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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 1979 to 2008.

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 51st issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2008 *Statistical Yearbook* is placed before the list of contents in this publication.
2. The introduction to compilation methodology for each section of statistical tables is condensed to a maximum of two pages and put at the start of the related section.

This yearbook divided into 16 sections, and 161 tables. The table numbers contained in each section are arranged as follows :

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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 the 51st issue of the United Nations’
Statistical Yearbook and the 2008 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	33	107, 108	65	139
2	8	34	107, 108	66	144
3	106	35	109	67	not applicable
4	not applicable	36	107	68	not applicable
5	114	37	107	69	not applicable
6	117	38	not applicable		
7	120	39	not applicable		
8	8, 11	40	not applicable		
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12	15,16,17	44	not applicable		
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14	131	46	128		
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29	151, 152	61	135		
30	106	62	136		
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32	not applicable	64	127		

EXPLANATION OF SYMBOLS

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

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

Thousands and millions are separated by a space.

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

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LAND AND CLIMATE

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

The size of Taiwan Area, calculated at the time of full tide, is 35,961.2125 square kilometers which excludes the reclaimed tidal land. The data of reclaimed tidal land is provided in the table for reference only. The cultivated land contains all types of registered land and unregistered land, including reclaimed river bed, reclaimed tidal land, slope-land, and virgin land, which have been used for farming purposes. Before 1995, data of forest land area is obtained from an aerial survey from 1973 to 1977 while data of 1995 was from survey from 1983 to 1994; however, the data prevailing before the survey is still cited for the Penghu District because Penghu was not covered by the aerial survey. The climatic observation time adopts the central standard time at the meridian 120° E except the number of sunshine hours for which apparent solar time is used. Each climatic observatory conducts general observation for eight times a day once every three hours from 2 a.m. The number of days with precipitation refer to the days in each of which the rainfalls amount to one-tenth of millimeter and above. The seismic data are collected by the Seismic Observation and Reporting Center of the Central Weather Bureau from its 24-hour observation of the region from 21° to 26° North Latitude and from 119° to 123° East Longitude.

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

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

km²

Year	Area ¹			Cultivated ² land area	Forest land area
	Total	Land area	Reclamation		
1979	36 179.12	36 140.27	38.85	9 153.93	18 651.41
1980	36 179.12	36 140.27	38.85	9 073.53	18 651.41
1981	36 179.12	36 140.27	38.85	9 000.62	18 651.41
1982	36 179.12	36 140.27	38.85	8 908.30	18 651.41
1983	36 179.12	36 140.27	38.85	8 943.26	18 651.41
1984	36 179.12	36 140.27	38.85	8 916.55	18 651.41
1985	36 179.12	36 140.27	38.85	8 876.60	18 651.41
1986	36 181.92	36 143.07	38.85	8 874.51	18 651.41
1987	36 181.92	36 143.07	38.85	8 862.81	18 651.41
1988	36 181.92	36 143.07	38.85	8 949.74	18 651.41
1989	36 181.87	36 143.02	38.85	8 946.01	18 651.41
1990	36 181.87	36 143.02	38.85	8 900.90	18 651.41
1991	36 181.87	36 143.02	38.85	8 844.43	18 469.70
1992	36 181.87	36 143.02	38.85	8 759.51	18 469.70
1993	36 181.87	36 143.02	38.85	8 745.35	18 662.08
1994	36 181.87	36 143.02	38.85	8 723.07	18 662.08
1995	36 181.87	36 143.02	38.85	8 733.78	21 023.12
1996	36 181.87	36 143.02	38.85	8 721.59	21 017.19
1997	36 188.04	36 149.19	38.85	8 648.17	21 017.19
1998	36 188.04	36 149.19	38.85	8 587.56	21 017.19
1999	36 188.04	36 149.19	38.85	8 550.73	21 017.19
2000	36 188.04	36 149.19	38.85	8 514.95	21 017.19
2001	36 188.04	36 149.19	38.85	8 487.43	21 017.19
2002	36 188.04	36 149.19	38.85	8 473.34	21 017.19
2003	36 188.04	36 149.19	38.85	8 440.97	21 017.19
2004	36 188.04	36 149.19	38.85	8 355.07	21 017.19
2005	36 188.04	36 149.19	38.85	8 331.76	21 017.19
2006	36 188.04	36 149.19	38.85	8 295.27	21 017.19
2007	36 189.51	36 150.66	38.85	8 259.47	21 017.19
2008	36 189.51	36 150.66	38.85	8 223.64	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	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
1979	22.3	22.1	22.1	22.3	22.4	22.9	23.1	19.1	10.3	24.7	24.5
1980	22.1	22.6	22.5	22.3	22.4	23.1	23.4	19.6	10.9	25.0	25.2
1981	22.1	22.5	22.5	22.2	22.3	22.8	23.1	19.1	10.9	25.0	25.2
1982	22.1	22.4	22.4	22.1	22.3	22.8	23.3	19.1	10.8	24.8	24.8
1983	22.5	22.7	22.7	22.5	22.5	22.9	23.0	19.1	10.9	24.7	24.9
1984	22.0	22.0	22.0	21.9	21.8	22.5	22.6	19.1	10.7	24.3	24.5
1985	22.3	22.0	22.6	22.0	22.1	22.6	23.1	19.3	10.8	24.2	24.7
1986	22.2	21.6	22.4	22.1	21.6	22.7	22.8	18.9	10.6	24.4	24.2
1987	22.6	21.9	23.0	22.5	22.4	23.1	23.6	19.6	11.3	25.1	25.3
1988	22.6	21.7	23.1	22.3	22.1	22.9	23.4	20.0	11.2	24.9	25.2
1989	22.3	21.9	23.1	22.2	22.0	22.9	22.9	19.1	10.4	24.9	24.8
1990	22.2	22.6	23.5	22.7	22.6	23.2	23.3	19.5	10.9	25.1	25.1
1991	22.6	22.3	23.5	22.5	22.3	23.5	23.5	19.4	11.1	25.3	25.1
1992	22.2	21.4	22.3	21.6	21.9	22.9	23.1	18.7	10.5	24.9	25.0
1993	22.7	22.1	22.7	22.2	22.3	23.4	23.4	19.2	10.9	25.1	25.2
1994	23.0	22.3	23.2	22.5	22.8	23.5	23.9	19.3	11.3	25.2	25.4
1995	22.2	21.6	22.3	21.9	22.0	22.9	23.1	18.8	10.9	24.6	24.9
1996	22.4	21.6	22.5	22.2	22.2	23.2	23.4	19.1	11.1	24.8	25.0
1997	22.5	21.8	22.5	22.1	22.4	23.4	23.3	19.0	10.9	25.0	25.0
1998	23.6	22.5	23.6	23.4	23.4	24.3	24.3	19.9	12.0	25.8	26.0
1999	22.9	22.3	23.0	22.5	22.7	23.7	23.6	19.3	11.4	25.2	25.1
2000	22.8	22.4	23.2	22.6	22.9	23.7	23.7	19.1	11.3	25.1	25.3
2001	23.0	22.3	23.3	22.7	22.8	23.6	23.7	19.2	11.5	25.1	25.2
2002	23.3	22.7	23.8	23.2	23.1	24.1	23.9	19.2	11.4	25.6	25.4
2003	23.1	22.4	23.5	23.0	22.7	23.9	23.6	19.3	11.1	25.4	25.3
2004	22.6	22.0	23.1	22.6	22.5	23.4	23.3	19.1	11.0	25.2	25.1
2005	22.3	22.0	23.3	22.5	22.6	23.3	23.4	19.0	11.6	25.0	25.0
2006	22.9	22.5	23.8	22.9	23.2	23.8	23.7	19.5	11.8	25.7	25.9
2007	22.9	22.5	23.6	23.1	23.2	23.8	23.9	19.5	11.7	25.5	25.8
2008	22.7	22.3	23.2	22.8	23.0	23.5	23.6	19.3	11.2	25.1	25.4

Table 3. Average relative humidity

%

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao- hsiung	Heng- chun
1979	81	79	78	81	82	75	75	82	89	80	76
1980	82	81	77	81	84	74	77	81	88	77	75
1981	82	81	78	81	83	77	80	83	88	76	77
1982	82	81	79	81	83	77	76	83	88	77	77
1983	83	80	80	81	82	77	79	83	87	77	78
1984	85	82	82	82	86	77	79	83	89	77	77
1985	86	82	82	83	87	78	79	83	87	78	77
1986	79	82	77	79	86	77	78	84	85	77	76
1987	80	84	77	80	85	78	76	82	82	78	74
1988	77	83	77	81	84	78	78	82	83	77	75
1989	77	83	78	81	84	76	80	83	82	75	75
1990	80	82	74	81	84	76	81	84	85	76	78
1991	80	80	73	80	84	75	78	83	85	73	76
1992	78	82	77	80	84	76	76	82	87	74	75
1993	76	78	76	79	83	75	75	80	84	73	77
1994	75	79	75	77	81	75	75	81	87	75	77
1995	76	80	74	77	83	74	78	79	88	75	76
1996	77	78	75	77	83	75	79	79	87	76	76
1997	78	80	78	80	82	76	81	83	86	78	77
1998	77	82	78	80	84	76	82	84	84	79	75
1999	76	78	77	77	85	75	80	82	83	78	75
2000	78	80	78	79	83	77	81	82	87	78	75
2001	76	79	77	78	82	75	79	81	87	76	75
2002	72	78	76	77	80	73	77	82	87	75	72
2003	74	77	76	77	80	72	77	81	85	74	72
2004	74	80	75	78	77	73	77	82	83	73	71
2005	75	80	76	76	78	77	77	84	91	76	74
2006	77	81	76	76	79	77	76	83	92	76	73
2007	76	79	76	75	80	74	77	81	89	75	72
2008	76	78	75	75	76	75	78	80	89	75	74

Table 4. Precipitation at station

mm

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
1979	3 193	2 208	2 334	1 773	2 139	1 561	1 266	2 562	4 118	1 481	2 080
1980	3 515	1 766	2 162	1 280	2 153	1 014	1 724	1 576	2 240	573	989
1981	3 799	2 335	2 290	2 428	2 781	2 235	2 229	2 989	4 117	2 277	2 329
1982	3 241	2 130	2 047	1 809	2 285	1 525	1 649	2 178	3 503	1 695	1 664
1983	3 464	1 988	2 252	2 345	2 729	1 743	1 556	2 500	4 071	2 231	1 772
1984	4 836	2 621	2 711	1 962	3 238	1 548	2 246	2 198	3 166	1 629	2 194
1985	4 323	2 319	2 488	1 976	3 280	2 074	2 496	2 823	4 133	1 996	2 418
1986	4 587	2 546	2 606	2 226	2 914	1 529	2 396	2 507	3 476	1 622	1 707
1987	4 260	2 270	2 219	1 488	2 394	1 394	2 328	2 432	3 588	1 554	2 164
1988	4 556	2 252	2 817	1 422	4 279	1 212	2 997	2 025	3 667	1 936	2 115
1989	3 598	2 088	2 269	1 613	2 885	1 639	2 230	2 348	3 655	1 383	1 960
1990	4 452	2 823	2 913	2 223	2 942	2 043	3 003	2 973	5 019	1 834	2 127
1991	3 303	1 535	2 216	1 207	2 546	979	1 795	1 543	3 094	1 810	2 450
1992	3 668	2 585	2 392	1 785	2 731	1 621	2 523	2 435	4 628	1 974	1 697
1993	3 054	1 487	1 741	1 353	1 938	1 111	989	1 852	2 642	1 084	994
1994	3 459	2 033	2 044	1 837	3 105	2 028	1 998	2 595	4 038	2 470	1 651
1995	2 882	1 669	1 717	1 211	2 291	1 376	2 182	2 240	2 673	1 134	2 099
1996	3 932	1 899	2 253	1 605	2 964	1 616	2 708	2 444	4 647	1 107	1 401
1997	3 203	2 079	2 595	1 960	1 836	1 976	1 506	2 438	3 611	2 118	1 866
1998	5 438	2 865	4 405	2 088	4 945	2 177	3 558	3 063	4 364	2 434	2 650
1999	2 747	1 373	1 958	1 157	2 197	1 390	1 677	2 334	3 075	2 764	3 100
2000	5 404	2 644	2 744	1 756	4 212	1 797	2 461	1 955	3 093	1 569	2 327
2001	3 642	2 679	2 862	2 293	3 522	1 981	2 569	2 206	4 017	2 557	2 495
2002	2 607	1 178	1 346	1 091	1 651	1 316	1 062	1 456	2 197	1 038	1 614
2003	2 156	968	1 193	878	1 413	931	1 349	1 479	2 299	1 326	1 882
2004	3 886	2 302	2 830	2 262	2 557	2 261	1 983	2 405	4 192	1 440	1 550
2005	4 241	2 778	3 028	2 384	3 330	2 575	2 777	3 005	5 801	2 821	2 339
2006	3 724	2 591	2 288	2 128	2 730	2 172	1 901	3 229	5 331	2 046	1 690
2007	4 064	2 673	3 016	1 964	3 115	2 433	2 526	2 822	5 043	2 194	2 140
2008	3 674	2 576	2 969	2 167	2 846	2 478	2 312	3 851	5 887	2 591	2 005

Table 5. Number of days with precipitation

Year	Days										
	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
1979	213	144	163	149	203	121	160	158	173	87	149
1980	202	154	160	139	206	97	151	130	161	69	132
1981	198	174	151	135	199	110	169	144	154	97	145
1982	206	153	160	141	199	111	167	144	142	79	127
1983	218	178	183	146	204	131	171	183	174	114	147
1984	236	198	213	160	223	120	176	174	174	90	128
1985	222	179	181	145	213	123	188	189	197	99	146
1986	221	153	164	128	212	110	178	166	169	93	130
1987	204	146	155	122	190	111	154	151	157	79	108
1988	220	171	170	135	219	124	160	179	169	88	121
1989	203	166	164	117	199	107	166	147	160	88	126
1990	218	156	159	132	228	106	179	154	157	90	127
1991	200	152	157	117	186	93	145	141	155	88	108
1992	194	177	184	132	200	133	162	177	179	98	118
1993	187	160	165	106	198	96	142	140	146	76	81
1994	181	157	150	113	200	122	138	156	168	90	101
1995	187	161	157	111	183	105	137	140	149	78	98
1996	191	163	169	112	187	110	150	150	147	85	102
1997	184	162	157	114	188	115	132	160	161	95	110
1998	212	186	201	136	196	134	148	178	176	114	122
1999	206	157	163	104	216	119	146	164	163	105	130
2000	208	169	174	121	220	110	161	153	163	88	112
2001	204	170	174	119	189	121	152	151	157	91	104
2002	161	136	136	99	159	101	126	130	134	71	91
2003	150	123	127	88	145	74	110	122	135	66	92
2004	168	146	155	115	169	94	122	129	131	69	82
2005	195	161	172	131	188	127	147	171	163	96	104
2006	195	154	167	121	204	132	161	169	174	81	97
2007	195	162	169	119	204	128	157	168	174	97	113
2008	187	144	168	122	194	126	185	160	177	96	105

Table 6. Duration of sunshine

Hours

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
1979	1 282	1 513	1 548	1 890	1 515	2 099	1 592	1 678	1 720	1 883	2 433
1980	1 260	1 511	1 464	1 932	1 453	2 228	1 643	1 849	1 812	2 167	2 701
1981	1 250	1 481	1 415	1 807	1 322	2 042	1 394	1 664	1 747	2 113	2 528
1982	1 320	1 560	1 476	1 846	1 376	2 074	1 398	1 648	1 707	2 018	2 311
1983	1 269	1 497	1 356	1 810	1 431	2 012	1 579	1 632	1 617	2 104	2 378
1984	1 206	1 308	1 253	1 587	1 321	2 090	1 430	1 683	1 629	2 323	2 308
1985	1 154	1 378	1 292	1 634	1 325	2 080	1 428	1 648	1 497	2 429	2 198
1986	1 288	1 596	1 425	1 869	1 299	2 122	1 413	1 620	1 676	2 276	2 294
1987	1 323	1 679	1 387	1 728	1 388	2 173	1 467	1 739	1 744	2 237	2 372
1988	1 174	1 522	1 311	1 684	1 268	2 033	1 274	1 676	1 809	2 220	2 361
1989	1 175	1 368	1 353	1 686	1 292	2 014	1 410	1 683	1 747	2 133	2 251
1990	1 119	1 371	1 387	1 636	1 176	1 956	1 294	1 574	1 562	1 870	2 076
1991	1 177	1 373	1 343	1 613	1 337	2 066	1 465	1 615	1 602	2 124	2 236
1992	1 007	1 302	1 311	1 601	1 234	1 771	1 406	1 450	1 428	1 939	2 225
1993	1 188	1 598	1 463	1 886	1 436	2 106	1 500	1 869	1 624	2 201	2 259
1994	1 300	1 633	1 452	1 875	1 382	2 069	1 534	1 597	1 521	2 049	1 816
1995	1 157	1 528	1 365	2 003	1 255	2 025	1 464	1 682	1 577	2 139	1 978
1996	1 344	1 672	1 559	2 099	1 418	2 103	1 562	1 871	1 620	2 219	2 387
1997	1 267	1 534	1 362	1 720	1 387	2 006	1 388	1 657	1 477	1 997	2 088
1998	1 117	1 346	1 187	1 648	1 345	1 882	1 472	1 594	1 471	2 075	2 254
1999	1 100	1 454	1 139	1 697	1 356	1 942	1 430	1 519	1 396	1 939	2 104
2000	1 248	1 514	983	1 725	1 400	2 114	1 475	1 574	1 480	2 016	2 091
2001	1 398	1 597	1 497	1 848	1 469	2 169	1 579	1 543	1 586	2 231	2 266
2002	1 573	1 744	1 624	1 828	1 515	2 255	1 586	1 598	1 519	2 489	2 350
2003	1 549	1 800	1 658	2 110	1 519	2 346	1 677	1 797	1 577	2 515	2 395
2004	1 553	1 786	1 614	2 016	1 483	2 250	1 803	1 799	1 638	2 574	2 392
2005	1 349	1 483	1 397	1 682	1 431	1 805	1 544	1 546	1 491	2 329	2 174
2006	1 312	1 514	1 382	1 822	1 441	1 892	1 483	1 540	1 338	2 261	2 294
2007	1 244	1 549	1 413	1 879	1 486	1 963	1 576	1 599	1 449	2 365	2 282
2008	1 364	1 717	1 605	1 949	1 548	1 953	1 631	1 625	1 343	2 283	2 165

Table 7. Number of occurrence of perceptible earthquake

Numbers									
Year	Total	Taipei Area	Yilan Area	Taichung Area	Hualien Area	Chianan Area	Taitung Area	Kaoping Area	Other Areas
1979	140	14		4	58	14	46	4	-
1980	112	12		4	57	10	25	4	-
1981	134	12		4	66	6	41	3	2
1982	181	12		4	112	7	39	4	3
1983	118	10		6	46	8	43	5	-
1984	78	12		3	31	4	27	1	-
1985	118	24		7	48	8	30	1	-
1986	761	66		5	638	8	43	1	-
1987	141	8		2	89	10	29	1	2
1988	202	26		6	129	12	25	1	3
1989	60	3		6	27	5	19	-	-
1990	294	4		3	269	5	10	2	1
1991	403	-	13	9	198	107	48	28	-
1992	384	3	25	18	229	27	64	18	-
1993	409	2	20	12	186	82	69	38	-
1994	1 183	4	60	50	789	78	61	135	6
1995	1 048	3	53	20	558	168	201	42	3
1996	674	3	34	19	241	112	194	71	-
1997	676	1	40	24	350	89	129	43	-
1998	741	5	63	31	308	141	132	57	4
1999	2 945	3	47	1 265	659	666	98	207	-
2000	1 457	-	26	354	525	307	116	126	3
2001	990	1	26	129	311	188	102	232	1
2002	1 668	5	325	115	912	114	121	75	1
2003	1 207	3	30	68	362	143	539	60	2
2004	709	4	34	50	215	77	272	56	1
2005	1 105	5	156	37	618	77	167	44	1
2006	785	3	27	46	195	60	366	84	4
2007	① 583	① 3	① 24	① 37	① 225	① 82	① 154	① 57	1
2008	651	5	35	27	248	103	165	63	5

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

POPULATION AND HOUSING

This chapter is concerned with population and housing. On the front of population, it contains information on population growth as well as the current status and projections of population. The population projections are obtained from the *Projections of the population of the Taiwan Area, Republic of China 2008 to 2056* prepared by the Manpower Planning Department of Council for Economic Planning and Development, Executive Yuan. Other population statistics come from the *Taiwan-Fukien Demographic Fact Book, R.O.C.*, the *Taiwan-Fukien Demography Quarterly*, and the *Abridged Life Tables of Taiwan Area, the Republic of China*, published by the Ministry of the Interior, and the *Report on Population and Housing Census, Taiwan-Fukien Area, R.O.C.*, published by Census Office of the Executive Yuan. Data on living standards of households are obtained from the personal income distribution survey (Please refers to the chapter on national economy for details.)

The population statistics mainly come from the household registration and the household/population census. According to the provisions of laws and regulations, the registered population refers to all of the R.O.C. nationals maintaining household registration in Taiwan-Fukien Area. The demographic data can be divided into two types: i.e., static year-end stocks and dynamic changes about registered population. Included in the first type are demographic data on composition in sex, in age and population by education, marital status, industry, occupation, and employment status. Contained in the seconds type is data concerning birth, death, marriage, divorce, and migration. All of the static demographic data were based on the fact registered as of December 31, except for statistics about population classified by economic activities, industries, occupations, and employment status that were based on the fact prevailing in the period from December 1 to 31. An annual year-end household check, except for the census year, has been conducted to correct errors, omissions, and other incorrect data, in an effort to make demographic statistics more accurate and reliable. The population projection, designed to provide data required by the government in drawing up its national economic plans as well as in formulating its policies, adopts the cohort-component approach by which moving projection is calculated separately for each age group with a compute program derived from one used by the US. Census Bureau in its projection of population for a specific age.

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

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

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

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

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

End of Year	Population			Annual rate of increase (%)	Sex ratio (Female=100)	Average persons per household	Density (Persons/km ²)	Natural increase rate (‰)
	Both sexes	Male	Female					
1979	17 479 314	9 126 925	8 352 389	2.01	109.3	4.86	485.5	19.68
1980	17 805 067	9 288 199	8 516 868	1.86	109.1	4.76	494.6	18.61
1981	18 193 955	9 479 508	8 714 447	1.84	108.8	4.66	502.9	18.13
1982	18 515 754	9 636 285	8 879 469	1.77	108.5	4.58	511.8	17.31
1983	18 790 538	9 769 572	9 020 966	1.48	108.3	4.52	519.4	15.68
1984	19 069 194	9 904 853	9 164 341	1.48	108.1	4.48	527.1	14.85
1985	19 313 825	10 023 344	9 290 481	1.28	107.9	4.42	533.8	13.23
1986	19 509 082	10 114 710	9 394 372	1.01	107.7	4.34	539.2	11.03
1987	19 725 010	10 217 434	9 507 576	1.11	107.5	4.24	545.2	11.10
1988	19 954 397	10 328 081	9 626 316	1.16	107.3	4.14	551.5	12.09
1989	20 156 587	10 424 102	9 732 485	1.01	107.1	4.06	557.1	10.57
1990	20 401 305	10 540 635	9 860 670	1.21	106.9	4.00	563.9	11.34
1991	20 605 831	10 640 276	9 965 555	1.00	106.8	3.94	569.5	10.52
1992	20 802 622	10 734 609	10 068 013	0.96	106.6	3.88	575.0	10.20
1993	20 995 416	10 824 161	10 171 255	0.93	106.4	3.82	580.3	10.27
1994	21 177 874	10 907 032	10 270 842	0.87	106.2	3.75	585.3	9.91
1995	21 357 431	10 990 657	10 366 774	0.85	106.0	3.67	590.3	9.90
1996	21 525 433	11 065 798	10 459 635	0.79	105.8	3.57	594.9	9.47
1997	21 742 815	11 163 764	10 579 051	1.01	105.5	3.50	600.8	9.48
1998	21 928 591	11 243 408	10 685 183	0.85	105.2	3.44	606.0	6.79
1999	22 092 387	11 312 728	10 779 659	0.75	105.0	3.38	610.5	7.16
2000	22 276 672	11 392 050	10 884 622	0.83	104.7	3.33	615.6	8.08
2001	22 405 568	11 441 651	10 963 917	0.58	104.4	3.29	619.1	5.94
2002	22 520 776	11 485 409	11 035 367	0.51	104.1	3.25	622.3	5.29
2003	22 604 550	11 515 062	11 089 488	0.37	103.8	3.21	624.6	4.27
2004	22 689 122	11 541 585	11 147 537	0.37	103.5	3.16	627.0	3.59
2005	22 770 383	11 562 440	11 207 943	0.36	103.2	3.12	629.2	2.92
2006	22 876 527	11 591 707	11 284 820	0.47	102.7	3.09	632.2	3.01
2007	22 958 360	11 608 767	11 349 593	0.36	102.3	3.06	634.4	2.76
2008	23 037 031	11 626 351	11 410 680	0.34	101.9	3.01	636.6	2.40

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

² Data included Taiwan-Fukien area beginning 1981.

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

Year	Birth		Death		Married		Divorced	
	Number (person)	Crude birth rate (‰)	Number (person)	Crude death rate (‰)	Couple	Marriage rate (couples per 1000 pop.)	Couple	Divorce rate (couples per 1000 pop.)
1979	422 518	24.41	81 860	4.73	152 807	8.83	12 398	0.72
1980	413 881	23.38	84 333	4.76	175 090	9.89	13 478	0.76
1981	414 069	22.97	87 192	4.84	167 496	9.29	14 884	0.83
1982	405 263	22.08	87 578	4.77	162 103	8.83	16 954	0.92
1983	383 439	20.56	90 951	4.88	158 634	8.50	17 528	0.94
1984	371 008	19.60	89 915	4.75	155 364	8.21	19 023	1.00
1985	346 208	18.04	92 348	4.81	153 832	8.02	21 165	1.10
1986	309 230	15.93	95 057	4.90	145 854	7.51	22 385	1.15
1987	314 024	16.01	96 319	4.91	146 312	7.46	23 061	1.18
1988	342 031	17.24	102 113	5.15	155 548	7.84	25 012	1.26
1989	315 299	15.72	103 288	5.15	158 203	7.89	25 102	1.25
1990	335 618	16.55	105 669	5.21	142 943	7.05	27 451	1.35
1991	321 932	15.70	106 284	5.18	162 972	7.95	28 298	1.38
1992	321 632	15.53	110 516	5.34	169 461	8.18	29 205	1.41
1993	325 613	15.58	110 901	5.31	157 780	7.55	30 200	1.45
1994	322 938	15.31	113 866	5.40	170 864	8.10	31 899	1.51
1995	329 581	15.50	119 112	5.60	160 249	7.53	33 358	1.57
1996	325 545	15.18	122 489	5.71	169 424	7.90	35 875	1.67
1997	326 002	15.07	121 000	5.59	166 216	7.68	38 986	1.80
1998	271 450	12.43	123 180	5.64	145 976	6.69	43 603	2.00
1999	283 661	12.89	126 113	5.73	173 209	7.87	49 003	2.23
2000	305 312	13.76	125 958	5.68	181 642	8.19	52 670	2.37
2001	260 354	11.65	127 647	5.71	170 515	7.63	56 538	2.53
2002	247 530	11.02	128 636	5.73	172 655	7.69	61 213	2.73
2003	227 070	10.06	130 801	5.80	171 483	7.60	64 866	2.87
2004	216 419	9.56	135 092	5.97	131 453	5.80	62 796	2.77
2005	205 854	9.06	139 398	6.13	141 140	6.21	62 571	2.75
2006	204 459	8.96	135 839	5.95	142 669	6.25	64 540	2.83
2007	204 414	8.92	141 111	6.16	135 041	5.89	58 518	2.55
2008	198 733	8.64	143 624	6.25	154 866	6.73	55 995	2.43

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 ageing and median age

%

End of Year	Age-specific distribution			Dependency ratio	Index of ageing	Median age ¹ (Year)
	0-14	15-64	65 ⁺			
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	25.2	67.8	7.1	48	28.2	28.7
1994	24.4	68.2	7.4	47	30.2	29.1
1995	23.8	68.6	7.6	46	32.1	29.6
1996	23.2	69.0	7.9	45	34.0	30.1
1997	22.6	69.3	8.1	44	35.7	30.5
1998	22.0	69.8	8.3	43	37.6	31.2
1999	21.4	70.1	8.4	43	39.4	31.6
2000	21.1	70.3	8.6	42	40.9	32.1
2001	20.8	70.4	8.8	42	42.3	32.6
2002	20.4	70.6	9.0	42	44.2	33.1
2003	19.8	70.9	9.2	41	46.6	33.6
2004	19.3	71.2	9.5	40	49.0	34.2
2005	18.7	71.6	9.7	40	52.1	34.7
2006	18.1	71.9	10.0	39	55.2	35.2
2007	17.6	72.2	10.2	38	58.1	35.8
2008	17.0	72.6	10.4	38	61.5	36.3

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
1979	17 543 067	1 965 802	1 838 232	1 936 675	2 013 825	1 899 480	1 658 205	1 047 011	938 976	860 684
1980	17 866 008	1 997 423	1 818 311	1 923 514	2 007 132	1 921 838	1 735 025	1 174 823	907 198	886 526
1981	18 193 955	1 992 998	1 864 939	1 896 420	2 003 755	1 939 667	1 772 888	1 340 681	886 566	906 604
1982	18 515 754	2 005 926	1 894 316	1 885 114	1 969 094	1 979 551	1 804 082	1 464 372	908 331	915 333
1983	18 790 538	1 988 677	1 942 236	1 859 001	1 943 319	1 998 175	1 837 932	1 558 973	953 987	926 155
1984	19 069 194	1 929 414	1 996 895	1 832 008	1 926 126	2 006 186	1 878 505	1 639 902	1 036 697	926 377
1985	19 313 825	1 866 549	2 035 953	1 813 642	1 912 260	1 999 571	1 898 036	1 713 055	1 159 452	894 682
1986	19 509 082	1 777 521	2 021 972	1 859 173	1 882 543	1 994 322	1 913 815	1 745 615	1 314 369	878 310
1987	19 725 010	1 684 379	2 029 602	1 886 617	1 872 408	1 960 854	1 948 272	1 768 454	1 430 984	901 802
1988	19 954 397	1 643 894	2 004 593	1 930 385	1 846 493	1 937 671	1 969 663	1 809 836	1 530 050	945 091
1989	20 156 587	1 606 605	1 955 602	1 980 990	1 818 652	1 918 760	1 975 360	1 846 137	1 606 595	1 022 313
1990	20 401 305	1 613 288	1 893 288	2 018 789	1 796 472	1 902 136	1 974 557	1 871 518	1 684 644	1 145 237
1991	20 605 831	1 623 446	1 794 009	2 009 695	1 840 047	1 871 602	1 965 733	1 889 119	1 720 569	1 299 350
1992	20 802 622	1 629 553	1 708 725	2 023 069	1 864 578	1 859 677	1 933 959	1 924 575	1 749 763	1 415 342
1993	20 995 416	1 614 598	1 669 798	1 995 309	1 906 190	1 831 670	1 911 217	1 945 458	1 789 101	1 512 385
1994	21 177 874	1 601 632	1 615 534	1 952 415	1 968 623	1 800 721	1 892 287	1 959 649	1 834 580	1 594 472
1995	21 357 431	1 590 485	1 601 359	1 884 239	2 008 335	1 779 571	1 881 015	1 958 377	1 858 380	1 670 238
1996	21 525 433	1 590 975	1 615 377	1 776 191	1 999 609	1 824 814	1 851 115	1 954 320	1 877 207	1 704 099
1997	21 742 815	1 599 094	1 627 015	1 688 171	2 012 253	1 851 573	1 842 670	1 922 538	1 915 911	1 732 870
1998	21 928 591	1 545 889	1 613 672	1 655 839	1 989 278	1 900 270	1 820 827	1 904 516	1 943 867	1 776 015
1999	22 092 387	1 507 221	1 625 278	1 602 097	1 940 252	1 958 757	1 796 059	1 889 664	1 951 084	1 815 880
2000	22 276 672	1 489 242	1 615 158	1 598 693	1 875 363	2 001 787	1 778 878	1 880 525	1 948 453	1 840 177
2001	22 405 568	1 426 759	1 618 964	1 616 161	1 768 347	1 992 372	1 828 743	1 855 510	1 946 820	1 859 355
2002	22 520 776	1 350 829	1 621 378	1 626 685	1 681 126	2 004 871	1 856 171	1 847 353	1 913 758	1 896 052
2003	22 604 550	1 309 903	1 561 046	1 610 671	1 646 048	1 977 231	1 901 431	1 821 029	1 891 845	1 919 263
2004	22 689 122	1 243 939	1 521 015	1 622 128	1 592 665	1 928 089	1 958 601	1 796 937	1 877 722	1 926 436
2005	22 770 383	1 144 355	1 502 936	1 611 758	1 590 254	1 864 520	2 002 501	1 781 545	1 870 226	1 925 056
2006	22 876 527	1 092 942	1 437 160	1 615 529	1 608 668	1 760 487	1 998 797	1 835 988	1 850 260	1 927 547
2007	22 958 360	1 052 585	1 359 780	1 618 280	1 620 326	1 675 596	2 017 016	1 866 769	1 845 404	1 897 013
2008	23 037 031	1 026 206	1 319 870	1 559 127	1 605 952	1 642 305	1 994 567	1 916 670	1 823 587	1 878 514

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

Persons

Total											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 ⁺
823 132	790 881	611 983	430 398	338 551	207 089	110 593	49 748	16 600		5 202	
817 873	811 082	645 616	453 507	351 496	218 156	119 029	53 811	18 243		5 405	
810 232	818 255	670 515	487 590	360 647	231 598	127 415	58 243	19 214		5 728	
817 447	817 015	696 507	516 439	364 797	252 357	135 741	62 761	20 438		6 133	
825 855	807 131	728 810	540 934	373 494	269 149	142 793	64 985	22 588		6 344	
844 159	800 224	756 448	570 673	385 983	284 281	153 929	69 949	24 584		6 854	
868 347	795 314	776 164	603 745	406 715	294 671	164 130	76 551	27 452		7 536	
889 717	790 208	783 297	627 678	437 895	302 798	172 868	80 452	28 774		7 755	
903 857	802 202	786 726	655 426	467 117	309 632	190 184	86 581	31 433		8 480	
914 310	812 147	778 968	685 509	489 410	319 667	202 989	91 266	33 041		9 414	
915 500	827 488	771 386	709 878	515 006	328 513	214 093	98 274	35 392		10 043	
887 542	851 976	765 281	727 946	546 450	346 810	222 946	103 599	38 266		10 560	
873 267	873 650	760 501	739 414	571 441	376 177	232 334	111 908	41 650		11 919	
887 387	882 182	770 190	737 489	594 180	400 066	239 016	124 816	44 569	11 394	1 801	291
927 945	891 163	778 101	731 680	624 985	421 222	247 103	135 716	47 089	12 237	2 069	380
1 000 743	883 687	789 157	722 018	647 138	444 508	256 041	146 238	51 790	13 780	2 364	497
1 120 607	848 364	810 191	715 216	663 674	470 126	270 923	152 575	55 713	14 924	2 614	505
1 275 488	827 045	828 300	709 285	671 468	490 537	293 422	156 180	60 055	16 336	3 027	583
1 392 439	848 551	839 094	718 580	672 937	514 004	314 268	160 549	68 321	17 858	3 402	717
1 490 384	895 191	851 945	730 667	667 738	543 076	333 570	167 429	74 776	19 089	3 750	803
1 567 781	974 543	850 827	747 472	663 430	565 908	354 407	175 619	80 058	21 046	4 138	866
1 644 449	1 096 189	817 926	768 524	659 042	582 622	378 169	188 721	84 265	22 959	4 564	966
1 678 885	1 250 525	800 735	789 035	656 027	591 347	398 637	207 848	88 205	25 222	4 948	1 123
1 706 154	1 363 730	821 946	799 423	665 502	593 675	419 184	224 363	92 436	29 336	5 506	1 298
1 744 527	1 456 435	866 063	811 324	677 189	589 974	443 852	239 280	97 340	32 724	5 954	1 421
1 783 714	1 532 407	943 933	811 061	694 392	588 148	464 817	255 848	103 711	35 343	6 643	1 573
1 808 740	1 608 391	1 062 981	780 316	715 262	586 360	480 569	275 448	112 551	37 635	7 236	1 743
1 832 448	1 646 546	1 216 871	766 255	737 193	586 672	491 500	294 363	126 836	40 384	8 137	1 944
1 869 685	1 674 991	1 329 160	788 663	748 863	597 005	495 565	310 951	137 363	41 807	9 576	1 962
1 895 846	1 715 897	1 422 226	834 044	762 519	609 541	494 896	331 096	147 409	44 605	10 281	1 873

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
1979	9 160 239	1 014 974	946 018	995 791	1 033 377	971 313	848 038	538 128	481 806	438 580
1980	9 320 105	1 031 881	935 627	989 923	1 028 905	983 464	887 073	603 824	466 043	451 844
1981	9 479 508	1 028 974	959 696	975 557	1 026 841	992 278	906 402	687 339	455 640	461 495
1982	9 636 285	1 035 321	974 411	968 414	1 009 949	1 013 074	921 180	750 402	466 562	466 015
1983	9 769 572	1 025 312	999 443	955 552	997 573	1 023 488	938 465	796 780	489 502	471 800
1984	9 904 853	995 173	1 028 071	941 453	987 739	1 027 912	958 965	837 342	531 587	473 507
1985	10 023 344	962 831	1 048 601	931 912	981 181	1 024 483	969 901	874 647	594 395	457 537
1986	10 114 710	917 072	1 041 447	955 801	966 716	1 021 437	978 271	891 206	673 229	449 242
1987	10 217 434	869 769	1 045 548	969 628	959 733	1 004 717	997 449	902 960	731 800	460 504
1988	10 328 081	850 875	1 032 898	993 204	946 268	992 769	1 007 453	924 044	781 227	482 685
1989	10 424 102	832 292	1 007 707	1 019 573	931 441	983 442	1 012 566	942 367	819 835	522 260
1990	10 540 635	836 309	974 530	1 038 378	919 522	974 754	1 011 861	957 301	859 616	585 909
1991	10 640 276	843 907	924 557	1 034 173	942 699	959 307	1 006 489	964 915	878 637	663 796
1992	10 734 609	848 534	882 271	1 042 014	955 702	952 881	990 251	983 486	892 329	722 576
1993	10 824 161	838 993	863 197	1 026 965	977 797	939 178	978 571	994 422	912 226	770 835
1994	10 907 032	836 012	837 095	1 006 634	1 011 303	922 677	967 512	999 784	932 906	810 417
1995	10 990 657	828 904	832 631	971 636	1 032 061	911 104	962 374	999 400	945 331	848 300
1996	11 065 798	828 407	842 803	916 435	1 027 808	935 259	946 727	996 496	954 943	865 339
1997	11 163 764	831 971	849 722	871 942	1 034 479	948 608	940 902	980 473	975 340	878 916
1998	11 243 408	804 753	842 641	856 638	1 022 518	972 277	928 765	971 092	989 035	900 056
1999	11 312 728	784 903	848 731	830 111	997 692	1 002 156	915 210	962 506	992 806	919 603
2000	11 392 050	776 698	841 773	831 160	964 868	1 023 835	905 239	957 030	990 211	931 580
2001	11 441 651	743 975	842 623	842 567	910 170	1 018 859	930 094	943 317	988 598	941 127
2002	11 485 409	704 807	843 183	849 202	866 630	1 026 165	943 791	936 397	971 469	960 079
2003	11 515 062	684 174	812 247	840 744	850 160	1 012 438	967 088	921 888	960 123	971 638
2004	11 541 585	650 216	791 835	846 780	823 881	988 195	996 749	907 862	951 254	975 195
2005	11 562 440	598 086	783 379	839 692	825 590	956 187	1 018 399	897 966	945 670	972 854
2006	11 591 707	571 699	749 063	840 418	837 559	902 971	1 014 502	923 631	932 908	972 298
2007	11 608 767	550 561	709 220	841 204	844 751	860 639	1 022 008	937 762	926 562	956 057
2008	11 626 351	536 491	689 226	810 883	837 112	845 169	1 009 260	961 387	913 095	945 857

by sex and age (continued)

Persons

Male											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 ⁺
454 348	475 219	360 155	243 917	182 103	101 025	49 275	19 285	5 576		1 311	
438 471	482 632	382 148	258 184	191 160	106 484	53 474	21 252	6 289		1 427	
425 094	480 157	398 702	279 378	198 779	113 684	58 037	23 135	6 803		1 517	
421 329	470 978	415 958	297 496	200 093	128 338	62 450	25 413	7 173		1 729	
421 124	454 264	435 512	312 690	206 162	139 163	65 714	27 141	8 020		1 867	
427 824	438 062	450 737	330 954	214 257	148 949	71 605	29 701	8 963		2 052	
439 276	422 743	457 701	353 055	227 086	155 872	76 784	32 800	10 214		2 325	
450 112	411 299	454 885	367 380	245 455	162 316	81 030	34 638	10 754		2 420	
457 594	410 236	448 336	385 499	263 430	165 291	92 604	37 690	11 965		2 681	
463 632	410 988	433 808	403 571	276 956	171 685	100 312	39 687	12 973		3 046	
465 196	416 487	417 661	415 948	292 469	177 106	107 237	43 202	14 021		3 292	
450 964	428 066	402 381	422 559	312 353	188 119	113 229	45 807	15 456		3 521	
443 856	438 826	391 291	423 353	328 180	205 323	120 044	49 856	16 909		4 158	
451 477	443 183	389 203	413 629	342 974	219 690	123 100	58 049	18 389	4 186	606	79
471 877	447 587	389 157	401 476	361 512	232 766	128 111	64 618	19 452	4 619	680	122
508 108	444 463	390 779	385 289	374 358	247 589	134 194	70 333	21 409	5 198	808	164
568 978	426 680	400 396	370 095	380 492	264 749	143 043	74 364	23 301	5 738	905	175
646 207	415 574	408 932	357 729	379 841	277 751	155 747	77 128	25 113	6 278	1 078	203
705 103	426 471	414 295	355 662	372 322	292 130	167 889	79 065	29 977	6 951	1 271	275
753 418	449 997	421 175	357 588	359 898	308 800	179 024	82 971	33 535	7 485	1 423	319
791 357	489 804	421 673	363 324	346 812	320 675	190 909	87 710	36 476	8 311	1 611	348
829 386	550 932	405 574	372 741	333 391	326 658	205 981	94 920	38 710	9 168	1 807	388
846 586	627 410	397 003	382 731	323 539	326 319	218 110	105 011	41 096	10 045	1 994	477
858 992	683 753	407 786	388 001	322 139	320 449	230 394	114 146	42 843	12 364	2 213	606
877 898	729 037	429 830	394 429	324 142	309 833	244 424	122 381	45 323	14 162	2 421	682
896 871	765 796	468 133	395 322	330 091	299 144	254 807	131 554	48 850	15 551	2 713	786
908 705	803 078	527 088	380 324	339 262	288 316	260 601	143 274	53 381	16 760	2 944	884
919 910	821 251	602 280	373 307	349 809	281 052	262 137	153 915	60 585	18 114	3 293	1 005
938 532	833 832	657 109	384 466	355 601	280 289	258 048	163 045	65 869	18 087	4 120	1 005
950 823	853 304	701 768	406 629	362 704	282 905	250 143	173 879	70 921	19 429	4 435	931

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
1979	8 382 828	950 828	892 214	940 884	980 448	928 167	810 167	508 883	457 170	422 104
1980	8 545 903	965 542	882 684	933 591	978 227	938 374	847 952	570 999	441 155	434 682
1981	8 714 447	964 024	905 243	920 863	976 914	947 389	866 486	653 342	430 926	445 109
1982	8 879 469	970 605	919 905	916 700	959 145	966 477	882 902	713 970	441 769	449 318
1983	9 020 966	963 365	942 793	903 449	945 746	974 687	899 467	762 193	464 485	454 355
1984	9 164 341	934 241	968 824	890 555	938 387	978 274	919 540	802 560	505 110	452 870
1985	9 290 481	903 718	987 352	881 730	931 079	975 088	928 135	838 408	565 057	437 145
1986	9 394 372	860 449	980 525	903 372	915 827	972 885	935 544	854 409	641 140	429 068
1987	9 507 576	814 610	984 054	916 989	912 675	956 137	950 823	865 494	699 184	441 298
1988	9 626 316	793 019	971 695	937 181	900 225	944 902	962 210	885 792	748 823	462 406
1989	9 732 485	774 313	947 898	961 417	887 211	935 318	962 794	903 770	786 760	500 053
1990	9 860 670	776 979	918 758	980 411	876 950	927 382	962 696	914 217	825 028	559 328
1991	9 965 555	779 539	869 452	975 522	897 348	912 295	959 244	924 204	841 932	635 554
1992	10 068 013	781 019	826 454	981 055	908 876	906 796	943 708	941 089	857 434	692 766
1993	10 171 255	775 605	806 601	968 344	928 393	892 492	932 646	951 036	876 875	741 550
1994	10 270 842	765 620	778 439	945 781	957 320	878 044	924 775	959 865	901 674	784 055
1995	10 366 774	761 581	768 728	912 603	976 274	868 467	918 641	958 977	913 049	821 938
1996	10 459 635	762 568	772 574	859 756	971 801	889 555	904 388	957 824	922 264	838 760
1997	10 579 051	767 123	777 293	816 229	977 774	902 965	901 768	942 065	940 571	853 954
1998	10 685 183	741 136	771 031	799 201	966 760	927 993	892 062	933 424	954 832	875 959
1999	10 779 659	722 318	776 547	771 986	942 560	956 601	880 849	927 158	958 278	896 277
2000	10 884 622	712 544	773 385	767 533	910 495	977 952	873 639	923 495	958 242	908 597
2001	10 963 917	682 784	776 341	773 594	858 177	973 513	898 649	912 193	958 222	918 228
2002	11 035 367	646 022	778 195	777 483	814 496	978 706	912 380	910 956	942 289	935 973
2003	11 089 488	625 729	748 799	769 927	795 888	964 793	934 343	899 141	931 722	947 625
2004	11 147 537	593 723	729 180	775 348	768 784	939 894	961 852	889 075	926 468	951 241
2005	11 207 943	546 269	719 557	772 066	764 664	908 333	984 102	883 579	924 556	952 202
2006	11 284 820	521 243	688 097	775 111	771 109	857 516	984 295	912 357	917 352	955 249
2007	11 349 593	502 024	650 560	777 076	775 575	814 957	995 008	929 007	918 842	940 956
2008	11 410 680	489 715	630 644	748 244	768 840	797 136	985 307	955 283	910 492	932 657

by sex and age (continued)

Persons

Female											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 ⁺
368 784	315 662	251 828	186 481	156 448	106 064	61 318	30 463	11 024		3 891	
379 402	328 450	263 468	195 323	160 336	111 672	65 555	32 559	11 954		3 978	
385 138	338 098	271 813	208 212	161 868	117 914	69 378	35 108	12 411		4 211	
396 118	346 037	280 549	218 943	164 704	124 019	73 291	37 348	13 265		4 404	
404 731	352 867	293 298	228 244	167 332	129 986	77 079	37 844	14 568		4 477	
416 335	362 162	305 711	239 719	171 726	135 332	82 324	40 248	15 621		4 802	
429 071	372 571	318 463	250 690	179 629	138 799	87 346	43 751	17 238		5 211	
439 605	378 909	328 412	260 298	192 440	140 482	91 838	45 814	18 020		5 335	
446 263	391 966	338 390	269 927	203 687	144 341	97 580	48 891	19 468		5 799	
450 678	401 159	345 160	281 938	212 454	147 982	102 677	51 579	20 068		6 368	
450 301	411 001	353 725	293 930	222 537	151 407	106 856	55 072	21 371		6 751	
436 578	423 910	362 900	305 387	234 097	158 691	109 717	57 792	22 810		7 039	
429 411	434 824	369 210	316 061	243 261	170 854	112 290	62 052	24 741		7 761	
435 910	438 999	380 987	323 860	251 206	180 376	115 916	66 767	26 180	7 208	1 195	212
456 068	443 576	388 944	330 204	263 473	188 456	118 992	71 098	27 637	7 618	1 389	258
492 635	439 224	398 378	336 729	272 780	196 919	121 847	75 905	30 381	8 582	1 556	333
551 629	421 684	409 795	345 121	283 182	205 377	127 880	78 211	32 412	9 186	1 709	330
629 281	411 471	419 368	351 556	291 627	212 786	137 675	79 052	34 942	10 058	1 949	380
687 336	422 080	424 799	362 918	300 615	221 874	146 379	81 484	38 344	10 907	2 131	442
736 966	445 194	430 770	373 079	307 840	234 276	154 546	84 458	41 241	11 604	2 327	484
776 424	484 739	429 154	384 148	316 618	245 233	163 498	87 909	43 582	12 735	2 527	518
815 063	545 257	412 352	395 783	325 651	255 964	172 188	93 801	45 555	13 791	2 757	578
832 299	623 115	403 732	406 304	332 488	265 028	180 527	102 837	47 109	15 177	2 954	646
847 162	679 977	414 160	411 422	343 363	273 226	188 790	110 217	49 593	16 972	3 293	692
866 629	727 398	436 233	416 895	353 047	280 141	199 428	116 899	52 017	18 562	3 533	739
886 843	766 611	475 800	415 739	364 301	289 004	210 010	124 294	54 861	19 792	3 930	787
900 035	805 313	535 893	399 992	376 000	298 044	219 968	132 174	59 170	20 875	4 292	859
912 538	825 295	614 591	392 948	387 384	305 620	229 363	140 448	66 251	22 270	4 844	939
931 153	841 159	672 051	404 197	393 262	316 716	237 517	147 906	71 494	23 720	5 456	957
945 023	862 593	720 458	427 415	399 815	326 636	244 753	157 217	76 488	25 176	5 846	942

Table 12. Population of age 15 years

End of Year	Male								
	Total	Single		Married		Widowed		Divorced	
		Number	%	Number	%	Number	%	Number	%
1979	6 203 456	2 582 327	41.6	3 417 847	55.1	139 158	2.2	64 124	1.0
1980	6 362 674	2 610 799	41.0	3 540 754	55.6	141 800	2.2	69 321	1.1
1981	6 515 281	2 646 716	40.6	3 646 154	56.0	145 612	2.2	76 799	1.2
1982	6 658 139	2 676 741	40.2	3 750 850	56.3	147 031	2.2	83 517	1.3
1983	6 789 265	2 704 969	39.8	3 841 376	56.6	151 143	2.2	91 777	1.4
1984	6 940 156	2 749 005	39.6	3 935 988	56.7	155 372	2.2	99 791	1.4
1985	7 080 000	2 791 765	39.4	4 020 158	56.8	159 261	2.2	108 816	1.5
1986	7 200 390	2 810 982	39.0	4 104 616	57.0	165 318	2.3	119 474	1.7
1987	7 332 489	2 856 232	39.0	4 173 274	56.9	171 625	2.3	131 358	1.8
1988	7 451 104	2 887 672	38.8	4 242 767	56.9	175 877	2.4	144 788	1.9
1989	7 564 533	2 892 556	38.2	4 333 592	57.3	182 578	2.4	155 807	2.1
1990	7 691 418	2 921 138	38.0	4 407 072	57.3	191 919	2.5	171 289	2.2
1991	7 837 639	2 976 576	38.0	4 480 712	57.2	194 949	2.5	185 402	2.4
1992	7 961 790	3 009 743	37.8	4 560 392	57.3	194 677	2.4	196 978	2.5
1993	8 095 006	3 052 827	37.7	4 632 837	57.2	200 023	2.5	209 319	2.6
1994	8 227 291	3 152 094	38.3	4 666 829	56.7	187 019	2.3	221 349	2.7
1995	8 357 486	3 202 757	38.3	4 725 013	56.5	189 274	2.3	240 442	2.9
1996	8 478 153	3 244 425	38.3	4 782 972	56.4	188 543	2.2	262 213	3.1
1997	8 610 129	3 284 982	38.2	4 846 579	56.3	192 414	2.2	286 154	3.3
1998	8 739 376	3 339 615	38.2	4 892 877	56.0	196 517	2.2	310 367	3.6
1999	8 848 983	3 364 354	38.0	4 948 319	55.9	200 444	2.3	335 866	3.8
2000	8 942 419	3 371 213	37.7	5 007 204	56.0	203 387	2.3	360 615	4.0
2001	9 012 486	3 371 660	37.4	5 047 682	56.0	205 976	2.3	387 168	4.3
2002	9 088 217	3 379 567	37.2	5 084 695	56.0	208 424	2.3	415 531	4.6
2003	9 177 897	3 410 118	37.2	5 113 084	55.7	210 701	2.3	443 994	4.8
2004	9 252 754	3 452 830	37.3	5 106 743	55.2	213 884	2.3	479 297	5.2
2005	9 341 283	3 499 950	37.5	5 110 181	54.7	217 072	2.3	514 080	5.5
2006	9 430 527	3 540 848	37.5	5 118 941	54.3	220 418	2.3	550 320	5.8
2007	9 507 782	3 583 708	37.7	5 120 397	53.9	223 382	2.3	580 295	6.1
2008	9 589 751	3 612 897	37.7	5 143 798	53.6	225 841	2.4	607 215	6.3

Notes : ¹ All figures are based on the household registration data at the end of year.² Data includeded Taiwan-Fukien area beginning 1981.

and over by sex and marital status

Female								
Total	Single		Married		Widowed		Divorced	
	Number	%	Number	%	Number	%	Number	%
5 598 902	1 741 448	31.1	3 404 428	60.8	398 484	7.1	54 542	1.0
5 764 086	1 771 939	30.7	3 532 207	61.3	399 546	6.9	60 394	1.0
5 924 317	1 802 578	30.4	3 644 705	61.5	410 491	6.9	66 543	1.1
6 072 259	1 826 785	30.1	3 749 392	61.7	422 178	7.0	73 904	1.2
6 211 359	1 856 399	29.9	3 840 960	61.8	431 617	6.9	82 383	1.3
6 370 721	1 900 968	29.8	3 935 119	61.8	444 579	7.0	90 055	1.4
6 517 681	1 944 782	29.8	4 023 348	61.7	450 934	6.9	98 617	1.5
6 650 026	1 977 931	29.7	4 101 988	61.7	460 816	6.9	109 291	1.6
6 791 923	2 023 962	29.8	4 174 529	61.5	473 272	7.0	120 160	1.8
6 924 421	2 053 303	29.7	4 253 269	61.4	484 021	7.0	133 828	1.9
7 048 857	2 080 306	29.5	4 327 724	61.4	495 675	7.0	145 152	2.1
7 184 522	2 125 708	29.6	4 393 333	61.1	507 359	7.1	158 122	2.2
7 341 042	2 171 464	29.6	4 477 367	61.0	518 118	7.1	174 093	2.4
7 479 485	2 208 020	29.5	4 550 934	60.8	531 680	7.1	188 851	2.5
7 620 705	2 260 426	29.7	4 611 050	60.5	545 885	7.2	203 344	2.7
7 781 002	2 342 069	30.1	4 651 236	59.8	569 287	7.3	218 410	2.8
7 923 862	2 388 785	30.1	4 696 952	59.3	597 074	7.5	241 051	3.0
8 064 737	2 415 290	29.9	4 752 061	58.9	629 240	7.8	268 146	3.3
8 218 406	2 464 217	30.0	4 801 104	58.4	657 072	8.0	296 013	3.6
8 373 815	2 533 266	30.3	4 835 294	57.7	681 460	8.1	323 795	3.9
8 508 808	2 581 305	30.3	4 869 725	57.2	704 204	8.3	353 574	4.2
8 631 160	2 619 391	30.3	4 900 922	56.8	727 068	8.4	383 779	4.4
8 731 198	2 652 393	30.4	4 912 978	56.3	749 719	8.6	416 108	4.8
8 833 667	2 687 613	30.4	4 924 031	55.7	771 565	8.7	450 458	5.1
8 945 033	2 741 113	30.6	4 925 584	55.1	793 134	8.9	485 202	5.4
9 049 286	2 796 839	30.9	4 914 473	54.3	815 864	9.0	522 110	5.8
9 170 051	2 852 497	31.1	4 918 992	53.6	839 385	9.2	559 177	6.1
9 300 369	2 900 170	31.2	4 939 167	53.1	863 377	9.3	597 655	6.4
9 419 933	2 952 078	31.3	4 950 589	52.6	885 693	9.4	631 573	6.7
9 542 077	2 988 331	31.3	4 984 951	52.2	907 694	9.5	661 101	6.9

Table 13. Population of cities

End of Year	Taipei City	Kaohsiung City	Keelung City	Hsinchu City	Taichung City	Chiayi City	Tainan City
1979	2 196 237	1 172 977	345 392	237 677	585 205	253 302	572 590
1980	2 220 427	1 202 123	344 867	240 900	593 427	252 037	583 799
1981	2 270 983	1 227 454	347 828	284 737	607 238	251 840	594 739
1982	2 327 641	1 248 175	349 686	288 880	621 566	252 376	609 934
1983	2 388 374	1 261 743	351 707	292 740	636 406	252 906	622 073
1984	2 449 702	1 285 132	352 666	297 324	655 196	253 016	631 614
1985	2 507 620	1 302 849	351 524	304 010	674 936	253 573	639 888
1986	2 575 180	1 320 552	349 616	306 088	695 562	254 001	646 298
1987	2 637 100	1 342 797	348 541	309 899	715 107	254 875	656 927
1988	2 681 857	1 362 086	348 672	314 626	730 376	255 994	667 622
1989	2 702 678	1 374 231	350 283	319 197	746 780	256 165	675 685
1990	2 719 659	1 386 723	352 919	324 426	761 802	257 597	683 251
1991	2 717 992	1 396 425	355 894	328 911	774 197	258 468	689 541
1992	2 696 073	1 405 909	359 482	332 707	794 960	258 698	694 630
1993	2 653 245	1 405 349	363 037	335 460	816 601	258 599	700 470
1994	2 653 578	1 416 248	364 520	338 140	832 654	260 368	702 658
1995	2 632 863	1 426 035	368 771	340 255	853 221	261 391	706 811
1996	2 605 374	1 433 621	374 199	345 954	876 384	262 860	710 954
1997	2 598 493	1 436 142	379 370	351 800	901 961	262 822	717 811
1998	2 639 939	1 462 302	382 118	356 243	917 788	263 050	721 832
1999	2 641 312	1 475 505	385 201	361 958	940 589	265 109	728 060
2000	2 646 474	1 490 560	388 425	368 439	965 790	266 183	734 650
2001	2 633 802	1 494 457	390 966	373 296	983 694	267 993	740 846
2002	2 641 856	1 509 510	391 450	378 797	996 706	267 907	745 081
2003	2 627 138	1 509 350	392 242	382 897	1 009 387	269 594	749 628
2004	2 622 472	1 512 677	392 337	386 950	1 021 292	270 341	754 917
2005	2 616 375	1 510 649	391 727	390 692	1 032 778	271 701	756 859
2006	2 632 242	1 514 706	390 633	394 757	1 044 392	272 364	760 037
2007	2 629 269	1 520 555	390 397	399 035	1 055 898	273 075	764 658
2008	2 622 923	1 525 642	388 979	405 371	1 066 128	273 793	768 453

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

over 150 000 inhabitants

Banciao City	Sanchong City	Yonghe City	Jhonghe City	Sinjhuang City	Sindian City	Tucheng City
377 523	317 936	192 729	235 612	159 170	160 553	48 919
403 057	327 001	205 313	261 684	178 019	166 423	54 737
422 260	334 726	213 787	279 664	191 073	171 315	60 398
440 180	340 581	221 298	294 621	202 211	178 173	69 484
454 948	342 980	226 937	304 430	213 235	184 126	76 565
467 754	349 927	230 057	315 857	222 894	187 637	84 555
479 748	353 957	232 519	324 930	232 438	190 579	93 477
491 721	358 812	238 677	334 663	243 706	198 125	102 973
506 220	362 171	242 252	343 389	259 001	205 094	110 796
519 634	366 819	245 908	355 400	275 936	210 942	120 282
531 065	370 957	247 939	365 225	287 645	216 757	129 424
538 954	375 996	249 736	374 339	299 174	225 517	136 928
542 942	378 397	247 473	379 968	308 293	233 277	142 348
543 982	382 003	246 355	383 516	314 980	240 558	148 111
544 067	383 943	245 743	387 264	321 970	245 897	155 814
539 115	382 880	241 104	387 123	328 758	248 822	171 629
530 003	380 099	233 082	386 347	339 143	250 559	188 170
524 323	377 498	230 734	383 715	346 132	254 078	202 436
519 459	378 502	228 909	385 912	353 878	259 166	213 169
520 286	378 671	227 673	388 174	359 367	261 024	219 793
523 850	380 084	227 700	392 176	365 048	263 603	224 897
529 059	382 266	228 099	398 123	372 175	268 290	230 208
532 694	384 051	229 383	401 619	376 584	272 500	231 938
535 476	384 217	230 660	403 510	380 334	275 467	234 125
539 356	384 618	231 816	406 325	383 745	280 661	235 729
541 512	384 092	233 384	408 126	386 941	285 186	236 202
542 319	383 959	235 059	408 989	389 074	287 472	236 345
544 292	383 636	235 697	411 011	392 472	289 366	237 000
547 625	383 621	236 413	410 183	396 337	290 590	237 443
550 767	384 722	236 598	412 060	398 317	292 693	238 230

Table 13. Population of cities

End of Year	Lujhou City	Sijhih City	Shulin City	Taoyuan City	Jhongli City	Pingjhen City	Bade City
1979	42 755	60 359	70 498	175 961	199 428	88 967	79 044
1980	46 256	65 276	73 187	179 214	207 712	96 172	98 618
1981	48 568	67 996	77 378	185 257	215 414	102 899	95 934
1982	52 894	72 002	81 453	190 535	221 962	110 071	102 061
1983	56 795	73 130	85 496	195 895	228 567	115 674	106 945
1984	60 878	75 908	89 389	200 829	233 392	121 585	111 338
1985	65 757	77 069	92 414	204 700	237 271	126 348	113 886
1986	71 042	79 293	95 557	210 753	241 476	130 386	117 487
1987	78 074	81 015	89 757	220 255	247 639	134 925	121 514
1988	88 428	85 001	102 883	228 404	254 771	138 720	125 273
1989	97 874	90 198	106 951	235 521	262 653	142 924	129 247
1990	104 972	93 305	111 993	241 263	269 804	147 030	133 720
1991	112 560	97 261	115 581	246 056	276 878	150 703	135 897
1992	119 354	102 041	120 115	251 520	282 643	154 585	137 953
1993	125 890	108 489	124 857	256 612	289 054	158 621	142 822
1994	131 956	112 396	129 220	260 680	295 825	163 549	152 821
1995	138 727	118 939	135 322	271 536	301 287	170 038	148 899
1996	146 144	127 924	140 110	283 861	306 473	175 363	151 759
1997	152 384	141 470	144 566	294 974	310 723	179 830	154 412
1998	155 843	147 507	147 071	304 857	314 017	183 905	158 133
1999	160 516	154 976	151 260	316 438	318 649	188 344	161 700
2000	165 595	161 550	154 158	328 754	324 931	191 948	164 933
2001	169 316	165 143	156 159	338 361	329 913	194 521	166 355
2002	173 209	167 224	157 913	347 160	334 683	196 408	167 085
2003	177 232	170 765	159 101	357 647	339 586	198 273	168 910
2004	181 608	173 890	159 930	368 765	346 144	198 353	169 703
2005	185 796	176 130	160 762	377 345	350 981	198 375	170 695
2006	189 403	178 846	162 476	384 803	355 707	200 331	171 697
2007	192 066	180 993	164 723	391 822	358 656	202 680	172 125
2008	194 686	183 441	168 689	397 056	362 129	205 266	173 585

over 150 000 inhabitants (continued)

Fongyuan City	Dali City	Taiping City	Changhua City	Yongkang City	Fongshan City	Pingdong City
125 570	65 694	60 023	176 687	71 899	204 865	185 142
126 658	73 173	69 658	181 359	77 075	218 106	187 383
128 944	77 908	75 957	185 816	81 854	227 310	189 347
131 955	82 812	80 605	190 315	86 536	240 625	192 232
134 610	87 090	85 275	193 789	90 927	255 268	195 288
137 084	92 089	90 568	198 195	97 024	259 781	198 237
139 747	96 740	95 224	201 103	103 797	267 022	200 411
142 552	101 136	99 672	203 541	107 982	271 738	202 079
144 434	107 308	104 797	206 603	114 904	276 259	204 990
147 372	114 430	110 199	209 179	122 983	282 352	206 991
149 506	118 643	114 021	212 311	129 180	285 853	207 970
151 642	124 422	118 429	215 224	136 705	290 777	210 801
154 175	132 039	122 923	217 328	141 479	293 522	212 335
155 959	138 498	129 182	219 536	147 272	294 471	213 309
156 906	152 261	135 103	221 090	155 745	298 059	214 304
157 548	156 040	143 015	222 722	166 359	301 374	214 728
158 315	159 896	148 810	223 675	173 552	303 956	215 096
158 847	163 336	153 693	224 066	179 214	309 062	214 627
159 580	165 902	158 145	225 006	184 740	315 488	214 628
160 256	169 239	162 615	226 151	189 631	316 350	214 313
161 032	171 940	165 524	227 715	193 005	318 562	214 727
161 104	174 930	166 923	229 915	197 194	321 707	215 282
161 589	176 860	167 907	231 129	198 372	322 678	215 245
162 115	178 998	168 892	232 156	200 719	323 799	215 584
162 828	181 308	169 969	233 435	202 552	328 878	216 338
163 228	184 164	170 363	234 308	204 196	333 474	216 777
163 746	186 818	170 712	234 614	206 411	336 510	216 708
164 051	189 945	171 139	235 322	208 919	338 596	216 425
164 619	192 437	171 628	235 998	210 585	338 900	215 962
165 238	194 550	172 363	236 631	212 540	339 240	214 987

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

End of Year	Total Population	Localities of 150 000 & more inhabitants		Localities of 20 000 - 150 000 inhabitants	
		Aggregate	%	Aggregate	%
1979	17 479 314	8 187 655	46.8	8 248 843	47.2
1980	17 805 067	8 395 674	47.2	8 356 380	46.9
1981	18 193 955	8 709 894	47.9	8 354 624	45.9
1982	18 515 754	9 076 507	49.0	8 298 942	44.8
1983	18 790 538	9 281 463	49.4	8 376 843	44.6
1984	19 069 194	9 483 960	49.7	8 403 338	44.1
1985	19 313 825	9 771 617	50.6	8 356 626	43.3
1986	19 509 082	10 176 497	52.2	8 184 215	42.0
1987	19 725 010	10 510 749	53.3	7 986 523	40.5
1988	19 954 397	11 833 999	59.3	7 844 509	39.3
1989	20 156 587	11 004 061	54.6	7 957 024	39.5
1990	20 401 305	11 280 802	55.3	7 872 408	38.6
1991	20 605 831	10 162 775	49.3	9 175 249	44.5
1992	20 802 622	10 225 876	49.2	9 305 467	44.7
1993	20 995 416	10 720 111	51.1	9 025 634	43.0
1994	21 177 874	10 959 243	51.7	8 998 054	42.5
1995	21 357 431	10 874 101	50.9	9 264 180	43.4
1996	21 525 433	11 248 563	52.3	9 103 055	42.3
1997	21 742 815	11 503 206	52.9	9 015 639	41.5
1998	21 928 591	11 653 570	53.1	9 068 615	41.4
1999	22 092 387	12 079 480	54.7	8 816 677	39.9
2000	22 276 672	12 227 665	54.9	8 882 696	39.9
2001	22 405 568	12 307 371	54.9	8 918 668	39.8
2002	22 520 776	12 401 041	55.1	8 925 922	39.6
2003	22 604 550	12 469 308	55.2	8 970 650	39.7
2004	22 689 122	12 541 332	55.3	8 991 290	39.6
2005	22 770 383	12 589 601	55.3	8 977 716	39.4
2006	22 876 527	12 670 265	55.4	9 012 316	39.4
2007	22 958 360	12 728 293	55.4	9 023 074	39.3
2008	23 037 031	12 785 077	55.5	9 051 734	39.3

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 1981.³ Data before 1991 referred to population over 100 000 or between 20 000 and 100 000

Table 15. Fertility rates for women of childbearing age

‰

Year	General fertility rate	Total fertility rate	Age specific fertility rate							Gross reproduction rate	Net reproduction rate
			15-19	20-24	25-29	30-34	35-39	40-44	45-49		
1979	96	2 670	35	195	209	72	18	4	1	1 283.9	1 238.3
1980	91	2 515	33	180	200	69	16	4	1	1 218.1	1 177.7
1981	89	2 455	31	176	197	69	14	3	1	1 185.6	1 148.2
1982	85	2 320	29	166	186	66	14	3	0	1 121.3	1 085.5
1983	79	2 170	26	154	174	63	14	3	0	1 049.7	1 014.7
1984	75	2 055	23	144	169	60	13	2	0	991.0	959.2
1985	68	1 880	19	129	158	56	12	2	0	909.7	883.0
1986	60	1 680	18	112	140	52	12	2	0	810.5	786.5
1987	60	1 700	16	109	147	54	12	2	0	815.9	790.2
1988	64	1 855	16	111	164	64	14	2	0	891.0	865.3
1989	58	1 680	16	98	145	61	14	2	0	805.3	781.2
1990	62	1 810	17	100	159	69	15	2	0	860.8	835.2
1991	58	1 720	17	92	149	68	16	2	0	817.3	799.8
1992	57	1 730	17	91	148	72	16	2	0	824.1	805.7
1993	57	1 760	17	91	149	75	18	2	0	845.6	827.8
1994	55	1 755	17	87	148	79	18	2	0	840.2	823.7
1995	55	1 775	17	86	148	82	20	2	0	853.8	837.4
1996	54	1 760	17	83	145	84	21	2	0	843.1	826.9
1997	53	1 770	15	80	147	87	22	3	0	847.2	831.7
1998	43	1 465	14	66	116	73	21	3	0	701.9	689.2
1999	45	1 555	13	66	126	82	21	3	0	742.4	725.2
2000	48	1 680	14	72	133	90	24	3	0	802.1	789.5
2001	41	1 400	13	62	106	75	21	3	0	670.8	660.8
2002	39	1 340	13	57	102	73	20	3	0	638.7	629.6
2003	36	1 235	11	52	92	69	20	3	0	587.7	578.8
2004	34	1 180	10	49	86	68	20	3	0	560.2	552.1
2005	33	1 115	8	44	79	68	21	3	0	533.4	525.5
2006	33	1 115	7	41	78	71	23	3	0	531.9	524.5
2007	32	1 100	6	37	76	74	24	3	0	524.5	517.3
2008	31	1 050	5	32	72	73	25	3	0	500.8	494.0

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

² Data on gross reproduction rate and net reproduction rate before 1982 included Taiwan area only.

