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

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DIRECTORATE GENERAL OF BUDGET, ACCOUNTING AND STATISTICS  
EXECUTIVE YUAN, REPUBLIC OF CHINA  
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**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA  
2009**

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## INTRODUCTION

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

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 51<sup>st</sup> issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2009 *Statistical Yearbook* is placed before the list of contents in this publication.
2. The introduction to compilation methodology for each section of statistical tables is condensed to a maximum of two pages and put at the start of the related section.

This yearbook divided into 16 sections, and 160 tables. The table numbers contained in each section are arranged as follows :

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

**Corresponding Table Numbers between the 51<sup>st</sup> issue of the United Nations' Statistical Yearbook and the 2009 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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21	103, 104	53	70		
22	114, 115	54	71		
23	141	55	not applicable		
24	142	56	50		
25	29	57	53		
26	25	58	119		
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28	148	60	124, 125		
29	151, 152	61	135		
30	106	62	136		
31	107	63	not applicable		
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.....	r
Preliminary figure.....	p
Forecasted figure.....	f
Estimated figure.....	e

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

Thousands and millions are separated by a space.

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

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

The size of territory of the Republic of China (Taiwan) is approximately 36000 square kilometers. It comprises the main island of Taiwan (Taiwan Proper), the archipelagoes of Penghu, Kinmen and Matsu, as well as a number of other islands.

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

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

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

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

km<sup>2</sup>

Year	Area			Cultivated <sup>1,2</sup> land area	Forest land area <sup>1</sup>
	Total	Land area	Reclamation		
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
2009	36 191.47	36 152.62	38.85	8 154.62	21 017.19

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

**Table 2. Average temperature**

°C

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2009	22.7	22.7	23.4	23.1	22.9	23.8	23.8	19.3	11.6	25.4	25.4

Table 3. Average relative humidity

%

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2009	77	75	74	73	75	72	75	83	87	75	74

**Table 4. Precipitation at station**

mm

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2009	3 655	1 322	1 669	1 120	2 930	1 979	2 536	1 798	5 222	1 756	1 854

Table 5. Number of days with precipitation

Days

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2009	193	145	152	103	168	86	143	111	134	72	109



Table 6. Duration of sunshine

Hours

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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 r	1 100	1 454	1 139	1 697	1 356	1 942	1 430	1 519	1 396	1 939	2 110
2000	1 248	1 514	983	1 725	1 400	2 114	1 475	1 574	1 480	2 016	2 091
2001 r	1 398	1 597	1 497	1 848	1 469	2 169	1 579	1 543	1 586	2 232	2 266
2002	1 573	1 744	1 624	1 828	1 515	2 255	1 586	1 598	1 519	2 489	2 350
2003	1 549	1 800	1 658	2 110	1 519	2 346	1 677	1 797	1 577	2 515	2 395
2004	1 553	1 786	1 614	2 016	1 483	2 250	1 803	1 799	1 638	2 574	2 392
2005	1 349	1 483	1 397	1 682	1 431	1 805	1 544	1 546	1 491	2 329	2 174
2006	1 312	1 514	1 382	1 822	1 441	1 892	1 483	1 540	1 338	2 261	2 294
2007	1 244	1 549	1 413	1 879	1 486	1 963	1 576	1 599	1 449	2 365	2 282
2008	1 364	1 717	1 605	1 949	1 548	1 953	1 631	1 625	1 343	2 283	2 165
2009	1 473	1 751	1 632	1 972	1 611	2 094	1 773	1 748	1 678	2 523	2 218

Table 7. Number of occurrence of perceptible earthquake

Numbers

Year	Total	Taipei Area	Yilan Area	Taichung Area	Hwalien Area	Chianan Area	Taitung Area	Kaoping Area	Other Areas
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	583	3	24	37	225	82	154	57	1
2008	651	5	35	27	248	103	165	63	5
2009	792	10	49	71	435	87	99	39	2

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

## POPULATION AND HOUSING

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

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

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

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

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.



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

End of Year	Population			Annual rate of increase (%)	Sex ratio (Female=100)	Average persons per household	Density (Persons/km <sup>2</sup> )	Natural increase rate (‰)
	Both sexes	Male	Female					
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
2009	23 119 772	11 636 734	11 483 038	0.36	101.3	2.96	638.8	2.07

Notes : 1.All figures are based on the household registration data at the end of year.  
2.Data do not include Kinmen County and Lienchiang County in 1980.

**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.)
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
2009	191 310	8.29	143 582	6.22	117 099	5.07	57 223	2.48

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

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

%

End of Year	Age-specific distribution			Dependency ratio	Index of ageing	Median age <sup>1</sup> (Year)
	0-14	15-64	65 <sup>+</sup>			
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	34.1
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
2009	16.3	73.0	10.6	37	65.1	36.8

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

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

Table 11. Population

End of Year										
	All ages	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
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
2009	23 119 772	1 002 160	1 255 927	1 519 931	1 618 327	1 589 926	1 950 841	1 982 094	1 804 994	1 868 115

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

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



## by sex and age

Persons

Total											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 <sup>+</sup>
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
1 905 475	1 755 730	1 497 842	910 762	764 075	627 518	496 030	349 408	159 031	48 364	11 221	2 001

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
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 r	10 424 102	832 292	1 007 704	1 019 573	931 441	983 442	1 012 566	942 367	819 835	522 260
1990	10 540 635	836 309	974 530	1 038 378	919 522	974 754	1 011 861	957 301	859 616	585 909
1991	10 640 276	843 907	924 557	1 034 173	942 699	959 307	1 006 489	964 915	878 637	663 796
1992	10 734 609	848 534	882 271	1 042 014	955 702	952 881	990 251	983 486	892 329	722 576
1993	10 824 161	838 993	863 197	1 026 965	977 797	939 178	978 571	994 422	912 226	770 835
1994	10 907 032	836 012	837 095	1 006 634	1 011 303	922 677	967 512	999 784	932 906	810 417
1995	10 990 657	828 904	832 631	971 636	1 032 061	911 104	962 374	999 400	945 331	848 300
1996	11 065 798	828 407	842 803	916 435	1 027 808	935 259	946 727	996 496	954 943	865 339
1997	11 163 764	831 971	849 722	871 942	1 034 479	948 608	940 902	980 473	975 340	878 916
1998	11 243 408	804 753	842 641	856 638	1 022 518	972 277	928 765	971 092	989 035	900 056
1999	11 312 728	784 903	848 731	830 111	997 692	1 002 156	915 210	962 506	992 806	919 603
2000	11 392 050	776 698	841 773	831 160	964 868	1 023 835	905 239	957 030	990 211	931 580
2001	11 441 651	743 975	842 623	842 567	910 170	1 018 859	930 094	943 317	988 598	941 127
2002	11 485 409	704 807	843 183	849 202	866 630	1 026 165	943 791	936 397	971 469	960 079
2003	11 515 062	684 174	812 247	840 744	850 160	1 012 438	967 088	921 888	960 123	971 638
2004	11 541 585	650 216	791 835	846 780	823 881	988 195	996 749	907 862	951 254	975 195
2005	11 562 440	598 086	783 379	839 692	825 590	956 187	1 018 399	897 966	945 670	972 854
2006	11 591 707	571 699	749 063	840 418	837 559	902 971	1 014 502	923 631	932 908	972 298
2007	11 608 767	550 561	709 220	841 204	844 751	860 639	1 022 008	937 762	926 562	956 057
2008	11 626 351	536 491	689 226	810 883	837 112	845 169	1 009 260	961 387	913 095	945 857
2009	11 636 734	523 013	656 333	790 956	843 652	819 263	985 114	990 622	899 207	937 285

## by sex and age (continued)

Persons

Male											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 <sup>+</sup>
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	
465 199	416 487	417 661	415 948	292 469	177 106	107 237	43 202	14 021		3 292	
450 964	428 066	402 381	422 559	312 353	188 119	113 229	45 807	15 456		3 521	
443 856	438 826	391 291	423 353	328 180	205 323	120 044	49 856	16 909		4 158	
451 477	443 183	389 203	413 629	342 974	219 690	123 100	58 049	18 389	4 186	606	79
471 877	447 587	389 157	401 476	361 512	232 766	128 111	64 618	19 452	4 619	680	122
508 108	444 463	390 779	385 289	374 358	247 589	134 194	70 333	21 409	5 198	808	164
568 978	426 680	400 396	370 095	380 492	264 749	143 043	74 364	23 301	5 738	905	175
646 207	415 574	408 932	357 729	379 841	277 751	155 747	77 128	25 113	6 278	1 078	203
705 103	426 471	414 295	355 662	372 322	292 130	167 889	79 065	29 977	6 951	1 271	275
753 418	449 997	421 175	357 588	359 898	308 800	179 024	82 971	33 535	7 485	1 423	319
791 357	489 804	421 673	363 324	346 812	320 675	190 909	87 710	36 476	8 311	1 611	348
829 386	550 932	405 574	372 741	333 391	326 658	205 981	94 920	38 710	9 168	1 807	388
846 586	627 410	397 003	382 731	323 539	326 319	218 110	105 011	41 096	10 045	1 994	477
858 992	683 753	407 786	388 001	322 139	320 449	230 394	114 146	42 843	12 364	2 213	606
877 898	729 037	429 830	394 429	324 142	309 833	244 424	122 381	45 323	14 162	2 421	682
896 871	765 796	468 133	395 322	330 091	299 144	254 807	131 554	48 850	15 551	2 713	786
908 705	803 078	527 088	380 324	339 262	288 316	260 601	143 274	53 381	16 760	2 944	884
919 910	821 251	602 280	373 307	349 809	281 052	262 137	153 915	60 585	18 114	3 293	1 005
938 532	833 832	657 109	384 466	355 601	280 289	258 048	163 045	65 869	18 087	4 120	1 005
950 823	853 304	701 768	406 629	362 704	282 905	250 143	173 879	70 921	19 429	4 435	931
954 649	872 033	737 598	443 885	364 463	289 278	242 555	182 732	76 946	21 348	4 825	977

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
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
2009	11 483 038	479 147	599 594	728 975	774 675	770 663	965 727	991 472	905 787	930 830

## by sex and age (continued)

Persons

Female											
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100 <sup>+</sup>
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
950 826	883 697	760 244	466 877	399 612	338 240	253 475	166 676	82 085	27 016	6 396	1 024

Table 12. Population of age 15 years

End of Year	Male								
	Total	Single		Married		Widowed		Divorced	
		Number	%	Number	%	Number	%	Number	%
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
2009	9 666 432	3 675 047	38.0	5 126 297	53.0	228 719	2.4	636 369	6.6

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

**and over by sex and marital status**

Female								
Total	Single		Married		Widowed		Divorced	
	Number	%	Number	%	Number	%	Number	%
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
9 675 322	3 053 673	31.6	4 997 496	51.7	930 071	9.6	694 082	7.2

Table 13. Population of cities

End of Year	Taipei City	Kaohsiung City	Keelung City	Hsinchu City	Taichung City	Chiayi City	Tainan City
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
2009	2 607 428	1 527 914	388 321	411 587	1 073 635	273 861	771 060

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
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
552 884	388 304	236 812	414 535	400 848	294 602	238 897

Table 13. Population of cities

End of Year	Lujhou City	Sijhih City	Shulin City	Taoyuan City	Jhongli City	Pingjhen City	Bade City
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
2009	197 043	186 979	172 300	401 096	365 109	206 471	175 127

## over 150 000 inhabitants (continued)

Fongyuan City	Dali City	Taiping City	Changhua City	Yongkang City	Fongshan City	Pingdong City
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
165 245	196 056	172 389	237 160	214 622	339 952	213 614

**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	%
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
2009	23 119 772	12 823 851	55.5	9 148 213	39.6

**Notes :** 1.All figures are based on the end of the household registration data at the end of year.  
2.Data do not include Kinmen County and Lienchiang County in 1980.  
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		
1980	91	2 515	33	180	200	69	16	4	1	1.2181	1.1777
1981	89	2 455	31	176	197	69	14	3	1	1.1856	1.1482
1982	85	2 320	29	166	186	66	14	3	0	1.1213	1.0855
1983	79	2 170	26	154	174	63	14	3	0	1.0497	1.0147
1984	75	2 055	23	144	169	60	13	2	0	0.9910	0.9592
1985	68	1 880	19	129	158	56	12	2	0	0.9097	0.8830
1986	60	1 680	18	112	140	52	12	2	0	0.8105	0.7865
1987	60	1 700	16	109	147	54	12	2	0	0.8159	0.7902
1988	64	1 855	16	111	164	64	14	2	0	0.8910	0.8653
1989	58	1 680	16	98	145	61	14	2	0	0.8053	0.7812
1990	62	1 810	17	100	159	69	15	2	0	0.8608	0.8352
1991	58	1 720	17	92	149	68	16	2	0	0.8173	0.7998
1992	57	1 730	17	91	148	72	16	2	0	0.8241	0.8057
1993	57	1 760	17	91	149	75	18	2	0	0.8456	0.8278
1994	55	1 755	17	87	148	79	18	2	0	0.8402	0.8237
1995	55	1 775	17	86	148	82	20	2	0	0.8538	0.8374
1996	54	1 760	17	83	145	84	21	2	0	0.8431	0.8269
1997	53	1 770	15	80	147	87	22	3	0	0.8472	0.8317
1998	43	1 465	14	66	116	73	21	3	0	0.7019	0.6892
1999	45	1 555	13	66	126	82	21	3	0	0.7424	0.7252
2000	48	1 680	14	72	133	90	24	3	0	0.8021	0.7895
2001	41	1 400	13	62	106	75	21	3	0	0.6708	0.6608
2002	39	1 340	13	57	102	73	20	3	0	0.6387	0.6296
2003	36	1 235	11	52	92	69	20	3	0	0.5877	0.5788
2004	34	1 180	10	49	86	68	20	3	0	0.5602	0.5521
2005	33	1 115	8	44	79	68	21	3	0	0.5334	0.5255
2006	33	1 115	7	41	78	71	23	3	0	0.5319	0.5245
2007	32	1 100	6	37	76	74	24	3	0	0.5245	0.5173
2008	31	1 050	5	32	72	73	25	3	0	0.5008	0.4940
2009	31	1 030	4	27	69	75	27	4	0	0.4942	0.4869

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

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

Table 16. Death rates

Year												
	Standard- ized death rate	All ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
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 r	...	4.76	9.03	1.20	0.44	0.40	0.92	1.16	1.25	1.50	2.18	3.17
1983 r	...	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 r	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 r	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 r	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 r	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 r	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 r	6.47	5.33	5.33	0.67	0.31	0.36	0.97	1.05	1.23	1.47	1.93	2.77
1994 r	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 r	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 r	6.41	5.69	7.49	0.59	0.27	0.30	0.87	0.95	1.11	1.47	1.94	2.74
1997	6.11	5.59	7.12	0.59	0.24	0.27	0.80	0.82	1.09	1.41	1.97	2.73
1998	6.01	5.66	7.07	0.59	0.24	0.28	0.74	0.86	0.99	1.35	1.96	2.73
1999	5.94	5.75	7.23	0.58	0.30	0.32	0.72	0.81	0.99	1.35	1.92	2.68
2000	5.69	5.68	6.99	0.47	0.20	0.22	0.66	0.80	0.92	1.29	1.81	2.65
2001	5.59	5.72	6.33	0.46	0.20	0.21	0.60	0.73	0.85	1.22	1.81	2.56
2002	5.40	5.71	5.94	0.45	0.17	0.18	0.53	0.68	0.89	1.17	1.73	2.46
2003	5.32	5.82	5.32	0.41	0.21	0.19	0.50	0.66	0.84	1.22	1.72	2.46
2004	5.29	5.95	5.91	0.38	0.16	0.18	0.54	0.66	0.84	1.21	1.76	2.55
2005	5.30	6.15	5.50	0.40	0.17	0.19	0.53	0.69	0.97	1.29	1.81	2.59
2006	4.95	5.98	5.46	0.32	0.16	0.18	0.48	0.64	0.88	1.24	1.80	2.62
2007	4.92	6.13	5.48	0.30	0.16	0.15	0.41	0.61	0.78	1.12	1.67	2.52
2008	4.84	6.24	5.00	0.37	0.15	0.14	0.40	0.56	0.72	1.10	1.66	2.50
2009	4.67	6.22	4.44	0.31	0.19	0.17	0.39	0.54	0.74	1.04	1.61	2.41

Notes : 1. Standardized death rate is based on 2000 midyear population age structure.  
2. Data do not include Kinmen County and Lienchiang County in 1980.

## by age and sex

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

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
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 r	5.55	9.67	1.25	0.54	0.49	1.24	1.61	1.73	2.04	2.93	4.29
1983 r	5.72	9.09	1.20	0.52	0.50	1.31	1.53	1.76	1.99	2.76	4.05
1984 r	5.59	7.94	1.11	0.51	0.44	1.16	1.49	1.66	2.01	2.86	4.20
1985 r	5.63	7.86	1.07	0.50	0.48	1.14	1.51	1.62	1.89	2.65	3.95
1986 r	5.76	7.07	1.02	0.51	0.43	1.31	1.57	1.64	1.90	2.57	3.90
1987 r	5.82	6.10	0.92	0.49	0.49	1.61	1.59	1.65	1.86	2.61	3.94
1988 r	6.09	6.51	0.94	0.47	0.47	1.65	1.65	1.80	2.00	2.78	3.97
1989 r	6.14	6.24	0.88	0.45	0.47	1.62	1.59	1.84	2.15	2.70	4.08
1990 r	6.20	6.23	0.86	0.42	0.46	1.40	1.50	1.76	2.05	2.82	3.88
1991 r	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 r	6.79	8.06	0.62	0.34	0.41	1.26	1.55	1.66	2.01	2.84	3.77
1996	6.87	7.87	0.61	0.30	0.35	1.23	1.36	1.56	2.13	2.73	3.89
1997	6.77	7.45	0.63	0.26	0.29	1.12	1.17	1.57	2.06	2.84	3.92
1998	6.86	7.73	0.66	0.25	0.33	1.04	1.23	1.44	1.96	2.81	3.95
1999	6.94	7.95	0.64	0.31	0.35	0.99	1.12	1.40	1.92	2.74	3.84
2000	6.89	7.51	0.49	0.23	0.25	0.92	1.12	1.30	1.85	2.62	3.81
2001	6.96	6.85	0.53	0.23	0.25	0.80	1.01	1.22	1.76	2.62	3.68
2002	6.91	6.22	0.46	0.18	0.20	0.72	0.95	1.28	1.69	2.50	3.54
2003	7.01	5.34	0.45	0.24	0.20	0.66	0.92	1.20	1.76	2.50	3.60
2004	7.24	6.45	0.39	0.17	0.18	0.76	0.91	1.21	1.77	2.58	3.66
2005	7.53	5.82	0.44	0.19	0.21	0.69	0.94	1.40	1.88	2.69	3.85
2006	7.35	5.89	0.38	0.18	0.22	0.66	0.88	1.24	1.84	2.71	3.88
2007	7.46	6.08	0.33	0.16	0.18	0.55	0.82	1.07	1.63	2.52	3.78
2008	7.62	5.29	0.40	0.16	0.16	0.54	0.76	0.98	1.58	2.47	3.73
2009	7.57	4.59	0.33	0.22	0.20	0.50	0.71	0.99	1.50	2.46	3.54



## 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+
6.22	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	51.09	78.83	118.36	205.43
6.24	8.46	12.71	20.52	33.21	51.52	83.47	125.39	213.53
6.17	8.45	12.22	19.49	30.56	49.52	78.93	113.47	196.82
5.73	8.29	11.70	18.77	30.54	49.36	78.00	117.25	195.47
5.73	8.10	11.88	18.30	30.05	48.69	79.33	118.69	197.49
5.68	8.19	11.56	18.05	29.00	47.39	74.69	117.38	192.45
5.81	8.56	11.87	17.78	28.66	47.50	75.17	120.37	194.68
5.97	8.40	11.91	17.20	28.97	45.53	74.05	112.17	188.05
5.71	8.30	12.27	17.70	27.66	45.62	71.99	112.37	184.46
5.63	8.20	11.73	17.29	26.15	42.90	70.01	110.18	170.41
5.50	7.97	11.96	17.79	26.35	42.96	68.72	108.34	179.21
5.58	7.93	11.72	17.45	25.85	40.67	67.76	99.83	167.08
5.61	7.97	12.08	17.38	26.11	39.83	64.89	101.21	167.77
5.62	8.15	11.78	18.07	25.88	40.91	66.35	103.10	169.75
5.50	8.24	12.17	17.95	25.30	39.89	64.46	102.14	171.65
5.28	8.33	11.44	17.23	24.99	38.40	59.94	97.30	158.10
5.23	7.70	11.44	16.89	24.85	37.04	60.29	97.88	156.38
5.27	7.67	11.13	16.93	24.72	36.74	59.15	95.51	154.67
5.30	7.34	10.96	16.24	24.16	35.90	56.96	90.58	150.40
5.09	7.32	10.95	16.01	24.59	35.87	55.68	89.47	146.81
5.03	7.03	10.42	15.53	23.42	35.00	54.36	86.76	142.93
5.00	7.07	10.04	15.28	23.21	34.63	53.53	83.84	142.97
5.13	7.08	10.24	15.03	22.59	35.17	53.97	84.39	141.32
5.26	7.06	10.19	15.51	22.53	34.73	54.36	84.63	144.18
5.22	7.13	9.78	14.14	21.17	33.38	50.40	78.17	132.49
5.09	6.83	9.53	13.98	21.29	33.25	51.41	77.69	133.97
5.08	6.80	9.43	13.86	20.49	33.39	51.10	78.53	138.49
4.85	6.70	9.19	13.21	19.62	31.93	49.41	76.36	134.32

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
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 r	3.90	8.34	1.15	0.33	0.30	0.59	0.70	0.75	0.94	1.40	2.01
1983 r	4.00	7.55	0.94	0.36	0.31	0.50	0.71	0.80	0.83	1.36	1.99
1984 r	3.84	7.15	0.83	0.35	0.26	0.47	0.67	0.72	0.85	1.29	1.93
1985 r	3.91	6.87	0.88	0.30	0.29	0.45	0.65	0.72	0.92	1.27	1.82
1986 r	3.97	6.18	0.79	0.30	0.26	0.53	0.65	0.69	0.89	1.23	1.82
1987	3.96	5.10	0.72	0.33	0.26	0.54	0.63	0.71	0.90	1.19	1.76
1988 r	4.16	5.94	0.68	0.28	0.30	0.54	0.62	0.71	0.89	1.15	1.61
1989 r	4.13	5.90	0.74	0.29	0.32	0.55	0.64	0.76	0.91	1.23	1.71
1990 r	4.15	5.56	0.68	0.29	0.28	0.55	0.62	0.74	0.90	1.22	1.76
1991 r	4.12	5.07	0.64	0.27	0.26	0.49	0.58	0.70	0.84	1.19	1.56
1992 r	4.25	4.86	0.64	0.28	0.27	0.49	0.56	0.65	0.83	1.10	1.63
1993 r	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 r	4.43	7.08	0.57	0.23	0.25	0.48	0.52	0.63	0.78	1.12	1.55
1997 r	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 r	4.57	5.31	0.37	0.18	0.17	0.33	0.39	0.47	0.65	0.92	1.29
2004	4.61	5.31	0.38	0.16	0.17	0.31	0.40	0.46	0.65	0.91	1.40
2005	4.72	5.15	0.35	0.15	0.16	0.35	0.44	0.53	0.70	0.91	1.29
2006	4.56	4.99	0.27	0.14	0.14	0.28	0.40	0.50	0.63	0.86	1.32
2007	4.76	4.83	0.27	0.15	0.11	0.25	0.38	0.48	0.60	0.81	1.25
2008	4.84	4.68	0.34	0.14	0.12	0.25	0.35	0.45	0.61	0.85	1.25
2009	4.85	4.27	0.29	0.17	0.13	0.27	0.35	0.48	0.57	0.77	1.27

## 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+
3.61	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	98.63	183.43
3.35	4.92	8.24	12.98	22.74	37.54	64.51	105.09	189.30
3.14	4.68	7.76	12.42	21.67	35.35	60.91	96.71	174.17
2.93	4.66	7.43	12.11	20.50	35.71	60.55	99.31	176.57
2.90	4.52	6.95	12.07	21.11	35.88	60.23	98.14	174.83
2.70	4.38	6.81	11.56	20.10	35.72	57.89	97.84	171.69
2.84	4.56	6.72	11.53	19.75	35.28	60.34	103.21	184.05
2.81	4.12	6.45	11.04	19.83	33.96	57.80	97.42	168.26
2.56	4.05	6.53	10.71	18.93	32.82	59.15	92.89	168.98
2.65	4.15	6.21	10.51	17.84	31.42	56.30	92.10	164.68
2.63	3.88	6.14	10.38	17.63	31.65	56.83	93.34	169.78
2.59	3.85	6.31	10.08	16.96	29.38	51.88	88.04	162.29
2.46	3.86	6.13	9.72	16.13	28.56	51.18	83.17	159.97
2.42	3.73	6.05	9.87	16.58	29.10	51.26	85.94	161.84
2.41	3.85	5.99	9.78	15.94	27.85	49.54	85.03	159.14
2.29	3.58	5.58	9.18	15.82	25.82	46.88	81.60	152.87
2.17	3.52	5.53	9.33	15.79	25.57	43.72	79.09	152.51
2.24	3.46	5.60	9.20	14.99	26.16	43.13	76.52	152.32
2.15	3.24	5.42	8.35	14.25	24.29	41.99	72.81	146.55
2.07	3.18	5.49	8.32	13.88	23.98	39.91	70.46	144.19
1.98	3.08	4.97	8.04	13.73	23.54	39.00	69.19	141.40
1.98	3.11	4.91	8.01	13.69	23.14	38.78	66.54	141.42
2.01	3.03	4.51	7.68	12.99	22.05	36.22	67.71	138.67
1.95	3.02	4.61	7.34	12.46	21.50	36.88	64.51	138.59
1.81	2.89	4.49	7.10	11.62	20.14	34.33	58.76	124.38
1.89	2.82	4.27	6.99	11.59	19.73	33.91	59.68	130.54
1.88	2.64	3.96	6.71	10.89	19.41	33.30	58.80	130.72
1.77	2.63	4.04	6.48	10.65	18.22	32.03	56.36	125.67

Table 17. Life expectation

Year	Male								
	0	10	20	30	40	50	60	70	80
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	75.59	66.14	56.35	46.80	37.64	29.09	21.09	14.04	8.59
2009 p	75.88	...	...	...	...	...	...	...	...

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

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

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



Table 18. Live births by age of mother

Year	By age of Mother					
	Total	under 15	15-19	20-24	25-29	30-34
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
2009	191 310	35	3 142	21 415	67 334	71 996

Notes : 1.All figures were based on registration.

