.7
2007	23 116	11 721	11 394	18.6	71.4	10.0	26.1	14.0
2008	23 232	11 766	11 465	18.2	71.6	10.2	25.5	14.2
2009	23 342	11 808	11 534	17.9	71.8	10.3	24.9	14.3
2010	23 448	11 848	11 600	17.5	72.1	10.3	24.3	14.3
2011	23 547	11 884	11 663	17.2	72.4	10.4	23.7	14.4
2016	23 979	12 033	11 946	16.0	71.4	12.5	22.5	17.6
2021	24 314	12 138	12 176	15.4	68.7	15.9	22.4	23.1
2026	24 481	12 161	12 320	14.8	65.9	19.3	22.4	29.3
2031	24 400	12 061	12 339	14.1	63.3	22.6	22.3	35.7
2036	24 070	11 836	12 234	13.5	61.5	25.0	21.9	40.7
2041	23 517	11 507	12 009	13.0	60.1	26.8	21.7	44.6
2046	22 774	11 103	11 671	12.9	58.3	28.8	22.2	49.5
2051	21 907	10 656	11 250	13.0	57.3	29.8	22.7	52.0

Note : ¹ Data are based on the population at the end of year, and adopted medium projection.

² Data are only for Taiwan area.

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 fifth 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) there drafted for military service with partial pay, without participating in operation for the entire month, (4) contracted workers outside the factories and paid by piece of work.

Earnings of Employees -- The earnings of an employee are composed of the following three categories: (1) Regular earnings: It refers to regular rewards paid to employees every month. Included in the regular earnings are basic pay, regular allowance and awards such as housing allowance, transportation allowance, free meals, free water and electricity, regularly (production, good job-rating, good sales, etc.) performance awards, full attendance award, etc. Pay in kind should be converted into value at the current prices. The regular earnings should 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 the *Reports on Labor Union Situations*(Chinese edition) published by the Council of Labor Affairs, Executive Yuan.

For statistics on conditions of labor, readers may also refer to the Report on the Manpower Utilization Survey, Taiwan Area, Republic of China and the Abstract of Employment and Earnings Statistics, Taiwan Area. Republic of China published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan and the Major Indicators of Labor Statistics, Taiwan Area, Republic of China, 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., 1972	15 160	8 763	4 341	5 022	1 659	4 948	1 577	75	33	3 742	2 731
Ave., 1973	15 445	9 070	4 496	5 395	1 867	5 327	1 837	68	31	3 675	2 629
Ave., 1974	15 737	9 383	4 654	5 571	1 872	5 486	1 835	85	37	3 812	2 782
Ave., 1975	16 040	9 712	4 818	5 656	1 858	5 521	1 802	136	57	4 056	2 960
Ave., 1976	16 343	10 043	4 984	5 772	1 872	5 669	1 831	103	40	4 271	3 120
Ave., 1977	16 650	10 375	5 151	6 087	2 023	5 980	1 982	107	40	4 288	3 140
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

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., 1972	33.13	57.31	77.04	37.07	4.91	32.64	56.46	98.51	1.49
Ave., 1973	34.93	59.48	77.13	41.53	6.06	34.49	58.73	98.34	1.26
Ave., 1974	35.40	59.37	78.22	40.22	5.72	34.86	58.47	98.47	1.53
Ave., 1975	35.26	58.24	77.61	38.56	6.97	34.42	56.85	97.60	2.40
Ave., 1976	35.32	57.47	77.09	37.56	6.92	34.69	56.45	98.22	1.78
Ave., 1977	36.56	58.67	77.79	39.27	8.68	35.92	57.64	98.24	1.72
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

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 Age and disabled	Others
Ave., 1972	3 742	67	888	1 832	458	499
Ave., 1973	3 675	54	961	1 703	480	477
Ave., 1974	3 812	65	953	1 826	510	458
Ave., 1975	4 056	78	1 040	2 011	539	388
Ave., 1976	4 271	74	1 115	2 135	573	374
Ave., 1977	4 288	71	1 122	2 224	614	257
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

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., 1972	5 022	941	626	543	622	625	577	453	322	212	77	24
Ave., 1973	5 395	970	716	574	654	679	604	500	349	226	94	30
Ave., 1974	5 571	956	758	627	665	692	654	504	347	228	109	31
Ave., 1975	5 656	906	819	679	653	678	613	528	373	246	124	38
Ave., 1976	5 772	858	869	787	600	657	591	534	412	284	142	39
Ave., 1977	6 087	901	913	905	610	647	575	549	457	309	172	49
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

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	18.74	12.47	10.81	12.39	12.45	11.49	9.02	6.41	4.22	1.53	0.48
100.00	17.98	13.27	10.64	12.12	12.59	11.20	9.27	6.47	4.19	1.74	0.56
100.00	17.16	13.61	11.25	11.94	12.42	11.74	9.05	6.23	4.09	1.96	0.56
100.00	16.02	14.48	12.00	11.55	11.99	10.84	9.34	6.59	4.35	2.19	0.67
100.00	14.86	15.06	13.63	10.40	11.38	10.24	9.25	7.14	4.92	2.46	0.68
100.00	14.80	15.00	14.87	10.02	10.63	9.45	9.02	7.51	5.08	2.83	0.80
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

Table 25. Employed

Year	Number (Thousands)											
	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufac- -turing	Electricity, gas & water	Con- struction	Wholesale, retail & restaurant	Trans., storage & communi- cation	Finance, insurance & real estate	Business services	Social & personal services	Public adminis- tration
Ave., 1972	4 948	1 632	61	1 218	20	277	691	257	75		718	
Ave., 1973	5 327	1 624	59	1 419	21	296	767	296	79		766	
Ave., 1974	5 486	1 697	62	1 479	22	319	782	293	84		749	
Ave., 1975	5 521	1 681	62	1 518	23	325	775	314	88		736	
Ave., 1976	5 669	1 641	65	1 628	24	348	777	326	94		768	
Ave., 1977	5 980	1 597	62	1 767	24	398	869	337	101		826	
Ave., 1978	6 231	1 553	60	1 916	25	459	941	304	73	50	643	210
Ave., 1979	6 432	1 380	57	2 083	26	510	1 015	335	78	55	673	220
Ave., 1980	6 547	1 277	56	2 152	27	549	1 058	332	87	65	711	235
Ave., 1981	6 672	1 257	54	2 162	29	583	1 106	342	95	72	734	238
Ave., 1982	6 811	1 284	51	2 168	31	563	1 168	352	103	77	761	253
Ave., 1983	7 070	1 317	46	2 282	33	548	1 231	362	108	79	796	268
Ave., 1984	7 308	1 286	41	2 497	34	517	1 281	370	115	80	820	268
Ave., 1985	7 428	1 297	35	2 501	34	517	1 327	385	121	80	857	275
Ave., 1986	7 733	1 317	33	2 635	34	512	1 372	408	132	91	901	297
Ave., 1987	8 022	1 226	31	2 821	35	544	1 429	418	137	104	976	302
Ave., 1988	8 107	1 113	28	2 802	35	577	1 530	423	160	122	1 011	305
Ave., 1989	8 258	1 066	24	2 796	35	620	1 605	432	193	130	1 048	309
Ave., 1990	8 283	1 064	20	2 653	36	673	1 621	441	220	148	1 098	308
Ave., 1991	8 439	1 093	19	2 598	37	715	1 712	448	227	149	1 147	294
Ave., 1992	8 632	1 065	18	2 585	37	778	1 771	450	247	171	1 200	309
Ave., 1993	8 745	1 005	19	2 483	36	879	1 806	463	277	205	1 259	313
Ave., 1994	8 939	976	18	2 485	36	967	1 875	473	290	214	1 288	317
Ave., 1995	9 045	954	15	2 449	36	1 003	1 919	469	311	223	1 347	317
Ave., 1996	9 068	918	14	2 422	35	928	1 976	472	334	233	1 412	324
Ave., 1997	9 176	878	13	2 570	35	885	1 995	465	351	240	1 421	323
Ave., 1998	9 289	822	12	2 611	35	865	2 047	477	385	260	1 461	315
Ave., 1999	9 385	776	11	2 603	35	843	2 130	476	406	284	1 502	318
Ave., 2000	9 491	740	11	2 655	36	832	2 163	481	412	313	1 534	315
Ave., 2001	9 383	708	10	2 587	35	746	2 165	486	410	339	1 570	327

persons by industry

Structure (%)											
Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Wholesale, retail & restaurant	Trans., storage & communication	Finance, insurance & real estate	Business services	Social & personal services	Public administration
100.00	32.98	1.23	24.62	0.40	5.60	13.97	5.19	1.52		14.51	
100.00	30.49	1.11	26.64	0.39	5.56	14.40	5.56	1.48		14.38	
100.00	30.93	1.13	26.96	0.40	5.81	14.25	5.34	1.53		13.65	
100.00	30.45	1.12	27.50	0.42	5.89	14.04	5.69	1.59		13.33	
100.00	28.95	1.15	28.72	0.42	6.14	13.71	5.75	1.66		13.55	
100.00	26.71	1.04	29.55	0.40	6.66	14.53	5.64	1.69		13.81	
100.00	24.92	0.96	30.74	0.40	7.36	15.09	4.87	1.17	0.80	10.32	3.36
100.00	21.46	0.88	32.39	0.41	7.93	15.78	5.21	1.21	0.85	10.46	3.42
100.00	19.50	0.85	32.87	0.42	8.38	16.15	5.07	1.33	0.99	10.85	3.59
100.00	18.84	0.81	32.40	0.44	8.74	16.58	5.12	1.42	1.07	11.00	3.57
100.00	18.86	0.74	31.84	0.46	8.27	17.16	5.16	1.51	1.12	11.17	3.71
100.00	18.63	0.65	32.28	0.47	7.75	17.41	5.12	1.53	1.12	11.26	3.79
100.00	17.59	0.56	34.17	0.46	7.08	17.53	5.07	1.57	1.09	11.22	3.66
100.00	17.45	0.47	33.67	0.46	6.96	17.86	5.18	1.63	1.07	11.54	3.70
100.00	17.03	0.43	34.08	0.45	6.62	17.75	5.27	1.71	1.18	11.65	3.84
100.00	15.28	0.38	35.17	0.44	6.78	17.81	5.21	1.71	1.30	12.16	3.77
100.00	13.73	0.35	34.57	0.44	7.12	18.87	5.22	1.98	1.50	12.47	3.76
100.00	12.90	0.29	33.86	0.43	7.51	19.43	5.23	2.34	1.58	12.69	3.74
100.00	12.85	0.24	32.03	0.43	8.12	19.57	5.33	2.66	1.79	13.25	3.72
100.00	12.95	0.23	30.79	0.44	8.48	20.28	5.31	2.69	1.77	13.60	3.48
100.00	12.34	0.21	29.95	0.42	9.02	20.52	5.21	2.86	1.98	13.90	3.58
100.00	11.49	0.22	28.40	0.42	10.05	20.65	5.30	3.16	2.34	14.40	3.58
100.00	10.92	0.20	27.80	0.41	10.82	20.97	5.29	3.25	2.40	14.41	3.54
100.00	10.55	0.17	27.08	0.40	11.09	21.22	5.18	3.44	2.47	14.90	3.51
100.00	10.12	0.16	26.71	0.39	10.23	21.79	5.21	3.68	2.56	15.57	3.57
100.00	9.57	0.14	28.00	0.38	9.64	21.74	5.06	3.82	2.62	15.49	3.52
100.00	8.85	0.13	28.11	0.37	9.31	22.04	5.13	4.14	2.80	15.73	3.39
100.00	8.27	0.12	27.74	0.38	8.98	22.70	5.07	4.33	3.02	16.01	3.39
100.00	7.79	0.11	27.97	0.38	8.76	22.79	5.07	4.34	3.30	16.16	3.32
100.00	7.54	0.10	27.57	0.38	7.95	23.07	5.18	4.37	3.62	16.73	3.49

Table 26. Employed

Year	Number (Thousands)							
	Total	Legislators, government administrators, business executives & managers	Professionals	Technicians & associate professionals	Clerks	Service workers & shop & market sales workers	Agricultural, animal husbandry forestry & fishing workers	Prod. & machine operators & related workers
Ave., 1982	6 811	258	265	547	455	1 067	1 261	2 957
Ave., 1983	7 070	266	279	567	482	1 126	1 292	3 057
Ave., 1984	7 308	277	293	596	509	1 170	1 266	3 197
Ave., 1985	7 428	287	308	628	511	1 225	1 282	3 187
Ave., 1986	7 733	298	328	674	540	1 264	1 304	3 324
Ave., 1987	8 022	315	357	732	591	1 286	1 212	3 529
Ave., 1988	8 107	347	372	797	623	1 359	1 099	3 510
Ave., 1989	8 258	371	395	863	650	1 397	1 053	3 530
Ave., 1990	8 283	391	427	963	661	1 383	1 054	3 405
Ave., 1991	8 439	408	434	1 019	698	1 410	1 082	3 387
Ave., 1992	8 632	432	462	1 088	732	1 440	1 055	3 424
Ave., 1993	8 745	441	485	1 231	806	1 405	995	3 382
Ave., 1994	8 939	436	479	1 296	839	1 438	965	3 486
Ave., 1995	9 045	436	500	1 338	877	1 479	942	3 473
Ave., 1996	9 068	429	542	1 376	922	1 530	906	3 362
Ave., 1997	9 176	420	560	1 426	938	1 550	865	3 416
Ave., 1998	9 289	425	578	1 498	955	1 597	810	3 426
Ave., 1999	9 385	414	601	1 571	995	1 667	764	3 373
Ave., 2000	9 491	412	610	1 591	1 027	1 712	726	3 413
Ave., 2001	9 383	406	615	1 615	1 025	1 745	695	3 281

persons by occupation

Structure (%)							
Total	Legislators, government administrators, business executives & managers	Professionals	Technicians & associate professionals	Clerks	Service workers & shop & market sales workers	Agricultural, animal husbandry forestry & fishing workers	Prod. & machine operators & related workers
100.00	3.79	3.89	8.03	6.68	15.67	18.51	43.42
100.00	3.76	3.95	8.02	6.82	15.93	18.28	43.24
100.00	3.78	4.01	8.16	6.97	16.00	17.32	43.74
100.00	3.86	4.15	8.46	6.88	16.49	17.26	42.90
100.00	3.86	4.24	8.71	6.99	16.35	16.87	42.98
100.00	3.92	4.45	9.13	7.37	16.03	15.11	43.99
100.00	4.28	4.59	9.83	7.68	16.76	13.56	43.29
100.00	4.49	4.78	10.45	7.88	16.92	12.75	42.74
100.00	4.72	5.15	11.63	7.98	16.69	12.73	41.11
100.00	4.84	5.15	12.08	8.27	16.71	12.82	40.14
100.00	5.00	5.35	12.60	8.48	16.68	12.22	39.66
100.00	5.04	5.54	14.08	9.22	16.06	11.38	38.67
100.00	4.88	5.35	14.50	9.39	16.09	10.80	39.00
100.00	4.82	5.53	14.79	9.70	16.35	10.41	38.40
100.00	4.73	5.98	15.18	10.17	16.87	10.00	37.08
100.00	4.58	6.10	15.54	10.22	16.89	9.43	37.23
100.00	4.57	6.22	16.13	10.28	17.20	8.72	36.88
100.00	4.42	6.41	16.74	10.61	17.76	8.14	35.94
100.00	4.34	6.43	16.77	10.82	18.04	7.65	35.96
100.00	4.33	6.56	17.21	10.93	18.59	7.41	34.97

Table 27. Employed

Year	Number (Thousands)						
	Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
					Sub-total	Private	Government
Ave., 1972	4 948	139	1 255	831	2 723	2 115	609
Ave., 1973	5 327	142	1 339	861	2 986	2 364	622
Ave., 1974	5 486	145	1 371	914	3 056	2 401	655
Ave., 1975	5 521	137	1 342	879	3 163	2 503	660
Ave., 1976	5 669	144	1 354	821	3 351	2 653	698
Ave., 1977	5 980	145	1 371	794	3 671	2 921	750
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

persons by class of workers

Structure (%)						
Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
				Sub-total	Private	Government
100.00	2.81	25.36	16.79	55.03	42.74	12.31
100.00	2.67	25.14	16.16	56.05	44.38	11.68
100.00	2.64	24.99	16.66	55.71	43.77	11.94
100.00	2.48	24.31	15.92	57.29	45.34	11.95
100.00	2.54	23.88	14.48	59.11	46.80	12.31
100.00	2.42	22.93	13.28	61.39	48.85	12.54
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

Table 28. Employed persons

Year	Number (Thousands)							
	Total	Illiterate and self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	College & graduate school
Ave., 1986	7 733	614	2 607	1 540	560	1 411	548	452
Ave., 1987	8 022	573	2 616	1 590	592	1 542	614	495
Ave., 1988	8 107	503	2 544	1 608	636	1 624	661	532
Ave., 1989	8 258	466	2 490	1 646	662	1 726	702	565
Ave., 1990	8 283	424	2 383	1 649	704	1 770	758	596
Ave., 1991	8 439	385	2 368	1 707	745	1 826	798	609
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

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	College & graduate school
Ave., 1986	212	3	33	45	25	66	23	16
Ave., 1987	161	2	21	34	18	54	19	12
Ave., 1988	139	2	17	29	15	47	18	11
Ave., 1989	132	1	16	27	17	43	17	11
Ave., 1990	140	1	15	29	17	46	19	12
Ave., 1991	130	1	14	28	16	41	18	11
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

by educational attainment

Structure (%)							
Total	Illiterate and Self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	College & graduate school
100.00	7.94	33.72	19.92	7.24	18.24	7.09	5.85
100.00	7.15	32.61	19.82	7.38	19.22	7.65	6.17
100.00	6.20	31.38	19.83	7.84	20.03	8.15	6.56
100.00	5.65	30.15	19.93	8.02	20.90	8.50	6.84
100.00	5.12	28.77	19.90	8.49	21.37	9.15	7.19
100.00	4.56	28.07	20.23	8.83	21.64	9.45	7.22
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

by educational attainment

Unemployment rate (%)							
Total	Illiterate and Self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	College & graduate school
2.66	0.55	1.25	2.85	4.22	4.49	3.99	3.49
1.97	0.42	0.81	2.08	3.01	3.38	2.96	2.44
1.69	0.38	0.67	1.77	2.33	2.83	2.60	2.06
1.57	0.30	0.63	1.62	2.46	2.44	2.31	1.85
1.67	0.29	0.63	1.73	2.38	2.55	2.46	2.03
1.51	0.27	0.61	1.61	2.12	2.18	2.23	1.80
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

Table 30. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction
Ave., 1986	17 180	13 983	26 328	15 036
Ave., 1987	17 862	15 356	27 421	16 045
Ave., 1988	19 760	17 012	32 581	17 879
Ave., 1989	21 687	19 461	39 956	21 433
Ave., 1990	26 518	22 048	46 182	24 719
Ave., 1991	28 666	24 469	55 529	28 193
Ave., 1992	32 008	26 986	58 484	30 829
Ave., 1993	33 036	28 869	62 245	33 645
Ave., 1994	34 108	30 797	67 665	34 382
Ave., 1995	35 976	32 545	70 394	35 285
Ave., 1996	37 794	33 900	77 277	35 821
Ave., 1997	39 167	35 456	78 450	37 031
Ave., 1998	40 692	36 436	85 816	37 888
Ave., 1999	42 065	37 686	90 025	38 070
Ave., 2000	43 543	38 792	89 591	38 893
Ave., 2001	44 487	38 277	94 689	37 746

Table 31. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction
Ave., 1986	181.8	209.0	193.3	195.0
Ave., 1987	184.5	209.1	189.4	192.4
Ave., 1988	185.9	206.6	188.6	194.8
Ave., 1989	187.8	203.6	188.6	195.7
Ave., 1990	186.6	201.7	188.7	190.5
Ave., 1991	191.8	201.9	189.7	190.8
Ave., 1992	190.3	201.9	188.2	191.1
Ave., 1993	193.5	201.9	188.3	190.9
Ave., 1994	192.3	202.4	187.8	195.3
Ave., 1995	191.1	201.6	185.7	195.0
Ave., 1996	191.4	201.2	184.6	193.5
Ave., 1997	193.8	201.9	183.2	192.5
Ave., 1998	193.6	198.1	180.3	188.6
Ave., 1999	189.6	199.2	181.7	185.5
Ave., 2000	189.2	198.9	181.2	187.8
Ave., 2001	186.9	184.7	171.6	181.7

earnings of employees by industry

N. T. Dollars

Trade & eating- drinking places	Transport, storage & communication	Financing, insurance & real estate	Business services	Community, social & personal services
15 161	18 715	24 292	21 121	14 566
16 427	19 677	27 571	22 820	15 808
18 112	21 475	31 534	25 196	17 785
20 007	25 207	38 092	28 205	19 931
23 436	28 372	38 342	33 633	23 007
25 133	32 450	40 708	35 667	25 206
26 833	34 940	45 124	39 579	27 631
29 123	37 854	48 281	42 256	29 236
30 729	40 253	53 145	41 779	31 363
32 806	43 112	51 430	44 355	33 396
33 547	45 088	53 239	44 935	35 004
35 048	47 355	55 981	47 776	37 218
36 234	49 470	55 275	49 491	39 173
37 058	50 899	56 634	51 041	40 526
37 806	52 172	57 596	51 840	42 338
37 870	54 090	59 495	51 735	42 713

working hours of employees by industry

Hours

Trade & eating- drinking places	Transport, storage & communication	Financing, insurance & real estate	Business services	Community, social & personal services
199.9	206.7	190.8	191.7	211.0
201.1	204.7	190.3	193.6	210.7
195.4	203.1	190.0	191.2	208.6
191.1	200.3	188.3	189.9	206.0
189.0	198.8	184.7	189.0	204.0
189.8	197.9	184.2	186.1	201.9
189.8	197.1	184.7	185.4	200.0
190.2	195.8	185.7	186.1	199.3
190.4	195.4	185.0	185.6	198.3
186.1	193.7	183.1	183.4	196.8
184.2	193.7	182.4	184.1	196.5
185.9	193.4	181.6	185.2	196.0
182.8	190.5	177.5	179.4	193.7
183.4	188.5	175.7	179.1	191.5
183.2	187.7	174.2	181.7	190.4
177.8	178.4	167.0	175.0	184.3

Table 32. Indexes of labor productivity by industry

Year	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction
Ave., 1986	37.84	55.20	43.61	78.98
Ave., 1987	40.58	58.19	47.92	83.05
Ave., 1988	44.28	61.39	52.69	85.89
Ave., 1989	51.88	64.62	56.22	87.76
Ave., 1990	61.58	68.16	62.12	91.21
Ave., 1991	65.00	74.21	64.06	90.97
Ave., 1992	79.97	77.65	66.93	98.50
Ave., 1993	90.28	82.75	79.27	100.59
Ave., 1994	95.85	87.22	85.07	96.78
Ave., 1995	107.00	94.12	92.71	95.03
Ave., 1996	100.00	100.00	100.00	100.00
Ave., 1997	99.80	100.06	107.02	109.65
Ave., 1998	101.66	103.69	117.55	112.00
Ave., 1999	112.11	110.29	117.45	110.00
Ave., 2000	106.20	116.21	122.68	103.86
Ave., 2001	107.84	120.69	134.77	106.88

Year	Trade & eating- drinking places	Transport, storage & communication	Financing, insurance, real estate	Business services	Community, social & personal services
Ave., 1986	50.88	54.83	76.54	84.47	54.95
Ave., 1987	54.87	59.85	91.61	75.48	57.63
Ave., 1988	57.70	63.91	98.73	67.28	61.17
Ave., 1989	62.55	68.15	108.61	76.04	66.26
Ave., 1990	69.53	70.89	103.33	75.32	70.87
Ave., 1991	72.49	75.67	99.16	84.24	79.22
Ave., 1992	77.89	81.92	100.21	85.14	81.95
Ave., 1993	84.28	86.12	95.80	80.75	85.10
Ave., 1994	87.34	88.85	104.18	88.40	90.44
Ave., 1995	94.93	95.93	100.99	95.58	94.96
Ave., 1996	100.00	100.00	100.00	100.00	100.00
Ave., 1997	105.71	108.89	113.45	106.02	107.27
Ave., 1998	112.54	118.21	109.03	109.38	114.19
Ave., 1999	113.31	138.73	108.00	108.53	116.82
Ave., 2000	119.07	155.67	109.32	106.19	122.84
Ave., 2001	120.22	165.68	114.34	104.01	128.49

Table 33. Labor turnover rates of employees by industry

%

Year	Accession								
	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade & eating drinking places	Transport, storage & communication	Financing, insurance & real estate	Business services	Community social & personal services
Ave., 1986	2.49	4.09	0.41	5.31	3.81	1.49	2.02	3.67	3.02
Ave., 1987	1.90	4.18	0.39	4.20	3.52	1.54	2.72	3.26	3.02
Ave., 1988	1.19	3.69	0.43	3.48	3.51	1.48	3.15	3.42	2.67
Ave., 1989	1.41	3.50	0.41	4.08	3.04	1.54	2.77	3.15	2.63
Ave., 1990	1.27	3.31	0.52	3.66	3.07	1.56	2.80	3.22	2.74
Ave., 1991	1.42	3.18	0.41	3.57	3.19	1.49	1.85	3.20	2.83
Ave., 1992	1.85	3.06	0.33	3.41	3.08	1.48	2.16	3.40	2.87
Ave., 1993	1.77	2.94	0.16	3.38	3.16	1.43	2.16	3.68	2.87
Ave., 1994	1.44	2.61	0.24	3.57	3.43	1.21	2.28	3.80	2.83
Ave., 1995	1.48	2.49	0.16	3.48	3.38	1.40	2.45	4.39	2.75
Ave., 1996	1.33	2.20	0.16	3.03	3.04	1.20	2.06	3.38	2.54
Ave., 1997	1.25	2.23	0.19	2.94	3.04	1.30	2.38	3.30	2.22
Ave., 1998	1.61	2.06	0.06	2.85	3.16	1.32	2.07	3.36	2.34
Ave., 1999	0.79	2.13	0.66	3.33	3.28	1.14	1.87	2.77	2.67
Ave., 2000	0.76	2.11	0.24	3.12	3.34	1.16	1.54	3.03	2.44
Ave., 2001	0.66	1.44	0.27	2.86	2.73	1.29	1.16	2.86	1.54

Year	Separation								
	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade & eating drinking places	Transport, storage & communication	Financing, insurance & real estate	Business services	Community social & personal services
Ave., 1986	3.13	3.50	0.26	5.11	3.54	1.49	1.53	3.35	2.60
Ave., 1987	2.87	4.03	0.31	3.78	2.85	1.23	1.69	2.45	2.37
Ave., 1988	2.39	3.73	0.29	3.03	2.76	1.19	1.52	2.36	2.34
Ave., 1989	2.87	3.95	0.32	3.77	2.62	1.41	1.26	2.16	2.27
Ave., 1990	1.80	3.73	0.32	3.41	2.97	1.39	1.95	2.00	2.53
Ave., 1991	1.97	3.14	0.41	2.73	2.38	1.27	1.42	2.14	2.17
Ave., 1992	1.81	3.08	0.27	2.44	2.25	1.21	1.40	2.44	2.47
Ave., 1993	1.80	2.87	0.26	2.62	2.58	1.36	1.65	2.86	2.30
Ave., 1994	1.92	2.56	0.38	3.03	2.53	0.91	1.38	2.59	2.28
Ave., 1995	2.24	2.66	0.20	3.86	3.00	1.09	1.82	3.99	2.28
Ave., 1996	2.06	2.28	0.28	3.67	3.33	1.30	1.84	2.98	2.50
Ave., 1997	1.71	2.04	0.30	2.78	2.84	1.32	1.58	3.04	2.28
Ave., 1998	2.14	2.19	0.25	3.50	3.37	1.40	1.93	3.39	2.48
Ave., 1999	1.71	1.87	0.20	3.36	2.99	1.15	1.81	2.53	2.69
Ave., 2000	1.30	2.11	0.25	3.55	3.35	1.15	1.59	2.91	2.47
Ave., 2001	1.61	1.98	0.47	3.40	3.13	1.60	1.48	3.31	2.03

Table 34. Occupational

Year	Reporting enterprises (Establishment)	Employee (Person)	Total workdays (Day)	Total person-workhours (Hour)	Times of disability (Person-case)	Frequency of disability ¹
1982	9 002	1 225 618	294 031 501	2 323 013 905	11 149	4.80
1983	9 387	1 221 635	306 143 440	2 371 986 477	10 845	4.57
1984	8 963	1 216 720	316 480 867	2 504 658 551	10 643	4.25
1985	9 137	1 006 527	308 434 611	2 385 218 224	9 316	3.91
1986	9 113	1 026 663	301 222 926	2 403 257 620	9 141	3.80
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	2.94
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	1 380 238	393 638 956	3 242 960 501	6 874	2.12
1999	9 672	1 386 507	384 766 005	3 379 334 844	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

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

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

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 ²
10 234	244	9	356	9 625	1 907 901	821
9 779	184	1	285	9 309	1 470 471	620
9 579	439	7	267	8 866	2 988 753	1 193
7 211	203	2	190	6 816	1 494 440	627
7 229	176	-	171	6 882	1 796 145	747
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

Table 35. Labor

Year	Cause of							
	Total	Contract	Wage	Retirement	Welfare benefits	Working hour	Insurance	Management
1972	217	119	53		5			1
1973	262	111	66		18			12
1974	494	295	65		15			26
1975	458	229	76		21			26
1976	371	141	58		13			18
1977	380	147	69		9			11
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

Notes : ¹ The time series before 1988 included the settlements by legal channels.

² Beginning 1991, each cause of dispute in total cases may involve more than one piece of dispute.

³ Unresolving cases occurred in the previous months are included.

dispute

dispute ² (Cases)				Persons involved		Result of dispute ³ (Cases)			
Occupational hazards	Safety and health	Labor union	Others	in dispute (Persons)	Involvement rate (%)	Conciliation	Mediation	Arbitration ¹	Unsettled
16		23		2 774	-	217		-	-
23		32		28 498	17.43	262		-	-
47		46		17 456	10.27	494		-	-
42		64		16 809	9.74	452		-	-
60		81		12 817	6.53	371		-	-
67		77		4 047	1.89	380		-	-
44		84		4 084	1.76	506		-	-
66		143		11 529	3.34	503		-	-
57		85		6 305	1.75	601		-	25
120		16		7 053	1.91	830		42	57
93		16		9 501	2.57	1 106		22	45
100		10		12 344	3.22	858		-	63
106		2		9 069	2.20	892		-	15
84		11		15 486	3.65	1 438		-	5
138		46		11 307	2.58	1 470		-	15
204		19		15 654	2.93	1 584		22	3
163		77		24 237	4.46	1 198		49	41
206	-	2	54	62 391	11.21	1 622	275	2	85
191	1	2	75	34 089	6.09	1 634	245	-	66
233	-	-	35	12 696	2.24	1 567	231	-	78
224	-	2	61	12 394	2.12	1 631	216	1	33
234	1	2	49	37 949	6.32	1 681	189	-	41
295	-	3	18	30 890	5.01	1 852	244	-	6
272	-	2	12	27 342	4.37	2 039	201	-	37
262	-	1	75	21 654	3.44	2 431	241	-	24
367	-	5	59	81 004	12.61	2 230	344	-	50
493	1	5	89	103 568	15.80	3 641	461	-	86
656	-	3	153	30 440	4.59	4 861	946	-	139
850	-	4	269	56 543	8.38	6 603	1 445	-	117
814	-	2	462	58 643	8.70	8 807	2 170	-	95

Table 36. Labor unions and members by type of labor unions

Year	Labor unions (Establishments)	Institutional members (Establishments)	Personal members (Persons)
1997	3 741	4 573	2 958 944
1998	3 759	4 565	2 927 434
1999	3 831	4 582	2 933 485
2000	3 863	4 525	2 874 441
2001	3 945	4 716	2 879 627
National	38	347	21 840
General federation of labor unions	7	86	-
Federation of industrial labor unions	5	24	-
Occupational labor unions	1	-	21 840
Regional	11	-	140 838
Industrial labor unions	11	-	140 838
Export processing zones	69	64	34 517
Federation of industrial labor unions	1	64	-
Industrial labor unions	68	-	34 517
Provincial level			
Taipei municipality	367	274	578 631
General federation of labor unions	1	267	-
Federation of industrial labor unions	2	7	-
Industrial labor unions	133	-	107 286
Occupational labor unions	231	-	471 345
Kaohsiung municipality	364	255	220 738
General federation of labor unions	1	238	-
Federation of industrial labor unions	1	17	-
Industrial labor unions	89	-	38 444
Occupational labor unions	273	-	182 294
Taiwan province	64	1 064	-
General federation of labor unions	1	79	-
Federation of industrial labor unions	13	340	-
Federation of occupational labor unions	50	645	-
County/City	3 032	2 712	1 883 063
General federation of labor unions	21	2 712	-
Industrial labor unions	790	-	263 252
Occupational labor unions	2 221	-	1 619 811

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, Republic of China. On the front of culture, this chapter contains data on the status of libraries and the status of historic relics, 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 Personal Income Distribution in Taiwan Area of the Republic of China* 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. However, the agencies engaged in defense technology R & D are excluded from the coverage. Consequently, the R & D expenditures exclude the part spending on defense research. 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). The higher education is offered to students (age 18 to 21) at the colleges/universities and above (excluding the first three years 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.

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 and the Publication Yearbook of the Republic of China*.

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

School Year	Institution (Number)		Teaching staff (Persons)				Students enrolled (Persons)			
	Total	Public	Total		Public		Total		Public	
			Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
1972	587	202	2 649	2 618	546	539	107 813	48 995	23 890	10 797
1973	618	204	2 871	2 835	512	490	110 977	50 663	22 492	10 044
1974	660	238	3 084	3 029	650	637	110 403	51 059	27 679	12 788
1975	762	273	3 549	3 499	688	667	117 990	54 961	29 342	13 659
1976	778	264	3 716	3 661	777	757	121 373	56 782	31 426	14 629
1977	867	307	4 303	4 235	888	871	135 232	63 496	34 457	16 000
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	304	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

Table 38. Education at the first level :

School Year	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1972	2 337	2 313	61 178	26 930	60 386	26 314
1973	2 349	2 325	61 517	27 441	60 746	26 883
1974	2 354	2 330	62 109	28 386	61 318	27 779
1975	2 376	2 352	62 803	29 270	62 301	28 976
1976	2 378	2 355	64 974	30 719	64 179	30 100
1977	2 400	2 377	66 954	32 330	66 148	31 688
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	76 266	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	82 299	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

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
405 320	194 986	401 538	193 442	2 459 743	1 192 874	2 432 775	1 181 564
402 084	194 176	398 557	192 731	2 431 440	1 180 125	2 404 123	1 168 650
408 316	196 905	404 121	195 167	2 406 531	1 169 517	2 378 992	1 157 952
400 813	194 543	396 663	192 798	2 364 961	1 149 249	2 337 536	1 137 793
393 650	191 455	389 763	189 882	2 341 413	1 138 205	2 314 550	1 126 928
394 379	192 164	390 198	190 457	2 319 342	1 126 784	2 292 945	1 115 715
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	309 125	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
...	...	...	...	1 925 491	920 991	1 904 147	911 368

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

School Year and type of education	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1972 Total	951	724	52 212	19 628	45 299	17 533
General	780	650	43 700	17 292	39 787	16 037
Vocational	171	74	8 512	2 336	5 512	1 496
Teacher-training	-	-	-	-	-	-
1973 Total	959	733	53 970	21 381	46 917	19 123
General	788	658	45 094	18 822	41 120	17 481
Vocational	171	75	8 876	2 559	5 797	1 642
Teacher-training	-	-	-	-	-	-
1974 Total	968	744	56 753	23 409	49 363	20 913
General	795	668	47 552	20 604	43 481	19 175
Vocational	173	76	9 201	2 805	5 882	1 738
Teacher-training	-	-	-	-	-	-
1975 Total	977	755	60 384	25 448	52 421	22 566
General	800	679	50 281	22 329	45 988	20 671
Vocational	177	76	10 103	3 119	6 433	1 895
Teacher-training	-	-	-	-	-	-
1976 Total	987	765	62 392	26 568	53 932	23 448
General	809	689	51 945	23 241	47 342	21 477
Vocational	178	76	10 447	3 327	6 590	1 971
Teacher-training	-	-	-	-	-	-
1977 Total	996	875	64 327	27 859	55 340	24 438
General	813	799	53 210	24 288	48 464	22 375
Vocational	183	76	11 117	3 571	6 876	2 063
Teacher-training	-	-	-	-	-	-
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	-	-	-	-	-	-

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
396 700	167 800	335 942	144 114	1 323 253	559 801	1 119 333	479 178
333 820	140 558	307 457	130 775	1 105 766	464 241	1 018 166	431 960
62 739	27 162	28 344	13 259	216 905	95 099	100 585	46 732
141	80	141	80	582	461	582	486
412 703	177 669	354 940	154 893	1 374 075	593 116	1 161 225	504 976
348 641	149 442	323 419	139 748	1 140 260	487 266	1 055 680	454 598
63 862	28 070	31 321	14 988	232 574	104 991	104 304	49 519
200	157	200	157	1 241	859	1 241	859
426 496	186 939	366 731	162 310	1 433 755	628 835	1 207 801	531 954
358 756	155 859	333 003	145 991	1 176 280	511 499	1 094 407	479 035
67 510	30 885	33 498	16 124	255 965	116 377	111 884	51 960
230	195	230	195	1 510	959	1 510	959
448 884	199 880	382 720	171 299	1 505 993	670 819	1 261 157	562 050
372 859	164 279	349 310	154 602	1 221 538	539 056	1 140 074	506 514
75 428	35 184	32 813	16 280	282 415	130 445	119 043	54 218
597	417	597	417	2 040	1 318	2 040	1 318
473 945	213 003	403 419	181 687	1 539 150	695 029	1 288 055	581 184
389 011	174 040	365 514	164 475	1 240 803	555 407	1 160 496	523 522
84 547	38 705	37 518	16 954	296 493	138 709	125 701	56 749
387	258	387	258	1 854	913	1 854	913
496 023	225 905	418 799	...	1 563 321	717 120	1 306 423	596 681
402 725	183 640	377 436	...	1 256 605	570 282	1 175 416	537 145
92 549	41 845	40 614	...	304 992	146 006	129 283	58 704
749	420	749	420	1 724	832	1 724	832
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	1 313 662	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

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

School Year and type of education	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1981 Total	1 034	814	71 099	32 731	60 511	29 241
General	838	729	57 952	28 195	52 531	26 786
Vocational	196	85	13 147	4 536	7 980	2 455
Teacher-training	-	-	-	-	-	-
1982 Total	1 038	818	73 155	34 010	61 639	29 027
General	836	731	58 713	28 969	53 246	26 447
Vocational	202	87	14 442	5 041	8 393	2 580
Teacher-training	-	-	-	-	-	-
1983 Total	1 047	827	74 873	35 107	62 815	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	64 301	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
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

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
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	1 354 027	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	421 258	208 360	1 707 270	840 192	1 335 861	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
544 304	273 623	429 113	216 247	1 742 116	861 177	1 375 258	664 119
403 911	198 287	372 956	189 331	1 297 884	625 036	1 194 461	579 018
140 393	75 336	56 157	26 916	444 232	236 141	180 797	85 101
532 682	268 884	428 604	212 261	1 767 835	879 781	1 399 337	681 460
403 857	198 801	373 490	185 108	1 329 695	644 431	1 220 642	595 914
128 825	70 083	55 114	27 153	438 140	235 350	178 695	85 546
562 617	284 483	453 836	224 853	1 818 301	904 743	1 428 828	694 514
434 536	213 471	399 700	197 664	1 369 190	661 997	1 250 723	609 163
128 081	71 012	54 136	27 189	449 111	242 746	178 105	85 351

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

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

institutions, teachers, graduates and students (continued)

Graduates (Persons)				Students enrolled (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
573 323	289 841	457 226	226 089	1 870 315	929 786	1 449 887	702 500
438 406	214 779	401 852	198 493	1 394 463	672 972	1 267 556	616 186
134 917	75 062	55 374	27 596	475 852	256 814	182 331	86 314
584 447	295 652	458 604	225 492	1 909 625	950 362	1 460 615	707 699
441 667	216 061	402 267	197 939	1 408 904	681 937	1 273 248	620 320
142 780	79 591	56 337	27 553	500 721	268 425	187 367	87 379
614 714	308 639	477 300	233 494	1 941 241	963 970	1 472 445	711 917
461 828	224 758	418 884	205 195	1 426 030	689 151	1 282 145	623 221
152 886	83 881	58 416	28 299	515 211	274 819	190 300	88 696
614 967	309 391	472 439	230 851	1 947 022	967 557	1 462 300	706 269
457 387	223 034	412 938	202 393	1 423 040	688 379	1 271 382	618 274
157 580	86 357	59 501	28 458	523 982	279 178	190 918	87 995
614 291	308 874	469 760	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
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
...	...	...	...	1 684 449	817 970	1 256 947	607 726
...	...	...	...	1 306 718	634 979	1 098 938	536 449
...	...	...	...	377 731	182 991	158 009	71 277

Table 40. Education at the third level :

School Year	Institution (Number)				Teaching staff (Persons)					
	Total	Public	Junior college	Univ. and college	Total		Public		Junior college	Univ. and college
					Both sexes	Female	Sub-total	Female		
1972	99	31	76	23	12 270	2 988	6 297	1 353	5 713	6 557
1973	99	31	76	23	12 678	3 161	6 490	1 407	5 957	6 721
1974	100	32	76	24	13 309	3 416	6 798	1 493	6 182	7 127
1975	101	33	76	25	13 606	3 594	7 008	1 554	6 186	7 420
1976	101	33	76	25	14 548	3 819	7 201	1 598	6 552	7 996
1977	102	33	76	26	15 198	3 944	7 316	1 621	6 736	8 462
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

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			
46 943	17 724	18 961	7 066	26 040	19 922	981	251 058	91 197	94 947	36 615	138 310	109 827	2 921
54 826	20 940	21 829	10 359	31 441	22 388	997	270 895	98 744	98 255	37 513	147 621	120 304	2 970
60 328	21 533	22 905	8 324	34 784	24 564	980	282 168	102 318	99 272	36 650	149 917	128 930	3 321
60 311	22 179	22 457	8 283	32 637	26 498	1 176	289 435	106 381	98 995	36 210	150 226	135 297	3 912
64 057	22 971	23 070	8 061	33 495	29 043	1 519	299 414	111 319	99 826	35 807	154 056	140 857	4 501
65 630	23 620	22 610	7 739	34 320	29 675	1 635	308 583	116 541	101 288	36 860	160 506	142 921	5 156
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	42 426	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	302 903	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
...	...	...	...	...	...	...	1 187 225	591 374	318 314	139 437	406 841	677 171	103 213

Table 41. Education at the special and other level :

School Year and type of education	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1972 Total	237	64	3 755	863	1 271	412
Special	6	5	389	209	381	209
Others	231	59	3 366	654	890	203
1973 Total	303	141	3 901	942	1 287	377
Special	6	5	328	162	321	162
Others	297	136	3 573	780	966	215
1974 Total	318	162	3 826	1 004	992	350
Special	6	5	400	223	389	217
Others	312	157	3 426	781	603	133
1975 Total	324	170	3 655	1 038	1 357	441
Special	7	6	423	188	414	184
Others	317	164	3 232	850	943	257
1976 Total	328	171	4 175	1 240	1 409	515
Special	9	8	439	254	418	244
Others	319	163	3 736	986	991	271
1977 Total	333	174	4 162	1 315	1 488	550
Special	9	7	452	262	432	254
Others	324	167	3 710	1 053	1 056	296
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

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
28 598	14 878	7 767	4 219	127 265	64 737	32 133	17 060
624	220	614	220	2 749	1 060	2 724	1 060
27 974	14 658	7 153	3 999	124 516	63 677	29 409	16 000
28 340	15 141	8 164	4 701	147 075	77 980	40 701	13 703
619	255	619	255	2 752	1 084	2 717	1 084
27 721	14 886	7 545	4 446	144 323	76 896	37 984	12 619
32 405	17 529	8 606	4 731	162 300	87 476	51 187	28 888
682	280	659	273	2 844	1 155	2 737	1 118
31 723	17 249	7 947	4 458	159 456	86 321	48 450	27 770
43 633	25 120	14 256	8 525	170 630	93 134	58 012	33 274
686	258	646	246	2 848	1 160	2 738	1 119
42 947	24 862	13 610	8 279	167 782	91 974	55 274	32 155
42 632	23 320	15 452	9 157	177 607	96 948	61 416	35 457
747	291	713	277	2 921	1 197	2 728	1 123
41 885	23 029	14 739	8 880	174 686	95 751	58 688	34 334
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

Table 41. Education at the special and other level :

School Year and type of education	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
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	1 650	691
Special	10	8	584	389	560	372
Others	439	295	3 964	1 425	1 090	319
1987 Total	472	326	4 926	2 023	1 711	725
Special	10	8	617	404	593	389
Others	462	318	4 309	1 619	1 118	336
1988 Total	500	357	4 597	1 942	1 859	784
Special	10	8	641	419	607	393
Others	490	349	3 956	1 523	1 252	391
1989 Total	511	367	5 196	2 198	2 005	894
Special	11	9	750	501	711	470
Others	500	358	4 446	1 697	1 294	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

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
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
74 649	42 347	38 822	24 787	301 015	177 326	158 135	100 558
666	294	658	291	2 948	1 257	2 843	1 217
73 983	42 053	38 164	24 496	298 067	176 069	155 292	99 341
81 516	45 431	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

Table 41. Education at the special and other level :

School Year and type of education	Institution (Number)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
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	722	4 704	2 341	2 717	1 368
Special	17	15	1 324	919	1 262	863
Others	846	707	3 380	1 422	1 455	505
1996 Total	903	754	4 827	2 407	2 784	1 431
Special	17	15	1 386	962	1 320	903
Others	886	739	3 441	1 445	1 464	528
1997 Total	955	799	4 904	2 473	2 901	1 515
Special	17	15	1 470	1 019	1 414	970
Others	938	784	3 434	1 454	1 487	545
1998 Total	1 005	845	5 086	2 619	3 021	1 629
Special	20	18	1 532	1 079	1 479	1 031
Others	985	827	3 554	1 540	1 542	598
1999 Total	1 015	839	4 970	2 581	3 117	1 690
Special	23	21	1 629	1 135	1 576	1 086
Others	992	818	3 341	1 446	1 541	604
2000 Total	997	812	4 929	2 551	3 066	1 682
Special	23	21	1 601	1 098	1 547	1 048
Others	974	791	3 328	1 453	1 519	634
2001 Total	978	779	4 932	2 558	3 012	1 692
Special	24	22	1 639	1 143	1 586	1 094
Others	954	757	3 293	1 415	1 426	598

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
81 700	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
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
...	...	...	...	310 623	172 354	172 167	104 825
...	...	...	...	5 860	2 374	5 688	2 303
...	...	...	...	304 763	169 980	166 479	102 522

Table 42. Enrollment rates by school-age population group

%

School Year	6-21 years	6-14 years	6-11 years (1st level)	12-17 years (2nd level)			18-21 years (3rd level)		
				Total	Male	Female	Total	Male	Female
Net enrollment rates									
1982	70.33	94.31	96.42	75.40	75.63	75.17	11.80	12.33	11.25
1983	71.29	95.43	96.70	76.14	76.04	76.24	12.40	12.84	11.93
1984	72.08	95.65	96.29	78.11	77.86	78.37	12.57	12.78	12.34
1985	72.99	95.65	96.30	78.29	77.95	78.64	13.88	14.24	13.49
1986	74.42	95.95	96.75	81.50	80.52	82.53	14.24	14.47	14.00
1987	75.34	96.09	96.97	82.39	81.13	83.73	14.82	14.90	14.74
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
Gross enrollment rates									
1982	73.52	99.26	100.06	85.47	85.22	85.73	19.59	21.52	17.57
1983	74.59	99.75	100.06	87.14	86.63	87.68	20.86	22.57	19.06
1984	75.44	99.78	99.53	88.89	88.12	89.70	21.81	23.48	20.05
1985	76.57	99.82	99.43	89.73	88.89	90.61	23.15	24.89	21.33
1986	78.26	100.01	99.57	92.19	90.90	93.56	25.18	26.67	23.61
1987	79.16	99.66	99.37	93.76	92.06	95.54	26.16	27.46	24.79
1988	80.39	99.68	100.47	94.08	91.95	96.32	28.26	29.43	27.04
1989	80.76	99.60	100.03	94.02	91.66	96.52	30.56	31.30	29.78
1990	82.35	99.80	100.46	95.00	92.85	97.27	34.13	34.40	33.85
1991	83.73	100.73	100.99	95.40	93.58	97.32	37.92	38.08	37.74
1992	84.88	100.50	101.27	95.60	93.71	97.60	41.97	42.13	41.79
1993	85.55	100.95	101.77	95.32	93.67	97.06	45.04	45.12	44.95
1994	85.01	100.37	100.90	95.93	94.02	97.96	45.32	44.85	45.81
1995	84.96	100.94	101.39	95.66	93.84	97.59	46.42	45.13	47.79
1996	84.81	101.01	101.12	95.79	94.06	97.63	47.71	45.71	49.80
1997	85.60	101.12	100.63	97.21	95.60	98.92	51.06	48.12	54.16
1998	87.16	100.89	99.80	98.55	97.12	100.07	56.09	52.59	59.78
1999	88.60	100.85	99.67	99.61	98.26	101.04	60.99	57.79	64.35
2000	90.77	100.28	100.49	99.23	98.05	100.49	68.42	65.71	71.29
2001	93.12	99.53	99.66	99.44	98.31	100.64	77.12	74.52	79.85

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
1972	83.31	90.63	75.35	71.17	70.92	71.51	42.62	35.20	54.70	...	...	...
1973	83.71	90.62	76.26	67.90	66.20	70.17	37.92	33.57	44.66	...	...	...
1974	88.03	94.17	81.47	67.57	66.45	69.03	39.68	35.00	46.67	...	...	...
1975	89.47	94.17	84.43	65.82	64.14	67.97	39.80	35.31	46.26	...	...	...
1976	90.41	95.12	85.42	61.57	59.50	64.17	42.39	36.99	49.84	...	...	...
1977	93.60	97.59	89.38	60.04	58.36	62.10	43.59	39.13	49.61	...	...	...
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	98.98	95.97	94.91	97.10	70.73	69.68	71.78	41.82	37.18	46.27

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
1972	86.71	88.68	84.01	83.43	78.90	90.80
1973	82.63	82.78	82.42	74.85	73.56	76.85
1974	82.22	83.09	81.09	73.41	71.47	76.33
1975	85.46	85.14	85.86	78.76	77.40	80.70
1976	78.37	76.96	80.13	77.05	68.78	88.47
1977	77.78	76.95	78.79	77.20	67.83	89.84
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	...	...	...