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
1979	...	4.73	10.98	1.35	0.49	0.41	1.10	1.29	1.31	1.59	2.17	3.38
1980	...	4.76	11.02	1.34	0.46	0.40	1.02	1.27	1.26	1.56	2.28	3.23
1981	...	4.85	10.06	1.29	0.46	0.45	0.95	1.24	1.33	1.56	2.20	3.18
1982	...	4.76	9.03	1.20	0.44	0.40	0.92	1.16	1.25	1.50	2.18	3.17
1983	...	4.89	8.34	1.07	0.44	0.41	0.91	1.13	1.29	1.43	2.08	3.04
1984	...	4.75	7.56	0.97	0.43	0.36	0.82	1.09	1.20	1.44	2.10	3.09
1985	7.36	4.81	7.38	0.98	0.40	0.38	0.80	1.09	1.18	1.42	1.98	2.91
1986	7.32	4.90	6.64	0.91	0.41	0.35	0.93	1.12	1.18	1.41	1.92	2.88
1987	7.15	4.93	5.62	0.82	0.41	0.38	1.09	1.12	1.19	1.39	1.92	2.87
1988	7.30	5.16	6.24	0.81	0.38	0.39	1.11	1.15	1.27	1.45	1.98	2.81
1989	7.08	5.17	6.07	0.81	0.37	0.40	1.10	1.13	1.31	1.55	1.98	2.92
1990	6.93	5.21	5.91	0.77	0.35	0.37	0.99	1.07	1.26	1.49	2.04	2.84
1991	6.70	5.17	5.39	0.74	0.33	0.34	0.91	1.08	1.24	1.46	1.97	2.68
1992	6.72	5.33	5.63	0.70	0.32	0.34	0.91	1.01	1.19	1.46	1.90	2.72
1993	6.47	5.32	5.33	0.67	0.31	0.36	0.97	1.05	1.23	1.47	1.93	2.77
1994	6.39	5.40	5.66	0.61	0.29	0.32	0.96	1.02	1.16	1.47	1.96	2.80
1995	6.48	5.63	7.40	0.58	0.28	0.34	0.89	1.08	1.15	1.43	1.97	2.71
1996	6.41	5.69	7.49	0.59	0.27	0.30	0.87	0.95	1.11	1.47	1.94	2.74
1997	6.11	5.59	7.12	0.59	0.24	0.27	0.80	0.82	1.09	1.41	1.97	2.73
1998	6.01	5.66	7.07	0.59	0.24	0.28	0.74	0.86	0.99	1.35	1.96	2.73
1999	5.94	5.75	7.23	0.58	0.30	0.32	0.72	0.81	0.99	1.35	1.92	2.68
2000	5.69	5.68	6.99	0.47	0.20	0.22	0.66	0.80	0.92	1.29	1.81	2.65
2001	5.59	5.72	6.33	0.46	0.20	0.21	0.60	0.73	0.85	1.22	1.81	2.56
2002	5.40	5.71	5.94	0.45	0.17	0.18	0.53	0.68	0.89	1.17	1.73	2.46
2003	5.32	5.82	5.32	0.41	0.21	0.19	0.50	0.66	0.84	1.22	1.72	2.46
2004	5.29	5.95	5.91	0.38	0.16	0.18	0.54	0.66	0.84	1.21	1.76	2.55
2005	5.30	6.15	5.50	0.40	0.17	0.19	0.53	0.69	0.97	1.29	1.81	2.59
2006	4.95	5.98	5.46	0.32	0.16	0.18	0.48	0.64	0.88	1.24	1.80	2.62
2007	4.92	6.13	5.48	0.30	0.16	0.15	0.41	0.61	0.78	1.12	1.67	2.52
2008	4.84	6.24	5.00	0.37	0.15	0.14	0.40	0.56	0.72	1.10	1.66	2.50

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 2000 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 ⁺
5.00	7.50	11.51	18.09	29.14	47.20	73.36	112.51	196.97
5.03	7.50	11.40	18.16	28.90	44.57	72.61	111.15	191.39
4.91	7.28	11.24	18.09	29.40	45.66	71.01	113.50	197.45
4.77	7.31	10.81	17.11	28.11	44.09	69.83	106.54	190.79
4.83	6.94	10.91	17.33	28.50	44.71	73.23	113.44	197.51
4.68	6.77	10.42	16.51	26.59	42.73	69.25	103.77	182.01
4.35	6.62	9.96	15.99	26.09	42.89	68.69	106.96	183.27
4.33	6.40	9.83	15.72	26.11	42.70	69.18	106.97	182.97
4.21	6.35	9.55	15.37	25.11	41.96	65.92	106.30	179.24
4.35	6.60	9.62	15.21	24.78	41.82	67.62	110.68	188.01
4.41	6.28	9.44	14.66	25.01	40.19	65.89	103.87	175.77
4.16	6.18	9.59	14.78	23.91	39.74	65.63	101.48	174.94
4.16	6.18	9.08	14.42	22.60	37.67	63.33	100.13	166.92
4.09	5.93	9.11	14.58	22.65	37.84	62.96	100.18	173.53
4.11	5.90	9.03	14.17	22.10	35.60	60.08	93.59	164.22
4.06	5.93	9.09	13.86	21.90	34.81	58.32	91.80	163.11
4.05	5.95	8.89	14.18	21.93	35.72	59.20	92.24	165.05
3.98	6.05	9.04	13.96	21.27	34.65	57.44	93.43	164.24
3.81	5.97	8.47	13.20	20.95	32.96	53.84	89.34	155.06
3.72	5.62	8.45	13.05	20.74	32.09	52.59	88.37	154.18
3.77	5.57	8.34	12.97	20.15	32.17	51.75	85.97	153.35
3.74	5.30	8.16	12.18	19.35	30.83	50.10	81.71	148.26
3.60	5.26	8.20	12.05	19.23	30.59	48.52	80.05	145.36
3.51	5.06	7.67	11.67	18.46	29.80	47.43	78.10	142.09
3.50	5.09	7.46	11.54	18.27	29.26	46.89	75.36	142.12
3.58	5.06	7.35	11.26	17.57	28.83	45.97	76.27	139.88
3.62	5.04	7.37	11.33	17.24	28.11	46.41	74.92	141.18
3.52	5.01	7.11	10.53	16.15	26.56	42.97	68.88	128.16
3.50	4.82	6.87	10.40	16.20	26.14	43.13	69.11	132.14
3.48	4.71	6.66	10.20	15.45	25.94	42.43	69.16	134.36

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
1979	5.51	12.00	1.45	0.59	0.51	1.52	1.78	1.79	2.10	2.87	4.22
1980	5.53	12.05	1.44	0.57	0.48	1.44	1.71	1.69	2.06	3.04	4.24
1981	5.63	10.64	1.46	0.58	0.57	1.33	1.70	1.83	2.13	2.92	4.28
1982	5.55	9.67	1.25	0.54	0.48	1.24	1.60	1.73	2.04	2.92	4.29
1983	5.72	9.09	1.20	0.52	0.50	1.31	1.53	1.76	1.99	2.76	4.05
1984	5.58	7.94	1.11	0.50	0.44	1.16	1.49	1.66	2.01	2.86	4.20
1985	5.63	7.86	1.07	0.50	0.48	1.14	1.51	1.62	1.89	2.65	3.95
1986	5.76	7.07	1.02	0.51	0.43	1.31	1.57	1.64	1.90	2.57	3.90
1987	5.82	6.10	0.92	0.49	0.49	1.61	1.59	1.65	1.86	2.61	3.94
1988	6.09	6.51	0.94	0.47	0.47	1.65	1.65	1.80	2.00	2.78	3.96
1989	6.14	6.24	0.88	0.45	0.47	1.62	1.59	1.84	2.15	2.70	4.08
1990	6.20	6.23	0.86	0.42	0.46	1.40	1.50	1.76	2.05	2.82	3.88
1991	6.15	5.69	0.84	0.39	0.41	1.30	1.55	1.75	2.05	2.72	3.75
1992	6.35	6.33	0.76	0.35	0.40	1.31	1.44	1.71	2.07	2.68	3.77
1993	6.38	5.74	0.70	0.36	0.44	1.42	1.48	1.75	2.07	2.72	3.87
1994	6.53	6.23	0.70	0.34	0.39	1.41	1.41	1.61	2.13	2.78	3.96
1995	6.79	8.06	0.62	0.34	0.41	1.26	1.55	1.66	2.00	2.84	3.77
1996	6.87	7.87	0.61	0.30	0.35	1.23	1.36	1.56	2.13	2.73	3.89
1997	6.77	7.45	0.63	0.26	0.29	1.12	1.17	1.57	2.06	2.84	3.92
1998	6.86	7.73	0.66	0.25	0.33	1.04	1.23	1.44	1.96	2.81	3.95
1999	6.94	7.95	0.64	0.31	0.35	0.99	1.12	1.40	1.92	2.74	3.84
2000	6.89	7.51	0.49	0.23	0.25	0.92	1.12	1.30	1.85	2.62	3.81
2001	6.96	6.85	0.53	0.23	0.25	0.80	1.01	1.22	1.76	2.62	3.68
2002	6.91	6.22	0.46	0.18	0.20	0.72	0.95	1.28	1.69	2.50	3.54
2003	7.01	5.34	0.45	0.24	0.20	0.66	0.92	1.20	1.76	2.50	3.60
2004	7.24	6.45	0.39	0.17	0.18	0.76	0.91	1.21	1.77	2.58	3.66
2005	7.53	5.82	0.44	0.19	0.21	0.69	0.94	1.40	1.88	2.69	3.85
2006	7.35	5.89	0.38	0.18	0.22	0.66	0.88	1.24	1.84	2.71	3.88
2007	7.46	6.08	0.33	0.16	0.18	0.55	0.82	1.07	1.63	2.52	3.78
2008	7.62	5.29	0.40	0.16	0.16	0.54	0.76	0.98	1.58	2.47	3.73

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+
6.14	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	196.80
5.73	8.28	11.70	18.77	30.54	49.36	78.00	117.24	195.47
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	194.70
5.97	8.40	11.91	17.20	28.97	45.53	74.04	112.18	188.06
5.71	8.30	12.26	17.70	27.66	45.62	71.99	112.37	184.45
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	169.75
5.50	8.24	12.17	17.95	25.30	39.89	64.46	102.14	171.65
5.28	8.33	11.44	17.23	24.99	38.40	59.94	97.30	158.10
5.23	7.70	11.44	16.89	24.85	37.04	60.29	97.88	156.38
5.27	7.67	11.13	16.93	24.72	36.74	59.15	95.51	154.67
5.30	7.34	10.96	16.24	24.16	35.90	56.96	90.58	150.40
5.09	7.32	10.95	16.01	24.59	35.87	55.68	89.47	146.81
5.03	7.03	10.42	15.53	23.42	35.00	54.36	86.76	142.93
5.00	7.07	10.04	15.28	23.21	34.63	53.53	83.84	142.97
5.13	7.08	10.24	15.03	22.59	35.17	53.97	84.39	141.32
5.26	7.06	10.19	15.51	22.53	34.73	54.36	84.63	144.18
5.22	7.13	9.78	14.14	21.17	33.38	50.40	78.17	132.49
5.09	6.83	9.53	13.98	21.29	33.25	51.41	77.69	133.97
5.08	6.80	9.43	13.86	20.49	33.39	51.10	78.53	138.49

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
1979	3.87	9.88	1.24	0.38	0.32	0.66	0.77	0.81	1.05	1.44	2.51
1980	3.92	9.92	1.22	0.34	0.32	0.88	0.80	0.81	1.02	1.47	2.19
1981	4.00	9.44	1.11	0.33	0.34	0.54	0.74	0.82	0.95	1.44	2.05
1982	3.90	8.34	1.15	0.33	0.30	0.59	0.70	0.75	0.94	1.40	2.00
1983	4.00	7.55	0.94	0.36	0.31	0.50	0.70	0.80	0.83	1.36	1.99
1984	3.84	7.15	0.83	0.35	0.26	0.47	0.67	0.72	0.85	1.29	1.93
1985	3.91	6.87	0.88	0.30	0.28	0.45	0.65	0.72	0.92	1.27	1.82
1986	3.97	6.18	0.79	0.30	0.26	0.52	0.65	0.69	0.89	1.23	1.82
1987	3.96	5.10	0.72	0.33	0.26	0.54	0.63	0.71	0.90	1.19	1.76
1988	4.16	5.94	0.68	0.28	0.30	0.54	0.62	0.71	0.88	1.15	1.61
1989	4.12	5.90	0.74	0.29	0.32	0.55	0.64	0.76	0.91	1.23	1.71
1990	4.15	5.56	0.68	0.29	0.28	0.55	0.62	0.74	0.90	1.22	1.76
1991	4.12	5.07	0.64	0.27	0.26	0.49	0.58	0.70	0.84	1.18	1.56
1992	4.24	4.86	0.64	0.28	0.27	0.49	0.56	0.65	0.83	1.10	1.63
1993	4.20	4.88	0.64	0.26	0.27	0.49	0.60	0.68	0.85	1.11	1.62
1994	4.20	5.04	0.52	0.23	0.26	0.49	0.60	0.68	0.78	1.10	1.59
1995	4.40	6.69	0.53	0.22	0.27	0.49	0.60	0.62	0.84	1.07	1.62
1996	4.43	7.08	0.57	0.23	0.25	0.48	0.52	0.63	0.78	1.12	1.55
1997	4.35	6.75	0.56	0.22	0.24	0.46	0.46	0.59	0.74	1.07	1.51
1998	4.39	6.35	0.52	0.22	0.23	0.42	0.47	0.53	0.72	1.08	1.48
1999	4.51	6.45	0.52	0.29	0.29	0.43	0.49	0.57	0.75	1.06	1.49
2000	4.41	6.42	0.45	0.18	0.20	0.38	0.45	0.53	0.70	0.97	1.47
2001	4.43	5.76	0.38	0.17	0.17	0.39	0.43	0.46	0.66	0.97	1.40
2002	4.47	5.63	0.44	0.16	0.15	0.33	0.40	0.49	0.63	0.93	1.35
2003	4.57	5.31	0.37	0.18	0.17	0.33	0.39	0.47	0.65	0.92	1.29
2004	4.61	5.31	0.38	0.16	0.17	0.31	0.40	0.46	0.65	0.91	1.40
2005	4.72	5.15	0.35	0.15	0.16	0.35	0.44	0.53	0.70	0.91	1.29
2006	4.56	4.99	0.27	0.14	0.14	0.28	0.40	0.50	0.63	0.86	1.32
2007	4.76	4.83	0.27	0.15	0.11	0.25	0.38	0.48	0.60	0.81	1.25
2008	4.84	4.68	0.34	0.14	0.12	0.25	0.35	0.45	0.61	0.85	1.25

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+
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	189.30
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	171.69
2.84	4.56	6.72	11.53	19.75	35.28	60.34	103.22	184.05
2.80	4.12	6.45	11.04	19.83	33.96	57.80	97.42	168.27
2.56	4.04	6.53	10.71	18.93	32.82	59.15	92.89	168.98
2.65	4.15	6.21	10.51	17.84	31.42	56.30	92.10	164.68
2.62	3.88	6.14	10.38	17.63	31.65	56.82	93.34	169.79
2.59	3.84	6.31	10.08	16.96	29.38	51.88	88.04	162.30
2.46	3.86	6.13	9.72	16.13	28.56	51.18	83.17	159.97
2.42	3.73	6.05	9.87	16.58	29.10	51.26	85.94	161.84
2.41	3.85	5.99	9.78	15.94	27.84	49.54	85.03	159.14
2.29	3.58	5.58	9.48	15.82	25.82	46.88	81.60	152.88
2.17	3.52	5.53	9.33	15.79	25.57	43.72	79.09	152.51
2.24	3.46	5.60	9.20	14.99	26.16	43.13	76.52	152.32
2.15	3.24	5.42	8.35	14.25	24.29	41.99	72.81	146.55
2.07	3.18	5.49	8.32	13.88	23.98	39.91	70.46	144.19
1.98	3.08	4.97	8.04	13.73	23.54	39.00	69.19	141.40
1.98	3.11	4.91	8.01	13.69	23.14	38.78	66.54	141.41
2.01	3.03	4.51	7.68	12.99	22.05	36.22	67.71	138.67
1.95	3.02	4.61	7.34	12.46	21.50	36.88	64.51	138.59
1.81	2.89	4.49	7.10	11.62	20.14	34.33	58.76	124.38
1.89	2.82	4.27	6.99	11.59	19.73	33.91	59.68	130.54
1.88	2.64	3.96	6.71	10.89	19.41	33.30	58.80	130.72

Table 17. Life expectation

Year	Male								
	0	10	20	30	40	50	60	70	80
1979	69.36	60.69	51.24	42.07	32.99	24.45	16.70	10.37	5.77
1980	69.57	60.91	51.43	42.23	33.18	24.66	16.86	10.51	5.80
1981	69.74	60.99	51.51	42.34	33.28	24.78	17.01	10.68	5.94
1982	69.84	60.96	51.44	42.22	33.14	24.62	16.80	10.21	5.54
1983	69.90	60.97	51.47	42.24	33.12	24.57	16.71	10.16	5.50
1984	70.46	61.45	51.89	42.63	33.55	25.04	17.18	10.51	5.76
1985	70.82	61.79	52.24	42.99	33.85	25.26	17.37	10.65	5.83
1986	70.97	61.89	52.38	43.14	34.00	25.40	17.48	10.73	5.86
1987	71.09	61.91	52.49	43.27	34.12	25.53	17.62	10.82	5.90
1988	70.99	61.82	52.41	43.24	34.15	25.58	17.75	10.93	5.93
1989	71.10	61.91	52.49	43.31	34.24	25.72	17.88	11.04	6.05
1990	71.33	62.11	52.63	43.41	34.35	25.76	17.93	11.11	6.12
1991	71.83	62.58	53.06	43.86	34.79	26.19	18.36	11.49	6.41
1992	71.78	62.54	53.02	43.78	34.71	26.09	18.25	11.41	6.27
1993	71.61	62.31	52.83	43.61	34.53	25.93	18.05	11.39	6.62
1994	71.81	62.54	53.04	43.77	34.72	26.15	18.33	11.50	6.47
1995	71.85	62.66	53.13	43.91	34.85	26.26	18.44	11.65	6.41
1996	72.38	63.18	53.62	44.34	35.30	26.73	19.01	12.34	7.17
1997	72.97	63.74	54.14	44.82	35.80	27.23	19.49	12.82	7.63
1998	73.12	63.95	54.35	45.01	35.96	27.40	19.59	12.89	7.71
1999	73.33	64.16	54.54	45.17	36.10	27.53	19.70	13.02	7.83
2000	73.83	64.57	54.90	45.51	36.41	27.85	19.99	13.26	8.02
2001	74.07	64.80	55.11	45.67	36.55	27.95	20.09	13.37	8.14
2002	74.58	65.23	55.50	46.06	36.92	28.30	20.37	13.58	8.30
2003	74.77	65.37	55.63	46.16	37.04	28.42	20.47	13.65	8.33
2004	74.68	65.32	55.60	46.13	37.02	28.44	20.52	13.64	8.35
2005	74.50	65.11	55.38	45.96	36.90	28.36	20.42	13.59	8.27
2006	74.86	65.47	55.74	46.29	37.25	28.77	20.89	13.97	8.63
2007	75.46	66.04	56.26	46.74	37.60	29.06	21.08	14.09	8.73
2008 ^P	75.49	...	...	...	...	...	...	...	...

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

²Data included Taiwan-Fukien area beginning 1992.

³The figures apply new calculating methods in 2005, and revised the data since 1996.

Years

Female								
0	10	20	30	40	50	60	70	80
74.47	65.63	55.91	46.32	36.83	27.79	19.39	12.11	6.75
74.55	65.69	55.96	46.37	36.88	27.80	19.49	12.27	6.72
74.64	65.71	55.97	46.37	36.86	27.71	19.27	12.10	6.71
74.86	65.86	56.12	46.49	36.97	27.80	19.31	11.95	6.52
75.08	66.00	56.25	46.63	37.08	27.93	19.42	12.10	6.62
75.53	66.40	56.62	46.98	37.43	28.24	19.67	12.29	6.86
75.81	66.65	56.88	47.23	37.69	28.46	19.88	12.40	6.84
75.88	66.66	56.90	47.25	37.70	28.46	19.82	12.36	6.88
76.31	67.00	57.24	47.59	38.04	28.77	20.09	12.54	6.93
76.21	66.93	57.19	47.54	37.97	28.69	20.06	12.52	6.81
76.47	67.21	57.48	47.85	38.31	29.05	20.34	12.76	7.11
76.75	67.45	57.70	48.06	38.52	29.23	20.51	12.88	7.19
77.14	67.81	58.05	48.39	38.82	29.53	20.79	13.10	7.29
77.19	67.84	58.07	48.39	38.81	29.52	20.74	13.01	7.18
77.52	68.16	58.40	48.74	39.16	29.88	21.13	13.37	7.44
77.76	68.36	58.60	48.94	39.35	30.04	21.29	13.44	7.43
77.74	68.45	58.69	49.02	39.44	30.13	21.35	13.57	7.57
78.05	68.82	59.05	49.36	39.77	30.46	21.71	13.93	7.91
78.61	69.35	59.58	49.86	40.27	30.93	22.11	14.29	8.19
78.93	69.66	59.87	50.14	40.55	31.19	22.37	14.59	8.40
78.98	69.72	59.95	50.24	40.65	31.31	22.50	14.67	8.45
79.56	70.25	60.44	50.71	41.09	31.74	22.89	14.95	8.65
79.92	70.56	60.74	50.99	41.36	31.99	23.15	15.21	8.84
80.24	70.87	61.03	51.28	41.63	32.24	23.33	15.35	8.95
80.33	70.93	61.09	51.33	41.69	32.29	23.38	15.40	8.98
80.75	71.35	61.51	51.75	42.11	32.74	23.78	15.74	9.19
80.80	71.37	61.54	51.81	42.18	32.78	23.84	15.73	9.17
81.41	71.95	62.09	52.35	42.71	33.31	24.38	16.28	9.73
81.72	72.24	62.36	52.60	42.94	33.53	24.53	16.37	9.70
82.01	...	...	...	...	...	...	...	...

Table 18. Live births by age of mother

Year	By age of Mother					
	Total	under 15	15-19	20-24	25-29	30-34
1979	422 518	422	33 540	178 576	164 784	35 132
1980	412 557	500	32 309	168 682	164 875	36 962
1981	412 779	353	30 087	165 158	168 013	41 337
1982	404 006	350	28 376	159 740	162 944	45 054
1983	382 153	326	24 268	149 280	155 148	45 833
1984	369 725	322	21 252	141 305	152 914	46 496
1985	345 053	271	18 013	126 990	146 088	46 217
1986	308 187	295	16 124	109 476	130 736	43 769
1987	313 062	239	14 524	105 173	138 166	46 352
1988	341 054	263	14 673	105 537	155 487	54 638
1989	314 553	264	14 404	92 718	140 540	54 973
1990	334 872	310	14 603	93 400	152 142	61 598
1991	321 276	281	14 652	85 403	143 737	62 985
1992	321 632	223	15 009	82 798	141 337	66 891
1993	325 613	318	15 724	81 667	140 108	71 025
1994	322 938	336	15 725	76 825	136 939	75 184
1995	329 581	355	16 315	75 889	137 720	79 099
1996	325 545	319	16 286	73 308	133 009	81 142
1997	326 002	280	14 810	72 270	132 751	83 243
1998	271 450	212	13 303	61 256	104 894	69 630
1999	283 661	180	12 286	62 099	111 251	75 614
2000	305 312	162	12 844	69 037	115 813	82 286
2001	260 354	190	11 755	60 485	95 039	69 688
2002	247 530	129	10 562	56 210	92 281	66 441
2003	227 070	116	8 686	50 342	84 737	61 830
2004	216 419	102	7 524	46 190	81 224	60 089
2005	205 854	90	6 484	40 308	76 913	59 561
2006	204 459	83	4 941	36 262	76 525	62 926
2007	204 414	54	4 382	30 985	75 669	68 122
2008	198 733	42	3 817	26 214	72 361	69 720

Notes : ¹ All figures were based on registration.² Data included Taiwan-Fukien area beginning 1992.

and number of births

(persons)				Number of births (%)		
35-39	40-44	45-49	50+	Legitimate	Illegitimate	Abandoned
8 068	1 814	156	26	98.51	1.45	0.04
7 270	1 721	185	53	98.32	1.64	0.04
6 197	1 445	148	41	98.48	1.47	0.05
5 961	1 412	129	40	98.37	1.57	0.05
5 981	1 188	107	22	98.32	1.62	0.07
6 290	1 021	88	37	98.14	1.78	0.08
6 475	899	75	25	98.13	1.79	0.08
6 868	795	78	46	98.02	1.90	0.08
7 781	745	60	22	97.99	1.91	0.10
9 599	767	60	30	98.00	1.90	0.11
10 645	938	52	19	97.69	2.20	0.12
11 658	1 076	57	28	97.79	2.07	0.14
12 886	1 254	50	28	97.61	2.26	0.13
13 899	1 409	46	20	97.70	2.21	0.10
15 100	1 592	50	29	97.68	2.25	0.07
16 103	1 762	42	22	97.67	2.27	0.06
18 108	1 996	65	34	97.16	2.78	0.05
19 220	2 155	80	26	97.12	2.84	0.04
20 345	2 202	88	13	97.05	2.92	0.03
19 818	2 212	77	48	96.55	3.42	0.03
19 763	2 340	88	40	96.77	3.20	0.03
22 314	2 704	116	36	96.72	3.26	0.02
20 485	2 544	101	67	96.35	3.62	0.02
19 318	2 482	82	25	96.36	3.61	0.03
18 680	2 584	75	20	96.44	3.54	0.03
18 617	2 566	74	33	96.33	3.64	0.03
19 770	2 618	87	23	95.98	4.01	0.02
20 811	2 801	91	19	95.80	4.19	0.02
22 247	2 853	95	7	95.58	4.39	0.03
23 338	3 131	102	8	95.86	4.12	0.02

Table 19. Household appliances

End of Year	Color T. V. set	DVD	Air conditioner	Washing machine	Cable T.V.
1979	58.6	-	11.7	60.1	-
1980	69.3	-	14.4	64.7	-
1981	77.9	-	16.4	68.9	-
1982	83.1	-	17.2	70.5	-
1983	87.8	-	19.7	73.7	-
1984	90.4	-	22.9	75.5	-
1985	92.3	-	24.0	77.8	-
1986	94.4	-	25.5	79.5	-
1987	95.8	-	28.7	81.3	-
1988	97.3	-	34.3	84.0	-
1989	97.8	-	41.7	86.8	-
1990	98.3	-	47.3	88.8	-
1991	99.2	1.7	52.4	89.5	-
1992	99.3	2.4	56.1	90.4	-
1993	99.3	3.2	60.7	91.5	-
1994	99.4	4.0	64.0	92.3	43.4
1995	99.3	4.2	67.1	92.8	54.2
1996	99.3	5.1	71.7	93.0	59.6
1997	99.5	5.7	73.8	94.0	66.0
1998	99.2	6.4	76.2	93.9	68.1
1999	99.3	7.3	78.9	94.7	67.9
2000	99.5	13.5	79.5	95.4	72.0
2001	99.3	22.5	80.5	95.1	72.3
2002	99.6	32.9	83.1	96.0	74.8
2003	99.5	40.1	84.5	96.6	76.1
2004	99.5	46.0	85.7	96.9	78.5
2005	99.5	48.6	85.7	96.7	79.0
2006	99.6	53.5	87.5	97.1	79.8
2007	99.4	52.7	87.6	97.5	79.9
2008	99.4	44.1	87.6	97.3	81.7

saturation

%

Geyser	Movies Camera	Telephone	Automobile	Motorcycle	Personal computer
43.5	1.0	41.1	4.1	58.8	-
50.8	1.6	51.1	5.1	63.5	-
53.9	1.2	60.9	6.4	67.2	-
56.1	1.1	67.7	7.2	68.5	-
60.5	0.8	74.4	9.3	70.3	1.5
65.0	0.7	79.6	10.4	70.6	1.9
68.1	0.7	82.1	11.9	71.9	2.3
72.2	0.8	85.3	13.6	72.8	2.9
76.5	0.8	87.2	15.5	73.8	3.6
80.5	1.1	89.1	19.2	75.3	4.0
83.5	1.5	91.5	24.9	76.8	5.4
87.1	2.3	93.1	29.1	77.5	6.8
90.8	3.2	94.8	33.7	79.2	9.6
91.8	4.4	95.1	38.9	78.5	11.8
93.1	4.7	96.0	41.1	79.5	13.6
93.9	5.9	96.5	45.5	80.8	15.3
94.4	6.0	96.7	48.0	79.9	18.5
91.0	7.2	97.5	51.2	80.8	22.6
92.4	8.2	97.5	53.8	80.2	28.4
92.3	8.0	97.6	54.5	80.0	32.3
93.7	8.8	98.0	54.3	79.2	38.9
94.5	8.6	98.0	55.6	79.4	46.5
93.9	8.9	97.8	55.6	79.7	50.9
95.6	9.4	97.9	58.2	81.0	56.8
95.9	9.5	97.8	57.4	81.0	58.7
96.7	10.3	97.6	58.0	80.8	62.4
96.2	9.8	97.6	58.4	80.9	63.2
96.8	10.1	97.4	59.1	81.7	66.1
97.2	8.7	96.7	58.7	83.0	67.1
97.0	7.9	96.0	58.4	82.2	69.3

Table 20. Population projections (2008-2056)

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

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

MANPOWER

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

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

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

Labor force -- It is defined as those civilians who, during the reference week, are 15 years of age or over and who are available to work, including both the employed and the unemployed. The employed population comprise all the persons who, during the reference week, work for pay or work for 15 hours or more as unpaid family workers. The unemployed population comprise all the persons who, during the reference week, are 15 years of age or over and under the following conditions: (1) no job, (2) available to work, (3) seeking for a job, or had sought work but waiting for result. Besides, the unemployed population also includes the persons who are waiting to recall or start a new job but not working and paid yet.

Not in Labor Force -- The category comprises those civilians who during the reference week are 15 years or over and not in labor force, including the persons who intend to work but not seeking for , attending school, being engaged in housekeeping, aged, disabled, as well as, not working and not seeking for a job.

Number of Employees -- The employees refer to those white and blue collar workers on payroll at the end of a month, including full-time and part-time workers, permanent workers, temporary workers under projects, contract workers, students working under cooperation programs between industries and schools (excluding who do not work for a full month), and apprentices with pay. Also included are those who are temporarily on leave, such as going abroad on official trip, training, transfer, military training, education, illness, vacation, marriage, and child delivery. However, excluded are: (1) employers participating the operation without pay, own-account workers, and unpaid family workers, (2) members of boards of directors, supervisors and advisors not actually participating the operation, (3) 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 *Yearbook of Labor Statistics, Taiwan Area, Republic of China* published by the Council of Labor Affairs.

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

Table 21. Important labor force status

Thousands

Year	Total population	Persons aged 15 years and over		Labor force						Not in labor force	
				Total		Employed		Unemployed			
		Both sexes	Female	Both sexes	Female	Both sexes	Female	Both sexes	Female	Both sexes	Female
Ave. 1979	17 307	11 092	5 504	6 515	2 159	6 432	2 126	83	33	4 577	3 345
Ave. 1980	17 642	11 378	5 664	6 629	2 223	6 547	2 191	82	33	4 749	3 441
Ave. 1981	17 974	11 698	5 833	6 764	2 261	6 672	2 224	92	37	4 934	3 572
Ave. 1982	18 293	12 013	5 990	6 959	2 354	6 811	2 301	149	53	5 054	3 636
Ave. 1983	18 603	12 263	6 126	7 266	2 580	7 070	2 509	197	71	4 996	3 546
Ave. 1984	18 865	12 544	6 267	7 491	2 713	7 308	2 647	183	67	5 052	3 553
Ave. 1985	19 132	12 860	6 420	7 651	2 790	7 428	2 709	222	81	5 210	3 630
Ave. 1986	19 363	13 161	6 565	7 945	2 988	7 733	2 912	212	75	5 216	3 577
Ave. 1987	19 559	13 432	6 700	8 183	3 118	8 022	3 057	161	61	5 248	3 581
Ave. 1988	19 781	13 696	6 840	8 247	3 116	8 107	3 064	139	52	5 449	3 724
Ave. 1989	20 008	13 955	6 966	8 390	3 159	8 258	3 110	132	49	5 565	3 807
Ave. 1990	20 233	14 219	7 102	8 423	3 160	8 283	3 108	140	52	5 795	3 942
Ave. 1991	20 456	14 496	7 240	8 569	3 214	8 439	3 165	130	49	5 927	4 026
Ave. 1992	20 652	14 771	7 370	8 765	3 304	8 632	3 252	132	52	6 006	4 066
Ave. 1993	20 841	15 087	7 522	8 874	3 377	8 745	3 323	128	54	6 213	4 145
Ave. 1994	21 037	15 401	7 677	9 081	3 485	8 939	3 428	142	58	6 321	4 191
Ave. 1995	21 217	15 687	7 832	9 210	3 551	9 045	3 487	165	64	6 478	4 281
Ave. 1996	21 383	15 932	7 972	9 310	3 648	9 068	3 560	242	88	6 621	4 324
Ave. 1997	21 569	16 170	8 109	9 432	3 701	9 176	3 613	256	88	6 738	4 407
Ave. 1998	21 784	16 448	8 260	9 546	3 767	9 289	3 679	257	88	6 902	4 493
Ave. 1999	21 957	16 687	8 376	9 668	3 856	9 385	3 761	283	95	7 020	4 521
Ave. 2000	22 126	16 963	8 511	9 784	3 917	9 491	3 821	293	95	7 178	4 594
Ave. 2001	22 281	17 179	8 628	9 832	3 977	9 383	3 830	450	148	7 347	4 651
Ave. 2002	22 397	17 387	8 745	9 969	4 074	9 454	3 907	515	167	7 417	4 671
Ave. 2003	22 493	17 572	8 849	10 076	4 172	9 573	3 994	503	177	7 495	4 677
Ave. 2004	22 574	17 760	8 954	10 240	4 272	9 786	4 106	454	166	7 520	4 682
Ave. 2005	22 651	17 949	9 058	10 371	4 359	9 942	4 190	428	169	7 578	4 700
Ave. 2006	22 738	18 166	9 175	10 522	4 467	10 111	4 301	411	166	7 644	4 708
Ave. 2007	22 821	18 392	9 297	10 713	4 597	10 294	4 426	419	171	7 679	4 700
Ave. 2008	22 905	18 623	9 422	10 853	4 680	10 403	4 501	450	179	7 770	4 742

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. 1979	37.64	58.73	77.95	39.23	9.26	37.16	57.99	98.73	1.27
Ave. 1980	37.58	58.26	77.11	39.25	8.48	37.11	57.55	98.77	1.23
Ave. 1981	37.63	57.82	76.78	38.76	8.55	37.12	57.04	98.64	1.36
Ave. 1982	38.04	57.93	76.47	39.30	8.48	37.23	56.69	97.86	2.14
Ave. 1983	39.06	59.26	76.36	42.12	9.11	38.00	57.65	97.29	2.71
Ave. 1984	39.71	59.72	76.11	43.30	9.07	38.74	58.26	97.55	2.45
Ave. 1985	39.99	59.49	75.47	43.46	9.74	38.83	57.76	97.09	2.91
Ave. 1986	41.03	60.37	75.15	45.51	10.53	39.94	58.76	97.34	2.66
Ave. 1987	41.84	60.93	75.24	46.54	10.59	41.02	59.73	98.03	1.97
Ave. 1988	41.69	60.21	74.83	45.56	9.64	40.99	59.19	98.31	1.69
Ave. 1989	41.93	60.12	74.84	45.35	10.34	41.27	59.18	98.43	1.57
Ave. 1990	41.63	59.24	73.96	44.50	9.77	40.94	58.25	98.33	1.67
Ave. 1991	41.89	59.11	73.80	44.39	9.93	41.25	58.22	98.49	1.51
Ave. 1992	42.44	59.34	73.78	44.83	9.69	41.80	58.44	98.49	1.51
Ave. 1993	42.58	58.82	72.67	44.89	9.83	41.96	57.97	98.55	1.45
Ave. 1994	43.17	58.96	72.44	45.40	9.68	42.49	58.04	98.44	1.56
Ave. 1995	43.41	58.71	72.03	45.34	9.79	42.63	57.66	98.21	1.79
Ave. 1996	43.54	58.44	71.13	45.76	8.95	42.41	56.92	97.40	2.60
Ave. 1997	43.73	58.33	71.09	45.64	8.76	42.54	56.74	97.28	2.72
Ave. 1998	43.82	58.04	70.58	45.60	8.51	42.64	56.48	97.31	2.69
Ave. 1999	44.03	57.93	69.93	46.03	7.92	42.74	56.24	97.08	2.92
Ave. 2000	44.22	57.68	69.42	46.02	7.71	42.90	55.95	97.01	2.99
Ave. 2001	44.13	57.23	68.47	46.10	7.39	42.11	54.62	95.43	4.57
Ave. 2002	44.51	57.34	68.22	46.59	7.79	42.21	54.38	94.83	5.17
Ave. 2003	44.80	57.34	67.69	47.14	7.78	42.56	54.48	95.01	4.99
Ave. 2004	45.36	57.66	67.78	47.71	7.42	43.35	55.10	95.56	4.44
Ave. 2005	45.78	57.78	67.62	48.12	7.27	43.89	55.39	95.87	4.13
Ave. 2006	46.28	57.92	67.35	48.68	7.58	44.47	55.66	96.09	3.91
Ave. 2007	46.94	58.25	67.24	49.44	8.13	45.11	55.97	96.09	3.91
Ave. 2008	47.38	58.28	67.09	49.67	8.10	45.42	55.86	95.86	4.14

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

Thousands

Year	Total	Intend to work but not seeking for	Attending school or rebrushing to take entrance exams	Busy in house keeping	Old aged and disabled	Others
Ave. 1979	4 577	62	1 207	2 432	668	208
Ave. 1980	4 749	55	1 269	2 473	708	244
Ave. 1981	4 934	60	1 303	2 575	756	241
Ave. 1982	5 054	68	1 337	2 587	782	280
Ave. 1983	4 996	77	1 337	2 482	805	296
Ave. 1984	5 052	77	1 383	2 452	842	298
Ave. 1985	5 210	86	1 426	2 491	885	322
Ave. 1986	5 216	90	1 448	2 418	914	346
Ave. 1987	5 248	80	1 488	2 391	953	336
Ave. 1988	5 449	75	1 561	2 460	1 015	338
Ave. 1989	5 565	75	1 588	2 513	1 051	338
Ave. 1990	5 795	85	1 662	2 597	1 100	351
Ave. 1991	5 927	85	1 721	2 636	1 155	329
Ave. 1992	6 006	68	1 778	2 606	1 220	335
Ave. 1993	6 213	84	1 890	2 596	1 304	338
Ave. 1994	6 321	86	1 909	2 611	1 368	347
Ave. 1995	6 478	107	1 951	2 624	1 438	357
Ave. 1996	6 621	119	2 003	2 595	1 527	376
Ave. 1997	6 738	107	2 059	2 607	1 592	373
Ave. 1998	6 902	115	2 089	2 642	1 656	399
Ave. 1999	7 020	142	2 090	2 639	1 704	444
Ave. 2000	7 178	147	2 129	2 673	1 766	463
Ave. 2001	7 347	201	2 156	2 673	1 831	486
Ave. 2002	7 417	225	2 139	2 672	1 865	517
Ave. 2003	7 495	229	2 154	2 634	1 921	558
Ave. 2004	7 520	230	2 147	2 567	1 994	580
Ave. 2005	7 578	209	2 155	2 523	2 075	616
Ave. 2006	7 644	198	2 190	2 445	2 121	691
Ave. 2007	7 679	191	2 187	2 386	2 146	769
Ave. 2008	7 770	168	2 178	2 376	2 211	838

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. 1979	6 515	868	966	1 086	690	670	596	551	499	342	182	65
Ave. 1980	6 629	813	975	1 148	735	681	614	552	514	353	182	63
Ave. 1981	6 764	778	986	1 181	829	666	628	547	519	370	193	67
Ave. 1982	6 959	743	1 006	1 212	975	640	649	555	521	387	203	68
Ave. 1983	7 266	716	1 043	1 266	1 091	685	671	569	520	411	218	76
Ave. 1984	7 491	671	1 064	1 314	1 166	740	688	588	521	431	228	80
Ave. 1985	7 651	633	1 057	1 341	1 226	825	678	604	515	440	240	92
Ave. 1986	7 945	620	1 083	1 383	1 289	954	670	633	515	447	246	106
Ave. 1987	8 183	587	1 096	1 421	1 332	1 067	678	650	520	454	267	112
Ave. 1988	8 247	525	1 058	1 449	1 348	1 140	701	659	526	454	279	108
Ave. 1989	8 390	492	1 046	1 471	1 372	1 199	750	662	535	448	293	121
Ave. 1990	8 423	432	1 016	1 478	1 396	1 252	808	654	541	431	294	120
Ave. 1991	8 569	405	1 005	1 482	1 406	1 296	930	626	561	425	305	129
Ave. 1992	8 765	377	999	1 484	1 444	1 342	1 038	637	576	429	307	132
Ave. 1993	8 874	357	984	1 456	1 469	1 367	1 123	659	581	432	305	142
Ave. 1994	9 081	381	979	1 450	1 492	1 399	1 207	706	588	435	295	147
Ave. 1995	9 210	378	948	1 446	1 497	1 427	1 263	784	570	445	295	156
Ave. 1996	9 310	365	928	1 440	1 505	1 448	1 311	887	544	451	283	149
Ave. 1997	9 432	349	933	1 429	1 498	1 471	1 333	987	542	455	285	150
Ave. 1998	9 546	312	947	1 432	1 493	1 501	1 357	1 054	575	449	277	151
Ave. 1999	9 668	303	985	1 422	1 483	1 509	1 382	1 108	622	434	276	144
Ave. 2000	9 784	280	1 003	1 422	1 481	1 520	1 410	1 164	671	419	270	145
Ave. 2001	9 832	246	1 001	1 412	1 475	1 531	1 420	1 211	732	396	265	143
Ave. 2002	9 969	223	992	1 452	1 476	1 519	1 448	1 222	820	395	268	155
Ave. 2003	10 076	192	952	1 482	1 469	1 509	1 478	1 260	895	407	273	160
Ave. 2004	10 240	175	934	1 538	1 458	1 510	1 501	1 303	955	439	271	156
Ave. 2005	10 371	164	892	1 595	1 452	1 508	1 511	1 338	1 010	485	258	158
Ave. 2006	10 522	154	851	1 636	1 479	1 514	1 529	1 352	1 049	548	241	170
Ave. 2007	10 713	155	819	1 640	1 528	1 511	1 533	1 384	1 079	630	246	187
Ave. 2008	10 853	154	777	1 650	1 569	1 512	1 519	1 425	1 107	693	256	191

force by age

Structure (%)											
All ages	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
100.00	13.33	14.83	16.67	10.59	10.28	9.15	8.45	7.66	5.24	2.79	1.00
100.00	12.27	14.71	17.32	11.09	10.27	9.26	8.32	7.75	5.32	2.74	0.95
100.00	11.50	14.58	17.46	12.26	9.84	9.29	8.08	7.67	5.46	2.86	0.99
100.00	10.67	14.46	17.42	14.01	9.20	9.33	7.97	7.48	5.55	2.92	0.98
100.00	9.85	14.36	17.42	15.01	9.42	9.23	7.84	7.16	5.66	3.00	1.04
100.00	8.96	14.21	17.53	15.56	9.88	9.19	7.85	6.95	5.76	3.05	1.07
100.00	8.28	13.82	17.53	16.02	10.79	8.86	7.90	6.73	5.75	3.13	1.20
100.00	7.80	13.64	17.40	16.22	12.00	8.43	7.97	6.48	5.62	3.10	1.33
100.00	7.17	13.39	17.37	16.27	13.04	8.28	7.94	6.36	5.54	3.26	1.37
100.00	6.37	12.83	17.57	16.34	13.82	8.50	7.99	6.38	5.51	3.38	1.30
100.00	5.86	12.47	17.54	16.36	14.30	8.94	7.89	6.38	5.34	3.49	1.44
100.00	5.13	12.07	17.55	16.57	14.87	9.60	7.77	6.43	5.11	3.49	1.42
100.00	4.73	11.72	17.29	16.40	15.13	10.86	7.30	6.54	4.96	3.56	1.51
100.00	4.30	11.40	16.93	16.47	15.31	11.84	7.27	6.57	4.90	3.51	1.51
100.00	4.02	11.08	16.41	16.56	15.40	12.65	7.42	6.55	4.87	3.44	1.60
100.00	4.20	10.78	15.97	16.43	15.40	13.29	7.78	6.48	4.79	3.25	1.62
100.00	4.10	10.30	15.70	16.25	15.50	13.72	8.51	6.19	4.83	3.20	1.69
100.00	3.92	9.96	15.46	16.17	15.55	14.08	9.52	5.85	4.85	3.04	1.60
100.00	3.70	9.89	15.15	15.88	15.59	14.13	10.46	5.75	4.83	3.02	1.59
100.00	3.27	9.92	15.00	15.63	15.72	14.22	11.04	6.02	4.70	2.90	1.58
100.00	3.14	10.18	14.71	15.34	15.61	14.30	11.46	6.43	4.49	2.85	1.49
100.00	2.86	10.25	14.53	15.14	15.54	14.41	11.90	6.85	4.29	2.76	1.48
100.00	2.50	10.18	14.36	15.00	15.57	14.45	12.32	7.44	4.03	2.70	1.45
100.00	2.23	9.95	14.57	14.80	15.23	14.53	12.26	8.22	3.96	2.69	1.56
100.00	1.90	9.45	14.71	14.58	14.98	14.67	12.51	8.88	4.04	2.71	1.58
100.00	1.71	9.12	15.02	14.24	14.74	14.66	12.72	9.33	4.29	2.64	1.53
100.00	1.58	8.60	15.38	14.00	14.54	14.57	12.90	9.74	4.68	2.49	1.52
100.00	1.46	8.09	15.55	14.05	14.39	14.53	12.85	9.97	5.20	2.29	1.61
100.00	1.45	7.64	15.31	14.27	14.10	14.31	12.92	10.07	5.88	2.30	1.74
100.00	1.42	7.16	15.21	14.45	13.93	14.00	13.13	10.20	6.38	2.36	1.76

Table 25. Employed

Year	Total	Agriculture, forestry, fishing & animal husbandry		Mining & quarrying		Manufacturing		Electricity,gas & water		Construction
Ave. 1986	7 733	1 317		33		2 635		34		512
Ave. 1987	8 022	1 226		31		2 821		35		544
Ave. 1988	8 107	1 113		28		2 802		35		577
Ave. 1989	8 258	1 066		24		2 796		35		620
Ave. 1990	8 283	1 064		20		2 653		36		673
Ave. 1991	8 439	1 093		19		2 598		37		715
Ave. 1992	8 632	1 065		18		2 585		37		778
Ave. 1993	8 745	1 005		19		2 483		36		879
Ave. 1994	8 939	976		18		2 485		36		967
Ave. 1995	9 045	954		15		2 449		36		1 003
Ave. 1996	9 068	918		14		2 422		35		928
Ave. 1997	9 176	878		13		2 570		35		885
Ave. 1998	9 289	822		12		2 611		35		865
Ave. 1999	9 385	776		11		2 603		35		843
Ave. 2000	9 491	740		11		2 655		36		832
Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manu- facturing	Electricity & gas supply	Water supply & remediation services	Construc- tion	Wholesale & retail trade	Transpor- tation & storage	
Ave. 2001	9 383	706	10	2 594	28	54	745	1 679	421	
Ave. 2002	9 454	709	9	2 572	28	55	724	1 693	407	
Ave. 2003	9 573	696	9	2 600	29	59	701	1 698	414	
Ave. 2004	9 786	642	7	2 681	29	64	732	1 726	419	
Ave. 2005	9 942	590	7	2 732	28	61	791	1 726	412	
Ave. 2006	10 111	554	7	2 777	28	60	829	1 759	417	
Ave. 2007	10 294	543	6	2 842	28	65	846	1 782	415	
Ave. 2008	10 403	535	6	2 886	28	71	842	1 770	414	

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

persons by industry

Thousands

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

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

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., 1980	6 547	245	253	498	416	968	1 256	2 913
Ave., 1981	6 672	263	255	530	428	1 023	1 237	2 936
Ave., 1982	6 811	258	265	547	455	1 067	1 261	2 957
Ave., 1983	7 070	266	279	567	482	1 126	1 292	3 057
Ave., 1984	7 308	277	293	596	509	1 170	1 266	3 197
Ave. 1985	7 428	287	308	628	511	1 225	1 282	3 187
Ave. 1986	7 733	298	328	674	540	1 264	1 304	3 324
Ave. 1987	8 022	315	357	732	591	1 286	1 212	3 529
Ave. 1988	8 107	347	372	797	623	1 359	1 099	3 510
Ave. 1989	8 258	371	395	863	650	1 397	1 053	3 530
Ave. 1990	8 283	391	427	963	661	1 383	1 054	3 405
Ave. 1991	8 439	408	434	1 019	698	1 410	1 082	3 387
Ave. 1992	8 632	432	462	1 088	732	1 440	1 055	3 424
Ave. 1993	8 745	441	485	1 231	806	1 405	995	3 382
Ave. 1994	8 939	436	479	1 296	839	1 438	965	3 486
Ave. 1995	9 045	436	500	1 338	877	1 479	942	3 473
Ave. 1996	9 068	429	542	1 376	922	1 530	906	3 362
Ave. 1997	9 176	420	560	1 426	938	1 550	865	3 416
Ave. 1998	9 289	425	578	1 498	955	1 597	810	3 426
Ave. 1999	9 385	414	601	1 571	995	1 667	764	3 373
Ave. 2000	9 491	412	610	1 591	1 027	1 712	726	3 413
Ave. 2001	9 383	406	615	1 615	1 025	1 745	695	3 281
Ave. 2002	9 454	424	649	1 662	1 041	1 791	699	3 188
Ave. 2003	9 573	427	678	1 716	1 062	1 817	683	3 191
Ave. 2004	9 786	447	726	1 774	1 106	1 849	629	3 256
Ave. 2005	9 942	449	795	1 834	1 132	1 866	578	3 289
Ave. 2006	10 111	452	831	1 929	1 138	1 926	541	3 293
Ave. 2007	10 294	462	866	2 020	1 133	1 964	531	3 319
Ave. 2008	10 403	461	913	2 134	1 124	1 938	519	3 314

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	3.74	3.86	7.60	6.35	14.78	19.18	44.49
100.00	3.95	3.82	7.94	6.41	15.33	18.55	44.01
100.00	3.79	3.89	8.03	6.68	15.67	18.51	43.42
100.00	3.76	3.95	8.02	6.82	15.93	18.28	43.24
100.00	3.78	4.01	8.16	6.97	16.00	17.32	43.74
100.00	3.86	4.15	8.46	6.88	16.49	17.26	42.90
100.00	3.86	4.24	8.71	6.99	16.35	16.87	42.98
100.00	3.92	4.45	9.13	7.37	16.03	15.11	43.99
100.00	4.28	4.59	9.83	7.68	16.76	13.56	43.29
100.00	4.49	4.78	10.45	7.88	16.92	12.75	42.74
100.00	4.72	5.15	11.63	7.98	16.69	12.73	41.11
100.00	4.84	5.15	12.08	8.27	16.71	12.82	40.14
100.00	5.00	5.35	12.60	8.48	16.68	12.22	39.66
100.00	5.04	5.54	14.08	9.22	16.06	11.38	38.67
100.00	4.88	5.35	14.50	9.39	16.09	10.80	39.00
100.00	4.82	5.53	14.79	9.70	16.35	10.41	38.40
100.00	4.73	5.98	15.18	10.17	16.87	10.00	37.08
100.00	4.58	6.10	15.54	10.22	16.89	9.43	37.23
100.00	4.57	6.22	16.13	10.28	17.20	8.72	36.88
100.00	4.42	6.41	16.74	10.61	17.76	8.14	35.94
100.00	4.34	6.43	16.77	10.82	18.04	7.65	35.96
100.00	4.33	6.56	17.21	10.93	18.59	7.41	34.97
100.00	4.49	6.87	17.58	11.01	18.94	7.39	33.73
100.00	4.46	7.09	17.92	11.09	18.98	7.14	33.33
100.00	4.56	7.42	18.13	11.30	18.89	6.42	33.27
100.00	4.51	8.00	18.45	11.39	18.77	5.81	33.08
100.00	4.47	8.22	19.08	11.26	19.05	5.35	32.56
100.00	4.49	8.41	19.62	11.00	19.08	5.16	32.25
100.00	4.43	8.78	20.51	10.80	18.63	4.99	31.86

Table 27. Employed

Year	Number (Thousands)						
	Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
					Sub-total	Private	Government
Ave. 1979	6 432	266	1 348	717	4 100	3 329	771
Ave. 1980	6 547	290	1 341	701	4 216	3 400	815
Ave. 1981	6 672	301	1 387	695	4 289	3 464	825
Ave. 1982	6 811	291	1 437	716	4 366	3 513	853
Ave. 1983	7 070	283	1 492	783	4 511	3 647	864
Ave. 1984	7 308	298	1 513	787	4 709	3 851	858
Ave. 1985	7 428	319	1 544	804	4 761	3 896	865
Ave. 1986	7 733	331	1 563	840	4 999	4 081	919
Ave. 1987	8 022	342	1 537	794	5 350	4 415	935
Ave. 1988	8 107	365	1 534	772	5 436	4 498	938
Ave. 1989	8 258	381	1 552	759	5 567	4 624	943
Ave. 1990	8 283	399	1 543	744	5 597	4 641	956
Ave. 1991	8 439	431	1 572	770	5 666	4 700	966
Ave. 1992	8 632	437	1 572	768	5 856	4 854	1 002
Ave. 1993	8 745	455	1 539	743	6 008	4 981	1 028
Ave. 1994	8 939	471	1 542	766	6 160	5 159	1 001
Ave. 1995	9 045	480	1 537	767	6 260	5 257	1 003
Ave. 1996	9 068	485	1 538	758	6 287	5 259	1 027
Ave. 1997	9 176	506	1 515	731	6 423	5 400	1 023
Ave. 1998	9 289	506	1 512	715	6 555	5 580	975
Ave. 1999	9 385	511	1 523	726	6 624	5 663	961
Ave. 2000	9 491	513	1 523	710	6 746	5 790	955
Ave. 2001	9 383	492	1 483	681	6 727	5 766	961
Ave. 2002	9 454	492	1 496	695	6 771	5 825	946
Ave. 2003	9 573	496	1 484	695	6 898	5 910	988
Ave. 2004	9 786	510	1 458	686	7 131	6 137	994
Ave. 2005	9 942	503	1 438	666	7 336	6 374	961
Ave. 2006	10 111	517	1 406	647	7 542	6 608	934
Ave. 2007	10 294	523	1 396	641	7 735	6 803	932
Ave. 2008	10 403	508	1 374	619	7 902	6 945	958

persons by class of workers

Structure (%)						
Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
				Sub-total	Private	Government
100.00	4.13	20.96	11.16	63.75	51.76	11.98
100.00	4.43	20.48	10.71	64.39	51.93	12.45
100.00	4.51	20.79	10.41	64.28	51.92	12.36
100.00	4.27	21.11	10.51	64.11	51.59	12.52
100.00	4.00	21.11	11.08	63.81	51.59	12.22
100.00	4.08	20.71	10.77	64.44	52.70	11.74
100.00	4.29	20.79	10.82	64.10	52.45	11.65
100.00	4.28	20.21	10.86	64.65	52.77	11.88
100.00	4.26	19.16	9.90	66.69	55.03	11.66
100.00	4.50	18.92	9.53	67.05	55.48	11.57
100.00	4.61	18.79	9.19	67.41	56.00	11.41
100.00	4.82	18.63	8.98	67.57	56.03	11.54
100.00	5.11	18.63	9.12	67.14	55.69	11.45
100.00	5.06	18.21	8.89	67.84	56.23	11.60
100.00	5.20	17.60	8.50	68.70	56.95	11.75
100.00	5.27	17.25	8.57	68.92	57.72	11.20
100.00	5.31	16.99	8.49	69.21	58.12	11.09
100.00	5.35	16.96	8.36	69.33	58.00	11.33
100.00	5.52	16.51	7.96	70.01	58.85	11.15
100.00	5.45	16.28	7.70	70.57	60.07	10.50
100.00	5.45	16.23	7.73	70.59	60.34	10.24
100.00	5.40	16.05	7.48	71.07	61.01	10.07
100.00	5.24	15.81	7.26	71.69	61.45	10.24
100.00	5.20	15.82	7.36	71.62	61.61	10.01
100.00	5.18	15.50	7.25	72.06	61.74	10.32
100.00	5.21	14.90	7.01	72.87	62.72	10.16
100.00	5.06	14.46	6.70	73.78	64.11	9.67
100.00	5.11	13.90	6.40	74.59	65.35	9.24
100.00	5.08	13.56	6.22	75.14	66.09	9.05
100.00	4.88	13.21	5.95	75.96	66.75	9.21

Table 28. Employed persons

Year	Number (Thousands)							
	Total	Illiterate and self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & graduate school
Ave. 1993	8 745	329	2 187	1 750	759	2 064	954	704
Ave. 1994	8 939	315	2 142	1 804	774	2 151	1 019	732
Ave. 1995	9 045	297	2 064	1 819	767	2 232	1 066	800
Ave. 1996	9 068	268	1 926	1 759	786	2 309	1 162	858
Ave. 1997	9 176	257	1 855	1 765	805	2 304	1 250	938
Ave. 1998	9 289	238	1 747	1 778	854	2 359	1 308	1 005
Ave. 1999	9 385	194	1 621	1 794	874	2 443	1 394	1 065
Ave. 2000	9 491	178	1 545	1 797	877	2 498	1 473	1 123
Ave. 2001	9 383	153	1 449	1 716	859	2 512	1 525	1 169
Ave. 2002	9 454	146	1 385	1 647	857	2 567	1 581	1 271
Ave. 2003	9 573	129	1 324	1 611	869	2 622	1 628	1 391
Ave. 2004	9 786	105	1 271	1 598	883	2 709	1 677	1 542
Ave. 2005	9 942	76	1 223	1 581	873	2 732	1 724	1 733
Ave. 2006	10 111	62	1 144	1 564	865	2 766	1 759	1 951
Ave. 2007	10 294	59	1 078	1 553	886	2 794	1 764	2 161
Ave. 2008	10 403	52	1 011	1 497	881	2 786	1 787	2 389

Table 29. Unemployed persons and unemployment rate

Year	Number (Thousands)							
	Total	Illiterate and self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & graduate school
Ave. 1993	128	1	11	24	14	41	22	15
Ave. 1994	142	1	14	28	14	45	22	18
Ave. 1995	165	1	15	33	17	52	26	21
Ave. 1996	242	3	28	50	23	73	38	28
Ave. 1997	256	3	35	59	24	73	37	25
Ave. 1998	257	2	31	54	25	77	39	28
Ave. 1999	283	3	34	61	26	85	45	29
Ave. 2000	293	2	34	65	27	90	44	31
Ave. 2001	450	2	57	105	44	138	64	40
Ave. 2002	515	3	59	110	50	165	76	51
Ave. 2003	503	3	60	105	48	159	73	55
Ave. 2004	454	1	46	86	42	142	70	66
Ave. 2005	428	1	35	76	41	131	68	77
Ave. 2006	411	1	28	63	37	128	65	89
Ave. 2007	419	1	26	63	37	129	61	102
Ave. 2008	450	1	29	71	40	126	64	120

by educational attainment

Structure (%)							
Total	Illiterate and Self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & graduate school
100.00	3.76	25.01	20.00	8.67	23.60	10.91	8.05
100.00	3.53	23.97	20.18	8.66	24.06	11.39	8.19
100.00	3.28	22.82	20.11	8.48	24.68	11.79	8.85
100.00	2.95	21.24	19.40	8.67	25.47	12.81	9.46
100.00	2.80	20.22	19.24	8.78	25.11	13.62	10.23
100.00	2.56	18.81	19.14	9.20	25.40	14.08	10.82
100.00	2.07	17.27	19.12	9.31	26.03	14.86	11.34
100.00	1.88	16.28	18.93	9.24	26.32	15.52	11.83
100.00	1.63	15.44	18.29	9.15	26.77	16.25	12.46
100.00	1.55	14.65	17.42	9.07	27.15	16.72	13.44
100.00	1.34	13.83	16.83	9.07	27.39	17.01	14.53
100.00	1.08	12.99	16.33	9.02	27.68	17.14	15.76
100.00	0.77	12.31	15.90	8.78	27.48	17.34	17.43
100.00	0.61	11.31	15.47	8.55	27.36	17.40	19.30
100.00	0.57	10.47	15.08	8.61	27.14	17.14	20.99
100.00	0.50	9.72	14.39	8.47	26.78	17.17	22.97

by educational attainment

Unemployment rate (%)							
Total	Illiterate and Self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & graduate school
1.45	0.21	0.51	1.38	1.82	1.95	2.25	2.07
1.56	0.27	0.65	1.53	1.80	2.04	2.12	2.38
1.79	0.40	0.73	1.80	2.12	2.29	2.35	2.52
2.60	1.02	1.45	2.77	2.82	3.06	3.14	3.13
2.72	1.10	1.86	3.25	2.89	3.06	2.85	2.63
2.69	1.04	1.74	2.97	2.85	3.18	2.90	2.67
2.92	1.28	2.08	3.28	2.92	3.35	3.10	2.69
2.99	0.95	2.18	3.50	2.96	3.48	2.90	2.67
4.57	1.60	3.76	5.75	4.86	5.21	4.03	3.32
5.17	1.69	4.09	6.28	5.55	6.04	4.60	3.89
4.99	1.98	4.30	6.11	5.28	5.71	4.32	3.82
4.44	1.35	3.51	5.13	4.52	4.98	4.02	4.11
4.13	1.33	2.79	4.61	4.44	4.57	3.78	4.23
3.91	1.08	2.38	3.89	4.13	4.43	3.55	4.36
3.91	0.89	2.34	3.91	3.97	4.41	3.36	4.51
4.14	1.07	2.74	4.52	4.36	4.33	3.44	4.78

Table 30. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Trade	Transportation & storage	Accommodation & food services
Ave. 1992	31 937	26 938	60 937	31 017	30 825	28 152	32 271	18 209
Ave. 1993	32 875	28 822	64 897	33 927	33 638	30 548	34 767	18 950
Ave. 1994	33 887	30 748	69 330	38 065	34 379	32 089	36 711	20 373
Ave. 1995	35 633	32 489	71 940	39 072	35 278	34 150	39 258	22 316
Ave. 1996	37 354	33 833	79 953	39 304	35 817	34 904	40 983	22 198
Ave. 1997	38 545	35 402	80 437	40 281	37 029	36 406	42 715	23 528
Ave. 1998	40 083	36 431	88 192	41 708	37 886	37 696	44 074	24 039
Ave. 1999	41 432	37 738	91 265	44 729	38 070	38 695	45 072	25 117
Ave. 2000	43 067	38 914	91 805	44 341	38 897	39 541	45 949	26 060
Ave. 2001	44 069	38 412	97 399	46 002	37 746	39 775	48 017	25 973
Ave. 2002	44 804	38 435	93 466	43 917	36 844	39 152	46 509	25 687
Ave. 2003	47 720	39 549	95 191	43 954	37 214	39 610	45 934	24 951
Ave. 2004	46 307	40 657	94 525	42 880	37 916	39 819	46 986	24 813
Ave. 2005	47 671	41 858	91 184	47 647	38 450	39 545	48 618	25 121
Ave. 2006	53 344	42 393	97 230	47 251	39 168	39 380	48 460	24 960
Ave. 2007	51 057	43 169	98 448	44 447	40 327	39 475	49 234	25 500
Ave. 2008	51 499	43 105	89 296	44 649	40 792	39 980	49 800	26 747

Table 31. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Trade	Transportation & storage	Accommodation & food services
Ave. 1992	189.7	201.8	189.3	187.2	191.1	189.1	200.2	197.6
Ave. 1993	192.6	201.9	189.5	190.2	190.9	189.1	198.5	200.7
Ave. 1994	190.8	202.4	189.6	194.4	195.4	189.5	197.6	198.5
Ave. 1995	189.0	201.5	187.0	192.6	194.9	185.5	195.9	192.8
Ave. 1996	188.7	201.1	186.0	194.7	193.3	184.2	196.2	186.4
Ave. 1997	190.6	201.8	184.4	190.8	192.1	186.5	195.9	183.8
Ave. 1998	189.9	198.0	181.9	187.3	188.3	182.9	192.9	184.5
Ave. 1999	185.9	199.0	183.0	184.3	185.5	182.9	190.8	188.9
Ave. 2000	185.4	198.7	182.3	188.0	187.5	182.9	189.6	188.2
Ave. 2001	184.4	184.4	173.0	183.5	180.8	178.2	181.6	175.6
Ave. 2002	188.3	187.5	172.4	182.3	176.2	177.4	180.9	175.7
Ave. 2003	185.5	188.2	171.4	181.7	175.6	176.0	179.2	177.0
Ave. 2004	184.3	190.6	172.2	182.9	177.3	180.1	182.5	169.2
Ave. 2005	181.0	188.8	171.1	184.5	177.7	177.6	180.8	174.0
Ave. 2006	182.7	187.3	171.6	183.9	178.1	175.3	179.9	173.6
Ave. 2007	184.0	187.3	171.3	185.1	176.9	174.8	179.4	172.5
Ave. 2008	184.2	184.7	172.7	186.5	176.4	175.9	179.1	172.3

earnings of employees by industry

N. T. Dollars

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreation	Other services
44 518	46 380	39 911	37 883	25 708	35 670	20 463	21 485
48 781	50 035	42 402	40 699	27 785	37 176	21 124	22 150
52 229	56 462	42 056	40 700	29 018	39 633	22 133	23 205
54 649	54 658	40 614	42 718	32 927	41 623	22 116	25 077
55 873	56 886	40 445	43 217	33 649	44 797	23 532	25 846
58 831	60 597	40 666	45 904	35 394	47 378	24 893	26 929
61 421	59 546	41 719	47 898	34 814	48 920	26 256	29 530
61 260	60 332	44 429	49 574	34 919	51 020	26 524	30 825
62 759	60 872	43 716	49 844	35 277	53 397	27 592	31 335
62 100	62 657	42 277	49 227	35 579	54 484	28 338	29 927
59 239	65 703	40 896	45 672	34 605	53 841	27 888	29 236
60 292	64 645	40 431	47 429	32 871	55 702	27 666	28 947
59 417	66 671	39 781	49 311	32 707	55 341	29 662	29 421
61 381	65 113	38 819	50 890	32 815	55 603	29 898	30 384
61 134	69 054	38 313	51 740	32 622	55 429	31 303	30 203
63 756	75 732	37 877	53 281	33 139	56 603	31 499	29 926
63 888	71 319	40 343	54 524	32 999	58 122	32 053	29 311

working hours of employees by industry

Hours

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreation	Other services
183.0	182.1	195.8	188.2	188.5	187.4	205.8	224.1
183.8	182.8	195.8	187.3	190.7	186.9	207.9	219.9
185.8	180.9	198.5	185.8	193.6	185.5	207.4	215.9
185.1	179.6	194.6	182.4	191.8	185.4	200.1	214.5
184.1	180.9	187.3	181.9	194.1	185.1	196.9	216.0
183.3	180.0	187.1	181.9	195.1	187.6	198.8	213.5
180.9	175.5	185.3	178.4	188.4	187.1	202.8	207.2
177.0	174.6	180.7	181.3	186.9	185.1	202.0	208.1
176.3	173.9	178.3	182.8	192.1	182.5	199.1	208.1
166.2	166.2	172.4	175.8	187.0	178.0	191.6	199.9
169.5	168.6	174.2	175.3	187.2	179.2	191.5	199.9
168.7	168.7	178.1	176.5	189.2	177.0	188.6	197.3
169.4	169.1	185.4	178.3	190.5	176.3	185.2	199.9
168.5	168.0	186.1	175.5	188.9	176.0	184.5	199.5
167.5	168.6	182.6	174.9	191.9	175.3	186.3	201.2
168.2	167.1	177.9	175.2	188.6	175.1	184.7	201.5
169.4	167.5	180.3	176.3	187.9	174.4	181.4	200.0

Table 32. Indexes of labor productivity by industry

2006=100

Year	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade	Accommodation & Eating-drinking places
Ave. 1999	103.40	70.01	73.14	105.88	74.31	99.78
Ave. 2000	97.04	73.82	75.66	101.15	78.46	104.12
Ave. 2001	98.45	75.58	81.10	102.11	78.75	104.52
Ave. 2002	106.92	81.64	83.43	105.61	81.17	95.72
Ave. 2003	94.25	84.84	86.81	104.39	84.11	92.39
Ave. 2004	102.56	88.94	89.96	105.30	86.98	99.92
Ave. 2005	105.63	94.06	96.63	98.50	94.30	99.50
Ave. 2006	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2007	123.40	107.91	101.27	101.88	104.39	101.36
Ave. 2008	117.92	106.83	100.68	100.24	105.52	97.23

Year	Transport , storage & communication	Financing & insurance	Real estate & rental & leasing	Professional , scientific & technical services	Health care services	Cultural , sporting & recreational services	Other services
Ave. 1999	66.65	88.71	82.13	100.47	104.81	84.27	83.03
Ave. 2000	74.05	89.01	84.03	102.55	104.63	91.96	85.35
Ave. 2001	78.19	92.76	87.85	102.47	104.48	96.12	91.97
Ave. 2002	83.61	95.08	94.32	97.16	104.22	87.87	96.65
Ave. 2003	86.54	100.39	92.05	98.77	103.85	90.68	95.47
Ave. 2004	90.49	101.89	89.10	99.20	102.72	92.18	94.23
Ave. 2005	97.18	99.46	87.77	94.45	99.77	95.95	97.18
Ave. 2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2007	102.35	109.93	104.06	99.68	101.85	110.17	103.19
Ave. 2008	103.76	105.78	104.54	100.54	101.14	120.88	103.18

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

Year	Labor unions (Establishments)	Institutional members (Establishments)	Personal members (Persons)
2003	4 185	4 791	2 908 077
2004	4 317	4 866	2 970 716
2005	4 335	4 862	2 992 469
2006	4 500	4 871	2 984 601
2007	4 574	4 912	3 026 508
2008	4 663	5 228	3 043 223
National	76	136	19 111
General federation of labor unions	14	90	-
Federation of industrial labor unions	10	3	-
Federation of occupational labor unions	50	43	-
Occupational labor unions	2	-	19 111
Regional	8	-	168 442
Industrial labor unions	7	-	146 556
Occupational labor unions	1	-	21 886
Export processing zones	46	45	28 964
Federation of industrial labor unions	1	45	-
Industrial labor unions	45	-	28 964
Science-based industrial park	2	-	1 924
Federations of industrial labor unions	-	-	-
Industrial labor unions	2	-	1 924
Provincial level			
Taipei municipality	441	294	555 812
General federation of labor unions	3	287	-
Federation of industrial labor unions	4	7	-
Industrial labor unions	157	-	100 321
Occupational labor unions	277	-	455 491
Kaohsiung municipality	445	422	241 501
General federation of labor unions	3	422	-
Federation of industrial labor unions	3	-	-
Industrial labor unions	89	-	35 522
Occupational labor unions	350	-	205 979
Taiwan province	74	1 014	-
General federation of labor unions	3	137	-
Federation of industrial labor unions	17	236	-
Federation of occupational labor unions	54	641	-
County/City	3 571	3 317	2 027 469
General federation of labor unions	54	3 317	-
Industrial labor unions	659	-	210 002
Occupational labor unions	2 858	-	1 817 467

Table 34. Occupational

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

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

³ The current data can not be compared with the data prior to 2004 due to categories of occupational revised tables and the method was amended in 2005.

injuries

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

Table 35. Labor

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

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

²Unresolving cases occurred in the previous year are included.