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

## and number of births

(persons)				Number of births (%)		
35-39	40-44	45-49	50+	Legitimate	Illegitimate	Abandoned
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
23 988	3 289	108	3	96.07	3.91	0.02

Table 19. Household appliances

End of Year	Color T. V. set	DVD player <sup>1</sup>	Air conditioner	Washing machine	Cable T.V. <sup>2</sup>
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 r	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
2009	99.6	42.2	88.4	97.4	82.0

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

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



**saturation**

%

Geysers	Movies Camera	Telephone	Automobile	Motorcycle	Personal computer
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	9.6	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
97.3	8.6	95.9	59.2	82.9	70.5

Table 20. Population projections (2010-2060)

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

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

## MANPOWER

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

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

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

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

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

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

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

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

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

**Table 21. Important labor force status**

Thousands

Year	Total population	Persons aged 15 years and over		Labor force						Not in labor force	
				Total		Employed		Unemployed			
		Both sexes	Female	Both sexes	Female	Both sexes	Female	Both sexes	Female	Both sexes	Female
Ave. 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
Ave. 2009	22 977	18 855	9 547	10 917	4 737	10 279	4 502	639	235	7 937	4 810

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. 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
Ave. 2009	47.51	57.90	66.40	49.62	8.05	44.73	54.51	94.15	5.85

**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. 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
Ave. 2009	7 937	177	2 197	2 366	2 305	893

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. 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
Ave. 2009	10 917	139	736	1 639	1 628	1 503	1 508	1 441	1 130	723	276	194



## 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	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
100.00	1.28	6.74	15.01	14.91	13.77	13.81	13.20	10.35	6.62	2.53	1.78

Table 25. Employed

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction			
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
Ave. 2009	10 279	543	5	2 790	29	73	788	1 735	402

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
1 429	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
693	207	413	68	315	232	382	613	368	96	527

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
Ave. 2009	10 279	442	912	2 169	1 139	1 919	528	3 170

## 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
100.00	4.30	8.88	21.10	11.08	18.67	5.13	30.84

Table 27. Employed

Year	Number (Thousands)						
	Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
					Sub-total	Private	Government
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
Ave. 2009	10 279	470	1 331	588	7 889	6 850	1 040

## persons by class of workers

Structure (%)							
Total	Employers	Own-account workers	Unpaid family workers	Paid employees			
				Sub-total	Private	Government	
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	
100.00	4.57	12.95	5.72	76.76	66.64	10.11	

**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. 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
Ave. 2009	10 279	46	925	1 421	859	2 692	1 767	2 568

**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. 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
Ave. 2009	639	1	43	104	56	179	92	163



**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	3.53	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
100.00	0.44	9.00	13.83	8.36	26.19	17.19	24.99

**by educational attainment**

Unemployment rate (%)							
Total	Illiterate and Self-educated	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & graduate school
1.56	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
5.85	1.79	4.47	6.83	6.07	6.23	4.96	5.98

Table 30. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
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
Ave. 2009	49 674	39 152	95 996	44 234	40 930	40 154	49 068	27 171

Table 31. Average monthly

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
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
Ave. 2009	182.0	179.3	172.3	182.9	175.0	175.8	180.3	169.7

**earnings of employees by industry**

N. T. Dollars

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health & social work services	Art, entertainment & recreation	Other services
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
62 013	67 513	38 720	49 969	31 596	54 072	31 257	29 731

**working hours of employees by industry**

Hours

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health & social work services	Art, entertainment & recreation	Other services
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
169.1	168.1	181.7	174.0	187.7	173.3	184.4	195.2

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

2006=100

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade
Ave. 2001	111.22	68.08	78.04	67.90	99.46	82.48
Ave. 2002	120.91	75.48	82.49	74.63	107.94	84.53
Ave. 2003	104.46	81.91	86.66	77.03	107.44	86.67
Ave. 2004	120.09	86.53	89.99	77.91	108.95	88.54
Ave. 2005	121.11	92.47	95.62	87.80	102.00	95.36
Ave. 2006	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2007	130.22	107.38	104.82	98.80	100.36	104.91
Ave. 2008	119.21	107.86	104.13	94.87	95.72	106.40
Ave. 2009	129.11	109.69	98.51	98.76	95.81	108.04

  

Year	Transportation & storage	Accommodation & food services	Finance & insurance	Professional, scientific & technical services	Human health services	Art, entertainment & recreational	Other services
Ave. 2001	85.00	107.34	93.21	97.72	114.03	95.35	87.57
Ave. 2002	91.03	99.27	92.44	93.96	114.51	86.66	93.26
Ave. 2003	90.92	95.23	93.40	95.98	112.65	87.80	95.69
Ave. 2004	92.71	101.96	96.79	96.54	110.95	87.08	91.88
Ave. 2005	97.72	100.48	97.98	91.92	103.00	89.84	96.32
Ave. 2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2007	105.98	102.79	107.76	95.67	103.11	114.28	103.90
Ave. 2008	107.27	100.12	103.35	91.03	103.26	124.18	107.24
Ave. 2009	107.17	99.58	95.18	95.59	104.11	136.19	112.85

**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
2009	4 759	5 298	3 177 591
National	76	150	19 111
General federation of labor unions	14	103	-
Federation of industrial labor unions	10	3	-
Federation of occupational labor unions	50	44	-
Occupational labor unions	2	-	19 111
Regional	8	-	168 442
Industrial labor unions	7	-	146 556
Occupational labor unions	1	-	21 886
Export processing zones	42	41	26 189
Federation of industrial labor unions	1	41	-
Industrial labor unions	41	-	26 189
Science-based industrial park	1	-	1 684
Federations of industrial labor unions	-	-	-
Industrial labor unions	1	-	1 684
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	439	417	275 640
General federation of labor unions	3	417	-
Federation of industrial labor unions	3	-	-
Industrial labor unions	85	-	37 589
Occupational labor unions	348	-	238 051
Taiwan province	74	1 019	-
General federation of labor unions	3	143	-
Federation of industrial labor unions	17	233	-
Federation of occupational labor unions	54	643	-
County/City	3 678	3 377	2 130 713
General federation of labor unions	55	3 377	-
Industrial labor unions	656	-	205 734
Occupational labor unions	2 967	-	1 924 979

Table 34. Occupational

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

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

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

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

**injuries**

Times of disability(Person-case)					Total workday lost (Day)	Severity of <sup>2</sup> disability
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
10 497	81	11	276	10 129	938 828	171

Table 35. Labor

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

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

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

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



**dispute**

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

  

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

Table 36. Labor turnover rates

Year	Accession							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
Ave. 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
Ave. 2009	0.95	1.71	0.30	1.64	3.03	2.21	1.30	3.82

  

Year	Separation							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail 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
Ave. 2009	1.74	1.86	0.21	1.58	3.14	2.32	1.43	3.78

## of employees by industry

%

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health & social work 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
1.86	1.22	2.60	1.98	5.09	1.40	3.61	2.08

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health & social work 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
1.82	1.47	2.64	1.86	4.59	1.16	3.52	1.98



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

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

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

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

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

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

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

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

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

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

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

School Year	Institution (Numbers)		Teaching staff (Persons)				Students enrolled (Persons)			
	Total	Public	Total		Public		Total		Public	
			Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
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
2009	3 154	1 553	16 904	16 708	5 938	5 896	182 049	86 345	72 991	35 568

**Table 38. Education at the first level :**

School Year	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
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 r	2 651	2 613	101 360	69 420	99 811	68 144
2008 r	2 654	2 617	100 206	68 655	98 641	67 377
2009	2 658	2 621	99 164	68 075	97 566	66 773



**institutions, teachers, graduates and students**

Graduates (Persons)				Students enrolled (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
375 005	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
318 661	152 941	313 977	150 823	1 754 115	839 613	1 724 084	825 963
314 200	150 567	309 428	148 407	1 677 453	802 331	1 647 536	788 643
...	...	...	...	1 593 414	761 430	1 563 379	747 750

**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
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
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

**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
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
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

**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
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
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

**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
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
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

**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
2000 Total	1 174	949	98 677	57 775	79 144	47 103
General	986	854	79 865	48 823	67 712	42 322
Vocational	188	95	18 812	8 952	11 432	4 781
2001 Total	1 181	958	98 609	58 674	80 026	48 509
General	1 003	863	81 212	50 402	68 693	43 644
Vocational	178	95	17 397	8 272	11 333	4 865
2002 Total	1 188	965	97 710	58 857	79 484	48 929
General	1 018	870	81 499	51 061	68 437	44 031
Vocational	170	95	16 211	7 796	11 047	4 898
2003 Total	1 192	973	97 738	59 421	79 638	49 555
General	1 028	880	81 967	51 758	68 819	44 655
Vocational	164	93	15 771	7 663	10 819	4 900
2004 Total	1 196	975	97 432	59 722	79 507	49 957
General	1 035	882	81 928	52 112	68 622	44 887
Vocational	161	93	15 504	7 610	10 885	5 070
2005 Total	1 203	987	98 499	60 735	80 027	50 575
General	1 046	894	82 909	53 032	69 142	45 456
Vocational	157	93	15 590	7 703	10 885	5 119
2006 Total	1 210	991	100 498	62 263	81 879	51 914
General	1 054	899	84 330	54 147	70 427	46 386
Vocational	156	92	16 168	8 116	11 452	5 528
2007 Total	1 216	994	102 333	63 768	83 504	53 244
General	1 060	902	86 075	55 528	71 989	47 639
Vocational	156	92	16 258	8 240	11 515	5 605
2008 Total	1 217	994	102 994	64 342	84 150	53 778
General	1 061	902	86 524	55 934	72 615	48 100
Vocational	156	92	16 470	8 408	11 535	5 678
2009 Total	1 226	1 000	104 035	65 263	85 080	54 531
General	1 070	908	87 450	56 674	73 453	48 726
Vocational	156	92	16 585	8 589	11 627	5 805

**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
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	1 707 331	813 162	1 259 443	600 570
453 886	221 300	374 755	181 778	1 367 834	663 878	1 130 528	547 339
102 190	46 541	39 409	16 927	339 497	149 284	128 915	53 231
550 813	264 726	413 074	198 126	1 704 855	812 197	1 259 493	601 358
447 749	218 222	373 016	181 159	1 358 292	659 461	1 129 783	547 662
103 064	46 504	40 058	16 967	346 563	152 736	129 710	53 696
...	...	...	...	1 706 425	812 741	1 261 033	601 340
...	...	...	...	1 351 817	655 878	1 129 860	547 424
...	...	...	...	354 608	156 863	131 173	53 916

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		
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
2009	164	54	15	149	50 658	17 026	19 047	5 695	1 467	49 191



**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			
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
317 162	159 976	103 598	47 095	28 014	227 885	61 263	1 337 455	654 341	422 736	189 646	117 653	1 006 102	213 700
...	...	...	...	...	...	...	1 336 592	656 620	430 308	194 500	108 555	1 010 885	217 152

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
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
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

**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
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
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

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
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
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

**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
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
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

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
2000 Total	997	812	4 929	2 551	3 066	1 682
Special	23	21	1 601	1 098	1 547	1 048
Others	974	791	3 328	1 453	1 519	634
2001 Total	978	779	4 947	2 570	3 012	1 692
Special	24	22	1 639	1 143	1 586	1 094
Others	954	757	3 308	1 427	1 426	598
2002 Total	978	782	4 882	2 586	3 053	1 749
Special	25	23	1 647	1 172	1 595	1 122
Others	953	759	3 235	1 414	1 458	627
2003 Total	958	758	4 583	2 509	2 934	1 757
Special	24	23	1 687	1 205	1 638	1 157
Others	934	735	2 896	1 304	1 296	600
2004 Total	931	737	4 394	2 415	2 858	1 729
Special	24	23	1 693	1 199	1 643	1 151
Others	907	714	2 701	1 216	1 215	578
2005 Total	916	715	4 148	2 348	2 718	1 685
Special	24	23	1 709	1 223	1 659	1 176
Others	892	692	2 439	1 125	1 059	509
2006 Total	901	702	3 363	1 963	2 024	1 339
Special	24	23	1 736	1 234	1 686	1 190
Others	877	679	1 627	729	338	149
2007 Total	888	688	3 300	1 955	2 039	1 376
Special	24	23	1 761	1 277	1 710	1 233
Others	864	665	1 539	678	329	143
2008 Total	869	672	3 226	1 954	2 016	1 371
Special	24	23	1 734	1 260	1 695	1 228
Others	845	649	1 492	694	321	143
2009 Total	858	661	3 226	1 995	2 048	1 401
Special	24	23	1 738	1 274	1 701	1 244
Others	834	638	1 488	721	347	157

**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
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
78 252	39 246	34 949	19 707	260 400	132 240	130 028	76 168
1 942	759	1 924	753	6 875	2 710	6 747	2 667
76 310	38 487	33 025	18 954	253 525	129 530	123 281	73 501
...	...	...	...	247 537	124 772	123 949	71 830
...	...	...	...	7 145	2 806	7 027	2 766
...	...	...	...	240 392	121 966	116 922	69 064

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 <sup>1</sup> (3rd level)		
				Total	Male	Female	Total	Male	Female
<b>Net enrollment rates</b>									
1990	77.97	97.12	98.04	85.45	83.64	87.35	19.36	18.33	20.44
1991	78.74	97.97	98.70	86.17	84.40	88.05	20.98	20.22	21.78
1992	79.35	97.60	98.92	86.46	84.76	88.26	23.47	23.04	23.92
1993	79.79	98.12	99.31	87.43	85.80	89.15	25.61	24.99	26.26
1994	79.11	97.47	98.36	88.59	86.59	90.71	26.26	24.99	27.60
1995	79.38	98.36	99.06	88.84	87.03	90.75	27.79	25.88	29.78
1996	78.95	98.23	99.02	89.57	87.93	91.31	29.07	26.88	31.37
1997	79.26	98.38	98.62	90.79	89.23	92.45	31.09	28.35	33.97
1998	80.04	98.15	97.78	91.68	90.31	93.13	33.32	30.19	36.61
1999	80.40	98.24	97.81	92.56	91.29	93.91	35.43	32.14	38.90
2000	81.23	98.00	98.78	92.19	90.96	93.49	38.70	35.47	42.11
2001	82.29	97.32	98.19	92.92	91.83	94.07	42.51	38.98	46.23
2002	83.44	97.15	98.04	93.74	92.84	94.72	45.68	42.14	49.41
2003	84.63	96.73	97.29	93.83	93.03	94.69	49.05	45.33	52.99
2004	86.55	97.68	98.23	93.63	92.94	94.39	53.20	49.58	57.04
2005	87.71	98.68	98.46	93.63	93.05	94.26	57.42	54.00	61.06
2006	88.55	98.11	97.77	94.91	94.42	95.43	59.83	56.70	63.16
2007 r	89.26	97.84	97.79	94.56	94.23	94.92	61.41	58.33	64.71
2008 r	89.70	97.75	97.74	95.16	94.85	95.51	63.76	60.42	67.37
2009	89.94	97.95	98.01	95.35	95.00	95.74	64.98	61.34	68.93
<b>Gross enrollment rates</b>									
1990 r	81.27	99.80	100.46	95.00	92.85	97.27	29.65	30.18	29.09
1991 r	82.41	100.73	100.99	95.40	93.58	97.32	32.37	32.96	31.75
1992 r	83.36	100.50	101.27	95.60	93.71	97.60	35.56	36.25	34.83
1993 r	83.86	100.95	101.77	95.32	93.67	97.06	37.93	38.63	37.19
1994 r	83.26	100.37	100.90	95.93	94.02	97.96	38.32	38.43	38.21
1995 r	83.17	100.94	101.39	95.66	93.84	97.59	39.44	38.54	40.39
1996 r	83.00	101.01	101.12	95.79	94.06	97.63	40.90	39.24	42.64
1997 r	83.39	101.12	100.63	97.21	95.60	98.92	43.08	40.71	45.58
1998 r	84.62	100.89	99.80	98.55	97.12	100.07	46.98	44.30	49.79
1999 r	85.61	100.85	99.67	99.61	98.26	101.04	50.52	48.00	53.17
2000 r	87.23	100.28	100.49	99.23	98.05	100.49	56.14	53.87	58.54
2001 r	89.07	99.53	99.66	99.44	98.31	100.64	62.96	60.44	65.62
2002 r	90.56	99.57	99.99	99.33	98.31	100.43	67.56	64.52	70.78
2003 r	91.87	100.01	99.53	99.03	98.16	99.96	72.37	68.76	76.18
2004 r	93.87	100.43	100.77	98.30	97.58	99.09	78.11	74.62	81.80
2005 r	94.73	100.17	100.34	97.91	97.30	98.58	82.02	79.13	85.08
2006 r	95.33	99.52	99.54	99.14	98.63	99.68	83.58	81.37	85.94
2007 r	96.05	100.22	100.82	98.68	98.27	99.11	85.31	83.25	87.52
2008 r	95.51	100.21	100.70	99.24	98.94	99.56	83.18	80.75	85.81
2009	95.25	100.43	101.40	98.98	98.78	99.20	82.17	79.51	85.06

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



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

%

School Year	Elementary school			Junior high school			Senior high school			Vocational school		
	Average	Male	Female	Average	Male	Female	Average	Male	Female	Average	Male	Female
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 r	99.89	99.88	99.91	94.73	94.69	94.79	74.35	75.58	73.10	30.14	28.04	32.07
2000 r	99.79	99.78	99.79	95.31	94.46	96.20	74.77	75.43	74.11	36.90	33.52	40.07
2001 r	99.15	99.34	98.98	95.97	94.91	97.10	77.13	77.41	76.86	42.72	38.48	46.78
2002 r	99.70	99.64	99.76	95.48	94.81	96.20	81.21	81.09	81.32	46.58	42.91	50.17
2003 r	99.44	99.44	99.44	95.74	94.74	96.82	82.20	80.78	83.60	56.02	50.95	61.04
2004 r	99.42	99.45	99.39	96.03	95.26	96.86	86.01	84.98	87.00	62.72	59.39	66.32
2005 r	99.31	99.21	99.41	94.88	93.52	96.38	88.44	87.28	89.56	66.61	63.90	69.71
2006 r	99.54	99.68	99.39	96.23	95.66	96.86	91.13	90.48	91.75	69.79	67.61	72.34
2007 r	99.66	99.63	99.69	96.26	95.46	97.12	93.61	93.07	94.12	72.96	71.50	74.64
2008 r	99.79	99.74	99.83	95.38	94.76	96.06	95.34	94.76	95.91	76.47	74.95	78.28
2009	99.73	99.77	99.70	97.63	97.42	97.86	95.56	94.88	96.23	76.91	75.27	78.90

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

Table 44. Opportunity for graduates entering advanced levels

%

School Year	Junior high school			Senior high school		
	Average	Male	Female	Average	Male	Female
1980	86.01	85.03	87.12	79.90	74.93	86.32
1981	89.86	89.56	90.18	82.15	76.78	88.90
1982	95.42	96.59	94.13	81.01	77.32	85.59
1983	91.69	91.84	91.52	82.33	78.81	86.40
1984	95.21	95.29	95.13	82.15	78.05	86.76
1985	95.66	96.62	94.63	80.32	77.74	83.37
1986	103.14	101.25	105.15	82.26	79.03	86.06
1987	102.70	101.08	104.40	85.50	83.49	87.77
1988	104.56	103.29	105.88	90.62	83.90	98.24
1989	104.01	104.75	103.25	88.21	85.61	91.00
1990	107.75	108.39	107.10	93.78	96.21	91.17
1991	105.24	106.20	104.26	96.37	109.79	82.06
1992	104.74	105.37	104.09	106.62	115.69	96.71
1993	106.06	107.09	104.98	100.95	107.27	94.33
1994	104.38	104.75	104.00	94.55	92.65	96.67
1995	105.24	106.02	104.42	95.86	95.05	96.76
1996	106.00	107.00	104.95	103.73	103.14	104.36
1997	106.52	107.10	105.90	106.39	108.13	104.51
1998	108.46	109.76	107.09	103.47	106.30	100.52
1999	109.45	110.92	107.91	108.60	110.79	106.40
2000	108.05	109.26	106.77	118.17	118.26	118.07
2001	107.51	108.57	106.39	...	...	...
2002	106.95	108.11	105.71	...	...	...
2003	105.51	104.32	104.94	...	...	...
2004	105.57	106.06	105.03	...	...	...
2005	104.71	105.05	104.34	...	...	...
2006	105.51	106.42	104.51	...	...	...
2007	105.12	106.02	104.14	...	...	...
2008	105.07	105.95	104.13	...	...	...
2009	104.96	106.11	103.71	...	...	...

**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
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 r	18.96	15.60	19.69	20.51	20.08	19.07
2001 r	18.60	15.67	19.41	19.18	20.56	19.83
2002 r	18.39	16.05	19.41	18.19	20.97	20.00
2003 r	18.43	16.14	19.17	18.15	19.78	20.00
2004 r	18.31	16.28	19.39	18.42	19.57	19.88
2005 r	18.02	16.02	19.44	18.81	18.92	19.82
2006 r	17.86	15.70	19.29	18.41	21.01	19.64
2007 r	17.31	15.23	19.11	18.70	22.73	19.92
2008 r	16.74	15.09	18.91	19.01	23.65	20.18
2009 r	16.07	14.91	18.73	19.08	26.13	20.77

**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
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
2009	11.13	11.55	10.72	4.19	2.08	6.25

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

**population aged 25 and over**

%

First level			Second level			Third level		
Average	Male	Female	Average	Male	Female	Average	Male	Female
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
18.55	16.62	20.42	44.18	46.17	42.25	33.08	35.13	31.08

**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	
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 r	505 683 604	412 416 379	407 595 911	19.159	22.37	93 267 225
1997 r	547 227 576	434 460 507	420 905 497	19.982	23.12	112 767 069
1998 r	567 147 236	447 513 166	430 675 819	20.408	22.46	119 634 070
1999 r	600 599 956	472 153 552	453 089 741	21.372	23.03	128 446 404
2000 r	548 761 349	408 555 533	381 934 938	18.340	18.99	140 205 817
2001 r	590 424 785	439 393 895	406 867 565	19.611	19.34	151 030 890
2002 r	616 058 995	457 515 286	424 298 127	20.315	21.33	158 543 709
2003 r	639 453 173	469 989 653	431 578 597	20.792	21.20	169 463 520
2004 r	660 729 398	485 505 947	443 956 707	21.398	21.63	175 223 451
2005 r	685 486 947	505 012 525	458 928 403	22.178	22.03	180 474 422
2006 r	704 470 012	519 093 823	471 678 049	22.691	23.44	185 376 189
2007 r	711 728 668	528 088 895	477 766 196	23.002	23.06	183 639 773
2008 r	741 178 348	544 740 737	491 484 711	23.646	23.24	196 437 611
2009	813 986 313	617 794 980	555 493 694	26.721	25.10	196 191 333

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

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

Thousands of N. T. Dollars

Fiscal Year	Total	Pre-school education	1st level education	2nd level education	3rd level education	Special and others education
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	575 367 013	18 122 130	155 676 625	187 054 641	210 569 732	3 943 885
2005	593 858 141	16 888 946	160 682 822	190 863 306	221 580 704	3 842 363
2006	606 562 897	16 840 356	164 377 547	193 357 096	228 263 975	3 723 923
2007	627 849 753	18 170 356	164 539 304	200 206 186	240 937 606	3 996 301
2008	634 406 381	18 798 549	165 172 549	202 446 736	243 827 954	4 160 595

Notes : Excluding social education and international cultural expenditures.

Table 49. Number of foreign

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

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

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



**students in Taiwan by field of study**

Persons

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

Table 49. Number of foreign

School Year	Total	Education	Arts	Humanities	Design	Social & behavior science	Journalism & information	Business & administration	General law	Life science	Natural science
2007	15 436	185	79	718	75	407	280	1 431	37	117	137
2008	16 909	202	106	889	91	477	310	1 574	39	142	178
2009	19 376	229	128	1 040	175	557	359	2 132	39	168	200
Asia	11 853	186	95	800	159	322	297	1 488	32	129	169
Indonesia	1 492	10	3	76	12	17	13	168	-	11	6
Japan	2 142	29	14	170	3	54	9	44	15	2	1
Korea	1 590	37	11	127	1	58	29	85	3	5	3
America	4 393	23	22	145	14	133	34	442	3	28	12
Canada	496	4	3	30	1	17	3	45	2	2	1
U. S. A.	2 505	19	11	95	6	54	8	131	1	9	4
Europe	2 346	19	11	79	1	75	16	101	3	7	16
France	587	3	1	5	1	7	5	22	-	1	6
Germany	388	1	3	11	-	10	4	14	1	1	-
United Kingdom	280	2	1	22	-	9	-	9	-	1	1
Africa	381	-	-	11	1	12	6	65	-	1	3
South Africa	89	-	-	9	1	3	1	7	-	-	-
Oceania	403	1	-	5	-	15	6	36	1	3	-
Australia	214	1	-	4	-	6	-	7	-	1	-
New Zealand	46	-	-	-	-	1	-	3	-	-	-

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

students in Taiwan by field of study (continued)

Persons

Mathematics & statistics	Computing	Engineering	Architecture & building	Agriculture, forestry & fishery	Veterinary	Health	Social services	Personal services	Transportation services	Environmental protection	Language center	Others
9	163	971	43	213	14	145	13	183	28	10	10 177	1
14	184	1 246	50	243	16	152	17	188	14	12	10 651	114
19	152	1 583	60	277	15	191	27	278	18	2	11 612	115
6	96	1 140	44	181	8	110	26	242	11	1	6 209	102
-	13	243	3	12	1	3	-	22	1	1	877	-
-	2	15	6	5	1	21	-	11	1	-	1 739	-
-	7	10	3	2	-	8	5	50	-	-	1 145	1
6	27	281	11	61	5	43	1	21	6	1	3 071	3
1	1	3	-	-	2	2	-	1	-	1	376	1
4	7	26	1	3	2	24	1	10	-	-	2 087	2
5	6	54	3	4	-	7	-	7	-	-	1 923	9
2	1	10	-	1	-	-	-	2	-	-	520	-
-	1	2	-	-	-	-	-	2	-	-	338	-
-	-	-	1	-	-	-	-	-	-	-	234	-
2	15	87	1	22	2	19	-	1	-	-	133	-
-	1	1	-	-	1	1	-	-	-	-	64	-
-	8	21	1	9	-	12	-	7	1	-	276	1
-	-	3	1	-	-	1	-	1	1	-	188	-
-	-	2	-	-	-	1	-	-	-	-	39	-

**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)
1997	...	47 573	...	156 321	...	1.82	...	3.29
1998	...	53 492	...	176 455	...	1.91	...	3.30
1999 r	104 535	54 844	40 857	190 520	32.5	1.97	1.26	3.47
2000 r	104 568	55 460	39 966	197 631	33.4	1.94	1.14	3.56
2001 r	107 757	59 656	39 296	204 974	33.3	2.06	1.26	3.44
2002 r	120 013	69 887	40 972	224 428	35.2	2.16	1.30	3.21
2003 r	127 628	75 111	43 077	242 942	35.2	2.27	1.28	3.23
2004 r	138 604	81 209	47 568	263 271	33.6	2.32	1.24	3.24
2005 r	149 154	88 859	49 471	280 980	31.5	2.39	1.36	3.16
2006 r	161 314	95 176	54 519	307 037	31.4	2.51	1.34	3.23
2007 r	175 741	103 455	59 868	331 386	29.9	2.57	1.36	3.20
2008	184 633	110 089	62 936	351 405	28.2	2.77	1.39	3.19

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

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

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

**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
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
2009	-	252	-	36	-	91	-	28	-	89	-	8

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

Year	Total	Natural sciences	Engineering and Technology	Medical and agricultural sciences	Humanities and sciences	Education sciences	Others
<b>Items</b>							
1990	3 844	738	1 351	1 341	316	98	-
1991	4 798	1 042	1 750	1 289	454	123	140
1992	5 761	1 191	2 363	1 529	525	133	20
1993	6 843	1 388	2 897	1 571	705	252	30
1994	7 544	1 413	3 211	1 658	884	330	48
1995	8 338	1 505	3 614	1 675	1 075	456	13
1996	8 648	1 619	3 572	1 894	1 090	469	4
1997	9 730	1 781	3 867	2 053	1 582	437	10
1998	10 665	1 791	4 296	2 217	1 882	478	1
1999	11 112	1 841	4 386	2 297	2 084	494	10
2000	24 597	3 733	9 678	5 380	4 771	1 020	15
2001	13 715	2 023	5 496	2 878	2 576	742	-
2002	14 985	1 928	6 252	3 115	2 989	701	-
2003 r	16 073	2 021	6 795	3 261	3 123	873	-
2004 r	16 973	2 192	7 245	3 480	3 397	659	-
2005 r	17 192	2 274	7 322	3 438	3 468	688	2
2006 r	17 789	2 408	7 437	3 549	3 704	688	3
2007 r	14 975	1 881	6 150	2 816	3 588	535	5
2008 r	12 822	1 641	5 236	2 245	3 162	538	-
2009	13 652	1 882	5 471	2 176	3 512	504	107
<b>Grants (Millions of N. T. Dollars)</b>							
1990	2 083	519	682	710	129	43	-
1991	3 605	872	1 049	774	206	75	628
1992	3 572	955	1 330	938	256	67	25
1993	4 156	1 207	1 391	1 130	301	113	15
1994	4 462	1 170	1 585	1 136	421	140	11
1995	4 762	1 332	1 545	1 219	467	194	5
1996	5 048	1 294	1 810	1 266	477	198	3
1997	5 083	1 305	1 803	1 201	576	193	6
1998	6 196	1 449	2 245	1 490	751	247	14
1999	7 121	1 704	2 551	1 773	815	274	4
2000	16 252	3 781	5 615	4 329	1 880	640	7
2001	9 687	2 320	3 399	2 364	1 045	560	-
2002	12 111	2 636	4 207	3 294	1 466	509	-
2003 r	12 796	2 919	4 536	3 172	1 477	693	-
2004 r	14 037	3 183	5 099	3 510	1 679	566	-
2005 r	15 394	3 823	5 414	3 754	1 804	598	1
2006 r	16 977	4 114	5 764	4 268	2 189	610	31
2007 r	15 172	3 467	4 983	3 891	2 297	523	10
2008 r	12 914	2 867	4 447	3 276	1 866	459	-
2009	14 744	3 329	4 705	3 388	2 101	486	735

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

**Table 56. Science and technology output indicators**

Year	Papers in SCI		Patents granted and rank in U. S. P.	
	Papers	Rank	Patents	Rank
1984 r	775	39	99	17
1985 r	1 006	38	174	13
1986 r	1 235	36	208	13
1987 r	1 510	33	343	12
1988 r	1 906	29	457	11
1989 r	2 220	29	591	11
1990 r	2 775	28	732	11
1991 r	3 275	26	906	9
1992 r	4 307	25	1 001	9
1993 r	4 890	22	1 189	7
1994 r	6 115	20	1 443	7
1995 r	7 002	19	1 620	7
1996 r	7 861	19	1 897	7
1997 r	8 126	20	2 057	7
1998 r	8 957	19	3 100	7
1999 r	9 423	20	3 693	5
2000 r	9 652	21	4 667	4
2001 r	11 147	18	5 371	4
2002 r	11 405	18	5 431	4
2003 r	13 128	18	5 298	4
2004 r	13 628	18	5 938	4
2005 r	16 758	18	5 118	4
2006 r	17 949	17	6 361	4
2007 r	18 666	16	6 128	5
2008	22 554	16	6 339	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
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
2009	78 425	51 256	27 169	43 724	33 457	10 267

**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 (%)
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
2009	22.49	21.64	11.56	9.81

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

Numbers

Year	Public libraries	Books <sup>1</sup> published	Publishing industries <sup>2</sup>					
			Total	Newspaper & related publishing	Periodical & magazine publishing	Book publishing	Other publishings	Software publishing
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
2009	542	40 575	3 187	189	1 018	1 770	101	109

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

Table 60. General condition of

Year and locality	Total	By category of law						Old House
		National	Municipal	Counties (Cities)	1st Class	2nd Class	3rd Class	
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
2009	712	88	155	469	-	-	-	107
Taiwan Province	497	65	0	432	-	-	-	58
Taipei County	63	6	0	57	-	-	-	12
Yilan County	27	0	0	27	-	-	-	3
Taoyuan County	13	1	0	12	-	-	-	2
Hsinchu County	23	1	0	22	-	-	-	5
Miaoli County	8	1	0	7	-	-	-	1
Taichung County	18	1	0	17	-	-	-	6
Changhwa County	37	6	0	31	-	-	-	4
Nantou County	13	1	0	12	-	-	-	0
Yunlin County	16	1	0	15	-	-	-	4
Chiayi County	15	2	0	13	-	-	-	2
Tainan County	17	2	0	15	-	-	-	3
Kaohsiung County	21	2	0	19	-	-	-	0
Pingtung County	18	3	0	15	-	-	-	1
Taitung County	0	0	0	0	-	-	-	0
Hwalien County	10	0	0	10	-	-	-	4
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	147	12	135	0	-	-	-	34
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

Notes : 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
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
189	17	18	24	12	9	31	20	5	14	266
160	15	12	21	11	5	17	17	2	13	166
10	0	0	2	2	1	2	9	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	1	0	0	1	0
2	0	1	0	0	0	0	0	0	1	3
2	0	1	0	1	0	1	0	0	0	7
26	0	0	0	2	0	2	0	0	0	3
3	0	0	0	3	0	0	0	0	1	6
5	0	0	0	1	0	2	0	0	0	4
8	0	0	0	0	0	0	2	0	0	3
10	0	0	0	0	0	0	0	0	0	4
2	2	0	0	1	0	0	0	0	0	16
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	10	0	0	0	75
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
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
2009	10 596	3 620	2 611	2 386	1 979

Notes : Traveling data included package holiday only since 2009.