Table 45. Number of students per teacher at all levels

Persons

School Year	Elementary School	Junior high school	Senior high school	Senior vocational school	Junior college	University & college
1972	40.21	27.82	17.86	25.48	24.21	17.20
1973	39.52	28.08	16.93	26.20	24.78	18.34
1974	38.75	27.49	16.11	27.82	24.25	18.56
1975	37.66	27.14	15.31	27.95	24.28	18.76
1976	36.04	25.94	23.16	22.70	20.00	13.33
1977	34.64	25.50	22.59	22.84	20.39	13.00
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

Notes : ¹ 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. 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) ¹			Illiterate & self-educated		
	Average	Male	Female	Average	Male	Female
1978	5.97	7.12	4.68	26.69	15.89	38.74
1979	6.15	7.27	4.90	25.15	14.99	36.46
1980	6.45	7.58	5.21	23.32	13.59	34.11
1981	6.59	7.68	5.39	22.38	13.01	32.69
1982	6.75	7.82	5.57	21.31	12.29	31.20
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	7.79	8.73	6.78	15.61	8.68	23.02
1989	7.97	8.88	7.01	14.61	8.15	21.49
1990	8.18	9.06	7.24	13.60	7.54	20.04
1991	8.28	9.13	7.37	12.79	7.08	18.83
1992	8.47	9.30	7.59	12.07	6.55	17.91
1993	8.65	9.47	7.79	11.49	6.15	17.10
1994	8.72	9.52	7.89	11.31	6.05	16.81
1995	8.87	9.64	8.06	10.86	5.71	16.22
1996	9.04	9.80	8.26	10.31	5.29	15.49
1997	9.15	9.88	8.39	10.21	5.40	15.17
1998	9.27	9.97	8.56	10.08	5.63	14.66
1999	9.51	10.15	8.84	8.79	5.09	12.58
2000	9.63	10.26	8.99	8.31	4.80	11.88
2001	9.76	10.37	9.14	7.94	4.56	11.36

Note : ¹ 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. The length of education is 16 years for

population aged 25 and over

%

First level			Second level			Third level		
Average	Male	Female	Average	Male	Female	Average	Male	Female
46.49	49.28	43.39	19.42	24.67	13.57	7.40	10.16	4.31
46.44	48.47	44.19	20.67	25.91	14.83	7.74	10.63	4.52
45.42	46.71	43.99	22.31	27.50	16.56	8.94	12.20	5.34
44.91	45.94	43.77	23.47	28.65	17.77	9.24	12.40	5.77
44.30	45.06	43.46	24.99	30.03	19.47	9.40	12.62	5.87
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

Table 47. The distribution of expenditure on education

Thousands of N. T. Dollars

Fiscal Year	Total	Adminis- tration	Pre-school education	1st level education	2nd level education	3rd level education	International cultural	Special and others education
1970	8 697 692	145 326	46 449	2 372 962	3 278 097	2 133 606	66 668	654 584
1971	11 236 766	284 648	47 056	2 824 143	4 190 216	3 069 393	70 893	750 417
1972	11 852 384	526 316	130 308	3 225 000	4 771 943	2 574 330	59 972	564 515
1973	12 505 683	489 377	130 554	3 530 293	5 081 399	2 726 943	15 741	531 376
1974	14 743 223	632 442	178 696	4 096 905	5 787 529	3 227 933	47 179	772 539
1975	21 064 636	1 534 931	230 004	6 082 408	7 666 372	4 205 623	80 436	1 264 862
1976	25 377 014	1 378 098	230 427	7 157 372	9 581 981	5 265 004	206 859	1 557 273
1977	30 855 390	3 098 956	351 897	8 570 331	10 922 717	6 278 897	150 129	1 482 463
1978	36 690 330	5 015 345	345 815	10 090 612	12 334 617	7 329 681	131 333	1 442 927
1979	43 269 554	3 333 266	446 805	12 755 016	16 194 420	8 321 098	149 688	2 069 261
1980	56 907 850	5 002 398	807 438	16 165 057	20 220 879	11 137 317	169 779	3 404 982
1981	74 112 578	7 477 475	1 215 592	18 999 168	25 927 527	15 900 970	242 418	4 349 428
1982	94 673 663	12 107 697	1 638 797	22 298 611	32 281 263	21 145 554	248 775	4 952 966
1983	110 942 492	14 728 150	1 823 534	27 193 942	34 898 837	26 272 423	332 766	5 692 840
1984	111 121 047	14 636 545	2 581 264	27 010 831	36 927 627	24 577 003	367 799	5 019 978
1985	123 915 028	17 646 121	4 002 565	28 387 324	40 089 633	27 003 963	373 199	6 412 223
1986	137 899 432	19 994 411	4 430 196	31 004 799	43 237 614	29 659 806	444 659	9 127 947
1987	148 047 536	19 700 441	4 587 548	32 547 269	46 835 187	36 556 579	626 403	7 194 109
1988	168 382 593	20 228 803	5 259 330	39 428 781	51 047 369	43 174 190	647 801	8 596 319
1989	200 549 625	25 326 615	6 669 603	49 320 053	60 467 688	47 486 808	1 147 259	10 131 599
1990	245 279 765	24 901 030	7 840 899	58 227 576	76 913 742	58 498 170	1 888 682	17 009 666
1991	300 965 051	28 852 229	8 254 640	70 574 725	91 099 349	71 226 033	703 682	30 254 393
1992	351 140 259	32 290 679	8 938 441	79 685 381	107 354 491	84 067 443	776 477	38 027 347
1993	401 130 100	35 123 035	9 087 856	98 283 490	122 997 654	92 069 303	788 024	42 780 738
1994	428 109 963	38 612 799	9 223 172	102 843 837	133 057 821	98 019 968	769 119	45 583 247
1995	449 691 445	38 930 247	10 676 880	110 542 628	142 728 955	100 444 293	833 066	45 535 376
1996	500 863 136	50 927 458	11 442 841	123 607 646	159 574 464	106 055 791	824 689	48 430 247
1997	533 672 566	49 654 565	12 739 238	124 646 667	171 530 319	126 566 203	821 841	47 713 733
1998	550 309 889	54 756 791	12 698 951	129 069 012	171 774 080	125 030 186	475 221	56 505 648
1999	581 536 145	45 678 736	13 289 072	144 476 016	186 754 964	134 098 301	689 021	56 550 035

Note : ¹ Beginning school year 1968 free education was extended from 6 years to 9 years.

² Part of the budgets for 9-year free education were included in the administrative expenditure to fund special aids to respective schools.

Table 48. Public expenditure on education at current market prices

Fiscal Year	Total		Recurrent expenditure		Capital expenditure		Per capita expenditure	As % of total public expenditure
	1 000 N.T. Dollars	%	1 000 N.T. Dollars	%	1 000 N.T. Dollars	%	N.T. Dollars	
1972	9 094 133	100.00	...	...	...	...	603	14.53
1973	9 722 589	100.00	...	...	...	...	633	13.37
1974	11 484 954	100.00	...	...	...	...	734	13.92
1975	16 738 643	100.00	...	...	...	...	1 051	14.19
1976	20 952 991	100.00	16 931 157	80.81	4 021 835	19.19	1 292	15.06
1977	25 337 875	100.00	20 260 057	79.96	5 077 817	20.04	1 528	14.54
1978	29 871 453	100.00	22 748 690	76.16	7 122 764	23.84	1 769	14.36
1979	35 480 093	100.00	27 236 309	76.77	8 243 783	23.23	2 062	14.32
1980	47 418 999	100.00	35 296 039	74.43	12 122 959	25.57	2 703	15.12
1981	60 262 157	100.00	43 401 315	72.02	16 860 842	27.98	3 373	14.71
1982	77 809 670	100.00	59 376 352	76.31	18 433 313	23.69	4 277	15.14
1983	91 864 372	100.00	69 398 909	75.54	22 465 462	24.46	4 961	16.15
1984	89 206 666	100.00	69 562 994	77.98	19 643 672	22.02	4 747	16.28
1985	100 352 921	100.00	76 905 226	76.63	23 447 695	23.37	5 263	16.57
1986	112 949 397	100.00	84 041 840	74.41	28 907 557	25.59	5 848	16.45
1987	119 030 192	100.00	87 956 023	73.89	28 647 397	26.11	6 101	16.54
1988	135 970 263	100.00	105 496 899	77.59	30 473 364	22.41	6 893	17.27
1989	163 094 485	100.00	110 886 848	68.00	52 207 636	32.00	8 173	17.39
1990	202 364 354	100.00	140 415 578	69.39	61 948 776	30.61	10 040	17.47
1991	247 488 080	100.00	177 056 648	71.54	70 431 432	28.46	12 131	17.77
1992	290 019 588	100.00	210 711 418	72.65	79 308 170	27.35	14 075	17.86
1993	332 463 417	100.00	238 065 066	71.61	94 398 351	28.39	15 982	18.43
1994	350 053 223	100.00	254 630 123	72.74	95 423 100	27.26	16 672	18.58
1995	366 902 255	100.00	276 942 439	75.48	89 959 816	24.52	17 325	19.36
1996	407 595 911	100.00	312 927 045	76.77	94 668 866	23.23	19 085	19.50
1997	420 905 497	100.00	337 827 964	80.26	83 076 533	19.74	19 554	18.91
1998	430 675 819	100.00	359 722 863	83.53	70 952 956	16.47	19 808	18.54
1999	453 089 741	100.00	373 333 283	82.40	79 756 458	17.60	20 662	18.80
2000	401 537 326	...	...	...	...	...	18 175	18.00
2001	409 307 000	...	...	...	...	...	18 321	18.04

Table 49. Number of foreign

School Year	Total	Education	Fine arts	Humanities	Social & behavior science	Business & administration	Law & jurisprudence	Natural science	Mathematics & computer science
1972	542	5	12	385	68	-	3	5	-
1973	684	4	6	537	65	-	3	5	-
1974	693	5	26	459	84	-	2	5	-
1975	8 443	2	23	585	116	-	3	7	-
1976	2 040	4	12	1 845	88	-	5	7	-
1977	1 365	4	25	1 081	130	-	7	11	-
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

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

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

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
15	-	35	-	13	-	-	-	-	...	-
22	-	33	-	9	-	-	-	-	...	-
42	-	50	-	20	-	-	-	-	...	-
44	-	35	-	28	-	-	-	-	...	-
45	-	17	-	17	-	-	-	-	...	-
44	-	45	-	18	-	-	-	-	...	-
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

Table 49. Number of foreign

School Year	Total	Education	Fine arts	Humanities	Social & behavior science	Business & administration	Law & jurisprudence	Natural science	Mathematics & computer science
1992	5 440	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	51	41	370	198	166	22	31	45
Asia	4 490	47	32	320	181	130	15	29	28
Indonesia	1 158	3	2	2	1	5	-	1	2
Japan	1 520	16	10	121	65	58	6	1	10
Korea	1 038	24	16	166	93	47	8	2	8
America	1 140	1	5	30	11	25	6	-	13
Canada	250	-	-	5	3	3	-	-	-
U. S. A.	790	1	5	22	6	16	6	-	11
Europe	546	1	2	19	5	4	1	2	2
France	114	1	1	8	-	1	-	1	1
Germany	91	1	-	1	2	2	-	1	-
United Kingdom	131	-	-	1	-	1	1	-	-
Africa	79	-	-	1	-	5	-	-	-
South Africa	45	-	-	1	-	3	-	-	-
Oceania	125	2	2	-	1	2	-	-	2
Australia	83	1	1	-	1	-	-	-	1
New Zealand	41	1	1	-	-	1	-	-	1

Table 50. Number of scientists, engineers and technicians engaged in research and development, expenditures for research and development

Year	Number of scientists, engineers and technicians engaged in research and development (Headcount)			Expenditures for research and development				
	Total	Scientists and engineers (Researchers)	Technicians	Total expenditure (Millions of N.T. Dollars)	Public sector (%)	R & D expenditures as % of GDP	Enterprise financed R&D expenditures as percentage of sales(%)	Annual R&D expenditures per researcher (Millions of N.T. Dollars)
1989	57 903	39 742	18 161	54 789	47.7	1.39	0.73	-
1990	65 582	46 071	19 511	71 548	45.8	1.66	0.97	-
1991	69 017	46 173	22 844	81 765	52.1	1.70	0.98	-
1992	70 473	48 356	22 117	94 828	52.2	1.78	0.97	2.86
1993	78 625	54 905	23 720	103 617	49.0	1.75	1.02	2.90
1994	82 223	58 156	24 067	114 682	47.4	1.77	1.02	3.02
1995	92 113	66 478	25 635	125 031	43.7	1.78	1.06	2.30
1996	100 598	71 611	28 987	137 955	41.6	1.80	1.13	2.26
1997	110 609	76 588	34 021	156 321	40.2	1.88	1.27	2.42
1998	113 744	83 209	30 535	176 455	38.3	1.97	1.39	2.48
1999	118 919	87 454	31 465	190 520	37.9	2.05	1.38	2.62
2000	121 107	87 394	33 713	197 631	37.5	2.05	1.28	2.81

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

Year	Total	Type of work			Type of cost				
		Basic research	Applied research	Technological development	Capital expenditure	Current expenditure	Type of cost		
							Labor	Material	others
1989	54 789	4 897	20 703	29 189	21 018	33 771	16 487	7 730	9 554
1990	71 548	6 505	25 815	39 228	26 205	45 343	23 477	10 723	11 143
1991	81 765	8 275	33 320	40 170	26 314	55 451	29 563	11 376	14 512
1992	94 828	10 999	34 744	49 085	24 710	70 118	37 012	14 198	18 908
1993	103 617	12 887	37 523	53 207	18 765	84 852	45 286	16 351	23 215
1994	114 682	15 714	40 809	58 159	19 037	95 645	52 256	18 173	25 216
1995	125 031	15 311	35 906	73 814	20 295	104 736	56 733	18 188	29 815
1996	137 955	15 223	41 463	81 269	20 150	117 806	62 826	21 429	33 551
1997	156 321	15 715	47 444	93 162	24 200	132 122	69 786	25 747	36 589
1998	176 455	17 886	55 001	103 569	26 543	149 914	74 655	27 788	47 471
1999	190 520	20 115	60 253	110 153	25 823	164 698	83 309	31 567	49 821
2000	197 631	20 462	59 288	117 880	27 097	170 534	87 658	30 879	51 996

Millions of N. T. Dollars

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

Millions of N. T. Dollars

Year	Total	Industry		S & T research institute			Univ. college and junior college	
		Public	Private	Public	Private	Non-profit organization	Public	Private
1989	54 789	4 249	26 446	4 489	102	11 236	6 474	1 793
1990	71 548	4 730	37 510	7 420	274	12 136	7 591	1 887
1991	81 765	5 240	38 596	7 374	62	17 844	10 522	2 127
1992	94 828	5 747	44 078	10 949	123	20 244	10 745	2 942
1993	103 617	5 932	55 036	12 529	207	16 961	12 418	2 534
1994	114 682	6 471	59 450	13 531	236	17 681	14 149	3 164
1995	125 031	6 065	65 907	14 086	230	21 244	14 196	3 303
1996	137 955	6 347	73 459	15 557		25 035	14 123	3 434
1997	156 321	8 527	87 441	17 980		24 045	14 495	3 833
1998	176 455	9 335	102 087	21 244		24 134	15 781	3 874
1999	190 520	8 731	111 866	22 084		25 636	18 019	4 185
2000	197 631	7 792	116 047	22 254		27 798	18 851	4 888

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

Millions of N. T. Dollars

Year	Total	Public sector			Private sector			
		Sub-total	Government	Public industry	Sub-total	Private industry	Non-profit organization	Foreign
1989	54 789	26 127	19 601	6 526	28 662	27 293	1 100	269
1990	71 548	32 772	26 054	6 718	38 776	37 761	898	117
1991	81 765	42 574	35 109	7 465	39 191	37 222	755	1 214
1992	94 828	49 509	43 042	6 467	45 319	44 057	746	516
1993	103 617	50 732	44 251	6 481	52 885	50 722	2 057	106
1994	114 682	54 386	47 476	6 910	60 296	57 704	2 431	161
1995	125 031	54 694	47 451	7 243	70 337	67 638	2 591	108
1996	137 955	57 386	50 308	7 078	80 569	76 814	3 479	276
1997	156 321	62 830	53 639	9 191	93 491	90 464	2 898	129
1998	176 455	67 581	57 451	10 130	108 874	105 187	3 531	156
1999	190 520	72 127	61 433	10 694	118 394	114 214	4 069	110
2000	197 631	74 167	65 514	8 653	123 464	118 704	4 686	74

Table 54. Advanced studies for scientific and technical researchers

Persons

Fiscal 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
1972	-	129	-	27	-	39	-	40	-	23	-	-
1973	-	115	-	25	-	33	-	34	-	20	-	3
1974	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	93	-	18	-	31	-	24	-	18	-	2
1976	31	96	-	21	-	16	-	40	-	15	-	4
1977	29	130	-	20	-	38	-	50	-	16	-	6
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	254	5	41	34	68	42	45	16	86	-	14
1995	71	133	4	22	16	30	31	27	18	47	2	7
1996	76	174	1	28	23	43	30	16	19	81	3	6
1997	92	281	6	35	23	79	39	47	23	116	1	4
1998	102	234	3	37	30	76	41	28	26	90	2	3
1999	-	252	-	31	-	89	-	33	-	95	-	4
2000	-	287	-	34	-	91	-	50	-	107	-	5
2001	-	269	-	37	-	83	-	44	-	101	-	4

Table 55. Supporting research projects on science and technology

Fiscal Year	Total	Natural sciences	Engineering and Technology	Medical and agricultural sciences	Humanities and sciences	Education sciences	Others
Items							
1982	852	209	220	377	43	-	3
1983	1 070	215	290	447	54	8	56
1984	1 314	282	310	536	56	26	104
1985	1 750	339	522	663	88	42	96
1986	2 162	441	685	754	128	63	91
1987	2 543	536	870	893	175	69	-
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	6 650	1 141	2 887	1 562	718	252	90
1994	7 501	1 399	3 122	1 617	879	332	152
1995	7 991	1 438	3 454	1 638	902	449	110
1996	8 947	1 671	3 544	1 865	1 268	477	122
1997	9 739	1 791	3 745	2 014	1 592	435	162
1998	10 708	1 794	4 177	2 146	1 889	419	283
1999	11 035	1 836	4 217	2 222	2 085	401	274
2000	24 663	3 740	9 466	5 379	4 798	853	427
2001	13 778	2 033	5 313	2 878	2 571	616	367
Grants (Millions of N. T. Dollars)							
1982	375	75	92	151	12	-	44
1983	452	80	138	176	16	4	39
1984	609	149	123	237	20	8	73
1985	779	146	206	325	33	21	48
1986	1 033	210	332	365	47	29	49
1987	1 270	288	416	464	74	29	-
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	4 429	1 161	1 495	1 103	419	141	110
1995	4 538	1 263	1 407	1 190	382	191	106
1996	5 211	1 312	1 789	1 249	565	201	95
1997	5 017	1 322	1 660	1 172	580	191	91
1998	6 300	1 463	2 245	1 420	754	240	179
1999	7 023	1 684	2 447	1 655	815	254	168
2000	16 351	3 804	5 516	4 278	1 893	630	231
2001	9 724	2 335	3 296	2 294	1 041	544	215

Note : The fiscal year 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
1981	516	40	87	20
1982	604	40	99	18
1983	640	40	71	20
1984	735	39	118	17
1985	954	36	199	13
1986	1 176	35	269	13
1987	1 440	32	411	12
1988	1 835	28	536	11
1989	2 134	28	688	11
1990	2 680	27	861	11
1991	3 204	25	1 095	9
1992	4 315	23	1 252	9
1993	4 752	22	1 510	7
1994	5 829	20	1 814	7
1995	6 667	19	2 087	7
1996	7 497	18	2 419	7
1997	7 768	19	2 597	7
1998	8 616	19	3 805	5
1999	8 961	18	4 526	4
2000	9 224	19	5 806	4
2001	10 635	17	6 545	4

Table 57. Number of patents applied and granted

Cases

Year	Patents applied			Patents granted		
	Total	Chinese	Foreigner	Total	Chinese	Foreigner
1975	8 812	7 075	1 737	2 159	1 142	1 017
1976	8 071	5 974	2 097	1 449	650	799
1977	7 632	5 175	2 457	1 205	555	650
1978	8 770	5 741	3 029	1 395	764	1 031
1979	10 411	6 520	3 891	3 686	1 523	2 163
1980	13 016	8 490	4 526	6 633	2 770	3 863
1981	15 034	10 132	4 902	6 265	2 897	3 368
1982	16 328	10 525	5 803	7 462	3 784	3 678
1983	19 429	13 152	6 277	7 096	3 705	3 391
1984	22 014	14 551	7 463	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	42 145	29 308	12 837	20 232	13 992	6 240
1994	42 407	29 307	13 100	19 025	12 563	6 462
1995	43 462	28 900	14 562	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	42 241	25 812	16 429
2001	67 860	40 210	27 650	47 721	28 432	19 289

Table 58. Saturation rate of newspapers and magazines

Year	Newspaper		Magazine	
	Per hundred households	Saturation rate (%)	Per hundred households	Saturation rate (%)
1972	31.62	31.62	9.40	-
1973	33.67	-	7.93	-
1974	34.16	34.16	10.96	-
1975	37.41	37.41	9.47	-
1976	42.34	39.56	8.42	6.57
1977	50.91	47.68	9.86	7.86
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

Table 59. General conditions of culture and mass communication

Numbers

Year	Public libraries	Books published ¹	Newspapers	Magazines	News agencies	Publishing corporations	Audio industries
1972	46	8 216	31	1 370	43	1 534	122
1973	49	8 547	31	1 473	44	1 591	134
1974	49	2 799	31	1 398	44	1 567	126
1975	51	8 921	31	1 316	44	1 345	123
1976	54	9 107	31	1 459	44	1 485	138
1977	97	9 304	31	1 556	44	1 618	185
1978	110	9 416	31	1 502	44	1 769	242
1979	112	9 520	31	1 772	44	1 858	278
1980	146	8 876	31	1 982	44	2 011	336
1981	135	8 865	31	2 244	44	2 223	418
1982	142	8 776	31	2 331	44	2 228	474
1983	146	9 008	31	2 543	44	2 426	533
1984	149	9 256	31	2 661	44	2 547	519
1985	179	8 822	31	2 884	44	2 725	568
1986	201	10 255	31	3 027	44	2 909	607
1987	198	12 046	31	3 422	44	2 956	669
1988	204	11 982	122	3 922	133	3 190	706
1989	252	12 964	195	4 242	160	3 409	769
1990	324	16 156	211	4 337	181	3 238	740
1991	310	12 418	237	4 282	190	3 491	844
1992	331	13 501	270	4 474	205	3 765	943
1993	344	14 743	274	4 762	233	4 112	1 072
1994	358	24 483	300	5 096	222	4 439	1 202
1995	370	26 084	335	5 231	221	4 777	1 393
1996	414	24 876	362	5 493	242	5 253	1 598
1997	425	23 801	344	5 676	251	5 826	1 867
1998	408	30 868	360	5 884	238	6 380	1 939
1999	421	30 871	384	6 463	242	6 808	2 359
2000	468	34 533	445	6 641	260	7 093	2 355
2001	506	36 546	454	7 236	267	7 810	2 606

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

Table 60. General condition of historical

Year and locality	Total	By category of law						Old House
		National	Municipal	Counties (Cities)	1st Class	2nd Class	3rd Class	
1996	287	-	-	-	24	49	214	19
1997	303	24	54	225	-	-	-	21
1998	382	62	92	228	-	-	-	28
1999	427	7	58	65	24	50	223	41
2000	460	8	65	90	24	50	223	39
2001	486	11	66	112	24	50	223	41
Taiwan Province	340	4	4	100	20	35	177	22
Taipei Hsien	36	-	-	11	2	6	17	3
Yilan Hsien	6	-	-	5	-	-	1	1
Taoyuan Hsien	9	-	-	-	-	1	8	1
Hsinchu Hsien	12	-	-	3	1	-	8	4
Miaoli Hsien	6	-	-	2	-	1	3	-
Taichung Hsien	10	-	-	4	-	1	5	4
Changhwa Hsien	33	-	-	8	2	4	19	4
Nantou Hsien	14	-	-	2	1	-	11	-
Yunlin Hsien	5	-	-	-	-	1	4	-
Chiayi Hsien	8	-	-	-	1	1	6	-
Tainan Hsien	13	-	-	7	-	1	5	-
Kaohsiung Hsien	20	1	-	11	-	1	7	-
Pingtung Hsien	14	-	-	1	-	3	10	1
Taitung Hsien	4	-	-	1	2	-	1	-
Hwalien Hsien	5	-	-	-	-	-	5	-
Penghu Hsien	23	3	-	7	3	2	8	2
Keelung City	7	-	1	1	1	1	3	-
Hsinchu City	22	-	2	8	-	3	9	1
Taichung City	9	-	-	2	-	1	6	-
Chiayi City	10	-	-	7	-	-	3	-
Tainan City	74	-	1	20	7	8	38	1
Taipei Municipality	99	7	59	-	2	5	26	10
Kaohsiung Municipality	11	-	3	-	1	2	5	1
Fukien Province	36	-	-	12	1	8	15	8
Kinmen Hsien	33	-	-	12	1	7	13	8
Lienchiang Hsien	3	-	-	-	-	1	2	-

sites in Taiwan and Fukien area

Places

By kinds										
Temple	Castle & tower	Monu-mental shrine	Fort and strategic passage on the border	Study house	Tomb	Govern-ment office	Tablet	Light house	Relics	Others
134	13	15	17	12	19	6	7	4	12	29
137	13	15	17	12	19	7	7	4	12	39
143	13	15	18	12	19	16	7	4	13	94
151	13	15	18	12	26	15	7	4	14	111
155	15	15	21	12	26	12	12	4	15	134
163	15	15	19	13	27	14	10	4	16	149
137	13	9	16	11	16	5	7	1	13	90
11	-	-	2	2	4	2	4	-	2	6
2	-	-	-	-	-	-	-	-	-	3
7	-	-	-	-	-	-	-	-	-	1
8	-	-	-	-	-	-	-	-	-	-
2	-	1	-	-	1	-	-	-	-	2
1	-	1	-	1	1	-	-	-	-	2
24	-	-	-	2	-	-	-	-	-	3
3	-	-	-	3	1	-	-	-	2	5
4	-	-	-	1	-	-	-	-	-	-
7	-	-	-	-	1	-	-	-	-	-
10	-	-	-	-	1	-	-	-	-	2
2	2	-	-	1	2	-	-	-	1	12
3	2	-	3	1	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	4	-
1	-	-	-	-	-	-	1	-	3	-
6	2	-	2	-	-	-	2	1	-	8
-	-	-	5	-	-	-	-	-	1	1
7	1	4	-	-	1	1	-	-	-	7
6	-	-	-	-	-	-	-	-	-	3
3	-	-	-	-	1	-	-	-	-	6
30	6	3	4	-	3	2	-	-	-	25
17	1	3	1	1	2	7	-	-	3	54
2	1	-	2	1	1	1	-	1	-	1
7	-	3	-	-	8	1	3	2	-	4
7	-	3	-	-	8	1	2	-	-	4
-	-	-	-	-	-	-	1	2	-	-

Table 61. Average entertainment expenditure per person

N.T. Dollars

Year	Total	Traveling	Recreational and cultural services	Facilities and attachments	Newspapers, magazines and stationery
1987	3 707	1 466	585	959	697
1988	4 966	2 170	738	1 131	927
1989	5 728	2 590	878	1 258	1 002
1990	7 299	3 623	1 132	1 378	1 166
1991	7 609	3 738	1 150	1 517	1 204
1992	8 435	4 445	1 185	1 609	1 196
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

Table 62. Saturation rate of playground and recreational apparatuses

Year	Park & Greenbelt (Hectares)		Recreational apparatuses (Households/100 Households)				
	Total area	Area per 10 000 population	Color television sets	Videos	Radio and recorders	Stereos	Pianos
1987	47 435	24.11	95.78	37.66	62.68	34.09	8.02
1988	47 702	23.97	97.34	50.99	65.17	35.47	8.54
1989	48 133	23.94	97.80	58.93	69.19	35.04	9.41
1990	48 770	23.96	98.26	63.56	72.63	33.71	9.99
1991	50 576	24.60	99.16	68.94	74.08	35.23	10.46
1992	51 654	24.89	99.30	71.16	75.61	36.12	11.76
1993	57 696	27.55	99.25	69.24	73.09	36.93	10.93
1994	57 841	27.38	99.36	66.40	73.64	37.96	11.37
1995	57 750	27.11	99.29	62.19	73.96	39.24	11.77
1996	58 748	27.29	99.32	58.60	-	44.94	11.40
1997	60 689	27.91	99.47	57.07	-	47.15	11.44
1998	60 977	27.81	99.17	55.22	-	48.18	11.59
1999	61 002	27.61	99.31	50.72	-	48.75	11.00
2000	71 963	32.30	99.45	46.72	-	50.43	10.80
2001	4 189	2.40	99.29	43.12	-	49.84	10.92

Note : Total area of park and greenbelt referred to the total playground before 2000, since 2001 it referred to the area in urban planning area

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, tobacco and wine consumption, and medical expenditure. Data on medical care facilities, health personnel, and death rates of the leading causes, infant and maternal are obtained from the official statistics contained in the *Health and Vital Statistics*, an annual report published by the Department of Health. Data on tobacco and wine consumption come from the official statistics contained in the *Taiwan Tobacco and Wine Statistics Yearbook* published by the Taiwan Tobacco and Wine Monopoly Bureau. Data on nutrient supply and medical expenditure are obtained from the *Taiwan Agriculture Yearbook* published by the Council of Agriculture and from the *National Income in Taiwan Area, R.O.C.* published by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan. On the front of environment, this chapter includes information of air pollution, pollution of rivers, environmental noise monitoring, collection and disposal of refuse, pollution control and abatement expenditure of industries, natural protected area and water withdrawal. All of the data come from the official statistics contained in the *Yearbook of Environmental Statistics* published by the Environmental Protection Administration, except for information on pollution control and abatement expenditure of factories which comes from the factory registration check and construction industrial survey conducted by the Ministry of Economic Affairs and data on natural protected area and water withdrawal are from the Council of Agriculture and Water Resources Planning Commission, 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,

PSI value cross reference table
(Under conditions of 25 and 760 mm Hg)

PSI value	24-hr.	24-hr.		8-hr.		1-hr.		1-hr.	
	PM ₁₀	SO ₂		CO		O ₃		NO ₂	
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	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

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.

Pollution Level of Major River -- -- The pollution Level of river is measured by the average points converted from dissolved oxygen (DO), biological oxygen demand (BOD₅), suspended solid (S.S.), and ammonium nitrate (NH₃-N) found in water.

Level of river pollution

Category	Degree	Non - polluted	Light - polluted	Medium - polluted	Heavy - polluted
DO	(mg/l)	Over 6.5	4.6 ~ 6.5	2.0 ~ 4.5	Under 2.0
BOD₅	(mg/l)	Under 3.0	3.0 ~ 4.9	5.0 ~ 15	Over 15
S.S.	(mg/l)	Under 20	20 ~ 49	50 ~ 100	Over 100
NH₃-N	(mg/l)	Under 0.5	0.5 ~ 0.99	1 ~ 3	Over 30
Points		1	3	6	10
Average		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 exceeds 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 ^{1,2}			Beds ¹	
	Total (Numbers)	Per medical care facility		Total (Numbers)	Number of beds per 10 000 population
		Area served (Km ²)	Population served (Persons)		
1972	7 147	5.03	2 139	25 691	16.80
1973	7 525	4.78	2 068	28 418	18.26
1974	8 214	4.38	1 930	28 167	17.77
1975	9 241	3.89	1 748	30 438	18.85
1976	9 344	3.85	1 767	32 452	19.66
1977	9 614	3.74	1 749	37 533	22.32
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	2.95	1 629	88 572	44.50
1989	12 267	2.93	1 639	86 693	43.11
1990	12 902	2.79	1 578	89 151	43.80
1991	13 661	2.64	1 505	92 785	45.14
1992	14 468	2.49	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

Notes : ¹ Figures before 1971 were the numbers of provincial, hsien and city medical facilities and their beds; while figures after 1971 were the numbers of public and private hospitals and clinics and their beds.

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

³ Data included Taiwan-Fukien area beginning 1994.

Table 64. Number of health personnel

End of Year	Number of health personnel							
	Total (persons)	Physicians	Dentists	Pharmacists & assistants	Nurses	Medical laboratory technicians & assistants	Medical radio- technologists & technicians	Others
1972	19 094	41.73	4.89	20.08	20.11	-	-	13.19
1973	20 447	40.92	4.88	21.08	20.24	-	-	12.88
1974	22 457	41.48	4.68	22.91	18.89	-	-	12.04
1975	26 597	40.30	4.58	25.88	18.49	-	-	10.75
1976	32 008	35.49	4.27	24.29	26.74	-	-	9.21
1977	34 743	34.82	4.43	25.31	26.43	-	-	9.01
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

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

² Data included Taiwan-Fukien area beginning 1994.

Table 65. Tobacco and wine consumption and health expenditure

N. T. Dollars

Year	Consumption of tobacco per capita		Consumption of wine per capita		Medical care and ¹ health expenditure per capita	
	Per capita consumption (Pieces)	At current price	Per capita consumption (Liters)	At current price	At current price	At 1996 constant price
1972	1 062	419	13	315	460	1 701
1973	1 144	480	16	385	574	1 980
1974	1 129	639	15	485	745	2 235
1975	1 222	738	16	528	905	2 398
1976	1 329	93	17	579	1 048	2 648
1977	1 305	905	19	690	1 153	2 745
1978	1 355	973	22	835	1 374	3 086
1979	1 407	1 030	26	984	1 673	3 452
1980	1 386	1 236	26	1 238	1 991	3 579
1981	1 403	1 412	25	1 357	2 602	3 582
1982	1 483	1 498	26	1 473	2 849	3 839
1983	1 631	1 642	27	1 688	2 948	4 013
1984	1 667	1 723	28	1 823	3 207	4 264
1985	1 676	1 711	29	1 845	3 412	4 450
1986	1 604	1 668	30	1 928	3 648	4 748
1987	1 758	2 046	33	2 331	4 050	5 250
1988	1 732	1 971	33	2 391	4 694	6 093
1989	1 748	1 996	35	2 583	5 621	6 825
1990	1 717	1 975	36	2 706	6 957	8 116
1991	1 812	2 104	36	2 903	8 555	9 718
1992	1 766	2 098	36	3 242	9 976	10 778
1993	1 731	2 090	36	3 699	11 355	12 045
1994	1 746	2 149	38	3 901	12 565	13 102
1995	1 775	2 232	39	4 011	14 870	15 111
1996	1 759	2 409	36	3 609	16 705	16 705
1997	1 842	2 637	38	4 033	18 439	18 068
1998	1 837	2 719	38	3 575	20 181	19 601
1999	1 860	2 847	36	3 464	21 963	21 121
2000	1 842	2 895	35	3 401	23 057	21 894
2001	2 082	3 348	34	3 012	24 145	22 698

Note : ¹ The statistical series included private consumption expenditure for medical care and health only.

Table 66. Death rates of the leading

Year	Death rates by the				
	Malignant neoplasms	Cerebrovascular disease	Heart disease	Accident	Diabetes mellitus
1972	59.21	71.43	38.39	46.67	...
1973	61.89	73.39	40.68	50.04	...
1974	62.27	73.30	41.12	51.84	...
1975	63.51	71.88	44.10	54.06	...
1976	64.04	74.40	43.46	53.46	5.08
1977	67.51	76.16	42.33	57.15	6.15
1978	70.28	78.00	38.73	60.87	6.49
1979	70.58	75.51	40.64	64.40	6.95
1980	75.09	75.35	43.37	63.99	7.91
1981	76.59	79.03	42.88	64.64	8.98
1982	78.66	77.99	43.82	60.37	10.82
1983	81.65	80.56	47.44	60.25	12.63
1984	81.95	78.43	45.97	61.25	14.24
1985	85.02	76.42	43.52	58.97	15.31
1986	85.55	76.78	51.42	62.96	15.34
1987	88.64	73.99	57.30	66.57	16.80
1988	92.14	76.14	54.76	69.38	19.62
1989	94.36	72.28	53.48	70.22	19.33
1990	91.63	70.06	56.87	68.85	19.57
1991	95.97	69.11	58.79	66.66	20.58
1992	101.47	69.35	62.91	63.68	23.66
1993	107.05	65.62	59.99	63.65	25.74
1994	110.58	64.77	56.93	62.69	28.90
1995	121.50	66.45	52.93	61.05	33.97
1996	130.41	65.03	52.58	57.93	35.10
1997	134.10	59.56	49.71	52.22	34.67
1998	134.00	58.18	50.51	50.25	34.49
1999	135.32	57.39	51.33	58.88	40.99
2000	142.23	60.10	47.56	47.40	42.60
2001	147.68	58.82	49.25	42.58	40.79

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

² 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)
Chronic liver disease and cirrhosis	Nephritis ¹ , nephrotic syndrome and nephrosis	Pneumonia	Suicide	Hypertensive disease		
14.52	11.52	25.83	...	11.80	14.02	34.72
16.11	11.11	28.99	...	13.17	14.08	40.33
15.63	10.93	27.00	...	12.31	12.94	32.35
16.06	9.62	25.91	...	14.34	12.57	24.75
16.45	9.41	24.45	8.75	14.40	10.60	29.53
16.50	9.74	23.08	9.49	16.70	11.47	29.56
17.22	9.00	18.71	9.92	17.09	9.91	22.48
17.03	7.82	18.81	9.91	17.86	9.55	17.28
16.92	7.59	19.25	9.97	18.43	9.83	18.66
17.11	12.96	15.77	11.34	17.51	8.86	19.38
16.95	11.60	12.31	12.30	17.61	8.08	19.06
17.11	11.59	11.34	12.00	18.47	7.64	17.01
16.65	11.29	9.59	10.87	17.50	6.86	14.06
16.48	11.53	10.61	11.92	18.08	6.78	9.85
16.63	11.02	12.29	11.68	17.30	6.29	9.41
16.66	10.80	12.44	9.46	15.76	5.08	8.94
17.85	10.43	13.08	9.05	15.88	5.34	9.09
17.75	10.47	14.73	7.86	14.83	5.71	12.72
17.82	11.39	16.60	6.72	14.79	5.27	11.94
17.60	12.35	12.93	7.16	12.18	5.05	7.78
18.15	14.21	14.07	6.69	11.14	5.18	6.85
18.01	13.71	13.50	6.24	10.96	4.80	8.92
19.74	15.23	13.71	6.88	10.39	5.07	8.05
20.95	16.55	14.44	7.61	12.30	6.43	7.59
21.50	16.54	14.92	8.61	12.39	6.66	7.68
22.03	16.20	16.73	10.04	12.07	6.35	9.20
22.62	15.73	20.37	9.97	10.41	6.57	8.84
23.53	15.78	18.20	10.36	8.43	6.07	8.46
23.32	17.45	14.88	11.14	7.22	5.86	7.86
23.45	18.15	16.77	12.45	7.90	5.99	6.91

Table 67. Daily nutrient

Year	Energy (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)
1971	2 673.7	72.4	64.1	439.2	376.8
1972	2 737.5	74.6	68.8	442.0	385.9
1973	2 753.7	73.7	72.0	438.7	380.3
1974	2 780.0	74.2	66.7	456.5	407.1
1975	2 721.7	74.7	67.5	440.4	423.8
1976	2 770.5	75.9	73.4	434.6	441.1
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	3 053.8	98.6	126.7	368.3	643.5
1997	3 135.1	101.8	131.0	374.4	654.6
1998	2 973.6	95.9	121.0	362.6	589.7
1999	3 047.8	98.0	127.1	367.6	618.4
2000	3 047.3	97.1	123.3	376.7	602.4

Source : "Taiwan Food Supply and Utilization," by Council of Agriculture, Executive Yuan.

consumption per capita

Phosphorus (Milligrams)	Iron (Milligrams)	Vitamin A value (International unit)	Thiamine (Milligrams)	Riboflavin (Milligrams)	Niacin value (Milligrams)	Ascorbic acid (Milligrams)
1 195.3	12.2	4 662.9	1.5	0.8	15.6	99.6
1 214.8	12.3	4 282.1	1.5	0.9	15.7	88.6
1 194.8	12.2	4 495.8	1.5	0.8	15.5	98.0
1 220.7	12.4	4 629.2	1.5	0.8	15.7	114.7
1 229.3	12.9	4 695.8	1.5	0.8	15.5	116.1
1 245.7	13.2	5 072.2	1.6	0.9	15.9	123.1
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
1 362.0	14.2	8 596.1	1.6	1.6	16.7	143.9
1 390.2	14.2	8 514.7	1.6	1.6	17.3	157.8
1 302.6	12.8	8 368.6	1.6	1.5	17.1	141.5
1 334.8	13.3	9 109.8	1.6	1.6	17.6	167.0
1 313.0	13.2	8 657.2	1.6	1.6	17.2	150.9

Table 68. Number of patients of notifiable diseases

Persons

End of Year	Pulmonary tuberculosis	Dysentery	Typhoid & paratyphoid fever	Acute viral hepatitis	Scarlet fever	AIDS	Dengue fever
1972	-	28	65	2	-	-	-
1973	-	27	75	3	-	-	-
1974	-	18	93	5	-	-	-
1975	-	7	77	2	-	-	-
1976	-	13	130	1	-	-	-
1977	-	8	96	1	-	-	-
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	10 441	588	42	19	11	33	0
1994	10 327	220	48	406	219	66	244
1995	10 815	573	47	957	105	100	364
1996	12 547	263	68	534	199	161	53
1997	16 196	426	54	481	168	133	75
1998	12 897	446	78	568	232	151	334
1999	12 344	265	61	497	166	175	66
2000	12 917	644	45	294	510	152	139
2001	11 715	1 632	70	786	556	151	270

Table 69. Nature protected areas

Year	Total sizes (Hectares)	Total sizes as % of national territory (%)	Protected area per 1 000 inhabitants (Ha./1 000 Persons)
1972	-	-	-
1973	-	-	-
1974	6 249	0.2	0.4
1975	14 031	0.4	0.9
1976	14 031	0.4	0.9
1977	21 101	0.6	1.3
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	2.6	4.9
1985	209 234	5.8	10.9
1986	302 524	8.4	15.6
1987	302 524	8.4	15.4
1988	349 524	9.7	17.6
1989	349 524	9.7	17.4
1990	349 524	9.7	17.2
1991	351 250	9.8	17.1
1992	471 909	13.1	22.7
1993	472 530	13.1	22.6
1994	473 213	13.1	22.4
1995	479 938	13.3	22.5
1996	480 144	13.3	22.4
1997	480 200	13.3	22.1
1998	491 907	13.7	22.5
1999	491 978	13.7	22.3
2000	727 229	20.2	32.7
2001	729 371	20.3	32.6

Table 70. Concentration

Year	Dustfall (Ton/Km ² /Month)	Total suspended particulates ($\mu\text{g}/\text{m}^3$)	Suspended particulates ($\mu\text{g}/\text{m}^3$)	Sulfur Dioxide
1992	9.15	166.19	90.32	0.026
1993	9.50	148.73	78.68	0.026
1994	9.38	141.88	70.51	0.009
1995	8.22	141.36	67.48	0.009
1996	7.77	125.62	64.47	0.007
1997	7.71	117.29	62.72	0.006
1998	6.49	103.54	58.15	0.006
1999	5.68	101.53	59.95	0.005
2000	5.26	97.23	59.37	0.004
2001	5.41	98.15	57.87	0.004

Note : Data referred to general air quality monitoring stations. There were 55 monitoring stations from 1994, increased to 57 monitoring stations from 1997; Data not including stations monitoring hours less than 6 000 hours after 1994.

Table 71. Pollutant

Year	Number of days monitored (Days)	PSI (Days)					The ratio of days with PSI > 100 to days monitored (%)
		Good 0-50	Moderate 51-100	Unhealthful 101-200	Very unhealthful 201-300	Hazardous 301	
1987	6 767	1 296	4 298	824	324	25	17.3
1988	6 506	1 145	4 379	770	208	4	15.1
1989	6 497	1 120	4 327	979	67	4	16.2
1990	6 673	1 232	4 351	1 043	47	0	16.3
1991	6 907	1 131	4 654	1 087	33	2	16.2
1992	6 583	1 006	4 832	740	5	0	11.3
1993	4 758	769	3 600	384	5	0	8.2
1994	23 875	8 216	14 028	1 629	2	0	6.8
1995	23 949	8 880	13 697	1 369	3	0	5.7
1996	25 427	10 271	13 600	1 546	10	0	6.1
1997	25 600	10 411	13 851	1 330	8	0	5.2
1998	25 810	12 381	12 239	1 186	4	0	4.6
1999	25 687	11 991	12 492	1 203	1	0	4.7
2000	25 510	11 590	12 599	1 321	0	0	5.2
2001	25 408	10 824	13 716	868	0	0	3.4

Note : Data referred to total air quality monitoring stations. There were 66 monitoring stations from Jan. 1996, increased to 71 monitoring stations in July and 70 monitoring stations from 2000.

of air pollutants

ppm

Carbon monoxide	Nitrogen dioxide	Hydrocarbons (Non-methane)	Ozone
3.28	0.029	0.90	0.044
3.02	0.031	0.83	0.039
1.39	0.024	0.52	0.051
0.92	0.024	0.53	0.052
0.96	0.024	0.58	0.054
1.03	0.024	0.57	0.054
0.81	0.023	0.41	0.053
0.74	0.023	0.37	0.054
0.70	0.022	0.30	0.054
0.73	0.021	0.37	0.057

standard indices (PSI)

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

Suspended particulates	Sulfur dioxide	Carbon monoxide	Ozone	Nitrogen dioxide
85.8	0.2	6.9	6.8	0.2
86.3	1.6	9.1	1.5	0.0
71.7	3.9	17.6	6.7	0.1
75.6	1.6	14.1	8.7	0.0
80.3	3.3	13.0	3.3	0.1
88.1	7.8	0.5	3.6	0.0
69.7	2.0	19.8	8.5	0.0
72.8	1.7	2.6	22.8	0.0
69.7	2.6	1.0	26.7	0.0
61.3	0.6	1.1	37.0	0.0
46.9	0.0	0.7	52.4	0.0
46.1	0.0	0.0	53.9	0.0
46.8	0.0	0.1	53.1	0.0
66.8	0.0	0.1	33.1	0.0
41.7	0.0	0.0	58.3	0.0

Table 72. General quality of major rivers

mg/l					
Year and river	DO	BOD ₅	S.S.	NH ₃ -N	
1980	5.2	26.6	247.8	2.61	
1981	5.8	13.0	218.7	2.87	
1982	5.4	10.9	91.5	2.20	
1983	6.2	8.3	194.6	1.19	
1984	6.0	7.7	58.2	1.13	
1985	5.2	9.6	60.6	1.71	
1986	4.7	11.1	53.9	2.00	
1987	5.0	12.4	47.3	2.57	
1988	5.2	12.4	127.6	2.28	
1989	5.1	14.7	149.3	2.49	
1990	5.8	10.2	124.9	2.02	
1991	5.4	10.3	47.4	3.56	
1992	6.5	6.6	77.4	2.01	
1993	6.1	8.1	63.9	2.99	
1994	6.3	6.5	94.0	2.76	
1995	6.2	8.2	176.7	3.33	
1996	5.7	7.3	122.6	4.66	
1997	5.9	6.6	124.6	3.49	
1998	6.1	5.4	122.9	3.06	
1999	7.1	4.1	114.2	1.80	
2000	7.0	4.2	93.8	2.30	
2001	6.1	6.6	191.2	4.17	
Lan-yang stream	8.0	1.1	151.7	0.05	
Tan-shui river	4.4	4.1	272.5	2.37	
Tou-chien stream	8.6	1.9	17.6	0.18	
Hou-lung stream	7.4	3.5	136.1	1.08	
Ta-an stream	8.4	1.8	402.1	0.20	
Ta-chia stream	8.7	1.8	240.4	0.21	
Wu stream	6.8	6.1	318.5	0.76	
Cho-shui stream	8.5	2.5	2 304.1	0.31	
Pei-kang stream	4.0	11.7	183.6	3.63	
Po-tzu stream	4.0	12.0	33.4	9.44	
Pa-chang stream	6.7	11.0	55.3	2.25	
Chi-shui stream	4.4	11.2	21.1	28.91	
Tseng-wen stream	7.7	4.2	118.6	1.14	
Yen-shui stream	4.3	9.2	75.4	3.47	
Erh-jen stream	2.6	25.4	40.2	25.54	
Kao-ping stream	7.2	2.5	97.4	0.72	
Tung-kang stream	2.6	8.7	20.3	4.18	
Lin-pien stream	7.0	3.3	39.6	0.42	
Pei-nan stream	-	-	-	-	
Hsiu-ku-luan stream	-	-	-	-	
Hua-lien stream	-	-	-	-	

Table 73. Pollution level of major rivers

%

Year and river	Non-polluted	Light-polluted	Medium-polluted	Heavy-polluted
1987	70.9	6.4	11.3	11.4
1988	67.5	9.9	11.6	11.0
1989	68.3	6.8	12.8	12.0
1990	66.9	8.0	14.8	10.3
1991	67.5	8.1	11.7	12.7
1992	61.4	12.5	15.7	10.4
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
Lan-yang stream	100.0	-	-	-
Tan-shui river	-	1.3	51.3	47.4
Tou-chien stream	100.0	-	-	-
Hou-lung stream	23.9	23.8	43.1	9.2
Ta-an stream	100.0	-	-	-
Ta-chia stream	18.7	18.7	62.6	-
Wu stream	77.4	4.8	17.9	-
Cho-shui stream	100.0	-	-	-
Pei-kang stream	3.5	3.4	3.4	89.7
Po-tzu stream	13.4	20.2	38.5	27.9
Pa-chang stream	36.5	4.0	22.4	37.2
Chi-shui stream	19.1	3.0	3.0	75.0
Tseng-wen stream	60.1	6.3	33.6	-
Yen-shui stream	13.4	16.5	17.7	52.4
Erh-jen stream	5.0	4.9	26.8	63.3
Kao-ping stream	65.3	11.7	23.0	-
Tung-kang stream	13.6	13.6	58.1	14.7
Lin-pien stream	90.6	9.4	-	-
Pei-nan stream	100.0	-	-	-
Hsiu-ku-luan stream	54.6	45.4	-	-
Hua-lien stream	67.0	33.0	-	-

Table 74. Environmental

Year & Noise Items	No. of Monitoring Stations (No. of Stations)	Percentage of Over-standard	
		Total	Control Area I
Traffic Noise Monitoring			
1993	-	-	-
1994	87	7.2	7.5
1995	74	8.8	12.5
1996	99	8.3	9.4
1997	96	6.3	5.0
1998	89	3.7	0.0
1999	143	7.9	13.6
2000	148	6.1	0.0
2001	113	8.2	0.0
General Noise Monitoring			
1999	127	47.6	86.4
2000	117	40.0	75.0
2001	104	32.7	77.8

Table 75. Collection and

Fiscal year	Population in served area (1 000 persons)	Population in served area as % of total population (%)	Refuse amount collected per day (M.T.)	Disposal	
				Resource Recovery ¹	Landfill
1987	18 426	94.3	14 475	-	89.1
1988	18 734	95.2	16 116	-	91.2
1989	19 132	95.6	17 147	-	89.0
1990	19 468	96.4	18 753	-	88.0
1991	19 823	96.9	19 833	-	93.0
1992	20 105	97.4	21 861	-	90.4
1993	20 450	98.5	22 513	-	91.8
1994	20 754	98.7	23 268	-	89.9
1995	20 972	98.0	23 857	-	79.3
1996	21 039	98.5	23 870	-	79.2
1997	21 280	98.8	24 331	-	75.1
1998	21 441	98.5	24 330	1.2	74.4
1999	21 684	98.8	23 468	1.7	71.4
2000	22 039	99.2	21 518	5.7	54.1
2001	22 221	99.5	19 876	7.5	43.7

Note: ¹ The amount of resource recovery includes the data of community, school and organization from July 1999.