³The time series before 1988 included the settlements by legal channels.

Dispute

dispute ¹ (Cases)					Workers involved		Method ² (Cases)		
Occupational hazards	Safety and health	Mass dismiss	Labor union	Others	dispute(worker)	Involvement rate (‰)	Conciliation	Mediation	Arbitration ³
100		-		10	12 344	3.22	858		-
106		-		2	9 069	2.20	892		-
84		-		11	15 486	3.65	1 438		-
138		-		46	11 307	2.58	1 470		-
204		-		19	15 654	2.93	1 584		22
163		-		77	24 237	4.46	1 198		49
206	-	-	2	54	62 391	11.21	1 622	275	2
191	1	-	2	75	34 089	6.09	1 634	245	-
233	-	-	-	35	12 696	2.24	1 567	231	-
224	-	-	2	61	12 394	2.12	1 631	216	1
234	1	-	2	49	37 949	6.32	1 681	189	-
295	-	-	3	18	30 890	5.01	1 852	244	-
272	-	-	2	12	27 342	4.37	2 039	201	-
262	-	-	1	75	21 654	3.44	2 431	241	-
367	-	-	5	59	81 004	12.61	2 230	344	-
493	1	-	5	89	103 568	15.80	3 641	461	-
656	-	-	3	153	30 440	4.60	4 861	946	-
850	-	-	4	269	56 543	8.38	6 603	1 445	-
814	-	-	2	462	58 643	8.72	8 807	2 170	-
824	-	1	6	1 271	105 714	15.61	11 795	2 050	2
866	-	-	4	1 634	28 821	4.18	10 559	1 933	-
922	1	2	5	1 241	32 478	4.55	9 199	1 724	1
1 144	7	5	10	1 207	85 544	11.66	11 756	2 135	-
1 221	-	3	8	1 736	81 639	10.83	12 796	2 388	-
1 393	3	2	11	3 422	121 563	15.72	16 367	2 846	-
dispute ¹ (Cases)					Workers involved		Method ² (Cases)		
Dispute over wages adjustment	Dispute over work years settlement	Dispute over work hours adjustment	Dispute over other adjustment issues		dispute(worker)	Involvement rate (‰)	Conciliation	Mediation	Arbitration ³
69	13	109	119		65 274	8.26	19 546	4 320	-

Table 36. Labor turnover rates

Year	Accession							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Trade	Transportation & storage	Accommodation & food services
Ave. 1992	1.85	3.07	0.43	1.68	3.46	2.79	1.62	5.52
Ave. 1993	1.78	2.95	0.23	1.52	3.41	2.98	1.56	4.73
Ave. 1994	1.45	2.63	0.32	2.59	3.69	3.40	1.32	3.82
Ave. 1995	1.49	2.50	0.25	2.01	3.67	3.27	1.55	4.32
Ave. 1996	1.35	2.20	0.27	2.26	3.01	2.94	1.34	3.97
Ave. 1997	1.27	2.31	0.25	2.01	3.39	3.17	1.46	4.13
Ave. 1998	1.64	2.14	0.10	2.24	3.15	3.29	1.37	3.82
Ave. 1999	0.80	2.22	0.82	3.06	3.82	3.33	1.28	4.10
Ave. 2000	0.77	2.23	0.29	2.73	3.54	3.33	1.34	4.25
Ave. 2001	0.68	1.50	0.33	1.90	3.18	2.69	1.35	3.47
Ave. 2002	1.16	1.96	0.21	2.06	3.43	2.60	1.33	4.45
Ave. 2003	1.20	1.98	0.49	2.01	3.59	2.63	1.44	5.37
Ave. 2004	1.02	2.02	0.27	2.07	3.37	2.52	1.51	5.26
Ave. 2005	1.14	2.03	0.31	1.97	3.09	3.08	1.62	5.04
Ave. 2006	0.88	2.31	0.51	3.12	2.90	3.05	1.71	4.44
Ave. 2007	1.14	2.16	0.42	2.13	2.87	2.63	1.57	4.24
Ave. 2008	1.16	1.77	0.56	2.07	3.24	2.40	1.48	4.47

Year	Separation							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Trade	Transportation & storage	Accommodation & food services
Ave. 1992	1.82	3.08	0.27	1.63	2.48	1.94	1.32	4.83
Ave. 1993	1.82	2.88	0.24	1.60	2.65	2.37	1.48	4.48
Ave. 1994	1.93	2.57	0.37	2.12	3.16	2.45	0.99	3.26
Ave. 1995	2.25	2.67	0.18	2.01	4.07	2.86	1.20	4.19
Ave. 1996	2.07	2.29	0.28	1.84	3.67	3.22	1.43	4.29
Ave. 1997	1.78	2.12	0.36	1.92	3.22	2.79	1.45	4.36
Ave. 1998	2.20	2.26	0.33	2.34	3.84	3.35	1.49	4.15
Ave. 1999	1.80	1.96	0.33	2.70	3.84	2.93	1.27	4.05
Ave. 2000	1.51	2.21	0.37	3.35	4.00	3.22	1.28	4.30
Ave. 2001	1.72	2.08	0.60	2.29	3.88	2.93	1.64	4.35
Ave. 2002	1.68	1.76	0.37	2.25	3.53	2.34	1.40	3.68
Ave. 2003	2.08	1.73	0.44	1.97	3.76	2.58	1.62	4.45
Ave. 2004	1.85	1.78	0.47	2.11	2.98	2.26	1.45	4.17
Ave. 2005	1.94	1.99	0.39	1.99	2.87	2.80	1.66	3.96
Ave. 2006	1.82	2.19	0.41	1.95	2.53	2.98	1.61	3.71
Ave. 2007	1.43	1.99	0.42	1.74	2.82	2.64	1.62	3.97
Ave. 2008	1.53	2.08	0.27	2.15	3.27	2.64	1.61	4.12

of employees by industry

%

Information & food services	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreation	Other services
1.91	1.66	4.36	3.07	3.45	2.09	3.66	2.74
1.83	1.57	4.29	3.53	3.33	2.19	3.34	3.08
1.55	1.91	3.56	3.52	3.82	1.94	3.78	3.10
1.82	2.14	3.69	3.92	4.05	1.97	3.98	2.80
1.67	1.82	2.89	3.20	3.28	1.92	3.50	2.37
2.01	2.28	3.07	3.27	3.57	1.70	3.16	2.54
2.31	1.98	2.69	2.98	4.48	2.04	3.80	2.24
2.32	1.73	2.62	2.70	4.03	2.18	4.07	2.27
2.98	1.69	1.29	2.67	3.88	1.84	4.04	2.26
1.84	1.25	1.06	2.58	4.03	1.19	2.90	1.75
2.03	1.30	2.17	2.88	3.89	1.62	4.31	2.31
1.97	1.82	2.68	2.82	4.24	1.89	4.92	2.23
2.13	1.82	3.66	2.49	4.40	1.95	5.99	1.94
2.39	1.67	3.68	2.59	5.37	1.77	5.68	2.08
2.24	1.75	3.23	2.76	5.41	1.67	5.94	2.03
2.13	1.88	3.84	2.51	5.38	1.53	4.85	1.79
2.02	1.51	3.01	2.22	4.75	1.55	4.07	1.76

Information & food services	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreation	Other services
1.48	1.32	1.71	2.31	2.57	1.52	2.96	2.63
1.44	1.32	2.79	2.80	2.47	1.50	2.69	2.58
0.95	1.06	2.49	2.60	2.55	1.40	3.46	2.89
1.10	1.44	3.21	3.54	3.88	1.55	3.99	2.24
1.40	1.53	2.89	2.97	3.02	1.42	4.41	2.88
1.55	1.65	2.12	3.24	2.85	1.49	2.85	2.73
1.62	1.77	3.21	3.23	4.21	1.71	4.02	2.67
2.00	1.52	3.64	2.73	3.24	1.61	4.75	2.65
2.24	1.55	2.75	2.96	3.69	1.63	4.66	2.23
2.20	1.52	2.58	3.13	4.20	1.18	3.82	2.52
1.90	1.49	2.27	2.78	2.65	1.10	2.91	1.76
1.76	1.51	2.08	2.28	2.71	1.23	3.64	1.49
1.91	1.60	2.66	1.92	3.39	1.41	4.83	1.67
2.11	1.51	3.03	2.25	4.20	1.18	4.87	2.20
2.25	1.90	2.56	2.28	3.73	1.11	4.82	2.04
2.16	1.68	3.39	2.32	4.20	1.17	4.76	1.82
1.71	1.70	3.09	2.17	4.72	1.08	4.34	2.14

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EDUCATION, SCIENCE AND TECHNOLOGY, CULTURE AND MASS COMMUNICATION

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

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

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

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

education is offered to students (age 18 to 21) at the colleges/universities and above (excluding the first three year of the 5-year junior colleges).

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

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

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

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

For additional information on education, please refer to the *Statistical Abstract of Education of the Republic of China*, and the *Statistics on Status of Universities and Colleges of the Republic of China*. For additional information on scientific and technological activities, please refer to the *Science and Technology Yearbook of the Republic of China*. For more information on culture and mass communication, please refer to the *Cultural Statistics*.

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

School Year	Institution (Numbers)		Teaching staff (Persons)				Students enrolled (Persons)			
	Total	Public	Total		Public		Total		Public	
			Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
1979	1 076	375	6 275	6 172	1 249	1 219	165 165	77 247	41 821	19 631
1980	1 186	404	6 690	6 619	1 257	1 234	178 216	83 498	44 934	21 348
1981	1 285	382	7 344	7 276	1 368	1 348	191 693	89 705	48 784	22 939
1982	1 470	374	8 736	8 621	1 306	1 283	193 744	91 367	38 813	18 651
1983	1 719	325	10 160	10 008	1 186	1 158	214 076	101 142	33 809	16 038
1984	2 014	145	11 961	11 805	679	676	234 172	110 132	17 251	8 412
1985	2 210	158	12 471	12 310	766	765	234 674	111 249	17 859	8 677
1986	2 396	550	12 769	12 593	1 838	1 822	238 428	112 901	41 188	19 890
1987	2 518	639	12 994	12 834	2 299	2 267	250 179	119 288	47 569	23 278
1988	2 548	678	13 446	13 284	2 407	2 380	248 498	118 117	47 765	23 193
1989	2 556	688	13 244	13 080	2 560	2 537	242 785	116 036	45 667	22 325
1990	2 505	696	14 508	14 256	2 631	2 627	237 285	113 228	47 388	23 372
1991	2 495	716	14 852	14 628	2 752	2 748	235 099	112 404	48 271	23 796
1992	2 420	716	14 727	14 393	2 892	2 829	231 124	110 531	48 563	24 017
1993	2 435	774	14 998	14 822	2 982	2 982	237 779	113 367	51 113	25 236
1994	2 484	815	15 340	15 158	3 155	3 153	235 150	111 662	53 189	25 885
1995	2 581	883	16 129	15 977	3 419	3 414	240 368	113 416	55 529	27 280
1996	2 660	923	16 076	15 891	3 711	3 696	235 830	111 228	57 679	28 166
1997	2 777	1 009	16 543	16 398	4 005	3 988	230 781	109 546	60 918	29 970
1998	2 874	1 065	17 795	17 584	4 290	4 286	238 787	112 662	64 936	32 067
1999	3 005	1 160	18 168	18 026	4 550	4 545	232 610	110 439	68 563	33 813
2000	3 150	1 230	20 099	19 877	5 045	4 993	243 090	115 898	73 434	36 128
2001	3 234	1 288	19 799	19 600	5 246	5 212	246 303	118 800	75 956	37 217
2002	3 275	1 331	20 457	20 060	5 363	5 302	241 180	115 104	76 382	37 520
2003	3 306	1 358	21 251	20 900	5 362	5 325	240 926	114 494	74 462	36 453
2004	3 252	1 348	20 894	20 551	5 307	5 269	237 155	112 803	73 177	35 972
2005	3 351	1 474	21 833	21 480	5 976	5 933	224 219	106 650	69 186	34 010
2006	3 329	1 507	19 037	18 821	6 324	6 276	201 815	96 410	73 334	36 206
2007	3 283	1 528	17 403	17 204	5 700	5 662	191 773	91 556	73 224	35 984
2008	3 195	1 544	17 369	17 172	5 856	5 819	185 668	88 412	73 329	35 866

Table 38. Education at the first level :

School Year	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1979	2 421	2 399	69 207	34 663	68 400	34 018
1980	2 428	2 406	69 141	35 042	68 337	34 400
1981	2 444	2 422	69 613	35 900	68 801	35 245
1982	2 457	2 435	70 055	36 518	69 236	35 874
1983	2 464	2 442	70 648	37 223	69 838	36 578
1984	2 474	2 452	71 512	38 127	70 695	37 485
1985	2 486	2 464	72 287	39 156	71 481	38 520
1986	2 486	2 464	74 838	40 639	74 023	39 984
1987	2 472	2 450	76 226	42 503	75 424	41 866
1988	2 478	2 456	77 892	44 296	77 078	43 642
1989	2 484	2 462	80 849	47 971	80 015	47 287
1990	2 487	2 465	82 583	49 148	81 768	48 483
1991	2 495	2 473	84 304	50 886	83 492	50 218
1992	2 492	2 470	84 052	50 840	83 228	50 163
1993	2 505	2 483	83 480	50 922	82 647	50 237
1994	2 517	2 495	84 150	52 142	83 299	51 444
1995	2 523	2 501	87 934	55 908	87 063	55 187
1996	2 519	2 497	90 127	57 662	89 262	56 951
1997	2 540	2 518	92 104	59 595	91 242	58 888
1998	2 557	2 535	95 029	62 832	94 172	62 120
1999	2 583	2 560	98 745	65 729	97 895	65 018
2000	2 600	2 575	101 581	67 843	100 669	67 076
2001	2 611	2 586	103 501	69 938	102 581	69 176
2002	2 627	2 597	104 300	70 986	103 172	70 052
2003	2 638	2 609	103 793	70 298	102 653	69 335
2004	2 646	2 611	102 882	69 948	101 618	68 885
2005	2 655	Ⓘ 2 619	Ⓘ 101 662	Ⓘ 69 317	Ⓘ 100 286	Ⓘ 68 159
2006	2 651	2 615	100 692	68 628	99 327	67 483
2007	2 651	2 613	101 352	69 416	99 811	68 144
2008	2 654	2 617	100 182	68 638	98 634	67 371

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
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	1 090 097	2 217 957	1 079 466
354 687	172 254	349 249	169 823	2 273 390	1 103 511	2 248 835	1 092 876
356 176	173 289	352 355	172 478	2 321 700	1 126 230	2 296 919	1 115 526
357 398	173 688	353 605	172 879	2 364 438	1 146 939	2 339 469	1 136 033
390 836	189 824	386 832	188 117	2 400 614	1 164 465	2 375 375	1 153 430
396 248	193 137	392 167	191 372	2 407 166	1 167 311	2 381 229	1 155 897
389 752	188 822	385 720	187 034	2 384 801	1 155 940	2 358 650	1 144 344
406 231	196 882	402 194	195 059	2 354 113	1 140 522	2 328 193	1 128 939
399 710	194 042	394 598	191 742	2 293 444	1 111 804	2 267 458	1 100 171
396 807	192 141	392 802	190 352	2 200 968	1 065 735	2 175 449	1 054 298
395 678	191 843	391 684	190 082	2 111 037	1 021 739	2 085 667	1 010 449
378 491	183 565	374 421	181 768	2 032 361	981 823	2 006 995	970 528
359 708	174 166	355 680	172 373	1 971 439	950 849	1 946 445	939 651
346 756	168 261	342 831	166 479	1 934 756	931 005	1 910 221	920 105
310 968	150 332	307 120	149 502	1 905 690	913 906	1 881 776	903 262
304 850	146 886	301 158	145 243	1 910 681	914 574	1 887 505	904 295
317 847	152 943	314 277	151 356	1 927 179	921 643	1 904 944	911 834
317 581	152 627	314 005	151 067	1 925 981	920 898	1 903 815	910 962
326 223	155 865	322 653	154 322	1 925 491	920 991	1 904 147	911 368
318 718	151 734	315 288	150 162	1 918 034	918 087	1 894 643	907 492
317 510	151 713	313 896	150 075	1 912 791	916 581	1 888 522	905 608
Ⓘ 319 630	Ⓘ 153 342	Ⓘ 316 336	Ⓘ 151 806	1 883 533	903 002	1 857 186	891 104
318 431	152 811	314 052	150 839	Ⓘ 1 831 873	Ⓘ 877 951	Ⓘ 1 804 466	Ⓘ 865 444
317 713	152 887	313 363	150 947	Ⓘ 1 798 393	Ⓘ 861 386	Ⓘ 1 770 189	Ⓘ 848 549
318 641	152 931	313 977	150 823	Ⓘ 1 753 951	Ⓘ 839 541	Ⓘ 1 724 084	Ⓘ 825 963
...	...	...	...	1 677 303	802 269	1 647 536	788 643

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

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1979 Total	1 007	788	68 622	30 828	58 605	26 766
General	823	710	56 682	26 844	51 422	24 565
Vocational	184	78	11 940	3 984	7 183	2 201
Teacher-training	-	-	-	-	-	-
1980 Total	1 023	802	69 698	31 749	59 448	27 458
General	832	721	57 345	27 562	52 014	25 129
Vocational	191	81	12 353	4 187	7 434	2 329
Teacher-training	-	-	-	-	-	-
1981 Total	1 034	814	71 099	32 731	60 511	29 241
General	838	729	57 952	28 195	52 531	26 786
Vocational	196	85	13 147	4 536	7 980	2 455
Teacher-training	-	-	-	-	-	-
1982 Total	1 038	818	73 155	34 010	61 639	29 027
General	836	731	58 713	28 969	53 246	26 447
Vocational	202	87	14 442	5 041	8 393	2 580
Teacher-training	-	-	-	-	-	-
1983 Total	1 047	827	74 873	35 107	62 765	29 776
General	845	740	59 871	29 801	54 121	27 108
Vocational	202	87	15 002	5 306	8 644	2 668
1984 Total	1 046	827	75 775	35 933	63 343	30 346
General	845	740	60 373	30 364	54 527	27 582
Vocational	201	87	15 402	5 569	8 816	2 764
1985 Total	1 052	834	76 563	36 528	63 958	30 937
General	851	746	60 683	30 737	54 756	27 981
Vocational	201	88	15 880	5 791	9 202	2 956
1986 Total	1 055	836	77 849	37 247	64 792	31 227
General	851	747	61 128	30 958	55 094	28 049
Vocational	204	89	16 721	6 289	9 698	3 178
1987 Total	1 059	840	78 747	38 207	65 570	32 085
General	850	746	61 381	31 531	55 338	28 669
Vocational	209	94	17 366	6 676	10 232	3 416
1988 Total	1 063	844	80 062	39 650	66 829	33 307
General	851	750	62 401	32 663	56 363	29 742
Vocational	212	94	17 661	6 987	10 466	3 565

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
495 096	233 111	418 020	195 874	1 593 147	750 763	1 315 638	614 082
401 600	186 942	376 524	176 348	1 264 378	586 641	1 178 549	550 433
93 326	46 095	41 326	19 452	328 395	163 974	136 715	63 501
170	74	170	74	374	148	374	148
504 473	239 701	422 796	200 274	1 605 567	764 995	1 313 862	619 096
405 031	187 308	380 542	180 347	1 256 197	589 373	1 170 126	552 631
99 356	52 353	42 168	19 887	349 138	175 528	143 504	66 371
86	40	86	40	232	94	232	94
497 150	240 793	413 783	202 370	1 627 652	780 780	1 318 704	624 148
395 528	190 573	369 778	181 160	1 253 333	592 075	1 165 260	553 519
101 524	50 185	43 907	21 175	374 206	188 663	153 331	70 587
98	35	98	35	113	42	113	42
514 639	250 654	424 158	207 562	1 663 643	801 973	1 341 183	637 468
403 311	193 123	377 160	185 418	1 269 373	603 912	1 181 854	565 245
111 316	57 525	46 986	22 138	394 258	198 055	159 317	72 217
12	6	12	6	12	6	12	6
525 943	257 136	428 607	209 704	1 682 364	812 423	1 354 703	644 247
404 316	194 513	377 966	185 905	1 277 815	609 070	1 190 440	570 387
121 627	62 623	50 641	23 799	404 549	203 353	164 263	73 860
534 947	257 427	436 357	214 279	1 677 924	813 730	1 344 401	641 381
412 308	195 202	386 228	191 191	1 270 092	607 753	1 181 438	568 155
122 639	62 225	50 129	23 088	407 832	205 977	162 963	73 226
534 853	260 791	437 056	210 458	1 678 767	816 816	1 331 602	636 496
413 112	198 231	386 026	187 026	1 256 983	602 458	1 165 116	560 909
121 741	62 560	51 030	23 432	421 784	214 358	166 486	75 587
525 916	257 124	423 521	208 828	1 691 516	826 998	1 327 828	635 833
402 272	193 195	373 762	185 901	1 253 592	601 103	1 158 083	558 234
123 644	63 929	49 759	22 927	437 924	225 895	169 745	77 599
529 234	267 345	421 264	208 360	1 707 270	840 192	1 339 880	645 327
398 917	199 069	369 399	183 503	1 259 942	606 568	1 162 696	562 977
130 317	68 276	51 865	24 857	447 328	233 624	177 184	82 350
544 304	273 623	429 113	216 247	1 742 116	861 177	1 375 258	664 119
403 911	198 287	372 956	189 331	1 297 884	625 036	1 194 461	579 018
140 393	75 336	56 157	26 916	444 232	236 141	180 797	85 101

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

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1989 Total	1 073	854	81 986	41 576	68 651	35 066
General	859	760	64 299	34 395	58 095	31 376
Vocational	214	94	17 687	7 181	10 556	3 690
1990 Total	1 086	865	84 260	43 364	70 271	36 437
General	870	770	66 557	36 178	59 590	32 719
Vocational	216	95	17 703	7 186	10 681	3 718
1991 Total	1 095	872	87 206	45 563	72 027	37 967
General	883	777	69 206	38 115	61 189	34 119
Vocational	212	95	18 000	7 448	10 838	3 848
1992 Total	1 101	878	89 071	47 180	73 257	39 094
General	890	783	70 739	39 440	62 310	35 178
Vocational	211	95	18 332	7 740	10 947	3 916
1993 Total	1 107	884	91 711	49 560	74 925	40 834
General	898	789	72 875	41 466	63 916	36 870
Vocational	209	95	18 836	8 094	11 009	3 964
1994 Total	1 113	890	93 617	51 403	76 038	42 095
General	907	795	74 465	42 943	64 986	38 017
Vocational	206	95	19 152	8 460	11 052	4 078
1995 Total	1 123	900	96 222	53 551	77 635	43 574
General	920	804	76 562	44 650	66 489	39 405
Vocational	203	96	19 660	8 901	11 146	4 169
1996 Total	1 138	914	98 437	55 087	79 189	44 825
General	934	816	78 246	45 923	67 908	40 552
Vocational	204	98	20 191	9 164	11 281	4 273
1997 Total	1 151	926	99 411	56 234	79 664	45 622
General	947	827	79 001	46 804	68 263	41 202
Vocational	204	99	20 410	9 430	11 401	4 420
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

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
532 682	268 884	428 604	212 261	1 767 835	879 781	1 399 337	681 460
403 857	198 801	373 490	185 108	1 329 695	644 431	1 220 642	595 914
128 825	70 083	55 114	27 153	438 140	235 350	178 695	85 546
562 617	284 483	453 836	224 853	1 818 301	904 743	1 428 828	694 514
434 536	213 471	399 700	197 664	1 369 190	661 997	1 250 723	609 163
128 081	71 012	54 136	27 189	449 111	242 746	178 105	85 351
573 323	289 841	457 226	226 089	1 870 315	929 786	1 449 887	702 500
438 406	214 779	401 852	198 493	1 394 463	672 972	1 267 556	616 186
134 917	75 062	55 374	27 596	475 852	256 814	182 331	86 314
584 447	295 652	458 604	225 492	1 909 625	950 362	1 460 615	707 699
441 667	216 061	402 267	197 939	1 408 904	681 937	1 273 248	620 320
142 780	79 591	56 337	27 553	500 721	268 425	187 367	87 379
614 714	308 639	477 300	233 494	1 941 241	963 970	1 472 445	711 917
461 828	224 758	418 884	205 195	1 426 030	689 151	1 282 145	623 221
152 886	83 881	58 416	28 299	515 211	274 819	190 300	88 696
614 967	309 391	472 439	230 851	1 947 022	967 557	1 462 300	706 269
457 387	223 034	412 938	202 393	1 423 040	688 379	1 271 382	618 274
157 580	86 357	59 501	28 458	523 982	279 178	190 918	87 995
614 291	308 874	468 760	228 574	1 935 613	960 636	1 444 511	696 809
456 361	222 503	408 842	199 991	1 412 201	683 096	1 253 611	609 314
157 930	86 371	59 918	28 583	523 412	277 540	190 900	87 495
621 270	311 154	468 051	227 683	1 908 935	945 015	1 410 920	680 266
458 629	223 183	408 435	199 757	1 388 782	673 103	1 223 805	595 717
162 641	87 971	59 616	27 926	520 153	271 912	187 115	84 549
607 709	304 568	455 351	221 948	1 874 747	926 433	1 369 862	661 564
448 472	218 959	396 512	194 364	1 365 683	664 039	1 185 949	578 833
159 237	85 609	58 839	27 584	509 064	262 394	183 913	82 731
595 872	296 746	439 614	213 735	1 814 202	893 253	1 311 482	633 615
437 319	214 081	382 625	187 807	1 321 147	643 691	1 130 337	552 919
158 553	82 665	56 989	25 928	493 055	249 562	181 145	80 696

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

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1999 Total	1 171	946	98 709	57 105	78 901	46 401
General	972	849	78 506	47 590	67 351	41 691
Vocational	199	97	20 203	9 515	11 550	4 710
2000 Total	1 174	949	98 677	57 775	79 144	47 103
General	986	854	79 865	48 823	67 712	42 322
Vocational	188	95	18 812	8 952	11 432	4 781
2001 Total	1 181	958	98 609	58 674	80 026	48 509
General	1 003	863	81 212	50 402	68 693	43 644
Vocational	178	95	17 397	8 272	11 333	4 865
2002 Total	1 188	965	97 710	58 857	79 484	48 929
General	1 018	870	81 499	51 061	68 437	44 031
Vocational	170	95	16 211	7 796	11 047	4 898
2003 Total	1 192	973	97 738	59 421	79 638	49 555
General	1 028	880	81 967	51 758	68 819	44 655
Vocational	164	93	15 771	7 663	10 819	4 900
2004 Total	1 196	975	97 432	59 722	79 507	49 957
General	1 035	882	81 928	52 112	68 622	44 887
Vocational	161	93	15 504	7 610	10 885	5 070
2005 Total	1 203	987	① 98 499	① 60 735	① 80 027	① 50 575
General	1 046	894	① 82 909	① 53 032	① 69 142	① 45 456
Vocational	157	93	15 590	7 703	10 885	5 119
2006 Total	1 210	991	100 498	62 263	81 879	51 914
General	1 054	899	84 330	54 147	70 427	46 386
Vocational	156	92	16 168	8 116	11 452	5 528
2007 Total	1 216	994	① 102 333	① 63 768	① 83 504	① 53 244
General	1 060	902	① 86 075	① 55 528	① 71 989	① 47 639
Vocational	156	92	16 258	8 240	11 515	5 605
2008 Total	1 217	994	102 958	64 319	84 110	53 751
General	1 061	902	86 488	55 911	72 575	48 073
Vocational	156	92	16 470	8 408	11 535	5 678

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
591 159	294 434	430 494	210 285	1 756 034	861 818	1 269 162	613 753
438 579	215 521	374 084	184 274	1 288 827	628 279	1 089 855	533 462
152 580	78 913	56 410	26 011	467 207	233 539	179 307	80 291
551 631	273 352	400 804	195 619	1 713 489	836 803	1 247 543	604 424
408 255	200 161	345 395	170 146	1 286 123	625 166	1 078 063	526 860
143 376	73 191	55 409	25 473	427 366	211 637	169 480	77 564
546 844	268 986	401 875	194 842	1 684 449	817 970	1 256 947	607 726
412 831	201 414	347 505	169 619	1 306 718	634 979	1 098 938	536 449
134 013	67 572	54 370	25 223	377 731	182 991	158 009	71 277
552 329	270 851	411 034	201 411	1 679 959	810 660	1 264 353	609 195
438 288	213 543	364 122	178 014	1 340 332	650 851	1 120 428	545 620
114 041	57 308	46 912	23 397	339 627	159 809	143 925	63 575
531 365	258 890	409 525	198 418	1 676 970	804 052	1 262 465	604 932
432 258	211 256	366 015	178 977	1 350 974	655 562	1 126 447	547 518
99 107	47 634	43 510	19 441	325 996	148 490	136 018	57 414
Ⓘ 542 853	Ⓘ 261 539	Ⓘ 417 867	Ⓘ 200 664	1 692 721	809 291	1 261 203	603 970
Ⓘ 446 418	Ⓘ 216 594	Ⓘ 376 813	Ⓘ 182 834	1 366 562	662 368	1 130 376	548 912
96 435	44 945	41 054	17 830	326 159	146 923	130 827	55 058
544 551	262 622	410 855	197 933	Ⓘ 1 703 414	Ⓘ 813 764	Ⓘ 1 255 543	Ⓘ 600 446
447 201	217 667	371 251	180 556	Ⓘ 1 371 810	Ⓘ 665 631	Ⓘ 1 126 896	Ⓘ 546 397
97 350	44 955	39 604	17 377	331 604	148 133	128 647	54 049
548 009	264 876	409 229	197 669	Ⓘ 1 707 038	Ⓘ 813 895	Ⓘ 1 256 213	Ⓘ 599 516
448 721	218 880	370 252	180 611	Ⓘ 1 371 484	Ⓘ 664 976	Ⓘ 1 128 267	Ⓘ 546 206
99 288	45 996	38 977	17 058	335 554	148 919	127 946	53 310
556 076	267 841	414 164	198 705	Ⓘ 1 707 242	Ⓘ 813 126	Ⓘ 1 259 443	Ⓘ 600 570
453 886	221 300	374 755	181 778	Ⓘ 1 367 745	Ⓘ 663 842	Ⓘ 1 130 528	Ⓘ 547 339
102 190	46 541	39 409	16 927	339 497	149 284	128 915	53 231
...	...	...	...	1 704 855	812 197	1 259 493	601 358
...	...	...	...	1 358 292	659 461	1 129 783	547 662
...	...	...	...	346 563	152 736	129 710	53 696

Table 40. Education at the third level :

School Year	Institution (Numbers)				Teaching staff (Persons)					
	Total	Public	Junior college	Univ. and college	Total		Public		Junior college	Univ. and college
					Both sexes	Female	Sub-total	Female		
1979	101	33	75	26	16 129	4 345	7 649	1 741	7 194	8 935
1980	104	35	77	27	16 495	4 547	8 086	1 863	7 424	9 071
1981	104	35	77	27	17 452	4 910	8 412	1 933	8 085	9 367
1982	105	36	77	28	18 258	5 082	8 783	1 963	8 395	9 863
1983	105	36	77	28	19 166	5 469	9 075	2 099	8 903	10 263
1984	105	36	77	28	20 061	5 751	9 484	2 254	9 434	10 627
1985	105	36	77	28	20 848	6 156	9 823	2 399	9 944	10 904
1986	105	36	77	28	21 769	6 486	10 223	2 530	10 444	11 325
1987	107	37	68	39	22 849	6 849	10 664	2 667	10 038	12 811
1988	109	37	70	39	23 809	7 241	11 018	2 741	10 542	13 267
1989	116	39	75	41	25 581	7 871	11 601	2 893	11 624	13 957
1990	121	39	75	46	27 579	8 566	12 295	3 123	12 409	15 170
1991	123	41	73	50	29 444	9 208	12 992	3 335	12 620	16 824
1992	124	42	74	50	31 430	9 995	14 183	3 755	13 639	17 791
1993	125	42	74	51	33 392	10 775	14 824	3 989	14 607	18 785
1994	130	45	72	58	35 163	11 599	15 335	4 173	15 125	20 038
1995	134	50	74	60	36 348	12 182	15 885	4 354	15 442	20 906
1996	137	51	70	67	37 779	12 791	16 268	4 543	14 717	23 062
1997	139	51	61	78	38 806	13 228	16 400	4 624	12 243	26 563
1998	137	49	53	84	40 149	13 819	16 634	4 711	11 427	28 722
1999	141	50	36	105	41 949	14 485	16 955	4 931	7 205	34 744
2000	150	53	23	127	43 391	15 032	17 115	5 054	3 826	39 565
2001	154	53	19	135	44 769	15 517	17 309	5 189	2 694	42 075
2002	154	53	15	139	46 042	15 898	17 638	5 326	1 931	44 111
2003	158	54	16	142	47 472	16 376	17 964	5 465	1 770	45 702
2004	159	54	14	145	48 649	16 674	18 235	5 627	1 402	47 247
2005	162	54	17	145	49 601	16 961	18 533	5 709	1 554	48 047
2006	163	55	16	147	50 388	17 192	18 938	5 863	1 393	48 995
2007	164	55	15	149	51 128	17 457	19 215	5 983	1 320	49 808
2008	162	53	15	147	51 501	17 685	19 567	6 135	1 423	50 078

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			
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	243 806	155 554	63 421	293 204	222 311	19 549
129 193	59 640	41 451	16 899	72 867	49 399	6 927	576 623	266 090	167 442	69 198	315 169	239 082	22 372
144 354	69 561	43 950	18 525	81 683	54 375	8 296	612 376	282 989	176 658	72 668	332 127	253 462	26 787
156 600	77 235	50 438	21 101	87 427	59 478	9 695	653 162	303 359	199 447	81 944	348 803	273 088	31 271
172 849	85 001	53 905	22 208	98 433	63 160	11 256	689 185	321 152	210 416	87 259	367 373	285 982	35 830
181 621	87 501	56 542	23 112	100 793	68 274	12 554	720 180	341 172	217 240	92 107	378 860	302 093	39 227
189 517	92 783	60 819	24 945	105 113	70 702	13 702	751 347	364 783	227 679	98 355	394 751	314 499	42 097
196 384	97 421	61 248	25 579	107 626	74 255	14 503	795 547	392 583	235 332	103 324	412 837	337 837	44 873
215 412	111 015	70 147	31 557	114 182	85 802	15 428	856 186	428 447	247 825	109 775	433 865	373 702	48 619
224 630	116 906	66 970	29 869	120 886	87 421	16 323	915 921	460 882	258 003	115 079	452 346	409 705	53 870
247 890	129 405	71 451	31 727	129 507	100 171	18 212	994 283	497 710	275 190	121 568	457 020	470 030	67 233
266 561	136 962	73 509	32 085	126 916	117 430	22 215	1 092 102	542 885	295 184	129 394	444 182	564 059	83 861
296 884	150 274	79 490	34 499	123 317	146 166	27 401	1 187 225	591 374	318 314	139 437	406 841	677 171	103 213
318 867	161 801	82 744	35 537	110 208	176 044	32 615	1 240 292	620 120	337 682	149 009	347 247	770 915	122 130
321 808	163 236	89 493	39 208	91 009	192 854	37 945	1 270 194	637 125	356 383	158 473	289 025	837 602	143 567
336 865	171 363	91 608	40 363	81 603	210 763	44 499	1 285 867	640 654	369 889	164 900	230 938	894 528	160 401
325 106	166 121	94 321	42 161	56 837	219 919	48 350	1 296 558	638 858	384 935	170 524	180 886	938 648	177 024
325 274	165 184	97 778	43 404	43 803	228 645	52 826	1 313 993	641 555	400 029	177 113	153 978	966 591	193 424
323 540	162 371	101 953	45 897	35 815	230 198	57 527	1 326 029	646 014	412 035	183 166	133 890	987 914	204 225
...	...	...	...	...	...	...	1 337 455	654 341	422 736	189 646	117 653	1006 102	213 700

Table 41. Education at the special and other levels :

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1979 Total	345	187	4 513	1 546	1 500	571
Special	9	7	466	273	448	262
Others	336	180	4 047	1 273	1 052	309
1980 Total	356	201	4 716	1 632	1 511	560
Special	9	7	478	277	457	269
Others	347	194	4 238	1 355	1 054	291
1981 Total	374	223	4 839	2 090	1 449	590
Special	9	7	492	293	471	285
Others	365	216	4 347	1 509	978	305
1982 Total	382	232	4 950	1 835	1 543	640
Special	10	8	525	314	503	305
Others	372	224	4 425	1 521	1 040	335
1983 Total	403	253	5 017	1 932	1 572	628
Special	10	8	544	339	524	326
Others	393	245	4 473	1 593	1 048	302
1984 Total	424	275	4 548	1 822	1 565	625
Special	10	8	564	359	543	344
Others	414	267	3 984	1 463	1 022	281
1985 Total	432	283	4 325	1 758	1 796	720
Special	10	8	568	371	547	355
Others	422	275	3 757	1 387	1 249	365
1986 Total	449	303	4 548	1 814	1 651	691
Special	10	8	584	389	561	372
Others	439	295	3 964	1 425	1 090	319
1987 Total	472	326	4 926	2 023	1 711	725
Special	10	8	617	404	593	389
Others	462	318	4 309	1 619	1 118	336
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

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
56 640	32 012	27 390	16 139	225 854	126 767	99 540	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	96 982	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	251 014	145 796	116 351	74 791
501	216	491	213	2 576	1 130	2 492	1 099
63 622	39 205	30 652	20 937	248 438	144 666	113 859	73 692
66 547	40 120	31 351	20 655	265 139	153 825	123 273	78 964
588	262	578	261	2 760	1 191	2 677	1 158
65 959	39 858	30 773	20 394	262 379	152 634	120 596	77 806
72 937	44 225	35 357	23 850	265 599	156 649	126 947	82 165
654	289	643	285	2 829	1 213	2 744	1 182
72 283	43 936	34 714	23 565	262 770	155 436	124 203	80 983
71 646	43 636	35 300	23 724	272 971	159 648	132 282	84 503
665	298	657	296	2 883	1 253	2 793	1 217
70 981	43 338	34 643	23 428	270 088	158 395	129 489	83 286
72 462	45 207	37 387	25 151	278 593	161 423	137 565	86 779
684	307	679	306	2 954	1 278	2 864	1 240
71 778	44 900	36 708	24 845	275 639	160 145	134 701	85 539
76 270	46 111	37 589	24 483	308 738	180 906	160 773	101 637
722	325	715	319	3 039	1 293	2 950	1 253
75 548	45 786	36 874	24 164	305 699	179 613	157 823	100 384
74 649	42 347	38 822	24 787	301 015	177 326	158 135	100 558
666	294	658	291	2 948	1 257	2 843	1 217
73 983	42 053	38 164	24 496	298 067	176 069	155 292	99 341
81 516	45 431	40 844	21 900	302 692	177 802	162 946	102 696
639	288	632	285	2 998	1 343	2 868	1 295
80 877	45 143	40 212	21 615	299 694	176 459	160 078	101 401

Table 41. Education at the special and other levels :

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1989 Total	511	367	5 196	2 198	2 047	894
Special	11	9	750	501	711	470
Others	500	358	4 446	1 697	1 336	424
1990 Total	544	401	3 890	1 758	2 140	953
Special	11	9	875	602	819	556
Others	533	392	3 015	1 156	1 321	397
1991 Total	579	432	3 982	1 801	2 233	1 038
Special	11	9	972	674	918	625
Others	568	423	3 010	1 127	1 315	413
1992 Total	660	519	4 138	2 013	2 177	1 044
Special	13	11	996	693	942	642
Others	647	508	3 142	1 320	1 235	402
1993 Total	737	596	4 240	2 027	2 341	1 122
Special	13	11	1 053	736	1 001	688
Others	724	585	3 187	1 291	1 340	434
1994 Total	818	675	4 465	2 191	2 581	1 271
Special	16	14	1 203	838	1 147	788
Others	802	661	3 262	1 353	1 434	483
1995 Total	863	724	4 704	2 341	2 717	1 368
Special	17	15	1 324	919	1 262	863
Others	846	709	3 380	1 422	1 455	505
1996 Total	903	754	4 827	2 407	2 784	1 431
Special	17	15	1 386	962	1 320	903
Others	886	739	3 441	1 445	1 464	528
1997 Total	955	799	4 904	2 473	2 901	1 515
Special	17	15	1 470	1 019	1 414	970
Others	938	784	3 434	1 454	1 487	545
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

institutions, teachers, graduates and students (continued)

Graduates (Persons)				Students enrolled (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
73 046	45 348	38 152	25 675	282 036	165 002	151 086	86 755
635	282	632	282	3 163	1 350	3 030	1 300
72 411	45 066	37 520	25 393	278 873	163 652	148 056	85 455
71 836	43 988	37 673	24 988	293 542	170 334	161 432	102 865
731	298	722	293	3 359	1 434	3 158	1 349
71 105	43 690	36 951	24 695	290 183	168 900	158 274	101 516
73 579	42 539	37 528	23 834	312 481	177 259	173 219	108 856
853	371	846	369	3 620	1 546	3 345	1 437
72 726	42 168	36 682	23 465	308 861	175 713	169 874	107 419
81 700	47 938	44 037	28 276	331 640	186 999	186 631	117 338
1 016	435	1 000	429	3 765	1 599	3 582	1 521
80 684	47 503	43 037	27 847	327 875	185 400	183 049	115 817
85 396	48 843	45 542	28 719	337 705	189 478	193 144	121 541
952	408	933	397	3 980	1 667	3 807	1 592
84 444	48 435	44 609	28 322	333 725	187 811	189 337	119 949
88 377	51 220	47 561	30 772	339 637	190 885	195 617	117 558
1 064	442	1 059	441	4 506	1 916	4 327	1 841
87 313	50 778	46 502	30 331	335 131	188 969	191 290	115 717
84 691	48 226	45 996	29 616	327 342	182 038	191 570	119 322
1 141	509	1 123	499	4 822	1 994	4 636	1 914
83 550	47 717	44 873	29 117	322 520	180 044	186 934	117 408
82 711	46 526	45 219	28 655	316 151	175 753	184 975	114 917
1 329	558	1 301	545	5 203	2 151	5 019	2 073
81 382	45 968	43 918	28 110	310 948	173 602	179 956	112 844
78 251	43 295	43 227	26 847	327 837	183 754	200 489	123 800
1 559	624	1 546	618	5 357	2 176	5 191	2 111
76 692	42 671	41 681	26 229	322 480	181 578	195 298	121 689
79 735	44 457	44 667	26 654	336 182	189 770	206 027	127 912
1 489	617	1 474	610	5 588	2 273	5 421	2 205
78 246	43 840	43 193	26 044	330 594	187 497	200 606	125 707

Table 41. Education at the special and other levels :

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1999 Total	1 015	839	4 970	2 581	3 117	1 690
Special	23	21	1 629	1 135	1 576	1 086
Others	992	818	3 341	1 446	1 541	604
2000 Total	997	812	4 929	2 551	3 066	1 682
Special	23	21	1 601	1 098	1 547	1 048
Others	974	791	3 328	1 453	1 519	634
2001 Total	978	779	4 947	2 570	3 012	1 692
Special	24	22	1 639	1 143	1 586	1 094
Others	954	757	3 308	1 427	1 426	598
2002 Total	978	782	4 882	① 2 586	3 053	① 1 749
Special	25	23	1 647	1 172	1 595	1 122
Others	953	759	3 235	① 1 414	1 458	① 627
2003 Total	958	758	4 583	2 509	2 934	1 757
Special	24	23	1 687	1 205	1 638	1 157
Others	934	735	2 896	1 304	1 296	600
2004 Total	931	737	4 394	2 415	2 858	1 729
Special	24	23	1 693	1 199	1 643	1 151
Others	907	714	2 701	1 216	1 215	578
2005 Total	916	715	4 148	2 348	2 718	1 685
Special	24	23	1 709	1 223	1 659	1 176
Others	892	692	2 439	1 125	1 059	509
2006 Total	901	702	3 363	1 963	2 024	1 339
Special	24	23	1 736	1 234	1 686	1 190
Others	877	679	1 627	729	338	149
2007 Total	888	688	3 300	1 955	2 039	1 376
Special	24	23	1 761	1 277	1 710	1 233
Others	864	665	1 539	678	329	143
2008 Total	868	671	3 226	1 954	2 016	1 371
Special	24	23	1 734	1 260	1 695	1 228
Others	844	648	1 492	694	321	143

institutions, teachers, graduates and students (continued)

Graduates (Persons)				Students enrolled (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
80 352	45 599	45 389	28 617	331 535	185 754	197 540	121 129
1 542	627	1 524	623	5 697	2 295	5 521	2 225
78 810	44 972	43 865	27 994	325 838	183 459	192 019	118 904
82 722	46 479	46 105	28 702	328 339	183 078	187 558	114 381
1 798	699	1 785	695	5 989	2 422	5 817	2 350
80 924	45 780	44 320	28 007	322 350	180 656	181 741	112 031
81 060	45 043	41 371	25 272	310 623	172 354	172 167	104 825
1 692	693	1 679	689	5 860	2 374	5 688	2 303
79 368	44 350	39 692	24 583	304 763	169 980	166 479	102 522
79 615	43 828	39 376	23 820	297 482	164 869	165 985	102 605
1 740	718	1 737	717	5 800	2 351	5 654	2 298
77 875	43 110	37 639	23 103	291 682	162 518	160 331	100 307
76 181	41 274	38 038	22 691	284 045	154 448	157 373	96 876
1 728	690	1 714	687	5 921	2 404	5 774	2 347
74 453	40 584	36 324	22 004	278 124	152 044	151 599	94 529
79 815	42 637	37 710	21 085	273 070	145 456	146 470	90 486
1 541	641	1 523	633	6 119	2 489	5 973	2 429
78 274	41 996	36 187	20 452	266 951	142 967	140 497	88 057
74 548	39 269	36 105	21 866	263 300	137 976	138 923	85 124
1 744	712	1 722	701	6 361	2 573	6 215	2 511
72 804	38 557	34 383	21 165	256 939	135 403	132 708	82 613
74 278	38 396	33 973	20 707	265 646	139 605	135 234	84 355
1 853	759	1 821	747	6 588	2 664	6 440	2 603
72 425	37 637	32 152	19 960	259 058	136 941	128 794	81 752
76 988	39 506	33 595	20 031	263 834	136 479	131 309	79 645
1 832	752	1 798	733	6 765	2 709	6 627	2 659
75 156	38 754	31 797	19 298	257 069	133 770	124 682	76 986
...	...	...	...	260 150	132 007	129 778	75 935
...	...	...	...	6 875	2 710	6 747	2 667
...	...	...	...	253 275	129 297	123 031	73 268

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) ¹		
				Total	Male	Female	Total	Male	Female
	Net enrollment rates								
1989	76.55	96.77	97.74	83.88	81.95	85.91	17.18	16.67	17.72
1990	77.97	97.12	98.04	85.45	83.64	87.35	19.36	18.33	20.44
1991	78.74	97.97	98.70	86.17	84.40	88.05	20.98	20.22	21.78
1992	79.35	97.60	98.92	86.46	84.76	88.26	23.47	23.04	23.92
1993	79.79	98.12	99.31	87.43	85.80	89.15	25.61	24.99	26.26
1994	79.11	97.47	98.36	88.59	86.59	90.71	26.26	24.99	27.60
1995	79.38	98.36	99.06	88.84	87.03	90.75	27.79	25.88	29.78
1996	78.95	98.23	99.02	89.57	87.93	91.31	29.07	26.88	31.37
1997	79.26	98.38	98.62	90.79	89.23	92.45	31.09	28.35	33.97
1998	80.04	98.15	97.78	91.68	90.31	93.13	33.32	30.19	36.61
1999	80.40	98.24	97.81	92.56	91.29	93.91	35.43	32.14	38.90
2000	81.23	98.00	98.78	92.19	90.96	93.49	38.70	35.47	42.11
2001	82.29	97.32	98.19	92.92	91.83	94.07	42.51	38.98	46.23
2002	83.44	97.15	98.04	93.74	92.84	94.72	45.68	42.14	49.41
2003	84.63	96.73	97.29	93.83	93.03	94.69	49.05	45.33	52.99
2004	86.55	97.68	98.23	93.63	92.94	94.39	53.20	49.58	57.04
2005 ^①	87.71	98.68	98.46	93.63	93.05	94.26	57.42	54.00	61.06
2006 ^①	88.55	98.11	97.77	94.91	94.42	95.43	59.83	56.70	63.16
2007 ^①	89.25	98.83	99.42	94.55	94.22	94.91	61.41	58.33	64.71
2008	89.69	98.85	99.41	95.16	94.85	95.51	63.76	60.42	67.37
	Gross enrollment rates								
1989	80.76	99.60	100.03	94.02	91.66	96.52	26.74	27.61	25.82
1990	82.35	99.80	100.46	95.00	92.85	97.27	29.65	30.18	29.09
1991	83.73	100.73	100.99	95.40	93.58	97.32	32.37	32.96	31.75
1992	84.88	100.50	101.27	95.60	93.71	97.60	35.56	36.25	34.83
1993	85.55	100.95	101.77	95.32	93.67	97.06	37.93	38.63	37.19
1994	85.01	100.37	100.90	95.93	94.02	97.96	38.32	38.43	38.21
1995	84.96	100.94	101.39	95.66	93.84	97.59	39.44	38.54	40.39
1996	84.81	101.01	101.12	95.79	94.06	97.63	40.90	39.24	42.64
1997	85.60	101.12	100.63	97.21	95.60	98.92	43.08	40.71	45.58
1998	87.16	100.89	99.80	98.55	97.12	100.07	46.98	44.30	49.79
1999	88.60	100.85	99.67	99.61	98.26	101.04	50.52	48.00	53.17
2000	90.77	100.28	100.49	99.23	98.05	100.49	56.14	53.87	58.54
2001	93.12	99.53	99.66	99.44	98.31	100.64	62.96	60.44	65.62
2002	95.05	99.57	99.99	99.33	98.31	100.43	67.56	64.52	70.78
2003	96.77	100.01	99.53	99.03	98.16	99.96	72.37	68.76	76.18
2004	99.02	100.43	100.77	98.30	97.58	99.09	78.11	74.62	81.80
2005	100.01	100.17	100.34	97.91	97.30	98.58	82.02	79.13	85.08
2006 ^①	100.93	99.52	99.54	99.14	98.63	99.68	83.58	81.37	85.94
2007 ^①	101.88	100.21	100.81	98.67	98.27	99.11	85.31	83.25	87.52
2008	101.55	100.20	100.68	99.24	98.94	99.56	83.18	80.75	85.81

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

Table 43. Net percentage of graduates entering advanced levels

%

School Year	Elementary school			Junior high school			Senior high school			Vocational school		
	Average	Male	Female	Average	Male	Female	Average	Male	Female	Average	Male	Female
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	72.26	72.60	71.92	30.49	27.56	33.18
2000	99.79	99.78	99.79	95.31	94.46	96.20	73.31	72.09	74.51	38.43	33.75	42.80
2001	99.15	99.34	98.98	95.97	94.91	97.10	75.80	74.48	77.12	41.82	37.18	46.27
2002	99.70	99.64	99.76	95.48	94.81	96.20	73.16	72.24	74.08	45.73	42.58	48.83
2003	99.44	99.44	99.44	95.74	94.74	96.82	75.59	74.29	76.86	62.65	58.93	66.33
2004	99.42	99.45	99.39	96.03	95.26	96.86	82.37	80.93	83.75	67.17	64.81	69.72
2005	99.31	99.21	99.41	94.88	93.52	96.38	85.15	84.58	85.71	75.76	73.50	78.34
2006	99.54	99.68	99.39	96.23	95.66	96.86	83.91	84.10	83.72	76.46	73.70	79.67
2007	99.66	99.63	99.69	96.26	95.46	97.12	87.71	87.64	87.77	83.60	82.64	84.71
2008	99.79	99.74	99.83	95.38	94.76	96.06	88.64	88.70	88.57	86.18	83.38	89.53

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
1979	82.66	81.07	84.49	79.57	74.80	85.80
1980	86.01	85.03	87.12	79.90	74.93	86.32
1981	89.86	89.56	90.18	82.15	76.78	88.90
1982	95.42	96.59	94.13	81.01	77.32	85.59
1983	91.69	91.84	91.52	82.33	78.81	86.40
1984	95.21	95.29	95.13	82.15	78.05	86.76
1985	95.66	96.62	94.63	80.32	77.74	83.37
1986	103.14	101.25	105.15	82.26	79.03	86.06
1987	102.70	101.08	104.40	85.50	83.49	87.77
1988	104.56	103.29	105.88	90.62	83.90	98.24
1989	104.01	104.75	103.25	88.21	85.61	91.00
1990	107.75	108.39	107.10	93.78	96.21	91.17
1991	105.24	106.20	104.26	96.37	109.79	82.06
1992	104.74	105.37	104.09	106.62	115.69	96.71
1993	106.06	107.09	104.98	100.95	107.27	94.33
1994	104.38	104.75	104.00	94.55	92.65	96.67
1995	105.24	106.02	104.42	95.86	95.05	96.76
1996	106.00	107.00	104.95	103.73	103.14	104.36
1997	106.52	107.10	105.90	106.39	108.13	104.51
1998	108.46	109.76	107.09	103.47	106.30	100.52
1999	109.45	110.92	107.91	108.60	110.79	106.40
2000	108.05	109.26	106.77	118.17	118.26	118.07
2001	107.51	108.57	106.39	...	...	...
2002	106.95	108.11	105.71	...	...	...
2003	105.51	104.32	104.94	...	...	...
2004	105.57	106.06	105.03	...	...	...
2005	① 104.71	① 105.05	① 104.34	...	...	...
2006	105.51	106.42	104.51	...	...	...
2007	105.12	106.02	104.14	...	...	...
2008	105.07	105.95	104.13	...	...	...

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
1979	32.60	23.87	22.69	21.38	21.23	13.10
1980	32.31	23.38	22.98	21.85	21.42	13.13
1981	31.79	22.97	22.99	22.50	20.79	13.24
1982	31.79	22.82	23.12	22.15	20.65	13.15
1983	31.74	22.56	22.92	21.79	20.43	13.18
1984	31.79	22.24	22.39	21.63	20.00	13.29
1985	32.12	21.89	22.63	21.40	19.66	13.52
1986	31.59	21.63	22.70	21.17	19.38	13.47
1987	31.49	21.44	22.99	21.28	20.23	13.20
1988	30.90	21.64	22.91	21.15	20.54	13.39
1989	29.50	21.55	22.33	20.96	19.91	13.52
1990	28.51	21.55	22.26	21.08	19.63	13.64
1991	27.20	21.23	22.29	21.28	19.35	13.82
1992	26.19	20.93	22.31	22.10	19.16	13.90
1993	25.29	20.54	21.92	23.41	19.13	14.00
1994	24.15	20.13	21.35	22.12	18.88	14.18
1995	22.42	19.30	21.17	21.36	19.13	14.07
1996	21.46	18.30	20.62	21.06	19.16	14.61
1997	20.69	17.56	20.29	20.51	19.87	16.05
1998	20.11	16.80	19.97	20.12	20.09	16.79
1999	19.52	16.04	19.70	19.61	19.61	17.91
2000	18.96	15.60	19.69	20.61	20.08	19.07
2001	18.60	15.67	19.37	19.19	20.56	19.83
2002	18.39	16.05	19.43	18.41	20.97	20.00
2003	18.43	16.14	19.19	18.19	19.78	20.00
2004	18.31	16.28	19.41	18.48	19.57	19.88
2005	18.02	16.02	19.44	18.84	18.92	19.82
2006	17.86	15.70	19.30	18.38	21.01	19.64
2007	17.31	15.24	19.12	18.68	22.73	19.92
2008	16.74	15.10	18.91	19.01	23.65	20.18

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

Table 46. Educational attainments of

Year	Average length of education (years)			Illiterate & self-educated		
	Average	Male	Female	Average	Male	Female
1984	7.06	8.12	5.92	19.73	11.20	28.99
1985	7.20	8.23	6.10	18.97	10.86	27.75
1986	7.37	8.36	6.30	18.23	10.47	26.60
1987	7.57	8.53	6.54	16.96	9.63	24.83
1988	7.80	8.74	6.78	15.61	8.68	23.02
1989	7.98	8.89	7.01	14.61	8.15	21.49
1990	8.19	9.07	7.24	13.60	7.54	20.04
1991	8.28	9.14	7.38	12.79	7.08	18.83
1992	8.48	9.31	7.59	12.07	6.55	17.91
1993	8.66	9.48	7.79	11.49	6.15	17.10
1994	8.73	9.53	7.89	11.31	6.05	16.81
1995	8.87	9.65	8.07	10.86	5.71	16.22
1996	9.05	9.81	8.27	10.31	5.29	15.49
1997	9.15	9.89	8.39	10.21	5.40	15.17
1998	9.28	9.98	8.57	10.08	5.63	14.66
1999	9.52	10.16	8.85	8.79	5.09	12.58
2000	9.64	10.27	8.99	8.31	4.80	11.88
2001	9.77	10.39	9.15	7.94	4.56	11.36
2002	9.96	10.56	9.35	7.47	4.23	10.73
2003	10.12	10.69	9.56	6.93	3.82	10.06
2004	10.29	10.83	9.75	6.43	3.51	9.35
2005	10.47	10.99	9.95	5.92	3.17	8.65
2006	10.65	11.15	10.16	5.35	2.80	7.87
2007	10.82	11.29	10.36	4.92	2.52	7.27
2008	10.99	11.44	10.55	4.54	2.28	6.74

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

population aged 25 and over

%

First level			Second level			Third level		
Average	Male	Female	Average	Male	Female	Average	Male	Female
42.04	42.11	41.95	27.90	32.92	22.45	10.33	13.77	6.61
40.93	40.69	41.19	29.46	34.41	24.10	10.64	14.04	6.95
39.61	39.30	39.95	31.03	35.67	26.03	11.13	14.57	7.42
38.80	38.05	39.60	32.46	37.16	27.41	11.78	15.16	8.15
37.85	36.70	39.08	34.12	38.72	29.20	12.41	15.89	8.69
36.72	35.32	38.21	35.84	40.17	31.21	12.84	16.35	9.08
35.34	33.59	37.20	37.46	41.69	32.97	13.60	17.19	9.79
35.02	32.89	37.27	38.56	42.89	33.98	13.63	17.14	9.92
33.41	31.39	35.54	40.08	44.02	35.92	14.44	18.04	10.63
31.93	29.86	34.11	41.27	44.98	37.36	15.31	19.01	11.42
31.07	29.15	33.09	42.06	45.61	38.33	15.56	19.19	11.77
30.03	28.29	31.84	42.77	46.20	39.20	16.34	19.80	12.74
28.66	27.00	30.38	43.72	46.95	40.38	17.31	20.76	13.75
27.53	26.03	29.08	44.06	46.81	41.21	18.20	21.76	14.54
26.18	24.57	27.84	44.63	47.34	41.84	19.11	22.46	15.66
25.28	23.05	27.57	45.77	48.24	43.25	20.15	23.62	16.60
24.62	22.30	27.00	46.14	48.43	43.81	20.92	24.47	17.31
23.96	21.64	26.30	46.22	48.45	43.95	21.89	25.34	18.38
23.19	20.72	25.69	45.95	48.26	43.63	23.38	26.80	19.94
22.46	20.20	24.72	46.08	48.30	43.85	24.54	27.69	21.38
21.75	19.62	23.88	45.96	47.92	44.01	25.86	28.96	22.77
21.07	18.92	23.21	45.55	47.54	43.59	27.46	30.37	24.56
20.41	18.35	22.44	45.36	47.19	43.55	28.88	31.65	26.14
19.71	17.71	21.67	45.13	46.95	43.35	30.24	32.82	27.72
19.08	17.11	21.00	44.58	46.47	42.74	31.80	34.15	29.52

Table 47. Total educational expenditures

Thousands of N. T. Dollars

Fiscal Year	Total	Public sector	Government's educational expenditure			Private sector
			Amount	Per capita expenditure	as % of total public expenditure	
1979	43 269 554	35 480 093	35 480 093	2.062	14.32	7 789 461
1980	56 907 853	47 418 999	47 418 999	2.703	15.12	9 488 854
1981	74 112 578	60 262 157	60 262 157	3.373	14.71	13 850 421
1982	94 673 666	77 809 670	77 809 670	4.277	15.14	16 863 996
1983	110 942 492	91 864 372	91 864 372	4.961	16.51	19 078 120
1984	111 121 049	89 206 666	89 206 666	4.747	16.28	21 914 383
1985	123 915 028	100 352 921	100 352 921	5.263	16.57	23 562 107
1986	137 899 432	112 949 397	112 949 397	5.848	16.45	24 950 035
1987	148 047 536	119 030 192	119 030 192	6.101	16.54	29 017 344
1988	168 382 593	135 970 263	135 970 263	6.893	17.27	32 412 330
1989	200 549 624	163 094 485	163 094 485	8.173	17.39	37 455 139
1990	245 279 765	202 364 354	202 364 354	10.040	17.47	42 915 411
1991	300 965 051	247 488 080	247 488 080	12.131	17.77	53 476 971
1992	351 140 259	290 019 588	290 019 588	14.075	17.86	61 120 671
1993	401 130 100	332 463 417	332 463 417	15.982	18.43	68 666 683
1994	428 109 963	350 053 223	350 053 223	16.672	18.58	78 056 740
1995	449 691 445	366 902 255	366 902 255	17.325	19.36	82 789 190
1996	503 588 525	410 321 300	407 595 911	19.085	19.50	93 267 225
1997	545 187 475	432 420 406	420 905 497	19.554	18.91	112 767 069
1998	565 960 017	446 325 947	430 675 819	19.808	18.54	119 634 070
1999	598 684 237	470 237 833	453 089 741	20.662	18.80	128 446 404
2000①	548 761 350	408 555 533	381 934 938	17.145	17.75	140 205 817
2001①	590 424 785	439 393 895	406 867 565	18.159	17.91	151 030 890
2002①	618 334 216	459 790 507	424 298 127	18.840	19.78	158 543 709
2003①	642 759 949	473 296 429	431 578 597	19.093	19.47	169 463 520
2004①	665 946 870	490 723 419	443 956 707	19.567	19.77	175 223 451
2005①	690 978 055	510 503 633	458 928 403	20.155	20.02	180 474 422
2006①	711 728 336	525 627 718	471 678 049	20.618	21.30	186 100 618
2007①	717 795 237	534 155 464	477 766 196	20.810	20.86	183 639 773
2008	748 567 612	551 618 620	492 370 113	21.373	21.03	196 948 992

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

Table 48. Total educational expenditures at all level of schools

Thousands of N. T. Dollars

Fiscal Year	Total	Pre-school education	1st level education	2nd level education	3rd level education	Special and others education
1978	37 717 339	446 805	12 755 016	16 194 420	8 321 098	-
1979	48 330 691	807 438	16 165 057	20 220 879	11 137 317	-
1980	62 043 257	1 215 592	18 999 168	25 927 527	15 900 970	-
1981	77 364 225	1 638 797	22 298 611	32 281 263	21 145 554	-
1982	90 188 736	1 823 534	27 193 942	34 898 837	26 272 423	-
1983	91 096 725	2 581 264	27 010 831	36 927 627	24 577 003	-
1984	99 483 485	4 002 565	28 387 324	40 089 633	27 003 963	-
1985	108 899 112	4 430 196	31 004 799	43 237 614	29 659 806	566 697
1986	121 041 623	4 587 548	32 547 269	46 835 187	36 556 579	515 040
1987	139 389 903	5 259 330	39 428 781	51 047 369	43 174 190	480 233
1988	164 887 606	6 669 603	49 320 053	60 467 688	47 486 808	943 454
1989	202 379 336	7 840 899	58 227 576	76 913 742	58 498 170	898 949
1990	242 768 493	8 254 640	70 574 725	91 099 349	71 226 033	1 613 746
1991	281 388 128	8 938 441	79 685 381	107 354 491	84 067 443	1 342 372
1992	324 215 343	9 087 856	98 283 490	122 997 654	92 069 303	1 777 040
1993	345 162 040	9 223 172	102 843 837	133 057 821	98 019 968	2 017 242
1994	366 579 784	10 676 880	110 542 628	142 728 955	100 444 293	2 187 028
1995	403 855 687	11 442 841	123 607 646	159 574 464	106 055 791	3 174 945
1996	439 067 140	12 739 238	124 646 667	171 530 319	126 566 203	3 584 713
1997	443 779 754	12 698 951	129 069 012	171 774 080	125 030 186	5 207 525
1998	483 044 044	13 289 072	144 476 016	186 754 964	134 098 301	4 425 691
1999	534 580 633	14 403 952	145 224 353	195 492 816	176 564 321	2 895 191
2000	529 491 877	15 069 700	145 910 174	187 835 510	177 668 224	3 008 269
2001	519 806 126	16 392 865	146 038 440	175 757 740	178 411 266	3 205 815
2002	536 860 387	16 868 919	146 246 868	175 674 218	194 645 435	3 424 947
2003	555 898 916	17 794 264	149 113 799	181 398 521	203 849 293	3 743 039
2004	576 191 372	18 122 130	155 676 625	187 054 641	211 394 091	3 943 885
2005	595 406 929	16 888 946	160 682 822	190 863 306	223 129 492	3 842 363
2006	607 385 044	16 840 356	164 825 991	193 730 799	228 263 975	3 723 923
2007	631 615 064	18 170 356	167 490 246	201 067 645	240 890 516	3 996 301

Note : Excluding social education and international cultural expenditures.