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

Year	Park, Green Area, Play Ground, Athletic Complex & Square (Hectares)		Recreational apparatuses (per 100 Households)				
	Total area	Area per 10 000 population	Color television sets	DVD player	Personal computer	Cable TV	Pianos
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 r	4 996	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 r	5 689	3.12	99.39	44.11	69.27	81.65	10.44
2009	6 696	3.60	99.56	42.18	70.51	81.97	10.25

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

## HEALTH 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 website of the Department of Health, Executive Yuan, R.O.C. Data on nutrient supply are obtained from the *Agricultural Statistics Yearbook* published by the Council of Agriculture, Executive Yuan. In the area of the environment, this chapter includes information on air pollution, pollution of rivers, environmental noise monitoring, clearance of municipal solid waste, budget of environmental agencies, pollution inspection and administrative penalty, and water withdrawal. Data on environment come from the official statistics contained in the *Yearbook of Environmental Protection Statistics, Republic of China* published by the Environmental Protection Administration, Executive Yuan and data on water withdrawal is from the Water Resources Agency, MEA. Affairs respectively.

The scope of data on medical care facilities covered public and private medical care institutions since 1971. The classification standards for major causes of death is based on the tenth revision of the *International Statistical Classification of Diseases and Related Health Problems (ICD)* by the World Health Organization. The hospital beds include 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 $\mu$ m, sulfur dioxide density, nitrogen dioxide density, carbon monoxide density, and ozone density -- monitored in the air by one of the 57 monitoring stations scattered in Taiwan Area is converted to the PSI sub-index value. Second, the largest one picked from the 5 PSI sub-index values calculated by the station for a day is to serve as the PSI for the station on the specific day.

**PSI value cross reference table**

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

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

### Level of river pollution

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

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

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

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 requires 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 area, mainly used for industrial or trafficked purpose where noises need to be controlled to prevent from disturbing the neighboring residences.



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

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

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

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
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
2009	233 553	18.48	4.86	12.67	53.56	3.51	1.99	4.93

Notes : 1. Others only referred to midwives before 1995; data 1995 and 1996 included midwives and dietitians. Beginning 1997, data included midwives, dietitians, physical therapist and physical therapist assistants.  
2. Data do not include Kinmen County and Lienchiang County before 1993.

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

Persons

Year	Utilization Rate of Preventive Health Examination for Adults(%)	General <sup>1</sup> Fertility Rate of Child bearing age women(‰)	Utilization Rate of Preventive Health Examination for Children(%)	Examination of Children <sup>4</sup>		
				under 1 years	1-3 years	3-7 years
2001	-	41	-	518 628	144 838	36 599
2002	-	39	-	740 118	251 703	89 560
2003	-	36	-	714 758	221 415	90 534
2004	-	34	-	393 856	326 772	179 277
2005	-	33	-	626 961	559 131	257 093
2006	-	33	79.8	716 974	640 397	269 982
2007	34.4	32	66.3	549 168	504 744	195 413
2008	34.2	31	68.6	547 055	511 220	191 143

Year	O.P.D Examination <sup>5</sup>		Type of childbirth <sup>5</sup>			Pap smear <sup>5</sup> examination	Utilization Rate of Cervical Pap Smear Examination for Women(%)
	NO. of person received first examination	34+ years	Total	Spontaneous childbirth	Cesarean section		
2001	244 665	23 057	238 551	159 296	79 255	1 254 282	-
2002	214 708	29 392	228 220	152 426	75 794	2 553 064	-
2003	117 846	18 902	213 606	143 977	69 629	2 575 030	-
2004	186 841	16 378	209 783	141 824	67 959	1 257 240	-
2005	212 873	20 814	199 729	133 675	66 054	1 718 601	-
2006	252 370	29 512	198 334	131 816	66 518	1 943 181	24.9
2007	209 387	37 700	196 258	128 557	67 701	1 745 442	25.5
2008	201 946	38 889	190 035	124 559	65 476	1 822 753	26.0

**Notes :** <sup>1</sup> Data do not include Kinmen County and Lienchiang County before 2007. <sup>2</sup> Data do not include Kinmen County and Lienchiang County before 1994.

<sup>3</sup> Data do not include Kinmen County and Lienchiang County before 2006. <sup>4</sup> Data do not include Kinmen County and Lienchiang County before 1999.

<sup>5</sup> Data do not include Kinmen County and Lienchiang County before 1995.

Table 66. Death rates of the leading

Year	Death rates by the				
	Malignant neoplasms	Heart disease	Cerebrovascular disease	Diabetes mellitus	Accident
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	175.87	56.74	56.18	44.64	31.11
2008	169.20	68.38	46.37	34.94	30.77
2009	172.96	65.40	44.99	35.66	31.88

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

**causes, infant and maternity**

leading causes (Per 100 000 population)						Infant mortality rate (Per 1 000 live births)	Maternal mortality rate (Per 100 000 live births)
Pneumonia	Chronic liver disease and Cirrhosis	Nephritis, Nephrotic <sup>1</sup> Syndrome and Nephrosis	Suicide	Hypertensive disease			
19.25	16.92	7.59	9.97	18.43	9.83	18.66	
15.76	17.11	12.96	11.34	17.51	8.86	19.38	
12.31	16.95	11.60	12.30	17.61	8.08	19.06	
11.34	17.11	11.59	12.00	18.47	7.64	17.01	
9.59	16.65	11.29	10.87	17.50	6.86	14.06	
10.61	16.48	11.53	11.92	18.08	6.78	9.85	
12.29	16.63	11.02	11.68	17.30	6.29	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	
36.22	21.31	17.33	17.61	16.12	4.07	8.36	

**Table 67. Daily nutrient**

Year	Energy (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)
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 r	2 973.6	95.9	121.0	362.6	589.7
1999 r	3 048.3	98.0	127.1	367.7	618.4
2000 r	3 021.7	96.7	123.7	370.0	601.3
2001 r	2 879.8	92.4	117.2	352.5	576.8
2002 r	2 934.7	95.3	124.6	352.9	614.5
2003 r	2 977.5	96.6	124.9	361.5	600.6
2004 r	2 889.2	91.9	119.9	355.1	577.5
2005 r	2 950.5	91.6	126.7	355.9	572.6
2006 r	2 889.0	92.1	121.0	351.1	580.2
2007 r	2 860.1	92.4	121.5	342.8	564.9
2008	2 672.6	84.8	110.0	329.9	515.5

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

**consumption per capita**

Phosphorus (Milligrams)	Iron (Milligrams)	Vitamin A value (International unit)	Thiamine (Milligrams)	Riboflavin (Milligrams)	Niacin value (Milligrams)	Ascorbic acid (Milligrams)
1 275.0	13.8	6 069.1	1.7	1.0	16.4	132.4
1 258.2	13.6	6 344.7	1.7	1.0	16.3	131.2
1 207.6	13.2	6 408.0	1.6	0.9	15.6	128.8
1 229.7	13.3	6 065.8	1.6	1.0	16.1	126.3
1 220.0	13.3	5 904.7	1.6	1.0	15.9	119.2
1 190.6	11.0	7 459.8	1.4	1.1	15.8	134.2
1 213.4	11.3	7 404.6	1.5	1.2	15.8	133.0
1 245.5	12.0	6 775.3	1.5	1.2	15.8	127.7
1 298.6	12.6	7 621.3	1.6	1.3	16.6	140.9
1 273.6	12.6	7 241.2	1.5	1.3	16.1	142.6
1 281.9	12.6	7 005.7	1.5	1.3	16.2	138.4
1 314.9	13.0	6 814.1	1.6	1.3	16.6	132.2
1 304.0	12.9	7 368.0	1.6	1.4	15.7	138.4
1 339.1	13.4	7 315.6	1.6	1.5	16.8	132.9
1 377.8	13.7	7 648.0	1.6	1.5	17.7	141.7
1 370.7	13.9	7 700.3	1.7	1.5	16.8	133.9
1 385.5	14.2	8 084.5	1.7	1.6	16.7	141.4
1 361.9	14.2	8 596.0	1.6	1.6	16.7	143.9
1 390.6	14.2	8 514.9	1.6	1.6	17.3	157.8
1 302.7	12.8	8 368.5	1.6	1.5	17.1	141.4
1 334.7	13.3	9 109.7	1.6	1.6	17.6	167.0
1 308.4	13.2	8 697.6	1.6	1.6	17.1	150.9
1 245.6	12.7	8 327.3	1.5	1.5	16.4	149.0
1 299.2	13.9	9 069.9	1.6	1.6	16.9	160.6
1 282.9	14.1	8 682.0	1.6	1.5	16.9	156.3
1 227.5	13.5	8 517.8	1.6	1.5	16.3	153.5
1 205.1	13.6	8 195.8	1.5	1.4	15.5	140.8
1 218.9	13.6	8 567.0	1.6	1.5	15.7	152.2
1 215.9	13.4	8 059.2	1.5	1.4	15.6	139.3
1 114.7	13.1	7 885.8	1.4	1.3	14.5	139.5

Table 68. Number of patients of notifiable diseases

Persons

End of Year	Tuberculosis	Dysentery	Typhoid & paratyphoid fever	Acute viral hepatitis	Enteroviruses complicated severe case	AIDS	Dengue fever
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 r	14 424	317	44	631	373	850	714
2009	13 512	281	86	545	29	930	1 052

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



**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)
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 r	458 864	12.3	21.3
1997	451 821	12.1	20.8
1998	463 502	12.4	21.1
1999	463 573	12.4	21.0
2000	691 731	18.7	31.1
2001	693 874	18.7	31.0
2002	694 508	18.8	30.8
2003	695 258	18.8	30.8
2004	695 959	18.8	30.7
2005	695 875	18.8	30.6
2006	695 660	18.8	30.4
2007	1 049 328	18.8	45.7
2008	1 051 148	18.8	45.6
2009	1 089 234	18.9	47.1

**Notes :** 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 403,105.04 ha. in 2009.

**Table 70. Concentration**

Year	Dustfall (Ton/Km <sup>2</sup> /Month)	Total suspended particulates (µg/m <sup>3</sup> )	Suspended particulates (µg/m <sup>3</sup> )	Sulfur Dioxide
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
2009	5.03	78.74	58.99	4.030

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

**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	
1995	19 952	7 168	11 567	1 214	3	-	6.1
1996	20 692	8 209	11 123	1 351	9	-	6.6
1997	20 688	8 341	11 216	1 126	5	-	5.5
1998	20 722	9 813	9 863	1 042	4	-	5.1
1999	20 647	9 557	10 035	1 054	1	-	5.1
2000	20 760	9 609	10 101	1 050	-	-	5.1
2001	20 699	8 985	11 011	703	-	-	3.4
2002	20 722	8 738	11 321	662	1	-	3.2
2003	20 195	8 551	11 117	527	-	-	2.6
2004	20 598	7 950	11 700	948	-	-	4.6
2005	20 713	8 236	11 554	921	2	-	4.5
2006	20 760	8 578	11 319	863	-	-	4.2
2007	20 759	8 444	11 481	831	3	-	4.0
2008	20 779	8 737	11 425	615	1	1	3.0
2009	20 799	8 262	11 864	660	7	6	3.2

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

**of air pollutants**

ppb

Carbon monoxide	Nitrogen dioxide	Hydrocarbons (Non-methane)	Ozone
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	258.88	59.739
511.44	17.868	269.07	60.126
470.25	16.896	255.22	58.471
446.46	16.149	216.61	59.895

**standard indices (PSI)**

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

Suspended particulates	Sulfur dioxide	Carbon monoxide	Ozone	Nitrogen dioxide
71.5	-	-	28.5	-
61.0	-	-	39.0	-
44.7	-	-	55.3	-
42.7	-	-	57.3	-
43.2	-	-	56.8	-
60.1	-	-	39.9	-
36.8	-	-	63.2	-
21.4	-	-	78.6	-
23.7	-	-	76.3	-
32.8	-	-	67.2	-
42.6	-	-	57.4	-
40.8	-	-	59.2	-
25.9	-	-	74.1	-
40.2	-	-	59.8	-
38.9	-	-	61.1	-

Table 72. General quality of major rivers

mg/l

Year and river	DO	BOD <sub>5</sub>	S.S.	NH <sub>3</sub> -N
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 r	7.6	3.2	206.4	2.1
2007	7.7	3.0	200.4	2.2
2008	7.7	2.6	165.5	1.7
2009	7.9	2.8	206.0	1.7
Danshui river	6.6	3.7	20.0	2.0
Lanyang stream	8.4	0.8	321.2	-
Fengshan stream	9.2	2.3	15.4	0.4
Touchien stream	9.5	1.0	10.8	-
Chungkang stream	6.8	4.9	16.7	2.9
Houlung stream	9.3	2.4	23.8	0.3
Taan stream	9.0	1.2	18.9	0.1
Tachia stream	9.0	0.8	37.4	0.1
Wu stream	8.0	3.4	56.2	0.9
Choshui stream	8.4	1.1	6 213.3	0.1
Peikang stream	5.9	8.6	172.1	3.6
Potzu stream	7.2	2.6	40.7	4.5
Pachang stream	7.6	2.7	274.7	1.5
Chishui stream	3.2	6.6	35.2	3.9
Tsengwen stream	7.6	1.3	116.5	0.2
Yenshui stream	5.4	9.3	37.1	7.2
Erhjen stream	3.2	22.8	246.2	26.4
Akungdiaun stream	4.2	9.5	40.3	19.5
Kaoping stream	7.0	3.3	500.9	1.8
Tungkang stream	4.6	2.8	40.3	2.8
Szuchung stream	8.7	0.7	17.5	-
Peinan stream	8.4	0.6	1 613.1	0.1
Hsiukuluan stream	8.5	0.9	141.9	-
Hualien stream	8.7	0.7	44.6	-
Hoping stream	8.6	0.6	922.5	-

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

Table 73. Pollution level of major rivers

%

Year and river	Non-polluted	Light-polluted	Medium-polluted	Heavy-polluted
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
2009	67.2	8.1	18.9	5.9
Danshui river	67.1	9.3	16.8	6.8
Lanyang stream	100.0	-	-	-
Fengshan stream	93.4	5.8	0.8	-
Touchien stream	99.2	0.8	-	-
Chungkang stream	87.1	1.4	5.3	6.3
Houlung stream	80.3	9.6	9.7	0.4
Taan stream	98.9	1.1	-	-
Tachia stream	100.0	-	-	-
Wu stream	85.4	9.3	5.3	-
Choshui stream	100.0	-	-	-
Peikang stream	2.6	3.1	51.2	43.1
Potzu stream	32.5	14.7	51.9	0.9
Pachang stream	41.6	21.8	36.6	-
Chishui stream	18.1	12.0	39.8	30.0
Tsengwen stream	64.9	18.9	16.2	-
Yenshui stream	23.1	11.8	31.7	33.4
Erhjen stream	5.5	7.6	43.5	43.4
Akungdiaun stream	-	-	8.8	91.2
Kaoping stream	51.8	16.4	31.1	0.6
Tungkang stream	34.4	17.3	44.7	3.6
Szuchung stream	91.7	8.3	-	-
Peinan stream	100.0	-	-	-
Hsiukuluan stream	67.4	10.0	22.6	-
Hualien stream	80.4	8.8	10.8	-
Hoping stream	91.7	-	8.3	-

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

**Table 74. Environmental**

Year & Noise Items	No. of Monitoring Stations (No. of Stations)	Percentage of Over-standard	
		Total	Control Area I
Traffic Noise Monitoring			
2002	129	3.7	-
2003	122	2.5	-
2004	168	3.0	-
2005	164	1.5	-
2006	164	1.5	-
2007	162	1.5	-
2008	161	1.4	-
2009	166	2.1	-
General Noise Monitoring			
2006	150	13.0	54.7
2007	145	11.7	48.3
2008	153	10.1	46.7
2009	150	6.7	36.8

**Table 75. Clearance of municipal**

Fiscal year	Garbage generated <sup>1</sup> (1 000 tonnes)		Garbage clearance (1 000 tonnes)		Municipal waste recycling rate (%)
		Per capita per day (Kg)		Per capita per day (Kg)	
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	1.04	7 876	0.98	5.8
2001	7 839	0.97	7 255	0.90	7.5
2002	7 602	0.94	6 724	0.83	11.6
2003	7 355	0.90	6 139	0.75	16.5
2004	7 555	0.91	5 863	0.71	22.4
2005	7 775	0.94	5 525	0.67	28.9
2006	7 739	0.90	5 033	0.61	35.0
2007	7 976	0.95	4 873	0.58	38.9
2008	7 608	0.90	4 374	0.52	42.5
2009	7 732	0.92	4 223	0.50	45.4

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

Data do not include Kinmen County and Lienchiang County before 2004.

**noise monitoring (Leq)**

by Control Area (%)			
Control Area II	Control Area III	Control Area IV	
12.5	1.4	-	
8.6	1.0	-	
7.9	0.7	-	
4.7	-	-	
4.6	-	-	
3.9	0.8	-	
3.4	0.8	-	
4.5	1.6	-	
14.6	4.9	1.7	
15.2	3.5	0.9	
11.2	3.9	0.8	
5.2	2.0	-	

**solid waste by all organizations**

Garbage recycling rate	Food waste recycling rate	Bulk waste recycling and reuse rate	Garbage disposal rate (%)	Solid waste collection and treatment personnel (Persons)	Equipment for collection & disposal of solid waste (Vehicles)
...	...	...	65.1	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
5.8	...	...	90.2	31 512	10 862
7.5	...	...	93.4	29 434	11 343
11.6	...	...	96.2	29 526	11 979
14.3	2.3	...	98.2	32 041	11 524
18.4	4.0	...	98.9	31 728	12 382
22.6	6.0	0.4	99.5	32 264	12 638
27.2	7.4	0.4	99.8	32 344	12 952
30.2	8.3	0.4	99.6	32 588	14 233
32.8	9.1	0.6	100.0	32 588	14 794
35.2	9.3	0.9	100.0	33 158	14 666

Table 76. Budget of

Fiscal year & district	Expenditure on environmental protection as % of GDP	Total <sup>1</sup>	Ordinary administration	Comprehensive planning	Research & Development	Air quality protection	Noise control
2001 r	0.47	46 894 616	5 464 912	324 088	49 620	181 914	59 756
2002 r	0.42	43 428 720	6 281 233	247 887	52 435	201 039	63 798
2003 r	0.42	45 406 142	5 778 826	301 284	59 212	297 794	56 166
2004 r	0.39	44 571 107	6 217 207	282 894	82 210	158 303	60 730
2005 r	0.39	46 114 713	6 058 420	622 568	78 112	123 887	79 362
2006 r	0.37	45 382 534	6 401 331	329 025	55 292	119 861	73 627
2007 r	0.34	43 722 985	6 585 951	308 165	78 129	109 383	104 939
2008 r	0.35	45 002 263	6 956 058	336 707	96 248	19 536	74 399
2009 r	0.37	46 714 821	7 043 420	419 165	186 289	12 707	74 883
2010	0.36	48 007 788	7 635 163	394 956	140 282	36 044	63 568
E.P.A.	...	8 256 705	773 534	163 434	67 995	12 358	22 913
Taipei City	...	6 249 784	352 999	-	-	2 206	14 232
Kaohsiung City	...	2 924 485	830 808	3 259	-	-	161
Taipei County	...	9 096 209	1 744 664	29 123	72 287	14 563	2 068
Yilan County	...	510 503	93 561	3 890	-	-	93
Taoyuan County	...	3 313 109	376 126	102 785	-	3 457	6 955
Hsinchu County	...	586 765	134 166	8 707	-	-	201
Miaoli County	...	749 114	83 623	4 917	-	-	4 274
Taichung County	...	2 558 374	271 094	6 436	-	1 454	859
Changhwa County	...	1 142 388	266 705	4 656	-	299	-
Nantou County	...	573 933	58 182	2 804	-	-	14
Yunlin County	...	904 607	127 550	2 454	-	-	177
Chiayi County	...	581 581	133 249	3 698	-	165	905
Tainan County	...	1 419 241	308 812	2 113	-	352	1 410
Kaohsiung County	...	1 979 440	390 296	6 673	-	369	-
Pingtung County	...	1 113 613	185 691	2 902	-	-	535
Taitung County	...	278 910	40 396	-	-	-	-
Hualien County	...	401 008	71 457	3 916	-	-	1 680
Penghu County	...	171 077	31 249	-	-	-	-
Keelung City	...	771 995	468 126	10 483	-	192	1 876
Hsinchu City	...	805 151	299 606	6 811	-	6	851
Taichung City	...	1 708 816	239 628	19 275	-	-	2 400
Chiayi City	...	463 463	124 181	530	-	-	264
Tainan City	...	1 158 334	145 650	2 500	-	623	1 700
Kinmen County	...	248 426	73 672	3 167	-	-	-
Lienchiang County	...	40 757	10 138	423	-	-	-

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

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



**environmental agencies**

Water quality protection	Solid waste management	Sanitation & toxic chemicals control	Performance evaluation & dispute settlement	Environmental monitoring & data processing	Environmental analysis	Construct & equipment	Others
685 778	35 159 241	429 937	764 665	131 050	120 894	3 216 538	306 223
1 412 000	29 758 543	891 813	782 952	378 362	118 388	2 634 479	605 791
1 157 505	32 060 957	731 991	805 230	280 464	131 958	2 845 740	899 015
803 800	31 961 175	729 460	786 189	365 590	131 129	2 710 244	282 176
1 747 512	32 195 166	717 127	773 445	347 350	133 917	2 935 737	302 110
1 760 549	31 161 533	1 746 295	790 023	342 910	141 759	2 102 685	357 644
1 083 466	31 243 910	845 432	786 183	282 972	133 376	1 789 372	371 707
1 269 775	31 027 758	944 655	777 453	319 389	127 566	2 689 923	362 796
1 462 673	31 834 053	1 480 517	800 210	330 646	139 644	2 640 554	290 060
1 395 640	31 835 595	2 202 249	819 958	323 369	125 682	2 700 086	335 196
1 171 501	4 087 869	998 469	588 669	303 561	61 752	-	4 650
3 409	5 297 248	77 381	150 569	13 157	34 368	128 815	175 400
5 377	2 052 206	18 739	9 970	-	3 087	-	878
74 307	5 645 341	792 420	23 254	1 250	3 464	681 468	12 000
4 365	390 577	2 158	6 832	354	410	8 263	-
14 932	1 771 725	18 497	7 171	-	4 783	1 004 500	2 178
3 144	352 986	7 829	-	385	1 900	66 925	10 522
6 858	615 473	22 476	2 812	-	100	8 581	-
3 534	2 174 715	5 037	12 384	-	892	81 969	-
1 863	796 419	-	1 074	-	723	70 649	-
545	474 928	9 796	5 084	2 803	361	19 416	-
5 508	725 717	13 022	-	-	-	30 109	70
11 987	406 687	947	-	-	-	23 943	-
9 490	965 421	16 130	3 158	-	1 061	111 294	-
20 420	1 426 547	51 578	-	-	3 868	79 689	-
25 350	862 935	8 584	5 711	150	753	21 001	1
2 083	222 520	2 043	-	-	-	11 868	-
5 171	294 603	2 843	55	1 009	600	4 370	15 304
2 658	124 219	2 597	-	-	-	10 354	-
7 797	127 154	-	-	-	2 791	43 383	110 193
2 796	460 554	32 200	-	700	1 627	-	-
5 063	1 176 835	-	-	-	1 133	264 482	-
579	269 982	55 038	3 215	-	374	9 300	-
2 931	950 123	47 712	-	-	1 635	1 460	4 000
3 522	137 012	14 036	-	-	-	17 017	-
450	25 799	2 717	-	-	-	1 230	-

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

Year & type of industries	Number of inspections	Number of penalties	Fine paid (NT\$1000)
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
2009	1 528 466	190 404	637 295
Air pollution	1 146 603	64 479	261 686
Construction sources	8 704	1 468	44 700
Other stationary sources	66 718	2 296	121 315
Automobile sources	1 071 181	60 715	95 670
Water pollution	54 575	2 047	181 998
Industrial wastewater [exclude livestock wastewater]	29 636	1 631	159 326
Livestock Wastewater	15 162	336	13 935
Industrial sewerage systems	3 760	43	5 286
Public and community sewerage systems	6 017	37	1 629
Others	-	-	1 821
Solid waste pollution	216 465	122 900	167 304
Municipal solid wastes	132 266	117 009	120 652
Industrial solid wastes	34 033	4 787	36 925
Waste clean-up and disposal organizations	4 711	1 022	6 650
Recycled resources & others	45 455	82	3 077
Noise pollution	53 226	693	3 444
Toxic chemical substances	6 118	102	7 108
Environmental agents	24 735	49	2 587
Drinking water pollution	11 961	36	2 380
Environment impact assessment	964	28	7 375
Soil & groundwater pollution	1 456	21	678
Ocean pollution	3 774	5	2 035
Other pollution	8 589	44	702

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

Table 78. Water withdrawal

Year	Per capita <sup>1</sup> annual withdrawal (M <sup>3</sup> )	Percentage of <sup>2</sup> available resources (%)	Water supply <sup>1</sup> service's ratio (%)
1980	908.3	...	66.8
1981 r	916.1	...	63.9
1982 r	928.5	...	67.4
1983 r	1 019.1	...	69.7
1984 r	969.6	...	71.7
1985 r	958.9	...	73.2
1986 r	949.1	...	74.5
1987 r	943.1	...	75.9
1988 r	933.4	...	77.6
1989 r	950.9	...	78.9
1990 r	963.4	...	80.0
1991 r	862.0	...	80.8
1992 r	861.6	...	81.9
1993 r	818.5	...	83.4
1994 r	834.5	...	84.9
1995 r	889.6	...	85.6
1996 r	845.2	...	85.6
1997 r	833.6	...	87.4
1998 r	773.2	...	88.0
1999 r	766.5	...	88.4
2000	803.3	...	90.5
2001 r	827.4	15.8	90.5
2002 r	832.5	31.4	90.8
2003 r	780.1	26.2	90.9
2004 r	785.5	19.4	91.3
2005	790.1	12.6	91.6
2006	762.9	16.8	91.9
2007	810.6	13.6	92.0
2008	782.0	15.5	92.2
2009	...	...	92.2

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

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

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



## JUSTICE AND PUBLIC SAFETY

This chapter is concerned with information on status and treatment of crimes, traffic accidents, and fire accidents. Data on status of crimes and traffic accidents are obtained from the official statistics contained in the *Statistics Annual Report of Police Affairs, R.O.C.*, an annual report published by the National Police 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.