² The category of "others" includes "the resource recovery" before 1997.

noise monitoring (Leq)

by Control Area (%)			
Control Area II	Control Area III	Control Area IV	
-	-	-	-
14.3	3.2	6.0	
13.3	4.8	8.3	
19.6	4.9	0.9	
0.6	2.3	7.4	
8.3	2.4	2.1	
14.3	4.6	0.9	
13.0	4.0	0.0	
15.4	3.5	8.9	
73.9	42.4	5.2	
58.8	44.5	0.0	
53.8	25.8	3.3	

disposal of refuse

method (%)			Refuse per capita per day (K.G.)	Solid waste collection and treatment personnel (Persons)	Equipment for collection & disposal of solid waste (Vehicles)
Composting	Incineration	Others ²			
0.3	0.5	10.1	0.78	19 992	7 280
0.2	1.5	7.1	0.86	20 248	7 425
0.2	1.4	9.4	0.90	20 863	7 435
1.7	1.1	9.2	0.96	24 463	7 084
0.1	0.4	6.5	1.00	26 078	7 994
0.1	3.2	6.3	1.09	26 528	7 518
0.0	3.0	5.2	1.10	27 711	7 970
0.0	4.9	5.2	1.12	28 290	7 874
0.1	14.9	5.7	1.14	28 545	8 046
0.0	15.6	5.2	1.14	28 994	8 251
0.2	19.1	5.6	1.14	29 620	8 619
0.0	19.4	5.0	1.14	30 192	9 270
0.2	23.2	3.5	1.08	30 585	9 745
0.0	38.7	1.5	0.98	31 512	9 829
0.0	47.7	1.1	0.89	29 434	11 342

Table 76. Expenditure of departments

Fiscal year & district	Total ¹	Expenditure on environmental protection as % of GDP	Ordinary administration	Comprehensive planning	Air quality ² protection & noise control	Water quality protection	Solid waste management
1993	31 633 428	0.56	2 914 757	812 998	538 786	863 711	11 647 794
1994	34 490 989	0.56	3 375 933	800 501	486 496	788 210	12 888 340
1995	29 530 268	0.44	3 470 348	745 146	391 336	533 607	13 209 767
1996	35 118 334	0.48	3 361 806	1 368 482	6 294 912	536 557	15 706 748
1997	39 317 667	0.49	4 511 164	1 016 007	4 524 275	481 490	18 001 608
1998	44 030 282	0.51	4 619 141	832 333	4 779 014	752 986	19 772 119
1999	54 064 459	0.59	5 436 537	450 728	543 596	896 601	22 191 121
2000	79 182 449	0.55	7 846 245	995 194	565 829	1 592 876	37 885 807
2001	46 894 616	0.49	5 608 672	324 088	241 670	685 778	35 015 481
2002	43 549 131	...	6 699 028	247 887	244 582	1 412 000	29 316 079
E.P.A.	9 356 076	-	777 460	135 841	15 595	1 288 775	5 815 806
Taiwan Prov.	24 484 885	-	4 515 184	93 782	208 998	110 031	16 456 491
Taipei H.	6 722 015	-	942 286	5 072	10 799	14 621	5 025 996
Yilan H.	462 455	-	98 189	14 517	4 000	3 607	312 817
Taoyuan H.	2 710 911	-	641 233	11 195	9 093	17 867	1 450 050
Hsinchu H.	468 383	-	70 650	7 664	1 540	8 891	319 006
Miaoli H.	537 772	-	50 180	2 489	521	6 184	425 755
Taichung H.	1 724 445	-	369 948	9 619	2 783	3 458	1 192 712
Changhua H.	1 127 934	-	198 000	4 274	2 564	6 331	800 784
Nantou H.	475 375	-	49 354	1 081	-	736	406 207
Yunlin H.	596 387	-	113 491	-	4 739	4 211	435 461
Chiayi H.	537 941	-	83 050	4 100	4 147	1 200	345 117
Tainan H.	1 501 438	-	160 575	2 074	1 316	4 491	1 100 977
Kaohsiung H.	1 892 784	-	91 401	3 482	462	9 757	1 602 373
Pingtung H.	824 871	-	160 470	8 063	44 059	9 241	577 843
Taitung H.	360 134	-	10 672	1 433	-	2 393	157 562
Hualien H.	464 627	-	102 406	3 440	84 097	11 200	204 723
Penghu H.	202 666	-	42 007	1 059	609	40	80 993
Keelung C.	522 812	-	187 778	3 044	1 321	960	276 895
Hsinchu C.	843 550	-	258 403	3 354	991	838	543 054
Taichung C.	1 170 556	-	521 455	5 621	34 878	3 566	246 071
Chiayi C.	433 243	-	239 472	1 371	918	160	187 257
Tainan C.	904 586	-	124 164	830	161	279	764 838
Taipei Mun.	6 379 208	-	613 053	14 478	16 574	3 282	5 025 238
Kaohsiung Mun.	3 328 962	-	793 331	3 786	3 415	9 912	2 018 544

Note : ¹Refer to budget of environmental protection. ²Data of E.P.A. including the Fund of Air Quality Protection.
The fiscal year 2000 is from July 1,1999 to December 31,2000.

of environment protection

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
					Air pollution & noise	Water pollution	Solid waste disposal	
1 008 850	489 897	236 766	301 813	527 502	-	37 440	12 233 959	19 155
1 002 606	492 907	215 648	242 833	744 702	-	35 000	13 402 865	14 948
725 877	398 676	263 369	257 168	582 773	-	5 000	8 930 897	16 304
743 077	394 095	358 723	242 356	1 167 765	8 000	12 500	4 890 710	32 603
1 021 218	380 168	291 023	239 288	2 695 110	420	550 000	5 542 038	63 858
967 916	382 027	295 547	241 127	3 423 762	-	45 700	7 895 270	23 340
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	-	-	-	306 223
870 763	782 952	378 362	118 388	2 633 734	-	-	-	792 921
287 845	589 172	321 747	66 155	1 702	-	-	-	4 660
490 829	52 244	19 528	30 592	1 994 531	-	-	-	511 558
2 581	9 939	2 457	1 080	456 249	-	-	-	249 872
18 281	-	-	440	10 604	-	-	-	-
22 409	8 663	-	6 553	540 767	-	-	-	3 081
10 750	-	500	680	48 702	-	-	-	-
3 046	5 350	490	1 460	42 152	-	-	-	145
-	16 162	-	1 000	128 763	-	-	-	-
-	36	850	1 100	113 995	-	-	-	-
5 550	1 304	3 023	750	6 538	-	-	-	832
8 294	1 324	-	1 099	27 768	-	-	-	-
5 500	66	4 300	849	89 558	-	-	-	-
19 927	2 118	518	941	208 501	-	-	-	-
7 718	-	-	1 393	176 198	-	-	-	-
8 052	4 157	-	4 717	8 269	-	-	-	-
500	-	-	-	310	-	-	-	187 264
3 119	-	4 996	500	30 146	-	-	-	20 000
1 328	85	40	363	76 142	-	-	-	-
549	166	-	4 018	5 717	-	-	-	42 364
33 285	-	1 494	2 034	97	-	-	-	-
337 672	1 200	860	1 178	18 055	-	-	-	-
2 117	1 674	-	274	-	-	-	-	-
151	-	-	163	6 000	-	-	-	8 000
70 466	130 878	20 871	17 242	191 301	-	-	-	275 825
21 623	10 658	16 216	4 399	446 200	-	-	-	878

Table 77. Pollution control and abatement

Year & type of industries	Investment			
	Total	Waste water	Waste gas	Solid waste
1989	20 056	9 116	8 617	872
1990	21 384	9 613	8 226	2 172
1992	30 277	15 997	10 890	1 836
1993	28 342	11 752	11 025	4 685
1994	18 823	8 156	8 028	1 795
1995	18 489	7 811	7 969	1 923
1997	14 460	6 713	5 718	1 288
1998	15 519	7 992	5 847	1 214
1999	13 004	5 741	4 005	2 748
2000	14 473	6 174	5 988	1 859
Food & beverages	501	363	51	75
Tobacco	16	7	6	2
Textile mill products	591	436	44	72
Wearing apparel & accessories	12	7	0	5
Leather & fur products	75	64	4	6
Wood & bamboo products	12	1	2	9
Furniture & fixtures	11	4	3	4
Pulp paper & paper products	443	90	47	300
Printing processings	47	28	13	2
Chemical materials	3 806	2 341	1 234	210
Chemical products	275	148	85	36
Petroleum & coal products	272	59	165	37
Rubber products	43	22	7	12
Plastic products	538	129	160	226
Non-metallic mineral products	190	72	64	45
Basic metal industries	905	221	372	264
Fabricated metal products	230	104	73	31
Machinery & equip. & Manufacturing	107	40	35	12
Computer,comm. & video & radio	190	79	77	28
Electronic parts & components	5 562	1 782	3 325	325
Electrical machinery & equipment	349	69	136	108
Transport equipment & manufacturing	163	45	46	20
Precision,optical,medical equip.	27	23	3	1
Other industrial products	94	33	31	26
Non-manufacturing	13	6	3	3

Note : Data refer to Taiwan-Fukien Area after 1992.

expenditure of the factory

Million of N.T. Dollars

Noise	Running cost					Noise
	Total	Waste water	Waste gas	Solid waste		
1 451	9 401	5 514	2 194	1 288		406
1 373	10 515	5 851	2 757	1 468		439
1 555	12 075	6 726	3 065	1 781		502
881	11 675	6 793	2 589	1 843		499
844	11 532	...	...	...		...
786	13 828	...	...	...		...
740	14 269	...	...	...		...
467	13 639	...	...	...		...
510	20 068	...	...	...		...
453	15 334	...	...	...		...
11	1 068	...	...	...		...
-	13	...	...	...		...
40	1 514	...	...	...		...
0	23	...	...	...		...
0	203	...	...	...		...
0	46	...	...	...		...
0	45	...	...	...		...
5	1 261	...	...	...		...
5	79	...	...	...		...
20	1 979	...	...	...		...
7	555	...	...	...		...
11	339	...	...	...		...
1	133	...	...	...		...
22	451	...	...	...		...
9	646	...	...	...		...
48	2 135	...	...	...		...
23	541	...	...	...		...
20	252	...	...	...		...
6	298	...	...	...		...
130	2 829	...	...	...		...
36	366	...	...	...		...
51	379	...	...	...		...
0	32	...	...	...		...
5	118	...	...	...		...
0	29	...	...	...		...

Table 78. Water withdrawal

Year	Per capita annual withdrawal (M ³)	Percentage of ¹ available resources (%)	Water supply service's ratio (%)
1972	981.9	18.4	44.0
1973	953.9	18.2	46.3
1974	1 015.9	20.1	48.7
1975	1 034.0	20.2	50.3
1976	1 003.5	20.0	53.7
1977	997.3	19.9	57.8
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	19.7	84.2
1992	852.6	15.5	85.1
1993	818.5	26.1	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	...	...	90.5

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

JUSTICE AND PUBLIC SAFETY

This chapter is concerned with information on status and treatment of crimes, traffic accidents, and fire accidents. Data on status of crimes and traffic accidents are obtained from the official statistics contained in the *Statistics Annual Report of Police Affairs, R.O.C.*, an annual report published by the National Police 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 (Cases/100 000 pop.)
	Total (Cases)	Larceny & automobile thief (%)	Violent crime (%)	Gambling (%)	Drug offenses (%)	
1972	36 911	55.38	-	2.28	-	243.8
1973	38 415	54.51	-	4.09	-	249.0
1974	41 732	53.81	-	3.76	-	265.7
1975	45 824	48.20	-	4.49	-	286.4
1976	43 936	43.48	-	7.29	-	269.1
1977	47 868	41.57	7.15	9.28	-	287.3
1978	48 640	45.96	6.98	5.58	-	286.5
1979	52 512	45.75	6.92	6.20	-	303.4
1980	52 350	50.91	7.35	4.77	1.25	296.7
1981	51 292	56.38	6.93	4.20	2.57	285.4
1982	44 622	56.56	8.69	4.01	2.29	243.9
1983	51 427	56.14	8.53	4.16	1.93	276.6
1984	52 168	53.61	8.47	5.32	1.87	276.4
1985	60 707	48.88	9.13	5.79	2.05	317.3
1986	179 990	75.18	3.50	4.48	1.18	929.9
1987	184 328	71.82	3.31	7.72	1.14	942.2
1988	219 713	78.24	3.09	5.42	0.95	1 110.3
1989	260 927	81.60	3.00	4.87	0.97	1 304.3
1990	280 393	82.40	3.56	4.17	1.60	1 386.0
1991	304 141	74.30	2.85	7.10	6.54	1 486.9
1992	289 052	65.84	2.24	9.67	11.88	1 399.5
1993	319 179	67.17	2.23	5.58	14.72	1 531.0
1994	323 459	73.04	2.38	5.55	10.27	1 537.7
1995	429 233	77.38	3.84	4.27	5.64	2 023.3
1996	456 117	76.49	3.69	3.85	6.32	2 132.6
1997	426 425	75.02	3.20	3.18	7.61	1 971.1
1998	434 513	76.98	2.96	2.06	7.14	1 989.9
1999	386 241	70.51	2.94	1.81	10.36	1 754.8
2000	438 520	69.73	2.35	0.92	9.48	1 976.7
2001	490 736	68.89	2.92	0.53	5.93	2 196.6

and cleared cases

Number of offenders (Persons)	Offenders rate (Persons/100 000 pop.)					Cleared cases (Cases)	Clearance rate (%)
	Total	Child	Juvenile	Adolescent	Adult		
30 200	199.4	-	-	-	-	29 930	81.09
34 328	222.5	-	-	-	-	33 249	86.55
38 266	243.6	-	-	-	-	36 058	86.40
40 856	253.0	-	-	-	-	39 752	86.75
40 818	250.0	-	-	-	-	39 050	88.88
44 122	264.8	-	-	-	-	41 697	87.11
39 184	230.8	-	-	-	-	41 172	84.65
43 585	251.8	-	-	-	-	44 409	84.57
44 669	253.2	16.3	447.1	405.9	285.0	43 837	83.74
43 612	242.7	19.9	472.5	392.3	257.7	43 240	84.30
38 285	209.2	15.8	417.7	345.9	218.5	37 189	83.34
43 601	234.5	14.0	448.4	390.5	251.4	42 783	83.19
49 168	260.5	19.3	492.2	404.0	286.6	46 544	89.22
57 408	300.0	20.6	512.3	434.4	350.2	48 049	79.15
80 814	417.5	33.7	711.9	555.0	494.6	94 139	52.30
87 086	445.1	27.8	787.6	544.0	532.1	105 246	57.10
81 503	411.9	25.3	796.5	537.6	466.4	113 374	51.60
86 900	434.4	26.4	881.6	582.6	475.8	135 550	51.95
86 723	428.7	20.8	769.0	636.1	475.8	142 924	50.97
145 442	711.0	31.7	1 110.3	1 240.3	780.0	191 492	62.96
172 551	835.4	38.8	1 310.8	1 429.6	911.3	208 298	72.06
176 748	847.8	30.8	1 289.7	1 369.7	942.3	214 409	67.18
153 097	727.8	26.2	1 181.1	1 086.2	803.0	209 177	64.67
155 613	733.5	28.8	1 224.0	1 094.9	795.9	230 513	53.70
173 047	809.1	30.0	1 253.1	1 261.2	882.6	265 471	58.20
172 540	797.5	23.5	1 068.0	1 242.1	898.5	242 392	56.84
158 923	727.8	17.8	1 034.9	1 138.5	807.5	251 638	57.91
179 597	816.0	17.1	995.2	1 361.9	914.6	253 299	65.58
181 614	818.7	13.9	882.7	1 347.7	935.6	259 645	59.21
180 527	808.0	14.3	849.0	1 165.0	950.3	271 128	55.25

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
1972	20 441	-	-	-	11 360	-	-	-
1973	20 941	-	-	-	13 634	-	-	-
1974	22 455	-	-	-	15 247	-	-	-
1975	22 086	-	-	-	13 513	-	-	-
1976	19 105	-	-	-	11 315	-	-	-
1977	19 898	-	-	-	12 067	-	-	-
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

Table 81. Violent crimes

Year	Cases known to the police (Cases)						Number of offenders (Persons)							
	Murder & nonnegligent manslaughter	Series Injure	Robbery and forceful taking	Kidnap-ping	Intimidation	Forcible rape	Murder & nonnegligent manslaughter	Series Injure	Robbery and forceful taking	Kidnap-ping	Intimidation	Forcible rape		
1972	-	895	-	425	677	-	-	1 262	-	494	904	-		
1973	-	924	-	497	721	-	-	1 359	-	581	1 030	-		
1974	-	1 047	-	620	907	-	-	1 420	-	735	1 166	-		
1975	-	1 177	-	833	994	-	-	1 629	-	767	1 395	-		
1976	-	1 066	-	494	1 063	-	-	1 636	-	503	1 346	-		
1977	3 424	1 321	-	593	17	1 014	479	4 235	1 799	-	517	38	1 362	519
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

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	Total	Violent crime						Drug Offenses	
				Murder & nonnegligent manslaughter	Serious Injure	Robbery and forceful taking	Kidnaping	Intimidation	Forcible rape		
1980	10 543	6 744	1 366	481	-	301	18	427	139	84	23.60
1981	11 038	7 201	1 294	448	-	323	7	405	111	198	25.31
1982	9 666	6 488	1 243	381	-	390	13	376	83	149	25.25
1983	10 276	6 510	1 356	439	-	411	22	385	99	107	23.57
1984	11 125	6 862	1 263	425	-	366	41	327	104	92	22.63
1985	11 450	7 237	1 437	303	-	481	15	501	137	90	19.94
1986	15 762	10 864	1 406	332	-	516	16	415	127	73	19.50
1987	17 244	11 410	1 838	403	-	653	15	551	216	62	19.80
1988	17 510	11 664	2 138	355	-	988	29	616	150	50	21.48
1989	19 593	13 132	2 694	438	-	1 648	40	420	148	47	22.55
1990	17 286	10 124	2 613	381	-	1 121	40	963	108	1 389	19.93
1991	25 472	11 794	2 111	263	-	627	35	1 085	101	6 856	17.51
1992	30 719	13 549	1 498	276	-	492	26	616	88	10 736	17.80
1993	30 780	15 216	1 941	469	-	805	6	504	157	8 847	17.41
1994	28 378	16 086	2 735	663	-	1 295	12	544	221	4 613	18.54
1995	29 287	16 818	3 650	750	-	1 812	17	794	277	3 693	18.82
1996	29 680	16 757	3 077	591	-	1 454	25	640	367	4 577	17.15
1997	24 766	13 079	3 049	638	-	1 380	18	598	415	3 982	14.35
1998	23 094	14 116	2 623	328	-	1 296	25	610	364	2 805	14.53
1999	21 224	13 090	2 190	324	-	1 022	23	489	332	2 726	11.82
2000	18 144	10 656	1 589	294	16	975	10	0	294	1 899	9.99
2001	16 939	8 799	1 611	202	23	1 000	19	1	366	922	9.38

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
1972	145 583	90 304	62.0	79 267	523.5
1973	144 102	84 244	58.5	73 038	473.4
1974	144 466	88 324	61.1	68 844	438.3
1975	192 516	130 734	67.9	88 857	555.3
1976	237 696	168 861	71.2	126 014	771.7
1977	241 083	165 976	69.7	147 906	887.8
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

Table 83. Treatment of criminals

Year	Offenders convicted by length of sentence					
	Death sentence	Life imprisonment	A definite period in prison	A definite period in prison		Penal labor
				Under 6 months	3 years and over	
1972	-	-	-	-	-	-
1973	-	-	-	-	-	-
1974	-	-	-	-	-	-
1975	-	-	-	-	-	-
1976	23	112	26 168	13 012	1 569	8 958
1977	11	76	27 805	14 405	1 869	10 515
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	56 673	19 559	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	11 669	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

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
-	13 853	10 493	11 826	904
-	12 985	10 628	12 709	1 420
-	14 081	12 007	12 544	1 736
-	12 248	7 782	16 086	1 377
64 467	14 281	10 241	11 183	1 109
72 978	14 144	11 420	12 787	1 300
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

Table 84. Fire losses and casualties

Year	Number of fires	Number of burned houses	Number of casualties		Estimated property losses (Millions N.T. Dollars)
			Deaths	Injuries	
1972	2 440	1 967	80	217	298
1973	2 553	1 719	77	253	531
1974	2 324	1 525	62	180	516
1975	2 456	1 953	124	379	874
1976	3 135	2 081	64	258	1 001
1977	3 907	2 189	80	269	1 338
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
1988	7 298	1 373	222	384	2 445
1989	7 464	1 509	316	450	3 615
1990	7 665	1 370	290	396	3 149
1991	7 742	1 680	250	624	3 002
1992	7 389	1 493	323	521	2 194
1993	9 870	1 844	377	706	2 422
1994	10 763	2 222	330	696	2 490
1995	10 916	2 169	294	614	3 778
1996	13 309	2 020	275	782	2 815
1997	15 115	2 278	226	633	2 637
1998	14 555	2 431	306	763	2 883
1999	18 254	3 384	230	643	2 610
2000	15 560	3 026	262	732	2 344
2001	13 750	2 843	234	807	15 562

Notes : A big fire happed to Taipei Eastern Science-Based Industrial Park in May 12,2001,which caused a greate 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	
1972	12 302	118.7	2 046	16 183	120.4
1973	11 500	92.7	2 275	15 416	114.7
1974	9 676	63.6	2 483	12 843	97.6
1975	10 471	57.1	2 716	14 864	109.9
1976	10 517	48.5	3 087	14 792	109.5
1977	11 683	45.5	3 312	16 340	118.0
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	37.2
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	28.7
1995	3 528	2.8	3 065	2 933	28.3
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

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

² Because revised reporting system and new statistical process were inaugurated in 2000. Besides, strengthened to follow cases of seriously injured. Deaths of traffic accidents increased.

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, Insurance for Teaching and Administrative Staffs of Private Schools and its related schemes are obtained from the *Statistical Data for Government Employees' Insurance, Republic of China*, published by the Central Trust of China. Data on Labor Insurance and Farmers' Health Insurance come from the *Statistical Data for Taiwan-Fukien Area Labor Insurance, Republic of China*, published by the Bureau of Labor Insurance for Taiwan-Fukien Area. 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 and Farmers' Health Insurance. Labor Insurance covers unemployment benefit payment.

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
1972	-	322 615	6 401
1973	-	328 259	7 299
1974	-	342 567	7 795
1975	-	359 034	8 019
1976	-	369 666	8 262
1977	-	379 869	8 662
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

Note : 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, is the combination of Government Employees' Insurance program(GEI) and Insurance for Teaching and Administrative Staffs of Private School(ITASPS). Data

of social insurance

Persons

Labor insurance	Unemployment Insurance	Farmers' health insurance	Aged of 65 and above
1 115 131	-	-	-
1 354 994	-	-	-
1 418 298	-	-	-
1 544 557	-	-	-
1 709 847	-	-	-
1 869 278	-	-	-
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

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.

Table 87. Life insurance

Year	Number of insurance cases (Cases)	Number of insurance cases per 100 pop. (Cases)	Average premium per case (N.T. Dollars)	Average benefit payments per case (N.T. Dollars)
1972	424 659	2.78	3 660	8 408
1973	444 562	2.86	4 060	12 542
1974	464 586	2.93	4 360	13 520
1975	509 809	3.16	4 940	13 588
1976	610 680	3.70	5 790	16 570
1977	785 567	4.67	6 650	21 369
1978	939 314	5.48	8 270	27 511
1979	1 073 721	6.14	9 850	31 006
1980	1 149 505	6.46	11 450	31 013
1981	1 354 577	7.47	13 650	32 249
1982	1 625 592	8.81	15 490	20 530
1983	1 940 488	10.36	17 480	33 469
1984	2 304 037	12.12	19 630	38 210
1985	2 564 908	13.32	20 160	45 543
1986	3 073 142	15.80	21 420	48 608
1987	3 739 245	19.01	23 040	47 025
1988	4 530 080	22.76	23 620	46 176
1989	5 472 309	27.22	23 850	50 618
1990	6 504 209	31.96	23 200	47 932
1991	7 442 126	36.20	22 840	44 240
1992	8 693 137	41.89	23 120	46 152
1993	9 936 920	47.45	23 270	50 370
1994	11 635 683	55.08	23 480	56 410
1995	13 200 573	61.96	23 060	58 458
1996	15 023 641	69.97	23 170	61 619
1997	17 799 915	81.87	23 300	69 304
1998	21 713 498	99.02	22 296	69 788
1999	24 008 866	108.67	21 705	68 720
2000	27 046 881	121.41	21 201	63 849
2001	30 337 536	135.40	22 295	70 527

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

Table 88. Expenditure for social assistance

Thousands of N.T. Dollars

Year	Living allowance	Amount of disaster relief	Amount of medical relief	Amount of crisis relief
1987	416 171	77 272	971 932	81 686
1988	443 739	82 943	1 107 474	89 340
1989	462 483	97 205	1 178 113	139 992
1990	489 260	110 000	993 013	125 620
1991	513 900	55 202	1 136 712	151 124
1992	578 974	87 916	995 410	162 356
1993	662 545	63 873	1 162 770	194 949
1994	1 840 780	829 938	646 241	231 723
1995	① 2 118 948	93 638	608 224	271 702
1996	2 285 657	390 929	145 223	311 433
1997	2 417 268	295 539	157 616	210 483
1998	2 583 390	212 541	169 013	235 284
1999	2 839 550	29 962 767	102 525	234 557
2000	3 157 904	629 456	96 947	239 487
2001	3 415 333	970 864	118 046	214 077

Note : 1. Living allowance refers to family and student subsidies for living to low income households.
2. Because of 921 earthquake , amount of 1999 for disaster assistance uprose .

Table 89. Low income households and population

End of Year	Low income households		Low income population	
	Total (Households)	As % of total households	Total (Persons)	As % of total population
1987	39 014	0.84	112 293	0.57
1988	39 355	0.82	111 477	0.56
1989	37 129	0.75	100 495	0.50
1990	40 994	0.80	114 220	0.56
1991	42 665	0.82	116 225	0.56
1992	43 780	0.82	115 284	0.55
1993	46 717	0.85	118 502	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

Table 90. Assistance service organizations and inmates

End of Year	Total		Houses for the aged		Children's home		Handicapped home	
	Organi- zations (Units)	Inmates (Persons)	Organi- zations (Units)	Inmates (Persons)	Organi- zations (Units)	Inmates (Persons)	Organi- zations (Units)	Inmates (Persons)
1972	79	15 147	28	8 833	51	6 314	-	-
1973	79	12 762	30	6 416	49	6 346	-	-
1974	81	14 376	35	7 134	46	7 242	-	-
1975	81	12 802	36	7 764	45	5 038	-	-
1976	84	13 533	38	8 450	46	5 083	-	-
1977	83	13 735	37	8 910	46	4 825	-	-
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	20 985	64	9 215	41	2 462	113	9 308
1997	243	23 939	70	9 759	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	727	27 125	① 507	① 14 094	① 42	① 2 433	178	10 598
2001	893	34 584	658	20 599	42	2 362	193	11 623

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	
	Number of nurseries (Units)	Number of children (Persons)	Number of nurseries (Units)	Number of children (Persons)
1972	274	32 658	1 016	53 093
1973	243	29 163	1 120	61 287
1974	344	34 808	1 124	62 864
1975	480	44 668	1 251	61 703
1976	521	45 711	1 402	71 355
1977	580	58 037	1 599	78 825
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	239 100	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

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 from social welfare (N.T. \$)
	Total (1000 N.T. \$)	As % of total net expenditure	As % of GNP	
1972	8 101 869	13.3	2.8	537
1973	8 663 209	11.3	2.5	564
1974	9 719 382	11.2	1.9	621
1975	12 657 419	10.2	2.3	795
1976	16 940 309	11.6	2.6	1 044
1977	20 428 159	10.9	2.7	1 232
1978	24 489 167	11.1	2.7	1 451
1979	29 117 728	11.8	2.7	1 693
1980	38 223 855	11.2	2.9	2 179
1981	16 549 485	3.9	1.0	926
1982	26 883 793	5.5	1.5	1 478
1983	32 518 200	6.6	1.6	1 756
1984	33 911 201	6.7	1.5	1 805
1985	34 279 484	6.3	1.4	1 798
1986	40 591 479	6.6	1.5	2 102
1987	37 085 134	5.8	1.2	1 901
1988	55 169 160	7.6	1.6	2 797
1989	65 488 382	5.4	1.7	3 282
1990	96 207 023	8.8	2.3	4 773
1991	117 771 908	9.2	2.5	5 773
1992	135 040 121	Ⓘ 8.6	2.6	6 553
1993	145 758 829	8.3	2.5	7 007
1994	158 523 241	8.7	2.5	7 550
1995	231 765 959	12.1	3.4	10 944
1996	290 002 141	15.7	3.9	13 579
1997	294 982 386	15.7	3.7	13 704
1998	282 766 789	14.2	3.2	13 005
1999	280 452 253	13.7	3.0	12 789
2000	Ⓘ 531 808 684	Ⓘ 16.9	3.6	Ⓘ 24 026
2001	...	...	...	...

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 adopted the new UN national economic account system, as revised by the United Nations in 1968, to compile its national income statistics in August 1988.

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

Stage 11 (Since 2000): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,801 households.

Stage 12 (Since 2001): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 13,601 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 seven tables for 1981, 1984, 1986, 1989, 1991, 1994 and 1996. The industrial inter-dependence table for 1999 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. There are four kinds of industrial classification in the 1999 table, dividing industries into 45 sectors and 160 sectors.

For additional national economic data, please refer to the *Quarterly National Income Statistics in Taiwan Area, Republic of China*, the *Statistical Abstract of National Income in Taiwan Area, Republic of China*, and the *Quarterly National Economic Trends in Taiwan Area, Republic of China* 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 (U.S. dollars)			
	Amount (Millions of U.S. dollars)	Economic growth rate (%)	Amount (Millions of U.S. dollars)	Ann. Rate of change (%)	GDP	GNP	National income	Private consumption
1977	21 816	10.19	19 875	16.92	1 309	1 301	1 193	674
1978	26 836	13.59	24 486	23.20	1 581	1 577	1 443	793
1979	33 218	8.17	30 421	24.24	1 919	1 920	1 758	970
1980	41 418	7.30	38 016	24.97	2 348	2 344	2 155	1 209
1981	48 218	6.16	43 896	15.47	2 683	2 669	2 443	1 395
1982	48 568	3.55	44 268	0.85	2 654	2 653	2 419	1 400
1983	52 421	8.45	47 856	8.11	2 819	2 823	2 573	1 457
1984	59 139	10.60	54 547	13.98	3 134	3 167	2 890	1 591
1985	62 062	4.95	57 260	4.97	3 243	3 297	2 992	1 654
1986	75 434	11.64	70 571	23.25	3 897	3 993	3 646	1 865
1987	101 570	12.74	94 676	34.16	5 192	5 298	4 839	2 474
1988	123 146	7.84	115 338	21.82	6 223	6 379	5 829	3 147
1989	149 141	8.23	139 585	21.02	7 455	7 626	6 977	3 982
1990	160 173	5.39	149 968	7.44	7 918	8 111	7 413	4 336
1991	179 370	7.55	167 512	11.70	8 769	8 982	8 189	4 804
1992	212 200	7.49	198 097	18.26	10 274	10 506	9 591	5 750
1993	224 266	7.01	208 716	5.36	10 757	10 964	10 011	6 085
1994	244 278	7.11	227 513	9.01	11 613	11 806	10 816	6 780
1995	264 928	6.42	246 736	8.45	12 488	12 686	11 630	7 340
1996	279 611	6.10	260 102	5.42	13 073	13 260	12 161	7 730
1997	290 201	6.68	268 780	3.34	13 449	13 592	12 457	7 971
1998	267 154	4.57	246 800	- 8.18	12 268	12 360	11 333	7 320
1999	287 881	5.42	265 624	7.63	13 114	13 235	12 100	7 963
2000	309 426	5.86	285 779	7.59	13 985	14 188	12 916	8 656
2001	281 178	- 2.18	259 249	- 9.28	12 621	12 876	11 637	8 022

Table 94. Gross domestic

Items	1960	1965	1970	1975	1980	1985	1990
							At current
Government final consumption expenditure	12 032	19 002	41 397	93 064	237 160	399 364	739 605
Private final consumption expenditure	42 559	71 452	127 636	336 846	767 742	1 261 580	2 358 684
Increase in stocks	2 257	6 456	8 832	- 4 265	47 465	5 018	28 539
Gross fixed capital formation	10 361	19 090	49 054	183 312	456 446	466 341	965 580
Exports of goods and services	7 192	21 771	68 746	233 701	783 272	1 341 253	2 013 953
Less : imports of goods and services	11 894	25 144	68 860	253 007	801 026	999 770	1 799 318
Expenditure on the gross domestic product	62 507	112 627	226 805	589 651	1 491 059	2 473 786	4 307 043
							At 1996
Government final consumption expenditure	121 801	160 964	246 990	299 706	453 439	599 692	914 305
Private final consumption expenditure	227 293	366 726	551 242	850 781	1 289 559	1 781 375	2 942 630
Increase in stocks	6 072	15 543	21 219	- 6 118	47 035	3 958	30 860
Gross fixed capital formation	37 140	62 993	148 808	327 647	538 400	549 803	1 017 519
Exports of goods and services	23 526	63 382	178 458	379 911	829 231	1 310 173	2 232 939
Less : imports of goods and services	39 644	78 039	201 839	404 179	762 750	930 787	2 006 747
Expenditure on the gross domestic product	376 188	591 569	944 878	1 447 748	2 394 914	3 314 214	5 131 506

Table 95. Cost component of

Items	1960	1965	1970	1975	1980	1985	1990
							At current
Compensation of employees	23 355	44 299	94 611	268 428	699 269	1 244 976	2 274 546
Operating surplus	26 801	45 798	80 688	186 498	448 984	719 539	1 205 211
Consumption of fixed capital	4 374	7 589	16 408	45 296	120 379	232 661	379 355
Indirect taxes	8 027	15 034	35 268	89 805	223 667	286 281	453 479
Less : Subsidies	50	93	170	376	1 240	9 671	5 548
Gross domestic product	62 507	112 627	226 805	589 651	1 491 059	2 473 786	4 307 043
							At 1996
Domestic factor income	318 143	500 269	768 151	1 187 425	1 959 496	2 720 959	4 208 924
Consumption of fixed capital	16 929	27 514	54 643	87 315	148 506	277 854	409 286
Net indirect taxes	41 116	63 786	122 084	173 008	286 912	315 401	513 296
Gross domestic product	376 188	591 569	944 878	1 447 748	2 394 914	3 314 214	5 131 506

product

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
prices									
893 352	924 790	941 500	999 083	1 097 699	1 197 631	1 279 698	1 221 717	1 246 983	1 240 437
2 987 919	3 347 747	3 773 534	4 124 738	4 539 920	4 936 084	5 334 143	5 641 313	5 981 274	6 042 628
73 831	60 018	51 840	26 854	54 009	121 089	122 572	46 628	- 54 978	- 99 598
1 288 580	1 489 590	1 588 779	1 750 642	1 727 366	1 895 357	2 103 919	2 124 744	2 267 328	1 781 752
2 324 857	2 608 915	2 821 162	3 366 997	3 640 089	4 019 880	4 274 219	4 486 094	5 260 994	4 839 820
2 229 587	2 512 684	2 713 215	3 250 381	3 380 957	3 841 261	4 175 584	4 230 567	5 038 213	4 298 415
5 338 952	5 918 376	6 463 600	7 017 933	7 678 126	8 328 780	8 938 967	9 289 929	9 663 388	9 506 624
constant prices									
1 010 922	1 015 361	997 756	1 029 184	1 097 699	1 162 101	1 209 986	1 131 421	1 137 663	1 126 004
3 440 687	3 720 098	4 034 394	4 261 489	4 539 920	4 869 682	5 187 394	5 466 132	5 735 413	5 794 855
75 885	63 019	53 070	25 101	54 009	122 766	126 471	50 622	- 54 993	- 103 876
1 316 774	1 474 330	1 583 432	1 699 134	1 727 366	1 911 315	2 064 433	2 101 150	2 282 021	1 811 585
2 690 090	2 888 105	3 035 512	3 410 233	3 640 089	3 970 464	4 066 145	4 549 841	5 348 403	4 932 793
2 601 975	2 812 445	2 904 444	3 188 605	3 380 957	3 845 545	4 089 295	4 269 462	4 889 809	4 211 438
5 932 383	6 348 468	6 799 720	7 236 536	7 678 126	8 190 783	8 565 134	9 029 704	9 558 698	9 349 923

gross domestic product

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
prices									
2 822 276	3 096 248	3 377 989	3 665 726	3 959 795	4 263 453	4 501 506	4 687 235	4 939 685	4 809 210
1 477 581	1 677 596	1 862 528	2 047 922	2 386 570	2 641 552	2 967 013	3 106 004	3 163 763	3 141 257
475 706	524 163	551 017	593 088	645 212	703 404	748 699	804 144	878 482	932 853
572 545	631 177	684 050	724 289	707 519	746 017	766 430	726 810	727 193	683 302
9 156	10 808	11 984	13 092	20 970	25 646	44 681	34 264	45 735	59 998
5 338 952	5 918 376	6 463 600	7 017 933	7 678 126	8 328 780	8 938 967	9 289 929	9 663 388	9 506 624
constant prices									
4 796 037	5 156 083	5 560 499	5 953 572	6 346 365	6 768 335	7 132 677	7 542 719	7 986 751	7 790 409
516 867	536 612	557 904	579 959	645 212	707 518	712 586	771 751	854 703	911 101
619 479	655 773	681 317	703 005	686 549	714 930	719 871	715 234	717 244	648 413
5 932 383	6 348 468	6 799 720	7 236 536	7 678 126	8 190 783	8 565 134	9 029 704	9 558 698	9 349 923

Table 96. Gross domestic product

Items	1960	1965	1970	1975	1980	1985	1990
Agriculture, forestry, fishing and animal husbandry	17 838	26 611	35 076	74 875	114 556	143 083	180 110
Mining and quarrying	1 402	2 080	3 050	7 266	14 131	14 021	16 592
Manufacturing	11 925	25 095	66 168	182 012	537 089	929 142	1 434 545
Electricity, gas and water	1 038	2 377	5 511	15 109	37 544	99 526	121 101
Construction	2 431	4 473	8 801	31 032	93 350	102 023	203 345
Trade and eating-drinking places	9 593	17 840	32 845	77 815	196 066	327 935	611 988
Transport, storage and communication	2 941	6 050	13 642	35 429	89 104	158 563	265 272
Finance, insurance and real estate	5 593	10 376	22 138	61 870	189 393	305 113	719 812
Business services	...	...	...	...	...	36 114	65 777
Social, personal and related community services	1 843	2 815	6 780	22 983	59 605	128 642	265 616
Industries, total	54 604	97 717	194 011	508 391	1 330 838	2 244 162	3 884 158
Producers of government services	6 657	11 451	25 979	61 884	144 274	254 272	458 477
Other producers	385	624	1 387	3 758	9 138	19 672	38 401
Subtotal	61 646	109 792	221 377	574 033	1 484 250	2 518 106	4 381 036
Less : Imputed bank services charge	967	1 704	4 913	17 917	71 321	126 103	269 819
Plus : Import duties	1 828	4 539	10 341	33 535	78 130	81 783	114 455
Plus : Value-added tax	...	...	...	...	...	...	81 371
Gross domestic product	62 507	112 627	226 805	589 651	1 491 059	2 473 786	4 307 043

Table 97. National income and

Items	1960	1965	1970	1975	1980	1985	1990
1. Compensation of employees	23 355	44 299	94 611	268 428	699 269	1 244 976	2 274 546
2. Operating surplus	26 801	45 798	80 688	186 498	448 984	719 539	1 205 211
Domestic factor income	50 156	90 097	175 299	454 926	1 148 253	1 964 515	3 479 757
3. Compensation of employees from the rest of the world, net	- 27	- 194	- 412	- 3 344	3 237	2 812	- 699
4. Property and entrepreneurial income from the rest of the world, net	-	-	-	-	- 5 343	38 451	105 651
5. Indirect taxes	8 027	15 034	35 268	89 805	223 667	286 281	453 479
6. Less : Subsidies	50	93	170	376	1 240	9 671	5 548
National income in market prices	58 106	104 844	209 985	541 011	1 368 574	2 282 388	4 032 640
7. Other current transfers from the rest of the world, net	3 211	1 315	557	288	- 3 423	- 9 913	- 19 765
National disposable income	61 317	106 159	210 542	541 299	1 365 151	2 272 475	4 012 875

by kind of industry

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
191 974	215 333	227 172	244 265	245 184	212 100	220 605	237 531	201 810	185 182
32 984	45 326	33 033	33 032	31 334	38 631	46 777	46 391	40 427	37 986
1 698 719	1 808 804	1 873 978	1 959 471	2 143 654	2 315 420	2 448 395	2 470 012	2 550 380	2 431 213
145 359	159 616	170 390	179 111	190 327	195 779	205 575	207 749	208 325	208 871
262 685	315 076	360 326	381 383	376 746	391 785	389 255	358 300	329 567	277 651
806 250	905 719	1 008 857	1 147 123	1 289 625	1 434 915	1 588 691	1 717 692	1 865 320	1 833 533
334 033	373 121	412 474	447 430	488 800	530 916	588 555	625 637	648 571	656 292
910 469	1 039 055	1 225 603	1 351 583	1 497 685	1 711 972	1 819 990	1 890 388	1 937 655	1 948 157
92 544	108 955	129 262	147 913	167 830	189 279	212 428	237 144	261 783	269 092
362 619	409 635	461 984	532 256	603 196	676 642	761 170	835 631	907 084	962 939
4 837 636	5 380 640	5 903 079	6 423 567	7 034 381	7 697 439	8 281 441	8 626 475	8 950 922	8 810 916
574 708	621 128	663 743	726 590	795 667	848 859	895 887	946 549	984 982	1 011 122
40 584	45 954	62 305	63 106	81 587	82 945	101 908	96 514	107 436	114 981
5 452 928	6 047 722	6 629 127	7 213 263	7 911 635	8 629 243	9 279 236	9 669 538	10 043 340	9 937 019
369 337	418 667	476 514	520 139	539 648	623 390	664 239	692 599	704 555	716 742
138 628	152 468	160 638	172 007	150 456	158 030	153 416	139 348	146 443	119 100
116 733	136 853	150 349	152 802	155 683	164 897	170 554	173 642	178 160	167 247
5 338 952	5 918 376	6 463 600	7 017 933	7 678 126	8 328 780	8 938 967	9 289 929	9 663 388	9 506 624

national disposable income

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
2 822 276	3 096 248	3 377 989	3 665 726	3 959 795	4 263 453	4 501 506	4 687 235	4 939 685	4 809 210
1 477 581	1 677 596	1 862 528	2 047 922	2 386 570	2 641 552	2 967 013	3 106 004	3 163 763	3 141 257
4 299 857	4 773 844	5 240 517	5 713 648	6 346 365	6 905 005	7 468 519	7 793 239	8 103 448	7 950 467
527	- 377	- 1 952	- 3 037	- 4 667	- 5 617	- 12 500	- 17 032	- 14 745	- 12 642
120 335	114 181	109 361	114 235	114 167	94 229	80 158	102 944	154 705	204 065
572 545	631 177	684 050	724 289	707 519	746 017	766 430	726 810	727 193	683 302
9 156	10 808	11 984	13 092	20 970	25 646	44 681	34 264	45 735	59 998
4 984 108	5 508 017	6 019 992	6 536 043	7 142 414	7 713 988	8 257 926	8 571 697	8 924 866	8 765 194
4 050	- 22 040	- 40 957	- 77 498	- 68 282	- 62 574	- 51 202	- 70 400	- 81 487	- 92 222
4 988 158	5 485 977	5 979 035	6 458 545	7 074 132	7 651 414	8 206 724	8 501 297	8 843 379	8 672 972

Table 98. Capital

Items	1960	1965	1970	1975	1980	1985	1990
Saving	6 726	15 705	41 509	111 389	360 249	611 531	914 586
Consumption of fixed capital	4 374	7 589	16 408	45 296	120 379	232 661	379 355
Capital transfers from the rest of the world, net	-	-	-	-	-	-	-
Finance of gross accumulation	11 100	23 294	57 917	156 685	480 628	844 192	1 293 941
Increase in stocks	2 257	6 456	8 832	- 4 265	47 465	5 018	28 539
Gross fixed capital formation	10 361	19 090	49 054	183 312	456 446	466 341	965 580
Purchases of intangible assests n.e.c. from the rest of the world, net	-	-	-	-	-	-	-
Net lending to the rest of the world	- 1 518	- 2 252	31	- 22 362	- 23 283	372 833	299 822
Gross accumulation	11 100	23 294	57 917	156 685	480 628	844 192	1 293 941