Table 49. Number of foreign

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

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

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

students in Taiwan by field of study

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

Table 49. Number of foreign

School Year	Total	Education	Arts	Humanities	Design	Social & behavior science	Journalism & information	Business & administration	General law	Life science	Natural science
2007	15 436	185	79	718	75	407	280	1 431	37	117	137
2008	16 909	202	106	889	91	477	310	1 574	39	142	178
Asia	10 722	153	77	689	81	270	254	1 075	32	107	158
Indonesia	2 056	9	3	62	9	13	10	125	-	12	7
Japan	2 182	28	13	153	5	51	10	45	14	5	2
Korea	1 541	25	11	86	3	47	23	76	6	4	2
America	3 608	28	19	115	8	117	32	338	2	26	9
Canada	468	2	1	28	-	14	4	47	-	3	1
U. S. A.	1 986	18	9	71	5	52	4	112	2	10	4
Europe	1 846	15	10	71	2	66	13	75	3	4	9
France	405	3	3	7	2	2	4	14	-	1	3
Germany	300	1	2	10	-	8	2	13	-	1	-
United Kingdom	252	1	1	15	-	10	-	6	2	-	-
Africa	366	4	-	8	-	10	5	58	-	2	1
South Africa	111	-	-	7	-	2	1	7	-	-	-
Oceania	367	2	-	6	-	14	6	28	2	3	1
Australia	154	2	-	5	-	5	-	5	1	1	-
New Zealand	75	-	-	-	-	1	-	3	-	-	-

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

students in Taiwan by field of study (continued)

Persons

Mathema- tics & statistics	Com- puting	Engi- neering	Architec- ture & building	Agriculture, forestry & fishery	Veteri- nary	Health	Social services	Personal services	Transpor- tation services	Environ- mental protection	Language center	Others
9	163	971	43	213	14	145	13	183	28	10	10 177	1
14	184	1 246	50	243	16	152	17	188	14	12	10 651	114
5	117	879	37	157	11	80	16	154	10	11	6 247	102
-	17	200	7	12	1	2	-	36	-	9	1 522	-
-	6	21	4	3	2	17	-	12	1	1	1 789	-
-	8	6	4	2	-	6	6	41	1	-	1 184	-
3	30	227	10	59	4	43	-	20	4	1	2 510	3
-	-	4	-	-	2	2	-	1	-	1	357	1
2	10	26	1	4	1	29	-	8	-	-	1 616	2
5	7	49	1	6	-	9	-	5	-	-	1 489	7
3	-	4	-	2	-	-	-	1	-	-	356	-
-	1	2	-	-	-	2	-	2	-	-	256	-
-	-	1	-	-	-	2	-	-	-	-	214	-
1	18	77	2	15	1	12	1	2	-	-	148	1
-	2	1	-	-	-	1	1	-	-	-	88	1
-	12	14	-	6	-	8	-	7	-	-	257	1
-	-	2	-	-	-	1	-	1	-	-	131	-
-	1	1	-	-	-	1	-	1	-	-	67	-

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

Year	Research and development personnel (FTE)			Expenditures for research and development				
	Total	Researchers	Technicians	Total expenditure (Millions of N.T. Dollars)	Government funds (%)	R & D expenditures as % of GDP	Manufacturing industry R&D expenditures as a percentage of sales(%)	Annual R & D expenditures per researcher (Millions of N.T. Dollars)
1996	...	45 778	...	137 955	...	1.74	...	3.01
1997	...	47 573	...	156 321	...	1.82	...	3.29
1998	...	53 492	...	176 455	...	1.91	...	3.30
1999	104 535	54 844	40 857	190 520	32.5	1.98	1.26	3.47
2000	104 568	55 460	39 966	197 631	33.4	1.97	1.14	3.56
2001	107 757	59 656	39 296	204 974	33.3	2.08	1.26	3.44
2002	120 013	69 887	40 972	224 428	35.2	2.18	1.30	3.21
2003	127 628	75 111	43 077	242 942	35.2	2.31	1.28	3.23
2004	138 604	81 209	47 568	263 271	33.6	2.38	1.24	3.24
2005	149 154	88 859	49 471	280 980	31.5	2.45	1.36	3.16
2006	161 314	95 176	54 519	307 037	31.4	2.58	1.34	3.23
2007	175 741	103 455	59 868	331 386	29.9	2.62	1.26	3.20

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

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

Millions of N. T. Dollars

Year	Total	Type of work			Type of cost			
		Basic research	Applied research	Technological development	Capital expenditure	Current expenditure	Labor	others
1996	137 955	15 223	41 463	81 269	20 150	117 806	62 826	54 980
1997	156 321	15 715	47 444	93 162	24 200	132 122	69 786	62 336
1998	176 455	17 886	55 001	103 569	26 543	149 914	74 655	75 259
1999	190 520	20 115	60 253	110 153	25 823	164 698	83 309	81 388
2000	197 631	20 462	59 288	117 880	27 097	170 534	87 658	82 875
2001	204 974	22 143	59 914	122 917	29 244	175 730	89 634	86 096
2002	224 428	24 725	60 399	139 305	32 766	191 663	99 613	92 049
2003	242 942	28 505	64 062	150 375	33 933	209 009	108 329	100 680
2004	263 271	29 631	66 694	166 947	31 674	231 597	121 368	110 229
2005	280 980	28 961	74 219	177 801	34 666	246 314	131 136	115 179
2006	307 037	31 229	81 270	194 539	37 177	269 860	143 957	125 903
2007	331 386	33 189	85 123	213 074	39 740	291 646	156 729	134 917

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

Millions of N. T. Dollars

Year	Total	Business enterprise	Government	Higher education	Private non-profit
1996	137 955	...	...	...	...
1997	156 321	...	...	...	...
1998	176 455	...	...	...	...
1999	190 520	122 158	44 636	22 334	1 392
2000	197 631	125 698	46 494	24 047	1 392
2001	204 974	130 296	47 732	25 521	1 425
2002	224 428	139 569	55 693	27 637	1 530
2003	242 942	152 614	59 928	28 890	1 510
2004	263 271	170 293	61 144	30 350	1 484
2005	280 980	188 390	59 143	32 092	1 355
2006	307 037	207 238	60 965	37 565	1 270
2007	331 386	229 126	60 643	40 400	1 218

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

Millions of N. T. Dollars

Year	Total	Business enterprise	Government	Higher education	Private non-profit	Abroad
1996	137 955	...	...	...	...	...
1997	156 321	...	...	...	...	...
1998	176 455	...	...	...	...	...
1999	190 520	125 712	61 989	1 749	959	110
2000	197 631	128 386	65 980	2 193	999	74
2001	204 974	132 950	68 339	2 719	931	35
2002	224 428	141 695	79 004	2 762	930	38
2003	242 942	153 664	85 587	2 777	854	60
2004	263 271	170 469	88 499	3 130	1 113	60
2005	280 980	187 853	88 633	3 147	1 204	144
2006	307 037	206 177	96 443	3 257	1 071	91
2007	331 386	228 074	98 966	3 158	1 051	137

Table 54. Advanced studies for scientific and technical researchers

Persons

Year	Total		Natural sciences		Engineering and applied sciences		Biology and medicine, agriculture		Humanities and social sciences		Education sciences	
	Local	Abroad	Local	Abroad	Local	Abroad	Local	Abroad	Local	Abroad	Local	Abroad
1979	36	153	-	31	-	45	-	52	-	17	-	8
1980	24	175	-	38	-	43	-	58	-	26	-	10
1981	43	179	7	38	7	35	23	73	5	26	1	7
1982	55	190	10	34	12	52	25	65	6	30	2	9
1983	70	180	8	33	16	49	29	56	13	34	4	8
1984	63	214	8	36	20	64	21	49	12	53	2	12
1985	47	228	4	46	15	57	16	60	10	52	2	13
1986	47	230	4	46	15	59	16	60	10	52	2	13
1987	80	273	10	42	27	83	32	70	10	69	1	9
1988	83	226	7	41	22	61	30	39	19	64	5	21
1989	83	236	8	36	27	65	27	46	15	71	6	18
1990	86	242	12	42	31	65	32	49	10	73	1	13
1991	83	272	4	43	27	76	32	60	18	80	2	13
1992	84	249	4	32	30	77	35	52	14	74	1	14
1993	101	274	10	30	32	73	37	69	15	87	7	15
1994	97	274	5	30	34	73	42	69	16	87	-	15
1995	71	254	4	41	16	68	31	45	18	86	2	14
1996	76	133	1	22	23	30	30	27	19	47	3	7
1997	92	174	6	28	23	43	39	16	23	81	1	6
1998	102	281	3	35	30	79	41	47	26	116	2	4
1999	-	234	-	37	-	76	-	28	-	90	-	3
2000	-	252	-	31	-	89	-	33	-	95	-	4
2001	-	287	-	34	-	91	-	50	-	107	-	5
2002	-	237	-	36	-	72	-	32	-	88	-	9
2003	-	182	-	17	-	65	-	23	-	67	-	10
2004	-	217	-	31	-	78	-	26	-	76	-	6
2005	-	194	-	30	-	57	-	28	-	73	-	6
2006	-	194	-	25	-	61	-	30	-	71	-	7
2007	-	218	-	33	-	67	-	21	-	89	-	8
2008	-	220	-	19	-	75	-	33	-	83	-	10

Table 55. Supporting research projects on science and technology

Year	Total	Natural sciences	Engineering and Technology	Medical and agricultural sciences	Humanities and sciences	Education sciences	Others
Items							
1989	3 175	666	1 030	1 152	234	93	-
1990	3 844	738	1 351	1 341	316	98	-
1991 ^(T)	4 798	1 042	1 750	1 289	454	123	140
1992 ^(T)	5 761	1 191	2 363	1 529	525	133	20
1993 ^(T)	6 843	1 388	2 897	1 571	705	252	30
1994 ^(T)	7 544	1 413	3 211	1 658	884	330	48
1995 ^(T)	8 338	1 505	3 614	1 675	1 075	456	13
1996 ^(T)	8 648	1 619	3 572	1 894	1 090	469	4
1997 ^(T)	9 730	1 781	3 867	2 053	1 582	437	10
1998 ^(T)	10 665	1 791	4 296	2 217	1 882	478	1
1999 ^(T)	11 112	1 841	4 386	2 297	2 084	494	10
2000 ^(T)	24 597	3 733	9 678	5 380	4 771	1 020	15
2001 ^(T)	13 715	2 023	5 496	2 878	2 576	742	-
2002 ^(T)	14 985	1 928	6 252	3 115	2 989	701	-
2003 ^(T)	16 073	2 021	6 795	3 260	3 117	873	7
2004 ^(T)	16 973	2 191	7 245	3 480	3 387	659	11
2005 ^(T)	17 192	2 274	7 322	3 438	3 453	685	20
2006 ^(T)	17 791	2 408	7 439	3 548	3 694	686	16
2007 ^(T)	17 732	2 409	7 020	3 566	4 044	684	9
2008	18 243	2 506	6 930	3 574	4 398	800	35
Grants (Millions of N. T. Dollars)							
1989	1 633	407	480	620	90	36	-
1990	2 083	519	682	710	129	43	-
1991 ^(T)	3 605	872	1 049	774	206	75	628
1992 ^(T)	3 572	955	1 330	938	256	67	25
1993 ^(T)	4 156	1 207	1 391	1 130	301	113	15
1994 ^(T)	4 462	1 170	1 585	1 136	421	140	11
1995 ^(T)	4 762	1 332	1 545	1 219	467	194	5
1996 ^(T)	5 048	1 294	1 810	1 266	477	198	3
1997 ^(T)	5 083	1 305	1 803	1 201	576	193	6
1998 ^(T)	6 196	1 449	2 245	1 490	751	247	14
1999 ^(T)	7 121	1 704	2 551	1 773	815	274	4
2000 ^(T)	16 252	3 781	5 615	4 329	1 880	640	7
2001 ^(T)	9 687	2 320	3 399	2 364	1 045	560	-
2002 ^(T)	12 111	2 636	4 207	3 294	1 466	509	-
2003 ^(T)	12 796	2 919	4 536	3 160	1 474	693	14
2004 ^(T)	14 037	3 182	5 099	3 510	1 674	566	6
2005 ^(T)	15 394	3 823	5 414	3 754	1 794	597	11
2006 ^(T)	16 977	4 114	5 765	4 263	2 182	609	44
2007 ^(T)	17 972	4 248	5 691	4 778	2 576	667	14
2008	18 636	4 358	5 940	4 926	2 642	739	31

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

Table 56. Science and technology output indicators

Year	Papers in SCI		Patents granted and rank in U. S. P.	
	Papers	Rank	Patents	Rank
1983	648	40	65	20
1984	742	39	99	17
1985	971	38	174	13
1986	1 192	36	208	13
1987	1 471	32	343	12
1988	1 856	29	457	11
1989	2 178	29	591	11
1990	2 714	28	732	11
1991	3 190	26	906	9
1992	4 220	24	1 001	9
1993	4 735	22	1 189	7
1994	5 788	20	1 443	7
1995	6 642	19	1 620	7
1996	7 504	19	1 897	7
1997	7 843	19	2 057	7
1998	8 732	19	3 100	7
1999	9 112	18	3 693	5
2000	9 350	20	4 667	4
2001	10 776	17	5 371	4
2002	11 004	18	5 431	4
2003	12 484	18	5 298	4
2004	12 988	18	5 938	4
2005	15 712	18	5 118	4
2006	16 578	17	6 361	4
2007	17 914	15	6 128	5

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

Table 57. Number of patents applied and granted

Cases

Year	Patents applied			Patents granted		
	Total	Chinese	Foreigner	Total	Chinese	Foreigner
1979	10 411	6 520	3 891	3 689	1 523	2 166
1980	13 016	8 490	4 526	6 633	2 770	3 863
1981	15 027	10 132	4 895	6 264	2 897	3 367
1982	16 328	10 525	5 803	7 460	3 784	3 676
1983	19 428	13 152	6 276	7 096	3 705	3 391
1984	22 013	14 551	7 462	8 592	4 637	3 955
1985	23 870	16 324	7 546	9 427	5 044	4 383
1986	26 198	18 372	7 826	10 526	5 800	4 726
1987	28 900	18 227	10 673	10 615	5 980	4 635
1988	29 511	17 152	12 359	12 355	6 586	5 769
1989	32 103	17 917	14 186	19 265	10 397	8 868
1990	34 343	19 964	14 379	22 601	11 108	11 493
1991	36 127	22 940	13 187	27 281	13 555	13 726
1992	38 554	26 118	12 436	21 264	12 298	8 966
1993	41 185	28 426	12 759	22 317	15 414	6 903
1994	42 412	29 307	13 105	19 032	12 563	6 469
1995	43 461	28 900	14 561	29 707	20 717	8 990
1996	47 055	31 185	15 870	29 469	19 410	10 059
1997	53 164	33 657	19 507	29 356	19 551	9 805
1998	54 003	34 243	19 760	25 051	16 417	8 634
1999	51 921	32 643	19 278	29 144	18 052	11 092
2000	61 231	36 369	24 862	38 665	23 737	14 928
2001	67 860	40 210	27 650	53 789	32 310	21 479
2002	61 402	35 926	25 476	45 042	24 846	20 196
2003	65 742	39 663	26 079	53 034	30 955	22 079
2004	72 082	43 020	29 062	49 610	33 517	16 093
2005	79 442	47 721	31 721	57 236	42 324	14 912
2006	80 988	48 626	32 362	48 774	33 773	15 001
2007	81 834	49 595	32 239	49 006	34 068	14 938
2008	83 613	51 339	32 274	42 283	32 364	9 919

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

Table 58. Saturation rate of newspapers and magazines

Year	Newspaper		Magazine	
	Per hundred households	Saturation rate (%)	Per hundred households	Saturation rate (%)
1979	58.58	53.45	10.38	8.03
1980	58.85	54.61	9.91	7.42
1981	64.75	59.21	12.55	8.82
1982	63.96	59.28	13.85	9.64
1983	65.88	59.34	13.71	9.34
1984	67.96	61.55	15.62	10.33
1985	72.71	64.80	16.72	11.67
1986	75.54	66.26	17.58	12.38
1987	70.34	62.56	19.61	13.82
1988	67.37	60.34	17.83	13.56
1989	71.13	62.46	18.28	13.76
1990	69.49	62.27	14.82	11.37
1991	68.61	62.03	17.12	13.62
1992	66.04	60.13	17.04	13.22
1993	63.04	57.78	16.47	13.05
1994	64.53	57.87	16.82	12.46
1995	60.54	55.61	17.21	12.87
1996	56.45	52.25	15.81	12.45
1997	56.93	52.23	16.93	13.20
1998	53.56	49.41	16.38	13.31
1999	51.68	47.42	17.67	13.39
2000	46.91	43.61	18.16	14.12
2001	41.44	38.81	19.12	14.30
2002	40.39	38.11	18.33	14.74
2003	37.87	35.78	16.34	13.09
2004	35.44	33.63	15.62	12.92
2005	33.68	32.31	14.72	12.37
2006	29.46	28.16	14.40	12.18
2007	27.92	26.60	13.13	11.05
2008	24.48	23.59	12.23	10.01

Table 59. General conditions of culture and mass communication

Numbers

Year	Public libraries	Books published ¹	Publishing industries ²					
			Total	Newspaper & related publishing	Periodical & magazine publishing	Book publishing	Other publishings	Software publishing
1979	112	9 520	-	-	-	-	-	-
1980	146	8 876	-	-	-	-	-	-
1981	135	8 865	-	-	-	-	-	-
1982	142	8 776	-	-	-	-	-	-
1983	146	9 008	-	-	-	-	-	-
1984	149	9 256	-	-	-	-	-	-
1985	179	8 822	-	-	-	-	-	-
1986	201	10 255	-	-	-	-	-	-
1987	198	12 046	-	-	-	-	-	-
1988	204	11 982	-	-	-	-	-	-
1989	252	12 964	-	-	-	-	-	-
1990	324	16 156	-	-	-	-	-	-
1991	310	12 418	-	-	-	-	-	-
1992	331	13 501	-	-	-	-	-	-
1993	344	14 743	-	-	-	-	-	-
1994	358	24 483	2 110	104	841	837	328	-
1995	370	26 084	2 263	113	838	963	349	-
1996	414	24 876	2 326	121	817	1 039	349	-
1997	425	23 801	2 387	117	758	1 137	375	-
1998	408	30 868	2 484	119	757	1 242	366	-
1999	421	30 871	2 639	164	803	1 289	383	-
2000	468	34 533	2 775	184	822	1 363	406	-
2001	506	36 546	2 853	190	820	1 409	434	-
2002	512	38 953	2 993	195	835	1 503	460	-
2003	506	39 138	3 133	195	852	1 587	499	-
2004	510	39 882	3 286	200	890	1 665	531	-
2005	516	41 966	3 443	192	944	1 739	568	-
2006	530	42 281	3 453	173	939	1 763	578	-
2007	538	42 018	3 512	190	959	1 772	591	-
2008	544	41 341	3 086	198	982	1 748	81	77

Note : ¹After 1994, number of books referred to published books with International Standard Book Number (ISBN) by National Central Library.²Beginning from 2008, the figures are reclassified according to the sixth revision of Standard Industrial Classification on Taxation of the Republic of China.

Table 60. General condition of

Year and locality	Total	By category of law						Old House
		National	Municipal	Counties (Cities)	1st Class	2nd Class	3rd Class	
2004	592	16	89	191	24	50	222	58
2005	616	19	93	208	24	50	222	62
2006	648	89	141	418	-	-	-	81
2007	670	87	149	434	-	-	-	89
2008	690	88	207	395	-	-	-	102
Taiwan Province	477	65	54	358	-	-	-	44
Taipei County	60	6	54	0	-	-	-	10
Yilan County	27	0	0	27	-	-	-	3
Taoyuan County	12	1	0	11	-	-	-	1
Hsinchu County	21	1	0	20	-	-	-	5
Miaoli County	8	1	0	7	-	-	-	1
Taichung County	18	1	0	17	-	-	-	6
Changhwa County	35	6	0	29	-	-	-	0
Nantou County	14	1	0	13	-	-	-	0
Yunlin County	10	1	0	9	-	-	-	0
Chiayi County	10	2	0	8	-	-	-	1
Tainan County	15	2	0	13	-	-	-	2
Kaohsiung County	22	2	0	20	-	-	-	0
Pingtung County	18	3	0	15	-	-	-	1
Taitung County	0	0	0	0	-	-	-	0
Hualien County	9	0	0	9	-	-	-	3
Penghu County	23	8	0	15	-	-	-	2
Keelung City	13	3	0	10	-	-	-	3
Hsinchu City	23	5	0	18	-	-	-	1
Taichung City	13	1	0	12	-	-	-	1
Chiayi City	14	1	0	13	-	-	-	0
Tainan City	112	20	0	92	-	-	-	4
Taipei City	145	12	133	0	-	-	-	43
Kaohsiung City	22	2	20	0	-	-	-	2
Fukien Province	46	9	0	37	-	-	-	13
Kinmen County	43	8	0	35	-	-	-	13
Lienchiang County	3	1	0	2	-	-	-	0

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

historical sites

Places

By kinds										
Temple	Castle & tower	Monu-mental shrine	Fort and strategic passage on the border	Study house	Church	Govern-ment office	Tablet	Light house	Bridge	Others
173	17	15	20	14	5	17	15	5	9	244
174	17	16	20	14	7	21	15	5	9	256
186	17	16	23	13	9	26	23	5	9	240
188	16	17	23	12	7	26	16	5	10	261
163	17	18	24	12	35	25	24	5	13	252
134	15	12	21	11	31	13	20	2	12	162
10	0	0	2	2	1	2	8	0	4	21
6	0	1	0	0	2	0	2	0	4	9
9	0	0	0	0	0	0	0	1	1	0
15	0	0	1	0	0	0	0	0	0	0
2	0	1	0	0	0	0	0	0	1	3
2	0	1	0	1	0	1	0	0	0	7
0	0	0	0	2	26	0	4	0	0	3
3	0	0	0	3	0	0	2	0	1	5
5	0	0	0	1	0	1	0	0	0	3
8	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	3
2	2	0	0	1	0	0	0	0	0	17
7	2	0	3	1	1	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0
1	0	2	0	0	0	1	2	0	0	0
6	2	0	4	0	0	0	2	1	0	6
0	0	0	7	0	0	1	0	0	0	2
7	1	4	0	0	0	2	0	0	0	8
6	0	0	0	0	0	2	0	0	0	4
3	0	0	0	0	1	0	0	0	0	10
32	8	3	4	0	0	3	0	0	0	58
18	1	3	1	1	4	8	1	0	0	65
3	1	0	2	0	0	3	0	1	0	10
8	0	3	0	0	0	1	3	2	1	15
8	0	3	0	0	0	1	2	0	1	15
0	0	0	0	0	0	0	1	2	0	0

Table 61. Average entertainment expenditure per person

N.T. Dollars

Year	Total	Traveling	Recreational and cultural services	Facilities and attachments	Newspapers, magazines and stationery
1994	10 604	5 683	1 765	1 869	1 287
1995	11 330	6 102	1 968	1 959	1 301
1996	11 357	5 847	2 008	2 030	1 472
1997	12 011	5 929	2 293	2 206	1 583
1998	11 616	5 488	2 432	2 160	1 536
1999	12 207	5 906	2 491	2 257	1 553
2000	12 890	6 511	2 621	2 260	1 498
2001	12 082	5 714	2 607	2 325	1 437
2002	12 037	5 876	2 590	2 183	1 388
2003	11 441	5 116	2 599	2 408	1 319
2004	12 452	5 870	2 729	2 533	1 320
2005	12 657	6 126	2 758	2 481	1 292
2006	12 798	6 695	2 525	2 351	1 227
2007	12 851	6 553	2 477	2 676	1 145
2008	12 123	6 110	2 451	2 516	1 046

Table 62. Saturation rate of playground and recreational apparatuses

Year	Park, Green Area, Play Ground, Athletic Complex & Square (Hectares)		Recreational apparatuses (per 100 Households)				
	Total area	Area per 10 000 population	Color television sets	DVD player	Personal computer	Cable TV	Pianos
1994	57 841	27.38	99.36	-	15.29	43.37	11.37
1995	57 750	27.11	99.29	-	18.54	54.15	11.77
1996	58 748	27.29	99.32	-	22.56	59.57	11.40
1997	60 689	27.91	99.47	-	28.39	65.97	11.44
1998	60 977	27.81	99.17	-	32.31	68.09	11.59
1999	61 002	27.61	99.31	7.25	38.92	67.87	11.00
2000	71 963	32.30	99.45	13.47	46.49	71.96	10.80
2001	4 056	2.31	99.29	22.49	50.86	72.34	10.92
2002	4 130	2.34	99.56	32.86	56.80	74.81	11.64
2003	4 439	2.53	99.51	40.11	58.74	76.12	10.71
2004	4 705	2.65	99.47	45.99	62.37	78.53	11.06
2005	4 785	2.67	99.46	48.60	63.15	79.02	11.42
2006	5 027	2.80	99.55	53.53	66.12	79.82	11.29
2007	5 534	3.00	99.37	52.68	67.13	79.93	10.58
2008	5 736	3.12	99.39	44.11	69.27	81.65	10.44

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

HEALTH AND ENVIRONMENT

This chapter is concerned with information on public health and environments in our country. In the area of public health, this chapter contains data on medical care facilities, health personnel, causes of death, nutrient consumption and health services. Data on medical care facilities, health personnel, health services and death rates of the leading causes, infant and maternity are obtained from the official statistics contained in the *Health and Vital Statistics*, an annual report published by the Department of Health. Data on nutrient supply are obtained from the *Taiwan Agriculture Yearbook* published by the Council of Agriculture. In the area of the environment, this chapter includes information on air pollution, pollution of rivers, environmental noise monitoring, Clearance of municipal solid waste, expenditure of departments of environment protection, natural protected area and water withdrawal. Data on environment come from the official statistics contained in the *Yearbook of Environmental Protection Statistics* published by the Environmental Protection Administration, and data on natural protected area and water withdrawal are from the Council of Agriculture and Water Resources Agency, MEA. respectively.

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

Pollutants Standard Index (PSI) -- The procedure to calculate the PSI follows: First, each of the air pollutants -- including suspended particulate with a diameter less than $10\mu\text{m}$, sulfur dioxide density, nitrogen dioxide density, carbon monoxide density, and ozone density -- monitored in the air by one of the 19 monitoring stations scattered in Taiwan Area is converted to the PSI sub-index value. Second, the largest one picked from the 5 PSI sub-index values calculated by the station for a day is to serve as the PSI for the station on the specific day.

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

PSI value	24-hr. PM ₁₀	24-hr. SO ₂		8-hr. CO		1-hr. O ₃		1-hr. 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

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
BOD ₅	(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
NH ₃ -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 exceed 6.0, the water is "heavy-polluted".

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

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

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

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

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

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

Table 63. General conditions of medical facilities

End of Year	Medical care facilities ^{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)		
1979	10 406	3.46	1 680	36 315	20.78
1980	10 864	3.31	1 639	39 534	22.22
1981	11 161	3.23	1 625	44 053	24.29
1982	11 620	3.10	1 588	53 498	28.98
1983	11 951	3.01	1 567	57 419	30.65
1984	12 103	2.97	1 571	62 467	32.86
1985	12 323	2.92	1 563	74 081	38.47
1986	12 533	2.87	1 552	80 991	41.63
1987	12 199	2.95	1 613	86 328	43.88
1988	12 215	2.96	1 629	88 572	44.50
1989	12 267	2.95	1 639	86 693	43.11
1990	12 902	2.80	1 578	89 151	43.80
1991	13 661	2.65	1 505	92 785	45.14
1992	14 468	2.50	1 434	96 084	46.30
1993	15 062	2.40	1 394	100 570	47.90
1994	15 752	2.30	1 344	103 733	48.98
1995	16 109	2.25	1 326	112 379	52.62
1996	16 645	2.17	1 293	114 923	53.39
1997	17 398	2.08	1 250	121 483	55.87
1998	17 731	2.04	1 237	124 564	56.80
1999	17 770	2.04	1 243	122 937	55.65
2000	18 082	2.00	1 232	126 476	56.78
2001	18 265	1.98	1 227	127 676	56.98
2002	18 228	1.99	1 236	133 398	59.23
2003	18 777	1.93	1 204	136 331	60.31
2004	19 240	1.88	1 179	143 343	63.18
2005	19 433	1.86	1 172	146 382	64.29
2006	19 682	1.84	1 162	148 962	65.12
2007	19 900	1.82	1 154	150 628	65.61
2008	20 174	1.79	1 142	152 901	66.37

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

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 radiation technologists & technicians	Others
1979	39 614	33.24	4.48	26.13	28.41	-	-	7.73
1980	42 417	31.44	4.50	28.13	27.49	1.16	-	7.27
1981	45 696	29.85	4.66	28.35	28.88	1.59	-	6.67
1982	49 899	28.82	4.88	28.17	30.41	1.47	-	6.25
1983	52 648	27.86	5.10	27.50	31.87	2.03	-	5.64
1984	57 404	26.45	5.13	26.48	34.66	2.44	-	4.84
1985	66 278	25.55	4.94	24.59	36.59	2.99	1.47	3.87
1986	69 339	25.71	5.39	23.41	37.52	3.19	1.06	3.72
1987	77 246	25.07	5.37	22.78	39.06	3.29	1.18	3.24
1988	83 045	24.79	5.43	21.24	40.80	3.58	1.16	3.00
1989	85 599	24.34	5.68	21.05	41.38	3.76	1.50	2.29
1990	91 153	24.46	5.98	19.69	42.08	4.01	1.57	2.22
1991	96 921	24.38	6.17	19.16	43.08	3.82	1.55	1.84
1992	102 977	24.26	6.26	17.96	44.54	3.82	1.65	1.51
1993	109 538	23.91	5.97	17.69	45.92	3.95	1.53	1.04
1994	114 076	23.92	6.11	16.45	47.10	4.03	1.49	0.90
1995	118 248	23.25	5.94	16.26	47.99	3.99	1.52	1.05
1996	123 829	22.44	5.86	15.88	49.66	4.07	1.17	0.92
1997	137 829	21.06	5.49	15.41	50.54	3.91	1.64	1.93
1998	144 070	21.26	5.48	15.80	49.43	3.88	1.72	2.43
1999	152 385	20.84	5.41	15.71	49.61	3.95	1.64	2.84
2000	159 212	20.93	5.40	15.33	49.73	3.91	1.73	2.97
2001	165 855	20.83	5.39	15.01	49.90	3.94	1.90	3.03
2002	175 444	20.31	5.25	14.45	51.05	3.83	1.94	3.16
2003	183 103	20.02	5.22	13.67	52.03	3.85	1.94	3.27
2004	192 611	19.70	5.12	13.54	52.68	3.70	1.92	3.34
2005	199 734	19.38	5.08	13.39	52.46	3.67	1.94	4.08
2006	206 959	19.15	5.03	13.25	52.74	3.60	1.96	4.27
2007	214 748	18.96	5.00	13.06	53.01	3.56	1.96	4.45
2008	223 623	18.90	4.96	12.85	53.12	3.53	1.99	4.65

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. Health services in contracted medical institutions

Persons

Year	Preventive service of adult health check-up for NHI (%)		Preventive service of child health check-up for NHI			
	40-64 years	65+ years	%	Number		
				under 1 years	1-3 years	3-7 years
2001	13.65	37.53	74.16	518 628	144 838	36 599
2002	14.06	41.17	77.88	740 118	251 703	89 560
2003	14.39	40.84	78.38	714 758	221 415	90 534
2004	14.37	38.87	62.21	393 856	326 772	179 277
2005	11.98	36.23	74.48	626 961	559 131	257 093
2006	11.37	35.86	86.32	716 974	640 397	269 982
2007	12.30	37.45	82.78	549 168	504 744	195 413

Year	O.P.D Examination		Type of childbirth			Pap smear examination	
	NO. of person received first examination	34+ years	Total	Spontaneous childbirth	Cesarean section	Number	Use rate (%)
2001	244 665	23 057	238 551	159 296	79 255	1 254 282	32.86
2002	214 708	29 392	228 220	152 426	75 794	2 553 064	31.98
2003	117 846	18 902	213 606	143 977	69 629	2 575 030	27.39
2004	186 841	16 378	209 783	141 824	67 959	1 257 240	29.13
2005	212 873	20 814	199 729	133 675	66 054	1 718 601	26.39
2006	252 370	29 512	198 334	131 816	66 518	1 943 181	29.05
2007	209 387	37 700	196 258	128 557	67 701	1 745 442	25.52

Table 66. Death rates of the leading

Year	Death rates by the				
	Malignant neoplasms	Heart disease	Cerebrovascular disease	Diabetes mellitus	Accident
1979	70.58	40.64	75.51	6.95	64.40
1980	75.09	43.37	75.35	7.91	63.99
1981	76.59	42.88	79.03	8.98	64.64
1982	78.66	43.82	77.99	10.82	60.37
1983	81.65	47.44	80.56	12.63	60.25
1984	81.95	45.97	78.43	14.24	61.25
1985	85.02	43.52	76.42	15.31	58.97
1986	85.55	51.42	76.78	15.34	62.96
1987	88.64	57.30	73.99	16.80	66.57
1988	92.14	54.76	76.14	19.62	69.38
1989	94.36	53.48	72.28	19.33	70.22
1990	91.63	56.87	70.06	19.57	68.85
1991	95.97	58.79	69.11	20.58	66.66
1992	101.47	62.91	69.35	23.66	63.68
1993	107.05	59.99	65.62	25.74	63.65
1994	110.58	56.93	64.77	28.90	62.69
1995	121.50	52.93	66.45	33.97	61.05
1996	130.41	52.58	65.03	35.10	57.93
1997	134.10	49.71	59.56	34.67	52.22
1998	134.00	50.51	58.18	34.49	50.25
1999	135.32	51.33	57.39	40.99	58.88
2000	142.23	47.56	60.10	42.60	47.40
2001	147.68	49.25	58.82	40.79	42.58
2002	152.88	50.93	53.46	39.26	37.79
2003	156.01	52.23	54.98	44.38	36.30
2004	160.54	56.79	54.48	40.58	37.33
2005	163.76	57.06	57.81	46.20	36.80
2006	166.49	53.82	55.19	42.46	35.10
2007	175.90	56.74	56.18	44.64	31.11
2008	169.20	68.38	46.37	34.94	30.77

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)
Pneumonia	Chronic liver disease and Cirrhosis	Nephritis ¹ , Nephrotic Syndrome and Nephrosis	Suicide	Hypertensive disease		
18.81	17.03	7.82	9.91	17.86	9.55	17.28
19.25	16.92	7.59	9.97	18.43	9.83	18.66
15.77	17.11	12.96	11.34	17.51	8.86	19.38
12.31	16.95	11.60	12.30	17.61	8.08	19.06
11.34	17.11	11.59	12.00	18.47	7.64	17.01
9.59	16.65	11.29	10.87	17.50	6.86	14.06
10.61	16.48	11.53	11.92	18.08	6.78	9.85
12.29	16.63	11.02	11.68	17.30	6.29	9.41
12.44	16.66	10.80	9.46	15.76	5.08	8.94
13.08	17.85	10.43	9.05	15.88	5.34	9.09
14.73	17.75	10.47	7.86	14.83	5.71	12.72
16.60	17.82	11.39	6.72	14.79	5.27	11.94
12.93	17.60	12.35	7.16	12.18	5.05	7.78
14.07	18.15	14.21	6.69	11.14	5.18	6.85
13.50	18.01	13.71	6.24	10.96	4.80	8.92
13.71	19.74	15.23	6.88	10.39	5.07	8.05
14.44	20.95	16.55	7.61	12.30	6.43	7.59
14.92	21.50	16.54	8.61	12.39	6.66	7.68
16.73	22.03	16.20	10.04	12.07	6.35	9.20
20.37	22.62	15.73	9.97	10.41	6.57	8.84
18.20	23.53	15.78	10.36	8.43	6.07	8.46
14.88	23.32	17.45	11.14	7.22	5.86	7.86
16.77	23.45	18.15	12.45	7.90	5.99	6.91
20.17	21.35	18.55	13.59	8.67	5.35	7.68
22.60	22.98	19.08	14.16	8.17	4.87	6.61
24.44	23.63	20.67	15.31	7.97	5.30	5.54
25.02	24.73	21.21	18.84	8.32	4.98	7.29
23.64	22.12	20.65	19.30	7.96	4.61	7.34
25.72	22.52	22.25	17.16	8.63	4.69	6.85
37.66	21.38	17.45	17.95	15.25	4.51	6.54

Table 67. Daily nutrient

Year	Energy (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)
1978	2 822.1	77.0	81.3	433.3	468.9
1979	2 845.1	78.7	84.3	431.6	475.1
1980	2 811.8	79.2	85.6	420.5	478.2
1981	2 728.6	75.3	85.5	403.1	461.2
1982	2 749.2	76.6	90.4	396.6	473.5
1983	2 721.3	77.0	93.1	383.5	467.1
1984	2 592.9	78.8	80.8	379.1	441.2
1985	3 136.9	81.2	83.4	376.0	458.9
1986	2 725.5	84.2	92.3	380.7	488.3
1987	2 808.9	89.5	97.0	385.3	505.1
1988	2 821.7	88.3	98.5	386.4	517.2
1989	2 876.1	90.3	105.7	381.5	539.4
1990	2 908.5	92.8	109.6	377.8	559.1
1991	2 928.7	91.7	114.4	373.6	582.4
1992	2 946.8	94.1	115.2	372.9	594.7
1993	3 005.4	97.5	120.6	372.2	608.8
1994	3 058.3	96.7	125.0	375.0	626.8
1995	3 058.2	98.5	126.2	369.3	645.7
1996	3 053.7	98.6	126.7	368.4	643.5
1997	3 135.2	101.8	131.0	374.5	654.6
1998	2 973.4	95.9	121.0	362.6	589.7
1999	3 048.2	98.0	127.1	367.7	618.4
2000	3 021.8	96.7	123.7	370.1	601.3
2001	2 880.0	92.4	117.2	352.6	576.8
2002	2 934.6	95.3	124.6	352.9	614.5
2003	2 976.7	96.5	124.9	361.5	600.6
2004	2 888.2	91.8	119.9	355.1	577.5
2005	2 949.3	91.5	126.7	355.9	572.6
2006	2 886.8	92.0	121.0	351.0	580.1
2007	2 860.1	92.4	121.5	342.9	564.9

consumption per capita

Phosphorus (Milligrams)	Iron (Milligrams)	Vitamin A value (International unit)	Thiamine (Milligrams)	Riboflavin (Milligrams)	Niacin value (Milligrams)	Ascorbic acid (Milligrams)
1 246.4	13.2	5 108.5	1.6	0.9	15.8	121.0
1 275.0	13.8	6 069.1	1.7	1.0	16.4	132.4
1 258.2	13.6	6 344.7	1.7	1.0	16.3	131.2
1 207.6	13.2	6 408.0	1.6	0.9	15.6	128.8
1 229.7	13.3	6 065.8	1.6	1.0	16.1	126.3
1 220.0	13.3	5 904.7	1.6	1.0	15.9	119.2
1 190.6	11.0	7 459.8	1.4	1.1	15.8	134.2
1 213.4	11.3	7 404.6	1.5	1.2	15.8	133.0
1 245.5	12.0	6 775.3	1.5	1.2	15.8	127.7
1 298.6	12.6	7 621.3	1.6	1.3	16.6	140.9
1 273.6	12.6	7 241.2	1.5	1.3	16.1	142.6
1 281.9	12.6	7 005.7	1.5	1.3	16.2	138.4
1 314.9	13.0	6 814.1	1.6	1.3	16.6	132.2
1 304.0	12.9	7 368.0	1.6	1.4	15.7	138.4
1 339.1	13.4	7 315.6	1.6	1.5	16.8	132.9
1 377.8	13.7	7 648.0	1.6	1.5	17.7	141.7
1 370.7	13.9	7 700.3	1.7	1.5	16.8	133.9
1 385.5	14.2	8 084.5	1.7	1.6	16.7	141.4
1 361.9	14.2	8 596.0	1.6	1.6	16.7	143.9
1 390.6	14.2	8 514.9	1.6	1.6	17.3	157.8
1 302.3	12.8	8 368.2	1.6	1.5	17.1	141.4
1 334.4	13.3	9 109.6	1.6	1.6	17.6	167.0
1 308.2	13.2	8 697.5	1.6	1.6	17.1	150.9
1 245.5	12.7	8 327.3	1.5	1.5	16.4	149.0
1 298.9	13.9	9 069.7	1.6	1.6	16.9	160.6
1 281.5	14.1	8 681.1	1.6	1.5	16.8	156.3
1 225.9	13.4	8 516.7	1.6	1.5	16.2	153.5
1 203.2	13.6	8 194.5	1.5	1.4	15.5	140.8
1 216.5	13.6	8 565.5	1.6	1.5	15.6	152.2
1 215.9	13.4	8 059.2	1.5	1.4	15.6	139.4

Table 68. Number of patients of notifiable diseases

End of Year	Persons						
	Tuberculosis	Dysentery	Typhoid & paratyphoid fever	Acute viral hepatitis	Enteroviruses complicated severe case	AIDS	Dengue fever
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	-	-	-
1987	7 154	126	80	181	-	-	527
1988	6 501	192	98	161	-	-	4 389
1989	7 351	218	105	112	-	9	35
1990	7 329	141	81	90	-	7	10
1991	7 107	107	68	207	-	18	175
1992	11 765	116	89	255	-	22	23
1993	10 456	588	42	19	-	36	13
1994	10 346	220	48	410	-	65	244
1995	10 836	573	47	958	-	100	364
1996	12 579	263	68	560	-	162	53
1997	16 854	426	54	511	-	135	76
1998	14 169	446	78	576	-	155	334
1999	13 496	265	60	485	35	180	65
2000	13 910	643	46	298	291	181	140
2001	14 486	1 630	70	769	393	165	270
2002	16 758	725	62	806	162	177	5 388
2003	15 042	367	55	674	70	225	145
2004	16 784	252	57	807	50	257	427
2005	16 472	294	38	785	142	506	306
2006	15 378	264	53	613	11	579	1 074
2007	14 499	391	40	581	12	1 061	2 179
2008	14 224	317	44	631	373	850	714

Table 69. Nature protected areas

End of Year	Total sizes (Hectares)	Total sizes as % of national territory (%)	Protected area per 1 000 inhabitants (Ha./1 000 Persons)
1979	21 101	0.6	1.2
1980	21 391	0.6	1.2
1981	58 487	1.6	3.2
1982	58 487	1.6	3.2
1983	58 487	1.6	3.1
1984	92 289	2.1	4.8
1985	209 234	5.4	10.8
1986	302 524	7.9	15.5
1987	302 524	7.9	15.3
1988	349 524	9.2	17.5
1989	349 524	9.2	17.3
1990	349 524	9.2	17.1
1991	351 250	9.3	17.0
1992	450 655	12.0	21.7
1993	451 276	12.1	21.5
1994	451 959	12.1	21.3
1995	458 684	12.3	21.5
1996	458 890	12.3	21.3
1997	451 821	12.1	20.8
1998	463 502	12.4	21.1
1999	463 573	12.4	21.0
2000	691 731	18.7	31.1
2001	693 874	18.7	31.0
2002	694 508	18.8	30.8
2003	695 258	18.8	30.8
2004	695 959	18.8	30.7
2005	695 875	18.8	30.6
2006	695 660	18.8	30.4
2007	1 049 328	18.8	45.7
2008	1 051 148	18.8	45.6

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

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

Table 70. Concentration

Year	Dustfall (Ton/Km ² /Month)	Total suspended particulates (μ g/m ³)	Suspended particulates (μ g/m ³)	Sulfur Dioxide
1999	5.68	101.53	59.95	5.275
2000	5.26	97.23	59.37	4.273
2001	5.41	98.15	57.87	4.363
2002	5.22	94.74	54.28	3.582
2003	4.79	93.06	55.03	3.386
2004	5.77	98.33	62.13	4.082
2005	5.86	92.97	62.75	5.181
2006	5.97	86.65	59.68	4.609
2007	5.92	82.27	59.09	4.533
2008	4.87	80.66	58.07	4.353

Note : Data referred to general air quality monitoring stations.

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	
1994	19 910	6 653	11 866	1 389	2	0	7.0
1995	19 952	7 168	11 567	1 214	3	0	6.1
1996	20 692	8 209	11 123	1 351	9	0	6.6
1997	20 688	8 341	11 216	1 126	5	0	5.5
1998	20 722	9 813	9 863	1 042	4	0	5.1
1999	20 647	9 557	10 035	1 054	1	0	5.1
2000	20 760	9 609	10 101	1 050	0	0	5.1
2001	20 699	8 985	11 011	703	0	0	3.4
2002	20 722	8 738	11 321	662	1	0	3.2
2003	20 195	8 551	11 117	527	0	0	2.6
2004	20 598	7 950	11 700	948	0	0	4.6
2005	20 713	8 236	11 554	921	2	0	4.5
2006	20 760	8 578	11 319	863	0	0	4.2
2007	20 759	8 444	11 481	831	3	0	4.0
2008	20 779	8 737	11 425	615	1	1	3.0

Note : Data referred to general air quality monitoring stations.

of air pollutants

ppb

Carbon monoxide	Nitrogen dioxide	Hydrocarbons (Non-methane)	Ozone
743.44	22.735	372.45	54.052
696.82	21.639	303.39	53.683
726.42	21.381	373.82	56.614
603.04	19.282	257.30	59.763
619.07	18.684	390.98	59.700
549.10	20.304	364.32	61.470
537.98	18.457	269.41	56.977
515.78	18.058	258.07	59.739
511.44	17.868	267.76	60.126
470.25	16.896	254.81	58.471

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
75.9	0	0	24.0	0
71.5	0	0	28.5	0
61.0	0	0	39.0	0
44.7	0	0	55.3	0
42.7	0	0	57.3	0
43.2	0	0	56.8	0
60.1	0	0	39.9	0
36.8	0	0	63.2	0
21.4	0	0	78.6	0
23.7	0	0	76.3	0
32.8	0	0	67.2	0
42.6	0	0	57.4	0
40.8	0	0	59.2	0
25.9	0	0	74.1	0
40.2	0	0	59.8	0

Table 72. General quality of major rivers

mg/l

Year and river	DO	BOD ₅	S.S.	NH ₃ -N
1994	6.3	6.5	94.0	2.8
1995	6.2	8.2	176.7	3.3
1996	5.7	7.3	122.6	4.7
1997	5.9	6.6	124.6	3.5
1998	6.1	5.4	122.9	3.1
1999	7.1	4.1	114.2	1.8
2000	7.0	4.2	93.8	2.3
2001	6.1	6.6	191.2	4.2
2002	6.0	6.8	109.5	3.7
2003	5.9	7.2	120.1	3.8
2004	6.6	5.9	171.8	3.5
2005	7.0	4.5	203.7	2.4
2006	7.7	3.2	150.0	1.7
2007	7.7	3.0	200.4	2.2
2008	7.7	2.6	165.5	1.7
Danshui river	6.8	2.6	24.0	1.6
Lanyang stream	8.3	0.9	504.0	0.2
Fengshan stream	8.9	1.7	25.0	0.4
Touchien stream	9.0	0.7	56.0	0.1
Chungkang stream	7.4	4.3	23.0	0.9
Houlung stream	8.6	2.8	28.0	0.3
Taan stream	9.1	1.2	31.0	0.1
Tachia stream	9.3	1.4	50.0	0.1
Wu stream	8.0	3.3	117.0	0.8
Choshui stream	8.7	1.0	1 501.0	0.1
Peikang stream	5.6	7.3	208.0	3.8
Potzu stream	7.1	3.1	133.0	5.2
Pachang stream	7.6	2.0	280.0	1.1
Chishui stream	3.9	5.6	77.0	2.8
Tsengwen stream	7.8	1.8	357.0	0.2
Yenshui stream	5.1	6.0	144.0	4.9
Erhjen stream	3.1	15.2	84.0	13.6
Akungdiaun stream	3.7	9.4	55.0	19.0
Kaoping stream	7.2	2.4	201.0	1.4
Tungkang stream	4.5	2.8	26.0	2.2
Szuchung stream	8.6	0.5	14.0	0.0
Peinan stream	8.6	0.5	336.0	0.0
Hsiukuluan stream	8.6	1.0	149.0	0.1
Hualien stream	8.8	0.7	204.0	0.1
Hoping stream	8.8	0.8	1 501.0	0.1

Table 73. Pollution level of major rivers

%

Year and river	Non-polluted	Light-polluted	Medium-polluted	Heavy-polluted
1994	63.3	12.3	11.1	13.3
1995	64.2	11.5	10.9	13.4
1996	62.4	10.4	12.3	14.9
1997	64.4	10.1	13.5	12.0
1998	64.3	9.3	15.1	11.3
1999	66.2	7.6	14.2	12.0
2000	63.6	12.0	12.3	12.1
2001	61.7	9.8	15.4	13.2
2002	62.4	12.0	11.5	14.0
2003	59.4	13.4	11.3	15.8
2004	64.0	9.8	18.5	7.6
2005	64.2	9.9	19.7	6.2
2006	65.5	9.0	19.5	6.0
2007	61.8	7.9	23.6	6.7
2008	65.2	9.0	21.5	4.2
Danshui river	66.8	13.1	15.1	5.0
Lanyang stream	99.1	0.9	-	-
Fengshan stream	88.3	7.4	4.3	-
Touchien stream	69.3	14.0	16.7	-
Chungkang stream	84.1	4.4	8.4	3.2
Houlung stream	77.6	17.0	5.4	-
Taan stream	100.0	-	-	-
Tachia stream	98.4	1.6	-	-
Wu stream	100.0	-	-	-
Choshui stream	100.0	-	-	-
Peikang stream	1.3	4.2	62.2	32.3
Potzu stream	37.1	8.0	51.5	3.4
Pachang stream	41.4	15.2	43.4	-
Chishui stream	20.2	5.4	54.0	20.4
Tsengwen stream	63.7	26.9	9.4	-
Yenshui stream	18.1	13.6	47.9	20.4
Erhjen stream	7.2	3.6	67.3	21.9
Akungdiaun stream	-	-	22.0	78.0
Kaoping stream	39.5	11.5	46.9	2.1
Tungkang stream	33.1	30.8	28.0	8.1
Szuchung stream	91.5	0.4	8.1	-
Peinan stream	100.0	-	-	-
Hsiukuluan stream	63.9	11.1	25.0	-
Hualien stream	61.2	14.0	24.8	-
Hoping stream	100.0	-	-	-

Table 74. Environmental

Year & Noise Items	No. of Monitoring Stations (No. of Stations)	Percentage of Over-standard	
		Total	Control Area I
Traffic Noise Monitoring			
2001	113	8.2	0.0
2002	129	3.7	0.0
2003	122	2.5	0.0
2004	168	3.0	0.0
2005	164	1.5	0.0
2006	164	1.5	0.0
2007	162	1.5	0.0
2008	161	1.4	0.0
General Noise Monitoring			
2005	145	13.6	61.7
2006	150	13.0	54.7
2007	145	11.7	48.3
2008	153	10.1	46.7

Table 75. Clearance of municipal

Fiscal year	Garbage generated ¹ (1 000 tonnes)		Garbage clearance (1 000 tonnes)		Municipal waste recycling rate (%)
		Per capita per day (Kg)		Per capita per day (Kg)	
1994	8 493	1.12	8 493	1.12	-
1995	8 708	1.14	8 708	1.14	-
1996	8 736	1.14	8 736	1.14	-
1997	8 881	1.14	8 881	1.14	-
1998	8 992	1.15	8 880	1.14	1.3
1999	8 716	1.10	8 566	1.08	1.9
2000	8 353	1.09	7 876	0.98	① 5.8
2001	7 839	1.03	7 255	0.90	① 7.5
2002	7 602	0.98	6 724	0.83	① 11.6
2003	7 355	0.94	6 139	0.75	① 16.5
2004	7 554	0.93	5 863	0.71	① 22.4
2005	7 775	0.95	5 525	0.67	① 28.9
2006	7 739	0.94	5 033	0.61	① 35.0
2007	7 976	0.95	4 873	0.58	① 38.9
2008	7 608	0.90	4 374	0.52	42.5

Note: ¹Referred to garbage clearance before 1998.

noise monitoring (Leq)

by Control Area (%)			
Control Area II		Control Area III	Control Area IV
	15.4	3.5	8.9
	12.5	1.4	0.0
	8.6	1.0	0.0
	7.9	0.7	0.0
	4.7	0.0	0.0
	4.6	0.0	0.0
	3.9	0.8	0.0
	3.4	0.8	0.0
	15.2	5.5	0.0
	14.6	4.9	1.7
	15.2	3.5	0.9
	11.2	3.9	0.8

solid waste by all organizations

			Garbage disposal rate (%)	Solid waste collection and treatment personnel (Persons)	Equipment for collection & disposal of solid waste (Vehicles)
Garbage recycling rate	Food waste recycling rate	Bulk waste recycling and reuse rate			
-	-	-	70.5	28 290	7 874
-	-	-	65.1	28 545	8 046
-	-	-	70.9	28 994	8 251
-	-	-	77.0	29 620	8 619
1.3	-	-	82.9	30 192	9 270
1.9	-	-	86.7	30 585	9 745
① 5.8	-	-	① 90.6	31 512	10 862
① 7.5	-	-	① 93.4	29 434	11 343
① 11.6	-	-	① 96.2	29 526	11 979
① 14.3	① 2.3	-	① 98.2	32 041	11 524
① 18.4	① 4.0	-	① 98.9	31 728	12 382
① 22.6	① 6.0	① 0.4	① 99.5	32 264	12 638
① 27.2	① 7.4	① 0.4	① 99.8	32 344	12 952
① 30.2	① 8.3	① 0.4	① 99.6	32 588	① 14 233
32.8	9.1	0.6	100.0	32 588	14 794

Table 76. Budget of

Fiscal year & district	Total ¹	Expenditure on environmental protection as % of GDP	Ordinary administration	Comprehensiv e planning	Research & Development	Air quality ² protection & noise control	Water quality protection	Solid waste management
2001	46 894 616	0.48	5 464 912	324 088	49 620	241 670	685 778	35 159 241
2002	43 428 720	0.42	6 281 233	247 887	52 435	264 837	1 412 000	29 758 543
2003	45 406 142	0.43	5 778 826	301 284	59 212	353 960	1 157 505	32 060 957
2004	44 571 107	0.40	6 217 207	282 894	82 210	219 033	803 800	31 961 175
2005	46 114 713	0.40	6 058 420	622 568	78 112	230 249	1 747 512	32 195 166
2006	45 382 534	0.38	6 401 331	329 025	55 292	193 488	1 760 549	31 161 533
2007	43 722 985	0.35	6 585 951	308 165	78 129	214 322	1 083 466	31 243 910
2008	45 002 263	① 0.36	6 956 058	336 707	96 248	93 935	1 269 775	31 027 758
2009	46 714 821	0.39	7 043 420	419 165	186 289	87 590	1 462 673	31 834 053
E.P.A.	8 510 734	-	770 992	164 194	65 664	25 271	1 265 207	4 617 538
Taipei City	6 047 380	-	358 938	-	-	16 787	3 756	5 110 765
Kaohsiung City	3 035 191	-	799 964	3 159	-	161	5 327	2 192 552
Taipei County	8 298 104	-	1 074 112	37 989	120 595	4 080	70 625	5 762 318
Yilan County	521 048	-	96 324	4 116	-	54	3 680	397 257
Taoyuan County	3 190 596	-	440 747	94 785	-	10 432	14 932	1 713 780
Hsinchu County	601 327	-	133 360	9 850	-	260	4 492	356 208
Miaoli County	735 244	-	98 427	4 797	-	3 723	6 112	592 908
Taichung County	2 264 071	-	259 689	6 536	-	2 313	2 724	1 881 487
Changhwa County	1 209 881	-	212 767	4 664	-	352	2 448	865 123
Nantou County	614 244	-	58 008	2 138	-	92	316	484 467
Yunlin County	861 358	-	107 577	7 958	-	177	3 747	694 752
Chiayi County	559 370	-	131 466	2 393	-	1 070	10 668	382 949
Tainan County	1 436 569	-	318 646	2 113	-	1 762	8 190	944 272
Kaohsiung County	1 871 763	-	385 851	6 425	-	369	21 823	1 368 396
Pingtung County	1 097 943	-	237 159	2 761	-	545	5 790	805 893
Taitung County	276 094	-	38 717	816	-	1 782	2 148	227 594
Hualien County	461 594	-	117 655	3 007	-	1 680	4 131	322 561
Penghu County	161 791	-	24 704	-	-	-	2 350	123 309
Keelung City	790 097	-	465 815	11 099	-	1 883	-	147 363
Hsinchu City	812 924	-	284 676	10 205	-	10 205	12 853	454 143
Taichung City	1 399 747	-	279 925	17 796	-	2 455	3 809	968 336
Chiayi City	462 860	-	115 780	530	-	264	1 488	272 543
Tainan City	1 198 683	-	162 891	2 500	-	1 873	2 005	976 912
Kinmen County	226 431	-	56 366	3 117	-	-	3 469	146 602
Lienchiang County	69 777	-	12 864	16 217	30	-	583	24 025

Note ¹Refer to budget of environmental protection.²1996–1998 Data of E.P.A. including the Fund of Air Quality Protection.

The fiscal year 2000 is from July 1, 1999 to December 31, 2000.

environmental agencies

Thousands of N.T. Dollars

Sanitation & toxic chemicals control	Performance evaluation & dispute settlement	Environmental monitoring & data processing	Environmental analysis	Construct & equipment	Works of sanitation			Others ³
					Air pollution & noise	Water pollution	Solid waste disposal	
429 937	764 665	131 050	120 894	3 216 538	-	-	-	Ⓘ 306 223
870 763	782 952	378 362	118 388	2 633 734	-	-	-	Ⓘ 605 791
731 991	805 230	280 464	131 958	2 845 740	-	-	-	Ⓘ 899 015
729 460	786 189	365 590	131 129	2 710 244	-	-	-	Ⓘ 282 176
717 127	773 445	347 350	133 917	2 935 737	-	-	-	Ⓘ 302 110
1 746 295	790 023	342 910	141 759	2 102 685	-	-	-	Ⓘ 357 644
845 432	786 183	282 972	133 376	1 789 372	-	-	-	Ⓘ 371 707
944 655	777 453	319 389	127 566	2 689 923	-	-	-	362 796
1 480 517	800 210	139 644	330 646	2 640 554	-	-	-	290 060
638 248	575 505	63 622	319 843	-	-	-	-	4 650
85 640	142 833	34 037	3 209	131 588	-	-	-	159 827
21 605	8 468	3 077	-	-	-	-	-	878
436 716	22 106	3 167	890	755 506	-	-	-	10 000
183	8 782	477	222	9 953	-	-	-	-
15 447	7 171	4 783	-	886 321	-	-	-	2 198
16 241	-	2 446	550	71 920	-	-	-	6 000
10 905	3 611	150	-	14 611	-	-	-	-
3 696	13 229	892	-	93 505	-	-	-	-
13 332	1 322	1 062	-	108 811	-	-	-	-
9 783	6 209	361	3 115	49 755	-	-	-	-
3 514	-	-	-	43 563	-	-	-	70
1 400	-	5	-	29 419	-	-	-	-
13 582	3 158	1 041	-	143 805	-	-	-	-
48 077	-	4 103	-	36 719	-	-	-	-
8 583	5 700	743	290	30 479	-	-	-	-
305	-	-	-	4 732	-	-	-	-
2 830	101	479	1 009	379	-	-	-	7 762
2 597	-	-	-	8 831	-	-	-	-
-	-	12 503	-	56 759	-	-	-	94 675
34 719	-	4 605	1 518	-	-	-	-	-
-	-	1 026	-	126 400	-	-	-	-
50 952	2 015	204	-	19 084	-	-	-	-
46 181	-	861	-	1 460	-	-	-	4 000
13 981	-	-	-	2 896	-	-	-	-
2 000	-	-	-	14 058	-	-	-	-

Table 77. Pollution inspection and administrative penalty

Year & type of industries	Number of inspections	Number of penalties	Fine paid (NT\$1000)
1999	1 158 590	89 973	642 704
2000	1 928 857	103 137	680 924
2001	1 415 512	103 303	601 727
2002	1 537 941	110 308	602 509
2003	1 883 275	103 032	626 531
2004	1 638 260	83 829	577 728
2005	1 334 223	92 365	606 983
2006	1 195 530	92 812	649 971
2007	1 311 639	99 301	709 054
2008	1 576 742	134 842	1 376 796
Air pollution	1 202 682	51 899	234 677
Construction sources	11 045	1 542	55 890
Other stationary sources	54 973	2 057	95 492
Autornobil sources	1 136 664	48 300	82 844
Water pollution	50 889	2 549	222 696
Industrial wastewater [exclude livestock wastewater]	27 920	2 134	205 561
Livestock Wastewater	14 884	329	9 403
Industrial sewerage systems	3 322	47	2 590
Public and community sewerage systems	4 763	39	2 013
Others	-	-	3 129
Solid waste pollution	208 883	78 207	138 607
Municipal solid wastes	126 258	70 697	79 217
Industrial solid wastes	24 025	6 845	53 670
Waste clean-up and disposal organizations	4 217	611	4 765
Recycled resources & others	54 383	54	955
Noise pollution	44 072	669	3 346
Toxic chemical substances	6 366	95	5 830
Environmental agents	24 778	42	2 763
Drinking water pollution	11 645	48	2 547
Environment impact assessment	855	1 267	761 875
Soil & groundwater pollution	822	25	1 886
Ocean pollution	980	14	1 743
Other pollution	24 770	27	827

Table 78. Water withdrawal

Year	Per capita annual withdrawal (M ³)	Percentage of ¹ available resources (%)	Water supply service's ratio (%)
1979	957.0	21.0	63.8
1980	908.3	33.2	66.8
1981	916.1	16.5	69.5
1982	928.5	21.9	72.4
1983	1 019.1	24.4	74.5
1984	969.6	22.9	76.4
1985	958.9	19.3	77.9
1986	949.1	21.3	79.1
1987	943.1	22.5	80.2
1988	933.4	23.9	81.7
1989	950.9	24.7	82.7
1990	963.4	15.4	83.6
1991	857.0	19.6	84.2
1992	852.6	15.5	85.1
1993	818.5	26.2	86.2
1994	834.5	15.4	87.5
1995	885.7	26.8	88.0
1996	845.2	16.2	88.8
1997	836.8	21.8	89.5
1998	773.1	13.1	90.0
1999	766.5	20.9	90.3
2000	803.3	20.3	90.5
2001	827.4	20.3	90.5
2002	832.5	20.9	90.8
2003	780.1	26.3	90.9
2004	785.5	18.3	91.3
2005	790.1	12.6	91.6
2006	① 762.9	16.8	91.9
2007	810.6	13.6	92.0
2008	...	...	92.2

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

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JUSTICE AND PUBLIC SAFETY

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

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

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

Violent Crime -- It principally refers to murder and nonnegligent manslaughter, serious intimidation, robbery and forceful taking, kidnapping, serious injury and forcible rape (gang rape). Data on forcible rape could be traced back to 1977; consequently, the revision was made only to data on violent crime as far back to 1977.