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

Table 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 (%)	
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
2009	386 075	40.2	1.8	1.5	11.6	1 672.9

**and cleared cases**

Number of offenders (Persons)	Offenders rate (Persons/100 000 pop.)					Cleared cases (Cases)	Clearance rate (%)
	Total	Child	Juvenile	Adolescent	Adult		
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
261 973	1 135.1	15.7	556.4	1 318.3	1 378.7	311 648	80.7

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
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 r	338 063	94 947	51 377	191 739	40 178	23 917	4 990	11 268
2002	340 536	100 361	48 925	191 250	40 721	27 015	3 349	10 357
2003	330 655	100 049	48 373	182 233	34 786	23 939	2 721	8 126
2004	330 320	113 144	50 719	166 457	35 031	23 740	3 322	7 969
2005	328 154	148 501	48 992	130 661	39 374	27 783	3 654	7 937
2006	281 561	144 903	33 739	102 919	39 927	30 769	2 489	6 669
2007	241 091	118 714	31 966	90 411	42 053	34 165	2 258	5 630
2008	209 351	101 630	28 508	79 213	42 364	34 441	2 597	5 326
2009	155 151	77 862	19 697	57 592	35 585	28 816	2 001	4 768



Table 81. Violent crimes

Year	Cases known to the police (Cases)						Number of offenders (Persons)							
	Murder & nonnegligent manslaughter	Serious Injury	Robbery and forceful taking	Kidnaping	Intimidation	Forcible rape	Murder & nonnegligent manslaughter	Serious Injury	Robbery and forceful taking	Kidnaping	Intimidation	Forcible rape		
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
2009	6 764	832	37	3 799	18	5	2 073	6 139	1 437	67	2 486	82	11	2 056

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

Table 82. Juvenile offenders

Year	Juvenile delinquents (Persons)										Juvenile offenders as % of total offenders
	Total	Burglary and larceny	Subtotal	Violent crime						Drug Offenses	
				Murder & nonnegligent manslaughter	Serious Injury	Robbery and forceful taking	Kidnaping	Intimidation	Forcible rape		
1981	11 038	7 201	1 294	448	-	323	7	405	111	198	25.31
1982	9 666	6 488	1 243	381	-	390	13	376	83	149	25.3
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
2009	10 762	3 882	829	173	19	255	8	-	374	843	4.1

**Table 83. Treatment of criminals by the justice**

Year	Suspects under investigation			Offenders receiving trial (Persons)	
	Preliminary investigation concluded (Persons)	The indicted (Persons)	Indictment rate (%)	Offenders convicted	Offenders convicted per 100 000 population
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
2009	518 747	216 540	41.7	190 474	825.3

Table 83. Treatment of criminals

Year	Offenders convicted by length of sentence					
	Death sentence	Life imprisonment	A definite period in prison	A definite period in prison		Penal labor
				Under 6 months	3 years and over	
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
2009	-	76	124 676	79 915	6 163	39 508

## by the justice (continued)

Persons

Fine	Prisonment			
	New inmates	Inmates as of the end of current year	Inmates freed from jails	Inmates paroled from jail
87 365	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
26 139	42 336	55 225	38 362	8 301

**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	
1980	8 373	2 032	142	282	1 400
1981	9 260	1 777	157	270	1 773
1982	9 225	1 959	135	224	2 638
1983	10 025	2 056	130	342	2 236
1984	8 411	1 930	206	369	2 535
1985	7 599	1 492	160	381	2 938
1986	10 306	1 719	221	396	1 930
1987	8 341	1 264	183	337	2 744
1988	7 298	1 373	222	384	2 445
1989	7 464	1 509	316	450	3 615
1990	7 665	1 370	290	396	3 149
1991	7 742	1 680	250	624	3 002
1992	7 389	1 493	323	521	2 194
1993	9 870	1 844	377	706	2 422
1994	10 763	2 222	330	696	2 490
1995	10 916	2 169	294	614	3 778
1996	13 309	2 020	275	782	2 815
1997	15 115	2 278	226	637	2 637
1998	14 555	2 431	306	763	2 883
1999	18 254	3 384	230	643	2 611
2000	15 560	3 026	262	732	2 344
2001	13 750	2 844	234	806	15 563
2002	13 244	2 585	193	664	2 197
2003	8 642	2 197	228	768	2 144
2004	6 611	2 065	160	551	2 089
2005	5 139	1 462	139	532	2 823
2006	4 332	1 489	125	471	1 559
2007	3 392	1 483	120	398	1 292
2008	2 886	1 252	101	304	1 475
2009	2 621	1 238	117	296	762

**Notes :** 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	
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
2009	184 749	87.0	2 092	246 994	1 079.3

**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.





## SOCIAL WELFARE

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

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

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

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

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

Table 86. Insured persons

End of Year	National health insurance	Government employees' and school staffs' insurance	Retired government employees' insurance
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 r	22 803 048	590 808	502
2008	22 918 144	594 798	458
2009	23 025 773	597 983	416

**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
2 538 125	-	-	-
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
9 029 279	5 584 169	1 540 988	761 961

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)
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	22.8	23 620	46 176
1989	5 472 309	27.2	23 850	50 618
1990	6 504 209	32.0	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
2009	47 358 149	204.8	41 747	136 057

Notes : 1.Data do not include Kinmen County and Lienchiang County before 1991.

2.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
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	132 553	93 118	268 451
2008	4 713 251	188 700	84 023	273 655
2009	6 194 538	821 798	98 166	245 764

**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
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
2009	105 265	1.35	256 342	1.11

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)
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 r	1 356	57 997	1 042	38 273	50	2 267	264	17 457
2009	1 393	60 408	1 066	40 183	57	2 307	270	17 918

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

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

**Table 91. General conditions of nursery**

End of Year	Nurseries		Community nurseries	
	Nurseries (Number)	Number of children (Persons)	Nurseries (Number)	Number of children (Persons)
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	4 066	250 723	46	3 483
2008	3 972	235 899	36	2 321
2009	3 852	237 971	35	2 201

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

2.Part of the community nurseries were abolished or merged from 1995.

**Table 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 <sup>1</sup> (1000 N.T.dollars)	As % of total net expenditure	As % of GNP	
1980	38 223 855	11.2	2.8	2 179
1981	16 549 485	3.9	1.0	926
1982	26 883 793	5.5	1.4	1 478
1983	32 518 200	6.6	1.6	1 756
1984	33 911 201	6.7	1.5	1 805
1985	34 279 484	6.3	1.4	1 798
1986	40 591 479	6.6	1.5	2 102
1987	37 085 134	5.8	1.2	1 901
1988	55 169 160	7.6	1.6	2 797
1989	65 488 382	5.4	1.7	3 282
1990	96 207 023	8.8	2.2	4 773
1991	117 771 908	9.2	2.5	5 744
1992	135 040 121	8.6	2.5	6 522
1993	145 758 829	8.3	2.4	6 974
1994	158 523 241	8.7	2.4	7 518
1995	231 765 959	12.1	3.3	10 898
1996	290 002 141	15.7	3.8	13 525
1997	294 982 386	15.7	3.6	13 635
1998	282 766 789	14.2	3.1	12 950
1999	280 452 253	13.7	2.9	12 742
2000	531 808 684	16.9	3.5	16 231
2001	396 980 708	17.5	3.9	17 769
2002	323 614 630	15.1	3.0	14 406
2003 r	346 911 365	15.7	3.1	15 375
2004 r	347 557 298	15.5	3.0	15 347
2005 r	357 762 268	15.6	3.0	15 740
2006 r	370 302 873	16.7	2.9	16 225
2007 r	372 202 180	16.3	2.8	16 241
2008 r	368 136 275	15.7	2.8	16 008
2009	387 446 264	15.7	3.0	16 788

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



## NATIONAL ECONOMICS

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

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

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

The family income and expenditure sampling survey was launched in 1964. Its objects are R.O.C. nationals dwelling in Taiwan area and the families these R.O.C. nationals have organized to live together economically. Interview and bookkeeping are both adopted in the survey. The survey uses the stratified two-stage sampling method to draw out families for interview, some of which are again drawn to do bookkeeping. Data for dynamic changes are based on cumulation for the entire year while static 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, the industrial inter-dependence tables have been compiled for the first time in 1960. The first table for 1954 was built by Professor Hsing Mu-huan. The second table for 1955 was compiled by the Joint Commission on Rural Reconstruction, which has been reorganized to the present Council of Agriculture. Subsequently, the Council for International Economic Cooperation and Development, which has been reorganized to the present Council for Economic Planning and Development, compiled the eight tables for 1961, 1964, 1966, 1969, 1971, 1974, 1976, and 1979. The Directorate-General of Budget, Accounting and Statistics took over the job in 1982, preparing the tables for 1981, 1984, 1986, 1989, 1991, 1994, 1996, 1999, 2001, 2004 and 2006. The industrial inter-dependence table for 2006 is composed of tables for purchasers' trading price, producers' trading prices, input coefficients, impact coefficients, trading of domestic manufactured products, and trading of import products.

**Table 93. Key indicators of national income**

Year	GDP		National income		Per capita					
	Amount (Million US\$)	Economic growth rate (%)	Amount (Million US\$)	Annual rate of increase (%)	GDP		GNP		National income (US\$)	Private consumption (US\$)
					(NT\$)	(US\$)	(NT\$)	(US\$)		
1980	42 221	7.32	38 058	24.30	85 851	2 385	85 732	2 381	2 150	1 241
1981	49 221	6.46	44 261	16.30	100 434	2 730	99 899	2 715	2 455	1 435
1982	49 621	3.97	44 672	0.93	105 758	2 703	105 721	2 702	2 434	1 434
1983	54 122	8.32	48 981	9.65	116 235	2 902	116 409	2 906	2 626	1 486
1984	60 938	9.32	56 011	14.35	127 543	3 219	129 127	3 259	2 959	1 621
1985	63 149	4.07	58 276	4.04	131 158	3 290	133 615	3 352	3 037	1 683
1986	77 781	11.00	73 080	25.40	151 663	4 007	155 628	4 112	3 765	1 891
1987	103 290	10.68	97 004	32.74	167 806	5 265	171 545	5 383	4 945	2 501
1988	121 935	5.57	114 708	18.25	175 837	6 146	180 745	6 318	5 782	3 178
1989	151 580	10.28	142 379	24.12	199 608	7 558	204 632	7 748	7 099	4 020
1990	164 747	6.87	154 573	8.56	218 456	8 124	224 241	8 339	7 622	4 381
1991	184 870	7.88	173 726	12.39	241 822	9 016	248 433	9 263	8 473	4 850
1992	219 974	7.56	204 808	17.89	267 315	10 625	273 147	10 856	9 892	5 814
1993	231 531	6.73	213 931	4.45	292 363	11 079	297 820	11 285	10 236	6 125
1994	252 665	7.59	232 748	8.80	317 049	11 982	322 148	12 175	11 038	6 826
1995	274 728	6.38	251 760	8.17	342 188	12 918	347 404	13 115	11 838	7 383
1996	287 912	5.54	264 373	5.01	368 729	13 428	373 836	13 614	12 330	7 779
1997	298 773	5.48	273 590	3.49	396 355	13 810	400 497	13 955	12 646	8 001
1998	275 080	3.47	249 252	- 8.90	421 519	12 598	424 659	12 692	11 415	7 325
1999	299 010	5.97	270 283	8.44	438 384	13 585	442 497	13 712	12 280	7 977
2000	326 205	5.80	295 219	9.23	459 212	14 704	465 502	14 906	13 307	8 643
2001	293 712	- 1.65	264 092	- 10.54	444 489	13 147	453 084	13 401	11 821	7 980
2002	301 088	5.26	272 389	3.14	463 498	13 404	474 294	13 716	12 126	8 030
2003	310 757	3.67	282 360	3.66	474 069	13 773	488 645	14 197	12 514	8 239
2004	339 973	6.19	307 991	9.08	501 849	15 012	518 280	15 503	13 600	8 993
2005	364 832	4.70	326 928	6.15	516 516	16 051	529 313	16 449	14 383	9 694
2006	376 375	5.44	336 050	2.79	536 442	16 491	550 099	16 911	14 724	9 763
2007	393 134	5.98	350 215	4.22	563 349	17 154	577 869	17 596	15 282	9 974
2008	402 616	0.73	352 171	0.56	552 164	17 507	565 846	17 941	15 313	10 514
2009	378 952	- 1.91	333 490	- 5.30	542 280	16 423	560 384	16 969	14 453	9 985

Table 94. Expenditure on the

Items	1993	1994	1995	1996	1997	1998	1999
							<b>At current</b>
Private final consumption expenditure	3 377 895	3 808 328	4 159 170	4 580 397	4 967 841	5 351 560	5 665 865
Government final consumption expenditure	971 912	996 635	1 064 946	1 172 303	1 279 905	1 364 414	1 331 713
Gross fixed capital formation	1 603 611	1 720 633	1 897 737	1 884 088	2 065 382	2 302 142	2 351 957
Increase in stocks	62 901	54 508	44 508	10 578	85 102	90 373	57 197
Exports of goods and services	2 639 494	2 864 207	3 421 518	3 700 076	4 086 505	4 359 751	4 562 172
Less : imports of goods and services	2 545 712	2 758 806	3 310 334	3 441 367	3 909 951	4 264 066	4 319 855
Expenditure on the gross domestic product	6 110 101	6 685 505	7 277 545	7 906 075	8 574 784	9 204 174	9 649 049
							<b>At 2006</b>
Private final consumption expenditure	3 991 163	4 339 872	4 595 891	4 913 456	5 255 821	5 587 276	5 870 777
Government final consumption expenditure	1 213 030	1 207 855	1 258 650	1 349 166	1 426 928	1 478 508	1 420 257
Gross fixed capital formation	1 867 477	2 040 093	2 181 805	2 208 274	2 397 302	2 572 641	2 622 123
Increase in stocks	92 225	72 014	53 137	19 702	106 306	114 666	74 486
Exports of goods and services	2 862 829	3 021 069	3 407 835	3 645 218	3 957 487	4 031 728	4 526 272
Less : imports of goods and services	3 442 165	3 596 499	3 961 035	4 182 306	4 754 827	5 105 004	5 315 817
Expenditure on the gross domestic product	6 584 559	7 084 404	7 536 283	7 953 510	8 389 017	8 679 815	9 198 098

Table 95. Gross

Items	1993	1994	1995	1996	1997	1998	1999
							<b>At current</b>
Compensation of employees	3 133 672	3 419 941	3 711 990	3 994 101	4 277 342	4 488 409	4 653 349
Operating surplus	1 795 151	1 976 350	2 149 591	2 487 404	2 779 245	3 086 040	3 307 601
Consumption of fixed capital	578 499	634 503	719 330	755 894	812 352	932 761	1 017 538
Net indirect taxes	602 779	654 711	696 634	668 676	705 845	696 964	670 561
Gross domestic product	6 110 101	6 685 505	7 277 545	7 906 075	8 574 784	9 204 174	9 649 049
							<b>At 2006</b>
Domestic factor income	5 339 242	5 749 638	6 114 065	6 485 974	6 818 579	7 027 640	7 460 654
Consumption of fixed capital	620 273	682 175	750 044	819 779	895 314	988 116	1 085 010
Net indirect taxes	625 044	652 591	672 174	647 757	675 124	664 059	652 434
Gross domestic product	6 584 559	7 084 404	7 536 283	7 953 510	8 389 017	8 679 815	9 198 098

**gross domestic product**

Million NT\$

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>prices</b>									
5 987 733	6 027 593	6 237 569	6 398 604	6 808 382	7 090 739	7 248 344	7 506 467	7 626 271	7 610 863
1 362 909	1 391 434	1 412 451	1 416 425	1 444 872	1 463 234	1 469 296	1 521 102	1 564 394	1 608 957
2 524 443	2 033 527	2 057 650	2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 685 662	2 341 610
91 197	- 63 208	- 43 864	12 304	100 180	32 404	46 283	14 456	193 546	- 164 311
5 392 441	4 962 159	5 436 642	5 935 611	6 980 987	7 341 705	8 325 717	9 304 061	9 226 468	7 826 618
5 171 329	4 421 118	4 688 809	5 183 969	6 562 038	6 823 254	7 576 839	8 276 928	8 597 840	6 711 059
10 187 394	9 930 387	10 411 639	10 696 257	11 365 292	11 740 279	12 243 471	12 910 511	12 698 501	12 512 678
<b>constant prices</b>									
6 149 541	6 210 017	6 412 727	6 599 393	6 940 690	7 141 820	7 248 344	7 399 430	7 357 070	7 457 944
1 437 459	1 464 181	1 486 823	1 468 602	1 477 006	1 479 824	1 469 296	1 499 966	1 510 131	1 565 249
2 812 736	2 309 094	2 334 948	2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 439 027	2 169 360
107 491	- 80 627	- 59 812	12 679	104 189	34 223	46 283	12 867	151 821	- 164 825
5 355 033	4 894 600	5 450 907	6 008 285	6 933 851	7 473 089	8 325 717	9 120 880	9 172 143	8 336 898
6 131 052	5 226 681	5 551 256	5 977 448	7 023 317	7 245 563	7 576 839	7 802 958	7 559 288	6 543 242
9 731 208	9 570 584	10 074 337	10 443 993	11 090 474	11 612 093	12 243 471	12 975 985	13 070 904	12 821 384

**domestic product**

Million NT\$

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>prices</b>									
4 893 571	4 799 050	4 791 056	4 957 883	5 199 412	5 436 252	5 698 931	5 850 552	5 902 729	} 9 971 899
3 524 718	3 332 529	3 732 016	3 795 001	4 027 679	4 074 295	4 204 829	4 598 765	4 211 515	
1 107 254	1 193 448	1 234 946	1 306 307	1 441 236	1 510 609	1 623 473	1 742 202	1 905 667	1 919 607
661 851	605 360	653 621	637 066	696 965	719 123	716 238	718 992	678 590	621 172
10 187 394	9 930 387	10 411 639	10 696 257	11 365 292	11 740 279	12 243 471	12 910 511	12 698 501	12 512 678
<b>constant prices</b>									
7 896 347	7 696 095	8 099 179	8 422 765	8 918 815	9 340 214	9 903 760	10 572 374	10 665 041	10 455 614
1 192 937	1 285 467	1 337 703	1 391 470	1 463 309	1 550 585	1 623 473	1 692 330	1 751 559	1 765 696
641 924	589 022	637 455	629 758	708 350	721 294	716 238	711 281	654 304	600 074
9 731 208	9 570 584	10 074 337	10 443 993	11 090 474	11 612 093	12 243 471	12 975 985	13 070 904	12 821 384

**Table 96. Gross domestic product**

Items	1995	1996	1997	1998	1999	2000
Agriculture, forestry, fishing and animal husbandry	243 467	242 266	210 710	219 118	236 720	205 434
Mining and quarrying	53 043	47 962	59 565	71 041	65 139	51 487
Manufacturing	1 815 706	1 958 249	2 117 262	2 250 021	2 308 308	2 508 213
Electricity and gas supply	153 663	164 428	170 061	179 425	181 951	181 715
Water supply and remediation services	42 344	43 803	45 368	46 702	47 700	47 789
Construction	355 572	355 114	371 868	367 425	344 507	317 766
Wholesale and retail trade	1 061 383	1 185 344	1 313 014	1 453 951	1 585 784	1 745 878
Transportation and storage	314 508	343 818	372 411	400 114	423 478	413 114
Accommodation and food services	123 929	141 176	159 123	175 487	188 644	205 669
Information and communication	188 186	208 257	235 568	287 969	320 276	374 417
Finance and insurance	559 556	611 164	742 666	770 819	836 693	846 016
Real estate	661 245	729 163	761 492	809 867	831 813	875 432
Professional, scientific and technical services	117 643	133 635	146 270	159 263	169 219	177 162
Support services	45 542	51 750	61 358	69 199	79 919	87 909
Public administration and defence	610 215	662 264	696 826	733 567	768 845	804 451
Education	262 422	297 934	331 838	362 493	391 385	415 867
Human health and social work services	151 545	172 244	192 669	219 145	239 725	259 327
Arts, entertainment and recreation	56 431	62 600	67 620	75 593	79 133	82 415
Other services	161 158	188 765	199 679	232 187	236 307	257 069
Subtotal	6 977 558	7 599 936	8 255 368	8 883 386	9 335 546	9 857 130
Plus : Import duties	172 007	150 456	158 030	153 416	139 348	146 443
Plus : Value-added tax	152 802	155 683	164 897	170 554	173 642	178 160
Gross domestic product	7 277 545	7 906 075	8 574 784	9 204 174	9 649 049	10 187 394

Notes : Statistical discrepancy is not included.

**Table 97. National**

Items	1995	1996	1997	1998	1999	2000
1. Compensation of employees	3 711 990	3 994 101	4 277 342	4 488 409	4 653 349	4 893 571
2. Operating surplus	2 149 591	2 487 404	2 779 245	3 086 040	3 307 601	3 524 718
Domestic factor income	5 861 581	6 481 505	7 056 587	7 574 449	7 960 950	8 418 289
3. Compensation of employees from the rest of the world, net	- 3 019	- 4 668	- 5 568	- 12 546	- 12 747	- 14 681
4. Property and entrepreneurial income from the rest of the world, net	113 938	114 170	95 179	81 097	103 265	154 239
5. Net indirect taxes	696 634	668 676	705 845	696 964	670 561	661 851
National income in market prices	807 553	778 178	795 456	765 515	761 079	801 409
6. Other current transfers from the rest of the world, net	- 77 125	- 68 288	- 63 404	- 51 088	- 74 770	- 81 336
National disposable income	6 592 009	7 191 395	7 788 639	8 288 876	8 647 259	9 138 362

**by kind of industry**

Million NT\$

2001	2002	2003	2004	2005	2006	2007	2008	2009
188 593	188 436	183 581	190 733	195 833	197 589	191 621	201 950	195 008
48 110	52 099	43 610	47 946	44 718	39 444	58 627	45 912	58 236
2 306 353	2 595 812	2 801 855	3 047 086	3 120 118	3 239 070	3 405 858	3 162 151	3 097 700
183 154	189 020	188 087	161 630	155 864	147 526	124 719	47 745	181 312
48 877	53 536	59 115	64 443	70 773	77 454	83 858	82 898	83 535
267 667	261 516	253 520	288 093	284 824	332 438	357 606	363 274	319 655
1 699 937	1 744 101	1 785 113	1 941 499	2 073 677	2 188 716	2 340 289	2 380 000	2 322 025
412 398	421 717	408 507	426 864	413 665	394 318	411 981	399 058	390 309
206 706	207 752	204 743	215 478	229 558	234 114	244 824	248 326	247 929
393 845	394 088	403 079	408 597	410 648	415 443	442 440	458 783	462 657
816 794	832 267	807 274	859 478	900 684	891 545	931 976	915 966	797 220
884 928	855 445	892 972	926 654	960 160	1 045 155	1 095 719	1 109 921	1 141 580
179 288	187 658	198 997	210 604	223 568	253 492	273 134	277 672	281 766
99 367	108 384	110 997	124 391	139 089	159 842	173 759	186 934	181 623
810 088	808 341	847 589	872 697	892 873	909 713	913 320	949 531	952 704
457 411	488 249	530 562	532 317	547 315	572 723	599 751	603 216	615 168
277 393	293 560	298 677	308 905	325 532	347 436	364 258	380 645	398 229
87 612	90 203	92 523	93 482	95 436	101 238	106 755	112 590	120 448
275 519	292 628	295 116	306 932	325 699	345 561	361 953	377 167	386 347
9 644 040	10 064 812	10 405 917	11 027 829	11 410 034	11 892 817	12 482 448	12 303 739	12 233 451
119 100	126 370	128 710	126 147	135 383	135 686	138 047	132 565	117 194
167 247	182 762	188 680	213 086	215 892	214 968	222 720	221 321	206 237
9 930 387	10 411 639	10 696 257	11 365 292	11 740 279	12 243 471	12 910 511	12 698 501	12 512 678

**disposable income**

Million NT\$

2001	2002	2003	2004	2005	2006	2007	2008	2009
4 799 050	4 791 056	4 957 883	5 199 412	5 436 252	5 698 931	5 850 552	5 902 729	9 971 899
3 332 529	3 732 016	3 795 001	4 027 679	4 074 295	4 204 829	4 598 765	4 211 515	
8 131 579	8 523 072	8 752 884	9 227 091	9 510 547	9 903 760	10 449 317	10 114 244	9 971 899
- 12 680	- 10 857	- 12 390	- 9 660	- 7 433	- 3 611	- 427	- 600	1 772
204 704	253 359	341 263	381 759	298 299	315 310	333 193	315 246	415 951
605 360	653 621	637 066	696 965	719 123	716 238	718 992	678 590	621 172
797 384	896 123	965 939	1 069 064	1 009 989	1 027 937	1 051 758	993 236	1 038 895
- 92 444	- 86 171	- 93 586	- 127 855	- 137 211	- 128 018	- 125 033	- 93 940	- 75 016
8 836 519	9 333 024	9 625 237	10 168 300	10 383 325	10 803 679	11 376 042	11 013 540	10 935 778

**Table 98. Capital**

Items	1993	1994	1995	1996	1997	1998
Saving	1 273 832	1 312 550	1 367 893	1 438 695	1 540 893	1 572 902
Consumption of fixed capital	578 499	634 503	719 330	755 894	812 352	932 761
Capital transfers from the rest of the world, net	- 8 655	- 9 101	- 17 215	- 17 930	- 9 013	- 6 056
Finance of gross accumulation	1 843 676	1 937 952	2 070 008	2 176 659	2 344 232	2 499 607
Increase in stocks	62 901	54 508	44 508	10 578	85 102	90 373
Gross fixed capital formation	1 603 611	1 720 633	1 897 737	1 884 088	2 065 382	2 302 142
Purchases of intangible assests n.e.c. from the rest of the world, net	-	-	-	-	-	-
Net lending to the rest of the world	177 164	162 811	127 763	281 993	193 748	107 092
Gross accumulation	1 843 676	1 937 952	2 070 008	2 176 659	2 344 232	2 499 607

**Table 99. External**

Items	1994	1995	1996	1997	1998	1999
Exports of goods and services	2 864 207	3 421 518	3 700 076	4 086 505	4 359 751	4 562 172
Compensation of employees from the rest of the world	3 122	3 761	4 695	7 549	7 829	9 197
Property and entrepreneurial income from the rest of the world	185 377	211 271	177 983	191 047	208 999	215 564
Other current transfers from the rest of the world	57 357	61 233	68 590	83 182	98 461	100 876
Current receipts	3 110 063	3 697 783	3 951 344	4 368 283	4 675 040	4 887 809
Imports of goods and services	2 758 806	3 310 334	3 441 367	3 909 951	4 264 066	4 319 855
Compensation of employees to the rest of the world	5 080	6 780	9 363	13 117	20 375	21 944
Property and entrepreneurial income to the rest of the world	75 902	97 333	63 813	95 868	127 902	112 299
Other current transfers to the rest of the world	98 363	138 358	136 878	146 586	149 549	175 646
Surplus of the nation on current transaction	171 912	144 978	299 923	202 761	113 148	258 065
Disposal of current receipts	3 110 063	3 697 783	3 951 344	4 368 283	4 675 040	4 887 809



**finance**

Million NT\$

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
1 649 681	1 787 720	1 417 492	1 683 004	1 810 208	1 915 046	1 829 352	2 086 039	2 348 473	1 822 875
1 017 538	1 107 254	1 193 448	1 234 946	1 306 307	1 441 236	1 510 609	1 623 473	1 742 202	1 905 667
- 5 583	- 8 964	- 4 125	- 3 320	- 2 375	- 2 507	- 2 285	- 1 789	- 2 332	- 2 018
2 661 636	2 886 010	2 606 815	2 914 630	3 114 140	3 353 775	3 337 676	3 707 723	4 088 343	3 726 524
57 197	91 197	- 63 208	- 43 864	12 304	100 180	32 404	46 283	14 456	193 546
2 351 957	2 524 443	2 033 527	2 057 650	2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 685 662
-	-	1 386	1 487	620	67	1 480	2 050	821	8 514
252 482	270 370	635 110	899 357	983 934	660 619	668 341	928 720	1 231 713	838 802
2 661 636	2 886 010	2 606 815	2 914 630	3 114 140	3 353 775	3 337 676	3 707 723	4 088 343	3 726 524

**transactions**

Million NT\$

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
5 392 441	4 962 159	5 436 642	5 935 611	6 980 987	7 341 705	8 325 717	9 304 061	9 226 468	7 826 618
8 558	8 115	7 677	7 435	7 755	8 560	9 597	11 495	11 478	12 443
277 742	307 259	349 662	439 702	509 847	551 162	619 526	760 316	722 539	659 459
100 015	88 151	90 631	92 002	105 960	111 436	124 829	149 731	164 292	156 782
5 778 756	5 365 684	5 884 612	6 474 750	7 604 549	8 012 863	9 079 669	10 225 603	10 124 777	8 655 302
5 171 329	4 421 118	4 688 809	5 183 969	6 562 038	6 823 254	7 576 839	8 276 928	8 597 840	6 711 059
23 239	20 795	18 534	19 825	17 415	15 993	13 208	11 922	12 078	10 671
123 503	102 555	96 303	98 439	128 088	252 863	304 216	427 123	407 293	243 508
181 351	180 595	176 802	185 588	233 815	248 647	252 847	274 764	258 232	231 798
279 334	640 621	904 164	986 929	663 193	672 106	932 559	1 234 866	849 334	1 458 266
5 778 756	5 365 684	5 884 612	6 474 750	7 604 549	8 012 863	9 079 669	10 225 603	10 124 777	8 655 302