Table 99. External

Items	1960	1965	1970	1975	1980	1985	1990
Exports of goods and services	7 192	21 771	68 746	233 701	783 272	1 341 253	2 013 953
Compensation of employees from the rest of the world					3 760	3 707	1 049
Property and entrepreneurial income from the rest of the world	58	333	2 354	8 899	33 204	84 404	188 203
Other current transfers from the rest of the world	3 330	1 417	1 009	1 358	2 715	5 262	44 664
Current receipts	10 580	23 521	72 109	243 958	822 951	1 434 626	2 247 869
Imports of goods and services	11 894	25 144	68 860	253 007	801 026	999 770	1 799 318
Compensation of empolyees to the rest of the world					523	895	1 748
Property and entrepreneurial income to the rest of the world	85	527	2 766	12 243	39 070	46 848	82 552
Other current transfers to the rest of the world	119	102	452	1 070	6 138	15 175	64 429
Surplus of the nation on current transactions	- 1 518	- 2 252	31	- 22 362	- 23 283	372 833	299 822
Disposal of current receipts	10 580	23 521	72 109	243 958	822 951	1 434 626	2 247 869

finance

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1 106 887	1 213 440	1 264 001	1 334 724	1 436 513	1 517 699	1 592 883	1 638 267	1 615 122	1 389 907
475 706	524 163	551 017	593 088	645 212	703 404	748 699	804 144	878 482	932 853
- 9 900	- 8 658	- 9 097	- 17 538	- 17 939	- 9 091	- 6 141	- 5 593	- 9 065	- 4 143
1 572 693	1 728 945	1 805 921	1 910 274	2 063 786	2 212 012	2 335 441	2 436 818	2 484 539	2 318 617
73 831	60 018	51 840	26 854	54 009	121 089	122 572	46 628	- 54 978	- 99 598
1 288 580	1 489 590	1 588 779	1 750 642	1 727 366	1 895 357	2 103 919	2 124 744	2 267 328	1 781 752
-	-	-	-	-	-	-	-	-	1 393
210 282	179 337	165 302	132 778	282 411	195 566	108 950	265 446	272 189	635 070
1 572 693	1 728 945	1 805 921	1 910 274	2 063 786	2 212 012	2 335 441	2 436 818	2 484 539	2 318 617

transactions

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
2 324 857	2 608 915	2 821 162	3 366 997	3 640 089	4 019 880	4 274 219	4 486 094	5 260 994	4 839 820
3 524	3 376	3 123	3 763	4 697	7 601	7 830	9 190	8 556	8 124
184 449	175 993	185 266	211 603	177 984	190 936	208 671	215 278	278 132	306 832
55 365	48 386	57 351	61 250	68 586	83 571	98 398	100 750	99 990	88 131
2 568 195	2 836 670	3 066 902	3 643 613	3 891 356	4 301 988	4 589 118	4 811 312	5 647 672	5 242 907
2 229 587	2 512 684	2 713 215	3 250 381	3 380 957	3 841 261	4 175 584	4 230 567	5 038 213	4 298 415
2 997	3 753	5 075	6 800	9 364	13 218	20 330	26 222	23 301	20 766
64 114	61 812	75 905	97 368	63 817	96 707	128 513	112 334	123 427	102 767
51 315	70 426	98 308	138 748	136 868	146 145	149 600	171 150	181 477	180 353
220 182	187 995	174 399	150 316	300 350	204 657	115 091	271 039	281 254	640 606
2 568 195	2 836 670	3 066 902	3 643 613	3 891 356	4 301 988	4 589 118	4 811 312	5 647 672	5 242 907

Table 100. Governmental final

Items	1990	1991	1992	1993	1994
					At current
By cost-composition					
1. Compensation of employees	432 123	502 280	540 169	581 411	617 724
2. Consumption of fixed capital	26 354	29 959	34 539	39 717	46 019
3. Intermediate consumption	298 161	323 729	341 523	330 980	310 595
4. Less : Sales	17 033	19 188	22 879	27 318	32 838
By function					
1. General administration	62 766	78 172	93 123	99 331	103 165
2. Defense affairs & services	240 797	251 243	251 671	245 367	234 598
3. Justice and police	54 520	62 935	70 931	81 186	87 887
4. Education affairs & services	137 145	162 664	185 091	204 572	211 158
5. Health affairs & services	13 526	16 833	19 086	20 361	24 913
6. Social security & welfare affairs & services	133 271	147 710	135 450	134 421	138 876
7. Housing & community amenity affairs & services	12 330	13 936	20 230	23 358	24 336
8. Recreational, cultural and religious affairs & services	6 920	9 088	10 704	12 257	13 873
9. Fuel & energy affairs & services	1 757	2 136	1 893	2 201	2 790
10. Agriculture, forestry, fishing & animal husbandry	25 698	31 123	32 802	30 446	25 135
11. Mining (except fuels), manufacturing and construction	3 781	6 897	9 501	9 237	12 402
12. Transportation and communication	23 144	20 658	23 693	25 229	28 058
13. Other economic services	16 010	24 814	27 298	23 904	20 194
14. Expenditures not classified	7 940	8 571	11 879	12 920	14 115
Government final consumption expenditure	739 605	836 780	893 352	924 790	941 500
					At 1996
By cost-composition					
1. Compensation of employees	541 983	590 987	610 493	637 716	654 584
2. Consumption of fixed capital	29 475	32 539	37 477	40 652	46 148
3. Intermediate consumption	364 545	381 486	389 289	367 225	332 258
4. Less : Sales	21 698	22 960	26 337	30 232	35 234
Government final consumption expenditure	914 305	982 052	1 010 922	1 015 361	997 756

consumption expenditure

Millions of N.T. Dollars

1995	1996	1997	1998	1999	2000	2001
prices						
673 400	734 758	779 518	817 706	858 529	886 106	902 354
53 190	60 909	69 341	78 181	88 020	98 876	108 768
309 812	345 937	404 380	453 640	348 586	351 124	314 226
37 319	43 905	55 608	69 829	73 418	89 123	84 911
106 882	102 160	110 100	121 401	141 619	141 821	...
235 391	289 355	343 665	365 647	248 450	241 398	...
93 392	97 030	99 847	103 498	118 232	121 298	...
220 145	223 818	234 063	255 186	265 899	284 019	...
28 290	26 950	23 724	21 286	22 250	19 095	...
156 310	190 889	210 475	212 622	216 535	217 777	...
29 354	32 158	34 823	40 026	41 893	42 079	...
14 177	13 176	13 379	16 284	18 058	18 082	...
2 729	2 061	1 964	2 046	2 181	2 308	...
27 008	34 235	37 548	42 063	41 117	41 776	...
16 624	16 640	18 367	19 834	21 561	23 380	...
34 880	38 982	41 022	50 217	55 160	63 200	...
17 192	16 412	17 787	18 316	19 162	20 538	...
16 709	13 833	10 867	11 272	9 600	10 212	...
999 083	1 097 699	1 197 631	1 279 698	1 221 717	1 246 983	...
constant prices						
695 869	734 758	747 672	760 968	776 308	786 103	792 964
51 546	60 909	70 411	77 815	89 558	102 314	114 653
320 120	345 937	398 600	438 978	335 671	332 131	296 038
38 351	43 905	54 582	67 775	70 116	82 885	77 651
1 029 184	1 097 699	1 162 101	1 209 986	1 131 421	1 137 663	1 126 004

Table 101. Private final

Items	1960	1965	1970	1975	1980	1985	1990
							At current
1. Food	22 515	34 556	54 056	147 377	260 842	377 440	574 935
2. Beverages	1 308	1 936	4 801	12 670	34 857	49 986	85 875
3. Tobacco	2 054	3 478	6 049	11 812	21 961	32 085	38 767
4. Clothing and footwear	2 289	4 009	6 673	17 666	40 583	62 297	112 546
5. Fuel and power	1 929	2 943	5 100	12 081	31 961	52 928	66 301
6. Rent and water charges		7 592	15 068	38 628	91 802	170 557	352 018
7. Furniture, furnishings and household equipment	5 425	950	3 579	10 269	25 125	36 110	67 648
8. Household operation		1 425	2 632	6 689	16 465	26 592	47 466
9. Medical care and health expenditure	1 388	3 087	5 352	14 480	35 118	65 284	140 751
10. Recreation, entertainment, education and cultural services	2 182	4 221	10 087	28 139	94 912	179 931	374 448
11. Transport and communication	720	2 079	4 355	14 594	59 646	122 858	308 079
12. Other goods and services	2 749	5 176	9 884	22 441	54 470	85 512	189 850
Private final consumption expenditure	42 559	71 452	127 636	336 846	767 742	1 261 580	2 358 684
Durable goods	-	-	-	17 752	64 131	109 030	222 440
Semi-durable goods	-	-	-	26 545	68 539	115 896	227 086
Non-durable goods	-	-	-	200 268	404 369	606 006	948 835
Services	-	-	-	92 281	230 703	430 648	960 323
							At 1996
1. Food	137 799	196 818	258 990	353 362	452 734	575 732	752 586
2. Beverages	3 042	3 825	9 403	19 064	39 773	51 610	90 902
3. Tobacco	4 694	6 365	11 501	16 927	24 732	32 690	40 802
4. Clothing and footwear	5 596	9 472	15 994	26 127	43 476	62 419	116 910
5. Fuel and power	6 590	8 923	13 528	23 281	34 967	49 051	73 743
6. Rent and water charges		41 378	68 883	115 133	179 758	275 113	465 149
7. Furniture, furnishings and household equipment	22 143	2 349	8 556	16 396	31 056	40 253	75 201
8. Household operation		12 145	17 216	21 259	29 621	37 606	59 907
9. Medical care and health expenses	7 191	14 456	20 915	38 366	63 142	85 156	164 183
10. Recreation, entertainment, education and cultural services	20 287	33 480	60 005	120 759	227 325	316 413	526 643
11. Transport and communication	2 522	7 183	14 038	28 981	70 086	134 193	339 224
12. Other goods and services	17 429	30 332	52 213	71 126	92 889	121 139	237 380
Private final consumption expenditure	227 293	366 726	551 242	850 781	1 289 559	1 781 375	2 942 630
Durable goods	-	-	-	32 297	77 259	116 318	237 759
Semi-durable goods	-	-	-	48 860	87 460	135 314	252 377
Non-durable goods	-	-	-	434 860	613 711	810 753	1 173 875
Services	-	-	-	334 764	511 129	718 990	1 278 619

consumption expenditure

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
prices									
693 448	757 473	841 613	908 475	981 288	1 025 048	1 124 785	1 193 801	1 247 167	1 260 827
98 084	104 911	113 693	122 545	136 420	153 374	162 411	164 631	168 261	167 457
41 899	43 247	45 825	48 898	52 423	55 585	56 872	56 842	58 159	59 072
143 371	156 009	170 389	191 425	211 133	228 615	233 164	241 455	247 936	247 767
78 109	83 457	88 099	94 884	100 735	110 633	118 752	119 337	128 227	132 497
496 373	571 123	657 557	736 005	811 533	858 911	904 372	940 744	966 116	974 160
85 352	97 879	111 300	127 306	146 031	156 885	169 385	174 308	182 019	177 447
62 248	71 981	82 213	97 281	111 924	125 173	140 480	150 325	161 777	171 269
206 041	236 726	264 295	315 464	357 290	397 863	439 489	482 153	510 128	537 893
495 788	573 574	632 872	705 323	784 141	868 890	940 256	1 034 398	1 133 398	1 161 767
385 461	425 326	462 486	490 553	514 783	542 938	586 800	645 956	704 996	719 296
201 745	226 041	303 192	286 579	332 219	412 169	457 377	437 363	473 090	433 176
2 987 919	3 347 747	3 773 534	4 124 738	4 539 920	4 936 084	5 334 143	5 641 313	5 981 274	6 042 628
277 676	301 289	334 964	347 661	353 430	368 997	391 109	413 225	414 978	401 869
296 656	324 361	351 328	377 541	408 436	439 267	436 606	459 575	481 724	479 269
1 146 717	1 245 018	1 363 793	1 477 663	1 607 551	1 712 676	1 853 844	1 946 167	2 055 534	2 074 697
1 266 870	1 477 079	1 723 449	1 921 873	2 170 503	2 415 144	2 652 584	2 822 346	3 029 038	3 086 793
constant prices									
835 118	877 499	912 615	943 785	981 288	1 034 930	1 093 144	1 162 393	1 212 359	1 239 773
102 853	110 630	120 125	128 177	136 420	144 925	152 771	154 750	159 051	159 047
43 785	45 084	47 385	49 836	52 423	54 259	55 515	55 482	56 766	57 758
147 899	163 799	179 812	196 173	211 133	226 869	243 029	255 281	261 174	265 892
81 316	87 059	91 660	96 199	100 735	106 174	114 160	116 719	121 090	124 795
587 351	636 095	697 432	754 954	811 533	847 623	872 958	902 815	924 721	930 981
92 920	103 980	115 073	128 453	146 031	158 298	170 730	177 728	186 935	188 494
73 813	81 693	89 909	98 792	111 924	121 986	132 342	141 076	147 822	150 282
222 613	251 110	275 606	320 584	357 290	389 850	426 856	463 668	484 398	505 670
614 223	669 447	701 685	749 300	784 141	844 063	894 954	965 638	1 033 112	1 046 428
405 551	444 295	480 962	497 433	514 783	536 619	589 752	655 345	698 886	712 709
233 245	249 407	322 130	297 803	332 219	404 086	441 183	415 237	449 099	413 026
3 440 687	3 720 098	4 034 394	4 261 489	4 539 920	4 869 682	5 187 394	5 466 132	5 735 413	5 794 855
292 387	315 310	345 002	350 502	353 430	374 002	402 868	431 089	438 477	436 777
320 761	345 493	368 475	384 349	408 436	438 841	449 177	478 345	502 740	512 574
1 324 005	1 401 955	1 474 486	1 537 202	1 607 551	1 699 070	1 795 729	1 894 634	1 978 345	2 012 329
1 503 534	1 657 340	1 846 431	1 989 436	2 170 503	2 357 769	2 539 620	2 662 064	2 815 851	2 833 175

Table 102. Gross capital

Items	1960	1965	1970	1975	1980	1985	1990
							At current
A. By type of capital goods							
a. Gross fixed capital formation	10 361	19 090	49 054	183 312	456 446	466 341	965 580
1. Residential building	1 414	1 861	4 544	18 676	64 053	72 152	113 624
2. Non-residential building	2 091	3 609	7 313	22 075	77 544	86 355	154 967
3. Other construction except land improvement	2 011	3 244	6 975	34 083	69 951	78 721	192 609
4. Land improvement and plantation and orchard development	33	53	114	569	1 146	1 691	6 623
5. Transport equipment	1 020	2 167	7 321	17 325	44 111	46 316	85 605
6. Machinery and equipment	3 783	8 133	22 723	90 312	199 042	178 104	409 173
7. Breeding stock, draught animals, dairy cattle and the like	9	23	64	272	599	3 002	2 979
b. Increase in stocks	2 257	6 456	8 832	- 4 265	47 465	5 018	28 539
Gross capital formation	12 618	25 546	57 886	179 047	503 911	471 359	994 119
B. By kind of activity							
a. Gross fixed capital formation	10 361	19 090	49 054	183 312	456 446	466 341	965 580
Industries	8 911	16 636	42 313	157 591	386 892	375 666	724 429
1. Agriculture, forestry, fishing and animal husbandry	1 559	2 795	3 308	6 640	13 732	12 579	24 072
2. Mining and quarrying	215	138	338	2 856	2 116	1 307	1 299
3. Manufacturing	2 434	5 684	17 690	71 551	132 397	126 707	247 873
4. Electricity, gas and water	1 128	1 774	4 652	25 784	69 315	50 638	94 756
5. Construction	36	91	761	5 377	9 018	7 079	13 058
6. Trade and eating-drinking places	385	1 050	1 852	4 740	20 751	21 796	35 255
7. Transport, storage and communication	1 539	2 447	7 169	17 135	58 065	50 850	100 911
8. Finance, insurance and real estate	1 509	2 265	5 213	20 864	73 447	83 151	154 401
9. Business services	106	392	1 330	2 644	8 051	2 946	5 988
10. Social, personal and related community services	-	-	-	-	-	18 613	46 816
Producers of government services	1 438	2 410	6 591	25 419	68 652	89 470	238 801
Producers of private nonprofit institutions serving households	12	44	150	302	902	1 205	2 350
b. Increase in stocks	2 257	6 456	8 832	- 4 265	47 465	5 018	28 539
1. Goods producing industries	1 444	3 812	6 964	- 9 866	35 056	4 334	47 487
(1) Materials and supplies	847	1 937	2 951	- 6 459	11 565	- 12 980	42 546
(2) Work-in-progress	3	559	1 416	- 1 868	4 682	5 960	1 391
(3) Livestock except breeding stock, dairy cattle and the like	- 61	305	- 53	1 453	- 1 299	294	- 1 537
(4) Finished goods	655	1 011	2 650	- 2 992	20 108	11 060	5 087
2. Trade and eating-drinking places	171	2 557	1 201	5 431	12 625	- 58	- 20 977
3. Other industries	642	87	667	170	- 216	742	2 029
Gross capital formation	12 618	25 546	57 886	179 047	503 911	471 359	994 119
C. By type of owner							
a. Gross fixed capital formation	10 361	19 090	49 054	183 312	456 446	466 341	965 580
1. Private enterprises	5 439	12 651	27 908	83 800	231 020	263 648	487 896
2. Public enterprises	3 472	3 985	14 405	73 791	155 872	112 018	236 533
3. General government	1 438	2 410	6 591	25 419	68 652	89 470	238 801
4. Private nonprofit institutions serving households	12	44	150	302	902	1 205	2 350
b. Increase in stocks	2 257	6 456	8 832	- 4 265	47 465	5 018	28 539
1. Private enterprises	1 457	4 858	6 651	- 8 190	25 922	6 332	15 554
2. Public enterprises	800	1 598	2 181	3 925	21 543	- 1 314	12 985
Gross capital formation	12 618	25 546	57 886	179 047	503 911	471 359	994 119

formation

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
prices									
1 288 580	1 489 590	1 588 779	1 750 642	1 727 366	1 895 357	2 103 919	2 124 744	2 267 328	1 781 752
171 703	250 852	237 929	226 899	184 791	167 260	155 461	154 835	132 070	113 165
207 353	222 486	247 583	294 116	292 515	318 404	346 563	304 876	295 561	220 590
275 129	341 895	375 363	389 564	391 857	409 554	437 701	429 504	410 875	377 967
15 518	18 372	12 295	10 098	16 170	20 222	20 383	22 239	20 776	22 173
125 970	128 860	119 880	126 756	106 288	142 863	172 537	129 423	133 445	146 073
491 488	523 910	591 958	699 427	731 706	836 043	970 909	1 079 938	1 272 350	901 222
1 419	3 215	3 771	3 782	4 039	1 011	365	3 929	2 251	562
73 831	60 018	51 840	26 854	54 009	121 089	122 572	46 628	- 54 978	- 99 598
1 362 411	1 549 608	1 640 619	1 777 496	1 781 375	2 016 446	2 226 491	2 171 372	2 212 350	1 682 154
1 288 580	1 489 590	1 588 779	1 750 642	1 727 366	1 895 357	2 103 919	2 124 744	2 267 328	1 781 752
934 698	1 058 661	1 111 095	1 248 681	1 233 801	1 395 002	1 595 394	1 598 910	1 770 037	1 315 459
22 594	23 076	23 864	24 041	27 402	26 494	22 515	26 355	15 906	17 736
1 818	2 276	1 940	1 614	1 392	1 323	2 019	1 531	1 346	955
308 362	322 899	382 816	462 851	497 342	622 456	712 172	744 556	969 294	627 025
93 164	105 817	105 614	123 726	117 828	124 374	144 111	170 328	153 817	139 251
18 358	21 192	19 447	19 153	15 881	15 899	16 879	14 018	12 512	8 923
55 681	63 781	75 040	86 412	84 700	93 352	88 720	71 832	83 538	64 410
146 284	140 059	122 097	119 094	113 978	142 612	214 027	191 388	196 558	196 150
218 597	294 115	286 024	289 815	248 607	235 530	243 075	240 946	191 329	156 250
13 171	17 957	21 997	29 187	32 284	35 143	43 528	36 873	36 485	29 743
56 669	67 489	72 256	92 788	94 387	97 819	108 348	101 083	109 252	75 016
350 403	426 825	473 307	496 998	488 593	494 993	503 350	520 713	491 710	460 576
3 479	4 104	4 377	4 963	4 972	5 362	5 175	5 121	5 581	5 717
73 831	60 018	51 840	26 854	54 009	121 089	122 572	46 628	- 54 978	- 99 598
35 640	943	26 551	22 495	44 470	96 215	107 132	83 195	- 27 148	- 75 893
1 550	1 269	6 173	4 351	3 649	45 424	46 014	62 759	- 9 701	- 23 572
23 154	4 767	18 633	13 925	9 396	12 106	33 742	12 097	- 2 238	- 8 312
- 196	407	1 734	1 479	1 075	- 5 525	- 4 033	2 693	454	- 931
11 132	- 5 500	11	2 740	30 350	44 210	31 409	5 646	- 15 663	- 43 078
34 058	58 976	22 857	2 362	5 605	22 193	11 192	- 33 192	- 34 428	- 25 998
4 133	99	2 432	1 997	3 934	2 681	4 248	- 5 375	6 598	2 293
1 362 411	1 549 608	1 640 619	1 777 496	1 781 375	2 016 446	2 226 491	2 171 372	2 212 350	1 682 154
1 288 580	1 489 590	1 588 779	1 750 642	1 727 366	1 895 357	2 103 919	2 124 744	2 267 328	1 781 752
672 894	809 884	889 672	1 020 241	1 022 463	1 196 852	1 380 300	1 357 748	1 542 479	1 086 405
261 804	248 777	221 423	228 440	211 338	198 150	215 094	241 162	227 558	229 054
350 403	426 825	473 307	496 998	488 593	494 993	503 350	520 713	491 710	460 576
3 479	4 104	4 377	4 963	4 972	5 362	5 175	5 121	5 581	5 717
73 831	60 018	51 840	26 854	54 009	121 089	122 572	46 628	- 54 978	- 99 598
70 383	67 821	43 310	22 064	51 482	114 508	145 419	30 249	- 60 413	- 88 054
3 448	- 7 803	8 530	4 790	2 527	6 581	- 22 847	16 377	5 435	- 11 544
1 362 411	1 549 608	1 640 619	1 777 496	1 781 375	2 016 446	2 226 491	2 171 372	2 212 350	1 682 154

Table 102. Gross capital

Items	1960	1965	1970	1975	1980	1985	1990
							At 1996
A. By type of capital goods							
a. Gross fixed capital formation	37 140	62 993	148 808	327 647	538 400	549 803	1 017 519
1. Residential building	6 862	8 565	18 349	41 162	84 952	94 419	122 025
2. Non-residential building	10 148	16 610	29 437	48 714	102 758	113 033	166 218
3. Other construction except land improvement	9 758	14 930	28 154	75 066	92 999	103 000	206 708
4. Land improvement and plantation and orchard development	161	244	460	1 251	1 526	2 213	7 118
5. Transport equipment	2 434	5 109	18 205	27 783	52 414	51 711	90 073
6. Machinery and equipment	7 759	17 486	54 051	133 273	203 138	182 353	422 306
7. Breeding stock, draught animals, dairy cattle and the like	18	49	152	398	613	3 074	3 071
b. Increase in stocks	6 072	15 543	21 219	- 6 118	47 035	3 958	30 860
Gross capital formation	43 212	78 536	170 027	321 529	585 435	553 761	1 048 379
B. By kind of activity							
a. Gross fixed capital formation	37 140	62 993	148 808	327 647	538 400	549 803	1 017 519
Industries	30 456	52 359	124 845	274 251	449 134	435 951	760 639
1. Agriculture, forestry, fishing and animal husbandry	6 138	10 479	10 274	12 712	16 468	14 417	25 469
2. Mining and quarrying	580	391	1 011	4 423	2 341	1 419	1 352
3. Manufacturing	6 474	14 938	48 582	119 482	146 685	141 639	258 257
4. Electricity, gas and water	2 974	4 651	11 656	40 965	74 044	52 811	98 169
5. Construction	87	205	2 023	8 967	10 384	8 131	13 611
6. Trade and eating-drinking places	1 635	3 738	6 245	9 256	25 046	25 695	36 957
7. Transport, storage and communication	4 919	6 088	20 121	28 546	68 427	58 437	105 818
8. Finance, insurance and real estate	7 260	10 245	20 539	45 184	96 475	107 711	165 177
9. Business services	-	-	-	-	-	3 262	6 315
10. Social, personal and related community services	389	1 624	4 394	4 716	9 264	22 429	49 514
Producers of government services	6 640	10 454	23 400	52 840	88 223	112 370	254 389
Producers of private nonprofit institutions serving households	44	180	563	556	1 043	1 482	2 491
b. Increase in stocks	6 072	15 543	21 219	- 6 118	47 035	3 958	30 860
1. Goods producing industries	3 890	9 503	16 718	- 14 473	34 693	3 290	51 044
(1) Materials and supplies	2 258	5 159	7 265	- 9 524	11 525	- 12 772	46 386
(2) Work-in-progress	- 153	2 056	3 407	- 2 686	4 382	5 644	1 531
(3) Livestock except breeding stock, dairy cattle and the like	-	-	- 128	2 201	- 1 216	278	- 1 702
(4) Finished goods	1 785	2 288	6 174	- 4 464	20 002	10 140	4 829
2. Trade and eating-drinking places	467	5 814	2 797	8 104	12 557	- 53	- 22 521
3. Other industries	1 715	226	1 704	251	- 215	721	2 337
Gross capital formation	43 212	78 536	170 027	321 529	585 435	553 761	1 048 379
C. By type of owner							
a. Gross fixed capital formation	37 140	62 993	148 808	327 647	538 400	549 803	1 017 519
1. Private enterprises	19 438	41 214	85 341	152 458	275 270	313 701	514 207
2. Public enterprises	11 018	11 145	39 504	121 793	173 864	122 250	246 432
3. General government	6 640	10 454	23 400	52 840	88 223	112 370	254 389
4. Private nonprofit institutions serving households	44	180	563	556	1 043	1 482	2 491
b. Increase in stocks	6 072	15 543	21 219	- 6 118	47 035	3 958	30 860
1. Private enterprises	3 940	11 535	15 891	- 11 978	25 813	5 697	17 379
2. Public enterprises	2 132	4 008	5 328	5 860	21 222	- 1 739	13 481
Gross capital formation	43 212	78 536	170 027	321 529	585 435	553 761	1 048 379

formation (continued)

Millions of N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
constant prices									
1 316 774	1 474 330	1 583 432	1 699 134	1 727 366	1 911 315	2 064 433	2 101 150	2 282 021	1 811 585
173 602	246 487	240 217	225 898	184 791	165 229	152 114	151 355	130 055	112 907
209 362	218 735	250 664	293 373	292 515	313 812	338 390	297 273	289 767	218 496
278 039	335 147	378 282	387 207	391 857	403 430	427 130	418 789	403 439	376 298
15 677	18 006	12 400	10 042	16 170	19 934	19 900	21 513	20 234	22 003
134 140	134 097	121 934	124 334	106 288	142 283	165 761	124 676	124 724	129 926
504 497	518 672	576 252	654 727	731 706	865 580	960 776	1 083 626	1 311 487	951 363
1 457	3 186	3 683	3 553	4 039	1 047	362	3 918	2 315	592
75 885	63 019	53 070	25 101	54 009	122 766	126 471	50 622	- 54 993	- 103 876
1 392 659	1 537 349	1 636 502	1 724 235	1 781 375	2 034 081	2 190 904	2 151 772	2 227 028	1 707 709
1 316 774	1 474 330	1 583 432	1 699 134	1 727 366	1 911 315	2 064 433	2 101 150	2 282 021	1 811 585
958 025	1 050 823	1 104 208	1 204 237	1 233 801	1 414 974	1 567 969	1 586 800	1 790 892	1 343 389
23 162	22 911	23 820	23 381	27 402	26 529	21 938	25 771	15 731	17 622
1 865	2 240	1 896	1 513	1 392	1 367	2 007	1 516	1 383	1 003
316 285	320 287	376 447	440 077	497 342	637 823	703 867	743 556	991 364	653 225
95 569	104 618	102 532	115 439	117 828	127 860	142 100	170 666	157 767	146 840
18 890	21 135	19 269	18 430	15 881	16 197	16 667	13 889	12 572	9 078
57 457	63 955	75 061	83 459	84 700	94 545	86 584	70 263	82 362	64 267
152 170	141 355	122 423	115 808	113 978	142 079	207 934	188 879	194 950	189 160
221 239	289 094	288 396	287 663	248 607	233 650	238 831	236 921	189 569	156 950
13 588	18 028	21 765	27 969	32 284	35 905	42 504	36 311	36 143	29 615
57 800	67 200	72 599	90 498	94 387	99 019	105 537	99 028	109 051	75 629
355 206	419 473	474 882	490 106	488 593	490 930	491 392	509 292	485 535	462 385
3 543	4 034	4 342	4 791	4 972	5 411	5 072	5 058	5 594	5 811
75 885	63 019	53 070	25 101	54 009	122 766	126 471	50 622	- 54 993	- 103 876
36 523	1 691	26 658	20 948	44 470	97 792	110 656	88 709	- 27 448	- 78 973
1 688	1 722	5 413	3 846	3 649	46 912	47 542	67 218	- 9 896	- 24 813
23 856	4 845	19 394	13 020	9 396	12 171	35 076	12 737	- 2 115	- 8 633
- 197	414	1 769	1 420	1 075	- 5 622	- 4 092	2 859	467	- 946
11 176	- 5 290	82	2 662	30 350	44 331	32 130	5 895	- 15 904	- 44 581
35 139	61 247	23 678	2 246	5 605	22 287	11 450	- 32 311	- 34 317	- 27 290
4 223	81	2 734	1 907	3 934	2 687	4 365	- 5 776	6 772	2 387
1 392 659	1 537 349	1 636 502	1 724 235	1 781 375	2 034 081	2 190 904	2 241 589	2 227 028	1 707 709
1 316 774	1 474 330	1 583 432	1 699 134	1 727 366	1 911 315	2 064 433	2 101 150	2 282 021	1 811 585
689 436	804 742	887 498	988 489	1 022 463	1 212 729	1 356 805	1 347 588	1 559 975	1 103 112
268 589	246 081	216 710	215 748	211 338	202 245	211 164	239 212	230 917	240 277
355 206	419 473	474 882	490 106	488 593	490 930	491 392	509 292	485 535	462 385
3 543	4 034	4 342	4 791	4 972	5 411	5 072	5 058	5 594	5 811
75 885	63 019	53 070	25 101	54 009	122 766	126 471	50 622	- 54 993	- 103 876
72 153	71 207	44 500	20 630	51 482	115 891	150 791	33 332	- 60 367	- 91 828
3 732	- 8 188	8 570	4 471	2 527	6 875	- 24 320	17 290	5 374	- 12 048
1 392 659	1 537 349	1 636 502	1 724 235	1 781 375	2 034 081	2 190 904	2 241 589	2 227 028	1 707 709

Table 103. Disposable income, consumption

Items	1985	1986	1987	1988	1989	1990	1991
Average disposable income per household	320 495	341 728	366 487	410 483	464 994	520 147	587 242
By disposable income quintile							
Lowest fifth (a)	134 104	141 750	148 553	161 874	179 029	193 685	227 816
Second fifth	217 704	230 893	247 424	275 655	313 864	343 785	389 205
Third fifth	280 779	297 011	321 169	360 258	411 978	455 427	511 410
Fourth fifth	366 661	386 991	418 238	469 525	536 296	603 914	674 452
Highest fifth (b)	603 229	651 995	697 051	785 101	883 807	1 003 925	1 133 327
(b)/(a) (Times)	4.50	4.60	4.69	4.85	4.94	5.18	4.97
Average consumption expenditure per household	246 277	258 474	275 104	302 207	336 875	370 323	411 760
By disposable income quintile							
Lowest fifth (c)	126 996	132 570	134 948	148 715	163 638	177 935	202 205
Second fifth	189 388	201 167	210 806	234 288	263 082	286 961	323 411
Third fifth	233 474	244 231	260 769	290 348	324 824	354 609	393 912
Fourth fifth	285 547	296 600	320 141	348 809	392 116	431 054	475 757
Highest fifth (d)	395 979	417 802	448 858	488 875	540 717	601 057	663 517
(d)/(c) (Times)	3.12	3.15	3.33	3.29	3.30	3.38	3.28
Percent distribution							
Food, beverage and tobacco	38.20	37.42	36.46	35.02	33.67	32.33	30.92
Clothing and footwears	5.89	5.84	6.00	6.10	6.03	5.92	5.96
Rent, fuel and power	23.54	23.26	23.00	23.17	23.82	24.62	25.70
Family furniture, furnishing and household	4.12	4.30	4.42	4.65	4.59	4.27	4.33
Medical care and health expenses	5.26	5.42	5.36	5.24	4.86	4.82	5.40
Transport and communication	8.30	8.23	8.50	8.42	9.24	8.83	8.92
Recreation, education & cultural services	9.52	10.03	10.64	11.74	12.01	13.34	12.82
Miscellaneous	5.17	5.50	5.62	5.66	5.78	5.87	5.95
Average saving per household	75 749	83 254	91 382	108 276	128 119	149 824	175 482
By disposable income quintile							
Lowest fifth (e)	7 591	9 180	13 606	13 159	15 391	15 750	25 611
Second fifth	29 007	29 726	36 617	41 368	50 783	56 825	65 794
Third fifth	48 520	52 780	60 400	69 910	87 154	100 817	117 499
Fourth fifth	82 833	90 391	98 097	120 716	144 181	172 862	198 695
Highest fifth (f)	210 792	234 193	248 193	296 226	343 090	402 868	469 810
(f)/(e)(Times)	27.77	25.51	18.24	22.51	22.29	25.58	18.34

expenditure and savings of households

N.T. Dollars

1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
639 696	727 879	769 755	811 338	826 378	863 427	873 175	889 053	891 445	868 651
235 752	259 381	280 259	296 166	298 443	312 458	310 865	317 001	315 172	279 404
423 392	477 408	499 105	525 749	537 241	557 429	560 766	573 853	571 355	524 766
560 466	642 257	669 983	704 713	723 067	753 919	765 375	778 496	778 556	740 054
742 466	853 214	892 016	948 484	966 103	1 003 815	1 014 770	1 031 669	1 043 508	1 013 478
1 236 408	1 407 140	1 507 414	1 581 580	1 607 034	1 689 517	1 714 097	1 744 245	1 748 633	1 785 550
5.24	5.42	5.38	5.34	5.38	5.41	5.51	5.50	5.55	6.39
445 220	504 133	545 987	591 035	614 435	634 477	646 343	655 282	662 722	657 872
211 622	238 753	255 078	270 859	285 227	292 464	288 889	290 266	300 440	283 920
351 510	394 795	419 297	451 990	464 278	487 183	496 500	497 548	502 783	480 451
432 439	490 342	522 530	567 437	589 982	612 672	632 744	638 566	634 736	629 430
517 933	590 955	624 470	685 390	721 896	747 747	763 930	777 298	780 907	792 556
712 598	805 819	908 563	979 498	1 010 792	1 032 317	1 049 654	1 072 735	1 094 744	1 103 002
3.37	3.38	3.56	3.62	3.54	3.53	3.63	3.70	3.64	3.88
29.79	27.73	26.05	25.50	26.08	25.74	25.77	25.15	24.21	24.34
6.10	5.65	4.90	4.60	4.49	4.50	4.48	4.08	3.83	3.64
26.38	25.55	25.65	24.91	25.30	25.10	25.24	24.91	25.15	24.60
4.20	4.05	4.56	4.57	4.58	4.38	4.17	4.03	3.96	3.91
5.08	7.82	8.49	10.37	9.84	9.98	10.32	10.97	11.09	11.53
8.97	9.82	9.87	10.00	10.17	10.42	10.60	11.11	11.37	11.69
13.36	13.01	13.48	13.12	12.97	13.11	12.81	12.96	13.51	13.32
6.12	6.37	7.00	6.93	6.57	6.77	6.61	6.80	6.88	6.97
194 476	223 747	223 768	220 303	211 943	228 951	226 831	233 770	228 723	210 779
24 130	20 627	25 181	25 307	13 216	19 994	21 976	26 735	14 733	- 4 516
71 882	82 614	79 808	73 759	72 963	70 245	64 267	76 305	68 572	44 315
128 027	151 915	147 453	137 276	133 085	141 247	132 630	139 931	143 820	110 623
224 533	262 258	267 546	263 094	244 207	256 068	250 840	254 371	262 601	220 922
523 810	601 321	598 851	602 083	596 242	657 199	664 443	671 511	653 888	682 548
21.71	29.15	23.78	23.79	45.12	32.87	30.23	25.12	44.38	-

Table 104. Income, expenditure

Items	General average	Disposable income		
		Lowest 20 percent	Second 20 percent	Third 20 percent
No. of households (households)	6 730 886	1 346 177	1 346 177	1 346 177
No. of persons per household (persons)	3.58	2.01	3.18	3.88
No. of adults per household (persons)	2.55	1.68	2.22	2.61
No. of persons employed per household (persons)	1.56	0.66	1.23	1.62
No. of income recipients per household (persons)	1.64	1.06	1.30	1.59
Total receipts	1 064 136	352 329	658 277	916 753
Compensation of employees	602 182	100 768	322 330	488 981
Entrepreneurial income	176 460	44 020	114 700	183 041
Property income	64 933	21 195	32 289	41 632
Imputed rent income	67 941	37 053	52 696	64 890
Current transfer receipts	152 430	149 088	136 069	138 028
From individuals	45 484	63 419	46 424	37 905
From government	31 559	45 383	32 123	29 787
Benefit of social insurance	72 554	39 650	55 813	67 914
From enterprises	1 387	94	594	523
From abroad	1 446	543	1 116	1 900
Miscellaneous receipts	190	205	193	182
Nonconsumption expenditures	195 485	72 925	133 511	176 700
Interest	42 149	19 903	38 492	44 472
Current transfer expenditures	153 336	53 022	95 019	132 227
To private	48 635	18 380	29 756	40 536
To government	32 033	6 440	14 387	22 432
Social insurance	68 588	24 912	48 368	66 690
To abroad	4 081	3 290	2 508	2 570
Consumption expenditures	657 872	283 920	480 451	629 430
Food	149 253	70 290	119 616	152 161
Beverage	5 721	2 438	4 288	5 632
Tobacco	5 182	3 259	4 774	5 780
Clothing and footwears	23 961	7 610	15 446	22 151
Rent and water charges	143 374	79 908	113 687	137 648
Fuel and light	18 453	11 180	15 824	19 142
Furniture and family facilities	11 893	3 365	7 313	10 052
Household operations	13 852	3 998	7 963	10 241
Health care and medical	75 853	44 524	62 148	74 838
Transport and communications	76 894	22 510	50 297	70 984
Recreation education and culture	87 597	20 317	52 549	82 603
Miscellaneous	45 840	14 522	26 546	38 198
Disposable income	868 651	279 404	524 766	740 054
Final consumption expenditure	657 872	283 920	480 451	629 430
Saving	210 779	- 4 516	44 315	110 623
Current receipts	1 108 461	377 559	691 902	958 381

and savings per household, 2001

N.T. Dollars

quintile		Farm and non-farm		Degree of urbanization		
Fourth 20 percent	Highest 20 percent	Farm	Non-fram	City	Town	Village
1 346 177	1 346 178	734 213	5 996 673	4 705 393	1 321 588	703 905
4.24	4.60	3.93	3.54	3.56	3.80	3.33
2.90	3.32	2.95	2.50	2.53	2.64	2.48
1.96	2.35	2.13	1.49	1.53	1.68	1.61
1.91	2.34	1.81	1.62	1.64	1.71	1.53
1 242 356	2 150 962	850 428	1 090 301	1 162 906	907 335	698 277
746 353	1 352 476	345 348	633 628	676 869	505 462	284 514
210 819	329 720	232 629	169 583	182 850	154 671	174 654
59 915	169 636	38 104	68 218	79 558	32 983	27 158
79 124	105 941	50 333	70 097	75 650	57 172	36 623
145 945	193 021	183 791	148 591	147 783	156 915	175 078
36 079	43 595	47 744	45 208	47 419	38 991	44 745
26 045	24 460	51 526	29 115	26 873	37 743	51 277
80 633	118 758	83 898	71 165	70 227	77 700	78 442
1 008	4 718	600	1 484	1 645	895	591
2 180	1 491	22	1 620	1 619	1 586	22
201	168	224	185	197	133	251
228 878	365 412	129 445	203 571	218 028	161 947	107 763
49 145	58 731	13 153	45 699	49 768	30 139	13 766
179 732	306 681	116 292	157 872	168 260	131 808	93 996
58 003	96 498	37 820	49 959	53 908	39 315	30 883
34 293	82 611	20 661	33 425	36 699	24 768	14 483
86 160	116 811	57 423	69 955	72 147	66 611	48 507
1 276	10 760	388	4 533	5 506	1 115	123
792 556	1 103 002	540 750	672 212	714 119	573 526	440 239
180 481	223 715	132 918	151 253	159 551	133 099	110 737
7 062	9 183	5 784	5 713	5 851	5 717	4 856
6 219	5 879	5 963	5 087	5 084	5 460	5 316
29 345	45 253	18 884	24 582	26 028	21 960	13 898
165 460	220 169	97 815	148 952	162 771	110 342	75 729
21 121	24 997	16 852	18 649	19 447	17 221	14 119
14 730	24 005	9 965	12 129	13 009	10 260	7 496
16 799	30 257	5 440	14 882	16 740	8 274	5 019
87 981	109 773	84 545	74 788	74 563	78 624	79 271
95 493	145 187	67 140	78 088	81 522	73 515	52 302
111 836	170 680	59 551	91 031	99 022	70 561	43 211
56 029	93 906	35 891	47 058	50 530	38 491	28 285
1 013 478	1 785 550	720 982	886 731	944 879	745 388	590 514
792 556	1 103 002	540 750	672 212	714 119	573 526	440 239
220 922	682 548	180 233	214 519	230 760	171 863	150 276
1 293 283	2 221 177	881 298	1 136 274	1 213 440	939 755	723 452

Table 105. Transactions table at producers' prices,

Input sectors (Use)		Output sectors (Supply)						
		01	02	03	04	05	06	07
01	Agricultural products	43 065	15 548	0	1 082	0	95 565	3 140
02	Livestock	1 642	20 181	0	17	0	105 642	2
03	Forest products	309	5	324	1	0	4	0
04	Fisheries	0	132	0	2 850	0	7 153	0
05	Minerals	0	3	0	5	9 762	918	13
06	Process foods	252	59 019	0	5 340	2	62 922	7 645
07	Beverages	14	67	0	1	52	286	1 198
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	175	17	1	1 462	74	260	2
10	Wearing apparel and accessories	33	0	1	128	26	51	26
11	Leather & leather products	0	0	0	0	0	0	0
12	Wood & Wood products	368	178	0	169	548	149	9
13	Paper & paper products & printed matter	298	58	1	586	80	5 135	3 325
14	Industrial chemicals	112	0	2	14	40	1 686	1 002
15	Artificial fibers	0	0	0	0	0	0	2
16	Plastic	0	0	0	0	0	9	0
17	Plastic products	1 923	112	1	310	163	5 020	1 490
18	Misc. chemical manufactures	14 091	1 431	6	229	1 312	3 163	1 255
19	Petroleum refining products	3 804	25	29	6 730	6 204	2 309	838
20	Non-metallic mineral products manufacturing	82	0	1	8	191	532	792
21	Iron and steel products	3	9	0	0	211	4	0
22	Miscellaneous metals	0	0	0	0	0	378	1 387
23	Metallic products	498	604	2	103	757	2 712	10 383
24	Machinery	1 329	65	1	355	3 758	1 216	431
25	Household electrical electronic Products	28	0	0	29	47	6	0
26	Information products	0	0	0	204	23	40	5
27	Communication products	0	0	0	0	0	0	0
28	Electronic components & parts	0	0	0	0	0	0	0
29	Electrical machinery & other appliances	89	0	0	26	298	191	13
30	Transport equipment	1	0	2	2 280	59	148	13
31	Other manufactures	66	1	0	720	57	191	77
32	Residential building construction	62	627	1	8	137	276	174
33	Public & other construction	347	0	5	41	322	65	29
34	Electricity	900	995	2	1 329	1 829	5 287	771
35	Gas	4	2	2	0	17	41	9
36	City water	15	218	0	19	51	134	84
37	Transportation, storage and communication	1 562	2 530	78	2 973	1 064	9 701	1 422
38	Commodities trading	4 107	7 497	3	5 519	1 715	34 581	4 122
39	Finance & insurance services	13 348	10 128	42	2 757	407	10 365	2 117
40	Real estate services	0	0	0	206	82	789	88
41	Food, beverage & hotel services	93	0	17	73	133	579	45
42	Business services	1 724	0	0	1 416	1 228	13 664	4 247
43	Public services	0	0	0	0	0	0	0
44	Education & medical services	67	305	6	208	3	642	25
45	Other social, personal and related community services	754	999	25	447	476	4 750	679
01-45	Intermediate inputs	91 165	120 756	552	37 645	31 128	376 564	46 860
46	Compensation of employees	102 891	14 977	2 005	26 158	31 828	49 041	11 680
47	Operating surplus	24 410	14 606	156	22 285	9 008	18 938	2 412
47-(1)	Interest	107	475	1	197	95	610	- 502
47-(2)	Rent	719	1 360	10	206	249	569	46
47-(3)	Transfer payments	0	0	0	2 938	476	2 208	253
47-(4)	Funds	0	0	0	0	0	0	11
47-(5)	Profits	23 584	12 771	145	18 944	8 188	15 551	2 604
48	Depreciation	11 586	7 376	248	5 089	6 332	10 177	5 071
49	Indirect taxes	966	878	8	1 397	1 230	9 144	24 569
49-(1)	Net commodity taxes	0	0	0	0	585	0	3 075
49-(2)	Net import duties	183	35	0	634	185	2 457	669
49-(3)	Value-added taxes	605	791	2	365	0	2 365	287
49-(4)	Other taxes	178	52	6	398	460	4 322	20 538
46-49	Primary inputs	139 853	37 837	2 417	54 929	48 398	87 300	43 732
50	Adjustment item	0	0	0	0	0	0	6 254
01-50	Total inputs	231 018	158 593	2 969	92 574	79 526	463 864	96 846

1999 (excluding net import duties)

Millions of N.T. Dollars

08	09	10	11	12	13	14	15	16	17
1 778	12 381	270	0	36	85	0	0	0	15
0	2 971	91	0	0	0	24	0	0	0
0	7	7	1	4 411	807	88	3	0	85
0	0	0	0	0	0	0	0	0	0
0	69	3	30	15	379	5 662	190	870	339
3	781	484	11 119	70	249	756	0	237	0
0	0	0	0	0	1	2	0	0	0
2 636	0	0	0	0	0	0	0	0	0
0	147 793	75 392	466	453	954	29	246	22	7 201
2	1 088	5 685	178	97	131	39	136	153	548
0	213	362	13 177	64	71	28	12	13	924
13	113	47	42	15 295	909	381	61	75	246
610	2 894	1 562	338	853	100 855	584	3 272	2 047	3 241
29	1 807	26	1 502	242	2 397	91 494	47 956	131 212	10 471
250	90 684	4 061	0	83	388	0	2 894	0	1 861
0	7 272	40	327	954	526	204	20 681	12 832	92 088
12	2 391	2 086	595	1 620	3 058	434	241	1 122	33 745
45	13 031	1 393	2 523	1 758	8 865	3 186	715	4 807	19 631
30	3 728	702	200	430	3 421	35 932	1 023	2 151	2 552
0	77	0	15	386	135	242	19	79	436
0	68	25	1	578	124	233	150	168	632
117	22	0	27	125	412	2 766	3	0	764
3	526	413	223	1 073	806	821	280	965	3 011
53	3 384	452	114	609	1 214	2 240	2 636	570	1 985
0	49	6	1	58	90	16	29	6	20
22	68	5	2	14	24	12	0	0	11
0	0	0	0	0	0	0	0	0	0
0	29	0	0	19	2	0	3	0	387
1	428	95	16	85	621	441	182	88	335
5	198	34	7	16	156	42	4	10	363
427	448	3 263	80	90	3 327	131	105	54	1 045
22	595	288	32	131	396	282	182	138	534
0	41	14	12	11	28	94	43	0	21
57	15 068	1 688	452	1 665	13 499	12 536	4 973	7 928	9 696
0	41	11	3	19	75	55	0	1	79
17	143	61	18	44	112	222	37	154	130
138	6 927	3 586	924	2 501	6 038	5 200	1 307	3 046	4 635
332	19 325	13 536	1 663	6 117	24 080	8 325	3 655	8 974	19 015
247	15 952	4 073	1 892	3 848	9 086	3 978	3 282	4 299	8 643
18	953	616	59	460	1 215	406	50	79	1 066
15	728	401	76	95	493	368	110	238	829
140	7 016	4 120	712	2 290	10 033	5 246	966	2 019	5 443
0	0	0	0	0	0	0	0	0	0
0	819	350	64	112	578	544	312	167	760
17	4 578	1 109	343	1 354	11 220	3 573	1 809	2 335	3 624
7 039	364 706	126 357	37 234	48 081	206 860	186 616	97 567	186 859	236 411
3 037	71 664	43 895	7 379	21 357	77 230	27 641	8 050	16 401	65 390
- 265	18 594	5 133	1 461	4 933	16 858	13 205	7 573	12 479	21 797
- 484	2 064	591	44	558	1 383	362	124	341	1 332
1	217	310	38	244	655	184	84	9	190
34	965	297	53	368	1 696	1 072	83	550	370
0	0	0	0	0	0	0	0	0	0
184	15 348	3 935	1 326	3 763	13 124	11 587	7 282	11 579	19 905
707	22 462	3 360	1 018	3 582	16 367	16 245	6 819	6 726	13 810
11 989	2 791	1 803	366	972	5 848	2 232	577	1 594	2 992
0	0	0	0	0	0	0	0	0	0
386	1 464	835	213	332	1 376	1 281	291	1 156	1 678
229	40	0	0	0	1 967	0	0	0	0
11 374	1 287	968	153	640	2 505	951	286	438	1 314
15 468	115 511	54 191	10 224	30 844	116 303	59 323	23 019	37 200	103 989
3 672	0	0	0	0	0	0	0	0	0
26 179	480 217	180 548	47 458	78 925	323 163	245 939	120 586	224 059	340 400