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

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

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

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

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

Table 79. Offenses, offenders

Year	Cases known to the police					Crime rate (Cases/100 000 pop.)
	Total (Cases)	Larceny & automobile thief (%)	Violent crime (%)	Gambling (%)	Drug offenses (%)	
1979	52 512	45.8	6.9	6.2	-	303.4
1980	52 350	50.9	7.4	4.8	1.3	296.7
1981	51 292	56.4	6.9	4.2	2.6	285.4
1982	44 622	56.6	8.7	4.0	2.3	243.9
1983	51 427	56.1	8.5	4.2	1.9	276.6
1984	52 168	53.6	8.5	5.3	1.9	276.4
1985	60 707	48.9	9.1	5.8	2.1	317.3
1986	179 990	75.2	3.5	4.5	1.2	929.9
1987	184 328	71.8	3.3	7.7	1.1	942.2
1988	219 713	78.2	3.1	5.4	1.0	1 110.3
1989	260 934	81.6	3.0	4.9	1.0	1 304.3
1990	280 342	82.4	3.6	4.2	1.6	1 385.8
1991	304 141	74.3	2.9	7.1	6.5	1 486.9
1992	289 052	65.8	2.2	9.7	11.9	1 399.5
1993	319 179	67.2	2.2	5.6	14.7	1 531.0
1994	323 459	73.0	2.4	5.6	10.3	1 537.7
1995	429 233	77.4	3.8	4.3	5.6	2 023.3
1996	456 117	76.5	3.7	3.9	6.3	2 132.6
1997	426 425	75.0	3.2	3.2	7.6	1 971.1
1998	434 513	77.0	3.0	2.1	7.1	1 989.9
1999	386 241	70.5	2.9	1.8	10.4	1 754.8
2000	438 520	69.7	2.4	0.9	9.5	1 976.7
2001	490 736	68.9	2.9	0.5	5.9	2 196.6
2002	503 389	67.7	3.0	0.5	5.1	2 241.0
2003	494 755	66.8	2.6	0.5	5.2	2 192.8
2004	522 305	63.2	2.4	0.5	7.2	2 306.3
2005	555 109	59.1	2.6	0.4	8.9	2 442.2
2006	512 788	54.9	2.4	1.0	8.9	2 246.8
2007	491 815	49.0	1.9	1.1	10.7	2 146.0
2008	453 439	46.2	1.8	1.2	11.6	1 971.7

and cleared cases

Number of offenders (Persons)	Offenders rate (Persons/100 000 pop.)					Cleared cases (Cases)	Clearance rate (%)
	Total	Child	Juvenile	Adolescent	Adult		
43 585	251.8	-	-	-	-	44 409	84.6
44 669	253.2	16.3	447.1	405.9	285.0	43 837	83.7
43 612	242.7	19.9	472.5	392.3	257.7	43 240	84.3
38 285	209.2	15.8	417.7	345.9	218.5	37 189	83.3
43 601	234.5	14.0	448.4	390.5	251.4	42 783	83.2
49 168	260.5	19.3	492.2	404.0	286.6	46 544	89.2
57 408	300.0	20.6	512.3	434.4	350.2	48 049	79.2
80 814	417.5	33.7	711.9	555.0	494.6	94 139	52.3
87 086	445.1	27.8	787.6	544.0	532.1	105 246	57.1
81 503	411.9	25.3	796.5	537.6	466.4	113 374	51.6
86 907	434.4	26.4	881.6	582.6	475.8	135 556	52.0
86 723	428.7	20.8	769.0	636.1	475.8	142 856	51.0
145 442	711.0	31.7	1 110.3	1 240.3	780.0	191 492	63.0
172 551	835.4	38.8	1 310.8	1 429.6	911.3	208 298	72.1
176 748	847.8	30.8	1 289.7	1 369.7	942.3	214 409	67.2
153 097	727.8	26.2	1 181.1	1 086.2	803.0	209 177	64.7
155 613	733.5	28.8	1 224.0	1 094.9	795.9	230 513	53.7
173 047	809.1	30.0	1 253.1	1 261.2	882.6	265 471	58.2
172 540	797.5	23.5	1 068.0	1 242.1	898.5	242 392	56.8
158 923	727.8	17.8	1 034.9	1 138.5	807.5	251 638	57.9
179 597	816.0	17.1	995.2	1 361.9	914.6	253 299	65.6
181 614	818.7	13.9	882.7	1 347.7	935.6	259 645	59.2
180 527	808.1	14.3	849.0	1 165.0	950.3	271 128	55.3
185 751	826.9	12.5	804.1	1 191.0	976.1	297 816	59.2
158 687	703.3	11.6	641.5	1 016.6	829.4	290 962	58.8
176 975	781.5	10.9	548.5	1 010.6	955.0	313 848	60.1
207 425	912.6	11.5	495.9	1 100.9	1 136.6	346 677	62.5
229 193	1 004.2	14.3	535.4	1 200.1	1 242.1	342 329	66.8
265 860	1 160.1	15.9	561.7	1 384.1	1 429.7	367 001	74.6
271 186	1 179.2	15.8	582.2	1 363.0	1 445.1	350 497	77.3

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
1979	24 023	19 505	4 518	-	13 268	12 699	569	-
1980	26 650	21 549	5 101	-	16 425	15 728	697	-
1981	28 918	24 271	4 647	-	17 774	17 038	736	-
1982	25 238	20 448	4 790	-	16 067	15 367	700	-
1983	28 870	21 372	7 498	-	17 312	16 375	937	-
1984	27 969	21 254	6 715	-	18 885	17 952	933	-
1985	29 671	21 196	8 475	-	19 937	19 021	916	-
1986	135 319	38 872	9 638	86 809	28 046	26 983	1 063	-
1987	132 387	27 709	9 818	94 860	25 920	25 023	897	-
1988	171 897	23 316	17 083	131 498	25 929	24 687	1 242	-
1989	212 912	17 990	24 335	170 587	28 665	26 911	1 754	-
1990	231 050	12 840	29 587	188 623	24 129	22 522	1 607	-
1991	225 976	15 607	28 975	181 394	31 631	29 364	2 267	-
1992	190 305	17 430	23 129	149 746	34 360	32 515	1 845	-
1993	214 383	14 616	21 236	178 531	32 656	30 953	1 703	-
1994	236 251	13 404	20 911	201 936	30 786	29 375	1 411	-
1995	332 154	46 580	26 605	258 969	34 551	15 021	1 491	18 039
1996	348 879	60 325	32 078	256 476	40 995	19 560	2 403	19 032
1997	319 902	60 118	35 824	223 960	34 162	17 854	2 434	13 874
1998	334 495	56 130	46 694	231 671	36 524	17 840	3 055	15 629
1999	272 355	46 099	40 323	185 933	40 677	21 199	4 077	15 401
2000	305 793	62 686	47 750	195 357	38 068	19 674	4 978	13 416
2001	338 063	94 947	51 377	191 739	40 178	23 920	4 990	11 268
2002	340 536	100 361	48 925	191 250	40 721	27 015	3 349	10 357
2003	330 655	100 049	48 373	182 233	34 786	23 939	2 721	8 126
2004	330 320	113 144	50 719	166 457	35 031	23 740	3 322	7 969
2005	328 154	148 501	48 992	130 661	39 374	27 783	3 654	7 937
2006	281 561	144 903	33 739	102 919	39 927	30 769	2 489	6 669
2007	241 091	118 714	31 966	90 411	42 053	34 165	2 258	5 630
2008	209 351	101 630	28 508	79 213	42 364	34 441	2 597	5 326

Table 81. Violent crimes

Year	Cases known to the police (Cases)							Number of offenders (Persons)						
	Murder & nonnegli- gent mans- laughter	Series Injury	Robbery and forceful taking	Kidnap- ping	Intimi- dation	Forcible rape		Murder & nonnegli- gent mans- laughter	Series Injury	Robbery and forceful taking	Kidnap- ping	Intimi- dation	Forcible rape	
1979	3 632	1 299	-	763	21	1 038	511	4 441	1 857	-	732	52	1 268	532
1980	3 848	1 411	-	1 229	51	654	503	4 277	1 785	-	935	90	897	570
1981	3 557	1 201	-	1 274	32	573	477	4 103	1 671	-	1 067	79	795	491
1982	3 878	1 236	-	1 541	47	615	439	4 269	1 633	-	1 212	107	824	493
1983	4 385	1 441	-	1 745	91	653	455	4 881	1 923	-	1 417	214	841	486
1984	4 417	1 507	-	1 644	110	559	597	5 148	2 048	-	1 344	284	854	618
1985	5 542	1 362	-	2 501	69	843	767	5 630	1 792	-	1 692	128	1 196	822
1986	6 303	1 617	-	2 884	78	870	854	6 065	2 028	-	1 958	186	1 072	821
1987	6 095	1 572	-	2 569	77	992	885	6 443	2 081	-	2 093	152	1 226	891
1988	6 797	1 591	-	3 351	98	1 017	740	7 106	1 947	-	2 962	222	1 256	719
1989	7 835	1 699	-	4 429	160	942	605	8 921	2 051	-	4 826	331	1 103	610
1990	9 985	1 736	-	4 397	187	2 926	739	10 091	2 047	-	3 692	372	3 294	686
1991	8 683	1 784	-	3 385	128	2 620	766	9 435	2 126	-	2 955	276	3 400	678
1992	6 480	1 540	-	2 509	96	1 673	662	7 216	1 875	-	2 316	208	2 182	635
1993	7 110	1 622	-	3 092	106	1 418	872	8 206	2 295	-	2 993	238	1 853	827
1994	7 688	1 508	-	3 973	98	1 247	862	8 837	2 348	-	3 673	226	1 741	849
1995	16 489	1 765	-	11 670	98	1 817	1 139	10 993	2 738	-	4 914	247	2 026	1 068
1996	16 827	1 798	-	11 376	149	2 143	1 361	11 426	2 647	-	5 044	398	2 082	1 255
1997	13 648	1 712	-	8 169	92	2 197	1 478	11 084	2 638	-	4 844	247	1 975	1 380
1998	12 877	1 341	-	7 356	64	2 191	1 925	10 627	1 956	-	4 530	215	1 907	2 019
1999	11 362	1 269	-	6 328	63	2 019	1 683	9 681	1 937	-	4 241	159	1 716	1 628
2000	10 306	1 132	91	7 250	77	27	1 729	8 217	1 843	153	4 372	202	27	1 620
2001	14 327	1 072	60	10 959	76	35	2 125	9 595	1 561	90	5 678	236	30	2 000
2002	14 895	1 156	82	11 250	83	35	2 289	9 488	1 812	121	5 183	210	35	2 127
2003	12 966	1 057	110	9 236	73	45	2 445	8 580	1 766	170	4 088	217	28	2 311
2004	12 706	910	67	9 525	80	23	2 101	7 441	1 519	143	3 555	238	30	1 956
2005	14 301	903	45	11 022	65	31	2 235	7 508	1 433	92	3 767	226	45	1 945
2006	12 226	921	46	8 911	64	24	2 260	7 978	1 715	87	3 731	240	22	2 183
2007	9 534	881	45	6 059	38	24	2 487	7 529	1 530	75	3 305	176	38	2 405
2008	8 117	803	31	4 925	29	10	2 319	6 843	1 337	84	2 995	97	8	2 322

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

Table 82. Juvenile offenders

Year	Juvenile delinquents (Persons)										Juvenile offenders as % of total offenders
	Total	Burglary and larceny	Subtotal	Violent crime						Drug Offenses	
				Murder & nonnegligent manslaughter	Serious Injury	Robbery and forceful taking	Kidnap-ping	Intimi-dation	Forcible rape		
1984	11 125	6 862	1 263	425	-	366	41	327	104	92	22.6
1985	11 450	7 237	1 437	303	-	481	15	501	137	90	19.9
1986	15 762	10 864	1 406	332	-	516	16	415	127	73	19.5
1987	17 244	11 410	1 838	403	-	653	15	551	216	62	19.8
1988	17 510	11 664	2 138	355	-	988	29	616	150	50	21.5
1989	19 593	13 132	2 694	438	-	1 648	40	420	148	47	22.6
1990	17 286	10 124	2 613	381	-	1 121	40	963	108	1 389	19.9
1991	25 472	11 794	2 111	263	-	627	35	1 085	101	6 856	17.5
1992	30 719	13 549	1 498	276	-	492	26	616	88	10 736	17.8
1993	30 780	15 216	1 941	469	-	805	6	504	157	8 847	17.4
1994	28 378	16 086	2 735	663	-	1 295	12	544	221	4 613	18.5
1995	29 287	16 818	3 650	750	-	1 812	17	794	277	3 693	18.8
1996	29 680	16 757	3 077	591	-	1 454	25	640	367	4 577	17.2
1997	24 766	13 079	3 049	638	-	1 380	18	598	415	3 982	14.4
1998	23 094	14 116	2 623	328	-	1 296	25	610	364	2 805	14.5
1999	21 224	13 090	2 190	324	-	1 022	23	489	332	2 726	11.8
2000	18 144	10 656	1 589	294	16	975	10	-	294	1 899	10.0
2001	16 939	8 799	1 611	202	23	1 000	19	1	366	922	9.4
2002	15 659	7 769	1 394	269	28	756	6	1	334	1 073	8.4
2003	12 331	6 498	1 129	210	29	480	16	-	394	783	7.8
2004	10 540	4 859	1 092	248	37	432	15	3	357	712	6.0
2005	9 620	4 566	895	211	23	373	2	4	282	645	4.6
2006	10 384	4 689	1 155	299	13	449	15	1	378	518	4.5
2007	10 881	4 285	872	213	13	286	16	2	342	602	4.1
2008	11 283	3 940	845	165	6	274	1	1	398	607	4.2

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
1979	214 317	141 640	66.1	100 573	581.1
1980	242 087	162 652	67.2	137 459	776.4
1981	242 560	162 678	67.1	134 294	744.8
1982	293 742	207 973	70.8	166 405	906.6
1983	329 581	242 604	73.6	200 387	1 074.3
1984	330 302	242 145	73.3	215 444	1 138.1
1985	369 895	268 843	72.7	220 109	1 146.9
1986	296 895	191 381	64.5	204 553	1 053.8
1987	206 641	115 068	55.7	111 709	569.4
1988	166 386	88 791	53.4	73 550	370.7
1989	172 334	93 584	54.3	75 904	378.5
1990	182 350	100 786	55.3	74 456	367.2
1991	252 473	150 411	59.6	109 320	533.2
1992	302 914	186 568	61.6	147 857	714.1
1993	318 327	180 838	56.8	151 466	724.8
1994	304 243	166 186	54.6	144 829	686.8
1995	303 051	162 359	53.6	131 669	619.1
1996	344 714	186 637	54.1	130 759	609.8
1997	362 487	187 238	51.7	147 002	679.5
1998	336 978	142 499	42.3	118 435	542.4
1999	365 543	142 172	38.9	105 900	481.1
2000	375 188	150 795	40.2	122 076	550.3
2001	362 975	157 437	43.4	128 453	575.0
2002	382 363	153 003	40.0	127 127	565.9
2003	367 158	136 258	37.1	131 680	583.6
2004	377 734	139 454	36.9	115 181	508.6
2005	426 546	158 817	37.2	126 978	558.6
2006	474 688	189 943	40.0	145 741	638.6
2007	506 648	221 486	43.7	173 711	758.0
2008	526 143	231 813	44.1	198 685	863.9

Table 83. Treatment of criminals

Year	Offenders convicted by length of sentence					Penal labor
	Death sentence	Life imprisonment	A definite period in prison	Under 6 months	3 years and over	
1979	2	44	26 517	12 994	1 744	11 176
1980	6	76	30 635	15 095	1 990	19 281
1981	9	87	35 168	20 465	2 794	25 083
1982	7	104	38 837	23 432	3 716	33 046
1983	8	155	39 359	24 566	3 950	40 150
1984	17	156	45 962	28 059	4 281	39 365
1985	1	105	47 351	28 782	3 992	39 830
1986	8	144	51 615	31 324	4 201	30 600
1987	7	137	54 999	33 013	4 268	10 444
1988	20	110	52 627	31 350	3 796	4 388
1989	66	150	54 014	28 946	4 948	5 228
1990	72	209	50 003	25 135	6 732	5 848
1991	58	173	67 501	42 416	6 319	7 224
1992	37	179	89 979	59 242	8 899	8 857
1993	20	247	109 792	66 091	16 208	10 151
1994	16	302	101 040	56 579	17 719	11 478
1995	15	235	86 939	49 673	15 070	12 414
1996	20	202	82 506	49 403	10 979	14 391
1997	35	208	95 426	58 993	11 661	17 268
1998	31	189	72 402	44 869	7 501	14 899
1999	23	167	61 219	36 305	4 880	15 205
2000	18	127	66 907	39 310	4 236	21 139
2001	10	151	71 777	42 189	4 265	26 158
2002	9	110	69 656	41 354	4 227	31 105
2003	7	129	77 353	46 506	4 736	32 294
2004	4	98	72 752	43 385	4 603	27 349
2005	1	90	83 380	47 989	4 775	28 445
2006	3	131	96 434	56 639	6 184	32 266
2007	-	89	113 164	74 052	6 198	41 287
2008	-	111	134 556	86 588	6 390	42 133

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	
62 625	15 643	13 487	15 147	1 848	
87 365	17 034	14 279	16 092	2 284	
73 866	19 888	16 434	17 511	2 290	
94 337	22 295	18 513	19 984	3 398	
120 657	21 893	19 749	20 434	3 494	
129 886	24 211	23 224	20 499	3 499	
132 786	25 499	25 641	22 812	4 209	
119 633	23 453	25 246	23 610	4 939	
41 377	19 240	22 047	20 508	5 254	
16 334	13 886	13 790	21 935	5 210	
16 417	19 398	18 144	14 788	4 471	
18 262	21 154	22 963	16 104	3 645	
34 295	20 871	23 073	20 467	4 125	
48 727	24 865	29 606	17 991	4 898	
31 154	34 229	39 946	23 358	7 771	
31 939	36 141	42 816	32 479	14 872	
32 023	31 842	39 917	34 007	19 631	
33 587	32 654	41 613	30 601	16 639	
33 995	35 405	45 537	31 424	14 069	
26 884	28 076	40 815	31 826	14 596	
26 074	22 790	38 278	27 464	13 310	
31 695	23 147	37 611	26 243	11 691	
29 634	24 760	39 253	25 528	9 342	
25 939	27 003	39 825	28 225	9 084	
21 681	28 966	41 245	29 190	8 259	
14 868	33 346	45 955	30 713	7 820	
14 968	33 193	48 779	31 244	7 371	
16 837	37 607	51 381	35 709	10 726	
19 099	34 991	40 461	46 322	7 857	
21 821	48 234	52 708	36 365	6 347	

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	
1979	4 729	2 289	134	346	1 157
1980	8 373	2 032	142	282	1 400
1981	9 260	1 777	157	270	1 773
1982	9 225	1 959	135	224	2 638
1983	10 025	2 056	130	342	2 236
1984	8 411	1 930	206	369	2 535
1985	7 599	1 492	160	381	2 938
1986	10 306	1 719	221	396	1 930
1987	8 341	1 264	183	337	2 744
1989	7 464	1 509	316	450	3 615
1988	7 298	1 373	222	384	2 445
1990	7 665	1 370	290	396	3 149
1991	7 742	1 680	250	624	3 002
1992	7 389	1 493	323	521	2 194
1993	9 870	1 844	377	706	2 422
1994	10 763	2 222	330	696	2 490
1995	10 916	2 169	294	614	3 778
1996	13 309	2 020	275	782	2 815
1997	15 115	2 278	226	637	2 637
1998	14 555	2 431	306	763	2 883
1999	18 254	3 384	230	643	2 611
2000	15 560	3 026	262	732	2 344
2001	13 750	2 844	234	806	15 563
2002	13 244	2 585	193	664	2 197
2003	8 642	2 197	228	768	2 144
2004	6 611	2 065	160	551	2 089
2005	5 139	1 462	139	532	2 823
2006	4 332	1 489	125	471	1 559
2007	3 392	1 483	120	398	1 292
2008	2 886	1 252	101	304	1 475

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

Table 85. Traffic accidents

Year	Number of vehicle accidents	Number of accidents per 10 000 vehicles	Number of casualties		Number of casualties per 100 000 population
			Deaths	Injuries	
1979	13 764	38.9	4 048	19 365	135.3
1980	11 762	27.4	4 039	16 416	115.5
1981	10 072	20.0	3 840	13 377	95.5
1982	8 844	15.4	3 596	11 202	80.6
1983	7 807	12.3	3 392	9 374	68.4
1984	7 221	10.3	3 540	8 265	62.4
1985	6 461	8.4	3 564	6 955	54.8
1986	8 630	10.4	4 139	9 983	72.8
1987	8 359	10.3	4 373	9 410	70.3
1988	7 044	8.8	4 190	7 461	58.7
1989	6 405	7.2	3 930	6 571	52.4
1990	6 206	6.4	3 910	6 155	49.6
1991	4 729	4.6	3 305	4 308	37.1
1992	3 489	3.2	2 717	2 929	27.3
1993	2 696	2.3	2 349	2 115	21.4
1994	3 603	3.0	3 094	2 937	28.6
1995	3 528	2.8	3 065	2 933	28.2
1996	3 619	2.6	2 990	2 939	27.7
1997	3 162	2.1	2 735	2 428	23.9
1998	2 720	1.7	2 507	2 007	20.7
1999	2 487	1.5	2 392	1 636	18.3
2000	52 952	31.8	3 388	66 895	316.8
2001	64 264	37.3	3 344	80 612	375.8
2002	86 259	48.8	2 861	109 594	500.6
2003	120 223	66.0	2 718	156 303	704.8
2004	137 221	72.8	2 634	179 108	802.5
2005	155 814	79.8	2 894	203 087	906.2
2006	160 897	80.1	3 140	211 176	939.0
2007	163 971	80.0	2 573	216 927	957.8
2008	170 127	81.4	2 224	227 423	998.6

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, caused number of deaths and injuries of traffic accidents increased sharply.

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SOCIAL WELFARE

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

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

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

Low Income Household -- Before FY1998, the criteria for a low income household were set by the provincial (or) municipal government every year on the basis of minimal living expenses required for each locality. In Taiwan Province and Kaohsiung Municipality, the minimal living expenses were fixed at the level no more than one-third of monthly average income per capita for the previous year. In Taipei Municipality, the cut point was set at a level no more than 40 percent of the current expenditure derived from the survey on household income and expenditure for the previous year. After FY1999, the minimal living expense has been defined by 60 percent of the average consumption expenditure each locality.

Net Expenditure for Social Welfare -- The expenditure is compiled on a basis of fiscal year and it is net of the double counting arising from inter-governmental transfers. Beginning FY1971, the expenditure for social welfare paid from the special budget was added to that from the general budget. The social welfare expenditure covered social insurance (including pension), social assistance and social relief, social welfare services, employment service, medical care and public health, public housing and community development, and environment protection before FY1989. Since FY1990, it excluded expenditure on public housing and community development, environmental protection and the retired pension. Data from FY1981 to 1989 recalculate by the definition of the social welfare expenditure made in 1990.

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

Table 86. Insured persons

End of Year	National health insurance	Government employees' and school staffs' insurance	Retired government employees' insurance
1979	-	399 339	9 076
1980	-	415 191	9 212
1981	-	431 647	9 224
1982	-	443 783	9 327
1983	-	452 881	9 637
1984	-	468 577	9 922
1985	-	475 663	4 952
1986	-	483 473	4 222
1987	-	489 772	3 632
1988	-	496 175	3 352
1989	-	515 387	3 155
1990	-	536 775	2 921
1991	-	549 615	2 747
1992	-	560 127	2 579
1993	-	572 122	2 409
1994	-	581 047	2 193
1995	19 123 278	588 354	1 710
1996	20 041 488	597 895	1 510
1997	20 492 317	600 026	1 363
1998	20 757 185	574 364	1 208
1999	21 089 859	623 016	1 100
2000	21 400 826	629 395	985
2001	21 653 555	629 358	906
2002	21 869 478	626 652	836
2003	21 984 415	622 851	762
2004	22 134 270	617 260	692
2005	22 314 647	591 158	634
2006	22 484 427	589 237	563
2007	22 629 635	590 808	502
2008	22 918 144	594 798	458

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

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

of social insurance

Persons

Labor insurance	Employment Insurance	Farmers' health insurance	Aged 65 and above
2 283 516	-	-	-
2 538 125	-	-	-
2 781 512	-	-	-
2 950 119	-	-	-
3 322 977	-	-	-
3 693 276	-	-	-
4 049 472	-	100 739	23 131
4 711 969	-	113 365	27 174
5 321 733	-	218 021	43 945
5 980 157	-	676 461	180 954
6 549 661	-	1 344 155	373 441
6 852 978	-	1 571 296	442 269
7 281 445	-	1 653 676	475 510
7 708 868	-	1 695 167	498 703
8 144 183	-	1 708 488	517 818
8 496 883	-	1 737 740	541 497
7 635 063	-	1 800 187	570 598
7 434 299	-	1 812 293	592 833
7 500 917	-	1 812 260	613 621
7 597 386	-	1 806 392	632 992
7 738 971	4 804 183	1 800 059	654 669
7 915 789	4 962 417	1 779 500	670 233
7 779 127	4 819 919	1 766 854	684 462
7 857 842	4 869 728	1 748 558	701 480
8 102 570	5 024 816	1 710 122	714 640
8 341 927	5 242 310	1 676 550	727 814
8 540 755	5 369 278	1 646 035	741 426
8 681 145	5 447 373	1 622 923	754 241
8 799 405	5 507 865	1 601 410	762 557
8 795 248	5 420 549	1 573 364	765 983

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

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

Table 87. Life insurance

Year	Number of insurance cases (Cases)	Number of insurance cases per 100 population (Cases)	Average premium per case (N.T. Dollars)	Average benefit payments per case (N.T. Dollars)
1979	1 073 721	6.1	9 850	31 006
1980	1 149 505	6.5	11 450	31 013
1981	1 354 577	7.5	13 650	32 249
1982	1 625 592	8.8	15 490	20 530
1983	1 940 488	10.4	17 480	33 469
1984	2 304 037	12.1	19 630	38 210
1985	2 564 908	13.3	20 160	45 543
1986	3 073 142	15.8	21 420	48 608
1987	3 739 245	19.0	23 040	47 025
1988	4 530 080	22.7	23 620	46 176
1989	5 472 309	27.1	23 850	50 618
1990	6 504 209	31.9	23 200	47 932
1991	7 442 126	36.1	22 840	44 240
1992	8 693 137	41.8	23 120	46 152
1993	9 936 920	47.3	23 265	50 370
1994	11 635 683	54.9	23 481	56 410
1995	13 200 573	61.8	23 053	58 458
1996	15 023 641	69.8	23 171	61 619
1997	17 799 915	81.9	23 296	69 304
1998	21 713 498	99.0	22 296	69 788
1999	24 008 866	108.7	21 705	68 720
2000	27 046 881	121.4	21 201	64 558
2001	30 337 536	135.4	22 295	70 528
2002	32 361 322	143.7	25 923	71 749
2003	35 910 743	158.9	31 100	89 388
2004	37 712 269	166.2	33 403	108 603
2005	40 104 372	176.1	35 521	108 733
2006	42 095 394	184.0	36 248	115 296
2007	45 005 200	196.0	42 011	133 025
2008	46 827 400	203.3	40 939	152 431

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

Table 88. Expenditure for social assistance

Thousands of N.T. Dollars

Year	Living support	Aid for disaster	Medical Assistance	Aid for Emergency
1994	1 840 780	829 938	646 241	231 723
1995	2 118 948	93 638	608 224	271 702
1996	2 285 657	374 208	145 223	311 433
1997	2 417 268	295 539	157 616	210 483
1998	2 583 390	212 541	167 584	235 284
1999	2 839 550	29 963 122	102 525	235 417
2000	3 157 904	629 456	96 947	239 487
2001	3 362 186	968 864	101 728	214 057
2002	3 363 857	178 999	104 851	205 360
2003	3 543 917	81 288	89 631	199 140
2004	3 807 748	662 712	105 217	245 921
2005	4 020 380	547 739	93 764	217 939
2006	4 150 026	84 219	87 396	215 961
2007	4 249 578	① 132 553	93 118	268 451
2008	4 713 251	188 700	84 023	273 655

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

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

Table 89. Low-income households and population

End of Year	Low-income households		Low-income population	
	Total (Households)	As % of total households	Total (Persons)	As % of total population
1994	48 182	0.85	115 748	0.55
1995	48 580	0.83	114 707	0.54
1996	49 307	0.82	115 542	0.54
1997	49 780	0.80	116 056	0.53
1998	54 951	0.86	125 426	0.57
1999	58 310	0.89	136 691	0.62
2000	66 467	0.99	156 134	0.70
2001	67 191	0.99	162 699	0.73
2002	70 417	1.02	171 200	0.76
2003	76 406	1.08	187 875	0.83
2004	82 783	1.15	204 216	0.90
2005	84 823	1.16	211 292	0.93
2006	89 900	1.22	218 166	0.95
2007	90 682	1.21	220 990	0.96
2008	93 032	1.22	223 697	0.97

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)
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	17 950	54	8 185	41	2 547	95	7 218
1995	196	18 120	61	7 813	39	2 441	96	7 866
1996	218	21 053	64	9 283	41	2 462	113	9 308
1997	243	22 026	70	7 846	43	2 481	130	11 699
1998	262	23 647	83	9 779	41	2 454	138	11 414
1999	420	24 984	237	12 100	39	2 281	144	10 603
2000	748	26 946	528	17 737	42	2 433	178	6 776
2001	893	34 584	658	20 599	42	2 362	193	11 623
2002	1 044	39 507	779	24 730	42	2 166	223	12 611
2003	1 111	44 082	827	27 416	43	2 126	241	14 540
2004	1 172	47 746	886	30 251	42	1 913	244	15 582
2005	1 201	50 208	912	32 359	45	1 944	244	15 905
2006	1 239	52 863	944	34 496	47	1 997	248	16 370
2007	1 305	55 769	1 002	36 651	49	2 116	254	17 002
2008	1 356	57 830	1 042	38 106	50	2 267	264	17 457

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

Table 91. General conditions of nursery

End of Year	Nurseries		Community nurseries	
	Nurseries (Number)	Number of children (Persons)	Nurseries (Number)	Number of children (Persons)
1979	656	63 830	1 975	99 850
1980	742	76 488	2 186	108 921
1981	821	80 677	2 398	111 693
1982	881	83 707	2 525	111 319
1983	1 005	92 547	2 700	126 233
1984	1 134	97 583	2 811	128 156
1985	1 210	97 646	2 834	132 873
1986	1 287	105 061	2 872	128 749
1987	1 433	118 260	2 843	133 242
1988	1 423	120 702	2 824	127 242
1989	1 413	126 595	2 451	106 967
1990	1 360	124 366	2 385	114 294
1991	1 363	121 638	2 550	124 719
1992	1 328	115 920	2 433	117 778
1993	1 270	112 509	2 394	117 272
1994	1 287	117 226	2 363	116 554
1995	1 357	116 377	1 931	106 976
1996	1 775	204 560	447	30 407
1997	2 047	232 898	257	13 520
1998	2 281	239 105	168	9 417
1999	2 576	250 951	139	8 210
2000	3 250	302 169	95	7 547
2001	3 513	311 688	87	7 230
2002	3 801	319 517	96	7 608
2003	3 996	298 095	86	4 476
2004	4 184	295 385	73	4 872
2005	4 240	285 768	67	4 450
2006	4 150	264 133	63	3 722
2007	① 4 066	① 250 723	46	3 483
2008	3 972	235 899	36	2 321

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.dollars)
	Total (1000 N.T.dollars)	As % of total net expenditure	As % of GNP	
1979	29 117 728	11.8	2.4	1 693
1980	38 223 855	11.2	2.5	2 179
1981	16 549 485	3.9	0.9	926
1982	26 883 793	5.5	1.4	1 478
1983	32 518 200	6.6	1.5	1 756
1984	33 911 201	6.7	1.4	1 805
1985	34 279 484	6.3	1.3	1 798
1986	40 591 479	6.6	1.4	2 102
1987	37 085 134	5.8	1.1	1 901
1988	55 169 160	7.6	1.5	2 797
1989	65 488 382	5.4	1.6	3 282
1990	96 207 023	8.8	2.1	4 773
1991	117 771 908	9.2	2.5	5 744
1992	135 040 121	8.6	2.5	6 522
1993	145 758 829	8.3	2.5	6 974
1994	158 523 241	8.7	2.4	7 518
1995	231 765 959	12.1	3.3	10 898
1996	290 002 141	15.7	3.8	13 525
1997	294 982 386	15.7	3.5	13 635
1998	282 766 789	14.2	3.1	12 950
1999	280 452 253	13.7	2.9	12 742
2000	531 808 684	16.9	3.5	16 231
2001	396 980 708	17.5	3.9	17 769
2002	323 614 630	15.1	3.1	14 406
2003	345 148 037	15.6	3.2	15 297
2004	344 502 724	15.4	3.0	15 212
2005	Ⓘ353 275 852	Ⓘ15.5	3.0	Ⓘ15 542
2006	Ⓘ368 897 561	Ⓘ16.5	3.0	16 163
2007	373 128 995	16.3	2.9	16 281
2008	...	...	...	...

NATIONAL ECONOMICS

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

In 1953, our country began compiling annual national income statistics, based on the national economic account system set by the United Nations. Preliminary Compilation of quarterly national product and income statistics started in 1970. Beginning 1978, a macro-econometric model has been used to forecast economic conditions for the current quarter. The forecasts together with the preliminary statistics for the previous quarter are compiled into the *Quarterly National Economic Trends* published in every February, May, August, and November of a year. In 1986, the projection was extended to cover a quarter beyond the current one, an additional quarter in 1987, and four quarters to come in 1988. Our country starting to adopt the new UN national economic account system, as revised by the United Nations in 1993, to compile its national income statistics in August 2005.

The family income and expenditure sampling survey was launched in 1964. Its objects are ROC nationals dwelling in Taiwan Area and the families these ROC nationals have organized to live together economically. Interview and bookkeeping are both adopted in the survey. The survey uses the stratified two-stage sampling method to draw out families for interview, some of which are again drawn to do bookkeeping. Data for dynamic changes are based on cumulation for the entire year while static stocks, at the end of the survey year. It can be divided into thirteen stages:

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

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

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

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

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

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

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

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

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

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

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

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

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

In our country, 15 years of industrial inter-dependence tables have been compiled. The first table for 1954 was built by Professor Hsing Mu-huan. The second table for 1955 was compiled by the Joint Commission on Rural Reconstruction, which has been reorganized to the present Council of Agriculture. Subsequently, the Council for International Economic Cooperation and Development, which has been reorganized to the present Council for Economic Planning and Development, compiled the eight tables for 1961, 1964, 1966, 1969, 1971, 1974, 1976, and 1979. The Directorate-General of Budget, Accounting and Statistics took over the job in 1982, preparing the nine tables for 1981, 1984, 1986, 1989, 1991, 1994, 1996, 1999, 2001 and 2004. The industrial inter-dependence table for 2004 is composed of seven tables for purchasers' trading price, producers' trading prices, input coefficients, industrial inter-dependence, trading of domestic manufactured products, and trading of import products, respectively.

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

Table 93. Key indicators of national income

Year	GDP		National income		Per capita					
	Amount (Millions of U.S. dollars)	Economic growth rate (%)	Amount (Millions of U.S. dollars)	Ann. Rate of change (%)	GDP		GNP		National income (U.S. dollars)	Private consumption (U.S.dollars)
					(N.T. dollars)	(U.S. dollars)	(N.T. dollars)	(U.S. dollars)		
1979	33 870	8.44	30 877	24.53	70 449	1 957	70 472	1 958	1 784	992
1980	42 285	7.36	38 627	25.10	86 287	2 397	86 167	2 394	2 189	1 237
1981	49 288	6.24	44 678	15.67	100 907	2 743	100 369	2 728	2 486	1 431
1982	49 606	3.47	45 008	0.74	106 060	2 711	106 022	2 710	2 460	1 433
1983	53 479	8.32	48 589	7.96	115 207	2 876	115 382	2 880	2 613	1 488
1984	60 384	10.71	55 426	14.07	126 763	3 199	128 109	3 233	2 937	1 628
1985	63 409	5.02	58 198	5.00	132 080	3 314	134 236	3 368	3 041	1 693
1986	76 929	11.49	71 578	22.99	150 425	3 974	154 072	4 071	3 698	1 906
1987	103 520	12.66	95 954	34.06	168 635	5 291	172 008	5 397	4 905	2 525
1988	125 789	8.04	117 084	22.02	181 870	6 357	186 334	6 513	5 917	3 213
1989	152 724	8.45	141 974	21.26	201 611	7 634	206 131	7 805	7 097	4 070
1990	164 513	5.70	152 858	7.67	218 672	8 132	223 860	8 325	7 556	4 443
1991	184 267	7.58	170 608	11.61	241 606	9 008	247 330	9 222	8 341	4 921
1992	218 712	7.85	202 241	18.54	266 419	10 589	272 271	10 822	9 792	5 904
1993	230 926	6.90	212 596	5.12	292 310	11 077	297 768	11 283	10 197	6 223
1994	252 227	7.39	232 220	9.23	317 279	11 991	322 386	12 184	11 040	6 942
1995	273 792	6.49	251 782	8.42	341 870	12 906	347 111	13 103	11 868	7 509
1996	289 315	6.30	265 587	5.48	371 454	13 527	376 574	13 714	12 418	7 917
1997	300 005	6.59	274 183	3.24	399 035	13 904	403 188	14 048	12 707	8 148
1998	276 105	4.55	250 908	- 8.49	424 229	12 679	427 377	12 773	11 522	7 461
1999	298 757	5.75	270 551	7.83	439 171	13 609	443 294	13 737	12 324	8 126
2000	321 230	5.77	289 607	7.04	453 422	14 519	459 729	14 721	13 090	8 810
2001	291 694	- 2.17	260 482	- 10.06	442 688	13 093	451 308	13 348	11 692	8 137
2002	297 668	4.64	266 832	2.44	459 598	13 291	470 426	13 604	11 914	8 115
2003	305 624	3.50	275 376	3.20	467 663	13 587	482 284	14 012	12 242	8 206
2004	331 007	6.15	299 167	8.64	490 168	14 663	506 650	15 156	13 252	8 903
2005	355 958	4.16	318 844	6.58	505 671	15 714	518 511	16 113	14 075	9 634
2006 ^(T)	366 357	4.80	328 709	3.09	524 081	16 111	537 788	16 532	14 455	9 704
2007 ^(T)	384 768	5.70	345 205	5.02	553 507	16 855	568 084	17 299	15 122	9 928
2008	391 278	0.06	347 079	0.54	538 792	17 083	553 289	17 542	15 153	10 516

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

Table 94. Gross domestic

Items	1992	1993	1994	1995	1996	1997	1998
	At current						
Private final consumption	3 067 919	3 424 085	3 863 801	4 219 880	4 649 547	5 045 523	5 436 709
Government final consumption	947 968	991 920	1 019 848	1 088 505	1 201 409	1 315 530	1 400 527
Gross fixed capital formation	1 317 814	1 521 892	1 630 503	1 800 902	1 780 498	1 955 615	2 185 505
Increase in stocks	73 831	60 018	51 840	26 854	54 009	116 890	120 014
Exports of goods and services	2 349 971	2 640 448	2 863 439	3 423 651	3 700 167	4 086 532	4 359 785
Less : imports of goods and services	2 254 701	2 544 217	2 755 492	3 307 035	3 441 035	3 909 951	4 264 068
Expenditure on the gross domestic product	5 502 802	6 094 146	6 673 939	7 252 757	7 944 595	8 610 139	9 238 472
	At 2001						
Private final consumption	3 682 634	3 968 128	4 307 534	4 549 014	4 852 013	5 195 524	5 517 204
Government final consumption	1 174 509	1 191 722	1 185 653	1 231 143	1 319 991	1 398 881	1 449 934
Gross fixed capital formation	1 329 871	1 488 306	1 605 421	1 728 678	1 759 792	1 950 802	2 125 181
Increase in stocks	72 145	59 914	50 455	23 863	51 347	115 254	118 911
Exports of goods and services	2 649 102	2 848 826	3 003 309	3 381 177	3 609 526	3 942 835	4 051 926
Less : imports of goods and services	2 683 909	2 903 220	3 006 948	3 304 846	3 504 601	3 982 071	4 249 802
Expenditure on the gross domestic product	6 224 352	6 653 676	7 145 424	7 609 029	8 088 068	8 621 225	9 013 354

Table 95. Cost component of

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

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

product

Millions of N.T. Dollars

1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007 ^①	2008
prices									
5 756 790	6 087 237	6 129 213	6 284 684	6 353 294	6 718 928	7 022 565	7 178 458	7 442 802	7 596 633
1 362 647	1 391 549	1 404 434	1 430 774	1 459 019	1 465 293	1 498 304	1 504 820	1 529 199	1 559 343
2 229 266	2 394 001	1 910 022	1 910 937	1 957 708	2 420 150	2 438 435	2 531 374	2 667 974	2 544 823
49 908	- 60 396	- 98 959	- 62 389	- 21 950	86 840	10 838	31 334	49 486	72 624
4 562 171	5 392 442	4 962 598	5 443 945	5 999 129	6 978 144	7 358 019	8 304 114	9 284 258	9 179 181
4 319 889	5 172 829	4 445 125	4 714 605	5 227 626	6 603 807	6 873 434	7 632 503	8 337 951	8 611 681
9 640 893	10 032 004	9 862 183	10 293 346	10 519 574	11 065 548	11 454 727	11 917 597	12 635 768	12 340 923
constant prices									
5 821 157	6 088 178	6 129 213	6 288 538	6 381 440	6 665 766	6 865 202	6 985 999	7 147 604	7 126 491
1 387 191	1 397 057	1 404 434	1 433 396	1 441 631	1 433 873	1 449 400	1 443 268	1 456 499	1 473 158
2 187 673	2 384 927	1 910 022	1 930 437	1 963 659	2 345 745	2 373 586	2 394 276	2 439 745	2 180 915
51 674	- 58 262	- 98 959	- 60 948	- 19 224	78 446	9 286	32 161	46 409	42 735
4 526 219	5 379 954	4 962 598	5 490 185	6 060 073	6 932 458	7 460 902	8 226 329	8 951 872	8 949 151
4 442 489	5 110 795	4 445 125	4 762 163	5 146 948	6 118 459	6 348 824	6 705 696	6 959 946	6 682 732
9 531 425	10 081 059	9 862 183	10 319 445	10 680 631	11 337 829	11 809 552	12 376 337	13 082 183	13 089 718

gross domestic product

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
prices									
4 472 114	4 637 590	4 877 556	4 797 778	4 756 134	4 871 146	5 061 446	5 246 179	5 436 020	5 619 357
3 138 485	3 316 026	3 351 519	3 195 110	3 566 420	3 625 545	3 860 880	3 994 800	4 217 241	4 666 030
911 637	1 000 744	1 127 141	1 247 324	1 308 806	1 370 020	1 436 485	1 485 187	1 536 387	1 631 987
763 598	726 094	721 550	680 937	715 860	708 866	761 457	787 173	784 843	791 894
47 362	39 561	45 762	58 966	53 874	56 003	54 720	58 612	56 894	73 500
9 238 472	9 640 893	10 032 004	9 862 183	10 293 346	10 519 574	11 065 548	11 454 727	11 917 597	12 635 768
constant prices									
7 427 240	7 866 269	8 287 405	7 992 888	8 333 402	8 653 507	9 198 628	9 592 784	10 158 287	10 839 821
889 153	980 256	1 117 041	1 247 324	1 320 870	1 361 059	1 397 469	1 463 561	1 465 185	1 505 451
696 961	684 900	676 613	621 971	665 173	666 065	741 732	753 207	752 865	736 911
9 013 354	9 531 425	10 081 059	9 862 183	10 319 445	10 680 631	11 337 829	11 809 552	12 376 337	13 082 183

Table 96. Gross domestic product

Items	1994	1995	1996	1997	1998	1999
Agriculture, forestry, fishing and animal husbandry	224 524	241 458	242 608	208 671	218 083	234 625
Mining and quarrying	34 268	34 221	32 529	39 777	47 391	45 735
Manufacturing	1 768 140	1 836 527	2 023 750	2 167 954	2 292 508	2 315 723
Electricity, gas and water	161 042	167 355	176 996	182 230	192 677	196 935
Construction	319 320	339 477	342 125	354 836	351 976	324 707
Trade	875 552	999 640	1 131 919	1 245 986	1 378 011	1 504 606
Accommodation and eating-drinking places	114 122	126 804	143 969	162 274	178 902	191 572
Transport, storage and communication	402 745	437 752	480 207	519 774	579 815	618 922
Finance, insurance	605 535	643 638	707 209	868 202	915 388	975 017
Real estate, rental and leasing	548 895	638 029	712 831	745 985	797 031	818 465
Professional, scientific and technical services	101 671	117 535	135 052	154 836	175 008	197 973
Education services	69 368	82 617	100 374	116 005	130 259	147 207
Health care and social welfare services	134 353	159 139	181 084	202 404	228 315	249 471
Cultural, sporting and recreational services	79 159	91 048	102 863	113 164	127 233	136 919
Other services	141 155	156 868	173 466	191 292	213 633	234 247
Industries, total	5 579 849	6 072 108	6 686 982	7 273 390	7 826 230	8 192 124
Producers of government services	720 736	792 653	869 778	930 743	986 189	1 039 025
Other producers	62 367	63 187	81 696	83 079	102 083	96 754
Subtotal	6 362 952	6 927 948	7 638 456	8 287 212	8 914 502	9 327 903
Plus : Import duties	160 638	172 007	150 456	158 030	153 416	139 348
Plus : Value-added tax	150 349	152 802	155 683	164 897	170 554	173 642
Gross domestic product	6 673 939	7 252 757	7 944 595	8 610 139	9 238 472	9 640 893

Table 97. National income and

Items	1993	1994	1995	1996	1997	1998
1. Compensation of employees	3 096 248	3 377 989	3 665 726	3 959 795	4 252 342	4 472 114
2. Operating surplus	1 677 596	1 862 528	2 047 922	2 537 180	2 806 738	3 138 485
Domestic factor income	4 773 844	5 240 517	5 713 648	6 496 975	7 059 080	7 610 599
3. Compensation of employees from the rest of the world, net	- 377	- 1 952	- 3 037	- 4 667	- 5 568	- 12 546
4. Property and entrepreneurial income from the rest of the world, net	114 181	109 361	114 235	114 167	95 179	81 097
5. Indirect taxes	631 177	684 050	724 289	707 519	746 018	763 598
6. Less : Subsidies	10 808	11 984	13 092	20 970	25 646	47 362
National income in market prices	5 508 017	6 019 992	6 536 043	7 293 024	7 869 063	8 395 386
7. Other current transfers from the rest of the world, net	- 22 040	- 40 957	- 77 498	- 68 282	- 63 404	- 51 088
National disposable income	5 485 977	5 979 035	6 458 545	7 224 742	7 805 659	8 344 298

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

by kind of industry

Millions of N.T. Dollars

2000	2001	2002	2003	2004	2005	2006 ^①	2007 ^①	2008
199 011	182 826	178 590	174 665	181 475	189 759	193 137	191 377	208 258
39 490	36 363	39 881	33 474	37 096	35 375	38 415	51 604	51 966
2 383 811	2 241 237	2 437 076	2 492 199	2 624 232	2 658 475	2 745 700	3 033 679	2 683 025
195 447	194 639	198 845	199 849	177 465	177 336	173 913	139 882	68 618
299 070	251 810	235 345	216 117	211 830	227 548	262 563	284 393	286 707
1 631 889	1 593 282	1 664 347	1 710 800	1 887 924	2 034 999	2 183 040	2 339 233	2 376 845
208 397	209 416	208 912	208 306	223 568	240 303	255 169	266 887	268 788
633 979	636 122	658 072	654 283	697 265	704 576	709 780	736 346	721 412
1 007 516	1 011 592	1 075 257	1 110 613	1 164 420	1 194 490	1 187 042	1 267 532	1 238 094
856 928	859 534	849 583	875 808	901 593	925 530	982 343	1 030 250	1 061 179
220 969	229 160	233 270	237 202	258 881	269 565	300 728	339 406	360 975
163 951	179 729	187 974	194 727	201 749	209 529	218 030	226 026	233 336
267 210	284 452	302 727	309 369	321 811	341 128	364 746	380 935	395 767
147 536	151 908	152 956	157 141	164 341	171 138	179 430	187 959	196 668
254 012	275 588	294 596	306 676	318 737	336 544	357 569	381 788	395 170
8 509 216	8 337 658	8 717 431	8 881 229	9 372 387	9 716 295	10 151 605	10 857 297	10 546 808
1 090 402	1 122 707	1 144 862	1 203 008	1 230 357	1 256 082	1 277 122	1 276 424	1 292 613
107 783	115 471	121 921	117 947	123 571	131 075	138 216	141 280	148 181
9 707 401	9 575 836	9 984 214	10 202 184	10 726 315	11 103 452	11 566 943	12 275 001	11 987 602
146 443	119 100	126 370	128 710	126 147	135 383	135 686	138 047	132 565
178 160	167 247	182 762	188 680	213 086	215 892	214 968	222 720	220 756
10 032 004	9 862 183	10 293 346	10 519 574	11 065 548	11 454 727	11 917 597	12 635 768	12 340 923

national disposable income

Millions of N.T. Dollars

1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
4 637 590	4 877 556	4 797 778	4 756 134	4 871 146	5 061 446	5 246 179	5 436 020	5 619 357
3 316 026	3 351 519	3 195 110	3 566 420	3 625 545	3 860 880	3 994 800	4 217 241	4 666 030
7 953 616	8 229 075	7 992 888	8 322 554	8 496 691	8 922 326	9 240 979	9 653 261	10 285 387
- 12 747	- 14 681	- 12 680	- 10 857	- 12 390	- 9 660	- 7 433	- 3 611	- 427
103 265	154 239	204 704	253 359	341 263	381 759	298 299	315 310	333 193
726 094	721 550	680 937	715 860	708 866	761 457	787 173	784 843	791 894
39 561	45 762	58 966	53 874	56 003	54 720	58 612	56 894	73 500
8 730 667	9 044 421	8 806 883	9 227 042	9 478 427	10 001 162	10 260 406	10 692 909	11 336 547
- 74 770	- 81 336	- 92 444	- 86 171	- 93 586	- 127 855	- 137 211	- 128 018	- 125 033
8 655 897	8 963 085	8 714 439	9 140 871	9 384 841	9 873 307	10 123 195	10 564 891	11 211 514

Table 98. Capital

Items	1991	1992	1993	1994	1995	1996	1997
Saving	1 013 696	1 106 887	1 213 440	1 264 001	1 334 724	1 373 786	1 444 606
Consumption of fixed capital	435 134	475 706	524 163	551 017	593 088	761 071	830 687
Capital transfers from the rest of the world, net	-	- 9 900	- 8 658	- 9 097	- 17 538	- 17 939	- 9 013
Finance of gross accumulation	1 448 830	1 572 693	1 728 945	1 805 921	1 910 274	2 116 918	2 266 280
Increase in stocks	53 815	73 831	60 018	51 840	26 854	54 009	116 890
Gross fixed capital formation	1 066 604	1 288 580	1 489 590	1 588 779	1 750 642	1 780 498	1 955 615
Purchases of intangible assests n.e.c. from the rest of the world, net	-	-	-	-	-	-	-
Net lending to the rest of the world	328 411	210 282	179 337	165 302	132 778	282 411	193 775
Gross accumulation	1 448 830	1 572 693	1 728 945	1 805 921	1 910 274	2 116 918	2 266 280

Table 99. External

Items	1991	1992	1993	1994	1995	1996	1997
Exports of goods and services	2 280 505	2 324 857	2 608 915	2 821 162	3 366 997	3 700 167	4 086 532
Compensation of employees from the rest of the world	3 460	3 524	3 376	3 123	3 763	4 697	7 549
Property and entrepreneurial income from the rest of the world	201 659	184 449	175 993	185 266	211 603	177 984	191 047
Other current transfers from the rest of the world	49 161	55 365	48 386	57 351	61 250	68 586	83 182
Current receipts	2 534 785	2 568 195	2 836 670	3 066 902	3 643 613	3 951 434	4 368 310
Imports of goods and services	2 062 458	2 229 587	2 512 684	2 713 215	3 250 381	3 441 035	3 909 951
Compensation of employees	2 467	2 997	3 753	5 075	6 800	9 364	13 117
Property and entrepreneurial income	85 556	64 114	61 812	75 905	97 368	63 817	95 868
Other current transfers to the rest of the world	55 893	51 315	70 426	98 308	138 748	136 868	146 586
Surplus of the nation on current transaction	328 411	220 182	187 995	174 399	150 316	300 350	202 788
Disposal of current receipts	2 534 785	2 568 195	2 836 670	3 066 902	3 643 613	3 951 434	4 368 310

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

finance

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
1 507 062	1 536 460	1 484 299	1 180 792	1 425 413	1 572 528	1 689 086	1 602 326	1 881 613	2 239 513
911 637	1 000 744	1 127 141	1 247 324	1 308 806	1 370 020	1 436 485	1 485 187	1 536 387	1 631 987
- 6 056	- 5 583	- 8 964	- 4 125	- 3 320	- 2 375	- 2 507	- 2 285	- 1 789	- 2 332
2 412 643	2 531 621	2 602 476	2 423 991	2 730 899	2 940 173	3 123 064	3 085 228	3 416 211	3 869 168
120 014	49 908	- 60 396	- 98 959	- 62 389	- 21 950	86 840	10 838	31 334	49 486
2 185 505	2 229 266	2 394 001	1 910 022	1 910 937	1 957 708	2 420 150	2 438 435	2 531 374	2 667 974
-	-	-	1 386	1 487	620	67	1 480	2 050	821
107 124	252 447	268 871	611 542	880 864	1 003 795	616 007	634 475	851 453	1 150 887
2 412 643	2 531 621	2 602 476	2 423 991	2 730 899	2 940 173	3 123 064	3 085 228	3 416 211	3 869 168

transactions

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
4 359 785	4 562 171	5 392 442	4 962 598	5 443 945	5 999 129	6 978 144	7 358 019	8 304 114	9 284 258
7 829	9 197	8 558	8 115	7 677	7 435	7 755	8 560	9 597	11 495
208 999	215 564	277 742	307 259	349 662	439 702	509 847	551 162	619 526	760 316
98 461	100 876	100 015	88 151	90 631	92 002	105 960	111 436	124 829	149 731
4 675 074	4 887 808	5 778 757	5 366 123	5 891 915	6 538 268	7 601 706	8 029 177	9 058 066	10 205 800
4 264 068	4 319 889	5 172 829	4 445 125	4 714 605	5 227 626	6 603 807	6 873 434	7 632 503	8 337 951
20 375	21 944	23 239	20 795	18 534	19 825	17 415	15 993	13 208	11 922
127 902	112 299	123 503	102 555	96 303	98 439	128 088	252 863	304 216	427 123
149 549	175 646	181 351	180 595	176 802	185 588	233 815	248 647	252 847	274 764
113 180	258 030	277 835	617 053	885 671	1 006 790	618 581	638 240	855 292	1 154 040
4 675 074	4 887 808	5 778 757	5 366 123	5 891 915	6 538 268	7 601 706	8 029 177	9 058 066	10 205 800

Table 100. Governmental final

Items	1998	1999	2000
	At current		
By cost-composition			
1. Gross output of government services producers	1 465 707	1 428 106	1 472 787
Compensation of employees	816 473	852 323	886 506
Consumption of fixed capital	169 716	186 702	203 896
Intermediate consumption	479 518	389 081	382 385
2. Less : Sales	70 642	72 272	88 961
3. Less : Own-account fixed capital formation	966	985	1 109
4. Plus : Social welfare and assistance in kind	6 428	7 798	8 832
By function			
1. General public service	170 062	192 912	187 895
2. Defence	372 760	248 832	240 481
3. Public order and safety	103 761	117 692	121 349
4. Economic affairs	202 833	219 688	236 050
5. Environmental protection	38 264	46 144	48 871
6. Housing and community amenities	10 492	8 256	6 629
7. Health	24 382	24 897	24 213
8. Recreational, cultural and religion	15 536	18 050	17 264
9. Education	249 667	270 063	290 003
10. Social protection	212 770	216 113	218 794
Government final consumption expenditure	1 400 527	1 362 647	1 391 549
	At 2001		
By cost-composition			
1. Gross output of government services producers	1 519 240	1 455 673	1 479 788
Compensation of Employees	862 180	874 891	893 380
Consumption of fixed capital	164 081	183 113	202 286
Intermediate consumption	492 979	397 669	384 122
2. Less : Sales	74 992	75 504	90 518
3. Less : Own-account fixed capital formation	1 016	1 012	1 121
4. Plus : Social welfare and assistance in kind	6 702	8 034	8 908
Government final consumption expenditure	1 449 934	1 387 191	1 397 057

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

consumption expenditure

Millions of N.T. Dollars

2001	2002	2003	2004	2005	2006 ^①	2007
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prices

1 477 915	1 507 094	1 537 931	1 552 360	1 588 436	1 594 186	1 625 367
902 229	908 686	952 860	958 983	976 014	983 624	971 577
220 478	236 176	250 148	271 374	280 068	293 498	304 847
355 208	362 232	334 923	322 003	332 354	317 064	348 943
84 753	88 053	91 477	101 034	104 908	106 947	114 574
1 298	1 329	1 372	1 400	1 472	1 452	1 485
12 570	13 062	13 937	15 367	16 248	19 033	19 891

191 973	205 424	199 143	180 715	189 799	177 101	175 925
249 904	242 833	239 727	264 187	256 997	240 607	252 508
133 416	139 642	140 484	140 832	149 555	155 968	157 670
237 593	254 701	270 403	271 093	275 241	290 934	297 377
43 499	44 498	47 777	47 527	49 375	49 762	49 316
10 990	7 422	6 085	9 391	15 674	12 004	11 643
19 566	20 093	20 461	20 789	22 889	25 779	24 519
16 571	16 886	17 029	18 091	18 516	20 859	18 180
287 255	298 754	311 026	311 908	324 429	335 749	346 109
213 667	200 521	206 884	200 760	195 829	196 057	195 952
1 404 434	1 430 774	1 459 019	1 465 293	1 498 304	1 504 820	1 529 199

constant prices

1 477 915	1 509 561	1 520 621	1 520 169	1 538 236	1 530 422	1 548 752
902 229	909 625	934 961	942 690	946 950	950 266	938 822
220 478	237 199	249 001	257 265	265 096	270 293	274 292
355 208	362 737	336 659	320 214	326 190	309 863	335 638
84 753	87 956	91 624	100 135	103 234	104 098	109 802
1 298	1 335	1 362	1 389	1 447	1 421	1 444
12 570	13 126	13 996	15 228	15 845	18 365	18 993
1 404 434	1 433 396	1 441 631	1 433 873	1 449 400	1 443 268	1 456 499

Table 101. Private final

Items	1992	1993	1994	1995	1996	1997
						At current
1. Food	693 448	757 473	841 613	908 475	981 288	1 022 837
2. Beverages	98 084	104 911	113 693	122 545	136 420	151 482
3. Tobacco	41 899	43 247	45 825	48 898	52 423	56 083
4. Clothing and footwear	143 371	156 009	170 389	191 425	211 133	229 326
5. Fuel and power	78 109	83 457	88 099	94 884	100 735	111 059
6. Rent and water charges	496 373	571 123	657 557	736 005	811 533	848 873
7. Furniture, furnishings and household equipment	85 352	97 879	111 300	127 306	146 031	156 885
8. Household operation	62 248	71 981	82 213	97 281	111 924	125 173
9. Medical care and health expenditure	204 750	234 521	262 483	313 349	355 249	393 237
10. Recreation, entertainment, education and cultural services	494 896	572 593	631 946	703 836	782 142	866 169
11. Transport and communication	385 311	425 156	462 208	490 141	514 261	543 232
12. Other goods and services	284 078	305 735	396 475	385 735	446 408	541 167
Private final consumption expenditure	3 067 919	3 424 085	3 863 801	4 219 880	4 649 547	5 045 523
Durable goods	277 676	301 289	334 964	347 661	353 430	389 884
Semi-durable goods	296 656	324 361	351 328	377 541	408 436	439 097
Non-durable goods	1 146 717	1 245 018	1 363 793	1 477 663	1 607 551	1 710 833
Services	1 346 870	1 553 417	1 813 716	2 017 015	2 280 130	2 505 709
						At 2001
1. Food	846 739	889 546	925 389	957 385	995 341	1 049 114
2. Beverages	107 764	115 891	125 865	134 369	142 988	150 271
3. Tobacco	44 720	46 037	48 401	50 923	53 566	55 998
4. Clothing and footwear	137 270	151 988	166 910	182 162	196 109	211 773
5. Fuel and power	86 112	92 175	97 073	101 924	106 720	113 182
6. Rent and water charges	617 184	670 109	735 155	796 158	856 384	878 449
7. Furniture, furnishings and household equipment	87 474	97 886	108 329	120 925	137 473	149 020
8. Household operation	84 119	93 100	102 463	112 585	127 552	139 019
9. Medical care and health expenses	234 951	264 157	290 712	338 372	377 419	409 867
10. Recreation, entertainment, education and cultural services	682 767	744 033	780 288	833 136	871 408	938 289
11. Transport and communication	409 125	448 098	485 124	501 859	519 256	543 434
12. Other goods and services	344 409	355 108	441 825	419 216	467 797	557 108
Private final consumption expenditure	3 682 634	3 968 128	4 307 534	4 549 014	4 852 013	5 195 524
Durable goods	271 088	292 279	319 557	324 550	326 894	366 170
Semi-durable goods	298 748	321 713	342 852	357 509	379 488	407 940
Non-durable goods	1 362 374	1 442 273	1 515 731	1 579 705	1 650 142	1 745 945
Services	1 750 424	1 911 863	2 129 394	2 287 250	2 495 489	2 675 469

consumption expenditure

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
prices									
1 120 132	1 183 876	1 236 806	1 247 227	1 261 227	1 285 601	1 358 950	1 459 700	1 486 887	1 539 446
158 449	158 615	160 141	157 490	161 745	162 114	163 415	163 662	167 237	168 974
57 891	58 370	60 242	61 718	71 335	71 638	71 809	72 167	78 492	80 759
234 614	243 707	251 020	251 620	255 077	246 869	265 139	267 812	262 389	275 653
119 666	120 715	130 201	135 047	135 946	141 130	144 093	155 611	160 612	168 572
893 158	933 843	957 322	972 412	973 414	979 591	990 680	1 009 804	1 035 580	1 063 807
169 385	174 308	182 019	177 447	183 401	187 733	201 686	206 046	214 618	224 080
140 480	150 325	161 777	171 269	176 311	177 894	186 806	194 064	204 110	211 006
431 469	469 765	493 863	516 748	541 498	561 720	586 389	615 803	640 471	672 408
936 227	1 028 807	1 127 065	1 152 019	1 176 737	1 166 485	1 282 825	1 327 602	1 399 136	1 463 977
588 018	648 407	709 315	723 232	752 911	786 180	859 265	918 439	881 245	887 914
587 220	586 052	617 466	562 984	595 082	586 339	607 871	631 855	647 681	686 206
5 436 709	5 756 790	6 087 237	6 129 213	6 284 684	6 353 294	6 718 928	7 022 565	7 178 458	7 442 802
432 922	475 997	498 572	506 647	457 432	461 107	466 142	554 875	492 710	491 114
436 312	459 226	481 062	478 808	492 768	482 853	502 867	468 371	464 497	483 175
1 849 539	1 936 853	2 045 528	2 062 697	2 090 067	2 134 355	2 240 938	2 443 263	2 522 321	2 623 311
2 717 936	2 884 714	3 062 075	3 081 061	3 244 417	3 274 979	3 508 981	3 556 056	3 698 930	3 845 202
constant prices									
1 106 099	1 173 540	1 223 105	1 247 227	1 259 047	1 284 165	1 310 115	1 323 107	1 351 147	1 366 958
156 626	156 749	159 281	157 490	147 498	148 115	148 199	148 578	151 486	154 052
57 818	58 302	60 143	61 718	54 885	55 047	55 117	55 353	54 228	53 384
227 785	240 050	246 814	251 620	254 106	242 726	252 935	254 911	255 542	262 574
122 281	125 532	130 677	135 047	137 495	142 106	143 011	150 672	148 822	150 800
903 630	938 388	960 027	972 412	983 905	1 001 237	1 018 974	1 039 112	1 063 345	1 090 198
160 724	167 312	175 979	177 447	187 924	197 363	213 453	216 669	224 419	231 673
150 820	160 777	168 465	171 269	174 533	178 376	185 152	192 570	203 276	208 404
445 856	480 693	498 842	516 748	539 674	552 354	565 847	586 658	598 990	617 419
992 591	1 069 227	1 140 389	1 152 019	1 175 552	1 179 653	1 296 184	1 343 768	1 410 704	1 442 661
597 614	664 998	709 653	723 232	775 613	805 271	860 774	916 831	872 611	882 606
595 360	585 589	614 803	562 984	598 306	595 027	616 005	636 973	651 429	686 875
5 517 204	5 821 157	6 088 178	6 129 213	6 288 538	6 381 440	6 665 766	6 865 202	6 985 999	7 147 604
412 984	460 346	488 495	506 647	468 549	486 278	493 227	595 089	537 180	533 647
423 492	446 245	467 411	478 808	495 278	483 479	499 914	471 711	479 256	491 128
1 843 116	1 943 412	2 033 135	2 062 697	2 079 951	2 109 892	2 146 873	2 242 198	2 285 697	2 319 074
2 837 612	2 971 154	3 099 137	3 081 061	3 244 760	3 301 791	3 525 752	3 556 204	3 683 866	3 803 755

Table 102. Gross capital

Items	1993	1994	1995	1996	1997
	At current				
A. By type of capital goods					
a. Gross fixed capital formation	1 489 590	1 588 779	1 750 642	1 780 498	1 955 615
1. Residential building	250 852	237 929	226 899	184 791	167 255
2. Non-residential building	222 486	247 583	294 116	292 515	313 906
3. Other construction except land improvement	341 895	375 363	389 564	391 857	416 591
4. Land improvement and plantation and orchard development	18 372	12 295	10 098	16 170	20 214
5. Transport equipment	128 860	119 880	126 756	106 288	140 043
6. Machinery and equipment	523 910	591 958	699 427	731 706	833 431
7. Breeding stock, draught animals, dairy cattle and the like	3 215	3 771	3 782	4 039	1 011
8. Intangible fixed assets				53 132	63 164
b. Increase in stocks	60 018	51 840	26 854	54 009	116 890
Gross capital formation	1 549 608	1 640 619	1 777 496	1 834 507	2 072 505
B. By kind of activity					
a. Gross fixed capital formation	1 489 590	1 588 779	1 750 642	1 780 498	1 955 615
Industries	1 058 661	1 111 095	1 248 681	1 283 641	1 457 029
1. Agriculture, forestry, fishing and animal husbandry	23 076	23 864	24 041	27 418	26 513
2. Mining and quarrying	2 276	1 940	1 614	3 645	3 348
3. Manufacturing	322 899	382 816	462 851	509 154	640 401
4. Electricity, gas and water	105 817	105 614	123 726	118 273	126 282
5. Construction	21 192	19 447	19 153	16 957	18 087
6. Trade	60 840	72 834	83 755	94 981	100 562
7. Accommodation and eating-drinking places	9 305	9 536	11 255	12 438	14 260
8. Transport, storage and communication	140 059	122 097	119 094	117 736	148 461
9. Finance, insurance	31 055	35 703	50 071	64 018	69 122
10. Real estate, rental and leasing	268 837	257 135	249 434	207 075	192 605
11. Professional, scientific and technical services	9 131	11 641	15 107	20 246	22 260
12. Education services	19 306	21 061	28 836	26 540	27 797
13. Health care and social welfare services	17 096	16 917	23 482	27 324	25 271
14. Cultural, sporting and recreational services	18 164	20 256	24 083	24 896	27 565
15. Other services	9 609	10 234	12 180	12 940	14 495
Producers of government services	426 825	473 307	496 998	491 749	493 081
Producers of private nonprofit institutions serving households	4 104	4 377	4 963	5 108	5 505
b. Increase in stocks	60 018	51 840	26 854	54 009	116 890
1. Goods producing industries	943	26 551	22 495	44 470	90 025
2. Trade and eating-drinking places	58 174	22 994	2 366	5 844	23 475
3. Other industries	901	2 295	1 993	3 695	3 390
Gross capital formation	1 549 608	1 640 619	1 777 496	1 834 507	2 072 505
C. By type of owner					
a. Gross fixed capital formation	1 489 590	1 588 779	1 750 642	1 780 498	1 955 615
1. Private enterprises	809 884	889 672	1 020 241	1 066 913	1 252 584
2. Public enterprises	248 777	221 423	228 440	216 728	204 445
3. General government	426 825	473 307	496 998	491 749	493 081
4. Private nonprofit institutions serving households	4 104	4 377	4 963	5 108	5 505
b. Increase in stocks	60 018	51 840	26 854	54 009	116 890
1. Private enterprises	67 821	43 310	22 064	51 482	110 330
2. Public enterprises	- 7 803	8 530	4 790	2 527	6 560
Gross capital formation	1 549 608	1 640 619	1 777 496	1 834 507	2 072 505

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

formation

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
prices									
2 185 505	2 229 266	2 394 001	1 910 022	1 910 937	1 957 708	2 420 150	2 438 435	2 531 374	2 667 974
155 543	154 875	132 044	113 112	124 979	130 268	183 865	186 320	215 263	235 076
327 140	288 327	285 830	217 688	233 261	216 369	242 974	270 174	310 190	344 647
464 904	462 646	448 229	425 665	432 548	438 242	508 362	508 633	530 156	538 850
20 614	23 897	24 977	26 663	17 408	18 935	17 477	14 246	18 225	21 620
168 906	119 453	131 023	132 424	105 816	99 159	126 151	174 712	116 330	117 846
959 664	1 061 772	1 232 010	856 295	846 243	893 779	1 160 007	1 100 914	1 157 704	1 223 100
365	3 929	2 251	562	941	2 073	1 816	1 771	1 484	492
88 369	114 367	137 637	137 613	149 741	158 883	179 498	181 665	182 022	186 343
120 014	49 908	- 60 396	- 98 959	- 62 389	- 21 950	86 840	10 838	31 334	49 486
2 305 519	2 279 174	2 333 605	1 811 063	1 848 548	1 935 758	2 506 990	2 449 273	2 562 708	2 717 460
2 185 505	2 229 266	2 394 001	1 910 022	1 910 937	1 957 708	2 420 150	2 438 435	2 531 374	2 667 974
1 679 547	1 706 937	1 898 218	1 446 783	1 503 669	1 547 627	2 000 406	2 014 263	2 114 887	2 245 591
22 544	26 386	15 929	17 736	15 883	16 500	12 803	16 864	13 482	8 263
3 704	3 431	2 953	2 236	1 746	1 828	1 383	1 439	1 496	1 389
733 008	768 803	992 694	652 802	624 515	671 574	940 082	929 161	989 378	1 076 076
148 993	168 493	152 236	140 847	137 011	145 325	137 122	156 282	162 349	161 753
21 490	20 552	21 426	17 030	17 433	15 150	17 089	17 715	18 182	18 926
99 041	87 093	106 382	87 941	87 057	90 602	118 157	122 757	128 981	134 839
15 123	15 911	16 836	13 585	12 693	13 005	13 701	14 028	15 395	16 469
222 904	202 837	217 284	211 655	286 364	277 396	359 885	350 224	330 624	346 569
101 328	114 325	94 421	88 813	82 492	79 068	92 555	90 936	99 734	100 662
181 811	177 609	153 994	131 143	145 740	150 077	208 920	213 892	248 552	266 799
25 198	21 629	19 671	14 180	15 486	12 488	16 668	17 180	17 774	16 994
32 356	28 906	30 380	20 594	25 552	23 669	26 540	27 149	29 001	31 336
28 616	30 296	27 222	17 089	22 085	24 086	26 165	27 464	29 081	31 883
27 773	24 506	28 144	17 398	15 744	15 145	16 933	16 789	17 759	18 866
15 658	16 160	18 646	13 734	13 868	11 714	12 403	12 383	13 099	14 767
500 707	516 998	489 739	456 836	399 733	402 577	411 821	416 090	408 235	413 680
5 251	5 331	6 044	6 403	7 535	7 504	7 923	8 082	8 252	8 703
120 014	49 908	- 60 396	- 98 959	- 62 389	- 21 950	86 840	10 838	31 334	49 486
94 296	83 161	- 31 585	- 76 872	- 65 548	- 13 079	75 529	- 6 209	36 695	30 320
20 074	- 27 096	- 36 033	- 23 450	7 093	- 11 246	7 764	18 336	6 123	20 174
5 644	- 6 157	7 222	1 363	- 3 934	2 375	3 547	- 1 289	- 11 484	- 1 008
2 305 519	2 279 174	2 333 605	1 811 063	1 848 548	1 935 758	2 506 990	2 449 273	2 562 708	2 717 460
2 185 505	2 229 266	2 394 001	1 910 022	1 910 937	1 957 708	2 420 150	2 438 435	2 531 374	2 667 974
1 458 274	1 460 034	1 664 321	1 212 201	1 276 895	1 328 417	1 818 832	1 809 108	1 924 206	2 046 103
221 273	246 903	233 897	234 582	226 774	219 210	181 574	205 155	190 681	199 488
500 707	516 998	489 739	456 836	399 733	402 577	411 821	416 090	408 235	413 680
5 251	5 331	6 044	6 403	7 535	7 504	7 923	8 082	8 252	8 703
120 014	49 908	- 60 396	- 98 959	- 62 389	- 21 950	86 840	10 838	31 334	49 486
142 721	31 082	- 65 910	- 87 110	- 69 153	- 11 530	80 408	1 318	1 213	32 811
- 22 707	18 826	5 514	- 11 849	6 764	- 10 420	6 432	9 520	30 121	16 675
2 305 519	2 279 174	2 333 605	1 811 063	1 848 548	1 935 758	2 506 990	2 449 273	2 562 708	2 717 460