**Table 100. Government final**

Items	1999	2000	2001	2002
By function				
1. General public services	197 124	200 875	202 048	208 695
2. Defence	242 760	244 709	257 236	248 708
3. Public order and safety	111 810	113 810	128 032	134 956
4. Economic affairs	178 133	173 934	171 716	189 023
5. Environmental protection	37 369	40 865	37 577	38 040
6. Housing and community amenities	9 189	7 005	13 687	12 450
7. Health	26 969	24 919	22 922	25 489
8. Recreation, culture, and religion	20 535	20 729	21 547	23 556
9. Education	281 013	302 014	307 918	318 934
10. Social protection	226 811	234 049	228 751	212 600
Government final consumption expenditure	1 331 713	1 362 909	1 391 434	1 412 451

**Table 101. Composition of private final**

Items	1993	1994	1995	1996	1997	1998
Individual consumption expenditure of households	3 347 680	3 745 597	4 106 772	4 518 202	4 910 082	5 247 202
1. Food and non-alcoholic beverages	441 000	491 106	528 921	568 169	585 836	640 681
2. Alcoholic beverages and tobacco	88 540	93 554	99 300	106 845	122 033	126 032
3. Clothing and footwear	184 820	201 743	227 105	249 685	270 728	276 118
4. Housing, water, electricity, gas and other fuels	689 009	784 218	873 034	960 431	1 007 868	1 062 935
5. Furnishings, household equipment and routine household maintenance	137 918	156 765	180 057	206 471	223 098	242 623
6. Health	223 086	249 587	297 442	337 254	373 197	409 417
7. Transport	511 408	549 962	580 066	582 674	619 389	642 596
8. Communication	94 624	103 744	112 465	123 700	132 241	159 915
9. Recreation and culture	228 894	254 047	287 422	321 246	360 314	391 354
10. Education	175 303	190 904	205 668	225 661	242 352	257 584
11. Restaurants and hotels	188 654	209 170	235 324	267 997	303 655	332 297
12. Miscellaneous goods and services	384 424	460 797	479 968	568 069	669 371	705 650
Individual consumption expenditure of NPISHs	30 215	62 731	52 398	62 195	57 759	104 358
Private final consumption expenditure	3 377 895	3 808 328	4 159 170	4 580 397	4 967 841	5 351 560
Durable goods	392 978	435 286	451 896	459 246	504 962	561 693
Semi-durable goods	451 484	487 180	523 654	566 302	606 870	604 104
Non-durable goods	850 254	927 900	1 005 630	1 093 663	1 160 126	1 256 412
Services	1 683 179	1 957 962	2 177 990	2 461 186	2 695 883	2 929 351

**consumption expenditure**

Million NT\$

2003	2004	2005	2006	2007	2008
185 531	187 548	191 459	176 125	176 621	181 179
237 391	267 832	253 719	238 693	249 369	263 775
135 941	139 316	146 674	152 601	154 127	159 030
200 957	197 870	205 259	216 183	235 585	255 145
40 533	41 218	36 488	43 201	44 483	45 123
8 324	19 895	21 993	18 404	23 025	18 561
26 762	27 607	29 224	29 784	28 861	29 487
23 520	22 710	23 311	26 402	23 962	28 146
323 799	330 175	340 996	352 628	367 090	375 090
233 667	210 701	214 111	215 275	217 979	208 858
1 416 425	1 444 872	1 463 234	1 469 296	1 521 102	1 564 394

**consumption expenditure**

Million NT\$

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
5 601 026	5 908 748	5 945 455	6 147 077	6 317 280	6 720 308	6 995 353	7 150 211	7 412 196	7 518 777
674 212	699 434	704 838	723 129	753 775	798 436	862 890	885 394	914 990	969 407
127 270	127 078	125 081	137 907	157 605	159 243	158 387	170 549	168 756	167 646
287 227	296 210	296 846	306 597	297 555	327 151	326 751	319 693	334 655	340 637
1 106 676	1 140 211	1 160 623	1 161 230	1 171 590	1 189 115	1 220 528	1 255 282	1 295 604	1 330 034
251 301	263 790	261 261	276 518	288 625	311 984	329 554	345 285	361 286	366 059
445 716	468 162	490 076	525 273	552 375	594 186	626 961	645 441	679 179	708 618
622 392	662 742	641 656	655 799	677 780	756 739	828 346	796 453	814 095	804 621
209 736	235 650	239 571	259 604	272 101	286 865	299 903	301 605	301 655	299 012
436 590	483 260	486 474	511 835	508 915	577 680	604 447	641 860	681 345	702 224
274 687	293 520	311 297	324 417	328 827	334 943	339 225	342 740	346 349	348 588
354 323	383 954	385 449	385 582	387 281	399 668	426 487	447 571	466 199	476 051
810 896	854 737	842 283	879 186	920 851	984 298	971 874	998 338	1 048 083	1 005 880
64 839	78 985	82 138	90 492	81 324	88 074	95 386	98 133	94 271	107 494
5 665 865	5 987 733	6 027 593	6 237 569	6 398 604	6 808 382	7 090 739	7 248 344	7 506 467	7 626 271
616 225	645 227	655 731	700 243	722 415	797 103	856 956	801 505	815 299	790 231
634 424	664 346	661 275	686 535	683 683	740 208	756 073	765 457	793 133	807 278
1 312 827	1 386 032	1 397 785	1 436 474	1 520 986	1 620 053	1 723 985	1 806 753	1 868 466	1 944 398
3 102 389	3 292 128	3 312 802	3 414 317	3 471 520	3 651 018	3 753 725	3 874 629	4 029 569	4 084 364

Table 102. Gross capital

Items	1994	1995	1996	1997	1998
					<b>At current</b>
<b>A. By type of capital goods</b>					
a. Gross fixed capital formation	1 720 633	1 897 737	1 884 088	2 065 382	2 302 142
1. Residential building	206 357	216 708	202 416	213 343	226 156
2. Non-residential building	318 043	351 315	335 686	354 167	376 954
3. Other construction except land improvement	410 890	422 465	416 793	421 266	441 060
4. Land improvement and plantation and orchard development	12 295	10 097	16 168	20 199	20 574
5. Transport equipment	134 454	142 447	123 047	157 852	187 839
6. Machinery and equipment	593 099	700 663	732 807	834 379	960 826
7. Breeding stock, draught animals, dairy cattle and the like	3 771	3 782	4 039	1 011	365
8. Intangible fixed assets	41 724	50 260	53 132	63 165	88 368
b. Increase in stocks	54 508	44 508	10 578	85 102	90 373
Gross capital formation	1 775 141	1 942 245	1 894 666	2 150 484	2 392 515
<b>B. By kind of activity</b>					
a. Gross fixed capital formation	1 720 633	1 897 737	1 884 088	2 065 382	2 302 142
1. Agriculture, forestry, fishing and animal husbandry	24 001	24 182	27 543	26 639	22 668
2. Mining and quarrying	5 214	4 663	4 344	3 907	4 371
3. Manufacturing	472 926	536 047	546 722	654 573	713 177
4. Electricity and gas supply	90 841	105 796	106 945	116 351	137 974
5. Water supply and remediation services	15 989	19 265	12 215	11 093	12 465
6. Construction	22 449	22 501	19 443	20 739	24 307
7. Wholesale and retail trade	97 132	111 255	112 369	119 004	132 942
8. Transportation and storage	89 681	91 534	80 097	113 690	132 335
9. Accommodation and food services	13 656	15 896	16 189	18 252	19 357
10. Information and communication	54 696	55 230	65 531	65 561	123 704
11. Finance and insurance	42 481	60 057	65 047	69 790	101 827
12. Real estate	223 138	234 265	217 922	230 903	242 712
13. Professional, scientific and technical services	9 855	11 533	12 412	12 890	14 274
14. Support services	13 311	17 501	19 046	20 589	24 616
15. Public administration and defence	413 692	442 027	440 174	445 797	455 748
16. Education	78 827	82 233	71 951	68 075	69 934
17. Human health and social work services	23 066	30 578	33 830	32 076	36 157
18. Arts, entertainment and recreation	20 211	22 850	22 013	23 533	21 665
19. Other services	9 467	10 324	10 295	11 920	11 909
b. Increase in stocks	54 508	44 508	10 578	85 102	90 373
Gross capital formation	1 775 141	1 942 245	1 894 666	2 150 484	2 392 515
<b>C. By type of owner</b>					
a. Gross fixed capital formation	1 720 633	1 897 737	1 884 088	2 065 382	2 302 142
1. Private enterprises	1 015 414	1 161 720	1 173 916	1 366 777	1 579 006
2. Public enterprises	228 640	235 829	218 497	205 951	223 538
3. General government	476 579	500 188	491 675	492 654	499 598
b. Increase in stocks	54 508	44 508	10 578	85 102	90 373
1. Private enterprises	45 978	39 718	8 051	78 542	113 080
2. Public enterprises	8 530	4 790	2 527	6 560	- 22 707
Gross capital formation	1 775 141	1 942 245	1 894 666	2 150 484	2 392 515

## formation

Million NT\$

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>prices</b>									
2 351 957	2 524 443	2 033 527	2 057 650	2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 685 662
200 013	188 428	160 295	181 625	175 308	215 153	212 351	235 691	256 786	254 189
359 975	357 609	331 146	367 247	373 076	454 268	468 017	537 388	565 218	557 835
447 601	428 051	362 295	356 666	346 010	377 308	401 290	391 760	396 925	428 906
23 853	24 992	30 487	21 483	27 661	25 622	25 530	29 683	29 675	39 832
139 522	152 216	156 725	129 232	123 514	152 282	201 728	147 079	150 785	107 789
1 062 696	1 233 259	854 403	853 519	918 478	1 197 071	1 156 912	1 223 670	1 275 461	1 112 100
3 929	2 251	562	941	2 073	1 816	1 771	1 484	492	1 009
114 368	137 637	137 614	146 937	151 162	169 389	167 852	163 915	166 011	184 002
57 197	91 197	- 63 208	- 43 864	12 304	100 180	32 404	46 283	14 456	193 546
2 409 154	2 615 640	1 970 319	2 013 786	2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 879 208
2 351 957	2 524 443	2 033 527	2 057 650	2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 685 662
26 510	16 054	17 867	16 089	16 661	13 088	16 990	13 640	8 516	10 597
4 226	3 907	2 965	2 512	2 616	1 907	2 330	2 348	2 700	2 502
773 342	1 012 017	684 688	699 627	756 276	1 093 562	1 090 852	1 210 774	1 304 486	1 098 109
155 471	139 959	129 650	122 635	128 361	122 745	141 010	144 194	148 780	161 322
14 711	12 397	12 176	14 158	13 309	10 847	12 598	14 080	15 141	17 450
23 534	24 573	20 328	21 228	19 854	21 924	23 326	24 465	26 634	27 854
125 640	129 545	112 601	121 881	134 725	168 005	180 692	193 688	201 678	223 997
103 186	108 397	115 599	134 991	151 853	193 383	201 425	140 301	131 324	71 740
20 386	21 552	18 541	18 619	19 725	21 609	23 218	26 203	28 258	31 301
130 552	137 878	121 261	113 447	90 694	91 386	70 533	71 896	71 026	88 515
115 655	94 123	88 001	89 577	85 573	97 266	96 216	97 696	80 031	85 395
215 496	201 694	171 625	198 689	191 936	233 617	230 969	254 823	279 219	276 991
11 227	8 485	9 228	11 191	17 097	20 598	18 997	19 613	20 682	25 852
21 256	23 876	16 666	16 460	15 453	17 056	22 923	25 494	28 432	20 715
467 849	449 418	411 041	362 262	350 706	356 351	372 367	347 200	353 421	398 717
69 534	65 416	44 956	46 976	51 000	54 036	54 739	60 430	60 745	62 578
38 632	35 646	26 674	33 373	38 524	43 788	48 351	57 257	52 039	52 101
21 199	23 280	9 168	17 339	16 780	15 110	13 336	11 390	12 198	14 343
13 551	16 226	20 492	16 596	16 139	16 631	14 579	15 178	16 043	15 583
57 197	91 197	- 63 208	- 43 864	12 304	100 180	32 404	46 283	14 456	193 546
2 409 154	2 615 640	1 970 319	2 013 786	2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 879 208
2 351 957	2 524 443	2 033 527	2 057 650	2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 685 662
1 587 639	1 799 432	1 354 465	1 437 636	1 504 363	2 012 959	2 021 011	2 151 566	2 242 734	2 031 335
248 402	236 472	237 910	230 141	223 030	185 233	208 435	194 176	202 505	208 714
515 916	488 539	441 152	389 873	389 889	394 717	406 005	384 928	396 114	445 613
57 197	91 197	- 63 208	- 43 864	12 304	100 180	32 404	46 283	14 456	193 546
38 371	85 683	- 50 775	- 50 498	21 450	94 503	23 153	16 115	- 3 077	197 026
18 826	5 514	- 12 433	6 634	- 9 146	5 677	9 251	30 168	17 533	- 3 480
2 409 154	2 615 640	1 970 319	2 013 786	2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 879 208

Table 102. Gross capital

Items	1994	1995	1996	1997	1998
					<b>At 2006</b>
A. By type of capital goods					
a. Gross fixed capital formation	2 040 093	2 181 805	2 208 274	2 397 302	2 572 641
1. Residential building	279 762	290 672	273 318	282 038	291 919
2. Non-residential building	434 165	474 684	456 563	470 686	488 296
3. Other construction except land improvement	571 455	581 956	577 101	568 178	578 300
4. Land improvement and plantation and orchard development	17 092	13 909	22 373	27 235	26 997
5. Transport equipment	158 526	161 836	142 861	183 671	207 868
6. Machinery and equipment	534 114	606 662	680 859	803 284	891 865
7. Breeding stock, draught animals, dairy cattle and the like	3 396	3 275	3 753	973	339
8. Intangible fixed assets	41 583	48 811	51 446	61 237	87 057
b. Increase in stocks	72 014	53 137	19 702	106 306	114 666
Gross capital formation	2 112 107	2 234 942	2 227 976	2 503 608	2 687 307
B. By kind of activity					
a. Gross fixed capital formation	2 040 093	2 181 805	2 208 274	2 397 302	2 572 641
1. Agriculture, forestry, fishing and animal husbandry	28 902	28 448	32 812	32 348	26 911
2. Mining and quarrying	5 526	4 797	4 579	4 148	4 430
3. Manufacturing	495 823	536 995	561 806	678 878	719 388
4. Electricity and gas supply	84 908	95 025	104 494	122 115	140 956
5. Water supply and remediation services	15 108	17 461	11 957	11 326	12 167
6. Construction	23 767	23 447	21 187	22 605	24 921
7. Wholesale and retail trade	111 508	123 060	127 882	135 760	146 873
8. Transportation and storage	105 759	102 494	94 049	132 165	146 606
9. Accommodation and food services	15 694	17 447	18 676	21 058	21 020
10. Information and communication	62 370	61 960	74 011	74 355	133 197
11. Finance and insurance	49 861	70 729	77 990	80 135	107 402
12. Real estate	301 056	312 500	292 705	303 772	311 657
13. Professional, scientific and technical services	10 714	12 356	13 608	14 175	15 593
14. Support services	14 495	18 646	20 927	22 732	26 112
15. Public administration and defence	553 798	582 246	585 638	579 201	573 467
16. Education	97 264	101 002	88 967	82 576	82 727
17. Human health and social work services	27 815	34 355	38 611	37 602	40 839
18. Arts, entertainment and recreation	24 253	26 576	26 543	28 262	25 033
19. Other services	11 472	12 261	11 832	14 089	13 342
b. Increase in stocks	72 014	53 137	19 702	106 306	114 666
Gross capital formation	2 112 107	2 234 942	2 227 976	2 503 608	2 687 307
C. By type of owner					
a. Gross fixed capital formation	2 040 093	2 181 805	2 208 274	2 397 302	2 572 641
1. Private enterprises	1 174 103	1 295 007	1 331 498	1 540 606	1 718 383
2. Public enterprises	233 684	232 491	227 277	220 120	228 302
3. General government	632 306	654 307	649 499	636 576	625 956
b. Increase in stocks	72 014	53 137	19 702	106 306	114 666
1. Private enterprises	62 595	48 526	16 949	98 694	141 238
2. Public enterprises	9 419	4 611	2 753	7 612	- 26 572
Gross capital formation	2 112 107	2 234 942	2 227 976	2 503 608	2 687 307

## formation (continued)

Million NT\$

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>constant prices</b>									
2 622 123	2 812 736	2 309 094	2 334 948	2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 439 027
259 580	245 813	211 203	234 327	216 111	232 348	227 772	235 691	244 532	225 571
468 897	468 034	437 386	474 375	460 220	490 835	502 426	537 388	535 363	488 583
589 305	565 322	481 391	462 391	427 440	408 398	431 974	391 760	368 811	354 829
31 409	33 020	40 480	27 834	34 167	27 741	27 491	29 683	27 346	32 279
155 521	167 757	162 774	135 054	127 195	153 651	203 967	147 079	150 816	108 318
1 002 184	1 198 520	845 924	859 313	914 915	1 172 005	1 164 104	1 223 670	1 254 912	1 048 799
3 705	2 188	556	947	2 065	1 778	1 782	1 484	484	952
111 522	132 082	129 380	140 707	150 369	171 299	169 184	163 915	163 536	179 696
74 486	107 491	- 80 627	- 59 812	12 679	104 189	34 223	46 283	12 867	151 821
2 696 609	2 920 227	2 228 467	2 275 136	2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 590 848
2 622 123	2 812 736	2 309 094	2 334 948	2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 439 027
31 114	18 826	22 021	19 104	19 060	13 602	17 659	13 640	8 185	9 621
4 395	4 023	3 058	2 619	2 792	1 950	2 378	2 348	2 630	2 317
787 048	1 045 491	733 647	746 778	789 080	1 095 378	1 114 603	1 210 774	1 271 904	1 017 977
153 285	141 475	132 800	125 893	129 780	121 062	142 660	144 194	145 359	149 175
14 801	12 476	12 479	14 586	13 654	10 799	12 811	14 080	14 833	16 284
24 154	25 107	20 490	22 775	21 234	22 317	23 909	24 465	26 027	26 115
140 527	144 539	124 281	134 567	145 686	172 161	185 940	193 688	196 468	208 556
113 798	120 967	124 645	156 781	175 834	202 543	209 468	140 301	127 787	68 032
22 241	23 399	19 949	20 158	21 136	22 062	23 826	26 203	27 571	29 361
139 526	146 514	130 384	122 895	93 808	90 913	71 611	71 896	69 718	83 457
122 810	97 805	90 005	94 761	89 931	98 971	98 515	97 696	78 300	81 500
277 844	261 075	223 861	254 349	235 135	251 785	247 343	254 823	266 123	246 429
11 732	9 113	9 704	12 249	18 590	20 875	19 455	19 613	20 185	24 274
22 509	25 396	17 340	17 370	16 078	17 217	23 277	25 494	28 262	20 395
588 647	571 584	525 621	455 057	421 330	381 947	398 447	347 200	327 154	325 783
82 937	78 481	53 734	55 860	58 123	56 117	57 156	60 430	58 041	55 148
44 694	41 260	31 674	39 163	43 663	45 375	50 389	57 257	50 117	47 509
24 963	27 136	11 124	20 918	19 342	15 748	14 018	11 390	11 671	12 793
15 098	18 069	22 277	19 065	18 226	17 233	15 235	15 178	15 465	14 301
74 486	107 491	- 80 627	- 59 812	12 679	104 189	34 223	46 283	12 867	151 821
2 696 609	2 920 227	2 228 467	2 275 136	2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 590 848
2 622 123	2 812 736	2 309 094	2 334 948	2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 439 027
1 715 782	1 942 038	1 495 667	1 602 129	1 632 973	2 051 286	2 082 679	2 151 566	2 180 819	1 880 198
259 953	251 296	251 149	244 670	233 172	185 133	212 475	194 176	197 228	192 528
646 388	619 402	562 278	488 149	466 337	421 636	433 546	384 928	367 753	366 301
74 486	107 491	- 80 627	- 59 812	12 679	104 189	34 223	46 283	12 867	151 821
52 597	101 555	- 66 307	- 67 663	23 110	98 258	25 287	16 115	- 6 527	153 366
21 889	5 936	- 14 320	7 851	- 10 431	5 931	8 936	30 168	19 394	- 1 545
2 696 609	2 920 227	2 228 467	2 275 136	2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 590 848

Table 103. Disposable income, consumption

Items	1993 <sup>r</sup>	1994 <sup>r</sup>	1995 <sup>r</sup>	1996 <sup>r</sup>	1997 <sup>r</sup>	1998 <sup>r</sup>	1999 <sup>r</sup>
Average disposable income per household	727 879	769 755	811 338	826 378	863 427	873 175	889 053
By disposable income quintile							
Lowest 20% (a)	259 380	280 259	296 166	298 443	312 458	310 865	317 001
Second 20%	477 408	499 105	525 749	537 241	557 429	560 766	573 853
Third 20%	642 257	669 983	704 713	723 067	753 919	765 375	778 496
Fourth 20%	853 213	892 016	948 484	966 103	1 003 815	1 014 770	1 031 669
Highest 20% (b)	1 407 138	1 507 414	1 581 581	1 607 034	1 689 517	1 714 097	1 744 245
(b)/(a) (Times)	5.43	5.38	5.34	5.38	5.41	5.51	5.50
Average consumption expenditure per household	504 133	545 987	591 035	614 435	634 477	646 343	655 282
By disposable income quintile							
Lowest 20%	238 753	255 078	270 859	285 227	292 464	288 889	290 266
Second 20%	394 795	419 297	451 990	464 278	487 183	496 500	497 548
Third 20%	490 342	522 530	567 437	589 982	612 672	632 744	638 566
Fourth 20%	590 955	624 470	685 390	721 896	747 747	763 930	777 298
Highest 20%	805 819	908 563	979 498	1 010 792	1 032 317	1 049 654	1 072 735
Percent distribution of total expenditures							
Food, beverage and tobacco	22.11	19.80	19.53	19.72	19.18	18.96	18.22
Clothing and footwear	5.69	4.94	4.63	4.51	4.52	4.50	4.10
Housing, water, electricity, gas and other fuels	25.66	25.80	25.13	25.62	25.46	25.61	25.33
Furnishings, household equipment and routine household maintenance	2.96	3.41	3.43	3.27	3.07	2.84	2.76
Health	7.78	8.49	10.37	9.79	9.92	10.25	10.89
Transport and communication	10.34	10.40	10.50	10.65	10.91	11.03	11.56
Recreation, culture and education	11.43	11.89	11.60	11.51	11.65	11.52	11.63
Restaurants and hotels	7.82	8.59	8.16	8.43	8.66	8.87	8.93
Miscellaneous goods and services	6.20	6.68	6.66	6.51	6.63	6.41	6.58
Average savings per household	223 747	223 768	220 303	211 943	228 951	226 831	233 770
By disposable income quintile							
Lowest 20%	20 627	25 181	25 307	13 216	19 994	21 976	26 735
Second 20%	82 614	79 808	73 759	72 963	70 245	64 267	76 305
Third 20%	151 915	147 453	137 276	133 085	141 247	132 630	139 931
Fourth 20%	262 258	267 546	263 094	244 207	256 068	250 840	254 371
Highest 20%	601 321	598 851	602 083	596 242	657 199	664 443	671 511



## expenditure and savings of households

NT\$

2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
891 445	868 651	875 919	881 662	891 249	894 574	913 092	923 874	913 687	887 605
315 172	279 404	292 113	296 297	297 305	297 694	304 274	312 145	303 517	282 260
571 355	524 766	538 584	545 465	555 452	556 117	564 865	571 128	564 893	544 532
778 556	740 054	743 888	745 231	775 719	779 044	795 427	799 418	796 225	771 572
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	1 049 242
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	1 790 418
5.55	6.39	6.16	6.07	6.03	6.04	6.01	5.98	6.05	6.34
662 722	657 872	672 619	666 372	692 648	701 076	713 024	716 094	705 413	705 680
300 440	283 920	302 415	294 645	295 476	299 642	304 091	313 309	309 419	312 957
502 783	480 451	500 714	491 137	513 243	516 758	524 833	530 417	522 744	520 079
634 736	629 430	647 533	650 448	678 420	688 550	702 656	699 698	687 699	674 549
780 907	792 556	804 065	802 983	831 215	861 302	860 439	868 505	849 967	856 788
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	1 164 025
17.33	17.29	17.17	16.86	16.44	16.20	16.13	16.48	16.40	16.68
3.85	3.66	3.57	3.53	3.48	3.41	3.37	3.27	3.18	3.19
25.62	25.08	24.23	24.38	23.52	23.77	23.67	23.91	24.23	24.30
2.66	2.59	2.47	2.43	2.57	2.51	2.41	2.48	2.47	2.53
11.01	11.43	12.16	12.52	12.74	13.19	13.75	14.11	14.35	14.45
11.86	12.12	12.67	12.50	12.96	12.97	12.79	12.90	12.38	12.73
12.06	12.04	12.20	11.99	12.07	11.75	11.53	11.23	11.29	11.04
8.92	8.98	8.78	8.92	9.14	9.32	9.31	9.67	10.08	9.37
6.69	6.82	6.75	6.88	7.08	6.88	7.03	5.95	5.62	5.71
228 723	210 779	203 300	215 290	198 600	193 497	200 068	207 780	208 274	181 925
14 733	- 4 516	- 10 302	1 652	1 829	- 1 948	183	- 1 164	- 5 902	- 30 697
68 572	44 315	37 871	54 328	42 208	39 360	40 032	40 711	42 149	24 453
143 820	110 623	96 355	94 783	97 299	90 494	92 770	99 720	108 525	97 023
262 601	220 922	201 210	218 342	204 757	181 829	213 067	201 380	218 837	192 454
653 888	682 548	691 365	707 347	646 909	657 753	654 288	698 251	677 760	626 394

Table 104. Average family income

Items	General average		
		Lowest 20 percent	Second 20 percent
No. of households (households)	7 688 014	1 537 603	1 537 603
No. of persons per household (persons)	3.34	1.89	2.93
No. of adults per household (persons)	2.57	1.66	2.23
No. of persons employed per household (persons)	1.46	0.53	1.14
No. of income recipients per household (persons)	1.64	1.06	1.28
Total receipts	1 074 180	343 064	663 508
Compensation of employees	608 940	85 526	308 523
Entrepreneurial income	145 223	30 046	93 283
Property income	50 660	13 514	22 370
Imputed rent income	66 407	37 479	52 573
Current transfer receipts	202 780	176 247	186 578
From individuals	55 435	68 164	56 922
From government	60 086	67 524	64 173
Benefit of social insurance	84 337	40 052	64 173
From enterprises	1 895	220	623
From abroad	1 027	287	688
Miscellaneous receipts	170	251	181
Nonconsumption expenditures	186 575	60 804	118 975
Interest	14 531	4 636	11 515
Current transfer expenditures	172 044	56 168	107 461
To private	48 303	17 056	29 117
To government	32 492	7 353	14 907
Social insurance	87 784	31 155	61 609
To abroad	3 466	604	1 827
Consumption expenditures	705 680	312 957	520 079
Food and non-alcoholic beverages	107 850	58 132	88 406
Tobacco, alcoholic beverages and betel nuts	9 862	6 168	9 272
Clothing and footwear	22 483	7 205	14 110
Housing, water, electricity, gas and other fuels	171 482	101 438	139 567
Furnishings, household equipment and routine household maintenance	17 850	6 352	11 815
Health	101 969	50 640	78 073
Transport	66 326	19 442	42 725
Communication	23 526	8 689	17 533
Recreation and culture	35 389	11 354	20 799
Education	42 510	6 730	25 526
Restaurants and hotels	66 112	23 148	46 551
Miscellaneous goods and services	40 321	13 659	25 703
Disposable income	887 605	282 260	544 532
Final consumption expenditure	705 680	312 957	520 079
Saving	181 925	- 30 697	24 453
Current receipts	1 128 201	374 298	706 053