Table 105. Transactions table at producers' prices,

Output sectors (Supply)		Input sectors (Use)						
		18	19	20	21	22	23	24
01	Agricultural products	630	0	0	0	0	0	0
02	Livestock	196	0	0	0	0	0	0
03	Forest products	1 836	0	2	0	0	2	0
04	Fisheries	0	0	0	0	0	0	0
05	Minerals	594	162 716	30 654	19 778	35	485	240
06	Process foods	1 674	0	8	2	0	0	0
07	Beverages	48	0	0	2	0	0	6
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	4 455	44	350	215	8	892	118
10	Wearing apparel and accessories	214	27	66	30	0	412	129
11	Leather & leather products	874	5	6	13	0	176	250
12	Wood & Wood products	51	8	551	90	68	1 862	1 129
13	Paper & paper products & printed matter	4 307	108	3 789	809	558	3 626	1 532
14	Industrial chemicals	46 163	1 232	5 998	2 691	3 517	3 372	849
15	Artificial fibers	961	0	2	33	0	142	0
16	Plastic	9 938	18	936	317	17	2 271	1 614
17	Plastic products	5 620	177	678	533	54	6 028	3 418
18	Misc. chemical manufactures	49 636	1 262	2 916	2 764	358	7 831	6 193
19	Petroleum refining products	2 798	10 440	8 706	17 798	917	2 541	1 944
20	Non-metallic mineral products manufacturing	1 788	61	31 547	6 865	190	2 680	1 186
21	Iron and steel products	1 289	164	3 223	314 513	659	101 702	92 596
22	Miscellaneous metals	195	249	436	11 287	47 253	45 806	12 437
23	Metallic products	3 934	226	1 947	4 993	1 875	39 295	29 953
24	Machinery	1 815	906	4 807	5 020	876	4 427	57 544
25	Household electrical electronic Products	3	8	22	58	1	428	488
26	Information products	0	23	0	0	0	0	9 500
27	Communication products	0	0	0	0	0	0	0
28	Electronic components & parts	5	0	15	40	0	548	7 972
29	Electrical machinery & other appliances	257	79	593	582	296	1 605	24 228
30	Transport equipment	212	227	420	52	19	129	588
31	Other manufactures	271	156	137	150	20	396	1 837
32	Residential building construction	312	213	492	351	96	391	464
33	Public & other construction	65	78	68	11	12	63	81
34	Electricity	4 273	9 328	8 903	18 291	2 175	7 631	3 887
35	Gas	61	0	1 702	47	14	77	56
36	City water	386	189	117	1 250	52	297	137
37	Transportation, storage and communication	5 693	3 669	9 785	11 027	2 000	9 349	11 511
38	Commodities trading	19 109	1 760	13 542	34 775	7 066	31 017	35 468
39	Finance & insurance services	7 076	1 014	8 969	20 020	4 541	12 888	11 371
40	Real estate services	913	19	689	274	115	2 109	1 787
41	Food, beverage & hotel services	833	73	389	545	50	571	1 583
42	Business services	13 994	3 213	4 289	4 896	828	8 052	9 401
43	Public services	0	0	0	0	0	0	0
44	Education & medical services	271	23	479	1 492	172	600	802
45	Other social, personal and related community services	4 611	1 737	3 752	31 716	13 198	6 234	5 840
01-45	Intermediate inputs	197 361	199 452	150 985	513 330	87 040	305 935	338 139
46	Compensation of employees	55 864	16 747	48 333	55 788	12 895	103 408	101 197
47	Operating surplus	16 846	7 803	17 686	42 052	5 802	21 271	22 280
47-(1)	Interest	1 098	- 224	679	2 400	138	1 278	1 806
47-(2)	Rent	1 057	237	354	702	121	1 239	845
47-(3)	Transfer payments	1 229	37	1 311	474	224	683	487
47-(4)	Funds	0	0	0	0	0	0	0
47-(5)	Profits	13 462	7 753	15 342	38 476	5 319	18 071	19 142
48	Depreciation	8 992	9 800	13 767	27 480	3 119	15 724	15 872
49	Indirect taxes	5 275	73 306	8 437	3 813	718	3 372	5 180
49-(1)	Net commodity taxes	805	68 386	5 661	0	0	48	0
49-(2)	Net import duties	2 316	4 485	1 235	2 672	433	1 611	3 053
49-(3)	Value-added taxes	396	341	0	0	0	0	86
49-(4)	Other taxes	1 758	94	1 541	1 141	285	1 713	2 041
46-49	Primary inputs	86 977	107 656	88 223	129 133	22 534	143 775	144 529
50	Adjustment item	0	0	0	0	0	0	0
01-50	Total inputs	284 338	307 108	239 208	642 463	109 574	449 710	482 668

1999 (excluding net import duties)

Millions of N.T. Dollars

25	26	27	28	29	30	31	32	33	34
0	0	0	0	0	0	144	27	254	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	11	453	313	671	0
0	0	0	0	0	0	543	0	0	0
160	3	0	809	74	208	372	9 871	24 860	43 727
0	0	0	0	0	0	1 217	0	0	6
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
325	252	0	117	451	418	4 568	0	0	0
38	184	24	308	69	568	504	342	8	62
23	23	8	57	12	1 502	764	0	0	0
1 311	385	8	195	633	3 968	2 922	18 464	5 499	0
2 632	4 063	694	5 354	2 610	1 768	3 294	1 711	1 347	368
548	1 258	28	37 835	2 723	1 385	1 218	183	746	5 474
0	0	0	0	23	45	1 579	0	0	0
2 908	9 116	433	20 697	11 135	4 317	7 281	0	0	0
11 449	20 913	2 139	14 092	8 279	5 272	11 812	15 498	10 211	0
1 470	6 108	617	17 086	3 489	12 668	3 110	4 517	3 603	195
395	434	337	1 162	1 028	1 644	641	2 203	10 821	38 741
3 274	1 193	0	33 994	1 339	2 568	3 864	78 183	67 189	15
6 883	2 132	284	4 650	18 194	45 054	6 800	37 046	42 269	33
5 294	4 086	1 111	37 179	42 404	12 273	5 956	650	194	0
8 051	3 799	4 423	18 464	7 790	16 409	9 444	34 861	17 662	143
9 753	4 060	729	5 477	6 624	7 541	1 986	7 117	10 223	1 537
23 783	1 183	1 474	2 709	484	3 906	1 779	5 445	1 921	1
198	61 617	333	1 837	167	129	9 395	23	0	6
817	221	3 669	36	33	945	0	1 536	456	100
38 437	483 176	70 859	386 443	9 467	1 563	24 103	0	0	0
19 914	23 845	4 883	25 670	59 539	7 380	2 093	23 734	38 193	4 504
22	39	2	10	91	155 795	207	22	63	32
615	1 257	95	837	1 255	3 300	14 628	115	802	447
246	113	83	903	233	393	259	184	269	400
9	17	23	117	35	0	6	113	85	3 668
1 648	1 049	305	14 142	3 357	3 599	2 301	753	1 113	40 400
20	13	4	75	23	68	17	0	0	18
49	59	14	374	77	214	137	254	753	186
4 795	13 551	2 777	18 438	4 820	7 676	5 034	14 675	19 633	2 658
16 967	47 243	6 147	43 546	24 434	43 053	14 412	35 558	33 355	2 241
6 417	22 357	3 878	29 424	8 776	8 454	3 001	9 138	9 300	11 062
765	383	443	1 605	655	708	932	1 063	1 130	16
404	738	845	1 461	632	696	479	659	960	68
7 624	13 578	2 680	21 650	2 629	9 696	4 817	14 396	38 601	7 668
0	0	0	0	0	0	0	0	0	0
755	2 713	375	2 625	344	1 006	158	1 694	3 801	379
1 287	6 292	2 631	10 769	3 173	7 833	2 560	5 672	10 338	797
179 286	737 453	112 355	760 147	227 101	374 033	154 790	326 020	356 330	164 952
36 429	92 333	16 258	135 200	47 114	82 933	45 658	119 092	150 952	40 440
6 787	53 751	10 891	101 246	14 214	26 916	14 186	23 946	36 453	52 399
283	640	1 533	7 496	439	702	2 197	1 618	813	9 013
1 355	7 405	263	5 070	215	756	377	374	1 033	131
171	568	123	1 272	998	1 244	162	4 069	4 998	2 944
0	0	0	0	0	0	0	0	0	0
4 978	45 138	8 972	87 408	12 562	24 214	11 450	17 885	29 609	40 311
4 772	12 647	2 789	96 147	10 613	18 563	7 312	3 487	8 950	67 340
9 113	3 094	599	5 280	4 215	41 300	1 453	5 364	5 670	4 079
6 487	0	0	0	17	30 586	10	0	0	0
1 919	2 106	500	3 198	1 929	8 267	723	2 062	1 793	1 080
0	0	0	0	0	102	0	0	0	45
707	988	99	2 082	2 269	2 345	720	3 302	3 877	2 954
57 101	161 825	30 537	337 873	76 156	169 712	68 609	151 889	202 025	164 258
0	0	0	0	0	0	0	0	0	6 274
236 387	899 278	142 892	1 098 020	303 257	543 745	223 399	477 909	558 355	335 484

Table 105. Transactions table at producers' prices,

Output sectors (Supply)		Input sectors (Use)						
		35	36	37	38	39	40	41
01	Agricultural products	0	0	0	292	0	0	12
02	Livestock	0	0	0	0	0	0	0
03	Forest products	0	0	0	0	0	0	1
04	Fisheries	0	0	0	0	0	0	0
05	Minerals	5 763	0	33	0	0	0	605
06	Process foods	0	0	0	2	0	0	2 063
07	Beverages	0	0	0	1	0	0	0
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	0	0	131	1 335	0	0	7
10	Wearing apparel and accessories	0	5	66	593	0	0	2 916
11	Leather & leather products	0	0	0	51	0	0	0
12	Wood & Wood products	0	0	260	1 584	0	0	184
13	Paper & paper products & printed matter	45	56	4 597	21 782	14 301	237	3 758
14	Industrial chemicals	58	266	73	0	0	0	18
15	Artificial fibers	0	0	0	0	0	0	0
16	Plastic	0	2	0	0	0	0	0
17	Plastic products	9	343	3	21 656	0	0	4 430
18	Misc. chemical manufactures	55	17	4 901	1 003	226	22	2 523
19	Petroleum refining products	8 407	50	79 168	17 076	487	733	1 268
20	Non-metallic mineral products manufacturing	0	8	10	153	0	0	1 780
21	Iron and steel products	148	202	169	317	0	0	0
22	Miscellaneous metals	0	0	0	0	0	0	0
23	Metallic products	8	92	740	646	0	8	544
24	Machinery	63	837	3 290	2 095	1 841	13	244
25	Household electrical electronic Products	0	0	262	89	426	0	666
26	Information products	0	0	78	66	3 116	16	2
27	Communication products	0	0	3 650	0	0	0	0
28	Electronic components & parts	0	0	313	54	0	0	6
29	Electrical machinery & other appliances	0	73	2 409	625	188	11	9
30	Transport equipment	5	15	28 948	2 317	46	15	45
31	Other manufactures	172	548	919	2 367	547	30	525
32	Residential building construction	30	117	2 174	4 877	1 693	62 851	911
33	Public & other construction	97	458	10 357	144	0	54 108	5
34	Electricity	50	1 148	7 600	19 842	2 732	370	6 072
35	Gas	142	1	136	559	97	0	6 838
36	City water	2	4 632	494	1 393	242	140	1 929
37	Transportation, storage and communication	535	177	119 148	87 423	14 476	1 301	3 933
38	Commodities trading	5 200	337	15 306	12 575	3 681	229	3 815
39	Finance & insurance services	176	1 467	21 160	106 872	133 058	57 288	5 804
40	Real estate services	66	103	8 806	84 828	22 894	4 175	15 233
41	Food, beverage & hotel services	14	357	4 235	10 104	1 255	253	374
42	Business services	753	281	69 086	129 217	72 161	24 146	9 794
43	Public services	0	0	0	0	0	0	0
44	Education & medical services	15	10	1 101	9 405	3 642	56	291
45	Other social, personal and related community services	235	573	24 995	53 607	24 803	3 381	9 414
01-45	Intermediate inputs	22 048	12 175	414 618	594 950	301 912	209 383	86 019
46	Compensation of employees	2 590	10 169	381 786	862 685	400 234	32 372	143 933
47	Operating surplus	567	2 569	129 308	328 720	282 293	802 317	34 655
47-(1)	Interest	0	171	188	30 407	- 28 875	13 455	995
47-(2)	Rent	0	237	449	6 545	159	767 902	878
47-(3)	Transfer payments	28	105	7 752	51 867	15 621	5 548	4 084
47-(4)	Funds	0	0	0	0	0	0	0
47-(5)	Profits	539	2 056	120 919	239 901	295 388	15 412	28 698
48	Depreciation	282	4 892	120 250	83 948	27 921	71 120	13 771
49	Indirect taxes	298	177	29 449	42 331	93 165	44 703	5 570
49-(1)	Net commodity taxes	0	0	0	0	0	0	0
49-(2)	Net import duties	245	34	12 987	330	88	3	83
49-(3)	Value-added taxes	0	0	1 452	0	7 274	0	0
49-(4)	Other taxes	53	143	15 010	42 001	85 803	44 700	5 487
46-49	Primary inputs	3 737	17 807	660 793	1 317 684	803 613	950 512	197 929
50	Adjustment item	0	0	0	0	0	0	0
01-50	Total inputs	25 785	29 982	1 075 411	1 912 634	1 105 525	1 159 895	283 948

1999 (excluding net import duties)

Millions of N.T. Dollars

42	43	44	45	01-45	46 Household Consumption	47 Government Consumption	48 Fix Capital Formation	49 Inventory Change	50 Territorial export
6	608	129	136	175 203	119 680	0	2 779	- 3 363	4 549
0	0	24	8	130 798	25 470	0	4 291	1 653	343
0	0	0	0	9 341	129	0	1 741	129	354
0	59	0	0	10 737	58 233	0	0	- 492	3 596
8	232	0	88	319 573	733	0	0	- 27	1 045
0	6 213	283	1 201	161 548	372 961	0	0	- 3 042	25 683
0	264	37	372	2 351	117 621	0	0	- 2 196	1 708
0	82	2	12	2 732	42 879	0	0	- 997	29
0	1 155	0	2 222	251 610	4 286	0	629	1 812	265 186
0	2 525	480	922	18 814	96 601	0	0	- 687	107 896
0	459	0	38	19 125	18 292	0	0	- 330	29 801
1 013	862	234	669	60 553	19 410	0	1 648	- 924	36 418
70 990	23 368	4 673	8 702	316 818	55 102	0	0	- 327	23 134
0	711	4 267	2 208	412 813	56	0	0	3 993	46 664
0	0	0	109	103 117	0	0	0	518	23 174
0	0	41	1 803	207 777	0	0	0	3 092	74 671
1 057	1 013	526	3 888	203 421	18 730	0	23	1 019	151 098
625	3 390	25 080	23 081	262 187	102 682	0	0	649	75 264
2 510	9 615	1 654	3 747	297 373	50 476	0	0	4 957	28 939
839	579	1 642	465	244 407	9 051	0	61	- 2 414	30 478
169	3 224	3	2 839	686 768	0	0	0	- 6 387	103 709
234	873	13	481	234 412	18	0	0	2 567	27 147
906	1 556	1 687	2 985	235 621	21 382	0	12 750	1 401	216 413
1 426	6 363	1 303	5 388	173 717	2 578	0	521 454	3 436	234 372
4 061	2 686	3 401	3 552	59 221	105 842	0	44 534	663	74 939
3 712	5 350	3 070	2 273	101 341	79 054	0	163 531	11 272	676 261
0	3 061	0	378	14 902	35 929	0	77 958	931	78 015
2 293	931	341	4 911	1 031 917	1 711	0	0	21 488	807 997
966	3 997	921	4 255	253 758	13 975	0	51 751	2 433	107 030
610	17 255	1 147	21 277	232 948	194 586	0	92 200	- 1 325	169 344
10 864	2 602	10 102	11 741	76 817	75 867	0	134 188	290	158 508
506	119	815	2 635	86 015	0	0	394 120	0	0
0	804	2 229	161	73 887	0	0	484 468	0	0
2 652	6 101	9 515	9 251	267 163	68 997	0	0	0	0
176	133	329	563	11 528	14 665	0	0	3	0
240	888	908	1 042	17 914	12 339	0	0	0	0
12 122	44 852	10 199	13 312	508 201	377 854	0	11 464	261	43 056
16 706	14 231	14 131	23 006	681 476	788 822	0	173 049	4 342	247 897
5 976	2 630	4 952	83 429	694 962	407 359	2 361	0	0	0
10 025	3 504	2 242	17 188	188 757	925 836	0	50 896	0	0
3 151	6 170	1 023	4 727	46 942	266 530	0	0	0	0
23 620	24 761	4 744	25 692	612 531	16 639	0	0	0	0
0	0	0	0	0	0	973 200	0	0	0
325	5 309	1 316	1 931	46 052	509 705	230 226	0	0	0
60 291	70 078	10 808	33 725	448 442	489 695	17 097	0	0	9 570
238 079	278 613	124 271	326 413	9 995 590	5 521 775	1 222 884	2 223 535	44 398	3 884 288
201 614	598 791	564 618	377 316	5 317 373	0	0	0	0	0
77 849	0	51 897	116 756	2 495 043	0	0	0	0	0
- 3 091	0	- 239	1 582	53 800	0	0	0	0	0
5 956	0	116	11 072	819 939	0	0	0	0	0
10 518	0	3 816	21 661	153 357	0	0	0	0	0
0	0	0	0	11	0	0	0	0	0
64 466	0	48 204	82 441	1 467 936	0	0	0	0	0
19 972	88 031	24 799	24 612	943 947	0	0	0	0	0
6 463	7 765	10 833	14 067	504 445	136 109	0	64 998	1 689	0
0	0	0	0	115 660	0	0	0	0	0
493	1 094	651	1 747	70 312	51 852	0	16 415	278	0
0	6 671	5 140	2 007	30 165	84 257	0	48 583	1 411	0
5 970	0	5 042	10 313	288 308	0	0	0	0	0
305 898	694 587	652 147	532 751	9 260 808	136 109	0	64 998	1 689	0
0	0	0	0	16 200	0	0	0	0	0
543 977	973 200	776 418	859 164	19 272 598	5 657 884	1 222 884	2 288 533	46 087	3 884 288

Table 105. Transactions table at producers' prices, 1999 (excluding net import duties)

Output sectors (Supply)	Input sectors (Use)	51 Non- Territorial Export	46-51 Final Demand	01-51=52-54 Total Demand = Total Supply	52 Total Domestic Product	53 Territorial Import	54 Non- Territorial Import
01	Agricultural products	638	124 283	299 486	231 018	65 035	3 433
02	Livestock	64	31 821	162 619	158 593	3 665	361
03	Forest products	0	2 353	11 694	2 969	8 721	4
04	Fisheries	30 242	91 579	102 316	92 574	5 551	4 191
05	Minerals	6	1 757	321 330	79 526	241 784	20
06	Process foods	2 353	397 955	559 503	463 864	83 685	11 954
07	Beverages	754	117 887	120 238	96 846	14 386	9 006
08	Tobacco	235	42 146	44 878	26 179	16 411	2 288
09	Textile mill products	1 359	273 272	524 882	480 217	40 866	3 799
10	Wearing apparel and accessories	4 439	208 249	227 063	180 548	32 341	14 174
11	Leather & leather products	450	48 213	67 338	47 458	14 440	5 440
12	Wood & Wood products	869	57 421	117 974	78 925	38 323	726
13	Paper & paper products & printed matter	1 856	79 765	396 583	323 163	61 001	12 419
14	Industrial chemicals	0	50 713	463 526	245 939	217 537	50
15	Artificial fibers	0	23 692	126 809	120 586	6 223	0
16	Plastic	0	77 763	285 540	224 059	61 472	9
17	Plastic products	502	171 372	374 793	340 400	33 836	557
18	Misc. chemical manufactures	1 500	180 095	442 282	284 338	144 156	13 788
19	Petroleum refining products	298	84 670	382 043	307 108	46 375	28 560
20	Non-metallic mineral products manufacturing	803	37 979	282 386	239 208	42 658	520
21	Iron and steel products	0	97 322	784 090	642 463	141 622	5
22	Miscellaneous metals	0	29 732	264 144	109 574	154 567	3
23	Metallic products	626	252 572	488 193	449 710	38 012	471
24	Machinery	21	761 861	935 578	482 668	452 752	158
25	Household electrical electronic Products	1 462	227 440	286 661	236 387	44 051	6 223
26	Information products	222	930 340	1 031 681	899 278	131 768	635
27	Communication products	186	193 019	207 921	142 892	64 906	123
28	Electronic components & parts	46	831 242	1 863 159	1 098 020	765 115	24
29	Electrical machinery & other appliances	32	175 221	428 979	303 257	125 651	71
30	Transport equipment	1 837	456 642	689 590	543 745	139 945	5 900
31	Other manufactures	8 814	377 667	454 484	223 399	213 606	17 479
32	Residential building construction	5 106	399 226	485 241	477 909	0	7 332
33	Public & other construction	0	484 468	558 355	558 355	0	0
34	Electricity	374	69 371	336 534	335 484	0	1 050
35	Gas	80	14 748	26 276	25 785	0	491
36	City water	78	12 417	30 331	29 982	0	349
37	Transportation, storage and communication	263 159	695 794	1 203 995	1 075 411	0	128 584
38	Commodities trading	17 048	1 231 158	1 912 634	1 912 634	0	0
39	Finance & insurance services	16 696	426 416	1 121 378	1 105 525	0	15 853
40	Real estate services	1 684	978 416	1 167 173	1 159 895	0	7 278
41	Food, beverage & hotel services	65 434	331 964	378 906	283 948	0	94 958
42	Business services	84 139	100 778	713 309	543 977	0	169 332
43	Public services	0	973 200	973 200	973 200	0	0
44	Education & medical services	2 153	742 084	788 136	776 418	0	11 718
45	Other social, personal and related community services	32 430	548 792	997 234	859 164	1 153	136 917
01-45	Intermediate inputs	547 995	13 444 875	23 440 465	19 272 598	3 451 614	716 253
46	Compensation of employees	0	0	5 317 373	0	0	0
47	Operating surplus	0	0	2 495 043	0	0	0
47(1)	Interest	0	0	53 800	0	0	0
47(2)	Rent	0	0	819 939	0	0	0
47(3)	Transfer payments	0	0	153 357	0	0	0
47(4)	Funds	0	0	11	0	0	0
47(5)	Profits	0	0	1 467 936	0	0	0
48	Depreciation	0	0	943 947	0	0	0
49	Indirect taxes	9 717	212 513	716 958	0	0	0
49(1)	Net commodity taxes	0	0	115 660	0	0	0
49(2)	Net import duties	491	69 036	139 348	0	0	0
49(3)	Value-added taxes	9 226	143 477	173 642	0	0	0
49(4)	Other taxes	0	0	288 308	0	0	0
46-49	Primary inputs	9 717	212 513	9 473 321	0	0	0
50	Adjustment item	0	0	16 200	0	0	0
01-50	Total inputs	557 712	13 657 388	32 929 986	19 272 598	3 451 614	716 253

AGRICULTURE, FORESTRY AND FISHING

This chapter is concerned with information on agriculture, forestry, fisheries, and livestock husbandry. All data are obtained from the *Agricultural Production Statistics Abstract, Taiwan District, R.O.C.* and 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. The Taiwan Provincial Food Bureau is responsible for reporting rice production, the Taiwan Sugar Corporation, for sugar canes; and the Taiwan Tobacco and Wine Monopoly Bureau, for tobacco by way of a special survey. All other agricultural and livestock products are reported by Department of Agriculture and Forestry, Taiwan Provincial Government, the Taipei Municipal Department of Reconstruction and the Kaohsiung Municipal Department of Reconstruction, based on the data obtained from the agricultural information reporting system. Forestry products are reported by the Taiwan Forestry Bureau, and fisheries products, by the Taiwan Provincial Fisheries Bureau. 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.

Manpower Statistics -- Beginning in April 1962, and then DGBAS was assigned to take over the survey in 1983. This survey adopts a stratified two-stage sampling method. The ratio of samples drawn was 3.58%. The Tsun to Li, a basic administrative units is designed as the primary sampling unit; 515 Tsun and Li

sampling units was drawn at the first stage and 19,600 households samples were selected with interviewing method at the second stage.

For additional information, please refer to *Basic Agricultural Statistics, Republic of China* published by the Council of Agriculture, Taiwan *Food Statistics Book* published by Taiwan Provincial Food Bureau, *Forestry Statistics of Taiwan* published by Taiwan Provincial Forestry Bureau, and *Fisheries Yearbook, Taiwan Area* published by Taiwan Provincial Fisheries Bureau.

Table 106. Cultivated, forest and fish-culture land area

End of Year	Hectares								
	Cultivated land					Planted area	Perennial crops	Forest land area	Aquaculture area
	Total	Paddy field			Upland field				
		Sub-total	Double-cropping	Single-cropping		1 000 Hectares			
1972	898 603	520 580	330 501	190 079	378 023	1 586	302	2 224 472	47 167
1973	895 621	515 545	328 397	187 148	380 076	1 567	322	2 224 472	49 470
1974	917 484	517 467	341 440	176 027	400 017	1 644	352	2 224 472	49 921
1975	917 111	515 852	341 582	174 270	401 259	1 659	338	2 224 472	53 606
1976	919 680	520 763	362 236	158 527	398 917	1 606	339	2 224 472	53 991
1977	922 778	520 510	379 801	140 709	402 268	1 566	346	1 865 141	54 954
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	48 207
2000	851 495	442 005	317 495	124 510	409 489	904	331	2 101 719	48 980
2001	848 743	438 974	315 876	123 098	409 769	877	321	2 101 719	48 770

Notes : 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.

Table 107. Indexes of

Year	General index	Agricultural products								
		Group index	Common crops			Special crops	Fruits	Vegetables	Mushrooms	Flowers
			Sub-group index	Rice	Coarse Grain					
1972	55.9	96.5	161.7	160.1	185.7	90.6	43.0	67.2	1 143.1	...
1973	59.8	97.8	155.1	147.8	202.8	94.5	50.3	76.9	859.4	...
1974	59.6	103.3	162.4	160.8	186.6	103.8	55.6	78.4	821.1	...
1975	58.8	100.2	161.8	163.5	171.4	95.1	47.8	84.6	652.3	...
1976	66.2	106.6	168.3	178.1	140.5	103.9	53.2	91.5	694.9	...
1977	69.8	108.7	163.7	173.8	133.7	115.6	52.2	98.6	1 180.7	...
1978	70.1	103.7	152.7	160.3	133.2	97.7	51.5	105.2	1 596.7	...
1979	75.6	107.6	150.3	160.8	116.8	104.6	64.5	113.1	1 382.3	...
1980	76.4	105.3	144.2	154.6	110.4	98.6	66.7	119.3	1 017.9	...
1981	75.4	102.7	141.1	156.0	90.6	96.5	71.4	106.7	894.8	14.1
1982	76.7	103.6	146.6	163.2	90.2	98.1	65.3	107.6	798.1	15.3
1983	79.8	100.5	146.1	163.4	86.9	85.5	65.8	101.9	758.9	16.1
1984	82.3	101.2	134.0	147.5	88.1	90.7	73.2	113.7	796.1	21.2
1985	84.8	101.9	131.8	142.9	94.8	95.0	79.0	110.8	800.0	25.5
1986	84.5	96.6	123.3	129.7	101.5	89.1	76.5	103.7	738.0	28.7
1987	91.3	100.7	122.3	124.9	112.0	91.7	87.1	107.8	607.8	36.4
1988	92.7	102.0	118.4	121.3	107.1	101.2	94.1	103.1	437.6	43.8
1989	92.5	101.6	117.3	122.6	98.7	101.5	98.6	96.6	365.7	44.9
1990	94.5	97.0	116.0	118.8	105.2	93.8	93.1	88.6	264.4	54.1
1991	95.9	99.5	116.6	119.7	105.2	92.9	98.0	93.7	214.9	57.8
1992	93.6	95.4	106.8	107.1	105.4	93.4	90.2	93.8	155.3	69.5
1993	99.3	101.9	114.1	115.7	108.3	96.9	102.2	94.4	109.8	82.8
1994	96.3	98.3	106.6	106.8	105.4	101.5	99.2	84.6	95.4	94.8
1995	99.8	100.3	106.0	107.3	100.9	101.6	99.2	92.2	79.5	104.4
1996	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1997	98.7	101.6	102.3	105.8	88.1	98.5	105.3	98.0	116.0	105.6
1998	93.3	93.2	90.7	96.2	68.3	97.8	91.5	92.7	90.2	100.8
1999	94.3	99.5	91.7	99.2	61.5	92.5	104.0	109.7	75.6	105.0
2000	96.4	94.9	89.9	98.7	54.4	91.8	94.3	102.5	81.9	106.3
2001	95.2	90.6	81.3	89.2	49.3	83.4	98.5	96.8	100.7	100.4

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 fishery	Offshore fishery	Coastal fishery	Cultural fishery
1 224.0	2 676.1	237.0	23.1	27.8	16.5	52.7	42.5	126.2	71.5	30.8
1 178.6	2 576.9	228.2	26.9	33.9	17.5	59.3	43.8	141.7	72.3	41.7
1 032.4	2 248.7	203.6	25.0	30.1	17.9	56.6	39.5	131.3	73.6	44.3
938.0	2 084.2	167.0	23.6	25.7	19.9	62.0	37.9	164.1	86.3	49.7
982.8	2 015.7	264.0	30.0	33.9	23.7	66.9	40.3	171.2	90.0	56.0
767.2	1 653.5	151.0	33.7	37.3	27.5	72.2	45.0	183.5	94.2	58.8
781.7	1 618.1	199.7	35.4	37.7	30.5	76.3	44.7	186.1	91.6	69.1
737.1	1 465.9	229.4	40.0	45.2	31.8	84.1	50.2	189.0	94.6	80.3
663.3	1 345.2	188.6	42.4	47.7	33.9	85.3	52.4	193.5	94.1	79.0
689.1	1 255.0	298.6	43.1	47.5	35.6	82.0	44.9	182.0	104.1	86.8
630.7	1 156.0	266.7	44.8	49.0	37.2	83.7	47.0	170.4	114.0	93.4
745.6	1 474.3	218.9	51.3	52.3	46.3	86.1	47.6	160.2	125.1	104.5
644.4	1 258.6	203.1	54.3	57.7	46.8	91.3	54.4	162.6	136.5	106.6
580.1	1 129.7	185.8	58.0	65.5	46.3	95.2	59.8	160.3	147.0	109.7
642.8	1 215.7	245.2	60.0	68.5	47.0	100.9	67.3	146.8	157.0	120.7
596.1	995.0	313.2	65.4	74.0	52.0	114.6	79.0	153.3	150.4	141.4
386.4	549.0	265.3	66.0	71.9	55.2	119.3	96.4	152.1	138.8	133.0
272.9	325.0	228.2	69.2	72.3	61.1	113.3	100.3	155.9	137.9	107.2
233.5	203.9	243.4	74.4	79.6	63.8	120.4	105.9	125.3	133.0	133.5
218.7	133.0	284.0	81.0	88.8	66.7	111.4	97.6	118.7	109.9	125.4
132.0	163.1	105.9	83.0	88.7	72.4	107.5	100.1	118.8	112.5	109.5
137.8	117.3	152.5	86.6	89.4	81.4	114.2	121.6	107.3	103.5	109.2
104.0	86.5	116.8	91.5	94.8	85.5	100.7	98.6	99.8	95.6	104.3
121.4	121.8	119.8	96.1	97.1	94.2	104.9	103.9	106.8	111.2	103.9
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
112.5	103.9	120.7	92.6	81.1	110.0	102.0	112.3	95.8	100.0	91.5
142.5	105.7	177.7	85.7	70.3	109.3	102.1	120.3	81.6	110.4	87.0
119.7	60.1	176.9	82.6	64.8	109.8	99.9	120.1	78.0	101.4	83.8
118.1	20.0	212.1	87.3	72.5	109.9	109.3	123.7	80.7	120.7	103.0
97.8	26.6	165.0	87.6	75.8	106.3	111.4	124.6	80.8	131.3	110.8

Table 108. Quantity of major

Item	1992	1993	1994	1995
Crops				
Paddy rice	2 069 880	2 232 933	2 061 403	2 071 968
Brown rice	1 627 854	1 819 774	1 678 776	1 686 535
Maize (feed)	287 738	286 394	293 449	264 343
Maize (food)	102 131	119 605	103 669	111 228
Sorghum	107 671	111 663	105 308	97 577
Soybean	8 562	12 715	12 005	8 894
Adzuki bean	9 281	8 719	9 527	9 705
Peanut	75 579	76 462	80 583	92 225
Sweet potatoes	204 289	187 680	181 478	195 938
Tea	20 164	20 515	24 485	20 892
Tobacco	16 393	17 427	18 526	12 685
Sugar-cane	5 667 545	4 577 274	5 275 358	4 661 480
Betel nut	115 348	137 467	132 208	156 108
Vegetables	2 874 059	2 876 899	2 630 235	2 887 017
Radishes	152 302	124 643	129 607	148 414
Scallion	88 242	81 303	81 234	92 814
Garlic bulbs	44 587	54 357	43 881	41 253
Water-bamboo	49 480	57 734	41 473	59 478
Bamboo shoot	352 065	395 466	338 727	373 184
Cabbage	158 996	157 571	171 303	191 629
Water melons	337 100	350 579	296 491	307 743
Cantaloupe	111 905	121 138	100 347	107 394
Mildew	15 114	11 855	9 941	8 632
Mushroom	11 619	8 217	7 136	5 945
Forest mushroom	3 495	3 638	2 805	2 687
Fruits	2 275 989	2 550 704	2 434 246	2 473 748
Bananas	195 970	212 748	184 287	172 633
Pineapples	226 279	277 263	252 234	256 421
Ponkans	172 281	162 741	167 849	139 868
Liuchengs	166 557	140 281	110 268	112 798
Wentan pomelos	44 054	53 151	46 536	73 734
Longans	99 423	111 518	109 460	151 388
Mangos	123 834	216 745	191 497	207 552

agricultural production

Metric tons

1996	1997	1998	1999	2000	2001
1 930 897	2 041 843	1 859 157	1 916 305	1 906 057	1 723 895
1 577 289	1 662 733	1 489 392	1 558 594	1 540 122	1 396 274
272 522	219 375	120 152	88 994	72 672	59 223
122 890	118 242	123 460	112 201	105 643	106 772
66 755	57 175	43 771	33 579	26 456	21 652
9 693	4 722	1 463	352	295	328
11 300	10 413	9 266	8 241	6 946	4 235
79 918	84 185	68 325	67 157	79 127	56 087
203 870	207 773	187 238	218 584	197 837	188 716
23 131	23 505	22 641	21 119	20 349	19 837
11 230	10 283	9 972	9 295	11 510	9 215
4 190 192	3 902 328	3 559 755	3 255 783	2 893 762	2 180 288
160 118	156 207	172 574	170 039	166 975	165 076
3 098 097	3 056 290	2 911 672	3 513 788	3 262 194	3 045 605
169 741	151 278	129 707	175 114	138 118	121 031
86 851	105 825	102 750	118 260	118 706	119 805
79 031	53 154	32 259	52 275	62 428	54 103
40 070	39 685	42 648	38 431	34 755	48 304
320 970	349 950	341 329	358 700	336 826	322 959
241 792	251 913	250 683	378 849	346 868	349 719
338 401	300 004	310 643	382 288	354 856	330 082
121 508	121 466	93 502	103 536	90 074	87 068
10 992	12 159	9 652	7 971	8 196	9 799
7 278	7 222	6 035	4 805	4 315	4 933
3 714	4 937	3 617	3 166	3 881	4 866
2 442 674	2 624 966	2 368 527	2 659 132	2 447 115	2 567 851
140 997	204 736	215 639	212 531	198 455	204 724
274 113	300 686	316 057	348 450	357 535	388 691
137 692	141 314	137 091	121 946	114 707	111 919
101 986	109 963	111 447	121 398	126 631	135 639
67 869	69 901	75 871	89 617	59 576	67 551
53 215	130 495	53 385	128 996	82 652	110 202
202 206	209 787	186 522	206 919	210 692	212 875

Table 108. Quantity of major

Item	1992	1993	1994	1995
Guava	106 874	108 679	108 300	110 676
Plum	76 978	72 402	76 176	59 339
Papaya	122 360	152 174	116 426	137 832
Wax apple	83 524	106 382	107 597	111 146
Grape	129 433	165 241	159 492	154 060
Japanese apricot	67 807	47 722	71 517	38 022
Lichee	98 096	98 443	118 711	101 317
Pear	97 574	106 704	116 014	114 744
Sugar apple	58 311	75 822	57 881	79 148
Forestry				
Timber (M ³)	103 371	60 741	44 300	52 820
Saw-timber	71 910	46 924	37 821	35 603
Firewood	18 515	6 015	3 136	12 043
Tree top wood	12 946	7 802	3 343	5 173
Bamboo (1 000 pieces)	3 233	2 140	1 850	2 157
Mill wood	-	-	-	-
Fishery	1 326 979	1 423 972	1 255 275	1 296 867
Deep-sea fishery	737 638	834 964	683 780	709 542
Inshore fishery	280 513	258 602	242 274	255 982
Coastal fishery	45 399	43 443	39 799	43 497
Mariculture	33 958	35 105	33 185	33 230
Inland water fishing	1 781	1 688	1 455	1 212
Inland water culture	227 690	250 170	254 780	253 404
Livestock				
Cattle (Carcass weight)	5 324	4 754	5 189	6 113
Hogs (Carcass weight)	1 126 406	1 135 361	1 203 596	1 233 022
Goats (Carcass weight)	548	1 521	2 394	3 585
Honey	5 175	5 895	4 172	4 400
Chicken (Carcass weight)	434 068	476 791	496 745	502 313
Duck (Carcass weight)	71 733	80 249	71 944	74 921
Geese (Carcass weight)	22 593	25 428	33 870	30 782
Milk	246 281	278 476	289 574	317 806
Chicken's eggs (1 000 pieces)	4 754 761	4 916 374	5 200 777	5 718 589
Duck's eggs (1 000 pieces)	391 648	455 354	472 555	517 945

agricultural production (continued)

Metric tons

1996	1997	1998	1999	2000	2001
145 906	183 563	173 637	173 907	158 269	185 491
71 826	62 203	36 503	39 857	41 952	34 852
136 558	144 163	116 728	158 943	138 601	142 207
106 899	105 005	106 733	104 010	67 893	94 034
137 457	81 030	73 427	106 598	91 516	85 017
90 505	94 090	50 549	55 376	63 317	55 956
97 490	93 666	49 241	108 668	89 403	79 156
127 703	120 837	114 920	117 510	113 568	100 565
67 776	64 354	50 255	56 448	36 520	42 680
45 924	44 071	40 085	31 713	26 790	34 080
36 118	32 778	29 154	23 332	21 134	26 401
6 145	4 667	5 043	4 299	4 760	5 953
3 661	6 626	5 888	4 082	896	1 727
2 163	1 233	1 426	1 717	1 550	594
-	-	-	-	-	-
1 239 634	1 307 066	1 348 152	1 363 867	1 357 351	1 316 904
668 979	748 256	839 190	854 667	886 859	795 622
256 655	247 575	209 721	205 640	169 520	158 969
41 032	40 576	43 609	39 911	44 016	48 923
34 889	31 354	26 033	24 035	28 282	26 763
444	412	467	580	557	609
237 635	238 835	229 132	239 034	228 117	286 018
5 968	5 898	5 288	5 168	4 901	5 057
1 269 354	1 029 848	891 776	822 344	920 603	961 948
4 461	4 349	3 903	3 923	3 614	3 176
4 791	4 138	3 691	6 283	5 839	2 759
564 715	634 694	631 640	625 784	631 141	606 018
73 392	72 294	62 533	66 643	64 504	60 728
28 135	29 824	31 621	29 669	25 850	25 161
315 927	330 469	338 369	338 005	358 049	345 970
6 139 072	7 104 433	7 157 707	7 274 451	7 270 033	7 325 125
538 845	531 669	520 188	485 629	478 452	481 789

Table 109. Value of major

Item	1992	1993	1994	1995
Total	333 673 411	368 617 843	375 082 405	411 139 296
Crops	142 312 811	157 523 597	160 263 443	168 517 511
Brown rice	35 194 840	40 522 365	39 329 924	39 827 374
Maize (feed)	4 316 070	4 295 910	4 401 735	3 965 145
Maize (food)	1 480 899	1 674 470	1 472 100	1 668 420
Sorghum	1 507 394	1 563 282	1 474 312	1 366 078
Soybeans	214 050	317 875	300 125	222 350
Adzuki bean	334 116	366 198	428 715	446 430
Peanuts	2 985 370	3 173 173	3 465 069	4 057 900
Sweet potatoes	1 593 454	1 501 440	1 506 267	1 763 442
Tea	1 734 104	3 077 250	4 407 300	3 760 560
Tobacco	2 614 739	2 898 492	3 220 460	2 328 632
Sugar-cane	6 625 360	5 488 152	6 330 430	5 722 410
Betel nuts	8 077 860	10 310 025	11 237 680	13 269 180
Vegetables	30 933 909	31 219 509	29 408 654	34 285 489
Radishes	1 294 567	1 071 930	1 140 542	1 261 519
Scallion	926 541	975 636	1 015 425	1 206 582
Garlic bulbs	1 248 436	1 195 854	1 316 430	2 475 180
Water-bamboo	1 187 521	1 356 749	1 036 825	1 546 428
Bamboo shoot	2 816 520	3 242 821	2 709 816	3 358 656
Cabbage	1 112 972	1 181 783	1 301 903	1 437 218
Watermelons	4 045 200	3 856 369	3 557 892	3 846 788
Cantaloupe	2 685 720	2 543 898	2 157 461	2 362 668
Mildew	2 841 732	2 502 070	2 030 688	1 942 735
Mushroom	325 332	246 510	235 488	196 185
Forest mushroom	2 516 400	2 255 560	1 795 200	1 746 550
Fruits	35 628 545	41 401 250	41 977 616	43 143 472
Bananas	1 861 715	1 808 358	1 769 155	1 726 330
Pineapples	2 602 209	3 327 156	3 152 925	3 333 473
Citrus-ponkans	2 067 372	1 790 151	2 182 037	1 678 416
Liuchengs	1 332 456	1 192 389	1 047 546	1 127 980
Wentan pomelos	925 134	956 718	888 184	1 400 946
Longans	1 640 480	1 728 529	1 806 090	2 497 902
Mangos	2 229 012	4 118 155	3 734 192	4 151 040

agricultural production

Thousands of N.T. Dollars

1996	1997	1998	1999	2000	2001
420 036 457	379 036 637	375 286 941	391 481 223	363 791 073	352 780 024
172 781 410	173 744 104	163 618 674	170 523 785	165 214 487	160 758 570
38 380 243	37 659 539	35 033 759	36 779 170	34 669 549	32 828 360
4 087 830	3 290 625	1 802 280	1 334 910	1 090 080	888 344
1 843 350	1 773 630	1 913 630	1 761 556	1 679 724	1 697 678
934 570	800 450	612 794	470 106	370 384	303 123
242 325	118 050	36 575	8 800	7 375	8 200
525 450	484 205	440 135	393 920	334 103	245 606
3 516 392	3 704 140	3 006 300	2 988 487	3 600 279	2 366 889
1 732 895	1 766 071	1 685 142	1 967 256	1 899 235	1 792 806
4 163 580	4 230 900	4 086 701	3 811 980	3 675 029	3 570 596
2 163 768	1 975 393	1 906 569	1 778 276	2 215 482	1 770 788
5 675 615	5 058 936	4 533 960	4 007 869	4 147 792	2 579 280
13 610 030	13 277 595	14 151 068	13 943 198	13 775 438	13 206 057
36 573 934	36 293 066	35 594 947	39 953 261	38 568 050	36 762 852
1 442 799	1 331 246	1 245 187	1 541 003	1 298 309	1 186 108
1 129 063	1 354 560	1 335 750	1 513 728	1 519 437	1 557 459
2 766 085	2 019 852	1 741 986	2 195 550	2 309 836	1 839 499
1 061 855	1 063 558	1 151 496	1 037 637	955 763	1 294 546
3 209 700	3 499 500	3 583 955	3 658 740	3 570 356	3 520 248
1 813 440	1 889 348	1 930 259	2 500 403	2 428 076	2 378 087
4 230 013	3 780 050	4 007 295	4 702 142	4 506 671	4 291 062
2 733 930	2 732 985	2 150 546	2 339 914	2 125 746	2 080 926
2 635 704	3 398 006	2 535 138	2 139 718	2 513 257	3 128 311
240 174	238 326	202 173	160 968	145 847	160 334
2 395 530	3 159 680	2 332 965	1 978 750	2 367 410	2 967 977
57 901 293	59 494 805	57 276 221	60 390 172	57 787 587	58 109 261
1 691 964	2 456 832	2 587 668	2 550 372	2 480 688	2 456 687
3 974 639	4 059 261	4 266 770	4 599 540	4 755 216	5 052 978
2 478 456	2 543 652	2 536 184	2 256 001	2 179 433	2 182 427
1 223 832	1 319 556	1 359 653	1 493 195	1 620 877	1 695 489
1 357 380	1 398 020	1 517 420	1 756 943	1 394 078	1 513 146
1 170 730	2 414 158	1 494 780	2 386 426	1 983 648	2 259 139
4 246 326	4 510 421	4 327 310	4 490 142	4 635 224	4 640 673

Table 109. Value of major

Item	1992	1993	1994	1995
Guavas	1 282 488	1 358 488	1 407 900	1 438 788
Plums	1 308 626	1 158 432	1 256 904	1 068 102
Papayas	1 468 320	1 902 175	1 513 538	1 929 648
Wax apples	1 670 480	2 340 404	2 420 933	2 556 358
Grapes	2 976 959	3 965 784	3 907 554	4 005 560
Japanese apricot	1 966 403	1 527 104	2 252 786	1 254 726
Lichees	1 569 536	1 476 645	1 780 665	1 621 072
Pears	2 439 350	2 987 712	3 248 392	3 442 320
Sugar apples	1 516 086	2 123 016	1 620 668	2 295 292
Forestry	1 375 106	1 125 300	1 058 866	944 952
Timber	706 385	512 457	374 052	604 317
Saw-timber	568 321	397 219	296 336	464 316
Firewood	22 218	7 218	3 764	14 453
Tree top wood	115 847	108 020	73 952	125 547
Bamboo	17 797	10 701	10 174	14 024
Fishery	83 715 433	93 175 224	89 201 376	100 563 572
Deep-sea fishery	34 622 194	42 700 613	36 046 903	43 084 075
Inshore fishery	16 393 844	17 285 501	16 083 585	16 930 519
Coastal fishery	3 326 754	3 270 614	3 430 129	3 976 014
Marine culture	3 086 938	3 463 073	3 083 369	3 183 257
Inland water fishing	80 605	102 554	74 321	58 738
Inland water culture	26 205 101	26 352 871	30 483 070	33 330 974
Livestock	106 270 061	116 791 961	124 558 720	141 113 261
Cattle	1 242 066	1 129 113	1 063 790	1 222 596
Hogs	63 392 993	68 475 473	75 279 426	88 986 590
Goats, sheep	243 302	544 271	730 811	1 137 455
Honey	781 675	890 330	623 152	556 356
Chicken	20 130 561	24 413 127	23 081 996	24 580 226
Duck	3 178 655	3 502 630	4 139 680	3 562 400
Geese	2 266 949	1 912 703	2 428 485	2 057 085
Milk	4 238 483	5 430 282	5 588 780	6 133 656
Chicken's eggs	7 512 522	7 251 652	8 160 019	8 829 503
Duck's eggs	763 714	823 735	1 120 981	1 178 325

agricultural production (continued)