Table 102. Gross capital

Items	1993	1994	1995	1996	1997
At 2001					
A. By type of capital goods					
a. Gross fixed capital formation	1 457 618	1 565 721	1 681 216	1 759 792	1 950 802
1. Residential building	247 173	241 482	227 657	187 510	167 373
2. Non-residential building	219 374	252 072	295 755	296 284	313 372
3. Other construction except land improvement	336 004	380 152	390 058	395 639	415 331
4. Land improvement and plantation and orchard development	18 056	12 462	10 127	16 343	20 151
5. Transport equipment	149 169	135 940	138 949	119 315	156 856
6. Machinery and equipment	484 862	540 159	615 329	690 372	815 921
7. Breeding stock, draught animals, dairy cattle and the like	2 980	3 454	3 341	3 829	991
8. Intangible fixed assets	-	-	-	50 500	60 807
b. Increase in stocks	59 914	50 455	23 863	51 347	115 254
Gross capital formation	1 517 532	1 616 176	1 705 079	1 811 139	2 066 056
B. By kind of activity					
a. Gross fixed capital formation	1 457 618	1 565 721	1 681 216	1 759 792	1 950 802
Industries	1 036 803	1 088 205	1 186 960	1 263 229	1 455 196
1. Agriculture, forestry, fishing and animal husbandry	22 605	23 523	23 146	27 055	26 553
2. Mining and quarrying	2 124	1 808	1 439	3 687	3 407
3. Manufacturing	304 506	358 446	420 327	488 270	629 449
4. Electricity, gas and water	98 252	96 461	108 846	111 298	124 299
5. Construction	20 236	18 588	17 855	16 478	17 908
6. Trade	59 833	71 487	79 380	93 006	100 084
7. Accommodation and eating-drinking places	9 105	9 283	10 539	12 153	14 122
8. Transport, storage and communication	153 816	134 370	128 472	128 039	161 605
9. Finance, insurance	30 095	35 200	48 715	63 159	68 167
10. Real estate, rental and leasing	264 764	260 417	249 334	209 507	192 752
11. Professional, scientific and technical services	8 875	11 186	14 106	19 883	22 200
12. Education services	18 874	20 791	28 048	26 597	27 801
13. Health care and social welfare services	16 664	16 638	22 102	26 716	25 068
14. Cultural, sporting and recreational services	17 616	19 901	22 945	24 538	27 335
15. Other services	9 438	10 106	11 706	12 843	14 446
Producers of government services	416 835	473 226	489 507	491 561	490 125
Producers of private nonprofit institutions serving households	3 980	4 290	4 749	5 002	5 481
b. Increase in stocks	59 914	50 455	23 863	51 347	115 254
1. Goods producing industries	1 200	25 226	19 681	42 292	89 310
2. Trade and eating-drinking places	57 836	22 818	2 373	5 588	22 693
3. Other industries	878	2 411	1 809	3 467	3 251
Gross capital formation	1 517 532	1 616 176	1 705 079	1 811 139	2 066 056
C. By type of owner					
a. Gross fixed capital formation	1 457 618	1 565 721	1 681 216	1 759 792	1 950 802
1. Private enterprises	801 684	881 042	980 173	1 056 848	1 253 934
2. Public enterprises	235 119	207 163	206 787	206 381	201 262
3. General government	416 835	473 226	489 507	491 561	490 125
4. Private nonprofit institutions serving households	3 980	4 290	4 749	5 002	5 481
b. Increase in stocks	59 914	50 455	23 863	51 347	115 254
1. Private enterprises	67 758	42 266	19 855	48 959	108 643
2. Public enterprises	- 7 844	8 189	4 008	2 388	6 611
Gross capital formation	1 517 532	1 616 176	1 705 079	1 811 139	2 066 056

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

formation (continued)

Millions of N.T. Dollars

1998	1999	2000	2001	2002	2003	2004	2005	2006 ^①	2007
constant prices									
2 125 181	2 187 673	2 384 927	1 910 022	1 930 437	1 963 659	2 345 745	2 373 586	2 394 276	2 439 745
153 581	154 215	132 541	113 112	124 642	126 434	161 862	156 984	171 014	175 264
321 737	285 746	285 258	217 688	230 313	208 585	213 349	227 736	245 693	255 737
457 532	458 585	448 244	425 665	430 314	424 211	446 675	428 707	418 290	396 255
20 255	23 670	24 961	26 663	17 201	18 314	15 334	11 939	14 319	15 788
179 803	129 198	138 937	132 424	106 284	97 686	120 854	168 185	110 018	109 731
904 238	1 018 413	1 215 299	856 295	866 498	913 509	1 185 130	1 170 295	1 224 675	1 272 155
344	3 776	2 221	562	956	2 116	1 821	1 873	1 562	508
87 691	114 070	137 466	137 613	154 229	172 804	200 720	207 867	208 705	214 307
118 911	51 674	- 58 262	- 98 959	- 60 948	- 19 224	78 446	9 286	32 161	46 409
2 244 092	2 239 347	2 326 665	1 811 063	1 869 489	1 944 435	2 424 191	2 382 872	2 426 437	2 486 154
2 125 181	2 187 673	2 384 927	1 910 022	1 930 437	1 963 659	2 345 745	2 373 586	2 394 276	2 439 745
1 631 379	1 673 678	1 890 714	1 446 783	1 524 092	1 562 485	1 967 361	2 002 279	2 049 980	2 113 106
21 992	25 794	15 691	17 736	15 820	16 187	11 907	15 885	12 304	6 655
3 651	3 391	2 936	2 236	1 764	1 815	1 355	1 382	1 441	1 317
701 247	744 532	982 057	652 802	636 545	685 026	952 118	965 078	1 013 938	1 073 191
141 737	162 336	150 308	140 847	140 388	147 953	138 341	163 578	166 649	162 925
20 712	20 024	21 215	17 030	17 670	15 180	16 606	17 263	17 160	17 391
96 332	85 525	105 696	87 941	87 930	92 091	117 181	121 636	124 175	126 116
14 506	15 474	16 684	13 585	12 938	13 671	14 499	15 099	16 406	17 645
228 729	209 352	225 167	211 655	288 553	275 015	337 637	326 315	292 529	296 879
98 650	112 639	94 005	88 813	83 688	81 410	94 110	93 143	100 320	99 983
179 390	176 600	154 245	131 143	145 731	147 217	188 009	185 631	204 927	207 408
24 556	21 202	19 554	14 180	15 753	12 929	17 058	17 592	18 088	16 792
30 862	27 840	29 829	20 594	25 393	23 319	25 145	25 630	26 460	27 852
27 479	29 632	27 052	17 089	22 130	23 915	24 874	25 815	26 387	28 182
26 569	23 725	27 862	17 398	15 804	15 025	16 216	15 955	16 452	17 092
14 967	15 612	18 413	13 734	13 985	11 732	12 305	12 277	12 744	13 678
488 721	508 771	488 184	456 836	398 773	393 735	370 965	363 831	336 955	319 170
5 081	5 224	6 029	6 403	7 572	7 439	7 419	7 476	7 341	7 469
118 911	51 674	- 58 262	- 98 959	- 60 948	- 19 224	78 446	9 286	32 161	46 409
93 526	84 862	- 31 181	- 76 872	- 64 375	- 10 860	68 178	- 4 462	22 781	29 783
19 850	- 26 928	- 34 109	- 23 450	7 484	- 10 588	7 502	14 686	3 254	17 702
5 535	- 6 260	7 028	1 363	- 4 057	2 224	2 766	- 938	6 126	- 1 076
2 244 092	2 239 347	2 326 665	1 811 063	1 869 489	1 944 435	2 424 191	2 382 872	2 426 437	2 486 154
2 125 181	2 187 673	2 384 927	1 910 022	1 930 437	1 963 659	2 345 745	2 373 586	2 394 276	2 439 745
1 421 075	1 435 337	1 659 432	1 212 201	1 292 393	1 339 915	1 785 181	1 790 594	1 854 942	1 915 308
210 304	238 341	231 282	234 582	231 699	222 570	182 180	211 685	195 038	197 798
488 721	508 771	488 184	456 836	398 773	393 735	370 965	363 831	336 955	319 170
5 081	5 224	6 029	6 403	7 572	7 439	7 419	7 476	7 341	7 469
118 911	51 674	- 58 262	- 98 959	- 60 948	- 19 224	78 446	9 286	32 161	46 409
142 010	32 647	- 63 423	- 87 110	- 67 950	- 9 274	72 655	1 285	6 088	30 314
- 23 099	19 027	5 161	- 11 849	7 002	- 9 950	5 791	8 001	26 073	16 095
2 244 092	2 239 347	2 326 665	1 811 063	1 869 489	1 944 435	2 424 191	2 382 872	2 426 437	2 486 154

Table 103. Disposable income, consumption

Items	1992	1993	1994	1995	1996	1997	1998
Average disposable income per household	639 696	727 879	769 755	811 338	826 378	863 427	873 175
By disposable income quintile							
Lowest fifth (a)	235 752	259 380	280 259	296 166	298 443	312 458	310 865
Second fifth	423 392	477 408	499 105	525 749	537 241	557 429	560 766
Third fifth	560 466	642 257	669 983	704 713	723 067	753 919	765 375
Fourth fifth	742 466	853 213	892 016	948 484	966 103	1 003 815	1 014 770
Highest fifth (b)	1 236 407	1 407 138	1 507 414	1 581 581	1 607 034	1 689 517	1 714 097
(b)/(a) (Times)	5.24	5.42	5.38	5.34	5.38	5.41	5.51
Average consumption expenditure per household	445 220	504 133	545 987	591 035	614 435	634 477	646 343
By disposable income quintile							
Lowest fifth	211 622	238 753	255 078	270 859	285 227	292 464	288 889
Second fifth	351 510	394 795	419 297	451 990	464 278	487 183	496 500
Third fifth	432 439	490 342	522 530	567 437	589 982	612 672	632 744
Fourth fifth	517 933	590 955	624 470	685 390	721 896	747 747	763 930
Highest fifth	712 598	805 819	908 563	979 498	1 010 792	1 032 317	1 049 654
Percent distribution							
Food, beverage and tobacco	29.79	27.73	26.05	25.50	26.08	25.74	25.77
Clothing and footwears	6.10	5.65	4.90	4.60	4.49	4.50	4.48
Rent, fuel and power	26.38	25.55	25.65	24.91	25.30	25.10	25.24
Furniture, family facilities and household operations	4.20	4.05	4.56	4.57	4.58	4.38	4.17
Health care and medical expenses	5.08	7.82	8.49	10.37	9.84	9.98	10.32
Transport and communication	8.97	9.82	9.87	10.00	10.17	10.42	10.60
Recreation, education & cultural services	13.36	13.01	13.48	13.12	12.97	13.11	12.81
Miscellaneous	6.12	6.37	7.00	6.93	6.57	6.77	6.61
Average savings per household	194 476	223 747	223 768	220 303	211 943	228 951	226 831
By disposable income quintile							
Lowest fifth	24 130	20 627	25 181	25 307	13 216	19 994	21 976
Second fifth	71 882	82 614	79 808	73 759	72 963	70 245	64 267
Third fifth	128 027	151 915	147 453	137 276	133 085	141 247	132 630
Fourth fifth	224 533	262 258	267 546	263 094	244 207	256 068	250 840
Highest fifth	523 810	601 321	598 851	602 083	596 242	657 199	664 443

expenditure and savings of households

N.T. Dollars

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
889 053	891 445	868 651	875 919	881 662	891 249	894 574	913 092	923 874	913 687
317 001	315 172	279 404	292 113	296 297	297 305	297 694	304 274	312 145	303 517
573 853	571 355	524 766	538 584	545 465	555 452	556 117	564 865	571 128	564 893
778 496	778 556	740 054	743 888	745 231	775 719	779 044	795 427	799 418	796 225
1 031 669	1 043 508	1 013 478	1 005 274	1 021 325	1 035 972	1 043 131	1 073 507	1 069 885	1 068 804
1 744 245	1 748 633	1 785 550	1 799 733	1 799 992	1 791 796	1 796 884	1 827 387	1 866 791	1 834 994
5.50	5.55	6.39	6.16	6.07	6.03	6.04	6.01	5.98	6.05
655 282	662 722	657 872	672 619	666 372	692 648	701 076	713 024	716 094	705 413
290 266	300 440	283 920	302 415	294 645	295 476	299 642	304 091	313 309	309 419
497 548	502 783	480 451	500 714	491 137	513 243	516 758	524 833	530 417	522 744
638 566	634 736	629 430	647 533	650 448	678 420	688 550	702 656	699 698	687 699
777 298	780 907	792 556	804 065	802 983	831 215	861 302	860 439	868 505	849 967
1 072 735	1 094 744	1 103 002	1 108 368	1 092 645	1 144 888	1 139 131	1 173 099	1 168 540	1 157 234
25.15	24.21	24.34	24.05	24.00	23.71	23.62	23.51	24.20	24.64
4.08	3.83	3.64	3.56	3.52	3.48	3.40	3.36	3.27	3.18
24.91	25.15	24.60	23.71	23.96	23.06	23.33	23.24	23.52	23.77
4.03	3.96	3.91	3.71	3.55	3.73	3.61	3.42	3.42	3.54
10.97	11.09	11.53	12.28	12.70	12.91	13.41	13.93	14.30	14.64
11.11	11.37	11.69	12.23	12.12	12.54	12.56	12.35	12.46	11.98
12.96	13.51	13.32	13.52	13.12	13.31	12.99	12.86	12.52	12.49
6.80	6.88	6.97	6.94	7.03	7.26	7.08	7.33	6.30	5.76
233 770	228 723	210 779	203 300	215 290	198 600	193 497	200 068	207 780	208 274
26 735	14 733	- 4 516	- 10 302	1 652	1 829	- 1 948	183	- 1 164	- 5 902
76 305	68 572	44 315	37 871	54 328	42 208	39 360	40 032	40 711	42 149
139 931	143 820	110 623	96 355	94 783	97 299	90 494	92 770	99 720	108 525
254 371	262 601	220 922	201 210	218 342	204 757	181 829	213 067	201 380	218 837
671 511	653 888	682 548	691 365	707 347	646 909	657 753	654 288	698 251	677 760

Table 104. Income, expenditure

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

and savings per household, 2007

N.T. Dollars

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

Table 105. Transactions table at producers' prices,

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

2004 (excluding net import duties)

Millions of N.T. Dollars

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

Table 105. Transactions table at producers' prices,

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

2004 (excluding net import duties) (continued)

Millions of N.T. Dollars

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

Table 105. Transactions table at producers' prices,

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

2004 (excluding net import duties) (continued)

Millions of N.T. Dollars

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

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

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

AGRICULTURE, FORESTRY AND FISHING

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

The scope of agricultural production reporting system cover all agricultural products produced in Taiwan Area except sheep, horses and deer. Production does not exclude intermediate inputs and consumption or waste. The productions of principal products are all reported. For by-products only productions of forestry are reported. From the reported data, the Council of Agriculture picks out a number of representative products for calculation of the agricultural production index which adopts the Laspeyres fixed base weighted formula, with the weights being the prices of farm products prevailing in the base year. In shifting the base year, the Fisher Ideal formula are used to splice the new and old indices. To avoid double counting the agricultural output, seeds are deducted from the output of a crop in calculation of the output index for the crop. In calculation of the general agricultural production index, crop products used as animal feed are further deducted in order to avoid double counting of the animal feeds in the crop sector. Animal feeds are included in the livestock and fisheries production. Planted Area -- Crops can be divided into two broad categories, i.e., short-term crops whose growing period is shorter than one year and long-term crops whose growing period is one year or longer. For short-term crops which are further classified by timing of cropping (or term) into winter crops, first crops, and second crops, the investigation of planted area is done once for each term of cropping, and the planted areas for the three terms of cropping in a year are added up to the total planted areas in the year. For long-term crops, the investigation of planted area is done twice a year, and only the area recorded in the second investigation is treated as the planted area.

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

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

Table 106. Indexes of

2006=100

Year	General index	Agricultural products								
		Group index	Common crops			Special crops	Fruits	Vegetables	Mushrooms	Flowers
			Sub-group index	Rice	Coarse Grain					
1979	83.7	122.6	197.8	199.1	222.0	156.1	60.5	125.9	1 439.4	-
1980	84.6	119.9	189.8	191.5	209.9	147.1	62.6	132.8	1 059.9	-
1981	83.4	117.0	185.7	193.2	172.2	144.0	67.1	118.8	931.7	12.7
1982	84.9	118.0	193.0	202.1	171.5	146.5	61.3	119.8	831.0	13.8
1983	88.3	114.5	192.3	202.3	165.1	127.7	61.7	113.5	790.2	14.5
1984	91.1	115.3	176.3	182.7	167.4	135.5	68.7	126.6	829.0	19.2
1985	93.9	116.1	173.4	177.0	180.2	141.8	74.2	123.3	833.0	23.1
1986	93.6	110.1	162.3	160.6	193.0	133.0	71.8	115.4	768.5	26.0
1987	101.0	114.7	161.0	154.7	212.9	136.8	81.8	120.0	632.8	32.9
1988	102.6	116.3	155.8	150.2	203.5	151.0	88.4	114.7	455.6	39.6
1989	102.4	115.7	154.3	151.8	187.6	151.5	92.6	107.6	380.8	40.6
1990	104.7	110.5	152.7	147.1	199.9	140.1	87.4	98.7	275.3	48.9
1991	106.2	113.4	153.5	148.2	199.9	138.6	92.0	104.3	223.8	52.3
1992	103.7	108.7	140.6	132.7	200.4	139.5	84.7	104.4	161.7	62.9
1993	109.9	116.1	150.2	143.3	205.8	144.7	95.9	105.1	114.4	74.9
1994	106.6	112.0	140.2	132.2	200.4	151.5	93.1	94.1	99.3	85.8
1995	110.5	114.2	139.5	132.9	191.8	151.7	93.1	102.7	82.7	94.5
1996	110.7	113.9	131.6	123.8	190.1	149.3	93.9	111.3	104.1	90.5
1997	109.3	115.8	134.6	131.0	167.4	147.0	98.8	109.1	120.8	95.6
1998	103.3	106.2	119.4	119.2	129.8	146.0	85.9	103.2	93.9	91.2
1999	104.5	113.4	120.7	122.9	116.8	138.1	97.6	122.1	78.7	95.0
2000	106.8	108.1	118.4	122.3	103.3	137.0	88.5	114.0	85.2	96.2
2001	105.5	103.4	107.0	110.5	93.7	124.5	92.5	107.8	104.8	90.8
2002	109.8	109.1	115.0	115.7	112.2	120.9	97.0	120.1	98.6	93.5
2003	109.9	106.2	106.0	105.8	106.8	121.9	102.0	108.8	98.1	94.0
2004	105.3	101.0	92.6	92.0	94.8	107.4	100.4	108.6	104.7	96.2
2005	99.3	91.4	92.7	94.1	87.2	98.0	86.6	93.3	98.1	88.8
2006	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2007	97.5	93.5	86.0	87.4	80.9	92.8	99.8	90.6	90.3	98.3
2008	92.5	93.0	91.7	93.5	84.8	96.7	93.6	91.6	90.6	93.9

agricultural, forestry and fishery production

Forestry products			Livestock products			Fishery products				
Group index	Saw timber	Fire & charcoal wood and bamboo & by-products	Group index	Hogs	Other livestock	Group index	Far-sea fisheries	Offshore fisheries	Coastal fisheries	Aquaculture fisheries
713.5	2 395.6	170.0	47.8	61.6	31.6	83.5	47.3	311.4	66.9	69.9
642.1	2 198.3	139.8	50.6	65.0	33.6	84.8	49.4	318.9	66.5	68.8
667.1	2 050.9	221.3	51.5	64.8	35.3	81.5	42.4	299.9	73.6	75.6
610.5	1 889.2	197.7	53.5	66.8	37.0	83.2	44.4	280.8	80.6	81.3
721.7	2 409.3	162.2	61.3	71.3	46.0	85.5	44.9	264.1	88.5	91.0
623.8	2 056.9	150.5	64.9	78.7	46.5	90.7	51.3	268.0	96.6	92.8
561.5	1 846.3	137.7	69.3	89.4	46.0	94.6	56.4	264.1	104.0	95.5
622.2	1 986.8	181.8	71.6	93.4	46.7	100.3	63.5	241.9	111.0	105.0
577.0	1 626.2	232.1	78.1	100.9	51.6	113.9	74.5	252.6	106.4	123.1
374.0	897.2	196.6	78.8	98.0	54.9	118.5	90.0	250.7	98.2	115.7
264.2	531.1	169.1	82.6	98.6	60.7	112.6	94.6	257.0	97.5	93.3
226.0	333.2	180.4	88.8	108.5	63.4	119.6	99.9	206.5	94.0	116.2
211.7	217.4	210.5	96.8	121.2	66.3	110.7	92.1	195.7	77.7	109.1
127.7	266.6	78.5	99.1	121.0	71.9	106.8	94.4	195.8	79.6	95.3
133.4	191.6	113.0	103.4	122.0	80.9	113.4	114.7	176.8	73.2	95.1
100.7	141.3	86.5	109.3	129.3	84.9	100.0	93.1	164.5	67.6	90.7
117.5	199.0	88.8	114.8	132.5	93.6	104.2	98.0	176.0	78.7	90.4
96.8	163.4	74.1	119.4	136.4	99.4	99.3	94.3	164.8	70.7	87.0
108.9	169.8	89.5	110.5	110.7	109.3	101.3	105.9	157.8	70.8	79.6
137.9	172.8	131.7	102.4	95.8	108.6	101.4	113.5	134.4	78.1	75.7
115.9	98.3	131.1	98.7	88.4	109.1	99.3	113.3	128.6	71.7	72.9
114.3	32.7	157.2	104.3	98.9	109.2	108.6	116.7	132.9	85.4	89.6
94.7	43.4	122.3	104.6	103.4	105.7	110.4	117.5	132.0	91.4	96.3
105.6	64.9	127.6	102.6	99.8	105.1	119.4	123.3	142.5	94.4	110.4
115.0	38.5	156.3	100.6	95.9	104.6	127.8	133.9	135.3	115.4	118.8
114.8	51.2	149.1	100.5	96.5	103.9	118.7	123.5	129.5	106.8	110.4
89.8	71.4	99.7	97.6	97.9	97.4	116.3	120.3	132.6	98.1	108.3
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.5	42.5	86.8	97.6	98.2	97.0	105.1	110.2	87.0	97.1	105.6
63.4	45.7	75.8	92.7	92.6	92.9	91.4	86.5	78.9	86.2	103.7

Table 107. Quantity of major

Item	1999	2000	2001	2002
Crop production				
Paddy rice	1 916 305	1 906 057	1 723 895	1 803 187
Coarse grain				
Feed corn	88 994	72 672	59 223	60 230
Food corn	112 201	105 643	106 772	128 685
Sweet potato	218 584	197 837	188 716	191 448
Peanut	67 157	79 127	56 087	77 455
Sorghum	33 579	26 456	21 652	17 918
Adzuki bean	8 241	6 946	4 235	7 270
Soybean	352	295	328	368
Special crops				
Sugar-cane (refined)	3 255 783	2 893 762	2 180 288	1 973 051
Sugar-cane (fresh)	149 705	124 965	122 701	122 680
Tea	21 119	20 349	19 837	20 345
Tobacco	9 295	11 510	9 215	7 578
Sesame	458	629	615	531
Vegetables				
Radishes	175 114	138 118	121 031	141 282
Scallion	118 260	118 706	119 805	137 384
Garlic bulb	52 275	62 428	54 103	49 071
Water bamboo	38 431	34 755	48 304	36 097
Bamboo shoot	358 700	336 826	322 959	340 570
Cabbage	378 849	346 868	349 719	359 053
Watermelon	382 288	354 856	330 082	434 289
Cantaloupe	103 536	90 074	87 068	103 702
Mildew				
Mushroom	4 805	4 315	4 933	5 217
Shiitake	3 166	3 881	4 866	4 545
Fruits				
Banana	212 531	198 455	204 724	226 521
Pineapple	348 450	357 535	388 691	416 280
Ponkan	121 946	114 707	111 919	105 715
Wentan pomelo	89 617	59 576	67 551	74 480
Liucheng	121 398	126 631	135 639	142 681
Longan	128 996	82 652	110 202	110 925
Mango	206 919	210 692	212 875	213 366

agricultural production

Metric tons

2003	2004	2005	2006	2007	2008
1 648 275	1 433 611	1 467 138	1 558 048	1 363 458	1 457 175
53 134	45 631	41 820	37 358	33 885	37 290
114 775	98 666	91 653	91 075	84 985	80 807
199 800	175 421	213 991	235 203	200 087	212 816
73 462	68 302	53 948	71 561	51 885	55 075
17 542	12 826	8 325	4 732	4 895	2 532
7 389	6 458	4 850	7 831	6 056	7 013
341	280	213	187	147	141
1 695 679	1 129 385	875 458	651 041	720 874	707 102
108 623	65 661	64 754	63 216	60 043	58 400
20 675	20 192	18 803	19 345	17 502	17 384
5 243	5 490	2 743	2 193	1 672	1 725
594	458	451	571	313	408
120 704	125 879	132 390	116 416	110 856	118 720
132 672	125 707	91 696	102 577	97 920	95 124
46 765	58 054	55 622	43 843	43 840	54 508
42 130	42 136	45 801	46 265	44 291	46 295
345 107	310 300	232 856	313 356	291 709	255 046
299 409	319 671	316 115	355 072	318 717	348 818
335 919	314 945	212 488	236 322	220 773	203 275
85 485	78 797	60 307	73 727	50 702	48 423
4 883	5 643	5 117	4 663	4 304	3 951
4 537	4 823	4 526	4 643	4 184	4 233
223 061	189 900	148 715	214 277	241 729	207 702
447 807	458 499	439 872	491 588	476 811	452 060
105 370	107 143	93 207	110 645	89 727	100 689
88 575	87 362	69 830	73 571	63 711	68 061
204 575	211 409	193 847	228 225	192 910	254 125
134 583	102 337	102 790	102 693	108 612	101 909
220 513	182 196	149 996	191 332	215 292	176 716

Table 107. Quantity of major

Item	1999	2000	2001	2002
Betel nut	170 039	166 975	165 076	162 253
Guava	173 907	158 269	185 491	203 581
Wax apple	104 010	67 893	94 034	95 134
Grape	106 598	91 516	85 017	84 972
Plum	39 857	41 952	34 852	34 419
Japanese apricot	55 376	63 317	55 956	45 218
Lichee	108 668	89 403	79 156	81 004
Pear	117 510	113 568	100 565	122 957
Papaya	158 943	138 601	142 207	144 572
Sugar apple	56 448	36 520	42 680	55 340
Forestry				
Timber (M ³)	31 713	26 790	34 080	35 328
Saw-timber	23 332	21 134	26 401	31 074
Firewood	4 299	4 760	5 953	3 957
Tree top wood	4 082	896	1 727	297
Bamboo (1 000 pieces)	1 717	1 550	594	868
Fishery				
Deep-sea fishery	854 667	886 859	795 622	823 534
Inshore fishery	205 640	169 520	158 969	185 030
Coastal fishery	39 911	44 016	48 923	49 251
Mariculture	24 035	28 282	26 763	28 729
Inland water fishing	580	557	609	608
Inland water culture	239 034	228 117	286 018	317 939
Livestock				
Cattle (Carcass weight)	5 168	4 901	5 057	5 303
Hogs (Carcass weight)	822 344	920 603	961 948	935 354
Goats (Carcass weight)	3 923	3 614	3 176	2 987
Honey	6 283	5 839	2 759	3 230
Chicken (Carcass weight)	625 784	631 142	606 019	609 344
Duck (Carcass weight)	66 643	64 504	60 728	58 561
Geese (Carcass weight)	29 669	25 850	25 161	24 558
Cow milk	338 005	358 049	345 970	357 804
Hen egg (1 000 pieces)	7 274 451	7 270 033	7 325 125	7 069 644
Duck egg (1 000 pieces)	485 629	478 452	481 789	472 326

agricultural production(continued)

Metric tons					
2003	2004	2005	2006	2007	2008
159 584	143 368	138 095	141 563	134 497	144 195
198 408	184 738	137 166	170 169	131 703	141 065
92 658	68 687	84 991	69 234	82 223	63 902
92 122	97 884	71 105	102 291	90 081	84 656
34 724	35 321	29 202	26 297	25 830	23 001
53 874	57 009	45 937	48 001	37 834	35 812
104 186	82 107	70 537	84 652	99 721	79 565
122 138	124 873	113 183	126 628	150 429	138 381
144 559	133 620	88 475	129 283	92 914	94 359
48 339	89 189	75 554	85 005	78 830	67 749
41 147	40 041	44 116	36 233	35 161	31 231
26 098	30 372	31 389	26 979	26 441	25 135
14 995	9 642	12 675	9 224	7 186	6 059
55	27	53	31	1 533	37
665	574	673	544	825	2 430
877 663	677 703	752 118	757 896	984 510	828 427
192 681	196 820	200 730	154 015	134 619	132 594
63 430	56 070	52 779	54 226	54 110	47 366
34 386	28 094	34 746	34 411	34 888	37 765
475	255	207	155	241	198
330 348	299 066	272 270	281 575	289 829	292 940
5 523	5 120	6 048	5 626	5 480	5 683
892 835	898 208	911 449	930 609	913 824	861 836
2 900	2 781	3 234	3 896	3 548	3 183
5 935	4 987	6 327	4 978	3 220	7 219
596 584	600 905	555 340	565 778	549 450	522 822
58 607	61 218	71 483	74 808	77 656	68 770
25 447	25 998	23 508	24 742	21 628	18 962
354 421	322 660	303 496	323 165	322 220	315 559
7 018 647	6 998 992	6 452 885	6 620 415	6 659 584	6 469 671
477 041	417 126	487 549	466 232	507 328	483 878

Table 108. Value of major

Item	1999	2000	2001	2002
Total farm production	391 481 223	363 791 073	352 689 979	350 477 906
Crop production	170 523 785	165 214 487	160 758 570	151 853 269
Paddy rice	36 779 170	34 669 549	32 828 360	32 018 299
Coarse grain	8 979 943	9 050 449	7 369 671	8 081 184
Feed corn	1 334 910	1 090 080	888 344	875 677
Food corn	1 761 556	1 679 724	1 697 678	1 415 538
Sweet potato	1 967 256	1 899 235	1 792 806	1 749 834
Peanuts	2 988 487	3 600 279	2 366 889	3 330 545
Sorghum	470 106	370 384	303 123	250 857
Adzuki bean	393 920	334 103	245 606	392 570
Soybeans	8 800	7 375	8 200	9 210
Special crop	12 934 970	13 105 367	10 814 536	8 813 297
Sugar-cane (refined)	4 007 869	4 147 792	2 579 280	1 644 143
Sugar-cane (fresh)	1 526 991	1 349 622	1 349 716	1 042 779
Tea	3 811 980	3 675 029	3 570 596	3 051 794
Tobacco	1 778 276	2 215 482	1 770 788	1 471 071
Vegetables	39 953 261	38 568 050	36 762 852	35 323 408
Radishes	1 541 003	1 298 309	1 186 108	1 130 256
Scallion	1 513 728	1 519 437	1 557 459	1 511 228
Garlic bulb	2 195 550	2 309 836	1 839 499	1 717 476
Water-bamboo	1 037 637	955 763	1 294 546	909 642
Bamboo shoot	3 658 740	3 570 356	3 520 248	3 405 703
Cabbage	2 500 403	2 428 076	2 378 087	1 938 884
Watermelon	4 702 142	4 506 671	4 291 062	4 560 040
Cantaloupe	2 339 914	2 125 746	2 080 926	1 866 630
Mildew	2 139 718	2 513 257	3 128 311	2 875 604
Mushroom	160 968	145 847	160 334	148 674
Forest mushroom	1 978 750	2 367 410	2 967 977	2 726 929
Fruits	60 390 172	57 787 587	58 109 261	53 907 643
Banana	2 550 372	2 480 688	2 456 687	2 491 734
Pineapple	4 599 540	4 755 216	5 052 978	5 619 784
Ponkan	2 256 001	2 179 433	2 182 427	1 902 869
Wentan pomelo	1 756 943	1 394 078	1 513 146	1 191 677
Liucheng	1 493 195	1 620 877	1 695 489	1 498 148
Longan	2 386 426	1 983 648	2 259 139	2 163 039
Mango	4 490 142	4 635 224	4 640 673	4 480 693

agricultural production

Thousands of N.T. Dollars

2003	2004	2005	2006	2007	2008
357 884 755	386 444 326	382 726 113	376 993 825	388 294 769	417 501 076
147 274 670	162 300 578	162 630 935	172 691 533	168 368 459	179 108 569
28 341 530	27 510 620	28 139 682	29 379 921	26 091 341	31 362 747
7 530 270	7 778 155	7 458 138	7 998 832	6 274 954	7 307 213
772 511	684 460	627 307	560 363	508 274	559 343
1 216 619	1 134 660	1 201 570	1 133 884	1 110 750	1 171 698
1 618 381	2 368 183	2 599 989	2 441 407	2 000 871	2 553 790
3 276 397	2 971 116	2 478 388	3 324 721	2 101 358	2 464 073
245 589	179 570	116 553	66 252	68 525	35 442
329 547	374 576	371 663	411 847	426 942	460 430
8 527	7 011	5 328	4 672	3 687	3 517
7 570 335	7 116 479	7 420 437	8 117 544	7 879 550	8 284 282
1 205 967	923 837	655 805	576 237	554 713	546 763
766 880	543 014	674 735	677 675	531 977	501 659
2 997 869	3 028 748	3 760 540	4 352 679	4 499 869	4 844 785
871 664	911 272	455 254	370 599	299 736	321 918
34 643 006	40 728 442	42 625 447	44 027 684	46 971 791	48 514 048
805 093	887 448	979 684	841 687	942 273	949 756
1 724 735	2 338 144	4 749 871	4 256 938	3 720 957	4 044 663
1 777 085	1 792 128	1 529 610	1 972 940	2 126 233	2 111 081
1 137 506	1 295 269	1 488 546	1 427 278	1 660 924	1 851 783
3 278 519	3 258 146	3 213 410	4 230 301	5 950 859	6 223 127
1 946 159	2 557 365	2 845 032	3 082 021	3 489 946	3 374 816
3 359 187	3 306 918	2 443 611	2 481 386	2 649 278	2 540 941
1 957 596	2 250 429	1 728 389	1 913 219	1 368 948	1 346 172
2 777 719	2 986 614	2 857 846	2 980 841	3 191 408	3 662 672
146 504	253 934	276 326	264 410	279 738	276 568
2 631 216	2 732 679	2 581 519	2 716 432	2 911 670	3 386 104
55 232 236	63 654 193	62 300 900	67 665 646	65 595 349	68 146 840
2 027 628	3 015 618	3 271 740	3 749 844	3 299 602	4 536 205
6 654 407	7 730 286	7 697 767	8 356 999	6 675 357	6 498 808
1 791 283	2 222 145	2 003 960	2 268 213	2 023 342	2 114 469
1 284 345	1 498 255	1 850 496	1 986 418	1 857 819	1 633 471
2 045 746	2 008 388	1 977 240	2 168 139	2 015 906	2 287 126
2 355 206	2 687 361	2 816 447	2 875 406	2 769 603	3 169 370
4 961 546	5 903 157	6 074 843	6 400 061	6 792 447	6 626 867

Table 108. Value of major

Item	1999	2000	2001	2002
Betel nuts	13 943 198	13 775 438	13 206 057	12 168 968
Guava	2 260 791	2 184 112	2 318 641	1 995 089
Wax apple	2 485 839	1 683 746	2 238 010	1 950 244
Grape	2 856 826	2 534 993	2 380 484	2 396 205
Plum	817 069	910 358	784 162	653 961
Japanese apricot	2 298 104	2 520 017	2 042 405	1 130 448
Lichee	1 716 954	1 466 209	1 424 801	1 417 568
Pear	3 854 328	3 656 890	3 318 648	3 442 795
Papaya	2 225 202	2 051 295	2 062 004	1 518 009
Sugar apple	1 761 178	1 322 024	1 536 496	1 687 870
Forestry	591 034	268 820	597 494	862 545
Timber	303 625	82 863	107 238	146 377
Saw-timber	216 025	74 647	96 031	140 223
Firewood	6 190	6 854	8 573	5 698
Tree top wood	81 410	1 362	2 635	456
Bamboo	12 017	11 626	4 455	6 510
Fishery	90 436 892	90 728 516	90 128 416	92 562 606
Deep-sea fishery	48 914 010	47 179 642	46 659 957	45 745 524
Inshore fishery	13 429 176	13 065 601	12 193 237	12 385 929
Coastal fishery	4 284 732	4 544 135	4 315 518	4 551 036
Mariculture	3 388 202	3 550 237	3 343 174	3 611 131
Inland water fishing	28 558	26 200	30 202	29 929
Inland water aquaculture	20 392 213	22 362 701	23 586 328	26 239 057
Livestock	129 929 512	107 579 249	101 205 499	105 199 486
Cattle	936 700	847 775	714 835	918 814
Hogs	61 401 648	52 033 624	46 255 141	49 227 946
Goats, sheep	1 334 484	1 050 317	799 200	919 004
Chicken	35 333 705	26 655 579	27 271 501	27 678 882
Duck	3 888 785	2 814 437	2 928 077	3 219 518
Geese	1 921 234	1 755 355	1 668 041	1 784 572
Cow milk	7 223 505	7 621 431	7 389 567	7 581 869
Honey	785 363	700 680	331 038	484 566
Hen egg	12 708 466	10 396 147	10 233 200	9 713 691
Duck egg	1 354 905	1 143 500	1 190 019	1 232 771

agricultural production (continued)

Thousands of N.T. Dollars

2003	2004	2005	2006	2007	2008
12 926 283	11 512 433	10 080 945	9 838 625	8 599 766	8 651 698
1 785 668	2 032 113	2 098 646	2 416 396	2 225 783	2 778 974
2 038 477	2 094 944	2 702 705	2 270 869	2 664 019	2 492 179
2 505 728	2 956 107	2 538 435	3 833 885	3 738 353	3 809 507
590 314	661 555	598 640	512 783	542 430	690 034
1 077 480	1 225 701	813 996	904 343	818 730	799 320
1 719 070	2 221 825	2 274 826	2 581 886	2 941 758	2 896 173
3 236 646	4 058 360	3 904 824	4 033 099	4 700 904	4 822 569
1 156 470	1 536 628	1 486 386	2 094 379	1 951 197	2 358 977
1 426 013	2 809 450	2 531 049	2 720 159	2 916 713	2 879 343
579 935	523 844	614 203	518 773	492 622	445 114
99 768	123 024	175 359	227 971	104 457	109 667
78 091	108 046	155 110	213 967	90 830	100 653
21 593	14 937	20 168	13 957	11 262	8 956
84	41	81	47	2 364	59
4 984	4 363	5 247	4 241	6 514	19 925
97 437 860	98 700 494	92 811 267	85 658 209	94 743 630	91 843 193
47 201 835	46 983 079	43 602 060	41 419 202	47 818 387	43 706 858
12 628 769	13 397 416	12 634 600	9 679 224	8 612 292	9 376 801
5 935 759	6 747 529	5 295 572	5 931 433	5 478 128	5 069 824
4 343 792	3 326 110	3 980 526	4 063 897	4 587 107	4 300 366
29 545	14 960	13 538	7 709	14 838	16 123
27 298 160	28 231 400	27 284 971	24 556 743	28 232 877	29 373 221
112 592 290	124 919 410	126 669 708	118 125 310	124 690 058	146 104 200
1 329 068	1 413 148	1 688 140	1 574 074	1 597 305	1 398 365
57 487 739	64 366 131	58 811 138	55 476 552	57 003 312	68 596 020
995 632	1 211 393	1 239 851	1 162 570	836 828	875 185
25 033 246	29 771 472	34 014 012	30 508 520	32 825 003	37 727 084
2 897 276	3 520 105	5 090 467	4 691 446	5 082 438	5 470 791
1 877 289	2 367 641	2 037 340	1 870 766	1 903 568	2 201 904
7 534 983	6 446 753	6 030 475	6 637 805	7 024 399	7 121 227
741 863	623 378	822 464	647 088	418 661	613 615
11 180 705	11 618 327	13 099 355	12 174 944	14 184 915	18 179 776
1 258 196	1 259 721	1 452 895	1 193 555	1 567 644	1 804 865

Table 109. Production and consumption

Item	1999	2000	2001	2002
Production, total	1 409 302	1 358 166	1 381 364	1 260 753
Calcium superphosphate	192 018	261 400	258 121	201 319
Ammonium sulphate	363 705	448 441	447 712	435 115
Urea	109 690	-	-	-
Potassium chloride	-	-	-	-
Calcium ammonium nitrate	16 265	14 848	14 261	13 000
Combined fertilizers	640 107	545 271	575 904	527 253
Others	87 517	88 206	85 366	84 066
Consumption, total	1 213 310	1 257 699	1 294 910	1 248 294
Calcium superphosphate	122 598	137 792	164 316	143 076
Ammonium sulphate	299 556	334 657	341 877	323 116
Urea	161 544	178 367	128 509	127 158
Potassium chloride	62 507	61 621	58 300	50 775
Calcium ammonium nitrate	15 577	17 197	17 300	17 684
Combined fertilizers	543 246	518 813	570 688	565 892
Others	8 282	9 252	13 920	20 593

Table 110. Farm

Item	1999	2000	2001	2002
Power tiller	58 675	55 901	53 988	50 495
Tractor	14 290	14 592	14 288	14 357
Power rice trans-planter	27 238	27 269	25 019	23 361
Power cultivated for paddy	29 513	33 317	39 040	34 493
Power grass cutter	48 804	48 295	46 945	50 919
Power sprayers	79 565	78 482	79 788	84 140
High quality power sprayers	24 878	26 745	26 874	26 364
Water pump	108 265	103 920	102 317	98 167
Rice combiner	11 728	11 138	10 121	9 768
Corn thresher	1 761	1 721	1 292	1 242
Tractor mounted seeder	843	716	775	700
Power tiller mounted seeder	1 997	2 161	2 300	2 008
Power agronomic transporter	49 498	47 473	42 531	41 880
Power tea harvester	5 486	5 255	6 314	4 807
Tobacco drier	5 667	5 154	3 008	3 119
Rice drier	38 064	36 563	33 673	31 942
Corn drier	1 395	1 264	937	840

of chemical fertilizers

Metric tons

2003	2004	2005	2006	2007	2008
1 209 519	1 382 480	1 405 632	1 443 570	1 416 520	1 426 451
184 361	165 036	169 934	200 885	186 290	264 616
316 194	527 278	531 237	493 177	496 472	456 271
-	-	-	-	-	-
-	-	-	-	-	-
2 000	-	-	-	-	-
604 547	610 114	625 743	648 804	629 109	589 092
102 417	80 052	78 718	100 704	104 649	116 472
1 143 355	1 195 465	1 141 483	1 159 310	1 137 444	1 013 714
135 470	117 192	105 458	120 807	113 453	85 924
186 731	232 652	240 192	218 215	226 243	185 123
112 438	113 914	84 968	81 093	78 358	77 478
38 702	43 180	29 833	31 842	30 969	27 629
6 630	6 836	6 360	8 606	6 691	2 591
624 439	646 088	636 019	677 338	659 178	627 140
38 945	35 603	38 653	21 409	22 552	7 829

machine

Number

2003	2004	2005	2006	2007	2008
49 864	46 547	44 321	42 770	40 997	33 387
14 857	14 738	15 043	15 778	15 624	15 499
23 497	21 724	19 488	19 174	17 683	15 169
35 056	42 839	33 879	33 853	33 250	32 108
50 434	49 373	48 570	48 864	47 353	47 452
85 725	79 329	82 622	78 674	76 043	73 587
26 713	29 422	25 260	25 671	26 419	25 900
105 533	94 084	102 167	90 531	90 635	84 468
9 526	8 974	8 401	9 422	8 030	7 190
1 052	1 057	980	1 534	1 032	648
737	717	748	813	890	725
1 919	1 787	1 897	1 978	1 784	1 342
40 987	40 607	38 621	38 537	39 037	38 390
5 839	5 859	6 105	5 733	4 332	4 343
3 532	2 989	2 296	3 344	2 743	1 333
31 077	28 177	25 729	26 127	26 211	18 520
834	1 122	1 138	878	948	910

Table 111. Agricultural household,

Item	1999	2000	2001 ①	2002 ①
Number of farm households				
By degree of engagement	787 407	721 161	745 812	748 317
Full-time	122 788	129 449	148 245	164 414
Part-time	664 619	591 712	597 567	583 903
Full-owner farmers	674 893	601 922	611 382	613 269
Part-owner farmers	70 147	72 885	89 974	88 812
Tenants	37 526	42 166	39 674	41 533
Non-tilling farmers	4 841	4 188	4 782	4 703
Farm household population	3 747 157	3 669 166	3 782 682	3 782 489
Number of fishery households	135 508	134 561	130 628	134 059
Deep-sea	6 043	7 689	7 291	7 141
Inshore	34 356	31 095	29 281	34 144
Coastal	49 920	52 456	54 776	53 291
Mariculture	7 513	5 778	5 439	5 498
Inland water fishing	2 291	1 469	615	2 538
Inland water culture	35 385	36 074	33 226	31 447
Fishery household population	463 151	451 852	454 832	466 569
Deep-sea	21 411	23 802	21 967	21 464
Inshore	114 419	103 176	99 135	114 876
Coastal	170 425	174 946	187 662	182 643
Mariculture	28 049	23 852	22 875	23 458
Inland water fishing	10 256	4 168	2 489	4 498
Inland water culture	118 591	121 908	120 704	119 630
Agricultural employed population (1 000 persons)	776	740	706	709
Farming and hunting	705	669	648	646
Forestry	5	6	5	5
Fishery	66	65	52	59

population and employment

Numbers

2003	2004	2005	2006	2007 ^①	2008
755 454	759 716	767 316	756 366	751 338	...
207 739	186 869	166 056	166 439	161 817	...
547 715	572 847	601 260	589 927	589 521	...
642 648	643 731	671 740	655 830	648 813	...
75 580	80 992	52 517	60 211	74 789	...
32 168	30 037	39 074	36 412	23 835	...
5 057	4 956	3 985	3 913	3 901	...
3 528 331	3 392 676	① 3 400 036	3 232 592	3 050 483	...
132 238	132 832	131 020	125 328	123 807	132 583
5 477	5 568	5 767	5 898	5 896	5 498
31 456	31 075	31 569	28 119	27 313	28 476
51 202	52 376	52 892	51 996	50 009	61 754
4 206	6 334	6 790	5 812	5 992	5 481
4 216	4 038	2 287	2 461	3 664	3 683
35 681	33 441	31 715	31 042	30 933	27 691
494 871	457 040	445 693	421 253	415 706	420 586
20 884	19 527	20 972	21 369	21 356	20 629
109 646	105 562	102 077	89 796	83 429	92 162
205 729	184 037	176 713	176 029	175 379	195 674
22 095	23 590	25 711	22 834	22 281	22 912
7 190	6 722	7 201	6 842	6 869	7 711
129 327	117 602	113 019	104 383	106 392	81 498
696	642	591	555	543	535
629	588	535	500	497	478
5	4	5	5	5	5
62	50	51	50	41	52

Table 112. Available

Item	1996	1997	1998	1999	2000
Domestic production					
Cereals	1 979.2	1 999.8	1 716.4	1 738.3	1 693.3
Starchy roots	243.3	261.2	229.8	260.4	248.7
Sugars & honey	422.9	374.7	334.9	298.9	281.1
Pulses & oilseeds	103.1	101.5	80.4	77.0	88.1
Vegetables	2 563.8	2 543.5	2 430.9	2 949.2	2 738.2
Fruits	2 983.2	3 151.3	2 864.2	3 182.3	2 900.0
Meat	2 004.3	1 823.8	1 667.3	1 593.9	1 695.0
Eggs	383.1	427.9	430.2	434.5	433.8
Fish & sea food	1 256.8	1 331.2	1 364.1	1 379.8	1 364.3
Milk	346.9	363.4	371.3	370.1	388.1
Oils & fats	450.5	433.1	356.2	347.3	363.2
Wine & beer (1 000 H.L.)	6 144.7	6 071.8	6 426.8	6 488.5	6 417.7
Domestic supply					
Cereals	9 777.8	8 896.4	8 072.4	7 932.3	8 080.3
Starchy roots	1 482.5	1 783.2	1 652.6	1 732.2	1 804.7
Sugars & honey	...	...	...	...	...
Pulses & oilseeds	2 915.0	2 887.8	2 373.2	2 349.7	2 434.4
Vegetables	2 595.6	2 615.8	2 547.4	3 042.0	2 846.4
Fruits	3 354.1	3 598.6	3 282.1	3 626.8	3 357.5
Meat	1 791.2	1 818.5	1 841.4	1 833.2	1 877.5
Eggs	383.4	427.7	430.0	434.7	433.9
Fish & sea food	958.7	1 061.9	977.6	1 077.4	1 005.3
Milk	496.0	509.3	509.1	508.2	525.9
Oils & fats	691.7	704.5	626.7	714.0	681.6
Wine & beer (1 000 H.L.)	7 715.7	8 013.8	8 223.3	7 694.6	7 578.7
Per capita daily nutrient availability					
Energy (Kcal.)	3 053.7	3 135.0	2 973.5	3 048.3	3 021.8
Protein (Gm.)	98.6	101.8	95.9	98.0	96.7
Fat (Gm.)	126.7	131.0	121.0	127.1	123.7

food supplies

1 000 metric tons

2001	2002	2003	2004	2005	2006	2007
1 531.9	1 604.6	1 467.9	1 273.6	1 284.8	1 350.7	1 180.6
232.6	251.8	273.3	233.6	267.5	303.1	264.1
202.8	186.2	166.8	116.2	86.1	60.0	66.4
62.2	86.3	82.6	76.3	60.2	80.9	59.7
2 572.6	2 852.3	2 608.7	2 626.1	2 327.6	2 499.9	2 267.6
2 982.5	3 235.7	3 249.5	3 094.5	2 601.9	3 031.4	2 888.6
1 708.4	1 680.2	1 623.3	1 635.7	1 613.0	1 647.4	1 612.7
437.1	422.3	419.7	414.9	389.0	396.9	401.7
1 318.9	1 407.8	1 501.5	1 271.7	1 327.5	1 292.1	1 504.6
371.5	380.9	376.0	344.5	324.7	341.7	340.0
356.1	380.0	388.5	350.5	384.8	402.2	410.6
6 423.5	4 121.5	4 050.9	4 230.9	4 262.1	4 471.4	4 432.8
8 000.1	7 863.5	7 834.0	7 759.2	7 840.9	7 934.0	7 601.5
1 633.2	1 439.9	1 536.5	1 653.9	1 586.0	1 742.8	1 689.7
...	...	...	...	...	...	...
2 353.0	2 559.4	2 636.4	2 345.2	2 603.5	2 597.5	2 649.1
2 734.4	3 039.0	2 821.8	2 835.8	2 632.7	2 804.1	2 639.3
3 328.2	3 648.7	3 583.9	3 478.6	3 105.3	3 442.6	3 268.1
1 838.7	1 860.5	1 856.4	1 892.5	1 875.6	1 926.8	1 825.9
437.3	422.5	419.8	414.4	388.9	397.0	401.2
898.5	923.5	1 021.7	808.2	780.3	734.3	942.4
507.7	527.9	517.2	489.0	460.7	480.0	470.5
649.7	682.3	696.0	694.0	764.7	716.0	728.8
7 484.0	5 476.2	5 478.9	5 400.8	5 120.1	5 916.4	5 805.0
2 879.9	2 934.5	2 976.7	2 888.2	2 949.3	2 886.8	2 860.1
92.5	95.3	96.5	91.8	91.5	92.0	92.4
117.2	124.5	124.9	119.9	126.7	121.0	121.5

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

									Hectares
End of Year	Cultivated land							Forest land area	Aquacul- tural area
	Total	Paddy field			Upland field	Crop area	Long-term crop area		
		Sub-total	Double- cropping	Single- cropping					
						1 000 Hectares			
1979	915 393	515 290	368 001	147 289	400 103	1 494	339	1 865 141	60 460
1980	907 353	509 326	360 505	148 821	398 027	1 400	341	1 865 141	60 570
1981	900 062	502 822	354 036	148 786	397 240	1 398	338	1 865 141	60 830
1982	890 830	501 644	363 286	138 358	389 186	1 380	333	1 865 141	65 042
1983	894 326	500 901	352 818	148 083	393 425	1 334	323	1 865 141	67 497
1984	891 655	496 897	347 804	149 093	394 758	1 285	312	1 865 141	66 820
1985	887 660	494 535	346 362	148 173	393 125	1 257	303	1 865 141	65 980
1986	887 451	494 579	346 342	148 237	392 872	1 267	320	1 865 141	65 360
1987	886 281	487 809	345 281	142 528	398 472	1 261	304	1 865 141	66 302
1988	894 974	483 514	344 084	139 430	411 460	1 216	364	1 865 141	67 406
1989	894 601	479 954	340 359	139 595	414 647	1 184	366	1 865 141	54 958
1990	890 090	476 997	340 954	136 043	413 093	1 155	356	1 865 141	58 347
1991	884 443	472 759	333 448	139 311	411 684	1 127	354	1 846 970	58 327
1992	875 951	465 016	328 152	136 864	410 935	1 089	354	1 846 970	58 287
1993	874 535	463 560	329 660	133 900	410 975	1 077	363	1 866 208	56 526
1994	872 307	461 226	329 227	131 999	411 081	1 035	358	2 102 312	55 178
1995	873 378	459 335	329 106	130 229	414 043	1 036	357	2 102 312	55 868
1996	872 159	456 167	328 134	128 034	415 992	998	353	2 101 719	52 218
1997	864 817	454 865	324 867	129 998	409 952	995	345	2 101 719	48 501
1998	858 756	450 616	322 973	127 643	408 139	957	355	2 101 719	49 087
1999	855 073	444 456	321 139	123 317	410 616	931	335	2 101 719	49 207
2000	851 495	442 005	317 495	124 510	409 489	904	331	2 101 719	48 980
2001	848 743	438 974	315 544	123 430	409 769	877	321	2 101 719	49 266
2002	847 334	435 369	314 116	121 253	411 965	850	318	2 101 719	45 383
2003	844 097	432 949	319 021	113 928	411 148	797	312	2 101 719	45 727
2004	835 507	427 592	328 713	98 879	407 915	737	300	2 101 719	42 048
2005	833 176	425 667	328 836	96 831	407 510	760	296	2 101 719	41 718
2006	829 527	423 721	328 473	95 248	405 806	751	294	2 101 719	43 162
2007	825 947	422 177	327 552	94 625	403 769	738	291	2 101 719	41 588
2008	822 364	420 580	327 728	92 851	401 784	726	287	2 101 719	43 255

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

INDUSTRY

This chapter is concerned with statistical data on industries and energy. Data on industrial production and industrial production indices are obtained from statistical results of the monthly industrial and mining production, shipment and inventory survey contained in the Yearbook of *Industrial Production Statistics Monthly, Taiwan Area of the Republic of China* published by the Department of Statistical, Ministry of Economic Affairs. Statistics on energy demand, supply and production come mainly from the official statistics contained in the *Energy Statistics Monthly* and the *Taiwan Energy Statistics* published by the Energy Commission, the Ministry of Economic Affairs.

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

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

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

Table 114. Indexes of

2006 = 100

Items	1996	1997	1998	1999	2000
General	62.38	66.22	68.47	73.51	78.44
Mining & quarrying	150.76	150.69	141.44	130.09	119.10
Energy mining	198.15	185.76	187.40	184.38	160.83
Quarrying	120.06	126.06	130.69	112.74	106.86
Other mining	134.38	58.93	44.93	52.55	52.51
Manufacturing	60.11	64.46	66.51	71.69	77.31
Food	123.27	111.95	103.63	102.30	107.00
Beverages	126.92	127.54	129.84	134.11	130.69
Tobacco	164.85	167.14	153.94	140.21	129.91
Textile mills	122.34	129.23	133.91	139.37	140.92
Apparel, clothing & accessories	293.35	282.46	285.81	270.97	240.90
Leather, furs & related products	220.77	195.93	168.76	157.46	147.27
Wood & bamboo products	206.69	210.07	193.02	182.13	167.54
Pulp paper & paper products	87.27	91.12	91.37	94.64	96.89
Printing & reproduction of recorded media	59.08	62.06	70.10	69.17	73.81
Petroleum & coal products	46.82	48.67	50.65	54.99	58.37
Chemical materials	56.75	60.35	61.99	67.94	72.47
Chemical products	83.59	91.33	90.24	93.72	96.15
Medical goods	84.39	87.52	90.26	93.75	95.42
Rubber products	99.10	98.90	94.74	93.46	90.55
Plastic products	109.19	113.13	106.92	114.54	115.12
Non-metallic mineral products	100.70	104.88	102.75	98.87	99.50
Basic metal	62.90	76.71	79.24	85.25	88.21
Fabricated metal products	103.25	107.49	106.92	112.16	110.94
Electronic parts & components	22.63	25.21	27.55	33.30	42.99
Computer, elec. & optical products	47.97	56.87	66.65	74.11	85.23
Electrical equipment	93.73	101.20	105.68	124.38	121.38
Machinery & equipments	69.27	74.91	70.86	74.45	79.56
Motor vehicles & parts	82.64	84.89	87.95	80.11	84.72
Other transport equipments	90.22	92.11	89.06	82.91	83.03
Furniture	177.93	180.29	175.20	185.17	191.44
Other industrial products	114.16	113.64	104.90	103.58	107.97
Electricity, and gas supply	65.10	69.26	74.89	77.34	82.42
Water supply	76.26	78.23	82.47	85.97	98.01
Construction of building	133.39	111.83	112.45	119.88	102.32

industrial production

2001	2002	2003	2004	2005	2006	2007	2008
71.84	77.20	84.22	92.05	95.51	100.00	107.77	105.85
119.99	130.13	120.88	116.20	105.28	100.00	82.96	79.07
183.28	189.06	179.76	165.83	119.47	100.00	89.27	76.72
97.22	110.25	100.00	98.54	100.11	100.00	80.43	79.61
61.04	61.43	68.87	88.55	109.16	100.00	109.31	110.95
70.34	76.62	83.94	92.31	95.69	100.00	108.34	106.65
107.05	104.44	103.08	100.36	101.09	100.00	100.71	98.15
130.02	96.04	99.55	97.28	98.96	100.00	99.14	99.01
137.07	119.54	126.38	100.50	106.17	100.00	105.56	106.33
124.82	121.52	115.79	118.46	103.60	100.00	99.30	87.87
183.88	161.48	143.89	132.37	110.98	100.00	89.42	72.49
115.05	119.75	116.31	118.54	114.07	100.00	88.58	79.30
154.14	129.65	118.82	113.73	102.81	100.00	89.26	78.98
88.54	93.42	102.11	105.67	104.06	100.00	101.45	95.99
72.15	72.82	84.56	95.10	102.67	100.00	99.74	99.32
66.67	75.25	86.96	101.90	106.01	100.00	101.32	92.13
78.13	85.18	92.40	98.56	98.07	100.00	112.04	103.14
85.41	89.91	93.11	101.21	96.48	100.00	101.19	91.87
92.20	88.53	95.53	102.11	100.62	100.00	107.96	109.50
81.65	91.63	98.90	107.34	102.46	100.00	104.40	101.20
105.82	109.63	110.88	113.58	106.99	100.00	99.30	89.98
91.27	95.83	98.40	101.98	101.01	100.00	97.81	90.17
80.01	88.72	92.60	97.63	93.42	100.00	100.46	91.42
94.70	97.87	99.10	102.36	99.05	100.00	98.87	94.06
34.58	42.69	53.32	64.30	81.41	100.00	123.52	134.87
85.72	92.18	98.20	101.01	103.02	100.00	107.89	109.79
101.23	111.12	116.14	118.94	109.29	100.00	92.37	87.35
66.28	71.88	79.82	91.83	95.46	100.00	107.80	100.53
71.35	88.40	101.48	118.06	122.26	100.00	97.49	79.07
71.99	75.04	77.95	95.04	102.96	100.00	107.35	117.18
131.13	109.95	97.73	103.68	100.10	100.00	104.11	96.86
94.50	98.48	100.59	103.41	103.41	100.00	102.56	99.71
83.02	86.99	90.71	93.74	97.72	100.00	102.97	101.11
100.16	94.94	97.00	96.72	97.25	100.00	100.29	98.50
90.87	72.10	78.60	82.36	91.73	100.00	99.52	90.30

Table 115. Indexes of

2006 = 100

Items	1996	1997	1998	1999	2000
Indexes of manufacturing production	60.11	64.46	66.51	71.69	77.31
By four industries					
Metal & machinery industry	78.19	85.78	85.76	88.36	90.72
Information & electron industry	31.51	35.81	40.20	47.02	56.59
Chemistry industry	65.46	68.38	68.80	73.35	76.21
Food, textile & other industries	124.10	123.14	120.22	120.96	122.18
By public or private					
Public	90.43	92.35	93.98	98.14	94.74
Private	58.44	62.87	64.93	70.13	76.41
By heavy or light industries					
Light industries	119.39	119.02	115.79	116.80	117.47
Heavy industries	47.55	52.68	55.65	61.49	68.23
By usage					
Final demand goods	84.00	88.11	90.78	94.98	99.05
Investment goods	64.90	73.96	82.12	89.99	94.04
Capital goods	56.29	66.84	76.64	87.06	92.70
Construction materials	103.39	104.96	105.00	100.31	98.49
Consumer goods	102.95	101.65	98.35	98.54	102.63
Durable goods	90.28	92.36	91.01	90.47	96.30
Non-durable goods	107.09	104.44	100.38	100.85	104.38
Producer goods	50.17	54.60	56.39	61.95	68.21
For mining & M.F.G. goods	51.12	55.97	57.96	63.82	70.75
Other producer goods	51.03	51.12	50.73	54.03	55.65
By intensity					
Labor					
High intensity	77.89	80.96	81.29	87.71	91.10
Medium intensity	42.61	46.79	51.36	57.52	61.43
Low intensity	57.21	62.48	63.78	67.00	76.33
Capital					
High intensity	51.67	55.45	56.21	58.67	65.14
Medium intensity	67.07	72.22	75.42	84.05	89.23
Low intensity	98.31	102.40	107.62	111.28	113.65
Energy					
High intensity	66.35	72.35	74.42	79.12	83.02
Medium intensity	59.81	62.41	61.29	63.95	67.54
Low intensity	54.29	58.62	62.85	70.04	78.54
Human capital					
High intensity	36.66	41.56	44.82	49.99	57.13
Medium intensity	80.98	85.47	86.86	92.41	96.19
Low intensity	136.42	133.02	126.63	127.53	126.74
Indexes of producer's shipment	62.09	67.23	68.80	73.13	78.57
Indexes of producer's inventory	79.58	81.11	89.16	86.27	90.95

manufacturing

2001	2002	2003	2004	2005	2006	2007	2008
70.34	76.62	83.94	92.31	95.69	100.00	108.34	106.65
78.29	85.23	90.45	99.13	98.24	100.00	101.78	94.42
48.64	56.91	66.86	76.42	88.16	100.00	117.66	125.68
77.99	84.53	92.60	101.91	101.02	100.00	106.37	98.44
111.84	107.63	105.98	105.82	102.22	100.00	99.68	93.90
93.20	85.64	93.94	104.66	106.76	100.00	100.35	93.03
69.02	76.31	83.60	91.83	95.26	100.00	108.65	107.17
106.19	104.26	104.82	107.10	103.43	100.00	99.67	94.10
62.23	70.37	79.24	88.99	93.95	100.00	110.28	109.46
90.59	92.99	96.86	102.45	102.46	100.00	101.60	97.40
85.29	88.66	89.49	97.14	97.49	100.00	106.11	103.32
85.11	87.31	89.37	96.31	97.17	100.00	110.46	109.78
85.50	93.17	89.46	99.73	98.47	100.00	92.64	83.32
94.36	96.10	102.02	106.24	106.00	100.00	98.38	93.17
80.87	92.46	108.08	117.89	119.87	100.00	92.40	85.37
98.44	97.00	99.78	102.18	101.17	100.00	100.47	95.89
61.86	69.75	78.51	88.03	92.83	100.00	111.18	110.55
62.32	70.18	78.75	87.61	92.49	100.00	111.36	110.83
65.00	73.91	85.19	100.91	103.16	100.00	105.59	102.11
77.60	83.85	93.02	103.00	101.94	100.00	101.32	97.33
55.87	63.53	70.36	79.98	89.54	100.00	116.23	119.15
74.83	79.82	85.62	91.12	94.29	100.00	109.25	106.54
62.74	69.46	76.59	85.77	91.58	100.00	112.00	111.90
77.96	84.35	92.61	100.78	101.13	100.00	103.88	100.11
95.87	98.63	102.37	106.56	102.75	100.00	96.07	91.33
78.62	85.36	93.17	99.70	97.95	100.00	103.45	95.44
57.41	63.51	71.47	82.16	89.29	100.00	111.04	111.66
72.22	78.10	84.32	92.07	98.03	100.00	111.44	114.63
53.65	60.85	69.39	80.14	90.65	100.00	115.27	119.17
85.63	90.92	97.07	101.87	99.62	100.00	102.60	96.46
110.02	110.66	110.33	111.90	104.11	100.00	100.66	90.68
71.10	76.76	82.62	90.28	95.77	100.00	107.88	105.79
96.30	88.37	89.50	93.27	100.79	100.00	101.05	110.83

Table 116. Production of major

Items	Unit	1999	2000	2001
Frozen meat & frozen prepared food	M.T.	385 671	394 317	371 279
Prepared animal feeds	M.T.	5 820 238	5 394 522	5 455 667
Wine & liquor (exclude beer)	HL.	2 481 986	2 507 449	2 482 423
Fruit & vegetable juice	1 000 Liter	319 784	317 980	334 941
Carbonated beverage	1 000 Liter	461 032	436 897	442 241
Man-made fibers spun yarn	M.T.	485 923	439 565	360 349
Cotton fabrics	1 000 M ²	1 061 736	1 059 629	831 566
Polyester textured yarm fabric	1 000 M ²	2 210 032	2 358 133	1 986 054
Non-woven fabrics	M.T.	147 963	154 842	160 404
Paperboard	M.T.	3 073 545	3 233 864	2 590 530
Toilet soap	M.T.	8 941	7 822	7 469
Synthetic detergent	M.T.	132 690	128 728	116 498
Automobile tire	1 000 Pcs.	17 024	17 558	16 790
Sheet glass	M.T.	432 321	456 600	375 561
Ceramic tiles	1 000 M ²	92 349	71 532	47 260
Cement	M.T.	18 283 162	17 572 303	18 127 570
Steel bloom & billet	M.T.	15 454 856	16 464 730	16 642 706
Re-bar	M.T.	6 246 769	6 737 839	6 283 554
Aluminium & aluminium alloy ingots	M.T.	352 222	230 554	203 944
Integrated circuit	1 000 Pcs.	2 005 135	2 467 386	2 263 407
Printed circuit board	1 000 Ft ²	367 093	449 991	382 152
Light emitting diode	1 000 Pcs.	2 719 658	2 781 723	1 955 309
Portable computer	Set	9 952 710	13 059 784	14 130 083
LCD displayer	Set	1 023 113	2 307 485	5 129 037
Telephone set.	Set	6 639 539	4 722 353	1 910 975
Mobile phone	Set	777 419	4 761 392	9 654 198
Refrigerator	Set	413 931	409 573	420 460
Washing machine	Set	304 805	294 724	261 903
Electric fan	Set	18 684 082	16 133 897	15 644 262
Nc lathe & general lathe	Set	13 143	16 126	10 290
Milling machine	Set	16 723	22 748	16 594
Sawing machine	Set	50 373	54 121	34 799
Press machine	Set	5 211	6 473	4 625
Sewing machines	Set	2 741 920	2 827 001	2 542 874
Passenger car	Set	246 943	263 244	197 657
Truck, bus & commercial van	Set	94 708	105 084	69 490
Engine part for motor vehicles	Million NT\$	11 044	11 665	10 357
Bicycle	Set	7 228 259	7 193 194	4 746 535
Wood furniture & fixtures	Million NT\$	20 864	19 092	13 139
Golf equipment	Million NT\$	12 279	16 119	13 079
Toy & doll	Million NT\$	8 642	9 147	9 472

manufactured goods

2002	2003	2004	2005	2006	2007	2008
387 198	379 327	375 761	431 292	438 974	454 385	437 622
5 336 389	5 311 748	5 188 385	5 218 070	5 182 519	5 108 919	5 164 524
562 252	482 489	447 568	397 992	371 752	367 976	361 572
369 307	364 924	349 837	329 010	300 712	307 237	356 260
429 455	436 088	383 264	383 796	344 789	336 520	312 115
316 039	308 790	279 786	237 378	208 341	223 596	185 114
793 071	659 143	650 749	508 877	459 790	417 518	350 019
1 860 517	1 736 776	1 631 021	1 380 857	1 219 131	1 394 570	1 185 295
161 173	162 122	161 325	149 264	153 769	145 622	155 042
3 235 255	3 403 838	3 554 986	3 377 999	3 350 646	3 406 476	2 909 620
6 951	7 530	8 227	6 802	6 555	5 879	5 481
114 712	105 491	99 264	103 811	97 924	99 713	61 705
19 179	22 275	23 451	23 225	22 316	23 592	21 361
403 302	412 100	458 020	483 885	509 359	632 188	577 134
39 598	46 108	52 299	53 085	52 889	49 056	39 380
19 362 884	18 474 193	19 049 935	19 890 989	19 293 803	18 957 336	17 330 277
17 698 119	18 304 266	18 656 228	17 738 265	19 423 355	19 838 659	19 222 129
7 274 269	6 242 350	6 586 521	6 800 478	7 408 582	6 211 221	5 184 423
225 264	224 497	274 653	250 717	250 592	277 886	261 277
2 298 908	2 492 403	2 832 420	2 988 512	3 267 425	5 033 385	5 577 597
480 160	562 183	559 392	641 844	685 488	692 962 167	716 349 250
5 186 585	6 276 806	6 927 494	9 294 939	11 722 524	15 828 203	18 368 286
14 346 492	10 344 208	6 628 142	4 415 887	3 050 526	1 261 776	760 571
4 540 774	3 968 856	3 421 815	2 280 248	1 412 556	1 225 793	849 432
1 078 593	1 228 224	1 290 200	927 461	986 421	686 962	514 416
21 887 249	32 096 558	32 760 058	36 087 891	28 109 709	22 668 964	25 692 606
493 565	561 693	595 986	461 005	448 582	462 086	336 321
296 805	312 955	339 553	313 547	307 371	333 960	304 237
14 582 878	12 868 315	10 985 171	8 547 215	6 901 593	7 114 536	5 267 798
12 601	16 970	23 074	24 612	22 543	24 448	22 265
12 830	14 330	15 106	13 672	12 975	12 728	11 305
46 204	53 475	56 721	59 915	55 617	60 046	48 536
6 047	7 199	8 585	6 909	6 978	6 421	4 568
2 328 861	2 000 906	1 988 263	1 762 614	1 490 264	1 356 491	1 415 710
253 482	318 885	345 323	363 562	234 437	213 136	137 559
73 863	70 000	79 639	76 889	66 957	68 759	41 465
11 773	11 871	13 873	13 417	11 549	12 466	12 133
4 674 604	4 615 954	4 948 505	4 867 944	4 415 365	5 120 452	6 131 659
11 219	9 375	9 103	7 989	7 780	7 845	7 457
13 079	13 083	12 403	14 782	11 166	11 589	9 879
8 825	9 083	9 877	8 864	8 314	7 862	6 233

Table 117.