## and expenditure per household, 2009

NT\$

Disposable income quintile			Farm and non-farm	
Third 20 percent	Fourth 20 percent	Highest 20 percent	Farm	Non-farm
1 537 603	1 537 603	1 537 602	521 534	7 166 480
3.57	3.96	4.34	3.64	3.32
2.66	2.98	3.33	2.90	2.55
1.53	1.85	2.25	2.03	1.42
1.61	1.90	2.36	1.76	1.63
932 259	1 267 653	2 164 415	836 285	1 091 492
503 135	750 782	1 396 733	289 950	632 154
137 977	180 646	284 163	241 282	138 232
35 266	52 907	129 241	26 453	52 421
62 275	76 864	102 846	42 731	68 130
193 468	206 329	251 275	235 653	200 387
50 033	47 926	54 130	43 167	56 328
61 745	57 694	49 296	100 399	57 152
79 224	98 326	139 909	89 240	83 980
939	1 242	6 450	2 090	1 881
1 527	1 141	1 491	757	1 046
138	125	157	215	167
160 687	218 412	373 997	127 684	190 861
14 399	18 103	24 001	5 496	15 188
146 288	200 308	349 997	122 187	175 673
38 269	55 194	101 877	37 640	49 079
21 555	34 380	84 262	18 919	33 479
84 236	108 592	153 327	64 824	89 455
2 228	2 143	10 530	805	3 660
674 549	856 788	1 164 025	576 802	715 059
111 295	128 617	152 800	102 293	108 254
10 552	11 042	12 278	12 974	9 636
19 975	27 784	43 342	16 553	22 915
165 307	194 953	256 146	113 718	175 686
15 228	20 376	35 479	14 016	18 129
98 025	125 674	157 432	106 768	101 620
58 290	85 164	126 009	61 119	66 705
23 446	29 964	38 000	18 773	23 872
28 538	40 743	75 511	21 472	36 402
45 261	59 717	75 314	28 384	43 538
64 840	83 162	112 857	45 971	67 577
33 792	49 592	78 858	34 762	40 726
771 572	1 049 242	1 790 418	708 602	900 631
674 549	856 788	1 164 025	576 802	715 059
97 023	192 454	626 394	131 800	185 573
984 267	1 328 893	2 247 496	872 668	1 146 797

Table 105. Transactions table at producers' prices,

Input sectors (Use)		Output sectors (Supply)							
		01	02	03	04	05	06	07	08
01	Agricultural products	41 896	12 486	0	911	0	91 274	1 988	413
02	Livestock	1 496	12 921	0	15	0	92 433	14	0
03	Forest products	130	34	135	1	0	0	1	0
04	Fishery products	0	128	0	3 888	0	6 183	0	0
05	Minerals	0	4	0	12	30 193	776	32	0
06	Process foods	246	56 098	0	7 184	0	72 328	5 753	2
07	Beverages	13	125	0	0	0	244	1 843	0
08	Tobacco	0	0	0	0	0	0	0	2 896
09	Textile mill products	170	14	2	1 304	43	246	0	0
10	Wearing apparel and clothing accessories	28	0	1	9	0	14	15	0
11	Leather, fur and related products	0	0	0	0	0	0	0	0
12	Wood and related products	470	138	0	303	355	152	23	0
13	Pulp, paper and paper products	238	38	0	82	5	5 986	2 524	677
14	Printing and reproduction of recorded media	98	62	0	268	11	471	289	83
15	Petroleum and coal products	3 832	217	40	18 767	11 526	5 176	1 540	30
16	Chemical materials	10 549	14	3	26	50	1 653	1 185	473
17	Chemical products	3 685	65	6	144	953	1 531	939	40
18	Medicines	698	1 504	0	204	13	1 830	143	0
19	Rubber products	176	284	0	0	371	108	0	0
20	Plastic products	2 065	139	2	204	144	9 308	3 143	9
21	Non-metallic mineral products	75	0	2	9	80	848	1 122	0
22	Iron and steel products	2	4	0	111	313	0	0	0
23	Miscellaneous metals	0	0	0	0	0	1 023	671	58
24	Fabricated metal products	735	678	7	19	444	2 501	8 051	0
25	Electronic parts and components	0	0	0	0	0	0	0	0
26	Computers, electronic and optical products	3	0	0	0	67	1	0	0
27	Electrical equipment	62	0	4	55	107	35	0	0
28	Mechanical equipment	1 356	153	4	582	3 009	888	303	0
29	Motor vehicles and parts	0	0	2	0	6	43	3	0
30	Other transport equipment	0	0	0	1 402	0	8	0	0
31	Furniture	0	0	0	0	1	0	0	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	167	1	0	3 178	617	889	374	28
33	Electricity supply	762	1 005	6	1 624	2 227	6 180	1 034	148
34	Gas supply	4	3	2	0	12	223	25	0
35	Water supply	12	148	0	19	103	180	78	17
36	Remediation services	63	230	0	0	0	552	146	348
37	Construction	489	483	6	126	661	469	161	72
38	Wholesale and retail trade	7 597	22 110	8	9 043	2 408	48 097	5 542	226
39	Transportation and storage	845	1 436	25	1 774	850	6 169	658	78
40	Accommodation and food services	180	0	25	63	80	1 018	66	13
41	Mass communication services	4	3	1	24	18	60	22	0
42	Telecommunication services	27	0	3	235	204	666	65	9
43	Data processing & information services	0	0	0	8	5	673	36	0
44	Finance and insurance services	1 230	2 638	38	827	594	5 679	849	35
45	Real estate services	0	0	0	340	74	609	25	15
46	Professional, scientific and technical services	1 308	578	1	148	712	12 205	3 557	232
47	Support services	2	0	2	41	511	1 947	222	62
48	Public administration services	885	555	53	3	222	1 768	320	314
49	Education services	46	179	2	18	1	395	19	0
50	Human health and social work services	52	231	4	128	0	143	0	0
51	Arts, entertainment and recreation services	0	0	0	0	3	51	7	0
52	Other services	38	0	9	231	175	1 164	308	23
01-52	Intermediate inputs	81 734	114 706	393	53 330	57 168	384 197	43 096	6 301
53	Compensation	88 696	9 677	1 325	22 483	15 861	46 830	10 490	4 142
54	Operating surplus	57 745	8 440	1 073	8 547	18 589	8 441	8 073	3 025
55	Consumption of fixed capital	9 763	2 647	334	2 625	3 807	8 953	1 761	1 636
56	Net indirect taxes	- 11 607	849	- 1 019	- 514	1 531	8 540	24 437	15 848
56-(1)	Net commodity taxes	0	0	0	0	0	0	2 983	0
56-(2)	Net import duties	124	32	0	470	88	2 484	396	275
56-(3)	Value added taxes	1 744	886	0	619	0	2 981	0	0
56-(4)	Other taxes, less subsidies	- 13 475	- 69	- 1 019	- 1 603	1 443	3 075	21 058	15 573
53-56	Primary inputs	144 597	21 613	1 713	33 141	39 788	72 764	44 761	24 651
57	Adjustment item	0	0	0	0	0	0	0	0
01-57	Total inputs	226 331	136 319	2 106	86 471	96 956	456 961	87 857	30 952

## 2006 (excluding net import duties)

Million NT\$

09	10	11	12	13	14	15	16	17	18	19
10 585	30	0	0	0	0	0	0	1	134	0
1 934	11	0	0	0	0	0	13	0	67	0
3	1	37	3 768	225	0	0	0	229	0	6 499
0	0	0	0	0	0	0	0	0	0	0
487	2	28	5	748	50	800 091	12 793	1 016	25	48
384	79	9 565	30	0	0	0	225	596	519	0
0	0	0	0	0	0	0	9	0	11	0
0	0	0	0	0	0	0	0	0	0	0
130 803	33 845	1 388	106	1 457	89	114	286	353	862	3 524
114	4 793	139	0	8	0	3	77	0	5	3
201	87	11 970	11	0	0	15	41	0	0	0
132	10	130	12 099	3 757	59	22	142	83	0	23
1 903	449	449	267	72 569	23 205	69	5 672	1 698	1 573	423
217	139	139	37	336	1 846	60	410	364	110	0
8 533	605	536	660	4 814	908	60 229	261 523	3 706	508	1 990
92 098	563	3 805	563	4 064	611	928	994 291	75 011	1 365	19 765
12 422	50	2 272	835	4 985	6 195	4 523	13 234	45 855	691	4 122
0	0	0	0	0	0	22	0	0	15 477	0
1 834	228	115	99	181	1	200	245	5	27	6 463
2 525	855	2 580	778	3 743	1 933	890	3 444	4 788	1 150	757
3 340	0	5	12	0	0	152	1 816	1 213	1 681	2
71	0	1	16	28	14	1 322	488	60	0	2 076
46	0	57	16	395	2 218	430	13 641	1 471	37	334
707	185	257	324	120	705	875	1 360	3 509	274	948
0	0	0	0	0	0	0	0	1	0	0
27	1	0	70	0	1 079	744	514	4	0	0
114	32	10	14	35	0	416	205	50	0	10
2 570	135	84	181	675	202	2 940	3 857	232	0	486
94	16	0	1	17	0	411	50	0	0	0
2	24	13	0	0	0	0	0	0	0	0
3	0	0	0	0	0	3	2	0	0	0
1 564	1 203	185	172	911	665	935	5 325	706	257	450
13 015	1 137	494	874	7 653	1 996	30 860	46 088	4 797	724	1 983
195	21	6	18	81	29	25	584	51	38	52
478	38	21	43	92	30	668	2 968	228	71	37
650	0	99	0	9 824	0	0	864	0	0	0
1 342	154	181	164	644	411	4 123	7 862	616	181	217
29 310	9 332	3 258	5 194	19 176	11 025	7 543	35 754	17 964	4 068	5 641
4 474	1 405	673	806	3 430	1 279	6 422	13 617	2 948	811	1 410
1 525	413	153	129	162	295	254	1 090	882	3 778	145
42	21	23	30	61	29	8	53	22	20	10
777	130	149	186	455	837	534	644	632	175	230
141	103	26	24	61	46	76	211	251	48	10
7 012	1 181	1 231	885	3 175	2 168	4 255	12 171	3 542	875	2 152
455	167	54	40	201	288	157	231	218	96	101
5 491	1 177	1 522	575	2 527	1 746	5 376	12 028	7 210	6 372	2 506
1 066	1 064	117	57	603	986	2 741	5 841	2 214	368	362
675	359	108	208	217	464	1 510	2 970	344	323	364
328	38	14	16	7	0	32	1	67	28	0
225	156	53	3	0	0	0	392	18	14	90
66	33	13	8	22	18	3	49	50	29	19
1 555	256	185	168	209	422	1 201	1 426	408	102	304
341 535	60 528	42 145	29 492	147 668	61 849	941 182	1 464 507	183 413	42 894	63 556
59 876	16 433	7 009	8 045	25 494	26 738	17 779	60 606	30 080	14 025	18 045
7 353	- 3 175	315	1 871	9 869	5 584	214	70 348	12 505	7 044	5 977
13 074	1 174	846	776	4 208	3 554	7 919	33 161	4 529	1 580	2 804
1 889	557	212	228	559	590	109 078	5 537	2 232	333	1 714
0	0	0	0	0	0	92 557	95	0	0	748
915	387	148	111	219	236	537	2 836	1 306	112	518
175	0	0	0	0	0	1 068	342	297	0	0
799	170	64	117	340	354	14 916	2 264	629	221	448
82 192	14 989	8 382	10 920	40 130	36 466	134 990	169 652	49 346	22 982	28 540
0	0	0	0	0	0	0	0	0	0	0
423 727	75 517	50 527	40 412	187 798	98 315	1 076 172	1 634 159	232 759	65 876	92 096

Table 105. Transactions table at producers' prices,

Input sectors (Use)		Output sectors (Supply)						
		20	21	22	23	24	25	26
01	Agricultural products	0	0	0	0	0	0	0
02	Livestock	0	0	0	0	0	0	0
03	Forest products	11	0	0	0	0	0	0
04	Fishery products	0	0	0	0	0	0	0
05	Minerals	505	45 157	51 415	841	1 213	2 108	203
06	Process foods	16	10	0	0	0	0	0
07	Beverages	0	0	0	0	0	0	0
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	5 275	518	145	6	494	10 563	235
10	Wearing apparel and clothing accessories	112	0	1	0	87	411	44
11	Leather, fur and related products	361	0	0	0	315	32	62
12	Wood and related products	204	475	30	41	1 198	80	496
13	Pulp, paper and paper products	1 741	2 741	264	374	2 639	7 252	4 119
14	Printing and reproduction of recorded media	400	108	8	35	683	1 098	388
15	Petroleum and coal products	3 369	14 325	38 230	3 690	7 839	3 985	1 277
16	Chemical materials	153 273	6 194	5 371	15 165	10 819	168 938	19 888
17	Chemical products	16 738	4 353	5 406	1 246	12 325	57 691	4 510
18	Medicines	0	0	0	0	0	0	40
19	Rubber products	2 753	126	10	0	1 048	4 378	2 329
20	Plastic products	45 055	632	268	82	6 012	51 959	21 253
21	Non-metallic mineral products	98	45 010	6 277	510	1 403	13 947	4 819
22	Iron and steel products	657	4 993	648 363	1 509	162 690	4 546	4 890
23	Miscellaneous metals	771	269	81 218	175 752	64 646	86 185	8 639
24	Fabricated metal products	4 786	1 801	13 191	6 239	75 587	15 290	12 269
25	Electronic parts and components	0	4	0	0	0	1 552 163	329 053
26	Computers, electronic and optical products	13	1	45	0	104	5 824	43 778
27	Electrical equipment	433	118	1 085	6	979	20 532	16 266
28	Mechanical equipment	1 900	4 073	4 556	375	3 953	24 654	3 797
29	Motor vehicles and parts	0	0	0	0	0	0	4
30	Other transport equipment	1	0	0	0	17	0	0
31	Furniture	0	0	0	0	4	0	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	1 117	2 439	5 643	1 044	1 455	21 046	925
33	Electricity supply	8 346	11 752	24 200	4 680	9 373	44 031	6 337
34	Gas supply	81	992	528	142	304	1 925	170
35	Water supply	516	574	1 654	182	261	1 645	160
36	Remediation services	0	674	32 636	9 760	50	249	912
37	Construction	1 157	1 643	5 251	832	2 044	6 450	892
38	Wholesale and retail trade	27 204	24 272	56 267	22 513	55 260	126 616	52 378
39	Transportation and storage	3 605	8 819	9 252	2 165	7 914	23 281	7 102
40	Accommodation and food services	5 673	497	688	204	2 244	3 260	2 529
41	Mass communication services	33	69	28	9	70	475	653
42	Telecommunication services	738	807	1 403	175	2 071	3 301	1 254
43	Data processing & information services	199	233	40	122	126	2 398	202
44	Finance and insurance services	7 772	4 081	12 112	5 081	8 635	50 663	17 658
45	Real estate services	414	570	112	135	961	1 598	789
46	Professional, scientific and technical services	4 985	3 370	4 332	1 597	5 237	125 046	46 515
47	Support services	713	2 263	2 708	1 362	5 927	48 737	22 182
48	Public administration services	957	866	1 418	374	3 342	3 918	1 273
49	Education services	4	27	2 004	122	401	571	354
50	Human health and social work services	407	79	44	94	171	599	346
51	Arts, entertainment and recreation services	68	45	52	22	230	174	105
52	Other services	1 084	622	2 963	493	4 398	6 053	1 681
01-52	Intermediate inputs	303 545	195 602	1 019 218	256 979	464 529	2 503 672	642 776
53	Compensation	48 868	34 201	64 588	21 496	141 520	267 620	69 485
54	Operating surplus	2 356	15 503	75 047	10 281	15 197	258 491	27 574
55	Consumption of fixed capital	12 302	8 875	18 127	3 587	22 426	312 664	14 960
56	Net indirect taxes	2 271	8 324	2 277	928	3 043	7 367	2 833
56-(1)	Net commodity taxes	0	5 070	0	0	0	0	655
56-(2)	Net import duties	1 617	862	522	570	663	3 756	1 303
56-(3)	Value added taxes	0	0	0	0	0	0	0
56-(4)	Other taxes, less subsidies	654	2 392	1 755	358	2 380	3 611	875
53-56	Primary inputs	65 797	66 903	160 039	36 292	182 186	846 142	114 852
57	Adjustment item	0	0	0	0	0	0	0
01-57	Total inputs	369 342	262 505	1 179 257	293 271	646 715	3 349 814	757 628

## 2006 (excluding net import duties) (continued)

Million NT\$

27	28	29	30	31	32	33	34	35	36	37
1	0	0	0	0	0	0	0	5	0	682
0	0	0	0	0	2	0	0	0	0	0
1	0	0	0	213	485	0	0	0	0	2 185
0	0	0	0	0	0	0	0	0	0	0
458	242	184	320	29	244	173 383	14 472	0	8	30 639
0	0	0	0	0	1 473	12	0	2	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
906	129	657	525	697	6 349	0	0	0	0	455
16	23	1	10	69	117	47	0	2	0	460
23	362	2 223	39	1 244	1 048	0	0	0	0	0
604	869	360	990	5 120	2 245	0	0	0	0	28 624
2 095	1 067	891	617	576	2 272	0	0	0	4	1 679
238	251	0	4	42	394	248	1	21	0	346
3 738	4 572	1 755	1 245	397	1 463	67 499	14 846	66	1 445	14 305
10 408	2 544	3 515	2 284	1 512	10 411	3 808	78	510	341	535
2 866	1 102	1 645	1 919	621	1 724	51	7	19	2 206	20 086
1	0	0	0	0	0	0	0	13	0	0
1 495	10 949	4 156	4 512	126	1 770	51	0	0	0	1 186
12 026	4 209	9 083	3 143	3 137	8 937	0	62	173	1 991	21 125
1 525	1 324	3 021	559	494	810	328	1	0	25	172 760
20 993	129 924	21 892	17 836	10 507	10 811	70	42	0	3 653	135 323
89 243	29 428	15 053	13 135	1 963	7 807	0	0	0	4 375	4 285
11 500	53 794	9 101	6 157	3 909	10 778	138	19	58	413	95 317
14 520	10 605	2 367	1 405	0	4 799	0	0	0	5 973	1 503
2 908	16 809	895	2 373	1	871	142	72	22	1 705	6 477
108 536	42 549	8 248	3 873	99	5 079	1 380	4	5	230	79 468
16 207	127 008	6 617	6 997	733	27 124	1 332	107	145	2 587	45 782
18	287	129 877	1 314	0	10	0	0	0	0	0
22	2	98	70 004	0	6 603	0	0	0	0	2
1	24	132	358	4 157	70	0	0	0	0	2 058
1 054	1 669	940	2 076	191	18 845	10 288	70	1 314	2 357	2 022
3 243	4 089	2 851	1 876	461	3 030	54 610	54	1 446	1 314	3 046
216	147	181	86	23	118	20	1	1	86	114
112	111	50	69	17	492	215	3	9 162	18	117
33	0	0	0	1	178	0	0	3	20 143	0
292	1 380	101	534	185	1 369	1 070	516	423	1 631	1 191
37 886	77 097	40 999	25 242	7 590	22 833	5 310	1 057	180	5 927	113 879
5 300	11 115	2 997	2 086	1 063	3 564	2 609	717	373	564	29 825
1 237	3 613	492	474	619	1 031	79	9	48	2 094	2 414
83	217	16	55	9	524	17	2	12	14	333
511	1 714	220	328	174	1 018	126	26	51	176	4 590
78	103	78	140	54	107	132	0	66	41	360
8 990	10 925	4 117	2 709	852	4 659	4 636	420	433	2 581	12 144
330	1 344	236	57	149	412	76	6	2	367	1 778
10 078	12 031	9 280	7 912	1 373	5 269	5 541	353	530	1 492	51 560
2 210	4 096	1 876	1 858	448	1 757	1 106	61	341	1 721	9 309
1 005	949	1 084	388	164	785	2 347	48	317	935	3 114
531	28	53	206	86	165	89	3	116	206	988
586	205	250	246	5	59	0	0	3	18	4 242
82	236	60	47	4	204	4	7	1	27	288
587	1 828	1 020	349	228	1 756	384	49	215	844	5 988
374 793	570 970	288 672	186 357	49 342	181 871	337 148	33 113	16 078	67 512	912 584
54 641	108 325	43 530	29 462	12 067	61 168	40 833	3 563	9 472	34 480	274 640
14 124	23 125	680	6 876	2 058	19 600	- 517	2 195	2 807	19 437	45 177
7 105	10 205	11 709	4 862	1 439	9 135	120 724	1 452	8 601	2 060	19 444
4 964	4 930	34 148	6 267	260	1 643	3 938	224	168	677	6 716
2 857	282	28 337	3 635	0	0	0	0	0	0	0
1 573	3 081	5 128	525	95	736	574	157	9	65	2 512
0	142	0	31	0	0	47	0	0	0	0
534	1 425	683	2 076	165	907	3 317	67	159	612	4 204
80 834	146 585	90 067	47 467	15 824	91 546	164 978	7 434	21 048	56 654	345 977
0	0	0	0	0	0	6 514	0	0	0	0
455 627	717 555	378 739	233 824	65 166	273 417	508 640	40 547	37 126	124 166	1 258 561

Table 105. Transactions table at producers' prices,

Input sectors (Use)		Output sectors (Supply)						
		38	39	40	41	42	43	44
01	Agricultural products	4	0	13 395	0	0	0	0
02	Livestock	0	0	1 591	0	0	0	0
03	Forest products	0	0	0	0	0	0	0
04	Fishery products	0	0	528	0	0	0	0
05	Minerals	0	27	0	0	0	0	0
06	Process foods	0	0	66 655	0	0	0	0
07	Beverages	0	0	958	0	0	0	0
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	1 663	211	2 651	100	0	0	0
10	Wearing apparel and clothing accessories	0	106	1 435	100	0	0	0
11	Leather, fur and related products	0	0	2	74	0	0	0
12	Wood and related products	2 273	79	429	61	0	0	0
13	Pulp, paper and paper products	26 663	326	7 357	10 940	22	1 046	1 981
14	Printing and reproduction of recorded media	16 986	1 225	163	9 337	995	92	12 074
15	Petroleum and coal products	51 497	202 822	3 654	478	297	186	1 051
16	Chemical materials	0	0	9	0	0	0	0
17	Chemical products	376	513	3 642	1 779	0	6	381
18	Medicines	0	1	22	0	0	0	0
19	Rubber products	0	3 791	0	9	0	0	0
20	Plastic products	37 001	9	8 744	265	0	0	0
21	Non-metallic mineral products	0	0	1 256	21	0	0	0
22	Iron and steel products	0	574	0	0	0	0	0
23	Miscellaneous metals	0	0	0	0	0	0	0
24	Fabricated metal products	16	593	2 371	185	8	156	0
25	Electronic parts and components	0	113	0	579	0	8 597	0
26	Computers, electronic and optical products	167	31	5	3 420	3 253	6 529	215
27	Electrical equipment	538	587	131	465	3 880	1 681	45
28	Mechanical equipment	0	1 684	178	251	0	49	983
29	Motor vehicles and parts	4 443	4 961	22	5	0	28	0
30	Other transport equipment	0	2 686	7	2	0	0	0
31	Furniture	0	5	0	0	0	0	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	2 495	32 826	1 348	556	143	449	1 416
33	Electricity supply	52 089	5 611	7 041	797	3 525	936	3 947
34	Gas supply	1 901	183	10 641	58	122	66	213
35	Water supply	2 786	224	1 048	46	82	88	254
36	Remediation services	0	250	0	27	0	0	0
37	Construction	23 880	9 885	2 045	2 472	7 609	606	2 272
38	Wholesale and retail trade	70 528	61 521	40 718	10 780	20 054	7 204	2 258
39	Transportation and storage	73 080	166 368	3 312	1 719	3 340	2 567	10 794
40	Accommodation and food services	79 478	12 449	555	1 701	416	2 086	10 054
41	Mass communication services	5 732	494	499	40 619	437	3 203	1 894
42	Telecommunication services	35 842	3 721	3 137	1 166	55 513	10 106	8 172
43	Data processing & information services	21 268	843	2 149	536	120	1 485	7 225
44	Finance and insurance services	78 517	16 796	7 259	1 449	2 728	2 120	185 213
45	Real estate services	160 875	5 241	12 340	1 493	2 138	2 271	24 022
46	Professional, scientific and technical services	151 131	9 676	7 763	8 249	16 530	9 280	34 498
47	Support services	60 459	58 654	4 410	1 375	6 692	2 581	13 302
48	Public administration services	14 562	4 327	1 184	770	743	424	12 202
49	Education services	717	356	0	118	783	26	517
50	Human health and social work services	21 099	567	586	255	0	0	4 883
51	Arts, entertainment and recreation services	1 278	194	84	3 805	11	42	426
52	Other services	18 261	14 308	2 661	526	5 493	512	7 654
01-52	Intermediate inputs	1 017 605	624 838	223 985	106 588	134 934	64 422	347 946
53	Compensation	1 376 621	217 283	162 034	48 258	58 795	60 674	384 907
54	Operating surplus	1 010 127	65 782	50 002	15 170	87 902	32 733	385 225
55	Consumption of fixed capital	107 060	97 008	20 126	2 879	60 204	30 230	74 625
56	Net indirect taxes	51 970	9 761	7 385	2 982	9 982	1 217	39 018
56-(1)	Net commodity taxes	0	0	0	0	0	0	0
56-(2)	Net import duties	418	784	1 787	72	28	36	29
56-(3)	Value added taxes	0	312	0	1 828	0	0	6 319
56-(4)	Other taxes, less subsidies	51 552	8 665	5 598	1 082	9 954	1 181	32 670
53-56	Primary inputs	2 545 778	389 834	239 547	69 289	216 883	124 854	883 775
57	Adjustment item	0	0	0	0	0	0	0
01-57	Total inputs	3 563 383	1 014 672	463 532	175 877	351 817	189 276	1 231 721



## 2006 (excluding net import duties) (continued)

Million NT\$

45	46	47	48	49	50	51	52	01-52	53 Private consumption	54 Government consumption
0	52	0	1 336	194	0	0	241	175 628	133 551	0
0	5	0	26	51	0	0	0	110 579	25 296	0
0	0	0	1	0	0	0	0	13 959	86	0
0	0	0	99	0	0	0	4	10 830	51 966	0
0	0	0	45	0	0	0	8	1 167 811	0	0
0	52	0	2 073	376	0	188	482	224 348	331 622	0
0	4	0	517	90	0	0	211	4 025	101 289	0
0	0	0	5	3	0	0	11	2 915	50 224	0
0	1 350	2	180	125	164	63	1 881	209 950	16 037	0
0	472	0	1 929	167	29	21	404	11 272	75 292	0
0	33	0	270	26	0	0	61	18 500	33 525	0
0	1 213	156	214	363	0	53	318	64 393	2 372	0
129	4 858	3 071	1 920	1 126	624	488	1 352	208 061	15 963	0
245	25 554	3 483	8 821	3 668	1 414	771	3 789	97 822	58	0
2 088	5 933	5 852	8 155	1 971	2 093	611	6 043	861 917	131 664	0
0	4 141	445	1 440	2 279	4 930	0	173	1 636 028	957	0
49	7 225	6 187	4 038	499	2 071	376	13 811	278 015	45 499	0
0	1 176	0	937	421	61 546	50	64	84 162	28 114	0
0	64	244	378	91	9	0	5 310	55 122	9 784	0
0	3 834	391	2 330	1 149	133	684	2 802	284 946	16 710	0
0	214	0	1 220	1 734	720	0	472	268 905	9 158	0
0	372	2 336	1 013	14	0	0	2 226	1 189 740	0	0
0	1 554	0	4	0	0	0	83	604 807	22	0
48	2 971	334	20 443	1 315	1 570	162	2 994	375 212	37 893	0
0	40 070	773	1 106	2 978	1 127	52	1 745	1 979 533	17 769	0
64	11 219	2 590	2 155	8 726	10 935	1 712	534	136 105	156 444	0
797	5 504	2 288	3 508	6 575	1 009	200	4 287	321 534	72 044	0
0	1 119	843	1 948	1 149	2 042	207	2 888	308 945	1 686	0
0	402	1 556	5 035	242	246	16	22 221	171 330	153 524	0
0	137	32	68	0	1 204	5	7 267	89 606	36 069	0
0	23	0	466	840	0	0	1 208	9 355	24 167	0
204	3 243	2 136	4 575	4 216	11 820	3 253	1 909	162 711	49 175	0
2 943	3 843	973	6 029	11 310	7 858	3 517	7 492	425 257	85 984	0
651	630	214	152	311	526	196	607	22 975	18 839	0
197	470	86	576	413	231	163	720	27 973	9 783	0
0	146	0	28 660	7 041	2 309	0	351	116 199	671	0
79 782	1 643	972	6 094	6 573	2 794	1 053	1 604	194 607	3 161	312
2 650	25 283	10 285	10 414	12 223	22 216	3 946	25 359	1 271 245	1 335 093	0
1 495	8 697	2 658	10 998	4 998	6 122	772	4 695	473 076	290 950	2 356
2 678	8 153	771	14 529	4 819	2 952	1 710	11 997	191 824	417 602	1 456
481	36 041	6 150	4 901	6 273	709	6 288	3 385	120 176	67 361	2 082
2 220	9 982	2 848	23 311	2 916	5 680	1 462	6 753	197 470	162 327	0
6 732	2 626	1 526	6 726	453	704	602	155	59 348	5 068	333
139 220	13 799	4 361	40 275	6 204	7 643	3 695	7 564	725 848	510 912	6 444
6 989	9 035	3 394	1 387	122	3 884	8 108	11 910	265 616	1 053 218	147
48 693	30 832	5 857	17 229	4 904	7 534	3 283	9 317	726 548	14 394	28 155
3 430	13 896	4 803	15 273	9 019	4 602	2 559	2 009	329 945	47 074	151
7 622	2 363	1 430	6	710	1 004	1 249	1 032	84 574	42 093	1 070 804
45	6 262	135	14 519	617	320	22	107	31 689	353 799	331 975
0	514	49	2 190	1 163	1 626	0	2 690	44 485	427 569	15 312
948	8 123	351	1 104	272	29	1 774	5 188	25 656	124 104	9 728
1 047	2 019	855	4 184	1 282	3 194	1 153	3 939	105 814	471 577	41
311 447	307 151	80 437	284 812	122 011	185 623	50 464	191 673	16 578 391	7 069 539	1 469 296
52 841	281 083	128 078	655 381	508 471	227 797	56 370	302 552	6 324 738	0	0
878 626	85 465	26 170	0	32 146	54 257	24 786	52 268	3 572 508	0	0
122 682	57 460	24 703	253 123	37 351	18 328	10 898	11 968	1 623 473	0	0
43 118	5 947	3 142	11 088	- 1 019	- 777	5 018	8 487	449 291	178 805	0
0	0	0	0	0	0	0	0	137 219	0	0
9	391	157	498	229	292	38	886	40 596	84 464	0
0	1 031	0	9 381	5 159	8 337	1 357	1 055	43 111	94 341	0
43 109	4 525	2 985	1 209	- 6 407	- 9 406	3 623	6 546	228 365	0	0
1 097 267	429 955	182 093	919 592	576 949	299 605	97 072	375 275	11 970 010	178 805	0
0	0	0	0	0	0	0	0	6 514	0	0
1 408 714	737 106	262 530	1 204 404	698 960	485 228	147 536	566 948	28 554 915	7 248 344	1 469 296