Thousands of N.T. Dollars

1996	1997	1998	1999	2000	2001
1 969 731	2 478 101	2 430 918	2 260 791	2 184 112	2 318 641
1 292 868	1 150 756	755 612	817 069	910 358	784 162
1 911 812	2 047 115	1 727 574	2 225 202	2 051 295	2 062 004
2 512 127	2 467 618	2 529 572	2 485 839	1 683 746	2 238 010
3 642 611	2 187 810	1 997 214	2 856 826	2 534 993	2 380 484
3 031 918	3 152 015	2 148 333	2 298 104	2 520 017	2 042 405
1 462 350	1 451 823	1 477 230	1 716 954	1 466 209	1 424 801
3 831 090	3 685 529	3 769 376	3 854 328	3 656 890	3 318 648
2 033 280	1 962 797	1 588 058	1 761 178	1 322 024	1 536 496
757 420	779 716	717 985	591 034	268 820	597 494
447 589	487 891	442 035	303 625	82 863	107 238
369 872	374 695	326 769	216 025	74 647	96 031
7 374	6 720	7 262	6 190	6 854	8 573
70 343	106 474	108 004	81 410	1 362	2 635
15 142	8 753	10 127	12 017	11 626	4 455
97 431 010	97 200 353	94 132 070	90 436 892	90 728 516	90 218 461
43 827 522	49 041 321	49 204 534	48 914 010	47 179 642	46 659 957
16 585 512	16 672 657	13 139 501	13 429 176	13 065 601	12 287 617
4 256 372	4 524 162	4 382 122	4 284 732	4 544 135	4 304 773
3 135 682	2 878 316	4 201 394	3 388 202	3 550 237	3 343 174
34 161	18 170	24 009	28 558	26 200	30 202
29 591 761	24 065 727	23 180 510	20 392 213	22 362 701	23 592 738
149 066 617	107 312 464	116 818 212	129 929 512	107 579 249	101 205 499
1 074 643	1 120 734	1 004 693	936 700	847 775	714 835
88 607 520	44 701 680	48 858 488	61 401 648	52 033 624	46 255 141
1 031 580	1 089 600	1 204 330	1 334 484	1 050 317	799 200
608 838	488 016	469 456	785 363	700 680	331 038
30 752 408	32 653 301	35 213 427	35 333 705	26 655 579	27 271 501
3 662 824	4 081 428	3 473 023	3 888 785	2 814 437	2 928 077
2 750 865	2 366 446	2 740 498	1 921 234	1 755 355	1 668 041
6 097 391	6 741 568	7 214 018	7 223 505	7 621 431	7 389 567
10 344 336	10 037 143	12 926 815	12 708 466	10 396 147	10 233 200
1 313 704	1 462 090	1 342 085	1 354 905	1 143 500	1 190 019

Table 110. Production and consumption

Item	1992	1993	1994	1995
Production, total	1 544 863	1 490 693	1 519 969	1 453 958
Calcium superphosphate	265 900	235 900	230 020	238 195
Ammonium sulphate	363 457	321 260	368 435	341 718
Urea	220 910	235 509	215 097	255 804
Potassium chloride	-	-	-	-
Calcium ammonium nitrate	13 147	19 376	13 183	17 386
Combined fertilizers	577 921	575 381	591 688	589 525
Others	103 528	103 267	101 546	11 330
Consumption, total	1 365 929	1 386 792	1 376 652	1 382 139
Calcium superphosphate	185 205	176 473	163 655	172 936
Ammonium sulphate	336 214	361 734	343 602	342 137
Urea	189 649	178 109	183 914	205 923
Potassium chloride	60 709	57 420	53 751	56 858
Calcium ammonium nitrate	16 351	16 525	15 585	16 469
Combined fertilizers	562 900	584 112	601 407	575 883
Others	14 901	12 419	14 738	11 933

Table 111. Farm

Item	1992	1993	1994	1995
Power tiller	82 996	79 544	76 084	72 410
Tractor	11 718	13 105	12 565	13 352
Power rice trans-planter	39 425	35 049	31 715	31 290
Power cultivated for paddy	23 956	26 919	28 003	29 673
Power grass cutter	36 324	36 795	36 071	41 502
Power sprayers	61 936	62 705	62 608	67 809
High quality power sprayers	26 205	24 169	24 491	25 855
Water pump	125 401	119 537	113 708	110 502
Rice combiner	14 321	14 266	13 304	13 443
Corn thresher	2 896	2 896	2 452	2 685
Power tiller mounted seeder	3 271	2 762	2 969	2 443
Tractor mounted seeder	662	743	710	1 108
Power agronomic transporter	45 861	44 780	41 596	45 974
Power tea harvester	5 073	6 420	6 841	6 218
Tobacco drier	4 802	6 086	5 653	5 818
Rice drier	38 795	41 423	40 236	40 838
Corn drier	13 556	1 366	1 286	1 657

of chemical fertilizers

Metric tons

1996	1997	1998	1999	2000	2001
1 598 775	1 580 384	1 678 511	1 494 416	1 420 342	1 435 208
227 110	210 442	247 834	192 018	261 400	258 121
355 057	360 464	473 915	448 819	510 617	501 556
255 169	258 770	194 530	109 690	-	-
-	-	-	-	-	-
17 028	13 660	12 052	16 265	14 848	14 261
639 234	630 452	651 350	640 107	545 271	575 904
105 177	106 596	98 830	87 517	88 206	85 366
1 391 665	1 203 163	1 195 734	1 160 066	1 129 834	1 441 546
149 429	122 766	131 999	122 598	137 792	164 316
324 612	272 703	257 658	246 312	206 792	488 513
205 577	182 367	173 169	161 544	178 367	128 509
59 411	63 518	66 340	62 507	61 621	58 300
16 425	16 425	15 037	15 577	17 197	17 300
625 980	534 509	540 741	543 246	518 813	570 688
10 231	12 263	15 313	8 282	9 252	13 920

machine

Number

1996	1997	1998	1999	2000	2001
71 427	67 540	58 314	58 675	55 901	53 988
13 438	14 066	13 311	14 290	14 592	14 288
30 762	28 089	26 163	27 238	27 269	25 019
29 476	33 031	31 101	29 513	33 317	39 040
42 177	44 574	43 443	48 804	48 295	46 945
67 394	71 067	69 681	79 565	78 482	79 788
22 841	25 312	24 694	24 878	26 745	26 874
108 404	113 925	104 359	108 265	103 920	102 317
13 117	12 678	14 076	11 728	11 138	10 121
2 531	2 005	1 967	1 761	1 721	1 292
2 026	3 944	2 172	1 997	2 161	2 300
1 167	1 107	506	843	716	775
45 302	44 449	43 041	49 498	47 473	42 531
5 733	5 321	5 251	5 486	5 255	6 314
4 478	5 578	5 665	5 667	5 154	3 008
40 727	41 216	38 332	38 064	36 563	33 673
2 385	1 588	1 456	1 395	1 264	937

Table 112. Agricultural household,

Item	1992	1993	1994	1995
Number of farm households				
By degree of engagement	797 745	822 395	807 791	792 120
Full-time	107 396	129 609	141 144	103 011
Part-time	690 349	692 786	666 647	689 109
Full-owner farmers	668 419	680 942	664 759	669 427
Part-owner farmers	82 961	88 853	99 711	74 683
Tenants	38 156	42 493	33 959	42 278
Non-tilling farmers	8 209	10 107	9 362	5 732
Farm household population	4 081 088	3 993 051	4 006 641	3 930 028
Number of fishery households	125 906	112 980	122 475	123 405
Deep-sea	8 630	7 697	7 420	9 572
Inshore	39 388	32 923	35 984	34 784
Coastal	38 133	33 259	39 256	39 593
Mariculture	8 543	7 860	8 614	6 589
Inland water fishing	1 505	1 705	1 646	1 909
Inland water culture	29 707	29 536	29 555	30 958
Fishery household population	522 419	489 275	497 442	509 842
Deep-sea	37 281	36 315	30 779	37 839
Inshore	153 482	141 419	147 506	141 943
Coastal	148 054	144 670	155 456	158 085
Mariculture	39 641	33 072	35 100	30 434
Inland water fishing	3 480	4 323	3 567	7 025
Inland water culture	140 481	129 476	125 034	134 516
Agricultural employed population (1 000 persons)	1 064	1 005	976	954
Farming and hunting	971	911	884	877
Forestry	8	6	6	6
Fishery	85	87	86	71

Note : Data of 1988, coastal fishery included inland water fishing, and inland water aquaculture included marine culture.

population and employment

Thousands of N.T. Dollars

1996	1997	1998	1999	2000	2001
779 427	780 246	782 136	787 407	721 076	...
109 426	112 915	121 088	122 788	129 439	...
670 001	667 331	661 048	664 619	591 637	...
664 063	667 701	668 398	674 893	601 873	...
70 328	69 255	71 177	70 147	72 858	...
39 459	37 995	37 111	37 526	42 172	...
5 577	5 295	5 450	4 841	4 173	...
3 716 326	3 720 757	3 727 761	3 747 157	3 668 702	...
121 867	127 906	129 969	135 508	134 561	128 372
5 651	5 659	5 742	6 043	7 689	7 291
34 729	34 628	35 053	34 356	31 095	27 971
38 719	43 396	44 244	49 920	52 456	53 831
7 171	6 200	6 451	7 513	5 778	5 439
1 921	1 932	2 017	2 291	1 469	614
33 676	36 091	36 462	35 385	36 074	33 226
504 317	498 736	509 386	463 151	451 852	448 420
22 301	20 578	20 938	21 411	23 802	21 967
141 589	136 562	135 261	114 419	103 176	96 125
161 747	163 330	169 013	170 425	174 946	184 262
31 736	28 125	28 306	28 049	23 852	22 875
7 670	5 639	7 356	10 256	4 168	2 487
139 274	144 502	148 512	118 591	121 908	120 704
918	878	822	776	740	708
846	798	745	705	669	650
6	6	5	5	6	5
65	74	72	66	65	52

Table 113. Available

Item	1989	1990	1991	1992	1993
Domestic production					
Cereals	2 273.9	2 251.6	2 254.7	2 079.5	2 283.6
Starchy roots	266.9	246.6	270.8	260.8	226.8
Sugars & honey	678.1	519.7	445.0	515.6	431.7
Pulses & oilseeds	94.3	90.3	104.9	95.7	100.0
Vegetables	2 524.2	2 361.1	2 364.9	2 335.4	2 324.5
Fruits	3 015.9	2 846.7	3 122.8	2 855.2	3 166.9
Meat	1 429.4	1 537.7	1 665.4	1 715.5	1 778.5
Eggs	238.2	250.4	278.5	288.6	301.6
Fish & sea food	1 395.1	1 478.3	1 339.1	1 353.2	1 450.4
Milk	182.4	238.2	236.0	257.5	292.3
Oils & fats	337.1	389.2	392.0	393.5	398.9
Wine & beer (1 000 H.L.)	6 702.5	6 872.3	7 014.8	6 947.5	7 124.6
Domestic supply					
Cereals	8 166.4	8 169.3	8 628.9	8 929.2	9 137.3
Starchy roots	1 692.7	1 872.1	2 020.5	2 032.5	1 729.5
Sugars & honey	550.0	549.3	537.6	538.0	528.3
Pulses & oilseeds	2 196.7	2 539.8	2 531.0	2 543.0	2 577.3
Vegetables	2 190.6	2 102.3	2 158.2	2 242.0	2 279.7
Fruits	3 060.2	2 991.6	3 203.4	3 037.4	3 419.6
Meat	1 358.3	1 414.9	1 476.6	1 546.2	1 627.6
Eggs	239.0	250.4	278.8	289.2	302.3
Fish & sea food	1 089.7	1 144.6	987.6	1 109.1	1 179.4
Milk	278.2	303.9	352.7	381.0	423.6
Oils & fats	504.5	553.7	600.1	596.9	647.1
Wine & beer (1 000 H.L.)	6 885.0	7 125.2	7 269.5	7 240.0	7 536.9
Per capita daily nutrient availability					
Energy (Kcal.)	2 876.1	2 908.5	2 928.7	2 946.9	3 005.4
Protein (Gm.)	90.3	92.9	91.7	94.1	97.5
Fat (Gm.)	105.7	109.6	114.4	115.2	120.6

food supplies

1 000 metric tons

1994	1995	1996	1997	1998	1999	2000
2 134.6	2 109.5	1 979.2	1 999.8	1 716.4	1 738.3	1 693.3
219.3	230.5	243.3	261.2	227.1	255.4	241.9
504.0	440.1	422.9	374.7	334.9	298.9	265.3
104.5	112.5	103.1	101.5	80.4	77.0	88.6
2 166.0	2 397.2	2 564.9	2 543.5	2 420.7	2 942.2	2 732.3
2 968.0	2 982.9	2 983.2	3 151.3	2 864.2	3 182.3	2 900.0
1 870.4	1 928.5	2 004.3	1 823.8	1 667.3	1 593.9	1 695.0
318.5	350.1	383.1	427.9	430.2	434.5	433.8
1 277.0	1 316.4	1 256.8	1 331.2	1 364.1	1 379.8	1 367.2
308.6	345.1	346.9	363.4	371.3	370.1	388.1
417.2	450.9	450.5	433.1	356.2	347.3	363.4
7 071.2	6 435.5	6 144.7	6 071.8	6 426.8	6 488.5	6 415.7
9 393.9	9 776.1	9 777.7	8 896.4	8 072.4	7 932.3	8 172.0
1 607.5	1 310.3	1 482.5	1 783.2	1 652.6	1 724.7	1 784.2
528.5	520.0	533.5	527.7	534.3	551.3	633.8
2 687.3	2 914.5	2 915.0	2 887.8	2 373.2	2 349.7	2 434.9
2 185.8	2 406.5	2 595.6	2 615.8	2 546.4	3 043.4	2 849.2
3 268.5	3 319.7	3 354.1	3 598.6	3 282.1	3 626.8	3 357.5
1 692.8	1 717.5	1 791.2	1 818.5	1 841.4	1 833.2	1 850.5
319.5	351.2	383.4	427.7	430.0	434.7	433.9
967.6	959.5	958.7	1 061.9	977.6	1 077.4	1 008.2
450.3	492.1	496.0	509.3	509.1	508.2	525.9
678.9	678.5	691.7	704.5	626.7	714.0	681.7
7 905.0	8 320.6	7 715.7	8 013.8	8 223.3	7 694.6	7 576.7
3 058.3	3 058.2	3 053.8	3 135.1	2 973.6	3 047.9	3 047.4
96.7	98.5	98.6	101.8	95.9	98.0	97.1
125.0	126.2	126.7	131.0	121.0	127.1	123.3

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 *Industrial Production Statistics Monthly, Taiwan Area of the Republic of China* published by the Statistical Department of the 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 *industrial, commercial and service census in 1996*. 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 8,200 enterprises, accounting for 5.3% of the population. (or 9.8% 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 *industrial, commercial and service census in 1996* 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, please refer to the *Preliminary Report on Industrial Production Statistics in Taiwan Area, R.O.C.*, the *Economic Statistics Annual in Taiwan Area, R.O.C.* published by the Department of Statistics, the Ministry of Economic Affairs and the *Development of Industry Yearbook* published by the Industrial Development Bureau. For additional information on energy, please refer to *Taiwan Energy Statistics*, the *Energy Indicators Quarterly in Taiwan Area, R.O.C.* published by the Energy Commission, the Ministry of Economic Affairs.

Table 114. Indexes of

1996 = 100

Items	1987	1988	1989	1990	1991	1992
General	69.84	72.82	75.56	75.39	80.97	84.54
Mining	165.98	162.43	144.51	126.81	115.33	110.55
Coal mining	1 016.38	830.78	531.81	320.04	272.94	227.00
Crude petroleum & natural gas	123.64	134.60	134.52	132.81	107.87	100.30
Non-metallic mining	86.13	94.99	99.12	91.97	100.07	104.16
Manufacturing	71.65	74.24	76.93	76.37	82.04	85.23
Food & beverages	81.93	83.42	80.51	85.17	88.75	92.62
Tobacco	104.91	106.34	111.67	108.57	114.42	111.42
Textile mill products	82.56	78.55	82.01	84.67	89.77	92.18
Wearing apparel & accessories	262.33	202.42	194.14	163.80	173.59	155.14
Leather fur products	233.95	222.28	216.52	196.19	190.94	151.72
Wood & bamboo products	447.30	388.11	326.72	232.12	239.60	203.64
Furniture & fixtures	161.28	159.09	166.08	136.27	143.45	140.69
Pulp paper & paper products	73.21	76.78	80.51	84.82	91.11	95.76
Printing processings	79.91	79.74	90.67	91.91	93.54	104.45
Chemical materials	46.83	44.80	50.37	54.57	61.70	70.26
Chemical products	54.22	59.33	62.34	66.58	71.34	77.37
Petroleum & coal products	60.93	66.06	71.69	63.84	64.67	65.97
Rubber products	90.96	95.53	100.42	106.39	110.85	114.19
Plastic products	121.35	127.50	124.72	114.64	116.92	112.22
Non-metallic mineral products	68.52	71.19	77.56	80.01	86.49	90.96
Basic metal	50.47	56.51	60.91	62.95	68.58	76.14
Fabricated metal products	68.11	74.09	77.64	78.67	88.64	92.92
Machinery & equipments	60.00	68.16	69.79	73.87	81.93	86.16
Electrical & electronic machinery	47.38	51.74	53.79	55.37	61.08	64.15
Transport equipments	74.10	75.54	86.80	84.74	94.28	102.66
Precision instruments	92.71	106.19	113.50	111.79	116.57	118.91
Other industrial products	144.35	151.40	141.07	134.00	135.51	132.38
Electricity, gas and water	52.55	57.12	60.85	65.10	71.26	75.78
Construction of building	51.70	61.29	65.20	65.61	67.92	79.56

industrial production

1993	1994	1995	1996	1997	1998	1999	2000	2001
87.80	93.60	98.01	100.00	107.43	110.26	118.76	127.52	118.19
109.49	109.94	106.29	100.00	99.71	77.99	77.28	72.12	77.79
222.46	193.29	159.30	100.00	66.58	53.77	62.15	56.53	-
94.89	99.45	101.76	100.00	97.00	99.48	96.76	84.50	96.25
108.28	108.53	103.74	100.00	105.59	64.15	63.96	64.32	72.41
87.37	92.37	97.17	100.00	108.69	111.25	120.29	129.87	119.50
94.76	100.06	101.98	100.00	91.85	86.48	85.14	85.44	84.82
106.25	107.84	103.11	100.00	101.39	93.38	85.05	78.80	83.50
91.24	98.46	96.65	100.00	103.56	105.15	108.08	106.82	95.09
132.14	118.52	108.10	100.00	95.07	94.72	87.82	77.94	60.36
131.05	125.31	107.98	100.00	91.20	85.36	83.89	80.98	62.32
165.27	132.78	106.67	100.00	93.91	80.07	70.43	58.95	55.10
126.01	119.83	105.04	100.00	98.16	92.84	98.57	96.77	65.81
93.24	96.13	99.20	100.00	104.70	103.59	109.81	111.33	104.95
108.53	106.39	103.21	100.00	103.59	115.37	111.95	118.55	119.11
74.94	89.18	94.55	100.00	106.25	109.06	118.98	127.24	134.58
82.45	91.43	94.79	100.00	107.35	107.02	112.20	116.27	105.72
77.65	75.38	92.02	100.00	103.77	107.94	117.03	121.65	133.42
103.30	101.35	103.48	100.00	99.59	96.42	94.79	92.92	82.76
106.17	107.47	97.14	100.00	103.62	97.50	103.35	101.87	92.14
97.83	103.97	105.30	100.00	104.28	102.53	98.61	98.59	89.12
84.24	89.74	93.40	100.00	120.45	124.56	133.03	139.18	127.18
88.62	93.74	99.55	100.00	105.09	102.32	105.26	102.67	85.34
88.50	92.59	96.56	100.00	108.83	102.82	104.97	114.35	96.38
71.17	79.74	92.83	100.00	119.19	131.09	157.06	185.43	167.73
102.10	104.00	105.57	100.00	103.86	105.64	98.16	101.63	85.46
108.76	110.50	110.16	100.00	97.10	91.36	100.86	119.98	107.68
116.29	105.14	104.34	100.00	97.65	85.29	81.46	84.00	79.42
82.75	89.24	94.78	100.00	106.12	114.23	118.48	130.32	132.60
101.99	126.36	121.06	100.00	83.73	84.17	89.73	76.21	66.82

Table 115. Indexes of

1996 = 100

Items	1987	1988	1989	1990	1991	1992
Indexes of manufacturing production	71.65	74.24	76.93	76.37	82.04	85.23
By four industries						
Metal & machinery industry	61.43	66.76	72.43	73.62	81.61	87.94
Information & electron industry	48.80	53.47	55.71	57.19	62.87	65.92
Chemistry industry	73.10	76.64	79.14	78.11	82.34	85.45
Food, textile & other industry	109.98	105.35	105.26	101.26	106.25	106.04
By heavy or light industries						
Light industries	53.49	58.15	62.21	103.68	108.51	106.75
Heavy industries	109.25	107.58	107.70	63.31	69.41	74.99
By public or private						
Public	107.44	117.65	120.27	112.58	110.77	116.92
Private	69.04	71.05	73.88	73.86	80.15	83.11
By usage						
Final demand goods	94.03	95.31	97.65	93.67	98.61	99.35
Investment goods	54.37	59.18	62.82	66.00	70.15	77.38
Capital goods	46.20	51.40	55.54	58.51	61.84	67.44
Construction materials	76.42	80.10	82.68	86.42	92.80	104.48
Consumer goods	121.18	120.19	121.51	112.62	118.11	114.39
Durable goods	123.54	126.10	129.57	113.10	122.71	120.01
Non-durable goods	120.33	118.15	118.69	112.45	116.49	112.43
Producer goods	56.14	59.56	62.22	64.11	70.49	75.38
For mining & M.F.G. goods	54.51	57.37	60.80	63.40	70.54	75.61
Other producer goods	71.85	81.37	81.04	73.62	69.87	72.27
By intensity						
Capital						
High intensity	62.05	65.65	69.32	70.69	76.27	81.85
Medium intensity	68.78	71.49	75.61	75.16	82.12	84.63
Low intensity	147.38	141.10	130.28	115.79	115.72	108.68
Human capital						
High intensity	52.23	56.68	60.76	61.80	66.99	73.36
Medium intensity	62.99	66.70	70.23	72.51	79.40	83.19
Low intensity	144.88	138.40	135.29	123.43	127.29	120.71
Energy						
High intensity	59.08	62.21	66.35	68.08	73.63	79.18
Medium intensity	97.34	95.69	94.80	90.36	97.64	99.93
Low intensity	64.66	68.84	71.11	71.95	76.22	77.79
Labor						
High intensity	79.76	82.12	82.30	80.64	85.71	88.47
Medium intensity	80.11	80.20	83.67	80.74	87.83	87.60
Low intensity	59.99	63.85	67.99	69.84	75.10	80.82
Indexes of producer's shipment	68.46	71.14	74.46	75.99	81.60	84.70
Indexes of producer's inventory	64.95	71.59	76.09	80.08	78.84	88.08

manufacturing

1993	1994	1995	1996	1997	1998	1999	2000	2001
87.37	92.37	97.17	100.00	108.69	111.25	120.29	129.87	119.50
90.10	94.43	98.18	100.00	110.90	110.92	113.29	117.44	102.11
72.38	80.73	93.39	100.00	118.47	129.81	155.25	183.32	165.79
87.46	93.29	96.12	100.00	104.58	105.31	112.18	116.34	116.71
102.58	103.92	102.14	100.00	98.06	94.54	93.15	91.96	84.12
102.17	103.62	100.85	100.00	99.35	96.26	96.63	95.66	86.72
80.38	87.11	95.45	100.00	113.05	118.25	131.35	145.87	134.82
127.83	128.75	111.02	100.00	101.93	103.18	107.73	105.48	100.84
84.58	89.92	96.24	100.00	109.14	111.79	121.14	131.52	120.76
96.80	97.98	99.63	100.00	105.42	107.66	112.27	121.36	114.79
82.18	86.17	94.02	100.00	114.82	125.41	138.02	158.49	156.24
72.15	77.04	88.97	100.00	119.99	135.07	154.43	183.47	184.33
109.52	111.05	107.80	100.00	100.72	99.09	93.28	90.42	79.68
106.81	106.07	103.48	100.00	98.98	95.49	94.62	95.92	86.40
111.43	112.54	108.18	100.00	102.71	99.61	96.58	98.24	79.56
105.19	103.80	101.83	100.00	97.67	94.05	93.94	95.11	88.79
80.66	88.42	95.44	100.00	110.99	113.77	125.94	135.87	122.82
80.61	88.84	95.55	100.00	111.85	115.00	127.62	138.21	123.54
81.35	82.87	94.02	100.00	99.58	97.53	103.65	104.91	113.19
86.86	93.39	97.02	100.00	107.30	108.53	112.91	116.94	111.72
84.99	89.49	96.08	100.00	111.08	115.02	129.22	143.27	127.69
104.60	103.44	104.09	100.00	102.15	103.68	107.07	119.46	112.50
79.11	85.33	92.71	100.00	113.66	122.16	135.24	150.91	150.63
86.34	92.77	99.34	100.00	108.34	108.45	117.27	125.64	106.04
110.94	109.25	102.12	100.00	96.95	91.62	90.97	88.58	80.07
85.20	91.83	95.91	100.00	109.19	112.31	118.92	123.38	121.45
96.96	100.52	100.47	100.00	104.77	102.20	104.92	105.37	90.33
80.92	85.67	95.36	100.00	111.70	118.28	135.02	157.14	143.49
88.99	93.42	100.02	100.00	106.41	105.59	114.09	122.02	103.35
86.93	90.10	94.53	100.00	111.97	120.87	136.65	157.55	151.03
86.12	92.76	95.97	100.00	108.89	110.84	116.16	120.20	115.79
87.32	92.83	97.36	100.00	107.87	110.35	119.30	128.46	117.81
90.91	88.66	93.34	100.00	99.78	110.55	114.06	115.00	126.55

Table 116. Production of major

Items	Unit	1992	1993	1994
Frozen meat & frozen prepared food	M.T.	442 057	504 284	592 370
Wine & liquor	HL.	2 539 326	2 407 707	2 391 442
Beer	HL.	4 415 712	4 632 971	4 553 368
Carbonated beverage	1 000 L	423 888	460 011	433 541
Prepared animal feeds	M.T.	7 004 010	6 878 555	7 072 441
Cigarettes	Million Pcs.	29 785	28 403	28 825
Cotton fabrics	1 000 M ²	1 132 218	1 029 882	1 082 515
Wool woven fabrics	1 000 M ²	11 788	8 227	6 934
Various wearing apparel	1 000 Doz.	58 576	48 032	42 685
Wooden furniture	Million NT\$	27 599	25 834	23 744
Paper & paperboard	M.T.	3 900 662	3 779 007	4 068 279
Sulphuric acid	M.T.	780 342	724 715	809 040
Man-made fiber	1 000 M.T.	2 209	2 285	2 506
Toilet soap	M.T.	12 649	10 933	8 328
Synthetic detergent	M.T.	55 803	64 835	74 291
Automobile tire	1 000 Pcs.	9 446	10 322	11 402
Ceramic tiles	1 000 M ²	88 830	116 888	140 648
Sheet glass	Std. Case	9 380 693	9 252 757	10 804 511
Cement	M.T.	21 463 718	23 970 821	22 721 650
Steel ingot	M.T.	11 180 200	12 779 031	12 102 257
Round bar & section	M.T.	9 342 180	10 758 285	11 150 486
Aluminium & aluminium alloy ingots	M.T.	196 440	224 833	244 619
Nc lathe & general lathe	Set	15 323	13 282	12 053
Drilling machine	Set	187 728	249 017	373 280
Milling machine	Set	13 526	13 997	13 507
Press machine	Set	2 874	3 144	3 997
Sewing machines	Set	3 650 842	3 373 401	3 670 602
Refrigerator	Set	395 536	459 807	471 108
Washing machine	Set	279 282	313 640	369 470
Electric fan	Set	32 206 696	22 847 634	21 057 051
Personal computer	Set	3 243 429	3 751 275	4 831 856
Monitor	Set	11 479 890	12 744 531	14 069 543
Radio cassette recorder	Set	7 155 399	6 193 258	6 432 513
Telephone set.	Set	10 975 179	10 681 796	8 729 229
Integrated circuit	1 000 Pcs.	-	-	2 530 740
Color picture tube	1 000 Pcs.	9 459	10 773	9 193
Electronic condenser	1 000 Pcs.	26 577 100	31 301 048	38 822 319
Print circuit board	Million NT\$	32 440	41 406	54 232
Passenger car	Set	428 295	389 199	409 527
Truck & bus	Set	7 968	7 095	4 956
Automobile part & accessory	Million NT\$	105 775	107 673	111 487
Bicycle	Set	8 073 803	8 260 435	7 914 259
Golf equipment	Million NT\$	10 878	10 730	11 121
Toy & doll	Million NT\$	24 067	22 068	19 271

manufactured goods

1995	1996	1997	1998	1999	2000	2001
714 128	682 224	458 841	355 364	338 318	334 001	314 128
2 374 858	2 301 433	2 377 203	2 204 660	2 481 986	2 507 449	2 482 423
4 156 222	3 881 706	3 680 160	4 233 942	4 073 282	3 963 969	3 881 075
420 764	449 935	477 450	511 572	461 032	436 897	442 241
7 174 192	7 242 475	6 186 191	5 304 721	5 510 492	5 016 935	5 073 701
27 562	26 731	27 102	24 961	22 735	21 064	22 226
895 362	941 375	970 574	983 979	1 061 736	1 059 629	831 566
6 941	8 057	8 382	-	-	-	-
37 754	33 299	31 936	32 785	30 757	26 457	20 911
20 562	19 267	18 893	19 934	19 002	16 860	11 593
4 078 977	4 171 406	4 340 674	4 065 237	4 170 005	4 335 314	3 581 748
809 998	865 430	917 587	885 743	848 197	1 020 861	955 797
2 583	2 769	3 037	3 180	3 228	3 267	3 109
5 281	4 587	4 358	4 036	4 085	3 854	3 263
68 160	76 250	77 241	74 193	82 483	78 154	78 097
12 180	13 324	14 373	15 536	16 711	17 072	16 327
131 704	109 693	105 139	98 838	88 448	67 530	44 617
11 200 097	9 729 052	9 695 603	9 607 521	9 512 007	10 046 196	8 263 139
22 478 018	21 537 344	21 522 439	19 651 529	18 283 162	17 572 303	18 127 570
12 190 034	12 335 794	15 824 214	17 192 204	16 026 651	17 302 396	17 336 157
10 825 985	10 350 645	11 430 377	12 422 205	12 025 697	12 731 876	11 193 078
322 383	393 776	449 536	399 909	357 864	234 777	207 683
17 372	20 273	19 859	17 176	12 930	15 756	10 048
314 973	295 476	286 711	197 906	134 518	94 826	66 223
15 753	20 067	20 079	18 263	11 359	13 584	9 909
5 154	5 394	5 748	4 468	5 211	6 473	4 402
3 213 320	3 305 200	3 448 948	3 289 667	2 778 211	2 947 248	2 629 989
522 539	465 806	432 283	455 359	413 931	409 573	420 460
371 446	370 854	316 612	303 949	304 805	294 724	261 903
19 938 574	22 197 059	21 324 811	20 347 365	23 800 287	22 278 541	21 602 426
7 035 622	8 915 133	9 897 741	11 707 767	12 959 075	16 370 542	16 720 931
17 751 239	18 669 498	20 461 312	16 406 445	10 941 810	8 193 824	7 896 405
6 974 684	6 562 347	6 044 154	5 361 181	4 620 638	4 600 871	4 901 423
8 010 010	6 235 838	8 584 456	7 736 597	6 629 451	4 722 353	1 910 975
3 378 203	3 754 227	4 228 173	3 967 541	3 985 197	5 068 617	4 799 321
12 217	14 010	15 372	15 217	23 344	20 538	9 739
42 348 390	45 043 289	56 665 168	67 328 199	80 670 633	111 071 184	118 126 953
79 850	94 393	115 142	138 305	144 883	192 719	158 096
389 722	363 377	369 795	397 188	341 133	367 725	266 237
5 238	3 167	5 843	5 154	4 227	3 358	2 326
120 362	115 310	122 331	130 640	129 082	139 467	125 643
8 039 142	7 824 108	7 672 312	9 042 851	7 228 259	7 193 194	4 746 535
12 844	13 102	15 429	13 908	12 279	16 119	13 079
19 358	16 046	11 341	9 683	7 486	7 626	9 076

Table 117.

Items	1990	1991	1992	1993	1994
Total supply	58 605.2	58 493.5	64 124.0	68 387.6	73 034.2
Indigenous energy	3 845.8	2 731.4	3 222.9	2 778.9	3 369.9
Coal (Solids)	325.2	277.3	230.7	225.9	196.4
Crude oil (Liquids)	182.4	110.3	72.0	65.5	68.6
Natural gas (Gas)	1 304.3	975.6	845.8	818.5	897.5
Hydro power (Electricity)	2 033.9	1 368.2	2 074.4	1 669.0	2 207.4
Imports	54 759.4	55 762.1	60 901.1	65 608.6	69 664.3
Coal & coal products	13 357.1	13 318.2	15 986.1	18 264.7	19 291.6
Crude oil & petroleum products	32 297.2	31 400.3	34 129.2	36 254.9	38 511.8
L.N.G.	941.2	2 277.5	2 378.8	2 555.4	3 199.1
Nuclear power	8 163.9	8 766.1	8 407.0	8 533.6	8 661.8
Total demand	58 605.2	58 493.5	64 124.0	68 387.6	73 034.2
Domestic consumption	52 009.9	55 187.0	58 247.5	61 574.7	66 054.5
Energy use	50 943.3	54 026.9	57 054.1	60 281.7	64 744.5
Non-energy use	1 066.6	1 160.1	1 193.4	1 293.0	1 310.0
By energy form					
Coal & coal products	6 646.9	6 833.5	6 945.2	7 522.0	7 625.7
Petroleum products	22 974.7	23 071.8	24 427.6	25 642.5	28 017.1
L.N.G.	346.6	810.7	831.8	841.8	967.2
Natural gas	1 184.3	1 363.1	1 481.7	1 493.3	1 556.5
Electricity	20 857.5	23 107.9	24 561.2	26 075.2	27 888.0
Exports	392.0	591.5	738.3	1 264.3	918.7
International marine bunkers	1 700.4	1 608.5	2 208.6	2 107.7	2 316.5
Change in stocks	3 199.1	- 1 314.6	505.4	779.9	1 673.3
Loss & statistical difference	749.2	1 871.9	1 861.2	1 858.5	907.4
Electricity to pump up	554.5	549.1	562.8	802.4	1 163.8
Consumption per capita (LOE)	2 570.6	2 697.5	2 820.0	2 953.4	3 140.2

Energy10³ K.L. Oil Equivalent

1995	1996	1997	1998	1999	2000	2001
79 676.5	83 297.6	88 282.9	92 383.3	98 875.9	105 043.2	108 521.3
3 361.2	3 298.8	3 345.5	3 612.7	3 177.6	3 036.3	3 158.0
162.0	101.6	68.3	54.5	63.2	57.3	-
62.3	59.7	50.7	54.0	47.1	37.2	40.6
931.2	891.0	850.2	869.2	846.1	738.5	839.7
2 205.6	2 246.5	2 376.4	2 635.0	2 221.3	2 203.3	2 277.7
76 315.3	79 998.8	84 937.4	88 770.6	95 698.2	102 006.8	105 363.3
20 708.3	22 375.5	26 097.9	26 649.7	29 523.4	32 643.8	35 090.6
43 188.4	44 457.7	45 203.5	47 429.3	50 876.0	53 417.2	54 627.6
3 646.2	3 779.1	4 626.8	5 618.9	5 756.3	6 381.8	6 830.3
8 772.4	9 386.5	9 009.3	9 072.7	9 542.5	9 564.1	8 814.8
79 676.5	83 297.6	88 282.9	92 457.8	98 875.9	105 043.2	108 521.3
68 963.7	72 258.5	76 845.3	80 798.1	85 260.8	90 635.6	94 828.4
67 684.4	70 763.6	75 317.5	78 813.4	83 017.0	88 283.5	93 101.8
1 279.3	1 494.9	1 527.8	1 984.7	2 243.8	2 352.1	1 726.6
7 618.6	7 704.5	8 979.5	9 727.1	9 195.4	10 031.7	10 534.8
28 993.7	30 301.7	30 958.6	31 668.0	33 556.8	33 886.9	36 757.5
1 054.7	1 129.1	1 106.7	1 160.7	1 108.2	1 042.9	997.8
1 667.0	1 673.4	1 662.9	1 651.5	1 532.5	1 512.0	1 402.8
29 629.7	31 449.8	34 137.7	36 590.8	39 867.8	44 162.1	45 135.4
1 815.8	2 445.7	3 344.9	1 896.2	2 452.6	2 719.2	5 237.4
2 644.9	2 576.0	3 058.2	3 383.1	4 237.6	3 854.7	2 799.2
2 835.6	2 190.7	1 274.9	1 747.3	3 682.5	6 282.0	1 818.2
2 174.0	2 470.3	2 396.4	3 247.9	2 033.9	360.4	2 571.0
1 242.5	1 356.5	1 363.1	1 385.3	1 208.5	1 191.4	1 267.2
3 250.7	3 378.5	3 561.5	3 709.5	3 879.5	4 096.5	4 256.6

Table 118. Indexes of construction of building

Thousand M²

Year	Indexes of buildings construction 1996 = 100	Construction of building					
		Total	By materials				
			Steeled concrete	Reinforced concrete	Brick	Wooden	Others
1972	16.44	8 296		4 951	3 147	86	112
1973	18.92	9 708		4 958	4 539	76	135
1974	21.10	10 730		5 964	4 591	52	123
1975	25.07	12 391		8 718	3 452	64	157
1976	30.30	14 962		10 659	4 026	87	190
1977	39.77	19 833		14 841	4 746	32	214
1978	46.36	22 754		16 993	5 342	29	390
1979	58.88	28 761		22 605	5 612	21	523
1980	71.69	35 284		25 778	8 524	57	925
1981	79.29	38 892	357	29 047	8 300	20	1 168
1982	55.11	26 919	199	20 624	5 097	18	981
1983	52.47	24 987	774	19 119	3 927	17	1 150
1984	58.65	27 191	1 861	19 662	4 390	19	1 259
1985	58.86	28 113	894	21 184	4 687	22	1 326
1986	53.32	25 959	204	20 146	4 322	19	1 268
1987	51.70	25 179	217	19 517	3 849	24	1 572
1988	61.29	29 766	333	23 113	4 115	33	2 172
1989	65.20	31 256	476	25 263	3 169	22	2 326
1990	65.61	31 275	368	26 078	2 782	34	2 013
1991	67.92	32 003	921	26 900	2 071	23	2 088
1992	79.56	36 914	1 953	31 314	1 593	66	1 988
1993	101.99	47 533	1 631	41 258	1 584	77	2 983
1994	126.36	58 197	2 857	51 248	1 626	65	2 401
1995	121.06	55 216	3 422	49 420	976	31	1 367
1996	100.00	45 772	2 698	40 588	854	18	1 614
1997	83.73	38 442	2 960	32 867	664	38	1 913
1998	84.17	38 635	3 379	32 598	641	63	1 954
1999	89.73	41 239	3 719	34 583	598	60	2 279
2000	76.21	35 028	4 653	27 479	569	87	2 240
2001	66.82	31 167	5 317	21 639	962	123	3 126

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 in 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 (%)	
1972	119 525	2 988	45.0	100 791
1973	170 723	4 483	50.0	145 079
1974	213 718	5 639	25.8	265 395
1975	201 468	5 309	- 5.7	226 460
1976	309 913	8 166	53.8	289 139
1977	355 239	9 361	14.6	323 839
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	2 040 785	76 178	13.2	1 690 772
1992	2 047 963	81 470	0.4	1 817 061
1993	2 239 032	85 091	9.3	2 034 746
1994	2 456 011	93 049	9.7	2 261 651
1995	2 949 578	111 659	20.1	2 742 851
1996	3 176 625	115 942	7.7	2 815 120
1997	3 481 685	122 081	9.6	3 276 094
1998	3 693 269	110 582	6.1	3 503 569
1999	3 917 445	121 591	6.1	3 576 416
2000	4 616 301	148 321	17.9	4 368 696
2001	4 137 744	122 866	- 10.4	3 619 430

Note : 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
2 514	36.3	18 734	475	40.00	40.10
3 792	50.9	25 644	691	38.08	38.25
6 966	82.9	- 51 677	- 1 327	37.90	38.10
5 952	- 14.7	- 24 992	- 643	37.95	38.05
7 599	27.7	20 774	567	37.95	38.05
8 511	12.0	31 400	850	37.95	38.05
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
62 861	14.9	350 013	13 318	26.80	26.90
72 007	7.5	230 902	9 463	25.14	25.23
77 061	12.0	204 286	8 030	26.30	26.40
85 349	11.2	194 360	7 700	26.40	26.50
103 550	21.3	206 727	8 109	26.40	26.50
102 370	2.6	361 505	13 572	27.40	27.50
114 425	16.4	205 591	7 656	28.50	28.60
104 665	6.9	189 700	5 917	33.40	33.50
110 690	2.1	341 029	10 901	32.20	32.30
140 011	22.2	247 605	8 310	31.10	31.20
107 237	- 17.1	518 314	15 629	33.70	33.80

Table 120. Indexes of external trade

1996 = 100

Year	Value index		Quantum index		Unit value index		Net terms of trade	Income terms of trade
	Exports	Imports	Exports	Imports	Exports	Imports		
1982	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-
1989	55.02	49.22	69.24	62.46	79.47	78.81	100.83	69.81
1990	56.75	52.28	70.59	65.42	80.40	79.92	100.60	71.01
1991	64.24	60.06	78.41	74.25	81.93	80.89	101.28	79.41
1992	64.47	64.55	82.09	84.21	78.53	76.65	102.45	84.10
1993	70.48	72.28	85.29	88.71	82.64	81.47	101.43	86.51
1994	77.32	80.34	90.27	90.75	85.65	88.53	96.74	87.33
1995	92.85	97.43	94.97	98.30	97.77	99.11	98.64	93.68
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	109.60	116.37	107.86	117.04	101.61	99.43	102.19	110.22
1998	116.26	124.46	109.05	121.82	106.61	102.17	104.34	113.78
1999	123.32	127.04	114.39	126.31	107.81	100.58	107.18	122.61
2000	145.32	155.19	125.88	138.92	115.44	111.71	103.33	130.08
2001	130.26	128.57	107.77	122.56	120.87	104.90	115.22	124.17

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
1982	2.0	5.1	92.9	16.3	75.4	8.3
1983	1.9	4.8	93.3	13.9	78.3	7.8
1984	1.7	4.3	94.0	13.6	78.6	7.8
1985	1.6	4.5	93.9	14.1	76.9	9.0
1986	1.6	4.9	93.5	15.0	75.6	9.4
1987	1.3	4.8	93.9	16.0	74.1	9.9
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	1.5	98.2	23.2	63.8	13.0
1999	0.3	1.3	98.4	26.4	64.1	9.5
2000	0.2	1.2	98.6	28.0	64.1	7.8
2001	0.2	1.4	98.4	25.0	65.7	9.2

Table 122. Exports by

Country or area of region	1987	1988	1989	1990	1991	1992
Total	53 678 748	60 667 362	66 303 952	67 214 446	76 178 309	81 470 250
Developed market economies						
Australia	1 103 020	1 358 576	1 537 674	1 279 237	1 353 625	1 428 391
Belgium	373 759	471 200	462 283	486 902	527 830	567 770
Canada	1 561 067	1 584 401	1 759 418	1 558 543	1 624 208	1 643 387
France	772 766	939 025	1 087 005	1 131 740	1 352 244	1 249 350
Germany ¹	1 992 510	2 345 321	2 577 937	3 197 671	3 868 708	3 599 103
Ireland	89 938	90 153	101 181	115 810	106 981	141 383
Italy	655 447	834 868	869 401	984 897	1 026 586	1 070 769
Japan	6 986 014	8 771 697	9 064 862	8 337 715	9 188 897	8 893 655
Netherlands	1 088 709	1 508 412	1 582 011	1 856 238	2 170 853	2 194 712
Spain	282 530	448 021	505 500	587 862	769 744	814 029
Sweden	293 376	336 033	391 444	407 933	403 481	411 228
U.S.A.	23 684 790	23 467 169	24 036 214	21 745 853	22 320 844	23 571 604
United Kingdom	1 547 779	1 906 553	2 101 815	1 979 352	2 071 791	2 205 064
Developing market economies						
Hong Kong	4 123 315	5 587 070	7 042 278	8 556 243	12 430 520	15 414 978
India	122 777	176 270	214 178	229 127	158 459	173 359
Indonesia	445 505	632 637	934 092	1 245 811	1 207 204	1 214 753
Korea, Rep. Of	638 192	917 301	1 132 751	1 212 816	1 287 320	1 150 428
Mainland China	-	-	-	-	83	1 051
Malaysia	272 137	451 054	694 811	1 103 562	1 464 854	1 600 272
Mexico	81 171	166 327	303 032	334 140	369 145	431 252
Philippines	459 745	601 378	778 076	811 425	848 019	1 023 253
Singapore	1 350 456	1 682 691	1 975 647	2 203 661	2 403 482	2 505 166
South Africa	-	-	-	-	498 132	580 862
Thailand	424 614	753 672	1 110 156	1 423 637	1 444 860	1 809 558
United Arab Emirates	228 653	242 845	255 893	249 696	385 755	420 154
Vietnam	-	-	8 879	62 746	152 288	278 485
Others	5 100 478	5 394 688	5 777 414	6 111 829	6 742 396	7 076 234

Note : ¹ East & West Germany figures were included before Dec. 1990.

regions and countries (areas)

Thousands of U.S. Dollars

1993	1994	1995	1996	1997	1998	1999	2000	2001
85 091 458	93 048 783	111 658 800	115 942 064	122 080 673	110 582 293	121 590 945	148 320 561	122 866 261
1 449 566	1 632 446	1 755 641	1 836 932	1 872 960	1 631 689	1 847 382	1 827 957	1 362 746
550 097	516 573	622 671	680 174	736 564	879 424	746 344	897 054	675 295
1 537 693	1 458 206	1 429 521	1 397 373	1 598 162	1 572 926	1 750 548	1 882 170	1 564 291
1 077 705	961 322	1 203 547	1 305 987	1 394 261	1 376 148	1 584 124	1 637 558	1 165 985
3 504 002	3 251 303	3 839 174	3 644 109	3 690 558	4 084 468	4 076 559	4 891 367	4 480 354
178 568	267 454	349 931	336 055	446 629	716 008	741 885	649 649	672 085
769 742	813 141	1 004 060	1 080 322	1 130 375	1 344 025	1 326 522	1 484 464	1 254 533
8 977 167	10 221 109	13 156 727	13 658 783	11 691 036	9 324 024	11 900 347	16 599 441	12 759 023
2 116 369	2 374 835	3 209 459	3 823 041	4 297 960	4 368 958	4 214 344	4 933 849	4 229 233
553 416	492 345	583 212	599 442	614 996	742 743	768 377	836 877	679 075
377 692	356 547	392 595	414 287	434 726	407 593	418 094	478 945	368 417
23 587 325	24 336 757	26 407 389	26 866 357	29 551 755	29 376 361	30 901 521	34 814 671	27 654 490
2 171 052	2 172 524	2 408 718	2 807 366	3 278 220	3 279 786	3 830 282	4 508 534	3 329 299
18 452 603	21 262 326	26 105 855	26 787 641	28 688 053	24 819 665	26 012 064	31 336 257	26 961 420
211 951	344 923	520 996	463 099	549 430	526 089	594 174	717 940	630 202
1 284 546	1 433 032	1 868 877	1 955 334	2 133 844	1 048 910	1 298 616	1 733 668	1 474 612
1 273 460	1 740 090	2 571 771	2 661 602	2 365 903	1 485 556	2 604 879	3 907 752	3 275 566
16 227	131 634	376 614	623 379	626 480	834 678	2 536 859	4 217 513	4 745 387
1 671 801	2 224 156	2 898 592	2 953 726	3 035 450	2 285 903	2 848 133	3 611 718	3 061 429
484 130	556 991	393 711	470 164	634 645	781 617	905 359	1 216 335	1 020 113
1 031 107	1 222 485	1 653 555	1 931 207	2 242 475	1 934 258	2 611 369	3 035 678	2 148 657
2 890 381	3 365 837	4 404 987	4 573 182	4 894 589	3 255 641	3 818 323	5 455 757	4 051 458
595 550	711 319	848 205	814 533	760 203	647 321	593 661	599 332	493 871
2 018 957	2 440 238	3 071 726	2 789 603	2 562 108	1 925 833	2 104 469	2 562 283	2 125 689
647 829	612 562	620 857	746 553	918 440	783 341	719 010	796 253	756 098
501 307	742 614	1 013 694	1 175 386	1 297 245	1 213 353	1 341 589	1 663 517	1 726 902
7 161 215	7 406 014	8 946 715	9 546 427	10 633 606	9 935 975	9 496 111	12 024 022	10 200 031

Table 123. Imports by

Country or area of region	1987	1988	1989	1990	1991	1992
Total	34 983 380	49 672 800	52 265 326	54 716 004	62 860 545	72 006 794
Developed market economies						
Australia	999 923	1 336 221	1 631 033	1 659 679	2 018 071	2 055 566
Belgium	243 603	283 531	301 573	393 394	399 474	404 791
Canada	651 748	954 392	996 063	838 971	1 039 970	1 178 448
France	473 626	649 749	795 051	1 131 598	1 140 487	1 400 552
Germany ¹	1 664 950	2 204 633	2 659 784	2 716 128	3 013 232	3 919 339
Italy	421 181	650 239	789 114	817 400	795 351	1 001 497
Japan	11 840 566	14 825 440	16 031 015	15 998 428	18 858 256	21 766 639
Netherlands	455 929	898 077	663 343	728 592	803 304	872 184
New Zealand	134 031	165 636	209 567	190 938	265 669	289 262
Sweden	220 121	316 418	424 484	495 005	469 593	594 629
Switzerland	463 400	1 034 040	830 344	1 200 490	991 263	1 070 508
U.S.A.	7 647 962	13 006 725	12 002 788	12 611 827	14 113 788	15 771 032
United Kingdom	792 130	1 113 322	926 795	1 153 672	1 123 803	1 357 667
Developing market economies						
Chile	144 611	259 035	441 294	373 172	510 008	572 100
Hong Kong	753 785	1 922 086	2 205 206	1 445 867	1 946 753	1 781 388
Indonesia	567 248	613 435	706 196	921 587	1 234 332	1 407 269
Korea, Rep. of	532 746	900 089	1 239 071	1 343 646	1 747 031	2 300 890
Mainland China	-	-	-	-	391 079	747 073
Malaysia	729 044	943 382	887 489	1 003 033	1 409 367	1 829 182
Philippines	194 435	242 301	238 478	236 259	235 312	305 177
Russia	-	-	-	-	-	344 979
Saudi Arabia	1 075 312	1 237 018	1 375 481	1 539 246	1 679 268	1 464 663
Singapore	522 145	740 057	889 404	1 406 040	1 445 867	1 694 883
South Africa	-	-	-	-	715 989	1 135 716
Thailand	200 413	341 901	390 169	447 961	586 133	824 579
United Arab Emirates	129 523	242 382	202 922	366 567	372 354	341 895
Others	4 124 948	4 792 691	5 428 662	5 696 504	5 554 791	5 574 886