Items	1997	1998	1999	2000	2001
Total supply	88 575	92 201	97 443	104 463	109 103
Indigenous energy	1 537	1 641	1 512	1 347	1 450
Crude oil (Liquids)	51	54	47	37	41
Natural gas (Gas)	850	869	846	739	840
Hydropower (Electricity)	501	593	483	437	488
Solar power	66	70	73	77	81
Imports	87 039	90 561	95 930	103 116	107 653
Coal & coal products	26 663	27 211	30 018	33 056	35 605
Crude oil & petroleum products	45 245	47 066	49 031	52 529	54 941
L.N.G.	4 627	5 619	5 756	6 382	6 830
Nuclear power	10 504	10 664	11 125	11 150	10 277
Total demand	88 575	92 201	97 443	104 463	109 103
Domestic consumption	76 456	81 076	85 599	93 192	98 743
Energy use	65 861	69 596	73 664	80 765	86 613
Non-energy use	2 828	3 132	3 415	3 408	2 371
By energy form					
Coal & coal products	6 241	6 715	6 402	7 061	7 694
Petroleum products	31 985	32 458	34 625	36 638	40 426
Natural gas	2 731	2 775	2 600	2 631	2 529
Electricity	35 433	39 057	41 898	46 784	47 988
Solar power	66	70	73	77	81
Exports	3 679	2 252	2 518	2 644	4 906
International marine bunkers	3 058	3 383	4 396	3 995	2 886
Change in stocks	1 620	514	862	315	-507
Transfers	-381	-317	-219	-167	-227
Statistical difference	360	417	328	309	-412
Transformation input	74 427	81 279	85 332	92 293	96 015
Transformation output	73 266	79 166	84 009	90 700	94 922
Loss	1 859	2 129	2 197	2 249	2 167
Consumption per capita (LOE)	3 543	3 723	3 899	4 212	4 432

Energy10³ K.L. Oil Equivalent

2002	2003	2004	2005	2006	2007	2008
114 355	122 265	135 713	136 957	139 909	147 243	142 475
1 280	1 248	1 219	1 061	1 001	1 000	947
51	46	45	32	24	18	16
877	822	772	541	458	412	353
266	290	307	381	391	422	412
84	88	93	98	102	105	110
113 075	121 017	134 494	135 896	138 907	146 242	141 527
37 729	39 731	43 773	43 541	45 080	47 318	46 187
56 191	61 993	69 387	70 468	71 100	75 249	70 451
7 701	8 031	9 897	10 310	11 181	11 935	13 067
11 455	11 262	11 436	11 576	11 547	11 740	11 823
114 355	122 265	135 713	136 957	139 908	147 243	142 475
101 802	105 484	110 028	112 614	115 399	121 212	117 686
89 801	92 858	97 450	99 378	101 790	107 137	105 451
2 617	2 945	2 602	2 856	2 913	3 541	2 697
8 321	8 465	8 457	8 201	8 937	9 764	9 056
41 043	42 618	44 737	45 010	44 768	47 979	45 526
2 593	2 419	2 529	2 561	2 574	2 686	2 777
49 732	51 861	54 178	56 627	58 852	60 471	60 055
84	88	93	98	102	105	110
6 846	11 162	14 784	16 554	16 170	19 307	18 980
2 790	3 430	2 772	2 798	2 683	2 401	2 068
- 1 900	- 2 001	3 271	718	1 971	177	1 246
-332	-298	-158	-190	-38	10	33
413	134	494	-1011	-620	-144	-698
100 235	109 282	118 936	124 766	125 187	127 206	122 204
98 472	107 769	116 985	122 070	123 465	125 389	121 211
2 309	2 245	2 256	2 398	2 545	2 483	2 232
4 545	4 689	4 874	4 971	5 075	5 310	5 138

Table 118. Construction of building

Thousand M²

Year	Indexes of buildings construction 2006 = 100	Construction of building					
		Total	By materials				
			Concrete	Steel & reinforced concrete	Brick	Wood	Others
1979	78.55	28 761	22 605		5 612	21	523
1980	95.64	35 284	25 778		8 524	57	925
1981	105.78	38 892	29 047	357	8 300	20	1 168
1982	73.52	26 919	20 624	199	5 097	18	981
1983	70.00	24 987	19 119	774	3 927	17	1 150
1984	78.24	27 191	19 662	1 861	4 390	19	1 259
1985	78.52	28 113	21 184	894	4 687	22	1 326
1986	71.13	25 959	20 146	204	4 322	19	1 268
1987	68.97	25 179	19 517	217	3 849	24	1 572
1988	81.77	29 766	23 113	333	4 115	33	2 172
1989	86.99	31 256	25 263	476	3 169	22	2 326
1990	87.53	31 275	26 078	368	2 782	34	2 013
1991	90.61	32 003	26 900	921	2 071	23	2 088
1992	106.15	36 922	31 495	1 727	1 572	66	2 062
1993	136.08	47 501	41 479	1 306	1 617	73	3 026
1994	168.60	58 159	51 580	2 589	1 510	61	2 419
1995	161.60	55 263	50 030	2 853	988	32	1 360
1996	133.39	45 709	40 261	3 006	871	19	1 552
1997	111.83	38 462	32 777	3 064	718	32	1 871
1998	112.45	38 683	32 873	3 150	666	53	1 941
1999	119.88	41 240	34 584	3 721	596	58	2 281
2000	102.32	35 024	27 742	4 388	566	86	2 242
2001	90.87	31 168	21 638	5 318	962	123	3 127
2002	72.10	24 386	17 209	4 890	493	67	1 727
2003	78.60	26 497	19 539	5 110	254	75	1 519
2004	82.36	27 873	22 548	4 177	206	75	867
2005	91.73	31 027	25 511	4 494	191	47	784
2006	100.00	36 202	29 998	5 942	204	25	33
2007	99.52	36 056	29 447	6 336	205	33	35
2008	90.30	32 711	26 907	5 538	218	20	28

COMMERCE AND EXTERNAL TRADE

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

Imports and exports refer to cargoes going in and out in Taiwan Area. Landings overseas by fishing boats of our country as well as sales of fuel to foreign vessels and aircraft at ports of our country had not been included in the exports until 1970. The day when cargoes cleared by a customs service office for loading is considered as the date of the exports, and export shipments are priced on a free-on-board (F.O.B.) basis. The countries which cargoes are declared shipped to are the destinations of exports. If several destinations are declared for a shipment, the first one where the cargo reached is treated as the destination of the shipment. The day when imports are cleared by the customs service office is the date of the imports. Imports are priced on a cost-insurance-freight (C.I.F.) basis, and the producing country is the origin of the imports. Trade indices, compiled from a sample of 1,921 export items and 1,992 import items, can be classified into five categories and their formulas as follows:

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

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.

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

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 (%)	
1979	579 299	16 103	23.6	532 928
1980	712 195	19 811	22.9	711 433
1981	829 756	22 611	16.5	778 633
1982	864 248	22 204	4.2	736 084
1983	1 005 422	25 123	16.3	813 904
1984	1 204 697	30 456	19.8	870 861
1985	1 223 019	30 726	1.5	801 847
1986	1 507 044	39 862	23.2	917 033
1987	1 707 608	53 679	13.3	1 113 871
1988	1 731 804	60 667	1.4	1 423 101
1989	1 747 800	66 304	0.9	1 385 720
1990	1 802 783	67 214	3.1	1 471 803
1991	2 051 049	76 563	13.4	1 698 335
1992	2 064 353	82 122	0.6	1 825 784
1993	2 261 835	85 957	9.6	2 043 494
1994	2 489 032	94 300	10.0	2 270 895
1995	2 994 173	113 342	20.3	2 755 095
1996	3 221 533	117 581	7.6	2 830 309
1997	3 541 490	124 170	9.9	3 291 194
1998	3 706 473	112 595	6.2	3 522 508
1999	3 986 374	123 733	6.0	3 592 789
2000	4 729 286	151 950	18.6	4 391 226
2001	4 254 285	126 314	- 10.0	3 644 181
2002	4 670 404	135 317	9.8	3 918 415
2003	5 172 958	150 601	10.8	4 409 978
2004	6 097 235	182 370	17.9	5 656 672
2005	6 374 496	198 432	4.5	5 877 163
2006	7 279 318	224 017	14.2	6 604 337
2007	8 087 934	246 677	11.1	7 211 791
2008	8 010 379	255 629	- 1.0	7 551 084

Note: ¹ From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations "International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004". Under IMTS Criteria, the data of re-exports and re-imports of each Classification are included in their relevant total exports/imports, respectively. The historical data of 1991 to 2005 have been revised on this table.

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

external trade

Imports		Balance		Exchange rate (US\$ per NT\$)	
Million of US\$	Annual change (%)	Million of NT\$	Million of US\$	Exports	Imports
14 774	30.5	46 371	1 330	35.97	36.07
19 733	33.5	762	77	35.95	36.05
21 200	9.4	51 123	1 412	36.70	36.73
18 888	- 5.5	128 164	3 316	38.92	38.97
20 287	10.6	191 518	4 836	40.02	40.12
21 959	7.0	333 836	8 497	39.55	39.66
20 102	- 7.9	421 172	10 624	39.80	39.89
24 181	14.4	590 011	15 680	37.81	37.92
34 983	21.5	593 737	18 695	31.81	31.84
49 673	27.8	308 703	10 995	28.55	28.65
52 265	- 2.6	362 080	14 039	26.36	26.51
54 716	6.2	330 980	12 498	26.82	26.90
63 142	15.2	352 714	13 421	26.79	26.90
72 353	7.5	238 569	9 770	25.14	25.23
77 393	11.9	218 341	8 564	26.31	26.40
85 698	11.1	218 137	8 602	26.39	26.50
104 012	21.3	239 078	9 330	26.42	26.49
102 922	2.7	391 224	14 659	27.40	27.50
114 955	16.3	250 296	9 215	28.52	28.63
105 230	7.0	237 965	7 366	33.40	33.47
111 196	2.0	393 585	12 537	32.22	32.31
140 732	22.2	338 060	11 218	31.12	31.20
107 971	- 17.0	610 104	18 344	33.68	33.75
113 245	7.5	751 989	22 072	34.51	34.60
128 010	12.5	762 980	22 590	34.35	34.45
168 758	28.3	440 563	13 613	33.43	33.52
182 614	3.9	497 333	15 817	32.12	32.18
202 698	12.4	674 981	21 319	32.49	32.58
219 252	9.2	876 143	27 425	32.79	32.89
240 448	4.7	459 295	15 181	31.34	31.40

Table 120. Indexes of external trade

2006 = 100

Year	Value index		Quantum index		Unit value index		Net terms of trade	Income terms of trade
	Exports	Imports	Exports	Imports	Exports	Imports		
1989	25.23	21.10	48.99	38.44	51.50	54.89	93.82	45.96
1990	26.03	22.40	50.00	39.84	52.06	56.23	92.58	46.29
1991	29.46	25.74	55.37	44.83	53.21	57.42	92.67	51.31
1992	29.56	27.66	58.34	50.14	50.67	55.17	91.84	53.58
1993	32.32	30.98	60.51	52.34	53.41	59.19	90.23	54.60
1994	35.46	34.43	63.97	52.74	55.43	65.28	84.91	54.32
1995	42.58	41.76	66.79	57.79	63.75	72.26	88.22	58.92
1996	45.86	42.86	69.44	58.46	66.04	73.31	90.08	62.55
1997	50.26	49.87	74.56	67.97	67.41	73.37	91.88	68.50
1998	53.32	53.34	75.48	70.82	70.64	75.32	93.79	70.79
1999	56.56	54.45	78.22	72.76	72.31	74.84	96.62	75.58
2000	66.65	66.51	84.41	80.07	78.96	83.07	95.05	80.23
2001	59.74	55.10	71.86	71.37	83.13	77.20	107.68	77.38
2002	65.08	59.28	78.23	77.05	83.19	76.94	108.12	84.58
2003	71.50	66.74	80.17	82.30	89.18	81.09	109.98	88.17
2004	83.99	85.67	85.80	95.16	97.89	90.03	108.73	93.29
2005	87.84	88.98	91.71	97.38	95.78	91.37	104.83	96.14
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	111.11	109.20	107.77	102.60	103.10	106.43	96.87	104.40
2008	110.04	114.34	104.13	97.67	105.68	117.07	90.27	94.00

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
1989	0.7	3.9	95.4	16.4	72.1	11.5
1990	0.6	3.8	95.5	17.5	70.5	12.0
1991	0.7	4.0	95.3	16.7	72.4	10.9
1992	0.6	3.7	95.7	17.9	69.3	12.8
1993	0.6	3.5	95.9	16.8	70.2	12.8
1994	0.5	3.6	95.9	15.9	70.6	13.4
1995	0.4	3.4	96.2	16.3	72.0	11.7
1996	0.4	3.1	96.5	17.9	69.0	13.1
1997	0.3	1.8	97.9	19.1	67.3	13.6
1998	0.3	1.4	98.2	23.0	63.3	13.7
1999	0.3	1.3	98.4	25.8	63.9	10.3
2000	0.2	1.2	98.6	28.0	63.4	8.6
2001	0.2	1.3	98.4	25.0	65.0	10.0
2002	0.3	1.3	98.5	23.1	67.1	9.9
2003	0.3	1.2	98.6	20.5	70.1	9.4
2004	0.2	1.1	98.6	21.4	70.4	8.2
2005	0.2	1.1	98.7	19.0	72.4	8.6
2006	0.2	0.8	99.0	17.0	75.4	7.6
2007	0.2	0.8	99.1	16.2	76.5	7.3
2008	0.2	0.9	98.9	13.6	79.3	7.1

Table 122. Exports by

Country or area of region	1994	1995	1996	1997	1998	1999
Total	93 048 783	111 658 800	115 942 064	122 080 673	112 595 448	123 733 345
Asia	45 943 958	58 666 022	60 753 894	61 543 747	51 289 701	60 656 250
Hong Kong	21 262 326	26 105 855	26 787 641	28 688 053	25 398 248	26 825 264
Japan	10 221 109	13 156 727	13 658 783	11 691 036	9 438 826	12 042 837
Korea, Rep. of	1 740 090	2 571 771	2 661 602	2 365 903	1 509 573	2 645 415
Singapore	3 365 837	4 404 987	4 573 182	4 894 589	3 359 182	3 946 906
Thailand	2 440 238	3 071 726	2 789 603	2 562 108	2 005 672	2 194 685
Mainland China	131 634	376 614	623 379	626 480	914 872	2 602 091
Middle and Near East	1 914 090	2 191 685	2 461 321	2 763 204	2 566 248	2 228 219
Kuwait	83 007	90 197	95 618	94 535	80 804	69 006
Saudi Arabia	456 420	449 864	467 522	490 969	418 879	383 191
Europe	12 927 365	15 725 252	16 944 831	18 415 323	19 807 392	20 458 135
France	961 322	1 203 547	1 305 987	1 394 261	1 417 878	1 594 406
Germany	3 251 303	3 839 174	3 644 109	3 690 558	4 107 201	4 098 634
Italy	813 141	1 004 060	1 080 322	1 130 375	1 366 136	1 335 511
United Kingdom	2 172 524	2 408 718	2 807 366	3 278 220	3 304 758	3 873 172
Africa	1 361 078	1 631 060	1 551 261	1 528 276	1 464 452	1 300 413
Nigeria	107 967	122 964	115 755	132 013	132 454	145 839
North America	25 796 535	27 838 364	28 265 202	31 150 760	31 552 668	33 100 128
Canada	1 458 206	1 429 521	1 397 373	1 598 162	1 592 365	1 759 948
U.S.A.	24 336 757	26 407 389	26 866 357	29 551 755	29 959 134	31 339 373
Central and South America	2 614 797	2 768 017	2 901 938	3 585 834	3 229 711	2 946 951
Mexico	556 991	393 711	470 164	634 645	785 301	907 581
Panama	480 803	245 327	177 678	388 838	209 613	143 242
Brazil	435 977	775 494	857 729	912 271	676 389	471 306
Oceania	1 962 349	2 118 938	2 250 699	2 283 443	2 001 599	2 204 833
Australia	1 632 446	1 755 641	1 836 932	1 872 960	1 640 570	1 854 738
Others	528 611	719 462	812 918	810 086	683 677	838 416

Note: From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations 'International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004. Under IMTS Criteria, the data of re-exports and re-imports of each Classification are include

regions and principal countries (areas)

Thousands of U.S. Dollars

2000	2001	2002	2003	2004	2005	2006	2007	2008
151 949 756	126 314 288	135 316 743	150 600 472	182 370 384	198 431 651	224 017 271	246 676 931	255 628 690
79 130 927	67 201 034	78 070 207	91 037 474	115 163 062	129 053 484	146 758 727	164 346 202	169 521 279
32 741 718	28 712 715	32 959 608	30 868 284	32 896 214	34 035 551	37 381 238	37 979 705	32 689 899
16 887 176	13 024 452	12 368 037	12 429 909	13 808 010	15 110 778	16 300 328	15 933 592	17 555 991
4 002 304	3 372 790	3 963 639	4 710 279	5 629 770	5 877 373	7 154 199	7 794 043	8 705 814
5 637 065	4 220 861	4 622 938	5 274 598	6 747 337	8 042 240	9 279 613	10 501 439	11 675 814
2 652 616	2 197 047	2 367 314	2 639 593	3 317 874	3 820 310	4 576 627	5 199 643	4 906 009
4 391 494	4 895 371	10 526 873	22 890 761	36 349 368	43 643 661	51 808 557	62 416 765	66 883 516
2 548 746	2 239 550	2 409 650	2 752 700	3 669 683	4 156 825	4 461 902	5 563 232	5 714 500
67 043	62 956	74 941	82 005	99 779	115 221	108 671	128 584	141 663
351 664	345 393	336 255	361 874	430 397	495 947	529 766	733 156	991 989
23 903 931	20 000 236	18 811 345	20 762 964	23 810 944	23 626 528	26 110 977	28 634 647	29 948 224
1 657 862	1 184 676	1 140 261	1 271 523	1 591 503	1 452 895	1 565 436	1 705 477	1 730 214
4 936 278	4 536 626	3 886 444	4 285 505	4 607 146	4 463 074	5 006 991	5 174 808	5 729 705
1 489 871	1 262 013	1 260 208	1 467 958	1 738 960	1 797 527	2 194 727	2 410 405	2 449 658
4 591 422	3 375 586	2 985 876	2 931 700	3 430 173	3 262 802	3 510 558	3 617 950	3 630 492
1 332 643	1 178 956	1 173 013	1 373 555	1 520 112	1 639 568	2 065 190	2 124 787	2 867 348
137 568	139 672	153 587	177 825	162 862	178 878	171 394	189 393	278 857
37 479 133	29 715 132	28 908 844	28 038 393	30 403 217	30 804 935	34 131 470	33 928 820	32 644 565
1 890 128	1 578 802	1 543 046	1 483 269	1 651 874	1 690 300	1 770 286	1 850 505	1 853 007
35 588 452	28 135 593	27 365 143	26 553 693	28 750 997	29 113 853	32 360 688	32 077 102	30 790 956
3 974 854	3 241 729	2 936 268	2 891 524	3 415 275	3 974 588	4 650 259	5 531 320	7 195 332
1 253 254	1 031 239	946 463	891 400	987 118	883 138	1 073 236	1 503 267	1 855 068
197 508	123 991	129 287	121 207	246 987	225 485	181 414	205 281	234 012
781 662	573 776	474 636	456 440	716 891	1 017 435	1 285 877	1 669 703	2 744 682
2 309 084	1 740 633	1 947 196	2 464 240	2 877 115	3 014 803	3 362 224	3 975 781	4 372 518
1 839 301	1 374 642	1 601 226	1 899 676	2 268 550	2 392 597	2 722 973	3 233 258	3 486 590
1 270 438	997 018	1 060 220	1 279 622	1 510 976	2 160 920	2 476 522	2 572 142	3 364 924

Table 123. Imports by

Country or area of region	1994	1995	1996	1997	1998	1999
Total	85 349 194	103 550 044	102 370 021	114 424 665	105 229 820	111 196 086
Asia	40 928 870	51 201 556	48 867 744	55 017 520	53 181 885	60 859 715
Japan	24 785 822	30 265 880	27 492 964	29 021 671	27 059 609	30 637 138
Hong Kong	1 532 958	1 842 873	1 704 663	1 996 134	2 076 093	2 223 600
Indonesia	2 114 386	2 150 425	1 884 483	2 184 708	2 114 404	2 296 941
Malaysia	2 326 856	2 953 718	3 565 236	4 228 301	3 639 473	3 895 257
Korea, Rep. of	3 015 198	4 327 379	4 161 720	5 024 480	5 682 165	7 202 328
Mainland China	1 858 713	3 091 306	3 059 852	3 915 312	4 113 882	4 528 891
Middle and Near East	3 174 179	3 929 200	4 075 310	4 203 282	3 046 486	4 111 382
Kuwait	286 493	455 979	550 143	546 784	348 869	406 830
Saudi Arabia	1 332 875	1 763 397	1 763 340	1 904 444	1 205 088	1 384 589
Europe	15 949 856	18 701 127	20 143 254	21 600 755	20 670 217	17 670 852
France	1 456 844	1 784 226	4 060 855	4 725 977	5 336 280	1 895 170
Germany	4 784 285	5 683 348	5 023 379	5 369 228	5 170 438	5 331 787
Italy	1 464 413	1 565 257	1 557 930	1 604 794	1 488 432	1 313 685
United Kingdom	1 529 102	1 643 210	1 805 433	1 952 801	1 711 250	1 745 372
Africa	1 405 684	1 814 668	2 388 430	2 470 275	1 964 993	2 229 846
North America	19 293 719	22 365 634	21 329 147	24 820 876	21 011 629	20 950 198
Canada	1 250 712	1 593 815	1 356 732	1 586 706	1 166 202	1 131 786
U.S.A.	18 042 642	20 771 393	19 971 851	23 233 847	19 845 059	19 818 117
Central and South America	1 885 057	2 398 470	2 165 541	2 540 595	1 979 124	1 921 263
Mexico	125 009	265 837	213 213	246 420	235 300	491 951
Panama	184	595	969	671	3 712	3 290
Brazil	612 476	592 419	565 807	760 983	586 926	476 836
Oceania	2 617 549	3 061 428	3 335 799	3 712 950	3 315 682	3 391 688
Australia	2 224 988	2 575 298	2 845 058	3 217 348	2 919 705	2 964 741
New Zealand	351 953	445 526	428 010	426 425	349 335	362 075
Others	94 477	78 009	64 896	58 078	60 104	61 427

Note: From Jan. 2006, the Compilation of Customs Trade Statistics adopts the United Nations 'International Merchandise Trade Statistics (IMTS) Compilers Manual, 2004. Under IMTS Criteria, the data of re-exports and re-imports of each Classification are included in their relevant total exports/imports, respectively. The historical data of 2000 to 2005 have been revised on this table.

regions and principal countries (areas)

Thousands of U.S. Dollars

2000	2001	2002	2003	2004	2005	2006	2007	2008
140 731 990	107 970 570	113 245 120	128 010 148	168 757 598	182 614 393	202 698 135	219 251 567	240 447 789
78 894 691	59 067 515	64 495 758	74 633 632	98 423 374	106 140 212	116 019 615	121 072 145	125 021 701
38 622 073	25 933 484	27 363 325	32 719 525	43 717 802	46 053 319	46 284 409	45 936 862	46 508 013
2 364 182	2 051 591	1 914 898	1 917 196	2 309 164	2 109 729	1 880 644	1 824 902	1 492 771
3 020 530	2 527 889	2 592 605	2 926 646	4 114 535	4 542 964	5 204 299	5 775 954	7 288 968
5 350 520	4 232 763	4 175 555	4 766 713	5 424 990	5 217 223	6 051 561	6 192 410	6 762 668
9 027 154	6 732 022	7 741 421	8 738 160	11 663 599	13 239 158	14 999 578	15 158 354	13 168 383
6 229 334	5 902 959	7 968 584	11 017 887	16 792 252	20 093 696	24 783 086	28 014 979	31 391 315
6 743 442	6 608 650	7 254 743	10 423 754	14 028 569	19 152 512	24 916 352	27 825 870	38 932 912
982 191	1 130 414	1 288 812	2 002 271	2 770 157	4 295 825	5 007 826	5 742 741	8 074 201
2 721 008	2 746 035	2 407 270	4 276 038	5 558 950	7 437 249	9 760 161	10 409 566	15 172 687
19 090 151	15 069 791	14 728 390	16 259 282	21 258 722	21 895 493	21 452 196	23 566 635	24 450 736
1 838 690	2 140 382	1 558 760	1 632 990	2 099 857	2 544 412	2 219 958	2 381 940	2 292 829
5 578 810	4 274 220	4 448 258	4 986 253	5 852 028	6 180 253	6 135 238	7 070 040	7 474 274
1 399 013	1 089 428	1 095 022	1 138 162	1 349 320	1 451 733	1 545 193	1 475 619	1 635 421
1 952 902	1 457 087	1 371 908	1 431 079	1 745 036	1 714 064	1 781 013	1 920 418	1 917 640
3 285 723	2 662 104	2 133 276	2 708 960	4 127 848	3 602 963	5 523 164	6 131 965	7 981 802
26 555 073	19 419 288	19 206 841	18 080 364	22 984 702	22 494 970	24 038 316	28 205 133	28 115 721
1 284 793	1 011 996	951 220	1 085 056	1 204 323	1 324 077	1 373 811	1 697 045	1 789 105
25 269 878	18 407 253	18 255 577	16 995 299	21 780 377	21 170 843	22 664 494	26 508 055	26 326 558
2 112 591	1 545 600	1 917 063	2 413 282	3 597 714	3 614 650	4 304 109	5 007 386	6 424 456
557 170	421 120	364 763	334 153	416 523	355 401	426 738	593 182	589 580
2 053	4 413	6 204	6 377	22 945	24 635	36 294	53 782	69 014
553 936	445 178	585 429	916 297	1 332 078	1 216 347	1 065 887	1 341 776	2 192 112
3 986 096	3 543 738	3 287 940	3 239 577	4 059 870	5 397 303	6 124 580	7 114 189	9 138 665
3 510 837	3 090 500	2 839 188	2 732 209	3 429 629	4 726 429	5 349 481	6 122 115	8 270 645
382 306	346 765	342 305	383 483	459 016	507 634	502 227	565 051	571 422
64 223	53 884	221 109	251 297	276 799	316 290	319 803	328 244	381 796

Table 124. Exports and imports

Item	Exports				
	2002	2003	2004	2005	2006
Total	135 317	150 600	182 370	198 432	224 017
0. Food and live animals	1 722	1 820	2 044	2 080	1 785
1. Beverages and tobacco	66	74	73	83	96
2. Crude materials, inedible, except fuels	1 788	2 016	2 392	2 624	3 109
3. Mineral fuels, lubricants and related materials	2 139	3 339	5 447	8 859	10 785
4. Animal and vegetable oils, fats and waxes	32	42	48	44	44
5. Chemicals and related products, n.e.s.	10 121	12 192	16 456	20 216	22 396
6. Manufactured goods classified chiefly by material	25 455	27 114	32 351	34 237	37 866
7. Machinery and transport equipment	77 780	83 879	98 200	101 593	114 108
8. Miscellaneous manufactured articles	15 834	19 672	24 827	27 556	32 483
9. Commodities and transactions not classified elsewhere in the SITC	380	454	533	1 140	1 343

Table 125. Number of

End of year	Total	Agriculture, forestry, fishing and animal husbandry		Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade	Accommodation & eating-drinking place
2003	1 097 440	15 213		1 256	131 708	679	70 144	579 868	74 838
2004	1 130 127	15 256		1 268	132 255	656	73 608	597 162	81 278
2005	1 169 265	14 544		1 282	131 748	641	79 873	616 279	90 747
2006	1 179 059	12 580		1 308	130 474	635	84 383	616 377	94 886
2007	1 176 945	12 594		1 330	128 761	649	86 031	612 052	97 758
End of year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas supply	Water supply and remediation services	Construction	Wholesale and retail trade	Transportation and storage
2008	1 170 100	12 069	1 311	129 751	367	6 569	84 116	609 668	30 176

Note : From Jan. 2008, the figures are reclassified according to the 6th revision of Standard Industrial Classification on Taxation of the Republic of China.

by SITC sections

Million of U.S. dollars

		Imports						
2007	2008	2002	2003	2004	2005	2006	2007	2008
246 677	255 629	113 245	128 010	168 758	182 614	202 698	219 252	240 448
1 836	2 259	3 361	3 709	4 180	4 532	4 647	5 155	6 257
101	143	751	884	943	1 103	1 113	1 118	1 221
3 434	3 620	4 756	5 466	6 930	7 188	8 691	11 214	12 890
13 749	18 628	11 648	15 203	21 499	28 097	36 633	43 413	61 952
62	79	154	185	227	222	190	277	386
28 606	31 359	13 494	15 791	20 654	22 950	26 105	28 743	30 596
41 885	42 512	12 645	14 991	22 574	23 243	27 078	29 496	31 971
120 864	119 128	53 892	56 998	71 731	75 214	76 842	76 863	74 057
34 718	35 703	10 333	12 766	17 709	17 299	18 711	19 920	17 815
1 422	2 197	2 212	2 017	2 310	2 767	2 688	3 054	3 303

registered business stores

Numbers

Transport storage & communication	Finance & insurance	Real estate & rental & leasing	Professional, science & technology	Education services	Health care & social welfare	Culture, sport & leisure services	Public services	Other services & non-classified
32 846	16 290	21 333	40 063	189	348	23 690	26	88 949
31 200	17 307	23 212	41 647	252	361	24 963	26	89 676
31 222	17 944	24 749	42 906	296	360	25 768	23	90 883
30 951	18 320	25 907	42 697	365	358	28 180	25	91 613
30 598	18 956	26 552	42 937	460	366	25 546	22	92 333
Accommodation and food services	Information and communication	Finance and insurance	Real estate	Professional, scientific and technical services	Support services	Education	Arts, entertainment and recreation	Other services & non-classified
99 183	14 321	22 133	18 527	32 520	24 824	622	20 186	63 757

Table 126. Number of newly registered

Year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade	Accommodati- on & eating- drinking places
Newly registered								
2002	44 552	384	193	6 412	523	6 660	12 257	491
2003	40 837	472	225	6 288	21	6 151	10 350	191
2004	45 431	459	244	6 493	36	6 026	10 840	202
2005	45 080	520	223	6 189	45	5 226	9 902	176
2006	38 273	291	110	3 794	19	3 693	13 866	165
Capital of newly registered								
2002	627 405	2 241	872	84 281	1 692	27 368	29 724	1 760
2003	314 147	4 559	1 088	53 543	137	20 573	28 332	1 039
2004	248 176	1 821	1 488	35 666	124	25 037	27 497	1 366
2005	244 940	2 192	1 057	37 391	547	18 375	23 367	842
2006	229 052	1 038	584	23 201	1 301	14 917	46 797	670
Year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Water supply & remediation	Construction	Wholesale & retail trade
Newly registered								
2007	33 718	398	189	6 182	48	261	5 055	5 479
2008	30 201	358	165	5 140	70	223	4 307	4 589
Capital of newly registered								
2007	175 210	2 132	1 058	35 165	822	865	18 751	13 581
2008	245 752	1 245	876	32 216	747	752	11 474	9 212

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

corporations and its capital

Transport, storage & communication	Finance , insurance	Real estate, rental & leasing	Professional, scientific & technical services	Education services	Health care , social welfare services	Cultural, sporting & recreational services	Other services	Non-classified
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corporations (Numbers)

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

corporations (Millions of N.T. Dollars)

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

Transport & storage	Accommodation & food services	Information & communication	Financial & insurance	Real estate	Professional, scientific & technical services	Support services	Arts, entertainment & recreation	Other services & not-classified
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corporations (Numbers)

308	238	1 329	2 086	1 796	4 293	675	122	5 259
270	180	1 161	1 847	1 359	2 694	669	79	7 090

corporations (Millions of N.T. Dollars)

3 920	712	3 598	47 613	13 749	12 930	3 204	773	16 337
6 189	497	2 556	136 651	12 026	5 931	3 265	400	22 714

Table 127 Balance

Items	1999	2000	2001 ①
A Current Account	7 993	8 899	18 936
Goods: exports fob	123 763	151 899	126 247
Goods: imports fob	- 109 057	- 138 227	- 105 686
Balance on Goods	14 706	13 672	20 561
Services: credit	17 161	20 010	19 895
Services: debit	- 24 362	- 26 647	- 24 465
Balance on Goods and Services	7 505	7 035	15 991
Income: credit	6 965	9 166	9 327
Income: debit	- 4 160	- 4 698	- 3 648
Balance on Goods , Services and Income	10 310	11 503	21 670
Current transfers: credit	3 126	3 202	2 607
Current Transfers: debit	- 5 443	- 5 806	- 5 341
B Capital Account	- 173	- 287	- 163
Capital account: credit	...	...	...
Capital account: debit	- 173	- 287	- 163
Total, Groups A plus B	7 820	8 612	18 773
C Financial Account	9 220	- 8 019	- 384
Direct investment abroad	- 4 420	- 6 701	- 5 480
Direct investment in Taiwan, ROC	2 926	4 928	4 109
Portfolio investment assets	- 4 577	- 9 780	- 11 347
Equity securities	- 5 058	- 9 265	- 8 649
Debt securities	481	- 515	- 2 698
Portfolio investment liabilities	13 913	9 556	11 119
Equity securities	14 765	8 489	11 298
Debt securities	- 852	1 067	- 179
Financial derivatives	- 257	- 304	- 1 063
Financial derivatives assets	251	414	535
Financial derivatives liabilities	- 508	- 718	- 1 598
Other investment assets	2 334	- 8 368	- 1 770
Monetary authorities	-	-	-
General government	- 11	- 13	8
Banks	- 923	- 10 105	- 7 341
Other sectors	3 268	1 750	5 563
Other investment liabilities	- 699	2 650	4 048
Monetary authorities	...	...	...
General government	- 7	- 7	- 4
Banks	- 4 645	- 1 705	636
Other sectors	3 953	4 362	3 416
Total , Groups A through C	17 040	593	18 389
D Net Errors And Omissions	1 553	1 884	- 1 036
Total , Groups A through D	18 593	2 477	17 353
E Reserves and Related Items	- 18 593	- 2 477	- 17 353
Reserve assets	- 18 593	- 2 477	- 17 353
Use of Fund credit and loans	-	-	-
Exceptional financing	-	-	-

of payments

Millions of U.S. Dollars

2002 ⓘ	2003 ⓘ	2004 ⓘ	2005 ⓘ	2006 ⓘ	2007 ⓘ	2008
26 357	30 504	19 728	17 578	26 300	32 975	24 638
135 268	150 597	182 362	198 456	223 789	246 500	254 907
- 110 348	- 124 460	- 164 999	- 179 000	- 199 592	- 216 055	- 236 657
24 920	26 137	17 363	19 456	24 197	30 445	18 250
21 635	23 166	25 789	25 827	29 272	31 307	33 849
- 24 719	- 25 635	- 30 731	- 32 480	- 32 815	- 35 102	- 34 460
21 836	23 668	12 421	12 803	20 654	26 650	17 639
10 334	12 991	15 485	17 394	19 338	23 500	23 277
- 3 321	- 3 436	- 4 353	- 8 355	- 9 757	- 13 368	- 13 299
28 849	33 223	23 553	21 842	30 235	36 782	27 617
2 621	2 673	3 170	3 463	3 837	4 559	5 210
- 5 113	- 5 392	- 6 995	- 7 727	- 7 772	- 8 366	- 8 189
- 139	- 87	- 77	- 117	- 118	- 96	- 334
1	1	6	1	4	3	3
- 140	- 88	- 83	- 118	- 122	- 99	- 337
26 218	30 417	19 651	17 461	26 182	32 879	24 304
8 749	7 628	7 169	2 302	- 19 595	- 38 656	- 1 686
- 4 886	- 5 682	- 7 145	- 6 028	- 7 399	- 11 107	- 10 293
1 445	453	1 898	1 625	7 424	7 769	5 432
- 15 442	- 34 763	- 21 823	- 33 902	- 40 754	- 44 993	3 289
- 9 142	- 9 850	- 8 167	- 12 464	- 18 466	- 35 696	- 4 573
- 6 300	- 24 913	- 13 656	- 21 438	- 22 288	- 9 297	7 862
6 616	29 566	17 154	31 045	21 814	4 904	- 15 777
3 636	25 197	14 092	34 826	22 662	5 599	- 15 418
2 980	4 369	3 062	- 3 781	- 848	- 695	- 359
- 242	- 215	- 843	- 1 003	- 965	- 289	1 589
400	519	888	909	1 930	3 691	7 938
- 642	- 734	- 1 731	- 1 912	- 2 895	- 3 980	- 6 349
11 990	3 939	408	- 6 254	- 1 266	- 5 716	10 003
-	-	-	-	-	-	-
2	33	32	...	- 4	11	7
3 022	- 1 994	- 6 754	- 9 421	- 5 525	- 9 027	- 17 223
8 966	5 900	7 130	3 167	4 263	3 300	27 219
9 268	14 330	17 520	16 819	1 551	10 776	4 071
...	...	898	9 250	- 3 311	- 7 300	- 3 116
- 5	- 8	- 6	...	6	- 6	...
4 677	11 391	13 957	5 352	1 993	15 309	787
4 596	2 947	2 671	2 217	2 863	2 773	6 400
34 967	38 045	26 820	19 763	6 587	- 5 777	22 618
- 1 303	- 953	- 225	293	- 501	1 757	3 656
33 664	37 092	26 595	20 056	6 086	- 4 020	26 274
- 33 664	- 37 092	- 26 595	- 20 056	- 6 086	4 020	- 26 274
- 33 664	- 37 092	- 26 595	- 20 056	- 6 086	4 020	- 26 274
-	-	-	-	-	-	-
-	-	-	-	-	-	-

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TRANSPORTATION, STORAGE AND COMMUNICATIONS

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

The tourists' consumption and activities survey is conducted once a year. Objective of the survey are foreign nationals or overseas Chinese coming to Taiwan for visits, excluding those staying in Taiwan for less than 24 hours and those staying for over 60 days. The survey adopts the "quota sampling" method to draw an effective sample of 5,004 tourists receiving interview at the waiting lounge of the CKS International Airport and the Kao-Hsiung Hsiao Keung International Airport.

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

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

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

Table 128. Railways, highways, motor vehicles in use

Year	Railways (M.T.)		Highways (M.T.)		Motor vehicles (Thousands)	
	Passenger- kilometers	Freight ton-kilometers	Passenger- kilometers	Freight ton-kilometers	Passenger cars	Commercial vehicles
1979	7 327	2 668	26 114	7 127	341	218
1980	7 971	2 716	26 836	7 690	425	256
1981	7 982	2 527	29 346	8 727	506	297
1982	8 204	2 277	29 473	8 800	592	334
1983	8 533	2 581	29 364	8 929	688	373
1984	8 458	2 493	30 315	9 191	807	409
1985	8 309	2 300	30 461	9 223	916	429
1986	8 316	2 365	29 510	9 359	1 047	452
1987	8 459	2 490	28 861	10 586	1 249	469
1988	8 233	2 278	27 370	11 340	1 560	512
1989	8 145	2 112	25 741	11 494	1 930	573
1990	8 323	1 877	25 493	11 543	2 263	620
1991	8 621	1 961	25 329	11 814	2 541	636
1992	9 361	2 140	24 227	12 220	2 900	692
1993	9 552	2 018	19 411	12 867	3 239	718
1994	9 515	2 007	17 995	13 091	3 570	733
1995	9 499	1 900	16 151	12 492	3 874	770
1996	9 032	1 585	15 421	11 991	4 146	800
1997	9 507	1 514	14 417	12 165	4 412	836
1998	10 305	1 404	14 298	17 426	4 545	837
1999	11 020	1 315	14 247	18 251	4 509	804
2000	12 624	1 179	14 657	18 182	4 716	833
2001	12 269	1 010	15 237	27 810	4 826	855
2002	12 148	941	15 770	28 341	4 989	882
2003	11 178	864	14 744	28 735	5 170	911
2004	12 051	909	15 778	31 029	5 391	946
2005	12 255	982	16 100	31 210	5 634	980
2006	12 352	997	16 386	31 218	5 698	999
2007	15 769	890	15 979	30 547	5 713	1 003
2008	19 066	933	15 783	30 160	5 674	1 001

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
1979	1 615	361	9 681	46 317	94 606	96 650
1980	1 806	361	9 095	51 168	100 414	104 350
1981	1 870	493	11 289	48 609	103 173	103 752
1982	2 481	518	12 480	48 863	117 448	104 317
1983	3 329	544	15 231	55 319	127 450	117 966
1984	4 351	636	16 251	59 829	136 194	135 031
1985	4 267	584	16 090	60 496	148 101	145 631
1986	4 596	531	16 300	70 781	172 321	171 732
1987	4 621	484	18 086	83 014	189 116	193 484
1988	5 182	544	18 697	96 786	201 582	208 294
1989	5 469	383	16 538	97 678	216 061	231 193
1990	5 923	476	15 439	102 329	224 183	237 285
1991	6 182	602	17 854	103 328	238 565	247 324
1992	6 543	814	16 702	112 459	266 033	275 735
1993	6 631	818	16 923	115 445	288 248	300 426
1994	5 947	956	16 741	119 117	287 329	314 677
1995	5 992	955	18 776	122 376	316 622	340 284
1996	6 067	956	20 969	124 736	342 094	368 034
1997	5 959	956	22 516	143 553	364 856	396 754
1998	5 539	903	22 065	139 813	369 457	406 480
1999	5 445	903	26 287	149 121	381 294	413 247
2000	5 336	903	29 653	152 042	389 520	417 335
2001	4 791	904	38 997	157 866	380 816	427 768
2002	4 235	907	41 477	166 502	384 575	461 712
2003	3 735	905	44 810	176 813	417 577	471 160
2004	3 707	904	47 849	187 975	437 433	472 914
2005	3 375	905	48 015	177 134	452 703	484 699
2006	3 005	905	47 558	173 072	475 785	503 737
2007	2 853	757	50 810	191 892	480 700	498 593
2008	2 868	757	45 745	189 261	471 040	486 700

Notes : ¹ Figures for foreign vessels were revised from 1989.

Table 130. Civil aviation

Year	Number of flights		Passenger transportation (Thousand)		Freight transportation (metric tons)	
	Domestic	International	Domestic	International	Domestic	International
1979	106 277	36 837	7 618	3 628	31 217	189 595
1980	89 809	37 089	6 150	3 760	24 918	212 249
1981	84 402	37 252	5 639	4 063	23 402	229 320
1982	91 470	37 177	5 493	4 136	24 455	229 399
1983	94 290	37 096	5 729	4 298	25 161	282 851
1984	99 657	38 970	6 342	4 519	27 952	309 554
1985	104 742	39 459	5 854	4 523	25 818	302 158
1986	102 548	40 566	5 302	4 828	21 573	402 964
1987	117 004	42 755	6 682	5 679	25 141	485 599
1988	130 310	47 183	7 614	7 129	26 740	516 053
1989	183 077	51 813	8 910	8 297	31 583	576 997
1990	191 132	60 691	9 043	9 680	36 704	625 431
1991	249 300	68 181	11 210	10 364	44 681	670 127
1992	300 274	77 542	14 875	12 117	53 130	763 308
1993	361 061	87 930	18 442	12 887	60 616	793 264
1994	435 244	100 383	23 299	13 673	70 820	809 453
1995	521 532	111 356	28 773	14 954	31 386	744 398
1996	577 033	123 931	35 902	16 157	29 409	791 803
1997	580 115	135 730	37 400	17 069	31 210	909 900
1998	503 321	135 023	33 294	16 440	26 407	936 403
1999	483 979	132 343	32 534	17 808	30 573	1 064 289
2000	448 181	138 379	26 650	19 780	33 853	1 214 859
2001	414 698	147 212	24 614	19 501	37 375	1 035 552
2002	392 532	156 023	21 890	20 063	44 246	1 137 627
2003	342 681	146 490	20 052	15 913	43 704	1 186 032
2004	329 632	175 230	20 995	20 756	40 623	1 254 890
2005	297 724	181 775	19 294	22 485	37 428	1 216 009
2006	275 232	188 274	17 365	23 774	40 211	1 207 998
2007	228 869	192 610	12 711	24 432	40 041	1 191 118
2008	183 234	174 748	9 850	23 203	36 746	1 035 352

Table 131. Telephones and internet

Year	Number of mobile telephones (Thousands)	Local telephones			Internet users (Thousnads)
		Subscribers (Thousands)	Subscribers, index (1991=100)	Subscribers per 100 population (Subscribers)	
1979	-	1 861	27.15	10.6	-
1980	-	2 323	33.89	13.1	-
1981	-	2 818	41.12	15.5	-
1982	-	3 230	47.13	17.5	-
1983	-	3 618	52.79	19.3	-
1984	-	3 947	57.60	20.7	-
1985	-	4 228	61.70	21.9	-
1986	-	4 540	66.25	23.3	-
1987	-	4 909	71.63	24.9	-
1988	-	5 332	77.81	26.7	-
1989	22	5 823	84.96	28.9	-
1990	83	6 301	91.94	31.2	-
1991	197	6 853	100.00	33.3	10
1992	385	7 418	108.24	35.7	50
1993	539	7 951	116.02	37.9	100
1994	584	8 503	124.08	40.2	180
1995	770	9 175	133.88	43.0	250
1996	970	10 011	146.08	46.5	603
1997	1 492	10 862	158.50	50.0	1 660
1998	4 727	11 500	167.81	52.4	3 011
1999	11 541	12 044	175.75	54.5	4 800
2000	17 874	12 642	184.47	56.8	6 270
2001	21 786	12 858	187.63	57.4	7 820
2002	24 391	13 099	191.14	58.2	8 590
2003	25 800	13 355	194.88	59.1	8 830
2004	22 760	13 530	197.43	59.6	9 160
2005	22 171	13 615	198.67	59.8	9 590
2006	23 249	13 473	196.60	58.9	9 760
2007	24 287	Ⓘ 13 302	Ⓘ 194.10	57.9	10 030
2008	25 413	13 082	190.89	56.8	10 460

Table 132. International telephone business

Thousands

Year	Outgoing calls		Outgoing calls between the Straits	
	No. of calls	No. of minutes	No. of calls	No. of minutes
1979	3 128	19 464	-	-
1980	3 634	22 945	-	-
1981	4 293	27 049	-	-
1982	4 927	30 278	-	-
1983	6 208	36 786	-	-
1984	8 941	45 783	-	-
1985	13 321	58 021	-	-
1986	21 250	77 063	-	-
1987	34 446	105 629	-	-
1988	50 855	142 628	-	-
1989	66 085	183 864	730	3 074
1990	84 642	241 928	4 422	13 999
1991	104 844	297 616	8 719	26 990
1992	128 887	366 854	16 204	50 272
1993	153 531	442 308	26 790	81 145
1994	169 863	501 849	34 192	105 996
1995	191 615	593 023	41 519	133 796
1996	219 642	700 502	53 541	168 740
1997	245 854	789 061	69 078	198 069
1998	264 102	860 878	79 952	236 141
1999	294 722	958 264	96 033	286 034
2000	328 283	1 058 378	111 604	342 988
2001	433 642	1 514 416	154 668	509 835
2002	568 198	2 153 914	213 866	758 784
2003	820 899	3 076 736	250 074	987 262
2004	825 622	3 131 670	289 035	1 286 703
2005	982 377	3 468 293	318 610	1 369 444
2006	1 063 660	3 841 017	350 298	1 505 976
2007	931 501	3 879 449	352 275	1 566 245
2008	948 230	3 993 877	371 860	1 538 542

Notes : ¹ Telephone service between Taiwan and China from June 1989.

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
1994	14 079	1 701	18 603	2 016	2 216	16 627	16 993
1995	14 326	1 834	18 496	2 142	2 435	18 213	18 741
1996	14 638	1 835	18 531	2 219	2 563	18 319	18 683
1997	13 961	1 845	18 517	2 401	2 751	18 373	18 736
1998	14 014	1 863	18 463	2 589	2 916	16 917	17 350
1999	14 414	1 906	18 407	2 705	3 052	16 147	16 539
2000	12 655	1 903	18 132	3 088	3 410	17 287	17 842
2001	11 216	1 902	17 607	2 891	3 305	10 631	10 952
2002	10 325	1 903	17 517	2 876	3 317	7 973	8 209
2003	9 976	1 904	16 804	2 731	3 224	8 953	9 181
2004	6 755	1 905	16 923	2 815	3 279	12 108	12 668
2005	6 420	1 903	16 207	2 808	3 256	15 767	16 720
2006	5 341	1 903	15 984	2 663	3 187	17 897	18 901
2007	4 823	1 903	14 174	2 670	3 109	19 959	21 561
2008	2 570	1 913	13 983	2 646	3 185	24 269	26 229

Table 134. Visitor arrivals by purpose of visit

Year	Persons							
	Total	Pleasure	Business	Visit relatives	Study	Conference	Others	Unstated
1994	2 127 249	860 915	594 808	233 968	28 151	28 720	98 276	282 411
1995	2 331 934	940 451	651 968	240 009	28 093	24 131	109 058	338 224
1996	2 358 221	904 489	704 450	241 704	27 320	25 931	115 757	338 570
1997	2 372 232	843 008	750 059	244 996	25 399	28 585	101 871	378 314
1998	2 298 706	762 026	770 557	242 223	24 322	30 242	101 685	367 651
1999	2 411 248	782 938	806 159	257 683	27 054	31 194	110 446	395 774
2000	2 624 037	870 929	900 339	279 243	27 808	34 879	114 533	396 306
2001	2 831 035	1 021 572	848 732	332 834	26 971	39 390	102 818	458 718
2002	2 977 692	1 028 635	831 465	329 751	61 904	39 485	131 684	554 768
2003	2 248 117	695 277	698 792	280 022	48 575	31 545	162 656	331 250
2004	2 950 342	1 031 713	920 377	374 008	37 324	43 616	215 540	327 764
2005	3 378 118	1 381 637	944 487	379 252	38 717	49 686	210 121	374 218
2006	3 519 827	1 510 207	949 836	377 455	38 649	52 634	208 826	382 220
2007	3 716 063	1 648 507	930 775	395 760	41 901	57 839	216 488	424 793
2008	3 845 187	1 775 229	881 431	404 692	45 229	59 226	230 716	448 664

Table 135. Number of foreign visitor

Resident	1989	1990	1991	1992	1993	1994	1995	1996	1997
Grand Total	1 768 541	1 712 680	1 629 448	1 649 726	1 601 228	1 856 685	2 066 333	2 088 539	2 115 641
Asia	1 367 417	1 312 944	1 224 636	1 216 340	1 159 554	1 379 321	1 566 025	1 572 539	1 571 044
Hong Kong,Macao	25 720	26 839	26 912	26 964	28 451	33 370	39 269	45 998	50 557
Japan	962 545	914 750	825 420	794 237	696 431	816 665	907 338	911 777	900 714
Korea	135 635	143 656	150 076	147 158	88 297	124 116	140 469	121 399	94 632
India	6 469	5 753	5 346	6 878	7 361	8 197	9 553	10 320	11 438
Middle East	9 597	8 396	8 690	9 242	9 725	9 013	10 066	9 759	11 321
Malaysia	62 975	49 376	40 658	46 455	50 664	47 577	53 620	55 430	54 022
Singapore	59 573	59 207	61 962	63 739	59 810	69 259	69 665	77 642	81 356
Indonesia	26 361	25 764	22 780	22 247	33 984	38 489	45 857	50 505	54 092
Philippines	28 981	29 564	26 863	28 709	52 981	69 468	89 490	104 525	112 844
Thailand	21 350	21 266	23 739	33 416	88 985	114 613	146 632	120 089	121 534
Others	28 211	28 373	32 190	37 295	42 865	48 554	54 066	65 095	78 534
America	250 036	251 826	254 935	275 688	280 814	301 012	311 180	318 245	337 610
Canada	20 261	19 761	20 352	21 730	21 081	23 308	25 944	29 580	31 762
U.S.A.	219 046	221 201	224 182	243 022	248 942	266 115	273 606	277 236	293 681
Mexico	1 466	1 662	1 534	1 645	1 265	1 410	1 034	1 325	1 490
Brazil	3 388	3 299	2 723	2 799	2 827	3 480	4 095	3 508	3 479
Others	5 875	5 903	6 144	6 492	6 699	6 699	6 501	6 596	7 198
Europe	111 189	111 195	113 488	119 821	120 944	134 043	143 700	151 564	158 349
Belgium	3 272	3 035	3 401	3 302	3 207	3 629	3 745	3 971	3 861
France	15 812	15 714	16 548	17 513	18 494	21 334	21 587	21 716	22 674
Germany	24 983	24 250	25 543	28 758	28 357	31 075	32 667	33 677	34 492
Italy	8 850	8 803	9 348	10 221	9 893	11 934	12 239	11 511	12 257
Netherlands	8 525	7 901	8 110	8 208	8 879	9 155	9 935	10 436	10 814
Switzerland	5 932	6 120	5 941	5 668	5 937	6 029	6 238	6 035	6 602
Spain	3 079	2 975	3 386	3 711	3 217	3 577	3 685	3 714	4 036
U.K.	22 524	23 064	21 416	22 646	24 112	26 929	28 796	30 426	32 737
Others	18 212	19 333	19 795	19 794	18 848	20 381	24 808	30 078	30 876
Oceania	24 215	22 623	22 444	24 840	25 654	27 907	31 372	32 100	34 367
Australia	19 773	18 741	18 703	20 896	21 446	23 134	26 112	26 844	28 674
New Zealand	3 450	3 141	3 077	3 421	3 819	4 258	4 875	4 952	5 302
Others	992	741	664	523	389	515	385	304	391
Africa	14 352	12 838	12 678	11 118	10 718	10 276	9 839	9 345	8 808
Others	1 332	1 254	1 267	1 919	3 544	4 126	4 217	4 746	5 463

arrivals by residence

Persons

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
2 031 811	2 115 653	2 310 670	2 291 871	2 354 017	1 812 034	2 428 297	2 798 210	2 855 629	2 988 815	2 962 536
1 478 765	1 546 893	1 690 232	1 704 449	1 747 685	1 336 849	1 760 612	2 107 089	2 164 552	2 262 176	2 213 938
54 574	63 323	73 708	80 752	76 690	56 076	70 878	77 275	77 549	79 548	78 628
822 817	823 799	914 884	970 741	985 564	655 131	885 168	1 122 192	1 159 533	1 164 446	1 084 888
59 766	74 411	82 480	82 081	79 874	90 174	144 769	178 964	192 521	222 347	247 815
11 672	11 498	13 195	13 062	13 945	12 405	16 255	17 475	18 020	19 954	19 951
11 147	10 578	11 202	9 194	9 929	7 696	12 598	13 431	12 692	13 327	12 402
48 904	52 358	57 728	56 615	64 483	66 487	92 272	107 084	114 761	140 720	155 073
86 695	85 569	94 691	96 645	107 069	78 300	116 445	165 666	183 511	204 015	204 967
47 415	76 424	106 787	89 027	86 098	37 116	43 694	88 086	90 593	95 327	110 017
120 543	120 319	83 137	68 955	74 022	75 851	82 319	87 205	75 240	80 117	83 056
127 987	137 664	132 998	116 296	105 688	97 478	101 989	92 584	94 644	89 137	83 685
87 245	90 950	119 422	121 081	144 323	160 135	194 225	157 127	145 488	153 238	133 456
345 771	357 455	405 749	388 507	406 227	311 594	440 887	453 271	457 167	464 911	456 494
33 360	34 568	38 016	40 176	42 815	33 873	49 891	53 838	53 225	56 554	59 605
300 753	311 995	356 535	338 548	353 411	270 523	380 210	388 153	392 004	395 036	383 747
1 679	1 694	1 876	1 605	2 195	1 213	2 144	1 999	2 097	2 445	2 190
3 247	2 467	2 767	2 155	2 206	1 823	2 720	2 819	3 028	3 794	3 859
6 732	6 731	6 555	6 023	5 600	4 162	5 922	6 462	6 813	7 082	7 093
159 659	161 377	160 728	147 610	146 730	118 273	164 032	171 665	171 816	185 553	199 952
4 079	4 098	4 147	3 506	3 833	3 014	3 801	4 208	3 832	4 082	4 147
23 515	23 508	23 675	20 988	20 179	15 188	21 152	21 785	22 372	23 693	23 956
35 187	34 096	34 769	33 687	33 470	28 476	37 063	39 626	38 602	39 372	40 129
11 720	11 329	12 055	10 639	10 664	7 678	10 302	10 913	10 722	11 402	12 694
11 190	14 235	12 592	11 032	10 237	8 022	11 173	12 084	11 418	12 373	12 056
6 390	6 452	6 325	5 909	5 639	4 486	6 114	6 341	6 360	6 719	6 225
3 892	3 875	4 063	3 736	3 826	2 763	4 367	4 579	4 566	4 865	5 360
33 505	33 136	35 471	33 569	34 082	28 316	36 913	35 748	35 794	39 758	48 176
30 181	30 648	27 631	24 544	24 800	20 330	33 147	36 381	38 150	43 289	47 209
34 153	35 541	38 049	36 141	37 849	31 849	50 294	55 185	51 433	61 146	67 930
28 737	29 731	31 711	29 978	31 477	26 287	41 529	46 017	42 114	51 270	57 725
5 045	5 357	5 973	5 768	6 124	5 272	7 512	8 015	8 189	8 612	8 972
371	453	365	395	248	290	1 253	1 153	1 130	1 264	1 233
7 728	7 716	8 667	8 663	9 120	7 375	9 538	9 018	8 714	8 414	8 334
5 735	6 671	7 245	6 501	6 406	6 094	2 934	1 982	1 947	6 615	15 888

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\$)	
1979	1 340 382	5.5	919	51.2	685.6	95.2	7.2
1980	1 393 254	3.9	988	7.5	709.1	104.6	6.8
1981	1 409 465	1.2	1 080	9.3	766.5	115.8	6.6
1982	1 419 178	0.7	953	- 11.8	671.5	109.6	6.1
1983	1 457 404	2.7	990	3.9	679.5	105.2	6.5
1984	1 516 138	4.0	1 066	7.7	702.8	110.7	6.4
1985	1 451 659	- 4.3	963	- 9.7	663.6	101.9	6.5
1986	1 610 385	10.9	1 333	38.4	827.5	120.5	6.9
1987	1 760 948	9.3	1 619	21.5	919.5	132.9	6.9
1988	1 935 134	9.9	2 289	41.4	1 182.9	169.0	7.0
1989	2 004 126	3.6	2 698	17.9	1 346.4	187.0	7.2
1990	1 934 084	- 3.5	1 740	- 35.5	899.9	130.4	6.9
1991	1 854 506	- 4.1	2 018	16.0	1 088.4	148.9	7.3
1992	1 873 327	1.0	2 449	21.4	1 307.1	174.3	7.5
1993	1 850 214	- 1.2	2 943	20.2	1 590.7	198.1	8.0
1994	2 127 249	15.0	3 210	9.1	1 509.2	200.2	7.5
1995	2 331 934	9.6	3 286	2.4	1 409.1	190.9	7.4
1996	2 358 221	1.1	3 636	10.7	1 542.1	208.4	7.4
1997	2 372 232	0.6	3 402	- 6.4	1 434.3	193.6	7.4
1998	2 298 706	- 3.1	3 372	- 0.9	1 466.8	190.3	7.7
1999	2 411 248	4.9	3 571	5.9	1 481.1	191.4	7.7
2000	2 624 037	8.8	3 738	4.7	1 424.7	192.5	7.4
2001	2 831 035	7.9	4 335	16.0	1 531.3	207.8	7.4
2002	2 977 692	5.2	4 584	5.7	1 539.3	204.2	7.5
2003	2 248 117	- 24.5	2 976	- 35.1	1 323.7	166.1	8.0
2004	2 950 342	31.2	4 053	36.2	1 373.8	180.5	7.6
2005	3 378 118	14.5	4 977	22.8	1 473.3	207.5	7.1
2006	3 519 827	4.2	5 136	3.2	1 459.2	210.9	6.9
2007	3 716 063	5.6	5 214	1.5	1 403.2	215.2	6.5
2008	3 845 187	3.5	5 936	13.8	1 543.7	211.5	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. All of the data are obtained from the *Yearbook of Financial Statistics, Republic of China* published by the Department of Statistics of the Ministry of Finance.