Table 105. Transactions table at producers' prices, 2006 (excluding net import duties) (continued)

Million NT\$

Output sectors (Supply)	Input sectors (Use)	55	56	57	53-57	01-57=58-59	58	59
		Fixed capital formation	Inventory change	Exports of goods and services	Final demand	Total demand = Total supply	Total domestic output	Imports of goods and services
01	Agricultural products	795	- 682	4 388	138 052	313 680	226 331	87 349
02	Livestock	2 753	377	197	28 623	139 202	136 319	2 883
03	Forest products	1 288	- 333	543	1 584	15 543	2 106	13 437
04	Fishery products	0	82	34 658	86 706	97 536	86 471	11 065
05	Minerals	1 043	- 2 803	1 693	- 67	1 167 744	96 956	1 070 788
06	Process foods	0	- 131	28 326	359 817	584 165	456 961	127 204
07	Beverages	0	- 71	3 302	104 520	108 545	87 857	20 688
08	Tobacco	0	- 654	1 130	50 700	53 615	30 952	22 663
09	Textile mill products	456	- 2 002	233 827	248 318	458 268	423 727	34 541
10	Wearing apparel and clothing accessories	0	734	38 612	114 638	125 910	75 517	50 393
11	Leather, fur and related products	0	- 97	30 536	63 964	82 464	50 527	31 937
12	Wood and related products	0	- 103	7 699	9 968	74 361	40 412	33 949
13	Pulp, paper and paper products	0	448	31 618	48 029	256 090	187 798	68 292
14	Printing and reproduction of recorded media	0	- 553	5 301	4 806	102 628	98 315	4 313
15	Petroleum and coal products	0	11 876	340 993	484 533	1 346 450	1 076 172	270 278
16	Chemical materials	0	2 537	633 074	636 568	2 272 596	1 634 159	638 437
17	Chemical products	0	- 84	83 799	129 214	407 229	232 759	174 470
18	Medicines	0	1 599	8 525	38 238	122 400	65 876	56 524
19	Rubber products	0	177	43 937	53 898	109 020	92 096	16 924
20	Plastic products	0	- 728	169 157	185 139	470 085	369 342	100 743
21	Non-metallic mineral products	0	1 090	31 680	41 928	310 833	262 505	48 328
22	Iron and steel products	0	- 8 901	310 491	301 590	1 491 330	1 179 257	312 073
23	Miscellaneous metals	0	995	108 594	109 611	714 418	293 271	421 147
24	Fabricated metal products	39 173	- 1 119	281 268	357 215	732 427	646 715	85 712
25	Electronic parts and components	0	51 991	2 776 501	2 846 261	4 825 794	3 349 814	1 475 980
26	Computers, electronic and optical products	249 424	- 1 826	661 967	1 066 009	1 202 114	757 628	444 486
27	Electrical equipment	28 524	- 6 673	183 223	277 118	598 652	455 627	143 025
28	Mechanical equipment	670 161	2 977	443 253	1 118 077	1 427 022	717 555	709 467
29	Motor vehicles and parts	59 072	- 5 672	105 279	312 203	483 533	378 739	104 794
30	Other transport equipment	41 914	1 666	143 404	223 053	312 659	233 824	78 835
31	Furniture	5 664	- 236	40 204	69 799	79 154	65 166	13 988
32	Other manufactures & repair and maintenance of industrial machinery and equipment	10 535	243	108 350	168 303	331 014	273 417	57 597
33	Electricity supply	0	0	134	86 118	511 375	508 640	2 735
34	Gas supply	0	- 278	6	18 567	41 542	40 547	995
35	Water supply	0	0	33	9 816	37 789	37 126	663
36	Remediation services	0	85	7 751	8 507	124 706	124 166	540
37	Construction	1 060 659	0	16	1 064 148	1 258 755	1 258 561	194
38	Wholesale and retail trade	217 313	1 885	771 407	2 325 698	3 596 943	3 563 383	33 560
39	Transportation and storage	7 753	- 824	395 653	695 888	1 168 964	1 014 672	154 292
40	Accommodation and food services	0	0	68 133	487 191	679 015	463 532	215 483
41	Mass communication services	11 493	95	18 643	99 674	219 850	175 877	43 973
42	Telecommunication services	0	0	10 565	172 892	370 362	351 817	18 545
43	Data processing & information services	144 081	0	5 886	155 368	214 716	189 276	25 440
44	Finance and insurance services	0	0	28 832	546 188	1 272 036	1 231 721	40 315
45	Real estate services	101 034	0	130	1 154 529	1 420 145	1 408 714	11 431
46	Professional, scientific and technical services	0	0	36 689	79 238	805 786	737 106	68 680
47	Support services	0	0	18 044	65 269	395 214	262 530	132 684
48	Public administration services	73	9	10 131	1 123 110	1 207 684	1 204 404	3 280
49	Education services	0	0	0	685 774	717 463	698 960	18 503
50	Human health and social work services	0	0	323	443 204	487 689	485 228	2 461
51	Arts, entertainment and recreation services	0	0	13 028	146 860	172 516	147 536	24 980
52	Other services	0	0	35 291	506 909	612 723	566 948	45 775
01-52	Intermediate inputs	2 653 208	45 096	8 316 224	19 553 363	36 131 754	28 554 915	7 576 839
53	Compensation	0	0	0	0	6 324 738		
54	Operating surplus	0	0	0	0	3 572 508		
55	Consumption of fixed capital	0	0	0	0	1 623 473		
56	Net indirect taxes	77 462	1 187	9 493	266 947	716 238		
56-(1)	Net commodity taxes	0	0	0	0	137 219		
56-(2)	Net import duties	9 252	472	902	95 090	135 686		
56-(3)	Value added taxes	68 210	715	8 591	171 857	214 968		
56-(4)	Other taxes, less subsidies	0	0	0	0	228 365		
53-56	Primary inputs	77 462	1 187	9 493	266 947	12 236 957		
57	Adjustment item	0	0	0	0	6 514		
01-57	Total inputs	2 730 670	46 283	8 325 717	19 820 310	48 375 225		

## AGRICULTURE, FORESTRY AND FISHING

This chapter is concerned with information on agriculture, forestry, fisheries, and livestock husbandry. All data on agriculture, forestry and fishing are obtained from the *Agricultural Statistics Yearbook*, the *Fisheries Statistical Yearbook*, and the *Food Supply and Utilization Yearbook* all published by Council of Agriculture, Executive Yuan. Data on agricultural employees are from the *Yearbook of Manpower Survey Statistics, Taiwan Area, R.O.C.* published by Directorate-General of Budget, Accounting and Statistics, Executive Yuan. The data of this chapter do not include Kinmen County and Lienchiang County.

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

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

Table 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					
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 r	92.7	93.0	91.7	93.5	84.8	96.7	93.6	91.6	90.6	93.9
2009	91.0	93.9	99.3	101.3	91.6	94.1	90.6	93.1	86.2	97.5

**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
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	93.2	92.6	93.7	91.4	86.5	78.9	86.2	103.7
64.4	40.1	81.5	92.8	92.1	93.5	83.2	81.1	82.0	82.5	86.7

Table 107. Quantity of major

Item	2000 <sup>r</sup>	2001	2002	2003
Crop production				
Paddy rice	1 906 057	1 723 895	1 803 187	1 648 275
Coarse grain				
Feed corn	72 671	59 223	60 230	53 134
Food corn	105 646	106 772	128 685	114 775
Sweet potato	197 840	188 716	191 448	199 800
Peanut	79 128	56 087	77 455	73 462
Sorghum	26 456	21 652	17 918	17 542
Adzuki bean	6 946	4 235	7 270	7 389
Soybean	294	328	368	341
Special crops				
Sugar-cane (refined)	2 893 762	2 180 288	1 973 051	1 695 679
Sugar-cane (fresh)	124 966	122 701	122 680	108 623
Tea	20 349	19 837	20 345	20 675
Tobacco	11 510	9 215	7 578	5 243
Sesame	629	615	531	594
Vegetables				
Radishes	138 116	121 031	141 282	120 704
Scallion	118 705	119 805	137 384	132 672
Garlic bulb	62 418	54 103	49 071	46 765
Water bamboo	34 753	48 304	36 097	42 130
Bamboo shoot	336 827	322 959	340 570	345 107
Cabbage	346 867	349 719	359 053	299 409
Watermelon	354 856	330 082	434 289	335 919
Cantaloupe	90 074	87 068	103 702	85 485
Mildew				
Mushroom	4 315	4 933	5 217	4 883
Shiitake	3 879	4 866	4 545	4 537
Fruits				
Banana	198 454	204 724	226 521	223 061
Pineapple	357 535	388 691	416 280	447 807
Ponkan	114 707	111 919	105 715	105 370
Wentan pomelo	59 577	67 551	74 480	88 575
Liucheng	126 629	135 639	142 681	204 575
Longan	82 653	110 202	110 925	134 583
Mango	210 690	212 875	213 366	220 513

**agricultural production**

Metric tons

2004	2005	2006	2007	2008	2009
1 433 611	1 467 138	1 558 048	1 363 458	1 457 175	1 578 169
45 631	41 820	37 358	33 885	37 290	45 981
98 666	91 653	91 075	84 985	80 807	87 579
175 421	213 991	235 203	200 087	212 816	229 038
68 302	53 948	71 561	51 885	55 075	56 941
12 826	8 325	4 732	4 895	2 532	719
6 458	4 850	7 831	6 056	7 013	8 550
280	213	187	147	141	220
1 129 385	875 458	651 041	720 874	707 102	613 228
65 661	64 754	63 216	60 043	58 400	51 044
20 192	18 803	19 345	17 502	17 384	16 780
5 490	2 743	2 193	1 672	1 725	1 928
458	451	571	313	408	948
125 879	132 390	116 416	110 856	118 720	101 585
125 707	91 696	102 577	97 920	95 124	111 347
58 054	55 622	43 843	43 840	54 508	49 600
42 136	45 801	46 265	44 291	46 295	46 169
310 300	232 856	313 356	291 709	255 046	251 994
319 671	316 115	355 072	318 717	348 818	346 297
314 945	212 488	236 322	220 773	203 275	217 619
78 797	60 307	73 727	50 702	48 423	40 421
5 643	5 117	4 663	4 304	3 951	3 898
4 823	4 526	4 643	4 184	4 233	4 012
189 900	148 715	214 277	241 729	207 702	172 550
458 499	439 872	491 588	476 811	452 060	434 769
107 143	93 207	110 645	89 727	100 689	98 179
87 362	69 830	73 571	63 711	68 061	70 150
211 409	193 847	228 225	192 910	254 125	231 549
102 337	102 790	102 693	108 612	101 909	82 602
182 196	149 996	191 332	215 292	176 716	140 290

Table 107. Quantity of major

Item	2000 <sup>r</sup>	2001 <sup>r</sup>	2002	2003
Betel nut	166 976	165 076	162 253	159 584
Guava	158 268	185 491	203 581	198 408
Wax apple	67 893	94 034	95 134	92 658
Grape	91 514	85 018	84 972	92 122
Plum	41 951	34 852	34 419	34 724
Japanese apricot	63 317	55 956	45 218	53 874
Lichee	89 405	79 156	81 004	104 186
Pear	113 567	100 565	122 957	122 138
Papaya	138 601	142 207	144 572	144 559
Sugar apple	36 520	42 680	55 340	48 339
Forestry				
Timber (M <sup>3</sup> )	26 790	34 080	35 328	41 147
Saw-timber	21 134	26 401	31 074	26 098
Firewood	4 760	5 953	3 957	14 995
Tree top wood	896	1 727	297	55
Bamboo (1 000 pieces)	1 550	594	868	665
Fishery				
Deep-sea fishery	886 859	795 622	823 534	877 663
Inshore fishery	169 520	158 969	185 030	192 681
Coastal fishery	44 016	48 923	49 251	63 430
Mariculture	28 282	26 763	28 729	34 386
Inland water fishing	557	609	608	475
Inland water culture	228 117	286 018	317 939	330 348
Livestock				
Cattle (Carcass weight)	4 901	5 057	5 303	5 523
Hogs (Carcass weight)	920 603	961 948	935 354	892 835
Goats (Carcass weight)	3 614	3 176	2 987	2 900
Chicken (Carcass weight)	631 142	606 019	609 344	596 584
Duck (Carcass weight)	64 504	60 728	58 561	58 607
Geese (Carcass weight)	25 850	25 161	24 558	25 447
Cow milk	358 049	345 970	357 804	354 421
Honey	5 839	2 759	3 230	5 935
Hen egg (1 000 pieces)	7 270 033	7 325 125	7 069 644	7 018 647
Duck egg (1 000 pieces)	478 452	481 789	472 326	477 041



**agricultural production(continued)**

Metric tons

2004	2005	2006	2007	2008	2009
143 368	138 095	141 563	134 497	144 195	142 636
184 738	137 166	170 169	131 703	141 065	135 303
68 687	84 991	69 234	82 223	63 902	43 693
97 884	71 105	102 291	90 081	84 656	98 091
35 321	29 202	26 297	25 830	23 001	22 899
57 009	45 937	48 001	37 834	35 812	46 890
82 107	70 537	84 652	99 721	79 565	95 440
124 873	113 183	126 628	150 429	138 381	153 450
133 620	88 475	129 283	92 914	94 359	82 878
89 189	75 554	85 005	78 830	67 749	70 370
40 041	44 116	36 233	35 161	31 231	27 891
30 372	31 389	26 979	26 441	25 135	25 176
9 642	12 675	9 224	7 186	6 059	2 624
27	53	31	1 533	37	90
574	673	544	825	2 430	3 251
677 703	752 118	757 896	984 510	828 427	614 614
196 820	200 730	154 015	134 619	132 594	145 596
56 070	52 779	54 226	54 110	47 366	45 732
28 094	34 746	34 411	34 888	37 765	26 760
255	207	155	241	198	132
299 066	272 270	281 575	289 829	292 940	254 980
5 120	6 048	5 626	5 480	5 683	6 099
898 208	911 449	930 609	913 824	861 836	857 155
2 781	3 234	3 896	3 548	3 183	3 000
600 905	555 340	565 779	549 450	522 821	542 191
61 218	71 483	74 809	77 656	68 770	63 318
25 998	23 508	24 742	21 628	18 962	16 915
322 660	303 496	323 165	322 220	315 559	321 781
4 987	6 327	4 978	3 220	7 219	5 367
6 998 992	6 452 885	6 620 415	6 659 584	6 469 671	6 431 571
417 126	487 549	466 232	507 328	483 878	442 355

Table 108. Value of major

Item	2000	2001	2002	2003
Total farm production	363 791 073	352 689 979	350 477 906	357 884 755
Crop production	165 214 487	160 758 570	151 853 269	147 274 670
Paddy rice	34 669 549	32 828 360	32 018 299	28 341 530
Coarse grain	9 050 449	7 369 671	8 081 184	7 530 270
Feed corn	1 090 080	888 344	875 677	772 511
Food corn	1 679 724	1 697 678	1 415 538	1 216 619
Sweet potato	1 899 235	1 792 806	1 749 834	1 618 381
Peanuts	3 600 279	2 366 889	3 330 545	3 276 397
Sorghum	370 384	303 123	250 857	245 589
Adzuki bean	334 103	245 606	392 570	329 547
Soybeans	7 375	8 200	9 210	8 527
Special crop	13 105 367	10 814 536	8 813 297	7 570 335
Sugar-cane (refined)	4 147 792	2 579 280	1 644 143	1 205 967
Sugar-cane (fresh)	1 349 622	1 349 716	1 042 779	766 880
Tea	3 675 029	3 570 596	3 051 794	2 997 869
Tobacco	2 215 482	1 770 788	1 471 071	871 664
Sesame	88 437	86 610	69 047	81 230
Vegetables	38 568 050	36 762 852	35 323 408	34 643 006
Radishes	1 298 309	1 186 108	1 130 256	805 093
Scallion	1 519 437	1 557 459	1 511 228	1 724 735
Garlic bulb	2 309 836	1 839 499	1 717 476	1 777 085
Water-bamboo	955 763	1 294 546	909 642	1 137 506
Bamboo shoot	3 570 356	3 520 248	3 405 703	3 278 519
Cabbage	2 428 076	2 378 087	1 938 884	1 946 159
Watermelon	4 506 671	4 291 062	4 560 040	3 359 187
Cantaloupe	2 125 746	2 080 926	1 866 630	1 957 596
Mildew	2 513 257	3 128 311	2 875 604	2 777 719
Mushroom	145 847	160 334	148 674	146 504
Shiitake	2 367 410	2 967 977	2 726 929	2 631 216
Fruits	57 787 587	58 109 261	53 907 643	55 232 236
Banana	2 480 688	2 456 687	2 491 734	2 027 628
Pineapple	4 755 216	5 052 978	5 619 784	6 654 407
Ponkan	2 179 433	2 182 427	1 902 869	1 791 283
Wentan pomelo	1 394 078	1 513 146	1 191 677	1 284 345
Liucheng	1 620 877	1 695 489	1 498 148	2 045 746
Longan	1 983 648	2 259 139	2 163 039	2 355 206
Mango	4 635 224	4 640 673	4 480 693	4 961 546

**agricultural production**

Thousands of N.T. Dollars

2004	2005	2006	2007	2008 <sup>r</sup>	2009
386 444 326	382 726 113	376 993 825	388 294 769	417 500 509	407 169 198
162 300 578	162 630 935	172 691 533	168 368 459	179 108 002	178 817 249
27 510 620	28 139 682	29 379 921	26 091 341	31 362 747	33 775 015
7 778 155	7 458 138	7 998 832	6 274 954	7 307 213	7 566 855
684 460	627 307	560 363	508 274	559 343	689 718
1 134 660	1 201 570	1 133 884	1 110 750	1 171 698	1 138 524
2 368 183	2 599 989	2 441 407	2 000 871	2 553 790	2 336 188
2 971 116	2 478 388	3 324 721	2 101 358	2 464 073	2 762 760
179 570	116 553	66 252	68 525	35 442	10 073
374 576	371 663	411 847	426 942	460 430	567 899
7 011	5 328	4 672	3 687	3 517	5 489
7 116 479	7 420 437	8 117 544	7 879 550	8 284 282	8 416 737
923 837	655 805	576 237	554 713	546 763	585 018
543 014	674 735	677 675	531 977	501 659	476 754
3 028 748	3 760 540	4 352 679	4 499 869	4 844 785	4 906 438
911 272	455 254	370 599	299 736	321 918	378 684
65 641	67 901	87 654	53 449	81 771	168 784
40 728 442	42 625 447	44 027 684	46 971 791	48 514 048	47 568 073
887 448	979 684	841 687	942 273	949 756	731 414
2 338 144	4 749 871	4 256 938	3 720 957	4 044 663	2 895 013
1 792 128	1 529 610	1 972 940	2 126 233	2 111 081	2 231 998
1 295 269	1 488 546	1 427 278	1 660 924	1 851 783	1 823 683
3 258 146	3 213 410	4 230 301	5 950 859	6 223 127	6 904 640
2 557 365	2 845 032	3 082 021	3 489 946	3 374 816	3 289 823
3 306 918	2 443 611	2 481 386	2 649 278	2 540 941	2 437 337
2 250 429	1 728 389	1 913 219	1 368 948	1 346 172	1 131 789
2 986 614	2 857 846	2 980 841	3 191 408	3 662 672	3 542 048
253 934	276 326	264 410	279 738	276 568	292 353
2 732 679	2 581 519	2 716 432	2 911 670	3 386 104	3 249 695
63 654 193	62 300 900	67 665 646	65 595 349	68 146 840	65 707 329
3 015 618	3 271 740	3 749 844	3 299 602	4 536 205	4 400 020
7 730 286	7 697 767	8 356 999	6 675 357	6 498 808	6 238 070
2 222 145	2 003 960	2 268 213	2 023 342	2 114 469	2 061 756
1 498 255	1 850 496	1 986 418	1 857 819	1 633 471	1 936 130
2 008 388	1 977 240	2 168 139	2 015 906	2 287 126	2 315 485
2 687 361	2 816 447	2 875 406	2 769 603	3 169 370	2 663 917
5 903 157	6 074 843	6 400 061	6 792 447	6 626 867	5 064 466

Table 108. Value of major

Item	2000	2001	2002	2003
Betel nuts	13 775 438	13 206 057	12 168 968	12 926 283
Guava	2 184 112	2 318 641	1 995 089	1 785 668
Wax apple	1 683 746	2 238 010	1 950 244	2 038 477
Grape	2 534 993	2 380 484	2 396 205	2 505 728
Plum	910 358	784 162	653 961	590 314
Japanese apricot	2 520 017	2 042 405	1 130 448	1 077 480
Lichee	1 466 209	1 424 801	1 417 568	1 719 070
Pear	3 656 890	3 318 648	3 442 795	3 236 646
Papaya	2 051 295	2 062 004	1 518 009	1 156 470
Sugar apple	1 322 024	1 536 496	1 687 870	1 426 013
Forestry	268 820	597 494	862 545	579 935
Timber	82 863	107 238	146 377	99 768
Saw-timber	74 647	96 031	140 223	78 091
Firewood	6 854	8 573	5 698	21 593
Tree top wood	1 362	2 635	456	84
Bamboo	11 626	4 455	6 510	4 984
Fishery	90 728 516	90 128 416	92 562 606	97 437 860
Deep-sea fishery	47 179 642	46 659 957	45 745 524	47 201 835
Inshore fishery	13 065 601	12 193 237	12 385 929	12 628 769
Coastal fishery	4 544 135	4 315 518	4 551 036	5 935 759
Mariculture	3 550 237	3 343 174	3 611 131	4 343 792
Inland water fishing	26 200	30 202	29 929	29 545
Inland water aquaculture	22 362 701	23 586 328	26 239 057	27 298 160
Livestock	107 579 249	101 205 499	105 199 486	112 592 290
Cattle	847 775	714 835	918 814	1 329 068
Hogs	52 033 624	46 255 141	49 227 946	57 487 739
Goats, sheep	1 050 317	799 200	919 004	995 632
Chicken	26 655 579	27 271 501	27 678 882	25 033 246
Duck	2 814 437	2 928 077	3 219 518	2 897 276
Geese	1 755 355	1 668 041	1 784 572	1 877 289
Cow milk	7 621 431	7 389 567	7 581 869	7 534 983
Honey	700 680	331 038	484 566	741 863
Hen egg	10 396 147	10 233 200	9 713 691	11 180 705
Duck egg	1 143 500	1 190 019	1 232 771	1 258 196

**agricultural production (continued)**

Thousands of N.T. Dollars

2004	2005	2006	2007	2008	2009
11 512 433	10 080 945	9 838 625	8 599 766	8 651 698	8 387 007
2 032 113	2 098 646	2 416 396	2 225 783	2 778 974	2 739 882
2 094 944	2 702 705	2 270 869	2 664 019	2 492 179	1 802 354
2 956 107	2 538 435	3 833 885	3 738 353	3 809 507	4 311 093
661 555	598 640	512 783	542 430	690 034	572 463
1 225 701	813 996	904 343	818 730	799 320	761 501
2 221 825	2 274 826	2 581 886	2 941 758	2 896 173	3 113 723
4 058 360	3 904 824	4 033 099	4 700 904	4 822 569	5 079 179
1 536 628	1 486 386	2 094 379	1 951 197	2 358 977	2 187 968
2 809 450	2 531 049	2 720 159	2 916 713	2 879 343	2 885 177
523 844	614 203	518 773	492 622	445 114	416 165
123 024	175 359	227 971	104 457	109 667	90 733
108 046	155 110	213 967	90 830	100 653	86 923
14 937	20 168	13 957	11 262	8 956	3 665
41	81	47	2 364	59	145
4 363	5 247	4 241	6 514	19 925	26 336
98 700 494	92 811 267	85 658 209	94 743 630	91 843 193	85 901 383
46 983 079	43 602 060	41 419 202	47 818 387	43 706 858	39 926 218
13 397 416	12 634 600	9 679 224	8 612 292	9 376 801	10 738 745
6 747 529	5 295 572	5 931 433	5 478 128	5 069 824	5 325 900
3 326 110	3 980 526	4 063 897	4 587 107	4 300 366	2 802 461
14 960	13 538	7 709	14 838	16 123	7 887
28 231 400	27 284 971	24 556 743	28 232 877	29 373 221	27 100 173
124 919 410	126 669 708	118 125 310	124 690 058	146 104 200	142 034 401
1 413 148	1 688 140	1 574 074	1 597 305	1 398 365	1 457 356
64 366 131	58 811 138	55 476 552	57 003 312	68 596 020	65 897 983
1 211 393	1 239 851	1 162 570	836 828	875 185	838 216
29 771 472	34 014 012	30 508 520	32 825 003	37 727 084	36 900 515
3 520 105	5 090 467	4 691 446	5 082 438	5 470 791	5 281 557
2 367 641	2 037 340	1 870 766	1 903 568	2 201 904	1 920 401
6 446 753	6 030 475	6 637 805	7 024 399	7 121 227	7 304 434
623 378	822 464	647 088	418 661	613 615	456 195
11 618 327	13 099 355	12 174 944	14 184 915	18 179 776	18 329 978
1 259 721	1 452 895	1 193 555	1 567 644	1 804 865	1 627 866

**Table 109. Production and consumption**

Item	2000	2001	2002	2003
Production, total	1 358 166	1 381 364	1 260 753	1 209 519
Calcium superphosphate	261 400	258 121	201 319	184 361
Ammonium sulphate	448 441	447 712	435 115	316 194
Urea	-	-	-	-
Potassium chloride	-	-	-	-
Calcium ammonium nitrate	14 848	14 261	13 000	2 000
Combined fertilizers	545 271	575 904	527 253	604 547
Others	88 206	85 366	84 066	102 417
Consumption, total	1 257 699	1 294 910	1 248 294	1 143 355
Calcium superphosphate	137 792	164 316	143 076	135 470
Ammonium sulphate	334 657	341 877	323 116	186 731
Urea	178 367	128 509	127 158	112 438
Potassium chloride	61 621	58 300	50 775	38 702
Calcium ammonium nitrate	17 197	17 300	17 684	6 630
Combined fertilizers	518 813	570 688	565 892	624 439
Others	9 252	13 920	20 593	38 945

**Table 110. Farm**

Item	2000	2001	2002	2003
Power tiller	55 901	53 988	50 495	49 864
Tractor	14 592	14 288	14 357	14 857
Power rice trans-planter	27 269	25 019	23 361	23 497
Power cultivated for paddy	33 317	39 040	34 493	35 056
Power grass cutter	48 295	46 945	50 919	50 434
Power sprayers	78 482	79 788	84 140	85 725
High quality power sprayers	26 745	26 874	26 364	26 713
Water pump	103 920	102 317	98 167	105 533
Rice combiner	11 138	10 121	9 768	9 526
Corn thresher	1 721	1 292	1 242	1 052
Tractor mounted seeder	716	775	700	737
Power tiller mounted seeder	2 161	2 300	2 008	1 919
Power agronomic transporter	47 473	42 531	41 880	40 987
Power tea harvester	5 255	6 314	4 807	5 839
Tobacco drier	5 154	3 008	3 119	3 532
Rice drier	36 563	33 673	31 942	31 077
Corn drier	1 264	937	840	834