Note : ¹ East & West Germany figures were included before Dec. 1990.

regions and countries (areas)

Thousands of U.S. Dollars

1993	1994	1995	1996	1997	1998	1999	2000	2001
77 061 203	85 349 194	103 550 044	102 370 021	114 424 665	104 665 312	110 689 863	140 010 636	107 237 394
2 096 898	2 224 988	2 575 298	2 845 058	3 217 348	2 912 959	2 957 093	3 501 489	3 084 943
614 097	754 157	850 016	644 976	604 916	567 774	517 793	549 707	510 001
1 119 188	1 250 712	1 593 815	1 356 732	1 586 706	1 159 890	1 124 631	1 276 264	996 056
1 268 179	1 456 844	1 784 226	4 060 855	4 725 977	5 328 522	1 887 313	1 830 122	2 130 538
4 220 329	4 784 285	5 683 348	5 023 379	5 369 228	5 149 043	5 312 649	5 542 179	4 245 996
1 299 890	1 464 413	1 565 257	1 557 930	1 604 794	1 481 829	1 308 453	1 391 497	1 084 076
23 186 059	24 785 822	30 265 880	27 492 964	29 021 671	27 000 942	30 591 002	38 557 916	25 848 396
1 002 333	1 145 958	1 320 059	1 470 630	1 638 284	1 565 486	1 705 744	2 087 354	1 524 227
310 230	351 953	445 526	428 010	426 425	348 182	361 490	381 352	345 247
508 130	634 892	805 436	715 332	778 038	705 836	702 685	761 557	616 694
920 179	1 074 085	1 316 667	1 414 289	1 112 291	1 115 113	1 105 509	1 058 554	865 846
16 722 624	18 042 642	20 771 393	19 971 851	23 233 847	19 678 880	19 693 076	25 126 194	18 229 222
1 192 466	1 529 102	1 643 210	1 805 433	1 952 801	1 683 594	1 720 481	1 937 388	1 442 762
494 680	661 205	1 014 123	903 902	1 004 920	633 588	599 492	639 222	420 115
1 728 757	1 532 958	1 842 873	1 704 663	1 996 134	1 952 346	2 092 876	2 186 634	1 848 884
1 624 039	2 114 386	2 150 425	1 884 483	2 184 708	2 101 090	2 291 355	3 015 073	2 523 399
2 537 291	3 015 198	4 327 379	4 161 720	5 024 480	5 669 399	7 192 771	8 988 136	6 705 112
1 015 504	1 858 713	3 091 306	3 059 852	3 915 312	4 110 510	4 526 312	6 223 261	5 901 906
1 938 936	2 326 856	2 953 718	3 565 236	4 228 301	3 623 036	3 882 023	5 325 381	4 213 739
364 815	460 680	623 225	840 302	1 374 642	1 823 014	2 172 518	3 593 912	3 250 466
641 094	1 096 727	1 627 961	1 063 845	1 236 807	843 984	1 183 242	1 379 617	603 530
1 501 962	1 332 875	1 763 397	1 763 340	1 904 444	1 204 187	1 383 569	2 690 471	2 745 438
1 865 877	2 412 279	2 957 975	2 789 115	3 150 380	2 696 912	3 312 220	5 013 824	3 367 228
1 319 793	912 444	1 022 327	953 553	1 019 972	759 467	707 766	763 214	628 089
973 005	1 108 777	1 485 292	1 671 718	1 926 910	1 967 663	2 383 367	2 768 012	2 181 003
278 939	255 122	392 730	482 285	547 537	408 212	509 760	623 935	773 958
6 315 909	6 761 121	7 677 182	8 738 568	9 637 792	8 173 854	9 464 673	12 798 371	11 150 523

Table 124. Exports and imports

Item	Exports				
	1995	1996	1997	1998	1999
Total	111 658 800	115 942 064	122 080 673	110 582 293	121 590 945
0. Food and live animals	3 746 337	3 548 650	2 069 360	1 563 979	1 564 872
1. Beverages and tobacco	69 638	39 758	37 326	37 228	39 582
2. Crude materials, inedible, except fuels	2 017 649	1 901 216	1 980 669	1 530 330	1 535 113
3. Mineral fuels, lubricants and related materials	784 194	1 045 982	1 155 881	786 897	998 374
4. Animal and vegetable oils, fats and waxes	31 478	48 032	33 139	25 782	34 865
5. Chemicals and related products, n.e.s.	7 547 469	7 102 448	7 043 778	6 260 157	7 189 596
6. Manufactured goods classified chiefly by material	25 926 028	26 403 982	28 440 765	25 422 658	26 046 337
7. Machinery and transport equipment	53 706 654	58 366 266	63 991 505	59 853 794	67 907 116
8. Miscellaneous manufactured articles	17 738 268	17 355 345	17 200 983	14 971 079	15 998 946
9. Commodities and transactions not classified elsewhere in the SITC	91 085	130 384	127 266	130 390	276 142

Table 125. Number of

End of year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water
1990	617 395	2 263	774	73 042	603
1991	624 894	2 354	841	71 654	632
1992	647 132	2 351	988	71 667	641
1993	665 132	2 297	1 143	71 427	649
1994	677 828	2 294	1 174	71 087	680
1995	668 189	2 270	1 179	67 197	686
1996	672 257	2 182	1 220	65 901	709
1997	682 648	2 267	1 279	64 993	778
1998	701 081	2 413	1 288	64 451	812
1999	703 579	2 509	1 313	60 203	888
2000	705 798	2 520	1 307	59 256	950
2001	718 318	5 105	2 353	50 015	2 154

by SITC sections

Thousands of U.S. dollars

		Imports						
2000	2001	1995	1996	1997	1998	1999	2000	2001
148 320 561	122 866 261	103 550 044	102 370 021	114 424 665	104 665 312	110 689 863	140 010 636	107 237 394
1 733 273	1 650 446	3 767 847	4 189 101	3 910 041	3 261 867	3 314 373	3 420 408	3 214 840
503 213	58 027	928 127	905 874	1 060 468	861 207	880 992	885 704	835 397
1 876 251	1 608 581	6 510 117	6 147 476	6 484 083	5 112 394	4 758 669	5 181 672	4 406 371
1 656 846	1 792 556	7 131 051	8 253 778	9 087 322	6 711 380	8 164 921	13 029 709	11 807 894
30 694	28 777	238 182	212 083	224 070	183 231	222 463	158 616	124 836
9 253 903	8 763 279	13 772 148	12 992 108	13 679 770	11 905 692	12 670 881	15 580 973	12 181 442
28 843 387	24 301 806	18 383 886	15 233 241	16 556 417	13 733 100	13 827 389	15 537 555	11 246 195
86 605 874	69 464 718	41 597 481	40 442 476	46 206 207	48 266 066	54 224 957	70 250 879	51 404 861
17 994 786	14 930 103	7 881 675	8 978 824	10 508 753	8 855 063	10 118 301	13 598 596	10 065 934
275 340	267 971	3 339 475	5 015 060	6 707 533	5 775 312	2 506 925	2 366 528	1 949 628

registered business stores

Construction	Trade and eating-drinking place	Transport, storage & communication	Finance, insurance and real estate	Business services	Social, personal and related community services
10 364	400 099	35 236	30 083	-	64 931
11 046	408 918	34 784	27 069	-	67 596
12 236	426 854	34 676	28 501	-	69 218
13 730	441 399	35 304	29 558	-	69 625
15 751	451 543	36 861	29 706	-	68 732
16 793	447 488	37 097	29 603	-	65 876
17 263	451 632	36 927	30 726	-	65 697
17 857	459 611	36 993	32 350	-	66 520
19 450	472 231	36 815	15 257	19 070	69 294
21 771	475 735	35 560	14 569	20 883	70 148
23 511	476 142	33 423	12 214	25 828	70 647
41 449	484 801	31 854	4 553	25 126	70 908

Table 126. Number of newly registered

Year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarring	Manufacturing
				Newly registered
1987	33 315	307	63	7 695
1988	40 896	269	82	9 437
1989	39 731	217	80	7 534
1990	37 239	316	71	6 080
1991	46 326	176	117	11 315
1992	56 805	203	214	12 627
1993	51 716	156	222	11 137
1994	55 700	136	134	14 899
1995	54 431	119	116	11 406
1996	43 638	103	106	7 783
1997	44 068	143	117	7 055
1998	36 513	143	123	4 154
1999	35 367	161	111	4 094
2000	34 404	123	71	4 409
2001	29 921	132	65	3 302
				Capital of newly registered
1987	332 239	3 990	566	126 217
1988	499 648	4 079	1 184	153 372
1989	655 805	3 988	2 669	206 449
1990	752 536	6 896	4 203	268 907
1991	903 447	7 131	7 121	210 020
1992	1 266 056	4 679	5 802	263 287
1993	817 239	1 973	12 998	208 122
1994	469 778	1 709	789	100 127
1995	423 586	904	720	108 458
1996	480 005	797	713	78 233
1997	479 037	893	926	78 931
1998	442 664	1 973	898	39 841
1999	348 111	1 558	592	56 079
2000	581 875	1 199	479	159 453
2001	502 219	864	319	28 193

Note : Data refers to Capital Increase were not included from 1994.

corporations and its capital

Electricity, gas & water	Construction	Trade and eating-drinking places	Transport, storage & communication	Finance, insurance and real estate	Business services	Social, personal and related community services
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corporations (Numbers)

80	543	19 108	389	988	-	4 142
125	869	21 093	870	1 720	-	5 621
179	978	21 823	547	2 626	-	5 747
227	1 498	23 831	754	2 428	-	2 034
96	3 381	23 649	425	5 883	-	1 284
115	4 767	26 763	795	10 021	-	1 300
110	5 228	24 995	896	7 716	-	1 256
64	5 870	23 767	1 010	3 421	4 548	1 851
124	4 731	25 203	3 025	2 697	4 711	2 299
75	3 874	22 803	812	2 003	4 419	1 660
81	3 774	22 862	688	2 858	4 915	1 575
68	3 846	18 371	1 944	2 095	4 108	1 661
94	3 359	15 835	4 269	1 243	3 225	2 976
75	2 740	13 646	5 463	900	3 031	3 946
24	1 942	13 554	4 546	641	2 669	3 046

corporations (Millions of N.T. Dollars)

823	4 836	139 705	9 485	8 645	-	37 972
6 768	11 145	229 062	20 677	33 315	-	40 046
2 329	11 608	223 532	20 180	134 772	-	50 278
1 545	29 300	260 330	25 588	122 928	-	32 839
1 826	46 760	329 465	24 821	245 096	-	31 207
2 608	70 465	356 356	31 406	510 657	-	20 796
44 838	54 398	245 065	28 491	202 775	-	18 579
552	38 487	108 271	38 701	115 277	42 527	23 338
839	22 199	102 850	24 999	93 148	47 041	22 384
560	16 298	116 275	122 422	52 590	60 666	31 410
1 191	17 280	120 542	15 887	118 484	100 025	24 837
845	16 028	104 701	32 199	122 213	110 395	13 547
685	15 694	78 522	29 229	120 738	20 960	24 029
5 224	19 725	179 960	32 283	124 945	27 468	31 091
599	25 886	115 944	20 238	278 635	14 424	17 068

Table 127. Balance

Items	1992	1993	1994
A. Current Account	8 550	7 042	6 498
Goods: exports f.o.b.	81 135	84 778	92 719
Goods: imports f.o.b.	- 68 417	- 73 328	- 80 870
Balance on Goods	12 718	11 450	11 849
Services: credit	10 218	13 314	13 205
Services: debit	- 19 346	- 21 210	- 21 070
Balance on Goods and Services	3 590	3 554	3 984
Income: credit	7 467	6 802	7 125
Income: debit	- 2 668	- 2 480	- 3 061
Balance on Goods , Services and Income	8 389	7 876	8 048
Current transfers: credit	2 200	1 831	2 168
Current Transfers: debit	- 2 039	- 2 665	- 3 718
B. Capital Account	- 393	- 328	- 344
Capital account: credit	-	-	-
Capital account: debit	- 393	- 328	- 344
Total , Groups A plus B	8 157	6 714	6 154
C. Financial Account	- 6 910	- 4 629	- 1 397
Direct investment abroad	- 1 967	- 2 611	- 2 640
Direct investment in Taiwan, R.O.C.	879	917	1 375
Portfolio investment assets	- 705	- 1 332	- 1 997
Equity securities	- 774	- 1 069	- 1 608
Debt securities	69	- 263	- 389
Portfolio investment liabilities	1 149	2 399	2 902
Equity securities	815	2 181	1 545
Debt securities	334	218	1 357
Other investment assets	- 7 059	- 7 248	- 7 512
Monetary authorities	-	-	-
General government	- 33	- 1	- 25
Banks	1 808	- 1 109	- 3 007
Other sectors	- 8 834	- 6 138	- 4 480
Other investment liabilities	793	3 246	6 475
Monetary authorities	...	...	...
General government	- 20	- 23	- 16
Banks	- 110	1 309	3 741
Other sectors	923	1 960	2 750
Total , Groups A through C	1 247	2 085	4 757
D. Net Errors And Omissions	120	- 544	- 135
Total , Groups A through D	1 367	1 541	4 622
E. Reserves and Related Items	- 1 367	- 1 541	- 4 622
Reserve assets	- 1 367	- 1 541	- 4 622
Use of Fund credit and loans	0	0	0
Exceptional financing	0	0	0

of payments

Millions of U.S. Dollars

1995	1996	1976	1998	1999	2000	2001
5 474	10 923	7 051	3 437	8 384	8 905	18 861
111 214	115 462	121 725	110 178	121 119	147 548	122 079
- 97 979	- 97 919	- 107 843	- 99 862	- 106 077	- 133 529	- 101 898
13 235	17 543	13 882	10 316	15 042	14 019	20 181
15 016	16 260	17 144	16 768	17 259	19 952	20 435
- 24 053	- 24 381	- 24 888	- 24 169	- 24 405	- 26 930	- 24 700
4 198	9 422	6 138	2 915	7 896	7 041	15 916
8 119	6 653	6 919	6 481	6 965	9 166	9 327
- 3 931	- 2 665	- 3 797	- 4 432	- 4 160	- 4 698	- 3 648
8 386	13 410	9 260	4 964	10 701	11 509	21 595
2 312	2 498	2 898	2 943	3 126	3 202	2 607
- 5 224	- 4 985	- 5 107	- 4 470	- 5 443	- 5 860	- 5 341
- 650	- 653	- 314	- 181	- 173	- 287	- 163
-	-	-	-	-	-	-
- 650	- 653	- 314	- 181	- 173	- 287	- 163
4 824	10 270	6 737	3 256	8 211	8 618	18 698
- 8 190	- 8 633	- 7 291	2 495	9 220	- 8 019	- 723
- 2 983	- 3 843	- 5 243	- 3 836	- 4 420	- 6 701	- 5 480
1 559	1 864	2 248	222	2 926	4 928	4 109
- 2 236	- 4 301	- 6 749	- 4 220	- 4 835	- 10 087	- 12 427
- 2 121	- 3 239	- 4 628	- 3 893	- 5 058	- 9 265	- 9 358
- 115	- 1 062	- 2 121	- 327	223	- 822	- 3 069
2 729	3 256	- 1 204	1 808	13 914	9 559	11 136
2 073	2 185	- 2 232	1 553	14 765	8 489	11 298
656	1 071	1 028	255	- 851	1 070	- 162
- 8 064	- 11 695	- 1 291	3 494	2 334	- 8 368	- 1 837
-	-	-	-	-	-	-
- 44	- 40	- 21	- 10	- 11	- 13	8
- 1 689	- 5 127	- 1 637	- 1 443	- 923	- 10 105	- 6 656
- 6 331	- 6 528	367	4 947	3 268	1 750	4 811
805	6 086	4 948	5 027	- 699	2 650	3 776
-	-	-	-	-	-	-
- 15	- 107	- 21	- 14	- 7	- 7	- 4
- 20	2 019	2 541	1 404	- 4 645	- 1 705	552
840	4 174	2 428	3 637	3 953	4 362	3 228
- 3 366	1 637	- 554	5 751	17 431	599	17 975
- 565	- 535	- 174	- 924	1 162	1 878	- 622
- 3 931	1 102	- 728	4 827	18 593	2 477	17 353
3 931	- 1 102	728	- 4 827	- 18 593	- 2 477	- 17 353
3 931	- 1 102	728	- 4 827	- 18 593	- 2 477	- 17 353
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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 cargoes 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, the *Statistical Abstract of Posts* published by the Directorate General of Posts, and the *Statistical Abstract of Telecommunications* published by the Directorate General of Telecommunications, Ministry of Transportation and Communications.

Table 128. Railways, highways, motor vehicles in use

Year	Railways (Millions)		Highways (Millions)		Motor vehicles (Thousands)	
	Passenger- kilometers	Freight ton-kilometers	Passenger- kilometers	Freight ton-kilometers	Passenger cars	Commercial vehicles
1972	7 311	2 774	14 067	1 685	72	66
1973	8 018	2 894	15 774	1 944	95	79
1974	8 345	2 853	17 570	2 753	123	101
1975	8 287	2 702	19 007	3 838	145	119
1976	8 479	2 891	21 426	4 924	171	144
1977	8 122	2 658	23 906	5 481	210	164
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	23 275	12 867	3 239	718
1994	9 515	2 007	21 516	13 091	3 571	733
1995	9 499	1 900	19 389	12 492	3 874	770
1996	9 032	1 585	18 502	11 991	4 146	800
1997	9 507	1 514	17 509	12 165	4 412	836
1998	10 305	1 404	17 412	17 426	4 545	837
1999	11 020	1 315	17 518	18 470	4 509	804
2000	12 624	1 179	17 569	18 182	4 716	833
2001	12 269	1 010	18 112	17 735	4 826	855

Table 129. International maritime transport

Year	Merchant shipping : fleets (Thousand gross registered tons)		Goods (Thousand metric tons)		Vessels : foreign (Thousand gross registered tons)	
	Total	Oil tanker fleet	Exports	Imports	Incoming	Outgoing
1972	1 374	331	6 116	19 175	39 533	38 037
1973	1 378	331	5 996	23 975	43 930	41 954
1974	1 323	333	4 576	23 483	41 644	39 900
1975	1 309	327	4 301	23 329	46 502	43 350
1976	1 297	323	6 053	28 883	55 504	50 877
1977	1 415	325	7 877	35 879	66 281	61 487
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	5 936	955	16 741	119 117	287 329	314 677
1995	5 992	955	18 776	122 376	316 622	340 284
1996	6 047	955	20 969	124 736	342 094	368 034
1997	5 929	955	22 516	143 553	364 856	396 754
1998	5 510	902	22 065	139 813	369 457	406 480
1999	5 420	902	26 287	149 121	381 294	413 247
2000	5 308	902	29 653	152 042	389 520	417 335
2001	4 741	902	38 997	157 866	380 816	427 768

Table 130. Civil aviation

Year	Number of flights		Passenger transportation (Millions of passengers)		Freight transportation (Millions of metric tons)	
	Domestic	International	Domestic	International	Domestic	International
1972	43 306	30 344	2 010	1 330	18 438	57 377
1973	53 300	33 793	3 067	1 875	26 382	79 009
1974	58 807	30 974	3 200	1 971	25 083	78 559
1975	65 860	29 498	3 664	2 013	27 739	105 071
1976	82 989	31 619	4 761	2 434	33 408	119 253
1977	104 395	34 437	6 668	2 995	40 557	127 625
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	521 114	111 794	28 740	14 988	85 898	1 019 797
1996	577 033	123 931	35 902	16 157	94 398	1 078 042
1997	580 115	135 730	37 400	17 069	103 651	1 203 929
1998	503 321	135 023	33 294	16 440	94 101	1 205 181
1999	483 979	132 343	32 534	17 808	98 295	1 349 185
2000	448 181	138 379	26 650	19 780	93 999	1 525 991
2001	414 698	147 212	24 614	19 501	37 375	1 035 552

Table 131. Telephones

Year	Number of mobile telephones (Thousands)	Local telephones			Internet users (Thousnads)
		Subscribers (Thousands)	Subscribers, index (1991=100)	Subscribers per 100 population (Subscribers)	
1972	-	383	5.58	2.5	-
1973	-	487	7.10	3.1	-
1974	-	599	8.73	3.8	-
1975	-	774	11.30	4.8	-
1976	-	986	14.39	6.0	-
1977	-	1 196	17.45	7.1	-
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	108.25	35.7	50
1993	539	7 951	116.01	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	146.07	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	175.74	54.5	4 800
2000	17 874	12 642	184.47	56.8	6 270
2001	21 633	12 858	187.62	57.4	7 820

Table 132. International telephone and telex business

Thousands

Year	Outgoing telephone		Outgoing telex	
	No. of messages	No. of minutes	No. of messages	No. of minutes
1972	610	3 797	291	1 267
1973	971	6 288	571	2 106
1974	1 210	7 626	943	2 852
1975	1 320	8 396	1 362	3 791
1976	1 546	9 735	2 004	4 653
1977	1 721	11 020	2 682	5 837
1978	2 278	14 383	3 684	7 768
1979	3 128	19 464	4 639	9 590
1980	3 634	22 945	5 817	11 985
1981	4 293	27 049	6 933	14 234
1982	4 927	30 278	7 814	15 899
1983	6 208	36 786	9 227	18 784
1984	8 941	45 783	11 158	18 555
1985	13 321	58 021	12 087	18 750
1986	21 250	77 063	13 076	19 459
1987		105 629	11 315	16 259
1988	66 085	142 628	7 979	11 631
1989	66 085	183 864	5 550	8 674
1990	84 642	241 928	3 964	6 786
1991	104 844	297 616	2 954	5 432
1992	128 887	366 854	2 196	4 391
1993	153 531	442 308	1 550	3 283
1994	169 863	501 849	1 064	2 446
1995	191 615	593 023	706	1 647
1996	219 642	700 502	508	1 200
1997	245 854	789 061	381	888
1998	264 103	860 878	294	669
1999	294 722	958 264	238	547
2000	328 283	1 058 378	188	420
2001	433 642	1 522 235	140	300

Table 133. Postal service

Year	Postal establishments (Offices)	Mail routes (Thousand-kms)	Mail receptacles (Boxes)	Correspondences (Million pieces)		Parcels (Thousand pieces)	
				Posted	Delivered	Posted	Delivered
1987	12 511	1 588	18 252	1 443	1 540	9 415	9 437
1988	12 498	1 593	18 472	1 545	1 670	10 120	10 225
1989	12 441	1 605	18 486	1 816	1 952	10 440	10 554
1990	12 700	1 608	18 488	1 708	1 985	11 009	11 273
1991	13 223	1 608	18 484	1 741	2 008	13 119	13 270
1992	13 527	1 636	18 520	1 819	2 012	15 817	16 149
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	14 632	1 835	18 531	2 219	2 563	18 319	18 683
1997	13 955	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

Table 134. Visitor arrivals by purpose of visit

Year	Persons							
	Total	Pleasure	Business	Visit relatives	Study	Conference	Others	Unstated
1987	1 760 948	998 235	352 545	121 691	16 391	16 007	38 471	217 608
1988	1 935 134	1 059 302	404 540	139 825	19 331	12 404	42 602	257 130
1989	2 004 126	1 100 430	410 060	140 587	22 334	12 648	44 157	273 910
1990	1 934 084	1 037 866	400 362	139 000	25 664	12 194	46 890	272 108
1991	1 854 506	826 441	436 490	154 309	24 579	15 964	40 675	356 048
1992	1 873 327	809 453	496 844	180 149	24 260	19 492	45 497	297 632
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	2 617 137	990 874	835 669	266 790	26 507	34 356	103 858	359 083

Table 135. Number of foreign visitor

Resident	1982	1983	1984	1985	1986	1987	1988	1989	1990
Grand Total	1 111 406	1 166 791	1 227 450	1 195 443	1 333 315	1 510 972	1 696 677	1 768 541	1 712 680
Asia	859 147	889 076	922 872	887 400	982 339	1 102 967	1 288 701	1 367 417	1 312 944
Hong Kong	16 320	16 633	17 664	18 304	21 138	21 596	22 562	25 720	26 839
Japan	576 930	595 878	634 236	617 830	691 984	794 537	909 044	962 545	914 750
Korea	33 652	33 147	29 579	30 323	29 682	38 839	84 503	135 635	143 656
India	4 832	4 638	5 182	5 410	5 885	7 820	7 618	6 469	5 753
Middle East	9 410	11 500	9 993	8 948	10 843	11 519	10 285	9 597	8 396
Malaysia	63 348	70 428	73 034	65 527	59 801	64 464	85 660	62 975	49 376
Singapore	57 753	61 744	63 432	53 044	57 020	56 347	61 302	59 573	59 207
Indonesia	36 902	32 238	29 623	27 101	28 855	26 183	26 395	26 361	25 764
Philippines	25 614	25 264	22 196	24 478	26 761	32 856	34 152	28 981	29 564
Thailand	24 791	27 860	23 274	19 486	30 369	27 252	23 624	21 350	21 266
Others	9 595	9 746	14 659	16 949	20 001	21 554	23 556	28 211	28 373
America	152 297	173 909	195 785	204 412	220 293	246 869	245 856	250 036	251 826
Canada	13 607	15 164	16 849	17 082	18 889	20 447	20 382	20 261	19 761
U.S.A.	130 696	151 018	171 476	179 981	192 942	215 884	214 581	219 046	221 201
Mexico	665	471	451	638	759	915	1 354	1 466	1 662
Brazil	1 418	1 587	1 375	1 501	1 896	2 289	2 886	3 388	3 299
Others	5 911	5 669	5 634	5 210	5 807	7 334	6 653	5 875	5 903
Europe	62 459	65 685	70 778	70 483	85 106	101 588	109 238	111 189	111 195
Belgium	1 719	1 816	2 075	2 201	2 547	3 211	3 343	3 272	3 035
France	7 732	7 401	8 820	8 908	11 651	14 575	15 106	15 812	15 714
Germany	14 596	16 046	17 314	17 105	19 393	22 869	24 719	24 983	24 250
Italy	4 625	4 442	4 955	4 732	5 880	7 946	8 890	8 850	8 803
Netherlands	4 728	5 529	5 727	5 871	7 246	8 136	8 405	8 525	7 901
Spain	1 891	1 407	1 361	1 278	1 885	2 412	2 751	3 079	2 975
Switzerland	4 176	4 148	4 439	4 727	5 304	5 810	6 056	5 932	6 120
U.K.	13 464	14 640	14 437	13 985	16 767	19 876	22 300	22 524	23 064
Others	9 528	10 256	11 650	11 676	14 433	16 753	17 668	18 212	19 333
Oceania	19 351	19 563	20 508	20 227	21 071	22 340	22 856	24 215	22 623
Australia	16 923	17 154	17 846	17 729	17 844	18 167	18 536	19 773	18 741
New Zealand	2 027	2 063	2 192	2 116	2 634	3 380	3 379	3 450	3 141
Others	401	346	470	382	593	793	941	992	741
Africa	18 119	18 221	17 344	12 690	14 891	15 944	17 102	14 352	12 838
Nigeria	1 970	2 205	2 242	2 918	3 324	1 327	1 227	1 258	1 328
Rep. of S. Africa	13 742	13 156	11 841	6 737	7 563	10 163	12 314	9 590	8 423
Others	2 407	2 860	3 261	3 035	4 004	4 454	3 561	3 504	3 087
Others	33	337	163	231	9 615	21 264	12 924	1 332	1 254

arrivals by residence

Persons

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1 629 448	1 649 726	1 601 228	1 856 685	2 066 333	2 088 539	2 115 641	2 031 811	2 115 653	2 310 670	2 291 871
1 224 636	1 216 340	1 159 554	1 379 321	1 566 025	1 572 539	1 571 044	1 478 765	1 546 893	1 690 232	1 704 449
26 912	26 964	28 451	33 370	39 269	45 998	50 557	54 574	63 323	73 708	80 752
825 420	794 237	696 431	816 665	907 338	911 777	900 714	822 817	823 799	914 884	970 741
150 076	147 158	88 297	124 116	140 469	121 399	94 632	59 766	74 411	82 480	82 081
5 346	6 878	7 361	8 197	9 553	10 320	11 438	11 672	11 498	13 195	13 062
8 690	9 242	9 725	9 013	10 066	9 759	11 321	11 147	10 578	11 202	9 194
40 658	46 455	50 664	47 577	53 620	55 430	54 022	48 904	52 358	57 728	56 615
61 962	63 739	59 810	69 259	69 665	77 642	81 356	86 695	85 569	94 691	96 645
22 780	22 247	33 984	38 489	45 857	50 505	54 092	47 415	76 424	106 787	89 027
26 863	28 709	52 981	69 468	89 490	104 525	112 844	120 543	120 319	83 137	68 955
23 739	33 416	88 985	114 613	146 632	120 089	121 534	127 987	137 664	132 998	116 296
32 190	37 295	42 865	48 554	54 066	65 095	78 534	87 245	90 950	119 422	121 081
254 935	275 688	280 814	301 012	311 180	318 245	337 610	345 771	357 455	405 749	388 507
20 352	21 730	21 081	23 308	25 944	29 580	31 762	33 360	34 568	38 016	40 176
224 182	243 022	248 942	266 115	273 606	277 236	293 681	300 753	311 995	356 535	338 548
1 534	1 645	1 265	1 410	1 034	1 325	1 490	1 679	1 694	1 876	1 605
2 723	2 799	2 827	3 480	4 095	3 508	3 479	3 247	2 467	2 767	2 155
6 144	6 492	6 699	6 699	6 501	6 596	7 198	6 732	6 731	6 555	6 023
113 488	119 821	120 944	134 043	143 700	151 564	158 349	159 659	161 377	160 728	147 610
3 401	3 302	3 207	3 629	3 745	3 971	3 861	4 079	4 098	4 147	3 506
16 548	17 513	18 494	21 334	21 587	21 716	22 674	23 515	23 508	23 675	20 988
25 543	28 758	28 357	31 075	32 667	33 677	34 492	35 187	34 096	34 769	33 687
9 348	10 221	9 893	11 934	12 239	11 511	12 257	11 720	11 329	12 055	10 639
8 110	8 208	8 879	9 155	9 935	10 436	10 814	11 190	14 235	12 592	11 032
3 386	3 711	3 217	3 577	3 685	3 714	4 036	3 892	3 875	4 063	3 736
5 941	5 668	5 937	6 029	6 238	6 035	6 602	6 390	6 452	6 325	5 909
21 416	22 646	24 112	26 929	28 796	30 426	32 737	33 505	33 136	35 471	33 569
19 795	19 794	18 848	20 381	24 808	30 078	30 876	30 181	30 648	27 631	24 544
22 444	24 840	25 654	27 907	31 372	32 100	34 367	34 153	35 541	38 049	36 141
18 703	20 896	21 446	23 134	26 112	26 844	28 674	28 737	29 731	31 711	29 978
3 077	3 421	3 819	4 258	4 875	4 952	5 302	5 045	5 357	5 973	5 768
664	523	389	515	385	304	391	371	453	365	395
12 678	11 118	10 718	10 276	9 839	9 345	8 808	7 728	7 716	8 667	8 663
1 520	1 483	1 500	1 096	856	836	841	681	827	930	1 020
7 895	6 164	6 182	5 998	5 671	5 540	4 336	3 799	3 852	4 849	5 151
3 263	3 471	3 036	3 182	3 312	2 969	3 631	3 248	3 037	2 888	2 492
1 267	1 919	3 544	4 126	4 217	4 746	5 463	5 735	6 671	7 245	6 501

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\$)	
1972	580 033	7.5	129	17.0	221.9	48.5	4.6
1973	824 393	42.1	246	91.0	298.3	65.0	4.6
1974	819 821	- 0.6	278	13.2	339.6	76.8	4.4
1975	853 140	4.1	359	29.1	421.2	66.9	6.3
1976	1 008 126	18.2	466	29.7	462.3	68.9	6.7
1977	1 110 182	10.1	527	13.2	475.1	72.4	6.6
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	3 637	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	2 617 137	- 0.3	3 991	6.8	1 525.0	207.8	7.3

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. A statistical table presents detailed tax revenue. 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 -- The revenues and expenditures refer to non-refundable revenue and expenditure, net of inter-governmental transfers.

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 real

Fiscal year	Net revenues							
	Total		Real		Nonreal		Total	
	Amount (Mil. N.T. \$)	Annual increase rate (%)	Amount (Mil. N.T. \$)	Annual increase rate (%)	Amount (Mil. N.T. \$)	Annual increase rate (%)	Amount (Mil. N.T. \$)	Annual increase rate (%)
1972	66 368	15.7	63 377	19.9	2 991	- 33.6	63 668	16.1
1973	89 637	35.1	82 281	29.8	7 356	145.9	79 856	25.4
1974	115 832	29.2	110 054	33.8	5 778	- 21.5	89 934	12.6
1975	134 034	15.7	126 311	14.8	7 723	33.7	126 436	40.6
1976	166 103	23.9	156 124	23.6	9 979	29.2	149 994	18.6
1977	193 828	16.7	180 224	15.4	13 604	36.3	192 493	28.3
1978	233 644	20.5	216 168	19.9	17 476	28.5	226 900	17.6
1979	287 420	23.0	276 559	27.9	10 861	- 37.9	254 711	12.3
1980	368 922	28.4	340 715	23.2	28 207	159.7	345 396	35.6
1981	437 707	18.6	411 712	20.8	25 995	- 7.8	433 221	25.4
1982	490 767	12.1	454 461	10.4	36 306	39.7	493 741	14.0
1983	501 155	2.1	461 116	1.5	40 039	10.3	498 159	0.9
1984	534 154	6.6	515 911	11.9	18 243	- 54.4	519 049	4.2
1985	576 039	7.8	542 602	5.2	33 437	83.3	563 729	8.6
1986	636 204	10.4	584 838	7.8	51 366	53.6	632 661	12.2
1987	707 843	11.3	650 203	11.2	57 640	12.2	662 135	4.7
1988	852 630	20.5	765 439	17.7	87 191	51.3	751 930	13.6
1989	1 382 533	62.1	921 575	20.4	460 958	428.7	1 239 554	64.8
1990	1 203 171	- 13.0	1 092 401	18.5	110 770	- 76.0	1 166 747	- 5.9
1991	1 438 686	19.6	1 049 931	- 3.9	388 755	251.0	1 416 625	21.4
1992	1 710 802	18.9	1 257 568	19.8	453 233	16.6	1 696 117	19.7
1993	1 894 369	10.7	1 416 334	12.6	478 035	5.5	1 859 294	9.6
1994	1 924 496	1.6	1 502 754	6.1	421 742	- 11.8	1 913 742	2.9
1995	2 102 737	9.3	1 559 429	3.8	543 308	28.8	2 074 929	8.4
1996	2 023 977	- 3.7	1 604 184	2.9	419 793	- 22.7	2 005 897	- 3.3
1997	2 074 064	2.5	1 704 759	6.3	369 305	- 12.0	2 066 751	3.0
1998	2 325 350	12.1	2 053 458	20.5	271 892	- 26.4	2 204 658	- 6.6
1999	2 218 135	- 4.6	2 004 394	- 2.4	213 741	- 21.4	2 217 846	0.6
2000	3 391 948	52.9	2 784 863	38.9	607 085	184.0	3 371 702	52.0
2001 ²	2 348 127	- 30.8	1 913 045	- 31.3	435 082	- 28.3	2 348 126	- 30.4

Note : ¹ Since 1971, the amounts of revenue and expenditure covered not only annual budget, but special budget were consolidated. For the special budget

²Due to the amendment of Budget law ,FY 2000 covers 18 months starting from Jul. 1999 to Dec. 2000.

³The figures are those of annual budget appropriation and figures of annexed budget are excluded.

expenditures of general governmentand nonreal¹

Net expenditures				Surplus or deficit					
Real		Nonreal		Total		Real		Nonreal	
Amount (Mil. N.T. \$)	Annual increase rate (%)	Amount (Mil. N.T. \$)	Annual increase rate (%)	Amount (Mil. N.T. \$)	As % of net revenue	Amount (Mil. N.T. \$)	As % of net revenue	Amount (Mil. N.T. \$)	As % of net revenue
60 930	17.3	2 738	- 5.1	2 700	4.1	2 447	3.7	253	0.4
76 872	26.2	2 984	9.0	9 781	10.9	5 409	6.0	4 372	4.9
87 044	13.2	2 890	- 3.2	25 898	22.4	23 010	19.9	2 888	2.5
123 558	41.9	2 878	- 0.4	7 598	5.7	2 753	2.1	4 845	3.6
146 593	18.6	3 401	18.2	16 109	9.7	9 531	5.7	6 578	4.0
187 661	28.0	4 832	42.1	1 335	0.7	- 7 437	- 3.8	8 772	4.5
221 480	18.0	5 420	12.2	6 744	2.9	- 5 312	- 2.3	12 056	5.2
246 888	11.5	7 823	44.3	32 709	11.4	29 671	10.3	3 038	1.1
340 362	37.9	5 034	- 35.7	23 526	6.4	353	0.1	23 173	6.3
425 732	25.1	7 489	48.8	4 486	1.0	- 14 020	- 3.2	18 506	4.2
487 253	14.5	6 488	- 13.4	- 2 974	- 0.6	- 32 792	- 6.7	29 818	6.1
489 895	0.5	8 264	27.4	2 996	0.6	- 28 779	- 5.7	31 775	6.3
506 224	3.3	12 825	55.2	15 105	2.8	9 687	1.8	5 418	1.0
546 338	7.9	17 391	35.6	12 310	2.0	- 3 736	- 0.6	16 046	2.8
616 718	12.9	15 943	- 8.3	3 543	0.6	- 31 880	- 5.0	35 423	5.6
641 911	4.1	20 224	26.9	45 708	6.5	8 292	1.2	37 416	5.3
726 468	13.2	25 462	25.9	100 700	11.8	38 971	4.6	61 729	7.2
1 207 351	66.2	32 203	26.5	142 979	10.3	- 285 776	- 20.7	428 755	31.0
1 097 518	- 9.1	69 229	115.0	36 424	3.0	- 5 117	- 0.4	41 541	3.5
1 275 613	16.2	141 012	103.7	22 061	1.5	- 225 682	- 15.7	247 741	17.2
1 561 930	22.4	134 186	37.1	14 685	0.9	- 304 362	- 17.8	319 047	18.6
1 756 306	12.4	102 988	- 23.2	35 075	1.9	- 339 972	- 17.9	375 047	19.8
1 826 367	4.0	87 375	- 15.2	10 754	0.6	- 323 613	- 16.8	334 367	17.4
1 910 066	4.6	164 863	88.7	27 808	1.3	- 350 637	- 16.7	378 445	18.0
1 843 786	- 3.5	162 111	- 1.7	18 080	0.9	- 239 602	- 11.8	257 682	12.7
1 878 763	1.9	187 988	16.0	7 313	0.4	- 174 004	- 8.4	181 317	8.7
1 992 593	6.0	212 065	12.8	120 692	5.2	60 865	2.7	59 827	2.6
2 050 004	2.9	167 842	- 20.9	290	0.0	- 45 609	- 2.1	45 899	2.1
3 140 936	53.2	230 766	37.5	20 246	0.6	- 356 074	- 10.5	376 319	11.1
2 158 954	- 31.3	189 172	- 18.0	1	-	- 245 909	- 10.5	245 910	10.5

Table 137. Net revenues and

B. By current

Items	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977
Net revenues, total	66 368	89 637	115 832	134 034	166 103	193 828
Current revenue	62 409	80 181	107 550	123 238	152 063	176 113
Taxes	41 034	53 093	80 915	84 389	106 983	122 698
Monopoly revenue	6 942	7 634	7 939	13 115	14 784	16 608
Income from public property & public enterprise	7 687	12 662	9 906	14 227	16 570	18 536
Profits of public properties	768	667	567	1 011	886	926
Fees	2 016	2 443	3 537	4 651	5 368	6 813
Fines and indemnities	706	1 025	1 523	1 836	2 258	2 929
Donations and contributions	76	41	45	125	241	238
Special assessments	114	184	397	289	467	1 033
Aid from counterpart funds	-	-	-	-	-	-
Miscellaneous revenues	3 066	2 432	2 722	3 597	4 506	6 333
Capital revenue	3 959	9 456	8 282	10 796	14 040	17 715
Sales of public properties	968	1 610	1 985	2 128	3 654	4 091
Return of properties	-	490	269	944	406	17
Value increment of properties	-	-	250	-	-	4
Public debts	1 900	2 901	900	400	4 600	3 106
Loans	701	1 225	744	1 009	1 913	1 524
Surplus of previous FY	390	3 230	4 134	6 314	3 466	8 973
Net expenditures, total	63 668	79 856	89 934	126 436	149 994	192 493
Current expenditure	47 528	56 476	62 780	82 914	95 699	111 953
Capital expenditure	16 140	23 380	27 153	43 521	54 296	80 540
General administration	8 264	8 279	12 248	19 377	17 859	22 493
Current expenditure	7 842	7 666	11 824	18 760	16 597	19 552
Capital expenditure	423	613	424	617	1 263	2 941
Nation defense	19 305	24 795	24 617	30 231	37 013	47 005
Current expenditure	18 448	23 682	23 203	28 432	35 433	44 508
Capital expenditure	857	1 112	1 413	1 799	1 581	2 497
Education science and culture	11 046	13 512	14 994	20 741	23 783	28 277
Current expenditure	8 531	10 635	11 415	16 244	18 700	20 623
Capital expenditure	2 515	2 877	3 579	4 497	5 083	7 654
Economic development	11 659	18 207	22 698	37 486	47 603	66 693
Current expenditure	2 364	2 868	4 388	4 819	5 882	6 852
Capital expenditure	9 295	15 339	18 310	32 667	41 721	59 841
Social welfare	8 102	8 663	9 719	12 657	16 940	20 428
Current expenditure	7 789	8 208	9 183	11 644	15 692	17 654
Capital expenditure	313	455	536	1 013	1 248	2 774
Community development & environmental protection	-	-	-	-	-	-
Current expenditure	-	-	-	-	-	-
Capital expenditure	-	-	-	-	-	-
Pension & survivors' benefits	-	-	-	-	-	-
Current expenditure	-	-	-	-	-	-
Capital expenditure	-	-	-	-	-	-
Obligations	3 728	4 046	3 887	3 835	4 163	5 426
Current expenditure	990	1 062	996	957	763	593
Capital expenditure	2 738	2 984	2 890	2 878	3 401	4 832
Miscellaneous expenditure	1 564	2 354	1 770	2 108	2 632	2 170
Current expenditure	1 564	2 354	1 770	2 058	2 632	2 170
Capital expenditure	-	-	-	50	-	-

Note : ¹ Before FY 1990, expenditure for "Community Development & Environment Protection" and "Pension & Survivor's Benefits" were included in the expenditure for "Social Welfare".