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

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

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

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

Table 137. Net revenues and

A. By current

Year	Net revenues							
	Total		Current		Capital		Total	
	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)
FY1984	515 913	100.0	503 021	97.5	12 890	2.5	506 224	100.0
FY1985	542 603	100.0	531 075	97.9	11 527	2.1	546 338	100.0
FY1986	584 838	100.0	566 944	96.9	17 895	3.1	616 718	100.0
FY1987	650 203	100.0	629 488	96.8	20 715	3.2	641 911	100.0
FY1988	765 439	100.0	737 872	96.4	27 567	3.6	726 468	100.0
FY1989	921 575	100.0	890 664	96.6	30 911	3.4	1 207 351	100.0
FY1990	1 092 401	100.0	1 053 410	96.4	38 991	3.6	1 097 518	100.0
FY1991	1 049 931	100.0	997 536	95.0	52 395	5.0	1 275 613	100.0
FY1992	1 257 568	100.0	1 218 653	96.9	38 915	3.1	1 561 930	100.0
FY1993	1 416 334	100.0	1 352 986	95.5	63 348	4.5	1 756 306	100.0
FY1994	1 502 754	100.0	1 441 922	96.0	60 832	4.0	1 826 367	100.0
FY1995	1 559 429	100.0	1 522 624	97.6	36 805	2.4	1 910 066	100.0
FY1996	1 604 184	100.0	1 550 943	96.7	53 241	3.3	1 843 786	100.0
FY1997	1 704 759	100.0	1 629 420	95.6	75 338	4.4	1 878 764	100.0
FY1998	2 053 458	100.0	1 960 620	95.5	92 838	4.5	1 992 593	100.0
FY1999	2 004 394	100.0	1 867 081	93.1	137 313	6.9	2 050 004	100.0
FY2000 ¹	2 784 863	100.0	2 679 563	96.2	105 299	3.8	3 140 936	100.0
2001	1 896 841	100.0	1 809 035	95.4	87 805	4.6	2 271 755	100.0
2002	1 787 919	100.0	1 706 602	95.5	81 317	4.5	2 144 994	100.0
2003	1 948 847	100.0	1 834 654	94.1	114 193	5.9	2 216 514	100.0
2004 ^①	1 927 400	100.0	1 845 279	95.7	82 121	4.3	2 245 047	100.0
2005 ^①	2 218 039	100.0	2 108 064	95.0	109 976	5.0	2 291 999	100.0
2006 ^①	2 177 018	100.0	2 094 023	96.2	82 995	3.8	2 214 226	100.0
2007	2 244 758	100.0	2 189 035	97.5	55 724	2.5	2 290 169	100.0
2008	2 231 580	100.0	2 181 195	97.7	50 385	2.3	2 341 678	100.0

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

expenditures of general government

and capital

Net expenditures				Surplus or deficit					
Current		Capital		Total		Current		Capital	
Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)
342 524	67.7	163 699	32.3	9 690	1.9	160 496	31.9	- 150 809	- 92.1
382 713	70.1	163 625	29.9	- 3 735	- 0.7	148 362	27.9	- 152 098	- 93.0
434 112	70.4	182 606	29.6	- 31 880	- 5.5	132 831	23.4	- 164 711	- 90.2
443 239	69.0	198 672	31.0	8 292	1.3	186 249	29.6	- 177 957	- 89.6
485 901	66.9	240 567	33.1	38 971	5.1	251 971	34.1	- 213 001	- 88.5
577 967	47.9	629 384	52.1	- 285 775	- 31.0	312 697	35.1	- 598 473	- 95.1
702 812	64.0	394 706	36.0	- 5 116	- 0.5	350 599	33.3	- 355 715	- 90.1
823 188	64.5	452 425	35.5	- 225 682	- 21.5	174 348	17.5	- 400 030	- 88.4
919 058	58.8	642 872	41.2	- 304 362	- 24.2	299 595	24.6	- 603 957	- 93.9
1 025 405	58.4	730 902	41.6	- 339 972	- 24.0	327 581	24.2	- 667 553	- 91.3
1 163 298	63.7	663 069	36.3	- 323 613	- 21.5	278 624	19.3	- 602 237	- 90.8
1 328 425	69.5	581 641	30.5	- 350 637	- 22.5	194 199	12.8	- 544 836	- 93.7
1 383 725	75.0	460 061	25.0	- 239 602	- 14.9	167 218	10.8	- 406 820	- 88.4
1 463 449	77.9	415 315	22.1	- 174 005	- 10.2	165 972	10.2	- 339 976	- 81.9
1 545 052	77.5	447 542	22.5	60 865	3.0	415 568	21.2	- 354 704	- 79.3
1 554 405	75.8	495 598	24.2	- 45 609	- 2.3	312 676	16.7	- 358 286	- 72.3
2 529 683	80.5	611 253	19.5	- 356 074	- 12.8	149 880	5.6	- 505 954	- 82.8
1 771 630	78.0	500 125	22.0	- 374 915	- 19.8	37 405	2.1	- 412 320	- 82.4
1 649 952	76.9	495 042	23.1	- 357 075	- 20.0	56 651	3.3	- 413 726	- 83.6
1 683 569	76.0	532 946	24.0	- 267 667	- 13.7	151 085	8.2	- 418 752	- 78.6
1 703 657	75.9	541 390	24.1	- 317 647	- 16.5	141 622	7.7	- 459 269	- 84.8
1 729 489	75.5	562 510	24.5	- 73 960	- 3.3	378 575	18.0	- 452 534	- 80.4
1 754 091	79.2	460 134	20.8	- 37 208	- 1.7	339 932	16.2	- 377 140	- 82.0
1 801 511	78.7	488 658	21.3	- 45 411	- 2.0	387 523	17.7	- 432 934	- 88.6
1 810 210	77.3	531 468	22.7	- 110 098	- 4.9	370 985	17.0	- 481 083	- 90.5

Table 137. Net revenues and

Items	FY 1985	FY 1986	FY 1987	FY 1988
Net revenues by sources, total	542 603	584 838	650 203	765 439
	-	-	-	-
Revenues from taxes	353 109	356 975	415 318	511 637
Revenues from monopolies	41 738	44 824	46 137	46 409
Fees	16 267	16 859	18 917	22 087
Fines and indemnities	11 497	12 018	10 841	8 179
Surplus of public enterprises & public utilities	76 779	99 646	102 626	111 727
Profits of public properties	2 070	2 436	2 135	3 024
Capitals from sales of properties & recalled capital	11 527	17 895	20 715	27 567
Donations and contributions	565	364	470	476
Others	29 051	33 821	33 043	34 333
Net expenditures by administrative affairs , total	546 338	616 718	641 911	726 468
General administration	61 968	70 077	72 074	80 222
National defense	135 243	153 588	148 798	160 375
Education science and culture	111 522	129 018	133 700	147 183
Education	-	-	-	-
Science	-	-	-	-
Culture	-	-	-	-
Economic development	138 021	154 534	171 364	192 406
Agriculture	-	-	-	-
Industry	-	-	-	-
Transportation & communication	-	-	-	-
Other economic service	-	-	-	-
Social welfare	34 279	40 591	37 085	55 169
Social insurance	-	-	-	-
Social relief	-	-	-	-
Benefit service	-	-	-	-
Employment service	-	-	-	-
Medical care	-	-	-	-
Community development & environmental protection	14 001	15 786	18 266	21 883
Community development	-	-	-	-
Environmental protection	-	-	-	-
Pension & survivors' benefits	40 462	42 888	47 724	55 242
Obligations	6 032	5 394	6 989	8 000
Miscellaneous expenditure	4 809	4 841	5 911	5 988

expenditures of general government (continued)

Millions of N.T. Dollars

FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996
921 575	1 092 401	1 049 931	1 257 568	1 416 334	1 502 754	1 559 429	1 604 184
629 753	794 812	748 508	909 110	983 387	1 062 778	1 170 856	1 141 838
47 666	52 921	60 113	58 513	62 109	64 703	61 408	55 959
24 863	25 364	23 846	34 403	51 123	44 194	58 913	59 939
9 770	11 467	13 815	18 757	21 760	25 383	28 391	31 918
128 210	121 418	94 835	141 045	166 471	184 914	141 956	181 094
3 886	3 916	5 949	7 582	17 290	11 854	14 824	16 346
30 911	38 991	52 395	38 915	63 348	60 832	36 805	53 241
442	584	620	1 016	1 051	425	769	875
46 074	42 929	49 851	48 227	49 794	47 671	45 507	62 975
1 207 351	1 097 518	1 275 613	1 561 930	1 756 306	1 826 367	1 910 066	1 843 786
97 299	125 786	153 278	198 348	208 961	216 069	222 403	243 973
187 908	210 974	227 099	239 398	253 511	321 821	269 960	284 926
205 001	227 271	288 077	324 834	350 351	382 197	357 487	374 401
-	-	204 697	260 858	282 419	313 144	287 896	297 999
-	-	45 679	45 094	44 143	43 002	43 991	50 453
-	-	37 701	18 882	23 789	26 052	25 601	25 948
541 385	302 281	322 087	461 821	545 651	468 080	438 152	329 135
-	-	69 534	196 127	71 604	129 710	89 799	86 220
-	-	28 024	76 753	128 416	54 617	36 028	24 729
-	-	185 715	108 383	257 713	216 267	264 186	168 165
-	-	38 814	80 557	87 918	67 486	48 139	50 021
65 488	96 207	117 772	135 040	145 759	158 523	231 766	290 002
-	-	33 378	46 765	47 640	50 491	94 749	125 545
-	-	13 581	6 334	9 607	9 745	20 968	30 222
-	-	46 374	53 780	57 838	65 957	83 449	100 833
-	-	2 851	2 801	3 254	3 545	3 313	4 369
-	-	21 587	25 361	27 419	28 785	29 288	29 033
26 104	31 248	33 089	63 042	72 163	81 543	65 309	68 035
-	-	8 200	16 414	18 677	22 968	17 077	18 785
-	-	24 890	46 628	53 486	58 575	48 231	49 250
61 983	76 246	88 320	94 975	102 076	111 237	118 121	137 118
10 701	16 755	33 398	33 936	63 894	75 179	194 890	106 061
11 483	10 749	12 492	10 537	13 941	11 717	11 978	10 135

Table 137. Net revenues and

Items	FY 1997	FY 1998	FY 1999	FY 2000
Net revenues by sources, total	1 704 759	2 053 458	2 004 394	2 784 863
	-	-	-	-
Revenues from taxes	1 213 274	1 339 605	1 299 740	1 852 451
Revenues from monopolies	58 179	57 448	55 322	77 316
Fees	65 894	68 946	67 179	112 252
Fines and indemnities	32 557	38 140	38 705	59 704
Surplus of public enterprises & public utilities	180 797	361 574	324 851	458 420
Profits of public properties	19 570	41 483	25 416	26 555
Capitals from sales of properties & recalled capital	75 338	92 838	137 313	105 299
Donations and contributions	1 492	1 644	1 508	2 749
Others	57 657	51 781	54 360	90 116
Net expenditures by administrative affairs , total	1 878 764	1 992 593	2 050 004	3 140 936
General administration	244 757	257 265	279 113	468 033
National defense	291 920	312 286	286 571	357 757
Education science and culture	375 822	411 513	429 127	655 109
Education	296 076	326 163	333 218	517 070
Science	51 689	55 077	60 650	93 191
Culture	28 057	30 273	35 259	44 849
Economic development	295 035	335 012	351 103	474 895
Agriculture	103 823	109 786	98 947	140 335
Industry	18 416	20 676	21 041	49 437
Transportation & communication	132 233	141 243	185 601	218 688
Other economic service	40 564	63 307	45 514	66 435
Social welfare	294 982	282 767	280 452	531 809
Social insurance	114 480	116 843	111 788	214 917
Social relief	36 000	25 000	23 603	94 368
Benefit service	111 141	110 149	114 610	179 133
Employment service	4 981	3 466	3 631	3 271
Medical care	28 381	27 308	26 819	40 120
Community development & environmental protection	68 614	74 850	90 310	106 102
Community development	16 838	16 801	34 320	36 885
Environmental protection	51 776	58 049	55 990	69 217
Pension & survivors' benefits	179 723	187 673	180 582	265 079
Obligations	115 630	115 896	140 910	270 252
Miscellaneous expenditure	12 280	15 331	11 836	11 900

expenditures of general government (continued)

Millions of N.T. Dollars

2001	2002	2003	2004	2005	2006	2007	2008
1 896 841	1 787 919	1 948 847	1 927 400	2 218 039	2 177 018	2 244 758	2 231 580
1 200 278	1 190 874	1 220 116	1 353 410	1 531 297	1 556 652	1 685 875	1 710 617
57 563	346	-	-	-	-	-	-
76 932	125 261	76 452	85 330	88 816	91 135	96 579	94 302
41 996	44 835	42 055	42 328	43 254	42 488	44 646	46 690
346 581	260 869	417 621	289 974	375 663	325 939	291 799	264 907
20 319	12 943	12 611	11 833	12 829	14 414	15 103	14 265
87 762	81 317	114 192	82 121	109 975	82 994	55 724	50 385
3 748	2 053	4 944	5 329	5 716	6 947	7 845	8 862
61 662	69 420	60 858	57 075	50 490	56 449	47 188	41 551
2 271 755	2 144 994	2 216 514	2 245 047	2 291 999	2 214 226	2 290 169	2 341 678
328 736	325 815	331 885	334 797	341 874	345 237	343 950	350 444
247 597	225 243	237 946	253 019	247 472	234 699	255 854	262 150
430 078	437 756	464 186	469 544	473 243	484 827	492 625	494 763
326 658	339 731	329 977	341 396	347 706	358 297	362 618	362 246
67 847	69 839	95 097	92 023	93 908	91 592	96 214	95 122
35 573	28 185	39 112	36 125	31 629	34 939	33 792	37 394
398 792	405 257	400 910	412 870	430 476	341 944	383 298	431 726
128 099	110 932	121 044	138 460	144 984	95 926	106 788	112 740
23 180	17 695	25 972	22 071	23 358	19 172	16 004	34 201
201 421	192 983	194 450	202 348	214 578	185 087	218 338	234 158
46 092	83 646	59 444	49 991	47 557	41 758	42 167	50 627
396 981	323 615	346 911	347 557	357 762	370 303	372 202	367 791
201 574	153 353	169 893	153 324	162 222	163 152	162 548	147 635
39 016	19 649	18 180	19 572	20 658	20 295	23 245	25 414
126 862	120 266	120 561	138 848	144 471	153 396	151 322	158 072
2 900	2 613	4 084	2 673	2 506	2 615	2 480	2 252
26 629	27 733	34 194	33 140	27 906	30 845	32 607	34 417
109 597	71 702	90 061	95 008	100 704	88 849	87 282	82 037
63 360	20 542	31 535	38 712	38 429	25 653	24 520	13 513
46 238	51 160	58 526	56 296	62 275	63 196	62 762	68 524
175 722	170 988	173 223	179 665	191 531	196 963	200 677	202 210
171 565	170 966	159 667	139 331	132 639	138 331	139 380	134 697
12 687	13 652	11 726	13 254	16 298	13 072	14 901	15 860

Table 138. Total tax

Items	FY 1979	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
Total	220 521	261 349	315 049	338 090	342 379	383 364
Taxes	199 345	237 187	281 087	300 496	302 478	343 212
National taxes	131 750	155 462	180 106	172 531	171 793	194 064
Customs duties	53 597	57 003	57 781	56 323	55 570	67 622
Salt tax	-	-	-	-	-	-
Mining concession tax	14	24	26	22	24	22
Income tax	35 694	45 052	58 147	65 542	65 016	67 957
Business income tax	21 816	26 241	31 531	33 411	28 994	33 850
Individual income tax	13 879	18 811	26 616	32 131	36 022	34 106
Estate and gift tax	884	1 087	1 690	1 930	2 094	2 745
Commodity tax	32 761	41 678	49 202	48 195	48 171	54 471
Tobacco and alcohol tax	-	-	-	-	-	-
Stamp tax	8 022	10 180	12 567	-	-	-
Securities transactions tax	778	439	692	519	918	1 247
Futures transactions tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Provincial & city taxes	51 903	63 537	81 176	62 170	63 880	73 948
Land tax	24 087	26 999	35 877	-	-	-
Agricultural land tax	867	908	1 086	-	-	-
Land value tax	9 257	10 388	10 524	-	-	-
Land value increment tax	13 963	15 704	24 266	-	-	-
Business tax	15 669	20 543	26 638	30 183	31 486	35 871
Stamp tax	-	-	-	13 224	13 723	16 186
Vehicle license tax	2 195	4 586	5 445	6 105	6 582	7 368
Harbour construction dues	9 952	11 409	13 216	12 658	12 089	14 523
Municipality & county(city) taxes	15 692	18 187	19 805	65 795	66 805	75 200
Land tax	-	-	-	41 143	41 051	47 196
Agricultural land tax	-	-	-	1 160	1 318	1 115
Land value tax	-	-	-	10 509	10 664	10 756
Land value increment tax	-	-	-	29 473	29 069	35 325
House tax	6 550	7 733	10 740	14 267	16 075	17 559
Vehicle license tax	-	-	-	-	-	-
Deeds tax	3 654	4 201	4 458	5 447	4 990	5 605
Stamp tax	-	-	-	-	-	-
Amusement tax	918	1 098	1 255	1 432	1 453	1 341
Slaughter tax	3 438	3 780	3 331	3 506	3 236	3 498
Feast tax	1 132	1 375	21	-	-	-
Monopoly revenues	21 176	24 162	33 963	37 594	39 901	40 152
Financial enterprises business tax	-	-	-	-	-	-
Health and welfare surcharge on tobacco	-	-	-	-	-	-

Note : ¹ Surtaxes and temporary taxes are included.

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

³ Fiscal Year(FY) means the period starting from July 1 of previous year to June 30 of current year, due to the amendment of Budget Law, FY 2000 covers 18 months starting from July, 1999 to December, 2000 and since 2001 the period of fiscal year is coincided with calendar year.

Table 138. Total tax

Items	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Total	1 127 481	1 232 264	1 197 797	1 271 453	1 397 052	1 355 062
Taxes	1 062 778	1 170 856	1 141 838	1 213 274	1 339 605	1 299 740
National taxes	571 481	662 201	661 414	706 200	808 298	788 392
Customs duties	102 941	115 366	104 806	103 406	114 331	103 045
Salt tax	-	-	-	-	-	-
Mining concession tax	14	13	12	14	11	11
Income tax	266 020	319 384	343 550	352 890	398 390	432 389
Business income tax	115 277	146 783	148 444	146 591	163 355	194 251
Individual income tax	150 744	172 601	195 106	206 300	235 036	238 138
Estate and gift tax	19 292	21 458	24 453	24 326	25 519	21 568
Commodity tax	143 791	156 757	154 673	146 445	150 363	145 497
Tabacco and alcohol tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Securities transactions tax	39 422	49 223	33 920	79 118	119 683	84 677
Futures transactions tax	-	-	-	-	-	1 204
Business tax	-	-	-	-	-	-
Provincial & city taxes	229 363	251 431	260 122	269 275	293 087	302 397
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	196 098	214 248	216 837	223 450	243 998	251 782
Stamp tax	6 178	6 737	6 917	6 755	7 094	7 399
Vehicle license tax	27 087	30 446	36 367	39 070	41 996	43 216
Harbour construction dues	-	-	-	-	-	-
Municipality & county(city) taxes	261 934	257 223	220 302	237 798	238 220	208 951
Land tax	206 379	193 615	158 134	174 783	173 803	148 313
Agricultural land tax	0	0	1	0	0	-
Land value tax	35 272	38 261	42 361	42 291	45 315	46 853
Land value increment tax	171 107	155 354	115 772	132 492	128 488	101 460
House tax	36 776	40 200	42 946	45 852	48 302	45 852
Vehicle license tax	-	-	-	-	-	-
Deeds tax	17 497	21 829	17 370	15 509	14 346	13 096
Stamp tax	-	-	-	-	-	-
Amusement tax	1 282	1 579	1 851	1 655	1 769	1 690
Slaughter tax	-	-	-	-	-	-
Monopoly revenues	64 703	61 408	55 959	58 179	57 448	55 322
Financial enterprises business tax	-	-	-	-	-	-
Health and welfare surcharge on tobacco	-	-	-	-	-	-

revenues (continued)

Millions of N.T. Dollars

FY2000	2001	2002	2003	2004	2005	2006	2007	2008
1 929 767	1 257 841	1 225 601	1 252 766	1 387 300	1 567 396	1 600 804	1 733 895	1 760 438
1 852 451	1 200 278	1 190 874	1 220 116	1 353 410	1 531 297	1 556 652	1 685 875	1 710 617
1 513 155	997 266	981 610	991 380	1 097 710	1 269 563	1 295 680	1 420 741	1 461 840
156 815	92 558	85 901	82 783	78 885	82 374	79 567	81 859	80 426
-	-	-	-	-	-	-	-	-
15	9	10	10	4	1	0	0	0
610 580	478 636	392 939	411 087	455 914	625 807	646 218	730 160	834 988
307 035	233 678	165 759	213 683	241 089	329 357	311 888	382 634	445 245
303 545	244 958	227 180	197 404	214 825	296 450	334 330	347 526	389 744
39 135	22 710	23 537	30 106	29 048	30 451	28 694	28 481	28 978
219 425	133 883	143 641	146 012	159 644	168 411	159 201	149 037	126 660
-	-	41 188	49 773	48 336	50 443	51 042	50 415	49 506
-	-	-	-	-	-	-	-	-
160 292	63 899	76 794	69 283	84 148	68 204	89 954	128 895	90 630
2 484	1 862	2 864	4 806	8 272	6 342	4 072	5 758	6 692
324 410	203 707	214 735	197 521	233 460	237 531	236 931	246 137	243 961
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
339 296	202 987	209 241	228 718	255 691	261 725	260 964	265 129	248 772
215 533	93 182	98 069	111 803	133 893	135 370	131 208	133 691	116 082
-	-	-	-	-	-	-	-	-
92 039	50 920	50 169	50 762	52 617	53 706	54 660	59 009	59 127
123 494	42 262	47 900	61 041	81 276	81 664	76 547	74 682	56 955
48 516	48 056	46 464	48 013	49 323	50 877	52 494	53 883	55 343
46 689	44 688	45 886	47 765	49 904	51 863	52 548	53 271	53 255
15 267	8 493	10 262	11 600	12 937	13 178	14 014	13 637	12 696
11 032	7 036	6 911	7 786	7 771	8 458	8 714	8 837	9 650
2 260	1 533	1 649	1 751	1 862	1 979	1 986	1 809	1 745
-	-	-	-	-	-	-	-	-
77 316	57 563	346	-	-	-	-	-	-
-	-	26 083	22 433	24 230	25 712	26 644	28 131	29 706
-	-	8 298	10 217	9 661	10 387	17 508	19 888	20 115

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FINANCE

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

The financial institutions refer to business firms registered according to law with the competent authorities to engage in banking and financial business. They can be classified into two categories, i.e., monetary institutions which are capable of creating money supply and other financial institutions which are incapable of creating money supply. The monetary institutions include the Central Bank of China, domestic banks, local branches of foreign banks, medium business banks, credit cooperatives, credit departments of farmers' and fishermen's associations. With the exception of the Central Bank of China, all of the monetary institutions are also called the deposit money institutions. The other financial institutions include trust and investment companies, postal savings system, and life insurance companies. In compilation of financial statistics, property and casualty insurance companies, bills finance companies, and securities finance companies are not considered a part of the financial institutions sector because the liability instruments they offer are significantly different from those offered by financial institutions. Instead, they are viewed as a part of the private enterprises sector.

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

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

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

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

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

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

Table 139. Exchange rates, money supply and reserve money

End of Year	Exchange rates ¹ (N.T. Dollars per U.S. Dollar)		Money supply (M _{1B}) (100 Millions of N.T. \$)	Reserve money (100 Millions of N.T. \$)
	Buying	Selling		
1979	35.98	36.08	3 234	1 684
1980	35.96	36.06	3 969	1 965
1981	37.79	37.89	4 516	2 404
1982	39.86	39.96	5 175	2 661
1983	70.22	40.32	6 129	3 155
1984	39.42	39.52	6 696	3 620
1985	39.80	39.90	7 515	4 216
1986	35.45	35.55	11 379	5 499
1987	28.50	28.60	15 631	6 998
1988	28.12	28.22	19 452	8 818
1989	26.160		20 628	11 555
1990	27.108		19 256	11 564
1991	25.748		21 584	12 653
1992	25.403		24 258	14 119
1993	26.626		27 971	15 014
1994	26.240		31 393	16 688
1995	27.265		31 631	16 381
1996	27.491		34 261	16 525
1997	32.638		37 153	16 413
1998	32.216		38 548	16 651
1999	31.395		45 072	16 433
2000	32.992		44 921	15 834
2001	34.999		50 259	14 561
2002	34.753		54 916	15 688
2003	33.978		65 528	16 194
2004	31.917		73 680	17 177
2005	32.850		78 711	17 585
2006	32.596		82 226	18 832
2007	32.443		82 200	19 475
2008	32.860		81 537	21 254

Note : ¹ Before 1989, data refers to spot rate fixed daily by Foreign Exchange Center. From 1989 onward, it refers to interbank closing rate.

Table 140. International liquidity

End of Year	International reserves minus gold (Millions of U.S. Dollars)		Gold reserves	
	Total	Foreign exchange	Millions of U.S. Dollars	Millions fine troy ounces
1979	1 392	1 392	...	2.413
1980	2 205	2 205	...	3.188
1981	7 235	7 235	...	3.258
1982	8 532	8 532	...	3.745
1983	11 859	11 859	...	4.114
1984	15 664	15 664	86.1	4.464
1985	22 556	22 556	964.4	5.012
1986	46 310	46 310	1 313.3	5.574
1987	76 748	76 748	2 697.9	7.667
1988	73 897	73 897	5 395.3	13.487
1989	73 224	73 224	5 827.9	13.537
1990	72 441	72 441	5 623.1	13.537
1991	82 405	82 405	5 920.2	13.537
1992	82 306	82 306	6 001.9	13.544
1993	83 573	83 573	5 724.9	13.558
1994	92 454	92 454	5 819.2	13.565
1995	90 310	90 310	5 600.5	13.572
1996	88 038	88 038	5 555.9	13.565
1997	83 502	83 502	4 684.1	13.565
1998	90 341	90 341	4 743.3	13.570
1999	106 200	106 200	4 861.3	13.570
2000	106 742	106 742	4 627.6	13.560
2001	122 211	122 211	4 361.2	13.560
2002	161 656	161 656	4 390.4	13.560
2003	206 632	206 632	4 507.5	13.620
2004	241 738	241 738	4 822.3	13.610
2005	253 290	253 290	4 662.1	13.610
2006	266 148	266 148	4 692.0	13.610
2007	270 311	270 311	4 716.0	13.610
2008	291 707	291 707	4 681.9	13.620

Table 141. Rates of

Effective date of change	Discount	Accommodations with collateral	Accommodations without collateral	Accommodations in foreign currencies ¹	Accommodations for export financing (N.T. Dollars)
Nov. 24 1994	5.500	5.875	9.625	LIBOR 6M	-
Feb. 27 1995	5.800	6.000	9.625	LIBOR 6M	-
July 25	5.500	5.875	9.625	LIBOR 6M	-
May 24 1996	5.250	5.625	9.625	LIBOR 6M	-
Aug. 9	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	5.000	5.375	9.625	LIBOR 6M	-
Dec. 8	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	4.750	5.125	9.625	LIBOR 6M	-
Dec. 29	4.625	5.000	9.625	LIBOR 6M	-
Feb. 2 2001	4.375	4.750	9.625	LIBOR 6M	-
Mar. 6	4.250	4.625	9.625	LIBOR 6M	-
Mar. 30	4.125	4.500	9.625	LIBOR 6M	-
Apr. 23	4.000	4.375	9.625	LIBOR 6M	-
May 18	3.750	4.125	6.000	LIBOR 6M	-
June 29	3.500	3.875	5.750	LIBOR 6M	-
Aug. 20	3.250	3.625	5.500	LIBOR 6M	-
Sep. 19	2.750	3.125	5.000	LIBOR 6M	-
Oct. 4	2.500	2.875	4.750	LIBOR 6M	-
Nov. 8	2.250	2.625	4.500	LIBOR 6M	-
Dec. 28	2.125	2.500	4.375	LIBOR 6M	-

Notes : ¹ 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	Discount	Accommodations with collateral	Accommodations without collateral	Accommodations in foreign currencies	Accommodations for export financing (N.T. Dollars)
June 28 2002	1.875	2.250	4.125	LIBOR 6M	-
Nov. 12	1.625	2.000	3.875	LIBOR 6M	-
June 27 2003	1.375	1.750	3.625	LIBOR 6M	-
Oct. 1 2004	1.625	2.000	3.875	LIBOR 6M	-
Dec. 31	1.750	2.125	4.000	LIBOR 6M	-
Mar. 25 2005	1.875	2.250	4.125	LIBOR 6M	-
July 1	2.000	2.375	4.250	LIBOR 6M	-
Sep. 16	2.125	2.500	4.375	LIBOR 6M	-
Dec. 23	2.250	2.625	4.500	LIBOR 6M	-
Mar. 31 2006	2.375	2.750	4.625	LIBOR 6M	-
June 30	2.500	2.875	4.750	LIBOR 6M	-
Sep. 29	2.625	3.000	4.875	LIBOR 6M	-
Dec. 29	2.750	3.125	5.000	LIBOR 6M	-
Mar. 30 2007	2.875	3.250	5.125	LIBOR 6M	-
June 22	3.125	3.500	5.375	LIBOR 6M	-
Sep. 21	3.250	3.625	5.500	LIBOR 6M	-
Dec. 21	3.375	3.750	5.625	LIBOR 6M	-
Mar. 28 2008	3.500	3.875	5.750	LIBOR 6M	-
June 27	3.625	4.000	5.875	LIBOR 6M	-
Sep. 26	3.500	3.875	5.750	LIBOR 6M	-
Oct. 9	3.250	3.625	5.500	LIBOR 6M	-
Oct. 30	3.000	3.375	5.250	LIBOR 6M	-
Nov. 10	2.750	3.125	5.000	LIBOR 6M	-
Dec. 12	2.000	2.375	4.250	LIBOR 6M	-
Jan. 8 2009	1.500	1.875	3.750	LIBOR 6M	-
Feb. 19	1.250	1.625	3.500	LIBOR 6M	-

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		
			1-91 days	92-182 days	183-364 days
1993	4 214.78	6.41	7.22	5.66	-
1994	6 252.99	6.13	5.81	6.27	-
1995	5 543.75	6.19	4.99	5.97	-
1996	6 003.72	5.44	5.13	6.05	-
1997	8 410.56	6.85	6.88	6.89	-
1998	7 737.68	6.56	4.74	5.15	-
1999	7 426.69	4.77	4.83	4.93	4.94
2000	7 847.21	4.73	-	4.91	4.94
2001	4 907.43	3.69	-	3.90	2.42
2002	5 225.61	2.05	-	-	2.16
2003	5 161.90	1.10	-	1.06	1.05
2004	6 033.78	1.06	-	1.15	1.22
2005	6 092.27	1.31	1.35	1.29	1.54
2006	6 842.04	1.55	-	1.66	-
2007	8 509.56	2.00	-	-	2.05
2008	7 024.06	2.01	-	1.80	1.87

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
1993	9.26	9.63	10.29	10.29	10.15	11.16
1994	8.98	9.65	10.02	10.07	9.93	10.64
1995	8.88	9.61	9.87	9.87	9.74	10.15
1996	8.55	9.39	9.47	9.62	9.56	9.73
1997	8.25	9.69	8.94	9.16	9.23	9.08
1998	8.48	10.37	8.96	9.03	9.22	8.87
1999	8.03	10.14	8.14	8.64	8.72	8.53
2000	7.61	9.63	7.61	8.24	8.39	8.26
2001	6.99	9.14	6.88	7.70	7.84	7.30
2002	5.53	7.27	5.66	6.39	6.74	6.55
2003	4.10	5.70	4.37	4.64	5.16	5.01
2004	3.47	4.36	3.67	3.59	4.01	3.96
2005	3.50	2.88	3.42	3.35	3.51	3.69
2006	3.38	2.88	3.20	3.35	3.29	3.50
2007	3.31	2.98	3.10	3.39	3.30	3.70
2008	3.43	3.21	3.25	3.58	3.42	3.82

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		
1981 Outstanding	25 722	15 896	22	9 102	702
1982 Outstanding	43 386	33 624	18	7 602	2 142
1983 Outstanding	48 338	37 887	15	5 922	4 514
1984 Outstanding	43 109	30 574	14	7 102	5 419
1985 Outstanding	66 429	49 870		8 380	8 179
1986 Outstanding	92 131	73 508		9 880	8 743
1987 Outstanding	130 741	105 072		13 660	12 009
1988 Outstanding	183 939	151 422		20 920	13 390
1989 Outstanding	222 815	169 847		31 520	21 448
1990 Outstanding	188 774	127 437		42 085	19 252
1991 Outstanding	347 647	260 163		63 324	24 160
1992 Outstanding	531 404	451 058		75 175	25 171
1993 Outstanding	722 269	613 540		80 068	28 661
1994 Outstanding	797 758	710 155		65 069	22 534
1995 Outstanding	867 140	805 110		46 848	15 182
1996 Outstanding	996 277	936 146		33 158	26 973
1997 Outstanding	1 034 831	975 394		32 347	31 090
1998 Outstanding	1 043 899	969 422		74 477	
1999 Outstanding	1 245 232	1 181 930		63 302	
2000 Outstanding	1 480 335	1 409 036		71 299	
2001 Outstanding	1 858 304	1 772 613		85 691	
2002 Outstanding	2 214 536	2 124 129		90 407	
2003 Outstanding	2 588 495	2 503 633		84 862	
2004 Outstanding	2 852 667	2 729 233		123 434	
2005 Outstanding	3 142 228	3 013 072		129 156	
2006 Outstanding	3 384 723	3 239 339		145 384	
2007 Outstanding	3 519 847	3 410 030		109 817	
2008 {	Issues	438 700	410 000	28 700	
	Redemption	222 363	210 299	12 064	
	Outstanding	3 736 184	3 609 731	126 453	

Table 145. Consolidated assets and liabilities

End of year	1998	1999	2000	2001
Assets (net)=lia. & net worth (net)	19 605 978	21 132 698	22 127 455	23 112 235
Assets				
Foreign assets	3 724 572	4 310 663	4 883 389	6 002 790
Loans and discounts	13 170 929	13 756 193	14 424 307	14 031 735
Portfolio investments	2 473 012	2 804 848	2 533 247	2 830 783
Claims on other financial institutions	25 268	31 598	77 182	49 430
Real estate investments	45 841	45 805	45 776	45 623
Cash in vaults	166 357	183 591	163 554	151 874
Liabilities & net worth				
Foreign liabilities	478 512	462 269	457 918	539 787
Currency issued	694 452	806 939	708 580	692 912
Deposits held by enterprises & individuals	13 333 438	14 245 395	15 101 903	15 725 930
Government deposits	819 105	925 132	931 978	942 423
Due to other financial institutions	2 468 200	2 824 358	2 953 877	3 126 892
Bank debentures issued	92 420	97 796	91 668	202 611
TB, CDS & SB issued by CBC	190 700	617 235	561 785	953 120
Net worth	2 131 915	2 105 443	2 254 704	2 470 401
Other items (net)	- 602 763	- 951 869	- 934 958	-1 541 841

Table 146. Consolidated assets and liabilities

End of year	1998	1999	2000	2001
Assets (net)=lia. & net worth (net)	21 639 110	23 273 898	24 760 346	26 215 567
Assets				
Foreign assets	3 809 469	4 410 769	5 005 511	6 352 383
Loans and discounts	14 039 819	14 658 192	15 405 259	15 067 541
Portfolio investments	3 398 123	3 775 674	3 908 897	4 358 757
Real estate investments	209 612	232 010	258 593	268 112
Cash in vaults	182 087	197 253	182 087	168 775
Liabilities & net worth				
Foreign liabilities	478 860	462 685	458 659	540 096
Currency issued	694 452	806 939	708 580	692 912
Deposits held by enterprises & individuals	15 624 028	16 820 909	17 935 389	18 775 362
Government deposits	824 027	930 441	938 737	949 400
Trust funds	351 664	379 382	496 549	700 131
Life insurance reserves	1 826 441	2 148 445	2 492 372	2 919 504
Bank debentures issued	92 420	97 796	91 668	202 611
TB CDS & SB issued by CBC	190 700	617 235	561 785	953 120
Net worth	2 444 174	2 350 195	2 450 235	2 681 307
Other items (net)	- 887 656	-1 340 129	-1 373 628	-2 198 876

of monetary institution

Millions of N.T. Dollars

2002	2003	2004	2005	2006	2007 ①	2008
24 322 316	26 807 506	28 763 750	30 871 293	31 916 973	32 797 027	35 012 827
7 319 788	8 847 602	9 300 710	10 434 530	10 983 878	11 363 119	12 933 922
13 727 077	14 323 817	15 857 554	17 136 590	17 561 347	18 001 918	18 461 595
3 035 135	3 438 211	3 401 097	3 111 062	3 186 894	3 230 584	3 413 726
46 013	35 666	33 380	12 941	3 080	19 043	7 010
38 539	281	281	281	1	1	1
155 764	161 929	170 728	175 889	181 773	182 362	196 573
704 089	1 133 784	1 386 852	1 988 576	1 913 686	1 996 370	2 150 224
698 460	785 164	856 951	922 910	959 792	961 715	1 054 290
16 129 129	17 111 869	18 302 725	19 426 561	20 295 678	20 503 450	22 178 577
885 621	923 788	919 153	923 826	888 248	888 972	871 636
3 034 020	2 993 720	2 919 709	2 897 003	2 834 839	3 054 499	2 969 641
377 303	541 227	709 051	811 192	925 915	900 327	878 048
1 947 985	2 992 365	3 562 885	3 520 820	3 755 930	3 460 300	4 334 945
2 537 077	2 770 325	2 531 923	2 722 605	2 933 058	3 306 161	3 370 618
-1 991 368	-2 444 736	-2 425 499	-2 342 200	-2 590 173	-2 274 767	-2 795 152

of financial institution

Millions of N.T. Dollars

2002	2003	2004	2005	2006	2007 ①	2008
28 136 686	31 376 125	34 327 358	37 578 661	39 907 623	40 811 355	43 576 581
7 871 456	9 966 938	10 712 940	12 382 522	13 278 845	13 927 717	15 592 305
14 760 107	15 328 300	16 852 463	18 166 221	18 709 910	19 200 570	19 734 090
5 043 122	5 652 047	6 316 014	6 597 107	7 454 517	7 187 972	7 703 811
286 700	250 618	257 420	239 726	262 635	295 320	324 878
175 301	178 222	188 521	193 085	201 716	199 776	221 497
704 305	1 139 591	1 389 579	1 988 874	1 913 993	1 996 647	2 150 500
698 460	785 164	856 951	922 910	959 792	961 715	1 054 290
19 190 814	20 225 380	21 630 202	23 088 559	24 302 352	24 546 195	26 413 363
890 155	929 697	925 284	931 901	901 968	932 044	948 229
955 769	1 370 028	1 586 074	1 856 404	2 496 023	3 420 323	2 885 596
3 494 402	4 148 006	4 873 543	5 704 449	6 434 160	7 140 109	7 839 316
377 303	541 227	709 051	811 192	925 915	900 327	878 048
1 947 985	2 992 365	3 562 885	3 520 820	3 755 930	3 460 300	4 334 945
2 721 955	3 055 453	2 845 363	3 058 598	3 515 992	3 818 543	3 594 489
-2 844 462	-3 810 786	-4 051 574	-4 305 046	-5 298 502	-6 364 848	-6 522 195

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				
1979	15	512	13	75	278	4
1980	15	520	21	75	281	4
1981	15	564	24	75	281	4
1982	16	581	25	75	283	4
1983	16	556	28	75	283	12
1984	16	561	31	75	282	16
1985	16	585	32	75	283	17
1986	16	601	32	75	284	19
1987	16	632	32	74	282	19
1988	16	663	32	74	282	22
1989	16	692	33	74	285	22
1990	16	721	35	74	285	24
1991	17	756	36	74	285	26
1992	32	897	36	74	285	27
1993	33	1 030	37	74	285	27
1994	34	1 174	37	74	285	27
1995	34	1 361	38	73	285	27
1996	34	1 464	41	73	285	27
1997	39	1 685	45	64	287	27
1998	42	2 052	46	54	287	27
1999	47	2 288	41	50	287	27
2000	48	2 411	39	48	287	27
2001	48	2 712	38	39	260	25
2002	47	2 781	36	37	253	25
2003	45	2 884	36	35	253	25
2004	45	2 944	35	32	254	25
2005	42	2 995	36	29	253	25
2006	40	3 102	33	28	253	25
2007	39	3 190	32	27	261	25
2008	37	3 140	32	27	266	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	2 336	8	1	9	14	3	-
8	1	2 437	8	1	9	14	3	1
8	1	1 511	8	1	9	14	3	1
8	1	1 494	8	1	9	14	3	1
8	1	1 528	8	1	9	14	3	1
8	1	1 570	8	1	9	14	3	1
8	1	1 591	8	1	8	14	3	1
8	1	1 578	8	1	8	14	3	1
8	1	1 579	8	1	8	14	3	1
8	1	1 583	8	1	8	14	3	1
8	1	1 574	8	1	11	19	3	1
8	1	1 582	8	1	15	19	3	1
8	1	1 573	8	1	15	21	3	1
8	1	1 576	7	1	22	22	3	1
8	1	1 585	7	1	27	23	3	1
8	1	1 603	6	1	28	22	3	1
8	1	1 515	5	1	29	22	10	4
8	1	1 523	5	1	30	25	12	4
8	1	1 527	5	1	32	26	14	4
6	1	1 539	4	1	33	25	16	4
5	1	1 547	3	1	33	27	16	4
5	1	1 556	3	1	32	26	16	4
5	1	1 567	3	1	28	27	15	4
5	1	1 466	3	1	29	24	14	4
5	1	1 445	3	1	29	24	14	4
4	1	1 443	3	1	28	24	14	4
4	1	1 444	2	1	29	23	14	4
3	1	1 443	2	1	29	23	12	4
1	1	1 444	1	1	29	22	12	4
1	1	1 444	-	1	29	21	10	4

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PRICES

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

The Wholesale price survey covers a scope limited only to the tradable goods at the processing stage (including materials, semi-finished goods, and finished goods) and importing commodities, excluding such non-tradable products as services, real estates, and securities. The commodities under investigation are picked based on the economic structure of Taiwan Area in the base year, updated once every five years, a practice applicable to all other price indices. The priced commodities include 424 items for consumer prices, 1,123 items for wholesale prices, 273 items for import prices, 275 items for export prices and 106 items for construction cost and 2,364 units for house rent price indices. The investigation is conducted by correspondence inquiry. The price of domestic manufactured goods are surveyed by monthly inquiry mailing to selected companies except the prices of Agriculture, Forestry and Fishing goods are obtained from the digital transmission data dispatch by the Council of Agriculture, Executive Yuan. The designated companies are required to report the actual selling prices of selected commodities most close to the 20th day of a month. (In principal, prices after adjustment for rebates, tax, and shipment, etc.) The prices of import and export goods are directly provided by the Import and Export Price Indices Survey conducted by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

The consumer price survey covers a scope of consumer goods and services purchased by ordinary families, excluding investment or savings goods such as financial assets and real estates. The priced items were selected based on the family consumption structure in the base year. During pricing period, the actual retail prices of the selected items are taken by investigators in 16 pricing counties and cities. Rural areas were included in the pricing scope in the base year of 1981; however, due to the restraint of funding, the priced items have been less than those of the urban areas. In the base year of 2006, a total of 424 items of goods and services were designated for pricing in 8 cities, and the price investigation has since been conducted 3 times a month (specifically on the 5th, 15th and 25th days of the month) for some items or 9 times a month (specifically on the days of the month with the first digit being 2, 5, and 8) for some others, depending on the characteristics of their price changes. A total of 269 items of goods and services were designated for pricing in 8 counties, and price investigation has since been conducted once a month (specifically on the 15th day of the month) for some items or 3 times a month (specifically on the days of the month with the first digit being 5).

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

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

Table 148. Indices of wholesale price

2006 = 100

Items	2003	2004	2005	2006	2007	2008
General index	87.91	94.09	94.67	100.00	106.47	111.95
Domestic sales including imports	83.84	91.80	93.55	100.00	107.59	116.82
Domestic sales excluding imports	84.88	93.61	95.00	100.00	106.39	115.48
Imports	82.64	89.72	91.90	100.00	108.95	118.58
Exports	98.44	100.03	97.57	100.00	103.56	101.34
Basic group indices						
Agriculture, forestry, livestock & fishery products	90.26	102.04	103.14	100.00	108.71	132.13
Farm products	86.51	99.52	103.12	100.00	113.98	134.13
Poultry & livestock products	97.41	109.57	109.14	100.00	105.42	133.49
Forest products	73.77	88.88	92.75	100.00	115.81	111.58
Aquatic products	91.55	100.10	97.38	100.00	100.65	126.07
Quarrying and mineral products	51.99	64.93	82.95	100.00	113.17	150.33
Energy minerals	49.64	60.28	79.96	100.00	111.63	144.92
Manufacturing products	90.77	96.30	95.28	100.00	105.84	108.05
Foods	90.21	96.23	96.27	100.00	109.12	121.52
Beverages	98.35	98.64	99.59	100.00	100.29	102.08
Tobaccos	90.83	92.49	91.88	100.00	102.94	102.49
Textile products	98.27	99.91	98.57	100.00	104.55	107.01
Ready-made apparel & accessories	106.06	103.06	99.59	100.00	100.30	97.02
Leather, fur & related products	95.04	96.99	97.10	100.00	105.13	104.77
Lumber & bamboo products	93.94	98.61	96.79	100.00	105.54	109.55
Pulp, paper & allied products	97.85	100.73	98.53	100.00	106.11	116.04
Petroleum & coal products	63.63	72.35	84.13	100.00	112.20	135.12
Chemical material	68.04	87.20	92.54	100.00	110.35	116.34
Chemical products & medical goods	99.85	98.43	98.19	100.00	102.75	107.46
Rubber & plastic products	92.92	96.91	97.49	100.00	103.28	109.41
Non-metallic mineral products	87.33	97.04	97.26	100.00	105.63	113.97
Basic metal	58.88	79.92	83.11	100.00	121.90	134.65
Fabricated metal products	81.40	94.95	97.12	100.00	110.65	119.31
Electronic parts & components	118.15	114.15	102.58	100.00	96.00	85.18
Computers, electronic & optical products	127.07	116.82	104.63	100.00	96.10	87.49
Electrical equipment	82.67	85.60	87.26	100.00	105.12	106.52
Machinery & equipment	101.63	102.39	99.68	100.00	101.66	105.72
Transportation equipment & parts	102.05	102.62	100.52	100.00	101.29	103.93
Furniture & fixtures	93.66	97.59	98.69	100.00	101.78	106.85
Miscellaneous products	94.72	96.84	97.58	100.00	102.56	103.79
Water supply, electricity & gas	93.53	94.30	95.36	100.00	104.55	113.46
Water supply	94.68	94.68	94.68	100.00	100.00	100.00
Electricity	96.25	96.25	96.25	100.00	103.61	113.05
Gas	78.64	83.84	90.99	100.00	111.57	120.86

Table 149. Indices of wholesale price by industry

2006 = 100

Groups	Agriculture, forestry livestock & fishery products	Minerals products	Manufacturing products	Non-heavy chemical industrial products	Heavy chemical industrial products	Water supply, electricity & gas
1994	87.85	23.18	88.93	85.08	92.84	89.86
1995	91.29	25.88	95.83	91.46	100.24	90.46
1996	96.73	28.96	94.03	92.44	96.13	90.48
1997	85.78	32.58	94.01	93.77	95.00	91.57
1998	93.67	30.40	94.45	97.24	94.06	91.95
1999	99.33	34.84	88.88	94.27	87.24	90.99
2000	88.78	43.31	90.47	93.39	89.93	92.88
2001	84.56	43.13	89.35	94.25	87.91	93.00
2002	84.43	45.38	89.21	95.29	87.22	92.62
2003	90.26	51.99	90.77	96.34	89.12	93.53
2004	102.04	64.93	96.30	98.44	95.66	94.30
2005	103.14	82.95	95.28	97.80	94.53	95.36
2006	100.00	100.00	100.00	100.00	100.00	100.00
2007	108.71	113.17	105.84	104.20	106.32	104.55
2008	132.13	150.33	108.05	108.57	108.03	113.46

Table 150. Indices of wholesale price by stage of processing

2006 = 100

Groups	Raw materials	Intermediate materials	Finished goods	Capital goods	Consumer goods	Durable consumer goods	Non-durable consumer goods
1994	41.06	79.88	102.56	121.59	95.39	112.88	90.96
1995	43.37	88.04	105.78	123.75	98.74	115.69	94.56
1996	44.91	84.48	105.80	116.59	100.38	115.12	96.98
1997	45.30	83.58	102.54	111.82	97.56	113.80	93.59
1998	45.21	81.33	103.50	116.99	97.74	115.12	92.99
1999	50.18	77.23	101.45	113.63	96.19	113.26	91.53
2000	53.02	81.05	100.03	110.35	95.47	113.79	90.56
2001	52.25	78.73	99.34	109.51	94.85	111.86	90.21
2002	55.10	78.93	99.34	107.83	95.47	108.86	91.59
2003	62.29	82.75	99.65	107.27	96.20	106.63	93.11
2004	75.66	92.24	100.32	105.35	98.04	104.55	96.12
2005	87.36	92.62	99.74	100.78	99.28	101.06	98.75
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	114.04	108.32	101.77	100.29	102.44	99.47	103.32
2008	143.46	114.40	105.70	102.49	107.20	98.17	111.03

Table 151. Indices of consumer price by commodity quality

2006 = 100

Year	General index	General index excluding food	Commodity					Service
			Commodity including food	Commodity excluding food	Non-durable including food	Non-durable excluding food	Durable	
1984	66.93	69.74	77.20	98.94	65.83	85.08	130.56	54.74
1985	66.83	70.48	75.89	98.11	64.55	84.33	128.16	56.18
1986	67.29	70.26	76.17	95.88	64.94	80.87	129.57	56.90
1987	67.64	70.35	76.07	94.35	65.06	79.16	128.47	57.77
1988	68.51	71.20	76.07	93.05	65.18	77.37	124.33	59.66
1989	71.53	73.58	78.18	92.06	67.73	76.34	121.26	63.78
1990	74.49	76.88	79.46	92.18	69.32	77.09	119.00	68.71
1991	77.18	80.85	80.34	93.97	70.24	79.86	118.58	73.55
1992	80.63	83.17	83.82	94.18	74.77	80.37	116.66	76.97
1993	83.00	85.56	84.97	94.05	76.49	80.83	117.55	80.65
1994	86.41	88.19	88.03	94.34	80.24	80.74	119.40	84.42
1995	89.58	91.18	91.16	96.95	83.29	82.81	122.06	87.65
1996	92.33	93.67	93.71	98.70	85.91	84.27	122.53	90.61
1997	93.17	95.21	93.30	99.21	85.56	85.89	120.41	92.74
1998	94.73	95.91	94.55	97.94	88.42	86.06	118.27	94.67
1999	94.90	96.42	93.25	96.75	87.34	85.54	115.67	96.27
2000	96.09	97.96	93.92	97.84	88.49	88.34	114.16	97.97
2001	96.08	98.29	92.86	96.85	87.75	88.27	111.50	98.99
2002	95.89	98.08	92.78	96.95	88.13	89.79	109.21	98.69
2003	95.62	97.76	92.81	96.80	88.73	90.78	105.68	98.13
2004	97.17	98.43	95.52	97.89	92.45	92.73	103.99	98.62
2005	99.41	98.93	99.45	98.20	98.45	94.56	101.63	99.37
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	101.80	101.39	102.76	102.59	103.55	104.36	99.65	100.94
2008	105.39	103.08	107.86	104.81	110.84	108.77	98.26	103.24

Table 152. Indices of consumer price

2006 = 100

Items	2003	2004	2005	2006	2007	2008
General index	95.62	97.17	99.41	100.00	101.80	105.39
Food	90.04	93.84	100.64	100.00	102.85	111.65
Cereals & cereal products	93.69	95.95	98.85	100.00	102.56	114.10
Rice & rice products	94.06	95.83	100.00	100.00	99.82	108.37
Meat	88.76	95.06	100.84	100.00	103.28	118.71
Meat products	95.90	96.10	98.88	100.00	100.68	112.30
Eggs	77.76	83.27	104.21	100.00	105.00	127.29
Fish & shellfish	91.57	94.99	99.30	100.00	106.19	119.43
Processed fishes	94.36	94.54	97.32	100.00	100.91	113.25
Vegetables	77.32	84.68	109.53	100.00	109.49	109.38
Processed vegetables	101.17	100.57	100.30	100.00	103.34	114.24
Fruits	71.24	82.95	98.97	100.00	96.46	108.48
Processed fruits	96.75	97.39	98.72	100.00	100.55	104.66
Dairy products	95.76	97.36	98.81	100.00	105.78	117.35
Bean and bean products	94.14	95.09	95.66	100.00	98.39	112.99
Edible oil	92.25	97.87	98.75	100.00	107.58	143.95
Condiments	99.69	99.73	99.29	100.00	100.48	105.32
Alcoholic	98.21	99.14	99.80	100.00	99.63	99.98
Nonalcoholic beverages	101.72	102.08	101.33	100.00	100.26	103.86
Cooked food	96.41	97.60	98.74	100.00	102.57	109.24
Food away from home	96.98	97.85	99.33	100.00	102.50	110.14
Other food	92.67	95.27	97.90	100.00	101.75	110.42
Clothing	99.43	102.54	102.46	100.00	103.01	104.88
Garments	100.91	105.07	104.54	100.00	103.17	104.02
Footwear	100.20	100.10	101.95	100.00	101.82	102.60
Apparel services & accessories	93.07	94.80	94.87	100.00	103.37	109.01
Housing	98.89	98.78	99.16	100.00	100.94	102.39
Residential rent	100.50	99.85	99.80	100.00	100.20	100.82
Maintenance & repairs	90.53	93.03	96.21	100.00	104.41	109.12
Household appliances	99.45	98.80	99.41	100.00	101.56	104.33
Household keeping services	98.91	100.69	100.52	100.00	99.90	99.33
Water, electricity & gas supply	93.34	94.61	96.27	100.00	103.46	107.76
Transportation & communication	95.11	97.09	98.34	100.00	101.72	104.10
Transportation equipment	105.49	105.12	102.37	100.00	99.37	97.98
Oils	75.63	83.19	89.83	100.00	106.10	113.54
Communication services	99.80	100.24	100.56	100.00	100.67	102.16
Medicines & medical care	91.29	93.09	96.80	100.00	103.91	106.17
Medical care services	88.76	90.85	95.82	100.00	100.45	101.64
Medicines & health food	95.83	97.51	98.54	100.00	115.91	122.06
Medical supplies & appliance	102.07	101.40	101.12	100.00	99.66	100.17
Education & entertainment	99.95	100.06	99.83	100.00	100.61	101.93
Educational expenses	99.65	99.35	99.64	100.00	100.33	100.45
Entertainment expenses	100.80	102.13	100.37	100.00	101.42	104.59
Miscellaneous	95.48	96.08	95.76	100.00	101.90	103.50
Tobacco & betelnut	90.05	91.21	89.85	100.00	103.83	104.96
Cosmetic items	99.47	99.28	99.91	100.00	100.99	104.66
Personal care services	97.61	98.87	99.41	100.00	99.90	99.50
Others	100.58	99.97	99.52	100.00	101.04	103.35

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

2006 = 100

Groups	2003	2004	2005	2006	2007	2008
General index	82.64	89.72	91.90	100.00	108.95	118.58
Foods and edible live animals	83.47	91.42	86.90	100.00	124.65	140.25
Beverages and tobaccos	92.51	95.72	97.91	100.00	104.92	105.93
Inedible crude materials, except fuels	76.51	85.26	91.40	100.00	117.47	143.11
Fuels and related materials	51.07	65.18	83.27	100.00	113.06	151.70
Chemicals and related products	79.66	92.05	94.57	100.00	108.66	114.37
Manufacturing goods classified by materials	59.79	75.52	78.49	100.00	121.13	126.01
Machinery and transport equipments	112.47	109.74	102.21	100.00	98.77	94.46
Miscellaneous products	108.56	106.94	100.82	100.00	101.47	100.14

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

2006 = 100

Groups	2003	2004	2005	2006	2007	2008
General index	98.44	100.03	97.57	100.00	103.56	101.34
Foods and edible live animals	88.51	97.66	96.58	100.00	100.19	122.92
Inedible crude materials, except fuels	78.28	90.51	94.48	100.00	110.90	123.92
Chemicals and related products	78.77	92.50	94.41	100.00	110.50	113.10
Manufacturing goods classified by materials	83.89	92.75	94.63	100.00	110.04	113.66
Machinery and transport equipments	114.50	108.52	100.77	100.00	97.72	90.22
Miscellaneous products	93.82	94.42	95.95	100.00	104.10	105.89

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 governor, 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
1979	403 809	132 577	34 509	98 068
1980	420 409	144 792	37 062	107 730
1981	442 991	152 527	40 043	112 484
1982	453 842	157 513	43 397	114 116
1983	463 196	162 548	45 270	117 278
1984	476 233	168 488	46 888	121 600
1985	491 250	172 238	48 349	123 889
1986	498 909	176 395	50 158	126 237
1987	507 238	177 927	50 980	126 947
1988	530 068	190 101	51 764	138 337
1989	552 519	202 687	54 677	148 010
1990	569 768	205 623	73 198	132 425
1991	574 658	213 897	77 911	135 986
1992	592 976	221 775	82 648	139 127
1993	607 457	229 974	85 156	144 818
1994	612 514	233 064	87 955	145 109
1995	618 170	240 901	93 322	147 579
1996	622 699	244 463	94 429	150 034
1997	625 753	245 246	95 238	150 008
1998	602 396	245 282	93 948	151 334
1999	599 134	242 847	116 769	126 078
2000	602 407	240 780	113 934	126 846
2001	395 523	217 211	91 806	125 405
2002	389 957	218 958	90 491	128 467
2003	376 128	218 775	89 348	129 427
2004	368 899	217 418	88 420	128 998
2005	337 261	215 783	87 376	128 407
2006	335 274	216 422	87 018	129 404
2007	336 842	218 793	88 647	130 146
2008	338 305	219 615	89 052	130 563

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
120 156	54 048	66 108	151 076	9 025	142 051
121 957	57 173	64 784	153 660	10 085	143 575
134 917	66 685	68 232	155 547	12 329	143 218
138 375	68 254	70 121	157 954	13 727	144 227
139 222	69 674	69 548	161 426	14 088	147 338
144 340	75 372	68 968	163 405	15 000	148 405
153 093	76 419	76 674	165 919	15 800	150 118
154 462	77 816	76 646	168 052	16 312	151 740
157 179	79 115	78 064	172 132	17 277	154 855
161 359	79 537	81 822	178 608	18 978	159 630
165 385	83 826	81 559	184 447	19 840	164 607
171 538	89 091	82 447	192 607	21 269	171 338
170 841	90 311	80 530	189 920	24 548	165 372
176 547	96 766	79 781	194 654	25 993	168 661
177 791	96 958	80 833	199 692	27 098	172 594
176 683	95 075	81 608	202 767	27 702	175 065
170 897	89 650	81 247	206 372	28 462	177 910
169 666	89 457	80 209	208 570	29 258	179 312
167 136	88 166	78 970	213 371	29 658	183 713
142 410	97 629	44 781	214 704	30 442	184 262
136 356	133 999	2 357	219 931	52 277	167 654
136 472	134 099	2 373	225 155	52 469	172 686
152 375	144 027	8 348	25 937	10 756	15 181
144 022	135 824	8 198	26 977	11 450	15 527
130 391	122 747	7 644	26 962	11 349	15 613
125 549	118 349	7 200	25 932	10 735	15 197
97 769	91 352	6 417	23 709	9 442	14 267
94 883	88 797	6 086	23 969	9 471	14 498
93 720	87 801	5 919	24 329	9 512	14 817
93 988	88 133	5 855	24 702	9 635	15 067

Table 156. Civil service

Year	Total	24 ⁻	25-29	30-34	35-39
1979	403 809	33 942	71 767	60 872	51 956
1980	420 409	29 051	72 531	71 211	52 294
1981	442 991	32 663	76 609	80 357	53 602
1982	453 842	33 297	77 008	86 301	56 754
1983	463 196	34 334	75 358	89 235	61 329
1984	476 233	35 049	74 844	92 847	67 336
1985	491 250	34 201	72 836	95 279	78 259
1986	498 909	32 282	71 154	95 257	86 883
1987	507 238	30 426	69 878	94 564	91 945
1988	530 068	32 267	73 714	95 845	97 462
1989	552 519	36 156	76 493	98 647	102 142
1990	569 768	40 635	79 613	97 320	103 202
1991	574 658	41 665	79 142	97 325	104 417
1992	592 976	39 157	81 502	99 382	109 279
1993	607 457	37 437	83 288	102 524	110 374
1994	612 514	38 472	81 744	101 230	109 179
1995	618 170	37 676	85 830	102 480	107 832
1996	622 699	28 994	83 137	102 677	106 589
1997	625 753	25 612	81 603	101 548	106 393
1998	602 396	18 320	75 243	97 611	104 247
1999	599 134	14 356	72 552	98 523	103 849
2000	602 407	12 338	69 092	100 272	104 184
2001	395 523	4 200	34 461	63 341	69 026
2002	389 957	3 244	29 152	61 876	67 506
2003	376 128	3 734	24 599	58 395	66 116
2004	368 899	3 563	20 676	53 337	67 318
2005	337 261	3 518	17 212	46 518	65 167
2006	335 274	4 454	16 010	42 356	64 009
2007	336 842	4 883	18 269	38 037	62 979
2008	338 305	5 892	20 818	35 084	59 655

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)
42 199	45 097	52 918	31 836	12 217	1 005	39.6
44 922	40 739	53 235	38 915	16 012	1 499	40.1
47 499	39 400	51 130	42 128	17 883	1 720	39.9
49 539	38 478	47 459	43 825	19 813	1 368	39.8
51 098	39 404	43 724	45 557	21 600	1 557	39.8
52 230	41 331	41 083	46 405	23 521	1 587	39.8
53 571	44 434	39 118	45 672	26 073	1 807	39.9
54 171	47 364	37 175	44 413	28 176	2 034	40.0
57 551	50 209	37 405	42 859	30 042	2 359	40.2
65 085	52 845	40 523	39 287	30 234	2 806	40.1
70 979	56 400	42 904	36 281	29 690	2 827	39.8
79 785	55 727	43 997	36 085	30 323	3 081	39.7
87 625	55 622	44 658	32 783	28 151	3 270	39.6
94 939	60 592	47 417	31 569	26 372	2 767	39.6
97 712	66 011	49 375	32 476	25 601	2 659	39.7
100 246	70 473	49 943	34 050	24 636	2 541	39.8
102 783	76 083	46 856	35 333	21 221	2 076	39.6
106 651	86 865	48 003	37 249	20 240	2 294	40.1
106 872	92 515	50 945	38 346	19 834	2 085	40.4
103 910	93 015	52 837	36 291	19 443	1 479	40.8
102 631	94 872	56 573	34 568	19 685	1 525	41.0
102 588	97 483	62 254	32 606	20 086	1 504	41.2
73 001	69 963	46 489	20 554	13 104	1 384	42.1
72 569	69 903	50 280	21 455	12 395	1 577	42.0
70 452	69 030	50 713	21 673	10 459	957	42.2
69 481	68 774	51 354	22 519	10 710	1 167	42.5
64 440	61 915	45 747	22 300	9 200	1 244	42.6
64 007	62 346	46 285	25 203	9 124	1 410	42.9
63 383	63 413	47 551	27 220	9 711	1 396	43.1
63 877	64 098	48 915	28 345	10 834	787	43.2

Table 157. Central

Year and kind of election	Population	Eligible voters	Date of balloting			Number of candidates		
			Year	Month	Day	Sub-total	Male	Female
1983 Legislators	18 647 856	10 908 171	1983	12	3	171 (270)	149 (...)	22 (...)
1986 National assemblymen	19 405 473	11 790 344	1986	12	6	169	144	25
Legislators	19 405 473	11 814 315	1986	12	6	137 (...)	125 (...)	12 (...)
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	21 311 885	14 313 288	1996	3	23	4	4	0
3rd term National assemblymen	21 222 112	14 130 084	1996	3	23	432 (159)	353 (135)	79 (24)
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)
2004 3rd term President	22 573 965	16 507 179	2004	3	20	2	2	0
6th term legislators	22 640 250	16 559 254	2004	12	11	386 (106)	321 (75)	65 (31)
2008 4rd term President	22 925 311	17 321 622	2008	3	22	2	2	0
7th term legislators	22 925 311	17 179 656	2008	1	12	295 (128)	235 (67)	60 (61)

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

public office elections

persons, %

Number of elected officials			Turn-outs	Eligible voters as % of population	Turn-outs as % of eligible voters	Elected officials as % of candidates
Sub-total	Male	Female				
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
1 234 (100)	1 191 (82)	0 43 (18)	10 883 279 10 769 224	67.16 66.58	76.04 76.21	25.00 54.17
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
1 176 (49)	1 144 (34)	0 32 (15)	13 251 719 9 796 299	73.12 73.14	80.28 59.16	50.00 45.60
1 79 (34)	1 62 (17)	0 17 (17)	13 221 609 10 050 619	75.56 74.94	76.33 58.50	50.00 26.78

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								
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
3rd term	2 639 094	1 947 169	2002	12	7	2	2	0
4th term	2 627 474	2 008 434	2006	12	9	6	5	1
Councilmen								
2nd term	1 957 451	1 023 809	1973	12	1	63	55	8
3rd term	2 111 218	1 175 477	1977	11	19	61	53	8
4th term	2 245 215	1 314 260	1981	11	14	83	72	11
5th term	2 475 037	1 538 774	1985	11	16	74	64	10
6th term	2 700 373	1 753 905	1989	12	2	100	76	24
7th term	2 649 735	1 811 825	1994	12	3	145	116	29
8th term	2 622 171	1 864 314	1998	12	5	110	82	28
9th term	2 639 094	1 943 250	2002	12	7	113	83	30
10th term	2 627 474	2 004 204	2006	12	9	103	72	31
Kaohsiung Municipality								
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
3rd term	1 508 761	1 092 668	2002	12	7	5	4	1
4th term	1 512 255	1 140 110	2006	12	9	5	4	1
Councilmen								
1st term	1 213 318	666 020	1981	11	14	81	66	15
2nd term	1 294 081	758 818	1985	11	16	71	58	13
3rd term	1 369 827	843 400	1989	12	2	94	79	15
4th term	1 413 460	923 456	1994	12	3	129	113	16
5th term	1 454 439	1 002 480	1998	12	5	105	90	15
6th term	1 508 761	1 090 234	2002	12	7	114	95	19
7th term	1 512 255	1 137 345	2006	12	9	77	51	26
County magistrates or city 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
15th term	18 607 680	13 645 079	2005	12	3	76	67	9

public office elections

persons, %

Number of elected officials			Turn-outs	Eligible voters as % 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
77	64	13	7 561 548	62.59	75.89	49.04
79	63	16	8 480 047	65.51	76.32	44.89
1	1	0	1 426 852	68.53	78.53	25.00
1	1	0	1 511 635	71.27	80.89	33.33
1	1	0	1 374 862	73.78	70.61	50.00
1	1	0	1 295 790	76.44	64.52	16.67
49	42	7	620 070	52.30	60.57	77.78
51	43	8	830 454	55.68	70.65	83.60
51	44	7	892 257	58.54	67.89	61.45
51	42	9	1 008 350	62.17	65.53	68.92
51	41	10	1 215 160	64.95	69.28	51.00
52	40	12	1 422 920	68.38	78.54	35.86
52	35	17	1 507 844	71.10	80.88	47.27
52	35	17	1 372 567	73.63	70.63	46.02
52	33	19	1 293 595	76.28	64.54	50.49
1	1	0	746 469	65.55	80.58	20.00
1	1	0	807 996	69.09	80.41	25.00
1	1	0	779 911	72.42	71.38	20.00
1	0	1	774 490	75.39	67.93	20.00
42	36	6	511 136	54.89	76.74	51.85
42	36	6	574 281	58.64	75.68	59.15
43	37	6	669 307	61.57	79.36	45.74
44	38	6	744 775	65.33	80.65	34.11
44	39	5	806 491	68.93	80.45	41.90
44	34	10	778 472	72.26	71.40	38.60
44	28	16	773 040	75.21	67.97	57.14
20	20	0	6 200 527	53.00	80.39	55.56
19	19	0	5 860 222	56.29	71.94	33.93
21	19	2	6 572 950	59.46	72.08	38.89
21	18	3	7 561 506	62.58	75.90	30.43
23	22	1	7 662 724	64.62	70.68	29.87
23	20	3	7 784 908	67.11	65.92	28.75
23	21	2	8 529 647	70.46	66.45	26.14
23	21	2	9 035 144	73.33	66.22	30.26

Table 159. Technical missions sent out

[illegible]

by the government of the Republic of China

Persons

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
273	305	304	277	247	252	278	245	240	241	224
98	100	109	100	89	79	104	90	77	80	65
11	11	10	7	7	-	-	-	-	-	-
10	10	21	20	11	10	29	29	24	25	-
20	19	15	17	14	13	14	14	14	15	25
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
10	16	17	15	17	15	16	15	18	18	18
-	-	-	-	-	-	-	-	-	-	-
10	10	10	9	10	11	10	11	11	11	11
15	14	17	14	13	13	14	-	-	-	-
14	13	12	12	11	11	13	13	-	-	-
8	7	7	6	6	6	8	8	10	11	11
-	-	-	-	-	-	-	-	-	-	-
4	27	24	23	10	23	22	10	10	10	10
-	24	20	20	6	19	19	6	6	6	6
4	3	4	3	4	4	3	4	4	4	4
44	41	36	33	31	31	39	38	42	42	42
2	2	2	2	2	1	1	-	-	-	-
10	10	11	8	8	8	8	8	8	8	7
5	5	5	5	5	4	5	5	5	5	5
-	-	-	-	-	-	-	-	-	-	-
4	4	4	4	4	4	4	4	5	5	5
8	8	2	4	4	6	6	6	6	6	6
4	3	3	3	3	3	3	3	3	3	3
8	7	7	5	5	4	5	5	5	5	5
3	2	2	2	-	-	-	-	3	3	3
-	-	-	-	-	-	7	7	7	7	8
127	131	129	121	117	119	113	107	111	109	107
10	10	11	12	13	12	12	11	11	11	12
10	12	11	9	8	8	8	8	8	7	7
2	3	3	3	3	3	3	4	4	4	4
13	14	13	12	12	12	12	12	12	12	12
11	12	11	9	8	9	10	10	11	11	11
11	11	11	10	10	10	10	10	11	11	11
9	9	9	9	9	8	9	9	9	8	7
9	9	9	8	8	8	6	6	6	-	-
12	11	10	10	10	11	10	10	11	11	11
10	9	9	12	10	10	8	8	8	10	9
6	6	7	6	6	6	6	6	6	5	5
-	-	-	-	-	-	-	-	-	6	6
4	4	4	3	4	4	4	4	5	5	4
6	6	5	5	4	5	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
6	6	6	6	6	6	6	6	6	5	5
8	9	10	7	6	7	7	-	-	-	-
-	-	-	-	-	-	2	3	3	3	3
-	6	6	-	-	-	-	-	-	-	-
-	6	6	-	-	-	-	-	-	-	-

Table 160. Number of technical assistance participants dispatched

Fiscal Year	Persons								
	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.
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	31	1	1	-	4	-	1	8	16
2002	31	3	4	4	6	1	-	5	8
2003	25	4	-	1	4	-	2	7	7
2004	38	6	1	2	3	1	-	4	21
2005	29	6	-	1	4	-	1	5	12
2006	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-

Note : Technical assistance participants dispatched programs were ceased in 2006.

Table 161. Trainees in Japan under Taiwan-Japan technical cooperation programs

Persons

Fiscal Year	Total	Agriculture & natural resources	Industry & mining	Transportation & public construction	Public health & environmental protection	Education & vocational training	Public security & public administration	Economic development	General and misc.
1979	204	52	41	-	-	38	16	26	31
1980	178	20	12	2	15	50	49	7	23
1981	180	53	13	11	19	37	18	4	25
1982	258	91	28	9	18	14	38	21	39
1983	199	67	26	16	38	6	10	13	23
1984	222	51	22	-	67	6	19	34	23
1985	152	52	26	5	40	3	2	10	14
1986	272	71	31	15	91	4	1	33	26
1987	186	43	29	5	51	12	5	14	27
1988	304	62	23	5	100	42	12	25	35
1989	241	49	28	12	56	35	29	14	18
1990	192	39	32	-	51	36	7	13	14
1991	202	29	29	-	47	31	8	8	50
1992	241	28	42	7	61	27	2	16	58
1993	226	17	42	10	58	21	21	18	39
1994	193	21	39	10	31	20	-	21	51
1995	201	7	45	5	26	24	18	28	48
1996	260	33	52	5	38	27	31	19	55
1997	162	9	30	5	46	20	20	8	24
1998	156	10	28	13	34	9	18	14	30
1999	80	-	10	8	14	4	16	17	11
2000	145	22	28	27	31	9	11	4	13
2001	78	6	8	23	20	-	14	3	4
2002	84	3	7	21	26	4	-	12	11
2003	69	3	11	14	12	4	3	11	11
2004	73	4	7	6	11	4	11	17	13
2005	66	4	8	14	8	-	9	15	8
2006	56	3	20	7	4	-	8	11	3
2007	53	2	10	6	6	-	6	15	8
2008	48	3	3	3	4	-	3	22	10