²The figures FY 2001 are those of annual budget appropriation and figures of annexed budget are excluded.

expenditures of general government (continued)

and capital

Millions of N.T. Dollars

FY 1978	FY 1979	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986
233 644	287 420	368 922	437 707	490 767	501 155	534 154	576 039	636 204
209 638	268 724	327 649	390 881	435 156	448 294	503 021	531 075	566 944
149 048	199 345	237 187	281 087	300 496	302 478	343 212	353 109	356 975
19 145	21 176	24 162	33 963	37 594	39 901	40 152	41 738	44 824
21 732	22 764	33 106	41 107	55 628	60 486	63 022	76 779	99 646
922	1 395	1 528	1 693	1 859	2 650	2 240	2 070	2 436
7 891	8 615	10 226	11 998	11 741	13 174	15 819	16 267	16 859
3 446	4 390	5 347	6 239	6 532	7 922	9 871	11 497	12 018
253	460	2 792	1 213	404	505	581	565	364
920	1 317	1 525	1 243	1 511	1 867	2 256	2 146	2 379
-	-	-	-	-	-	-	-	-
6 280	9 261	11 775	12 340	19 390	19 311	25 868	26 905	31 442
24 006	18 696	41 273	46 826	55 611	52 861	31 133	44 964	69 261
5 604	6 673	7 448	12 814	14 811	12 558	10 088	10 768	12 299
926	1 163	2 038	3 006	4 493	240	2 777	744	5 596
-	-	3 580	5 011	-	25	25	16	-
6 510	5 600	-	4 000	13 382	22 300	9 779	24 088	28 800
5 862	2 894	4 612	3 717	6 806	7 778	5 982	7 102	7 441
5 104	2 367	23 595	18 278	16 118	9 961	2 483	2 246	15 125
226 900	254 711	345 396	433 221	493 741	498 159	519 049	563 729	632 661
131 857	154 307	213 738	264 906	302 278	334 612	342 524	382 713	434 112
95 042	100 403	131 658	168 315	191 463	163 546	176 524	181 016	198 549
21 740	24 936	32 031	42 219	50 137	54 480	53 648	61 968	70 077
18 444	21 792	27 722	36 230	43 459	45 732	49 172	54 913	62 557
3 296	3 144	4 309	5 989	6 679	8 748	4 476	7 055	7 519
62 446	70 464	103 141	104 623	119 641	134 155	123 418	135 243	153 588
58 269	65 708	97 732	98 704	110 294	126 207	117 751	130 345	147 431
4 177	4 756	5 409	5 919	9 347	7 949	5 667	4 897	6 156
38 990	41 228	52 846	75 409	87 422	96 267	98 564	111 522	129 018
24 566	30 041	36 745	52 950	63 994	69 168	73 057	82 697	94 961
14 423	11 187	16 101	22 459	23 428	27 098	25 506	28 825	34 058
71 281	77 567	108 859	145 365	147 480	121 184	138 613	138 021	154 534
7 429	8 434	13 844	27 640	18 170	24 297	24 591	29 718	37 769
63 851	69 133	95 015	117 725	129 310	96 887	114 022	108 303	116 765
24 489	29 117	38 224	16 549	26 884	32 518	33 911	34 279	40 591
20 615	24 758	32 609	14 244	21 266	26 090	28 636	29 010	32 788
3 874	4 360	5 615	2 305	5 618	6 429	5 275	5 270	7 803
-	-	-	9 109	10 455	12 334	13 188	14 001	15 786
-	-	-	3 188	3 659	4 317	4 616	4 901	5 525
-	-	-	5 921	6 796	8 017	8 572	9 101	10 261
-	-	-	25 637	34 480	30 936	34 863	40 462	42 888
-	-	-	25 637	34 480	30 936	34 863	40 462	42 888
-	-	-	-	-	-	-	-	-
5 789	8 162	6 860	9 246	8 879	12 461	18 482	23 423	21 337
368	339	1 827	1 756	2 391	4 197	5 657	6 032	5 394
5 421	7 823	5 034	7 489	6 488	8 264	12 825	17 391	15 943
2 166	3 235	3 435	5 064	8 364	3 823	4 363	4 809	4 841
2 166	3 236	3 259	4 557	4 566	3 668	4 181	4 635	4 798
-	-	176	507	3 798	155	181	174	43

Table 137. Net revenues and

B. By current

Items	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Net revenues, total	707 843	852 630	1 382 533	1 203 171	1 438 686	1 710 802
Current revenue	629 488	737 872	890 664	1 053 410	997 536	1 218 653
Taxes	415 318	511 637	629 753	794 812	748 508	909 110
Monopoly revenue	46 137	46 409	47 666	52 921	60 113	58 513
Income from public property & public enterprise	102 626	111 727	128 210	121 418	94 835	141 045
Profit of public properties	2 135	3 024	3 886	3 916	5 949	7 582
Fees	18 917	22 087	24 863	25 364	23 846	34 403
Fines and indemnities	10 841	8 179	9 770	11 467	13 815	18 757
Donations and contributions	470	476	442	584	620	1 016
Special assessments	1 876	1 190	1 190	1 488	895	1 311
Miscellaneous revenues	31 167	33 143	44 885	41 441	48 955	46 915
Capital revenue	78 355	114 758	491 869	149 760	441 150	492 149
Sales of public properties	20 341	26 557	25 500	36 532	37 511	38 088
Return of properties	374	1 010	5 402	2 457	14 655	828
Value increment of properties	-	-	9	2	229	-
Public debts	48 339	76 540	117 397	15 831	145 003	312 903
Loans	8 457	9 504	313 138	72 885	136 605	89 133
Surplus of previous FY	844	1 147	30 422	22 053	107 147	51 197
Net expenditures, total	662 135	751 930	1 239 554	1 166 747	1 416 625	1 696 117
Current expenditure	443 239	485 901	577 967	702 812	823 188	919 058
Capital expenditure	218 896	266 029	661 587	463 935	593 438	777 059
General administration	72 074	80 222	97 299	125 786	153 278	198 348
Current expenditure	63 721	70 069	79 513	102 714	126 104	156 900
Capital expenditure	8 353	10 154	17 786	23 073	27 174	41 448
Nation defense	148 798	160 375	187 908	210 974	227 099	239 398
Current expenditure	141 637	147 759	177 805	202 347	219 436	224 357
Capital expenditure	7 162	12 615	10 103	8 627	7 663	15 041
Education science and culture	133 700	147 183	205 001	227 271	288 077	324 834
Current expenditure	100 599	109 510	128 254	155 812	184 695	207 284
Capital expenditure	33 101	37 673	76 747	71 460	103 382	117 550
Economic development	171 364	192 406	541 385	302 281	322 087	461 821
Current expenditure	36 606	37 035	50 538	49 178	49 334	62 831
Capital expenditure	134 758	155 370	490 847	253 103	272 753	398 990
Social welfare	37 085	55 169	65 488	96 207	117 772	135 040
Current expenditure	34 222	44 737	49 906	77 866	97 990	110 831
Capital expenditure	2 863	10 433	15 583	18 341	19 782	24 209
Community development & environmental protection	18 266	21 883	26 104	31 248	33 090	63 042
Current expenditure	6 393	7 686	9 136	11 282	12 733	17 407
Capital expenditure	11 873	14 197	16 967	19 966	20 356	45 635
Pension & survivors' benefits	47 724	55 242	61 983	76 246	88 320	94 975
Current expenditure	47 724	55 242	61 983	76 246	88 320	94 975
Capital expenditure	-	-	-	-	-	-
Obligations	27 213	33 462	42 904	85 984	174 411	168 123
Current expenditure	6 989	8 000	10 701	16 755	33 398	33 936
Capital expenditure	20 224	25 461	32 203	69 229	141 012	134 186
Miscellaneous expenditure	5 911	5 988	11 483	10 749	12 492	10 537
Current expenditure	5 348	5 862	10 132	10 611	11 177	10 537
Capital expenditure	563	126	1 351	137	1 315	-

expenditures of general government (continued)

and capital

Millions of N.T. Dollars

FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000 ²	FY 2001 ³
1 894 369	1 924 496	2 102 737	2 023 977	2 074 064	2 325 350	2 218 135	3 391 947	2 348 127
1 352 986	1 441 922	1 522 624	1 550 943	1 629 420	1 960 620	1 867 081	2 679 563	1 821 324
983 387	1 062 778	1 170 856	1 141 838	1 213 274	1 339 605	1 299 740	1 852 451	1 321 602
62 109	64 703	61 408	55 959	58 179	57 448	55 322	77 316	-
166 471	184 914	141 956	181 094	180 797	361 574	324 851	458 420	335 860
17 290	11 854	14 824	16 346	19 570	41 483	25 416	26 555	17 893
51 123	44 194	58 913	59 939	65 894	68 946	67 179	112 252	72 300
21 760	25 383	28 391	31 918	32 557	38 140	38 705	59 704	35 401
1 051	425	769	875	1 492	1 644	1 508	2 749	3 444
1 455	860	587	666	645	220	135	267	94
48 339	46 811	44 920	62 309	57 013	51 561	54 225	89 849	34 730
541 384	482 574	580 113	473 034	444 644	364 730	351 054	712 384	526 803
41 039	34 911	26 202	40 221	67 179	45 630	63 187	47 019	40 315
22 309	25 921	10 603	13 019	8 159	47 208	74 115	58 280	51 406
-	-	-	-	-	-	11	-	-
340 886	108 327	75 104	115 769	136 265	59 904	77 558	482 119	280 000
99 609	231 135	389 432	249 676	199 991	176 262	112 444	87 332	48 095
37 540	82 280	78 771	54 348	33 049	35 726	23 739	37 634	106 987
1 859 294	1 913 742	2 074 929	2 005 897	2 066 751	2 204 658	2 217 846	3 371 702	2 348 126
1 025 405	1 163 298	1 328 425	1 383 725	1 463 449	1 545 052	1 554 405	2 529 683	1 810 241
833 889	750 444	746 503	622 172	603 302	659 606	663 441	842 019	537 885
208 961	216 069	222 403	243 973	244 757	257 265	279 113	468 033	335 346
170 915	186 284	196 271	216 466	217 772	232 114	244 013	411 607	310 713
38 046	29 785	26 132	27 507	26 985	25 151	35 099	56 426	24 633
253 511	321 821	269 960	284 926	291 920	312 286	286 571	357 757	244 896
243 328	305 185	257 047	272 808	278 778	299 738	272 935	344 230	235 972
10 182	16 636	12 912	12 118	13 141	12 548	13 636	13 528	8 924
350 351	382 197	357 487	374 401	375 822	411 513	429 127	655 109	432 565
222 617	247 170	259 894	279 647	284 604	324 227	340 309	537 519	371 051
127 733	135 027	97 593	94 754	91 218	87 286	88 818	117 590	61 514
545 651	468 080	438 152	329 135	295 035	335 012	351 103	474 895	293 097
69 437	71 578	71 795	71 888	76 143	74 766	80 194	139 053	85 106
476 214	396 502	366 357	257 246	218 893	260 246	270 909	335 842	207 990
145 759	158 523	231 766	290 002	294 982	282 766	280 452	531 809	379 912
117 892	129 412	191 669	259 988	267 251	259 968	252 177	501 927	359 437
27 867	29 112	40 096	30 015	27 731	22 798	28 275	29 882	20 474
72 163	81 543	65 309	68 035	68 614	74 850	90 310	106 102	56 736
22 912	26 305	26 774	29 665	31 299	35 363	31 510	48 428	35 544
49 251	55 239	38 534	38 370	37 315	39 487	58 801	57 674	21 192
102 076	111 237	118 121	137 118	179 723	187 673	180 582	265 079	198 878
102 076	111 237	118 120	137 091	179 711	187 662	180 568	265 069	198 869
-	-	1	27	11	11	14	10	10
166 882	162 554	359 753	268 172	303 618	327 961	308 752	501 018	372 155
63 894	75 179	194 890	106 061	115 630	115 896	140 910	270 252	182 983
102 988	87 375	164 863	162 111	187 988	212 065	167 842	230 766	189 172
13 941	11 717	11 978	10 135	12 280	15 345	11 836	11 900	34 541
12 334	10 948	11 964	10 110	12 260	15 331	11 789	11 597	30 565
1 607	769	14	25	20	14	46	303	3 976

Table 138. Total tax

Items	FY 1972	FY 1973	FY 1974	FY 1975	FY 1976	FY 1977
Total	47 976	60 727	88 854	97 504	121 767	139 305
Taxes	41 034	53 093	80 915	84 389	106 983	122 698
National taxes	27 466	36 253	56 605	57 964	70 151	80 146
Customs duties	10 927	14 363	24 904	23 527	29 078	32 023
Salt tax	178	180	224	194	189	191
Mining lot tax	5	5	4	5	6	6
Income tax	6 219	7 732	13 777	16 373	18 373	22 527
Business income tax	3 354	4 366	8 048	9 286	10 892	13 634
Individual income tax	2 866	3 366	5 728	7 087	7 481	8 893
Estate and gift tax	106	125	105	149	263	357
Commodity tax	8 235	11 419	13 879	14 018	17 565	19 538
Stamp tax	1 575	2 076	3 201	3 560	4 436	5 271
Security transactions tax	9	64	103	137	241	232
Temporary tax on electric power	-	-	-	-	-	-
Other national tax	210	287	407	-	-	-
Provincial & city taxes	9 026	11 480	17 567	19 433	27 080	31 004
Land tax	3 557	4 589	5 358	6 236	11 312	13 261
Agricultural land tax	1 207	1 291	1 468	2 181	2 630	2 613
Land value tax	1 308	1 442	1 461	1 439	2 988	3 950
Land value increment tax	1 041	1 856	2 429	2 617	5 695	6 698
Business tax	3 044	3 763	5 737	7 246	8 863	10 393
Stamp tax	-	-	-	-	-	-
License tax	526	674	853	1 330	1 292	1 498
Harbour construction dues	1 899	2 454	5 619	4 621	5 613	5 851
Prefectural & municipal taxes	4 542	5 361	6 743	6 992	9 752	11 548
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
House tax	1 942	2 257	2 736	3 330	3 862	4 446
Slaughter tax	1 223	1 321	1 627	1 329	2 492	3 082
Amusement tax	272	259	328	395	493	633
Feast tax	308	323	414	476	620	788
Household tax	1	1	1	1	1	-
Deeds tax	796	1 200	1 637	1 461	2 285	2 600
Monopoly revenues	6 942	7 634	7 939	13 115	14 784	16 608

Note : ¹ Surtaxes and temporary taxes are included.

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

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

⁴ The figures FY2001 are the amounts of budgets.

revenues

Millions of N.T. Dollars

FY 1978	FY 1979	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	FY 1986
168 194	220 521	261 349	315 049	338 090	342 379	383 364	394 846	401 800
149 048	199 345	237 187	281 087	300 496	302 478	343 212	353 109	356 975
98 617	131 750	155 462	180 106	172 531	171 793	194 064	200 768	195 791
40 027	53 597	57 003	57 781	56 323	55 570	67 622	66 873	63 838
-	-	-	-	-	-	-	-	-
6	14	24	26	22	24	22	22	21
27 349	35 694	45 052	58 147	65 542	65 016	67 957	75 889	79 440
16 493	21 816	26 241	31 531	33 411	28 994	33 850	36 686	37 259
10 856	13 879	18 811	26 616	32 131	36 022	34 106	39 203	42 182
598	884	1 087	1 690	1 930	2 094	2 745	2 831	2 962
23 967	32 761	41 678	49 202	48 195	48 171	54 471	54 573	49 526
6 269	8 022	10 180	12 567	-	-	-	-	-
402	778	439	692	519	918	1 247	581	3
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
37 580	51 903	63 537	81 176	62 170	63 880	73 948	76 880	82 832
15 732	24 087	26 999	35 877	-	-	-	-	-
1 401	867	908	1 086	-	-	-	-	-
5 053	9 257	10 388	10 524	-	-	-	-	-
9 278	13 963	15 704	24 266	-	-	-	-	-
12 137	15 669	20 543	26 638	30 183	31 486	35 871	38 195	45 745
-	-	-	-	13 224	13 723	16 186	16 531	15 291
1 768	2 195	4 586	5 445	6 105	6 582	7 368	8 076	19 140
7 942	9 952	11 409	13 216	12 658	12 089	14 523	14 078	12 656
12 852	15 692	18 187	19 805	65 795	66 805	75 200	75 460	78 353
-	-	-	-	41 143	41 051	47 196	46 094	47 068
-	-	-	-	1 160	1 318	1 115	1 107	973
-	-	-	-	10 509	10 664	10 756	10 899	10 820
-	-	-	-	29 473	29 069	35 325	34 089	35 275
5 185	6 550	7 733	10 740	14 267	16 075	17 559	18 848	20 436
3 139	3 438	3 780	3 331	3 506	3 236	3 498	3 410	3 234
725	918	1 098	1 255	1 432	1 453	1 341	1 207	1 235
916	1 132	1 375	21	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2 887	3 654	4 201	4 458	5 447	4 990	5 605	5 901	6 381
19 145	21 176	24 162	33 963	37 594	39 901	40 152	41 738	44 824

Table 138. Total tax

Items	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992
Total	461 455	558 046	677 418	847 733	808 621	967 624
Taxes	415 318	511 637	629 753	794 812	748 508	909 110
National taxes	226 311	286 232	361 427	505 926	442 353	473 256
Customs duties	76 267	78 583	89 387	81 880	79 269	88 429
Salt tax	-	-	-	-	-	-
Mining lot tax	20	18	16	16	17	16
Income tax	91 339	123 122	157 063	225 752	193 743	216 150
Business income tax	44 819	61 063	80 139	110 209	82 994	97 186
Individual income tax	46 519	62 059	76 924	115 543	110 749	118 964
Estate and gift tax	4 221	4 772	4 873	6 490	6 496	12 874
Commodity tax	51 805	66 105	79 870	85 061	85 823	113 470
Tabacco and wine tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Security transactions tax	2 660	13 632	30 219	106 727	77 005	42 316
futures transactions tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Provincial & city taxes	90 687	100 900	109 012	145 367	145 114	173 385
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	62 173	73 733	77 785	111 886	122 447	147 008
Stamp tax	2 558	3 061	3 299	3 604	4 001	5 028
License tax	10 099	11 711	14 095	16 482	18 666	21 349
Harbour construction dues	15 856	12 394	13 833	13 395	-	-
Prefectural & municipal taxes	98 320	124 505	159 313	143 519	161 041	262 469
Land tax	65 416	90 173	123 948	105 556	121 624	217 645
Agricultural land tax	952	879	15	9	4	2
Land value tax	9 447	12 498	17 347	22 630	27 328	31 194
Land value increment tax	55 017	76 796	106 586	82 916	94 292	186 450
House tax	21 894	24 206	24 724	27 429	29 178	31 765
Slaughter tax	2 072	- 15	-	-	-	-
Amusement tax	1 088	897	663	642	625	782
Feast tax	-	-	-	-	-	-
Household tax	-	-	-	-	-	-
Deeds tax	7 851	9 244	9 978	9 892	9 614	12 277
License tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Monopoly revenues	46 137	46 409	47 666	52 921	60 113	58 513

revenues (continued)

Millions of N.T. Dollars

FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000 ³	FY 2001 ⁴
1 045 496	1 127 481	1 232 264	1 197 797	1 271 453	1 397 052	1 355 062	1 929 767	1 326 602
983 387	1 062 778	1 170 856	1 141 838	1 213 274	1 339 605	1 299 740	1 852 451	1 326 602
515 165	571 481	662 201	661 414	706 200	808 298	788 392	1 513 155	1 069 616
99 928	102 941	115 366	104 806	103 406	114 331	103 045	156 815	94 600
-	-	-	-	-	-	-	-	-
15	14	13	12	14	11	11	15	11
237 618	266 020	319 384	343 550	352 890	398 390	432 389	610 580	465 889
106 695	115 277	146 783	148 444	146 591	163 355	194 251	307 035	225 444
130 923	150 744	172 601	195 106	206 300	235 036	238 138	303 545	240 444
13 178	19 292	21 458	24 453	24 326	25 519	21 568	39 135	24 120
136 499	143 791	156 757	154 673	146 445	150 363	145 497	219 425	148 000
-	-	-	-	-	-	-	-	49 250
-	-	-	-	-	-	-	-	-
27 927	39 422	49 233	33 920	79 118	119 683	84 677	160 292	87 200
-	-	-	-	-	-	1 204	2 484	1 200
-	-	-	-	-	-	-	324 410	199 346
198 925	229 363	251 431	260 122	269 275	293 087	302 397	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
168 973	196 098	214 248	216 837	223 450	243 998	251 782	-	-
5 483	6 178	6 737	6 917	6 755	7 094	7 399	-	-
24 470	27 087	30 446	36 367	39 070	41 996	43 216	-	-
-	-	-	-	-	-	-	-	-
269 297	261 934	257 223	220 302	237 798	238 220	208 951	339 296	256 986
222 039	206 379	193 615	158 134	174 783	173 803	148 313	215 533	145 549
1	-	-	1	-	-	-	-	-
35 208	35 272	38 261	42 361	42 291	45 315	46 853	92 039	50 251
186 830	171 107	155 354	115 772	132 492	128 488	101 460	123 494	95 298
32 795	36 776	40 200	42 946	45 852	48 302	45 852	48 516	48 138
-	-	-	-	-	-	-	-	-
1 068	1 282	1 579	1 851	1 655	1 769	1 690	2 260	1 400
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
13 395	17 497	21 829	17 370	15 506	14 346	13 096	15 267	9 760
-	-	-	-	-	-	-	46 689	44 843
-	-	-	-	-	-	-	11 032	7 296
62 109	64 703	61 408	55 959	58 179	57 448	55 322	77 316	-

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, Taiwan District, 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 -- The quasi money is composed of time deposits, NCDS, time savings deposits, foreign currency deposits, foreign exchange proceeds deposits, foreign exchange trust fund and CDS in foreign currency held by enterprises and individuals. In addition, the bank debentures, savings bonds and treasury bill-b issued by CBC and held by the public were included. Beginning 1991, it also includes claims by postal savings system, including the time deposits redeposit in banks and NCDS & treasury bills-B issued by CBC.

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-b issued by CBC held by enterprises and individuals.

Table 139. Exchange rates, money supply and reserve money

End of Year	Exchange rates ¹ (N.T. Dollars per U.S. Dollar)		Money supply (M _{1B}) (Millions of N.T. Dollars)	Reserve money (Millions of N.T. Dollars)
	Buying	Selling		
1972	40.00	40.10	61 357	37 605
1973	37.90	40.10	92 268	48 600
1974	37.95	38.10	101 922	65 185
1975	37.95	38.05	131 227	75 557
1976	37.95	38.05	164 103	100 168
1977	37.95	38.05	219 188	123 384
1978	35.95	36.05	300 213	164 941
1979	35.98	36.08	323 417	168 433
1980	35.96	36.06	396 862	196 470
1981	37.79	37.89	451 560	240 426
1982	39.86	39.96	517 480	266 091
1983	70.22	40.32	612 902	315 510
1984	39.42	39.52	669 619	362 038
1985	39.80	39.90	751 469	421 605
1986	35.45	35.55	1 137 863	549 873
1987	28.50	28.60	1 563 139	699 800
1988	28.12	28.22	1 945 181	881 828
1989		26.160	2 062 782	1 155 479
1990		27.108	1 925 647	1 156 414
1991		25.748	2 158 413	1 265 325
1992		25.403	2 425 843	1 411 927
1993		26.626	2 797 140	1 501 442
1994		26.240	3 139 270	1 668 776
1995		27.265	3 163 101	1 638 073
1996		27.491	3 426 058	1 652 500
1997		32.638	3 715 252	1 641 343
1998		32.216	3 854 784	1 665 138
1999		31.395	4 507 180	1 643 316
2000		32.992	4 492 072	1 583 398
2001		34.999	5 025 860	1 456 050

Note : ¹ Before 1989, figures are spot rates fixed daily by Foreign Exchange Center. From 1989, figures are interbank closing rates.

Table 140. International liquidity

End of Year	International reserves minus gold (Millions of U.S. Dollars)		Gold reserves	
	Total	Foreign exchange	Millions of U.S. Dollars	Millions fine troy ounces
1972	952	952	...	2.289
1973	1 026	1 026	...	2.321
1974	1 092	1 055	...	2.301
1975	1 074	1 074	...	2.304
1976	1 516	1 516	...	2.234
1977	1 345	1 345	...	2.411
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

Table 141. Rates of

Effective date of change	Discounts	Accommodations with collateral	Accommodations without collateral	Import financing in foreign exchange ¹	Accommodations in foreign currencies ²	Accommodations for export financing (N.T. Dollars)
Mar. 22 1985	6.75	7.75	10.00	8.25	9.00	6.75
June 17 1985	6.25	7.25	10.00	7.75	8.50	6.25
Sept. 17 1985	5.75	6.75	9.75	7.75	8.50	5.75
Nov. 23 1985	5.25	6.25	9.50	7.50	8.25	5.25
Mar. 4 1986	4.75	5.75	9.00	7.00	7.75	4.75
Oct. 18 1986	4.50	5.50	9.00	6.75	7.50	4.50
Apr. 1 1989	5.50	6.50	10.00	-	8.50	5.50
Aug. 23 1989	7.75	8.75	12.00	-	8.50	7.75
July 15 1991	7.375	8.375	11.625	-	8.125	7.375
Sept. 10 1991	6.875	7.875	11.125	-	7.625	6.875
Sept. 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	-

Notes : ¹ It represents rate on foreign exchange financing for the importation of daily necessities for livelihood and of industrial raw materials, and this kind of facilities has been ceased since May 1, 1987.

² 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 of change	Discounts	Accommodations with collateral	Accommodations without collateral	Import financing in foreign exchange ¹	Accommodations in foreign currencies ²	Accommodations for export financing (N.T. Dollars)
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	-
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	-

Table 142. Stock price index and money market interest rates

Percent per annum

Year	Stock price index (1966=100)	Interbank call loans ¹	Money market rates, treasury bill rate		
			91 days	182 days	364 days
1986	944.74	3.98	2.46	3.10	3.75
1987	2 135.03	4.14	-	4.00	4.84
1988	5 202.21	4.88	4.52	5.13	5.55
1989	8 616.14	7.34	7.75	6.86	-
1990	6 775.32	10.49	6.53	-	-
1991	4 928.83	7.39	6.63	6.97	-
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

Note : ¹ 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 foreign banks	Medium business banks	Credit cooperatives	Credit dept. of farmers' and fishermen's assn.	Investment and trust companies
1986	8.24	7.47	9.62	9.35	9.23	9.44
1987	7.03	6.51	8.15	7.76	8.02	7.90
1988	6.40	6.63	7.41	6.88	7.26	7.54
1989	8.42	9.29	9.34	9.94	9.86	10.39
1990	10.41	11.96	11.82	12.09	11.51	13.24
1991	10.18	10.31	11.65	11.78	11.38	12.98
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

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		
1972 Outstanding	9 636	-	9 636	-	-
1973 Outstanding	10 114	-	9 714	400	-
1974 Outstanding	8 547	-	7 747	800	-
1975 Outstanding	9 027	1 600	5 727	1 700	-
1976 Outstanding	11 234	5 300	3 714	2 220	-
1977 Outstanding	11 643	7 100	1 993	2 550	-
1978 Outstanding	17 181	13 008	853	3 320	-
1979 Outstanding	20 550	13 017	273	7 260	-
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 {	Issues	457 000	437 000		20 000
	Redemption	79 031	73 423		5 608
	Outstanding	1 858 304	1 772 613		85 691

Table 145. Consolidated assets and liabilities

End of year	1992	1993	1994
Assets (net)= lia. & net worth (net)	11 007 782	12 555 039	14 359 961
Assets			
Foreign assets	2 561 710	2 717 182	2 989 057
Loans and discounts	7 273 237	8 433 887	9 901 911
Portfolio investments	1 022 081	1 235 380	1 295 786
Claims on other financial institutions	25 383	32 511	22 756
Real estate investments	11 842	11 204	11 247
Cash in vaults	113 529	124 875	139 204
Liabilities & net worth			
Foreign liabilities	385 623	421 623	508 925
Currency issued	549 668	595 262	646 193
Deposits held by enterprises & individuals	6 871 863	8 101 739	9 338 391
Government deposits	687 521	745 377	826 357
Due to other financial institutions	1 630 897	1 777 564	2 022 173
Bank debentures issued	90 324	87 009	94 164
TB, CDS & SB issued by CBC	181 685	103 000	90 600
Net worth	771 739	889 761	1 019 237
Other items (net)	- 161 538	- 166 296	- 186 079

Table 146. Consolidated assets and liabilities

End of year	1992	1993	1994
Assets (net)= lia. & net worth (net)	11 908 709	13 622 184	15 444 730
Assets			
Foreign assets	2 575 617	2 732 571	3 008 862
Loans and discounts	7 704 079	8 978 296	10 465 590
Portfolio investments	1 394 295	1 653 998	1 692 826
Real estate investments	112 016	122 665	128 554
Cash in vaults	122 702	134 654	148 898
Liabilities & net worth			
Foreign liabilities	385 623	421 623	508 925
Currency issued	549 668	595 262	646 193
Deposits held by enterprises & individuals	8 391 451	9 719 975	11 106 167
Government deposits	687 850	745 377	826 357
Trust funds	357 502	399 738	327 447
Life insurance reserves	615 420	776 439	952 197
Bank debentures issued	90 324	87 009	94 164
TB CDS & SB issued by CBC	181 685	103 000	90 600
Net worth	896 936	1 058 124	1 211 267
Other items (net)	- 247 750	- 284 363	- 318 587

of monetary institution

Millions of N.T. Dollars

1995	1996	1997	1998	1999	2000	2001
15 541 004	16 374 793	17 841 262	19 436 933	20 935 057	21 874 904	22 782 219
3 126 620	3 125 801	3 471 027	3 724 572	4 310 663	4 883 389	6 002 790
10 800 015	11 201 697	12 540 775	13 209 748	13 806 931	14 463 338	14 039 854
1 435 327	1 819 539	1 578 885	2 265 147	2 556 469	2 241 665	2 492 648
23 122	26 467	43 209	25 268	31 598	77 182	49 430
11 506	46 183	46 036	45 841	45 805	45 776	45 623
144 414	155 106	161 330	166 357	183 591	163 554	151 874
560 669	483 561	489 067	478 512	462 269	457 918	539 787
661 313	663 849	684 311	694 452	806 939	708 580	692 912
10 192 141	11 095 356	12 086 151	13 333 438	14 245 395	15 101 903	15 713 479
832 271	785 533	833 696	819 105	925 132	931 978	954 875
2 186 666	2 262 058	2 391 404	2 468 200	2 824 358	2 953 877	3 126 892
97 468	92 858	68 890	92 420	97 796	91 668	202 611
45 000	125 000	5 000	190 700	617 235	561 785	953 120
1 114 826	1 322 348	1 802 486	2 131 915	2 105 443	2 254 704	2 470 401
- 149 350	- 455 770	- 519 743	- 771 809	- 1 149 510	- 1 187 509	- 1 871 858

of financial institution

Millions of N.T. Dollars

1995	1996	1997	1998	1999	2000	2001
16 799 246	18 013 547	19 670 172	21 432 321	23 035 252	24 438 558	25 868 180
3 146 824	3 141 568	3 541 258	3 809 469	4 410 769	5 005 511	6 352 383
11 423 717	11 867 307	13 341 573	14 078 509	14 708 797	15 444 133	15 075 424
1 940 545	2 648 550	2 419 621	3 152 644	3 486 423	3 548 235	4 002 665
133 124	189 845	192 689	209 612	232 010	258 593	268 112
155 036	166 277	175 031	182 087	197 253	182 086	169 596
560 669	483 561	489 623	478 860	462 685	458 659	540 096
661 313	663 849	684 311	694 452	806 939	708 580	692 912
12 170 175	13 344 127	14 340 367	15 624 028	16 820 909	17 935 389	18 762 911
832 271	785 533	837 623	824 027	930 441	938 737	961 852
313 504	330 455	356 550	351 665	379 382	496 532	700 117
1 135 983	1 339 085	1 565 449	1 826 441	2 148 445	2 492 372	2 920 635
97 468	92 858	68 890	92 420	97 796	91 668	202 611
45 000	125 000	5 000	190 700	617 235	561 785	953 120
1 322 366	1 550 980	2 109 461	2 444 174	2 350 195	2 450 235	2 678 948
- 339 503	- 701 901	- 787 102	- 1 094 446	- 1 578 775	- 1 695 399	- 2 545 022

Table 147. Number

End of Year	Domestic general banks		Local branches of foreign banks in Taiwan	Credit co- operative associations	Credit departments of farmer associations	Credit departments of fishermen's associations
	Head office	Branch office				
1972	14	423	8	75	296	-
1973	14	436	9	75	296	-
1974	14	453	11	75	275	-
1975	15	465	12	74	275	-
1976	15	479	12	75	275	-
1977	15	480	12	75	277	4
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

of financial institutions

Medium business banks	The postal savings system		Investment and trust companies	Reinsurance corporation	Life insurance companies	Property & casualty insurance companies	Bills finance companies	Securities finance companies
	Head office	Branch office						
8	1	2 274	7	1	9	14	-	-
8	1	2 261	7	1	9	14	-	-
8	1	2 325	7	1	9	14	-	-
8	1	2 359	7	1	9	14	-	-
8	1	2 385	7	1	9	14	1	-
8	1	2 392	7	1	9	14	2	-
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	30	26	14	4
6	1	1 539	4	1	31	25	16	4
5	1	1 547	3	1	31	27	16	4
5	1	1 556	3	1	32	26	16	4
5	1	1 567	3	1	28	27	15	4

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 in Taiwan Area of the Republic of China*.

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 395 items for consumer prices, 976 items for wholesale prices, 217 items for import prices, 219 items for export prices and 103 items for construction cost. The investigation is conducted by correspondence inquiry. The price of domestic manufactured goods are surveyed by monthly inquiry mailing to selected companies except the prices of Agriculture, Forestry and Fishing goods are obtained from the digital transmission data dispatch by the Department of Agriculture and Forestry of Taiwan Provincial Government. 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 1996, a total of 395 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 1996, a total of 202 import categories; 217 items and 202 export categories; 219 items have been selected for pricing, an 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 *Commodity-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

1996 = 100

Items	1996	1997	1998	1999	2000	2001
General index	100.00	99.54	100.14	95.58	97.32	96.02
Domestic sales including imports	100.00	98.57	97.21	94.65	97.51	95.52
Domestic sales excluding imports	100.00	98.55	96.86	95.24	97.15	94.65
Imports	100.00	98.60	99.32	95.26	99.66	98.41
Exports	100.00	102.05	107.74	98.54	97.68	97.99
Basic group indices						
Agriculture, forestry, livestock & fishery products	100.00	88.68	96.83	102.69	91.78	87.42
Farm products	100.00	93.83	103.71	95.66	91.16	91.68
Forest products	100.00	98.28	96.51	109.33	111.06	117.74
Livestock & poultry	100.00	70.44	78.39	98.73	76.67	69.67
Aquatic products	100.00	97.52	96.89	108.66	101.98	90.69
Minerals products	100.00	112.49	104.97	120.31	149.56	148.92
Energy minerals	100.00	101.80	84.87	101.75	142.11	137.92
Manufacturing products	100.00	99.98	100.44	94.49	96.16	94.99
Foods & beverages	100.00	95.17	93.17	91.33	87.24	90.14
Tobaccos	100.00	102.50	103.34	103.34	103.34	103.64
Textile products	100.00	104.95	106.35	99.18	101.05	101.41
Ready-made apparel & accessories	100.00	104.43	117.41	113.87	111.31	113.23
Hides, skins, leather & related products	100.00	110.59	123.19	116.26	115.52	127.97
Lumber & wood products	100.00	104.92	106.34	107.92	104.95	109.66
Furniture & fixture	100.00	102.80	113.81	109.58	105.98	110.30
Pulp, paper & allied products	100.00	98.62	97.13	96.95	103.21	93.65
Chemicals	100.00	97.97	90.50	85.85	103.23	96.81
Chemical products	100.00	100.77	108.18	108.09	109.06	110.15
Petroleum & coal products	100.00	108.30	100.74	100.23	133.07	133.72
Rubber & plastic products	100.00	102.50	105.97	102.81	100.34	100.68
Nonmetallic mineral products	100.00	97.20	103.09	97.14	99.39	92.86
Primary metal	100.00	101.55	101.36	92.43	96.27	92.25
Metal products	100.00	100.16	105.47	99.96	101.69	105.29
Machinery	100.00	98.11	107.75	106.65	103.83	104.43
Electrical & Electronic Machinery	100.00	96.23	92.19	80.66	78.05	75.14
Transportation equipment & parts	100.00	99.04	103.40	103.45	103.37	102.81
Precision instruments	100.00	100.61	110.36	104.84	102.10	105.50
Miscellaneous products	100.00	103.86	113.43	107.79	105.94	108.05
Water supply, electricity & gas	100.00	101.21	101.62	100.57	102.65	102.78
Water supply	100.00	106.36	109.54	109.54	109.54	109.54
Electricity	100.00	99.54	99.72	99.72	99.72	99.72
Gas	100.00	110.40	110.31	100.90	119.47	120.63

Table 149. Indices of wholesale price by industry

1996 = 100

Groups	Agriculture, forestry livestock & fishery products	Mineral products	Manufacturing products	Chemical industrial products		Water supply, electricity & gas
				Non-heavy	Heavy chemical	
1987	74.90	97.79	96.46	93.31	97.29	114.58
1988	72.80	82.07	95.96	92.82	97.01	99.01
1989	77.34	84.60	94.87	91.67	95.98	100.13
1990	72.79	100.29	94.24	90.02	96.89	100.10
1991	72.54	89.72	94.78	89.94	98.58	100.24
1992	78.33	88.94	90.45	87.17	93.01	99.71
1993	84.32	85.81	92.67	89.15	95.43	98.88
1994	90.82	80.06	94.58	92.05	96.58	99.32
1995	94.38	89.38	101.92	98.94	104.28	99.99
1996	100.00	100.00	100.00	100.00	100.00	100.00
1997	88.68	112.49	99.98	101.44	98.83	101.21
1998	96.83	104.97	100.44	105.20	97.85	101.62
1999	102.69	120.31	94.49	101.99	90.75	100.57
2000	91.78	149.56	96.16	101.02	93.55	102.65
2001	87.42	148.92	94.99	102.00	91.45	102.78

Table 150. Indices of wholesale price by stage of processing

1996 = 100

Groups	Raw materials	Intermediate materials	Finished goods	Capital goods	Consumer goods	Consumer goods	
						Durable	Non-durable
1995	96.57	104.21	99.98	106.14	98.37	100.49	97.50
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	100.86	98.93	96.92	95.92	97.19	98.86	96.50
1998	100.68	96.27	97.83	100.34	97.37	100.00	95.89
1999	111.73	91.41	95.89	97.46	95.83	98.38	94.38
2000	118.06	95.93	94.55	94.65	95.11	98.84	93.38
2001	116.35	93.19	93.94	93.93	94.55	97.17	93.10

Table 151. Indices of consumer price by commodity quality

1996 = 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
1980	59.74	61.02	69.35	88.45	-	-	102.89	44.76
1981	69.48	70.60	80.06	99.63	74.58	99.62	106.59	54.40
1982	71.54	72.23	82.27	100.75	77.10	101.32	105.92	56.24
1983	72.52	73.23	82.79	100.44	77.55	99.85	107.08	57.86
1984	72.49	74.34	81.73	100.75	76.16	99.83	106.35	59.34
1985	72.38	75.16	80.41	99.91	74.77	99.05	104.46	60.95
1986	72.88	74.95	80.70	97.63	75.26	95.18	105.60	61.76
1987	73.26	75.02	80.65	96.00	75.47	93.10	104.67	62.74
1988	74.20	75.92	80.76	94.57	75.74	90.86	101.37	64.87
1989	77.48	78.50	83.19	93.52	78.90	89.66	99.03	69.34
1990	80.67	82.10	84.86	93.69	81.09	90.74	97.24	74.72
1991	83.60	86.37	85.97	95.55	82.44	94.43	96.92	80.21
1992	87.33	88.77	89.52	95.56	87.25	94.74	95.30	84.21
1993	89.90	91.27	90.80	95.23	89.22	94.88	95.98	88.61
1994	93.58	94.08	93.92	95.56	93.17	94.86	97.47	93.09
1995	97.02	97.30	97.24	98.17	96.71	97.44	99.65	96.71
1996	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1997	100.90	101.72	99.91	100.81	100.07	102.37	98.20	102.32
1998	102.60	102.51	101.34	99.62	103.29	103.23	96.51	104.44
1999	102.78	102.96	100.34	98.16	102.55	102.03	94.38	106.16
2000	104.07	104.69	101.11	99.52	103.89	105.91	93.05	108.13
2001	104.06	105.06	100.12	98.53	103.29	106.18	90.89	109.40

Table 152. Indices of consumer price

1996 = 100

Items	1996	1997	1998	1999	2000	2001
General index	100.00	100.90	102.60	102.78	104.07	104.06
Food	100.00	99.10	103.49	102.97	103.13	102.12
Rice & rice products	100.00	96.46	99.82	103.41	102.25	101.24
Flour & bakery products	100.00	101.38	105.13	106.51	106.34	106.64
Meat	100.00	91.73	93.67	103.13	96.35	93.30
Meat products	100.00	100.02	101.58	103.73	103.92	103.55
Eggs	100.00	91.03	102.91	103.47	92.46	91.17
Fish & shellfish	100.00	105.00	107.67	112.02	115.05	109.06
Processed fishes	100.00	99.20	97.43	96.19	96.16	96.86
Vegetables	100.00	95.01	113.21	92.53	99.10	98.93
Processed vegetables	100.00	97.81	96.50	96.98	98.60	95.66
Fruits	100.00	98.35	108.14	101.43	102.67	102.70
Processed fruits	100.00	101.37	104.92	108.60	109.85	108.53
Dairy products	100.00	102.74	107.76	108.24	107.38	108.91
Bean and bean products	100.00	101.18	101.01	102.60	105.06	103.54
Edible oil	100.00	100.05	103.61	104.40	102.18	100.22
Condiments	100.00	96.41	106.85	103.78	100.02	96.81
Alcoholic	100.00	109.88	110.56	110.59	110.18	109.99
Nonalcoholic beverages	100.00	100.31	100.74	100.85	99.99	99.40
Leisure and dissipation food	100.00	96.34	96.80	104.68	97.91	94.78
Cooked food	100.00	102.44	103.14	103.88	104.76	103.90
Food away from home	100.00	102.45	104.52	106.60	107.87	108.16
Clothing	100.00	100.73	95.59	94.28	94.58	93.00
Garments	100.00	101.44	95.50	94.59	95.40	93.87
Footwear	100.00	99.21	94.35	91.20	90.13	87.76
Apparel services & others	100.00	98.90	98.11	96.37	95.30	94.13
Housing	100.00	101.15	102.44	102.54	103.08	102.73
Residential rent	100.00	101.17	102.61	103.23	103.38	103.28
Maintenance & repairs	100.00	98.93	99.48	99.41	99.05	95.16
Household appliances	100.00	99.06	99.24	98.02	97.24	94.29
Household keeping services	100.00	102.66	106.94	107.37	110.50	115.38
Water, electricity & gas supply	100.00	104.19	104.01	102.25	105.92	106.27
Transportation & communication	100.00	101.21	100.10	99.33	102.70	103.87
Transportation equipment	100.00	98.62	96.94	96.18	95.80	95.26
Oils	100.00	107.54	105.81	102.06	116.76	118.99
Communication services	100.00	100.89	100.60	101.10	102.08	103.93
Medicines & medical care	100.00	102.36	103.32	106.91	110.93	112.41
Medical care services	100.00	102.98	104.51	110.39	117.07	119.81
Medicines & health food	100.00	101.37	102.69	103.60	103.94	103.76
Medical supplies & appliance	100.00	99.26	93.10	89.75	87.49	85.76
Education & entertainment	100.00	103.36	106.51	108.60	111.71	113.96
Educational expenses	100.00	104.49	108.59	112.09	116.45	120.71
Entertainment expenses	100.00	100.32	101.03	100.54	101.38	100.00
Miscellaneous	100.00	102.13	103.92	104.48	106.17	105.93
Tobacco	100.00	102.47	102.47	102.47	102.47	102.30
Cosmetic items	100.00	99.49	100.44	99.31	101.15	100.07
Beauty parlor services	100.00	104.41	108.46	110.75	111.96	111.55
Wedded & funeral expense	100.00	102.79	105.65	107.04	110.67	110.83

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

1996 = 100

Groups	1996	1997	1998	1999	2000	2001
General index	100.00	98.60	99.32	95.26	99.66	98.41
Foods and edible live animals	100.00	92.84	100.43	89.63	86.96	95.34
Beverages and tobaccos	100.00	103.36	116.10	114.16	110.88	116.32
Inedible crude materials, except fuels	100.00	103.04	108.49	101.53	104.02	106.79
Fuels and related materials	100.00	101.46	83.10	99.71	142.29	137.75
Chemicals and related products	100.00	98.38	97.16	92.68	106.73	101.37
Manufacturing goods classified by materials	100.00	102.57	107.04	97.09	99.71	101.78
Machinery and transport equipments	100.00	95.25	96.14	91.20	87.68	85.88
Miscellaneous products	100.00	98.59	105.43	102.03	99.01	95.76

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

1996 = 100

Groups	1996	1997	1998	1999	2000	2001
General index	100.00	102.05	107.74	98.54	97.68	97.99
Foods and edible live animals	100.00	97.36	109.86	125.97	95.40	83.94
Inedible crude materials, except fuels	100.00	97.87	92.93	76.85	85.95	86.77
Chemicals and related products	100.00	98.99	105.04	99.17	109.18	111.10
Manufacturing goods classified by materials	100.00	105.65	113.99	105.99	106.68	109.34
Machinery and transport equipments	100.00	98.06	99.33	87.25	84.78	83.80
Miscellaneous products	100.00	105.49	116.57	112.05	112.28	113.88

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
1972	312 467	114 388	26 664	87 724
1973	331 762	114 183	26 313	87 870
1974	351 235	116 588	27 951	88 637
1975	361 902	120 870	29 664	91 206
1976	371 871	123 765	30 713	93 052
1977	382 729	126 155	31 561	94 594
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

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
74 501	36 961	37 540	123 578	6 339	117 239
91 440	38 900	52 540	126 139	6 314	119 825
103 315	47 567	55 748	131 332	6 879	124 453
104 443	44 714	59 729	136 589	7 060	129 529
108 157	46 440	61 717	139 949	7 286	132 663
112 793	49 058	63 735	143 781	7 467	136 314
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

Table 156. Civil service

Year	Total	24	25-29	30-34	35-39
1972	312 467	23 607	44 372	45 397	37 712
1973	331 762	22 906	47 113	48 556	41 078
1974	351 235	33 596	53 547	50 591	43 144
1975	361 902	32 156	59 205	50 617	45 508
1976	371 871	29 212	64 741	51 342	48 801
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

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 (Years)
43 406	52 884	35 606	18 781	9 135	1 567	40.3
43 562	56 904	40 295	20 367	9 520	1 461	40.5
43 592	56 570	40 583	19 941	8 873	798	39.5
41 731	55 465	44 024	22 500	9 852	844	39.7
39 866	52 652	47 864	25 659	10 855	879	39.9
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

Table 157. Central

Year and kind of election	Population	Eligible voters	Date of balloting			Number of candidates		
			Year	Month	Day	Sub-total	Male	Female
1975 Legislators	15 878 529	8 410 775	1975	12	20	61 (127)	57 (...)	4 (...)
1980 National assemblymen Legislators	17 474 500 17 474 500	9 891 068 9 921 965	1980 1980	12 12	6 6	185 218 (287)	168 201 (...)	17 17 (...)
Control Yuan Members	-	175	1980	12	29	54 (75)	47 (...)	7 (...)
1983 Legislators	18 647 856	10 908 171	1983	12	3	171 (270)	149 (...)	22 (...)
1986 National assemblymen Legislators	19 405 473 19 405 473	11 790 344 11 814 315	1986 1986	12 12	6 6	169 137 (...)	144 125 (...)	25 12 (...)
1989 Legislators	20 040 882	12 600 901	1989	12	2	302 (...)	276 (...)	26 (...)
1991 2nd term National assemblymen	20 491 467	13 083 119	1991	12	21	627 (160)	551 (145)	76 (15)
1992 2nd term legislators	20 685 341	13 421 170	1992	12	19	348 (55)	312 (45)	36 (10)
1995 3rd term legislators	21 263 225	14 153 420	1995	12	2	332 (65)	292 (55)	40 (10)
1996 1st term President 3rd term National assemblymen	21 311 885 21 311 885	14 313 288 14 130 084	1996 1996	3 3	23 23	4 591 (156)	4 488 (133)	0 103 (23)
1998 4th term legislators	21 833 772	14 961 930	1998	12	5	397 (101)	333 (79)	64 (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 (129)	372 (102)	83 (27)

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

Number of elected officials			Turn-outs	Eligible voters as % of population	Turn-outs as % of eligible voters	Elected officials as % of candidates
Sub-total	Male	Female				
37 (15)	33 (15)	4 (-)	6 389 311	52.97	75.97	60.60
76 70 (27)	64 63 (26)	12 7 (1)	6 570 847 6 584 338	56.60 56.78	66.43 66.36	41.08 32.11
22 (10)	18 (8)	4 (2)	175	-	100.00	40.74
71 (27)	63 (27)	8 (-)	6 891 160	58.50	63.17	41.52
84 73 (27)	68 66 (26)	16 7 (1)	7 714 392 7 723 637	60.76 60.88	65.43 65.38	49.70 53.28
101 (29)	88 (28)	13 (1)	9 470 526	62.88	75.16	33.44
325 (100)	194 (89)	31 (11)	8 938 622	63.85	68.32	51.83
125 (36)	113 (32)	12 (4)	9 666 020	64.88	72.02	35.92
128 (36)	109 (32)	19 (4)	9 574 388	66.56	67.65	38.55
1 334 (100)	1 273 (82)	0 61 (18)	10 883 279 10 883 279	67.16 66.30	76.04 76.21	25.00 56.51
176 (49)	141 (41)	35 (8)	10 188 302	68.53	68.09	44.33
1	1	0	12 786 671	69.86	82.69	20.00
176 (49)	137 (38)	39 (11)	10 469 005	70.79	66.16	38.68

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 Governor 1st term	16 960 902	11 184 258	1994	12	3	5	5	0
Councilmen 5th term	13 309 932	6 510 074	1972	12	23	121	100	21
6th term	14 553 971	7 713 736	1977	11	19	125	102	23
7th term	14 471 287	8 146 652	1981	11	14	199	165	34
8th term	15 336 337	9 119 935	1985	11	16	158	130	28
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 Mayor 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
Councilmen 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
Kaohsiung Municipality Mayor 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
Councilmen 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
County magistrates or city mayors of Taiwan province 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

public office elections

Number of elected officials			Turn-outs	Eligible voters as % of population	Turn-outs as % of eligible voters	Elected officials as % of candidates
Sub-total	Male	Female				
1	1	0	8 405 930	65.94	76.15	20.00
73	61	12	4 578 738	48.91	70.33	60.33
77	64	13	6 201 850	53.00	80.40	61.60
77	67	10	5 860 993	56.30	71.94	38.69
77	64	13	6 573 359	69.47	72.08	48.73
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
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
1	1	0	746 469	65.55	80.58	20.00
1	1	0	807 996	69.09	80.41	25.00
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
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

by the government of the Republic of China

Persons

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
408	345	317	305	337	326	290	273	305	304	277
137	107	95	104	110	105	91	98	100	109	100
20	-	-	-	-	-	-	11	11	10	7
40	34	28	29	15	15	11	10	10	21	20
35	28	25	28	24	20	20	20	19	15	17
18	11	11	12	12	12	9	-	-	-	-
-	15	13	15	15	15	13	-	-	-	-
-	-	-	5	15	15	12	10	16	17	15
-	-	-	4	4	4	-	-	-	-	-
-	-	-	10	10	10	11	10	10	10	9
-	-	-	-	14	14	15	15	14	17	14
-	-	-	-	-	-	-	14	13	12	12
-	-	-	-	-	-	-	8	7	7	6
24	19	18	1	1	-	-	-	-	-	-
10	9	8	10	9	8	8	4	27	24	23
-	-	-	-	-	-	-	-	24	20	20
10	9	8	10	9	8	8	4	3	4	3
77	67	60	61	62	58	52	44	41	36	33
-	-	-	-	4	4	4	2	2	2	2
36	25	20	21	20	17	21	10	10	11	8
7	7	8	7	6	6	3	5	5	5	5
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	4	4	4	4
11	10	11	11	11	9	10	8	8	2	4
8	7	6	6	6	6	5	4	3	3	3
15	15	13	13	12	13	7	8	7	7	5
-	3	2	3	3	3	2	3	2	2	2
184	162	154	160	156	155	139	127	131	129	121
12	11	11	11	11	11	13	10	10	11	12
12	10	9	9	9	9	11	10	12	11	9
13	8	8	9	9	6	6	2	3	3	3
12	11	10	11	11	12	15	13	14	13	12
22	23	23	22	22	20	-	11	12	11	9
12	11	10	12	13	13	13	11	11	11	10
12	11	10	10	10	10	10	9	9	9	9
14	10	9	10	10	8	18	9	9	9	8
5	3	1	1	-	6	10	12	11	10	10
16	15	14	14	14	14	13	10	9	9	12
9	7	8	8	8	8	8	6	6	7	6
6	6	6	6	6	6	-	-	-	-	-
5	3	4	4	3	3	3	4	4	4	3
8	9	9	9	9	8	4	6	6	5	5
11	6	7	7	6	6	-	-	-	-	-
8	10	8	9	7	7	7	6	6	6	6
7	8	7	8	8	8	8	8	9	10	7
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	6	6	-
-	-	-	-	-	-	-	-	6	6	-

Table 160. Number of technical assistance participants dispatched

Persons

Fiscal Year	Total	Agriculture & natural resources	Industry & mining	Transportation & public construction	Public health & environmental protection	Education & employment training	Public security & public administration	Economic development	General and misc.
1972	47	8	11	3	2	-	12	3	8
1973	41	6	6	2	2	1	16	1	7
1974	57	20	17	3	5	1	7	2	2
1975	50	14	7	10	4	-	8	2	5
1976	60	14	17	10	3	1	11	1	3
1977	43	13	12	4	6	-	5	1	2
1978	54	7	18	5	2	-	11	5	6
1979	45	13	7	2	4	1	13	2	3
1980	64	19	17	5	2	2	13	-	6
1981	53	10	8	4	3	7	17	1	3
1982	62	14	13	2	3	13	13	-	4
1983	56	7	17	3	3	9	15	1	1
1984	78	14	15	3	6	14	23	-	3
1985	84	21	12	3	5	15	22	1	5
1986	83	10	6	1	6	17	27	8	8
1987	90	21	13	3	1	20	23	5	4
1988	103	20	12	1	5	14	33	7	11
1989	82	8	2	1	5	15	31	10	10
1990	86	14	15	3	5	14	23	3	9
1991	84	10	6	-	3	11	40	5	9
1992	105	6	12	4	3	10	51	5	14
1993	111	4	11	2	3	17	59	8	7
1994	92	9	18	2	3	7	34	14	5
1995	143	12	10	4	11	12	52	20	22
1996	131	11	7	5	4	10	48	33	13
1997	147	11	6	6	5	15	45	45	14
1998	106	10	4	5	2	9	27	34	15
1999	91	4	-	6	5	6	21	33	16
2000	56	4	4	3	8	2	2	9	24
2001	119	7	14	23	25	-	15	11	24