**of chemical fertilizers**

Metric tons

2004	2005	2006	2007	2008	2009
1 382 480	1 405 632	1 443 570	1 416 520	1 426 451	1 240 920
165 036	169 934	200 885	186 290	264 616	75 660
527 278	531 237	493 177	496 472	456 271	445 372
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
610 114	625 743	648 804	629 109	589 092	643 528
80 052	78 718	100 704	104 649	116 472	76 360
1 195 465	1 141 483	1 159 310	1 137 444	1 013 714	1 008 493
117 192	105 458	120 807	113 453	85 924	76 868
232 652	240 192	218 215	226 243	185 123	195 301
113 914	84 968	81 093	78 358	77 478	75 636
43 180	29 833	31 842	30 969	27 629	30 244
6 836	6 360	8 606	6 691	2 591	1 019
646 088	636 019	677 338	659 178	627 140	618 275
35 603	38 653	21 409	22 552	7 829	11 150

**machine**

Number

2004	2005	2006	2007	2008 <sup>r</sup>	2009
46 547	44 321	42 770	40 997	33 379	31 773
14 738	15 043	15 778	15 624	15 444	15 231
21 724	19 488	19 174	17 683	15 166	14 619
42 839	33 879	33 853	33 250	32 029	27 853
49 373	48 570	48 864	47 353	47 225	41 370
79 329	82 622	78 674	76 043	73 587	69 380
29 422	25 260	25 671	26 419	25 784	23 734
94 084	102 167	90 531	90 635	83 822	70 747
8 974	8 401	9 422	8 030	7 190	6 547
1 057	980	1 534	1 032	648	379
717	748	813	890	725	689
1 787	1 897	1 978	1 784	1 339	761
40 607	38 621	38 537	39 037	38 353	35 196
5 859	6 105	5 733	4 332	4 343	3 850
2 989	2 296	3 344	2 743	1 333	2 945
28 177	25 729	26 127	26 211	18 520	12 939
1 122	1 138	878	948	910	910

Table 111. Agricultural household,

Item	2000	2001	2002	2003
Number of farm households				
By degree of engagement	721 161	745 812	748 317	755 454
Full-time	129 449	148 245	164 414	207 739
Part-time	591 712	597 567	583 903	547 715
Full-owner farmers	601 922	611 382	613 269	642 648
Part-owner farmers	72 885	89 974	88 812	75 580
Tenants	42 166	39 674	41 533	32 168
Non-tilling farmers	4 188	4 782	4 703	5 057
Farm household population	3 669 166	3 782 682	3 782 489	3 528 331
Number of fishery households	134 561	130 628	134 059	132 238
Deep-sea	7 689	7 291	7 141	5 477
Inshore	31 095	29 281	34 144	31 456
Coastal	52 456	54 776	53 291	51 202
Mariculture	5 778	5 439	5 498	4 206
Inland water fishing	1 469	615	2 538	4 216
Inland water culture	36 074	33 226	31 447	35 681
Fishery household population	451 852	454 832	466 569	494 871
Deep-sea	23 802	21 967	21 464	20 884
Inshore	103 176	99 135	114 876	109 646
Coastal	174 946	187 662	182 643	205 729
Mariculture	23 852	22 875	23 458	22 095
Inland water fishing	4 168	2 489	4 498	7 190
Inland water culture	121 908	120 704	119 630	129 327
Agricultural employed population (1 000 persons)	740	706	709	696
Farming and hunting	669	648	646	629
Forestry	6	5	5	5
Fishery	65	52	59	62



**population and employment**

Numbers

2004	2005	2006	2007	2008 <sup>r</sup>	2009
759 716	767 316	756 366	751 338	748 276	744 147
186 869	166 056	166 439	161 817	162 880	163 239
572 847	601 260	589 927	589 521	585 396	580 908
643 731	671 740	655 830	648 813	644 901	631 880
80 992	52 517	60 211	74 789	70 777	80 359
30 037	39 074	36 412	23 835	28 668	27 977
4 956	3 985	3 913	3 901	3 930	3 931
3 392 676	3 400 036	3 232 592	3 050 483	3 027 627	2 983 560
132 832	131 020	125 328	123 807	132 648	130 231
5 568	5 767	5 898	5 896	5 498	5 367
31 075	31 569	28 119	27 313	28 476	25 246
52 376	52 892	51 996	50 009	61 754	60 099
6 334	6 790	5 812	5 992	5 481	5 724
4 038	2 287	2 461	3 664	3 683	4 170
33 441	31 715	31 042	30 933	27 756	29 625
457 040	445 693	421 253	415 706	396 147	402 695
19 527	20 972	21 369	21 356	20 629	20 034
105 562	102 077	89 796	83 429	84 192	75 179
184 037	176 713	176 029	175 379	180 262	187 593
23 590	25 711	22 834	22 281	22 912	23 191
6 722	7 201	6 842	6 869	6 881	7 239
117 602	113 019	104 383	106 392	81 271	89 459
642	591	555	543	535	543
588	535	500	497	478	484
4	5	5	5	5	5
50	51	50	41	52	54

Table 112. Available

Item	1997 <sup>r</sup>	1998 <sup>r</sup>	1999 <sup>r</sup>	2000 <sup>r</sup>	2001 <sup>r</sup>
Domestic production					
Cereals	1 999.8	1 716.4	1 738.3	1 693.3	1 531.9
Starchy roots	263.1	229.8	260.4	248.7	232.6
Sugars & honey	374.7	334.9	298.9	281.1	202.8
Pulses & oilseeds	101.5	80.4	77.0	88.1	62.2
Vegetables	2 554.8	2 430.9	2 949.2	2 738.2	2 572.6
Fruits	3 151.3	2 864.2	3 182.3	2 900.0	2 982.5
Meat	1 823.8	1 667.3	1 593.9	1 695.0	1 708.4
Eggs	427.9	430.2	434.5	433.8	437.1
Fish & see food	1 331.2	1 364.1	1 379.8	1 364.3	1 318.9
Milk	363.4	371.3	370.1	388.1	371.5
Oils & fats	433.1	356.2	347.3	363.2	356.1
Wine & beer (1 000 H.L.)	6 071.8	6 426.8	6 488.5	6 417.7	6 423.5
Domestic supply					
Cereals	8 896.4	8 072.4	7 932.3	8 080.3	8 000.1
Starchy roots	1 783.2	1 652.6	1 732.2	1 810.1	1 639.0
Sugars & honey	527.7	534.3	551.3	633.8	572.2
Pulses & oilseeds	2 887.8	2 373.2	2 349.7	2 434.4	2 353.0
Vegetables	2 620.3	2 547.4	3 042.0	2 846.4	2 734.4
Fruits	3 598.6	3 282.1	3 626.8	3 357.5	3 328.2
Meat	1 818.5	1 841.4	1 833.2	1 877.5	1 838.7
Eggs	427.7	430.0	434.7	433.9	437.3
Fish & sea food	1 061.9	977.6	1 077.4	1 005.3	898.5
Milk	509.3	509.1	508.2	525.9	507.7
Oils & fats	704.5	626.7	714.0	681.6	649.7
Wine & beer (1 000 H.L.)	8 013.8	8 223.3	7 694.6	7 578.7	7 484.0
Per capita daily nutrient availability					
Energy (Kcal.)	3 135.2	2 973.6	3 048.2	3 021.9	2 880.1
Protein (Gm.)	101.8	95.9	98.0	96.7	92.4
Fat (Gm.)	131.0	121.0	127.1	123.7	117.2

**food supplies**

1 000 metric tons

2002 <sup>r</sup>	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008
1 604.6	1 467.9	1 273.6	1 284.8	1 350.7	1 180.6	1 259.7
251.8	273.3	233.6	267.5	303.1	264.1	291.8
186.2	166.8	116.2	86.1	63.1	70.1	69.5
86.3	82.6	76.3	60.2	80.9	59.7	63.6
2 852.3	2 608.7	2 626.1	2 327.6	2 499.9	2 267.6	2 329.6
3 235.7	3 249.5	3 094.5	2 601.9	3 031.4	2 888.6	2 773.6
1 680.2	1 623.3	1 635.7	1 613.0	1 647.4	1 612.7	1 519.4
422.3	419.7	414.9	389.0	396.9	401.7	389.7
1 407.8	1 501.5	1 291.2	1 327.5	1 292.1	1 504.6	1 355.9
380.9	376.0	344.5	324.7	341.7	340.0	333.4
380.0	388.5	350.5	384.8	402.2	410.6	360.2
4 121.5	4 050.9	4 230.9	4 262.1	4 471.4	4 432.8	4 198.4
7 863.5	7 834.0	7 759.2	7 840.9	7 934.2	7 648.8	7 217.5
1 446.0	1 542.9	1 660.4	1 592.2	1 742.8	1 689.7	1 757.6
547.5	603.8	555.8	595.2	554.8	551.4	559.9
2 559.4	2 636.4	2 345.2	2 603.5	2 597.5	2 649.1	2 303.7
3 039.0	2 821.8	2 835.8	2 632.7	2 804.1	2 639.3	2 632.3
3 648.7	3 583.9	3 478.6	3 105.3	3 442.6	3 268.1	3 193.5
1 860.5	1 856.4	1 892.5	1 875.6	1 926.8	1 825.9	1 783.7
422.5	419.8	414.4	388.9	397.0	401.2	388.8
923.5	1 021.7	827.6	780.3	734.3	942.4	895.1
527.9	517.2	489.0	460.7	480.0	470.5	438.5
682.3	696.0	694.1	764.7	716.0	728.8	654.7
5 476.2	5 478.9	5 400.8	5 120.1	5 916.4	5 805.0	5 623.7
2 934.7	2 976.8	2 891.6	2 949.4	2 900.2	2 876.1	2 672.6
95.3	96.5	92.1	91.5	92.0	92.4	84.8
124.5	124.9	120.1	126.7	121.0	121.5	110.0

Table 113. Cultivated, forest and aquaculture land areas

Hectares

End of Year	Cultivated land <sup>1</sup>					Forest land area	aquaculture area <sup>2</sup>
	Total	Paddy field			Upland field		
		Sub-total	Double-cropping	Single-cropping			
1980 r	907 353	509 326	360 505	148 821	398 027	1 865 141	45 225
1981 r	900 062	502 822	354 036	148 786	397 240	1 865 141	44 600
1982 r	890 830	501 644	363 286	138 358	389 186	1 865 141	46 490
1983 r	894 326	500 901	352 818	148 083	393 425	1 865 141	48 666
1984 r	891 655	496 897	347 804	149 093	394 758	1 865 141	47 988
1985 r	887 660	494 535	346 362	148 173	393 125	1 865 141	48 002
1986 r	887 451	494 579	346 342	148 237	392 872	1 865 141	50 393
1987 r	886 281	487 809	345 281	142 528	398 472	1 865 141	52 668
1988 r	894 974	483 514	344 084	139 430	411 460	1 865 141	53 576
1989 r	894 601	479 954	340 359	139 595	414 647	1 865 141	54 957
1990 r	890 090	476 997	340 954	136 043	413 093	1 865 141	58 345
1991 r	884 443	472 759	333 448	139 311	411 684	1 846 970	58 325
1992 r	875 951	465 016	328 152	136 864	410 935	1 846 970	58 286
1993	874 535	463 560	329 660	133 900	410 975	1 866 208	56 526
1994	872 307	461 226	329 227	131 999	411 081	2 102 312	55 178
1995	873 378	459 335	329 106	130 229	414 043	2 102 312	55 868
1996 r	872 159	456 167	328 134	128 034	415 992	2 101 719	52 217
1997	864 817	454 865	324 867	129 998	409 952	2 101 719	48 501
1998	858 756	450 616	322 973	127 643	408 139	2 101 719	49 087
1999 r	855 072	444 456	321 139	123 317	410 616	2 101 719	48 211
2000 r	851 495	442 005	317 495	124 510	409 489	2 101 719	47 882
2001 r	848 743	438 974	315 544	123 430	409 769	2 101 719	45 153
2002 r	847 334	435 369	314 116	121 253	411 965	2 101 719	44 667
2003 r	844 097	432 949	319 021	113 928	411 148	2 101 719	45 562
2004 r	835 507	427 592	328 713	98 879	407 915	2 101 719	42 334
2005	833 176	425 667	328 836	96 831	407 510	2 101 719	41 718
2006 r	829 527	423 721	328 473	95 248	405 806	2 101 719	43 163
2007 r	825 947	422 177	327 552	94 625	403 769	2 101 719	41 574
2008	822 364	420 580	327 728	92 851	401 784	2 101 719	43 255
2009	815 462	415 776	329 592	86 184	399 686	2 101 719	41 013

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

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

## INDUSTRY

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

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

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

Table 114. Indexes of

2006 = 100

Items	1997	1998	1999	2000	2001
General	66.22	68.47	73.51	78.44	71.84
Mining & quarrying	150.69	141.44	130.09	119.10	119.99
Crude petroleum & natural gas extraction	185.76	187.40	184.38	160.83	183.28
Sand, stone & clay quarrying	126.06	130.69	112.74	106.86	97.22
Other mining & quarrying	58.93	44.93	52.55	52.51	61.04
Manufacturing	64.46	66.51	71.69	77.31	70.34
Food	111.95	103.63	102.30	107.00	107.05
Beverages	127.54	129.84	134.11	130.69	130.02
Tobacco	167.14	153.94	140.21	129.91	137.07
Textile mills	129.23	133.91	139.37	140.92	124.82
Wearing apparel & clothing accessories	282.46	285.81	270.97	240.90	183.88
Leather, fur & related products	195.93	168.76	157.46	147.27	115.05
Wood & bamboo products	210.07	193.02	182.13	167.54	154.14
Pulp, paper & paper products	91.12	91.37	94.64	96.89	88.54
Printing & reproduction of recorded media	62.06	70.10	69.17	73.81	72.15
Petroleum & coal products	48.67	50.65	54.99	58.37	66.67
Chemical material	60.35	61.99	67.94	72.47	78.13
Chemical products	91.33	90.24	93.72	96.15	85.41
Medical goods	87.52	90.26	93.75	95.42	92.20
Rubber products	98.90	94.74	93.46	90.55	81.65
Plastic products	113.13	106.92	114.54	115.12	105.82
Non-metallic mineral products	104.88	102.75	98.87	99.50	91.27
Basic metal	76.71	79.24	85.25	88.21	80.01
Fabricated metal products	107.49	106.92	112.16	110.94	94.70
Electronic parts & components	25.21	27.55	33.30	42.99	34.58
Computers, electronic & optical products	56.87	66.65	74.11	85.23	85.72
Electrical equipment	101.20	105.68	124.38	121.38	101.23
Machinery & equipment	74.91	70.86	74.45	79.56	66.28
Motor vehicles & parts	84.89	87.95	80.11	84.72	71.35
Other transport equipment	92.11	89.06	82.91	83.03	71.99
Furniture	180.29	175.20	185.17	191.44	131.13
Manufacturing not elsewhere classified	113.64	104.90	103.58	107.97	94.50
Electricity and gas supply	69.26	74.89	77.34	82.42	83.02
Water supply	78.23	82.47	85.97	98.01	100.16
Buildings construction	111.83	112.45	119.88	102.32	90.87

## industrial production

2002	2003	2004	2005	2006	2007	2008 <sup>r</sup>	2009
77.20	84.22	92.05	95.51	100.00	107.77	105.85	97.30
130.13	120.88	116.20	105.28	100.00	82.96	79.07	72.43
189.06	179.76	165.83	119.47	100.00	89.27	76.72	75.33
110.25	100.00	98.54	100.11	100.00	80.43	79.61	70.99
61.43	68.87	88.55	109.16	100.00	109.31	110.95	112.83
76.62	83.94	92.31	95.69	100.00	108.34	106.65	98.15
104.44	103.08	100.36	101.09	100.00	100.71	98.15	97.48
96.04	99.55	97.28	98.96	100.00	99.14	99.01	106.61
119.54	126.38	100.50	106.17	100.00	105.56	108.30	114.20
121.52	115.79	118.46	103.60	100.00	99.30	87.87	76.53
161.48	143.89	132.37	110.98	100.00	89.42	72.49	56.21
119.75	116.31	118.54	114.07	100.00	88.58	79.30	70.87
129.65	118.82	113.73	102.81	100.00	89.26	78.98	63.80
93.42	102.11	105.67	104.06	100.00	101.45	95.99	88.27
72.82	84.56	95.10	102.67	100.00	99.74	99.32	88.82
75.25	86.96	101.90	106.01	100.00	101.32	92.13	92.01
85.18	92.40	98.56	98.07	100.00	112.04	103.14	109.00
89.91	93.11	101.21	96.48	100.00	101.19	91.87	88.36
88.53	95.53	102.11	100.62	100.00	107.96	109.50	113.97
91.63	98.90	107.34	102.46	100.00	104.40	101.20	85.39
109.63	110.88	113.58	106.99	100.00	99.30	89.98	76.83
95.83	98.40	101.98	101.01	100.00	97.81	90.17	78.19
88.72	92.60	97.63	93.42	100.00	100.46	91.42	79.62
97.87	99.10	102.36	99.05	100.00	98.87	94.06	72.26
42.69	53.32	64.30	81.41	100.00	123.52	134.87	131.92
92.18	98.20	101.01	103.02	100.00	107.89	109.79	94.09
111.12	116.14	118.94	109.29	100.00	92.37	87.35	71.31
71.88	79.82	91.83	95.46	100.00	107.80	100.53	68.63
88.40	101.48	118.06	122.26	100.00	97.49	79.07	78.73
75.04	77.95	95.04	102.96	100.00	107.35	117.18	88.41
109.95	97.73	103.68	100.10	100.00	104.11	96.86	77.87
98.48	100.59	103.41	103.41	100.00	102.56	99.71	89.77
86.99	90.71	93.74	97.72	100.00	102.97	101.11	97.83
94.94	97.00	96.72	97.25	100.00	100.29	98.50	96.26
72.10	78.60	82.36	91.73	100.00	99.52	90.30	73.07

Table 115. Indexes of

2006 = 100

Items	1997	1998	1999	2000	2001
Index of manufacturing production	64.46	66.51	71.69	77.31	70.34
By four industries					
Metal & machinery industry	85.78	85.76	88.36	90.72	78.29
Information & electronic industry	35.81	40.20	47.02	56.59	48.64
Chemistry industry	68.38	68.80	73.35	76.21	77.99
Food, textile & other industry	123.14	120.22	120.96	122.18	111.84
By public or private industries					
Public industry	92.35	93.98	98.14	94.74	93.20
Private industry	62.87	64.93	70.13	76.41	69.02
By heavy or light industries					
Light industry	119.02	115.79	116.80	117.47	106.19
Heavy industry	52.68	55.65	61.49	68.23	62.23
By usage					
Final demand goods	88.11	90.78	94.98	99.05	90.59
Investment goods	73.96	82.12	89.99	94.04	85.29
Capital goods	66.84	76.64	87.06	92.70	85.11
Construction materials	104.96	105.00	100.31	98.49	85.50
Consumer goods	101.65	98.35	98.54	102.63	94.36
Durable goods	92.36	91.01	90.47	96.30	80.87
Non-durable goods	104.44	100.38	100.85	104.38	98.44
Producer goods	54.60	56.39	61.95	68.21	61.86
For mining & Mfg. goods	55.97	57.96	63.82	70.75	62.32
Other producer goods	51.12	50.73	54.03	55.65	65.00
By intensities					
Labor					
High intensity	80.96	81.29	87.71	91.10	77.60
Medium intensity	46.79	51.36	57.52	61.43	55.87
Low intensity	62.48	63.78	67.00	76.33	74.83
Capital					
High intensity	55.45	56.21	58.67	65.14	62.74
Medium intensity	72.22	75.42	84.05	89.23	77.96
Low intensity	102.40	107.62	111.28	113.65	95.87
Energy					
High intensity	72.35	74.42	79.12	83.02	78.62
Medium intensity	62.41	61.29	63.95	67.54	57.41
Low intensity	58.62	62.85	70.04	78.54	72.22
Human capital					
High intensity	41.56	44.82	49.99	57.13	53.65
Medium intensity	85.47	86.86	92.41	96.19	85.63
Low intensity	133.02	126.63	127.53	126.74	110.02
Index of producer's shipments	67.23	68.80	73.13	78.57	71.10
Index of producer's inventory	81.11	89.16	86.27	90.95	96.30



**manufacturing production**

2002	2003	2004	2005	2006	2007	2008	2009
76.62	83.94	92.31	95.69	100.00	108.34	106.65	98.15
85.23	90.45	99.13	98.24	100.00	101.78	94.42	76.43
56.91	66.86	76.42	88.16	100.00	117.66	125.68	119.05
84.53	92.60	101.91	101.02	100.00	106.37	98.44	98.01
107.63	105.98	105.82	102.22	100.00	99.68	93.90	87.35
85.64	93.94	104.66	106.76	100.00	100.35	93.03	92.69
76.31	83.60	91.83	95.26	100.00	108.65	107.17	98.36
104.26	104.82	107.10	103.43	100.00	99.67	94.10	86.36
70.37	79.24	88.99	93.95	100.00	110.28	109.46	100.80
92.99	96.86	102.45	102.46	100.00	101.60	97.40	84.71
88.66	89.49	97.14	97.49	100.00	106.11	103.32	85.13
87.31	89.37	96.31	97.17	100.00	110.46	109.78	89.14
93.17	89.46	99.73	98.47	100.00	92.64	83.32	72.71
96.10	102.02	106.24	106.00	100.00	98.38	93.17	84.40
92.46	108.08	117.89	119.87	100.00	92.40	85.37	69.12
97.00	99.78	102.18	101.17	100.00	100.47	95.89	89.74
69.75	78.51	88.03	92.83	100.00	111.18	110.55	103.82
70.18	78.75	87.61	92.49	100.00	111.36	110.83	103.82
73.91	85.19	100.91	103.16	100.00	105.59	102.11	103.88
83.85	93.02	103.00	101.94	100.00	101.32	97.33	81.26
63.53	70.36	79.98	89.54	100.00	116.23	119.15	116.48
79.82	85.62	91.12	94.29	100.00	109.25	106.54	100.79
69.46	76.59	85.77	91.58	100.00	112.00	111.90	107.48
84.35	92.61	100.78	101.13	100.00	103.88	100.11	85.94
98.63	102.37	106.56	102.75	100.00	96.07	91.33	79.87
85.36	93.17	99.70	97.95	100.00	103.45	95.44	89.88
63.51	71.47	82.16	89.29	100.00	111.04	111.66	102.47
78.10	84.32	92.07	98.03	100.00	111.44	114.63	103.58
60.85	69.39	80.14	90.65	100.00	115.27	119.17	112.66
90.92	97.07	101.87	99.62	100.00	102.60	96.46	85.85
110.66	110.33	111.90	104.11	100.00	100.66	90.68	85.74
76.76	82.62	90.28	95.77	100.00	107.88	105.79	100.75
88.37	89.50	93.27	100.79	100.00	101.05	110.83	103.65

Table 116. Production of major

Items	Unit	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>
Frozen meat & frozen prepared food	M.T.	394 317	371 279	387 198
Prepared animal feeds	M.T.	5 394 522	5 455 667	5 336 389
Wine & liquor (excl. beer)	H.L.	2 507 449	2 482 423	562 252
Fruit & vegetable juice	1 000 L	317 980	334 941	369 307
Carbonated beverage	1 000 L	436 897	442 241	429 455
Man-made fiber spun yarn	M.T.	439 565	360 349	316 039
Cotton fabrics	1 000 M <sup>2</sup>	1 059 629	831 566	793 071
Polyester textured yarn fabrics	1 000 M <sup>2</sup>	2 358 133	1 986 054	1 860 517
Non-woven fabrics	M.T.	154 842	160 404	161 173
Paper board	M.T.	3 233 864	2 590 530	3 235 255
Toilet soap	M.T.	7 822	7 469	6 951
Synthetic detergent	M.T.	86 792	86 922	85 132
Automobile tire	1 000 Pcs.	17 558	16 790	19 179
Sheet glass	M.T.	456 600	375 561	403 302
Ceramic tiles	1 000 M <sup>2</sup>	71 532	47 260	39 598
Cement	M.T.	17 572 303	18 127 570	19 362 884
Steel bloom & billet	M.T.	16 464 730	16 642 706	17 698 119
Re-bar	M.T.	6 737 839	6 283 554	7 274 269
Aluminium & aluminium alloy ingots	M.T.	230 554	203 944	225 264
IC manufacturing	1 000 Pcs.	2 467 386	2 263 407	2 298 908
Printed circuit board	1 000 Ft <sup>2</sup>	449 991	382 152	480 160
Light emitting diode	1 000 Pcs.	2 781 723	1 955 309	5 186 585
Portable computer	Set	13 059 784	14 130 083	14 346 492
LCD displays	Set	2 307 485	5 129 037	4 540 774
Telephone set	Set	4 722 353	1 910 975	1 078 593
Mobile phone	Set	4 761 392	9 654 198	21 887 249
Refrigerator for household use	Set	409 573	420 460	493 565
Washing machine	Set	294 724	261 903	296 805
Electric fan	Set	16 133 897	15 644 262	14 582 878
NC lathe & general lathe	Set	16 126	10 290	12 601
Milling machine	Set	22 748	16 594	12 830
Sawing machine	Set	54 121	34 799	46 204
Press machine	Set	6 473	4 625	6 047
Sewing machines	Set	2 827 001	2 542 874	2 328 861
Passenger car	Set	263 244	197 657	253 482
Truck, bus & commercial van	Set	105 084	69 490	73 863
Engine & parts for motor vehicles	Million NT\$	11 665	10 357	11 773
Bicycle	Set	7 193 194	4 746 535	4 674 604
Wood furniture & fixtures	Million NT\$	19 092	13 139	11 219
Golf equipment	Million NT\$	16 119	13 079	13 079
Toy & doll	Million NT\$	9 147	9 472	8 825

## manufactured goods

2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
379 327	375 761	431 292	438 974	454 385	437 622	464 067
5 311 748	5 188 385	5 218 070	5 182 519	5 108 919	5 164 524	5 228 363
482 489	447 568	397 992	371 752	367 976	361 572	624 624
364 924	349 837	329 010	300 712	307 237	356 260	374 406
436 088	383 264	383 796	344 789	336 520	312 115	341 269
308 790	279 786	237 378	208 341	223 596	185 114	153 436
659 143	650 749	508 877	459 790	417 518	350 019	246 218
1 736 776	1 631 021	1 380 857	1 217 876	1 394 570	1 185 295	1 059 445
162 122	161 325	149 264	153 769	145 622	155 042	148 238
3 403 838	3 554 986	3 377 999	3 350 646	3 406 476	2 909 620	2 775 312
7 530	8 227	6 802	6 555	5 879	5 481	5 863
95 346	111 352	115 504	119 001	123 785	118 521	112 828
22 275	23 451	23 225	22 316	23 592	21 361	19 254
412 100	458 020	483 885	509 359	632 188	577 134	378 534
46 108	52 299	53 085	52 889	49 056	39 380	31 192
18 474 193	19 049 935	19 890 989	19 293 803	18 957 336	17 330 277	15 918 474
18 304 266	18 656 228	17 738 265	19 423 355	19 838 659	19 222 129	15 566 423
6 242 350	6 586 521	6 800 478	7 408 582	6 211 221	5 184 423	4 524 761
224 497	274 653	250 717	250 592	277 886	261 277	188 703
2 492 403	2 832 420	2 988 512	3 267 425	5 033 385	5 577 597	4 376 658
562 183	559 392	641 844	685 488	692 962	716 349	737 594
6 276 806	6 927 494	9 294 939	11 722 524	15 828 203	18 368 286	19 193 492
10 344 208	6 628 142	4 415 887	3 050 526	1 261 776	760 571	378 670
3 968 856	3 421 815	2 280 248	1 412 556	1 225 793	849 432	887 422
1 228 224	1 290 200	927 461	986 421	686 962	514 416	351 778
32 096 558	32 760 058	36 087 891	28 109 709	22 668 964	25 692 606	15 983 453
561 693	595 986	461 005	448 582	462 086	336 321	440 194
312 955	339 553	313 547	307 371	333 960	304 237	344 104
12 868 315	10 985 171	8 547 215	6 901 593	7 114 536	5 267 798	4 393 727
16 970	23 074	24 612	22 543	23 788	22 473	8 644
14 330	15 106	13 672	12 975	12 728	11 305	4 990
53 475	56 721	59 915	55 617	60 046	48 536	22 999
7 199	8 585	6 909	6 978	6 421	4 568	1 937
2 000 906	1 988 263	1 762 614	1 490 264	1 356 491	1 416 372	1 118 353
318 885	345 323	363 562	234 437	213 136	137 559	178 227
70 000	79 639	76 889	66 957	68 759	41 493	46 909
11 871	13 873	13 417	11 549	12 466	12 133	10 699
4 615 954	4 948 505	4 867 944	4 415 365	5 120 452	6 131 659	4 778 880
9 375	9 103	7 989	7 785	7 845	7 457	6 344
13 084	12 403	14 782	11 166	11 589	9 879	6 576
9 083	9 877	8 864	8 314	7 862	6 959	6 177

Table 117.

Items	1998 <sup>r</sup>	1999 <sup>r</sup>	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>
Total supply	91 603	96 834	103 808	108 397	113 566
Indigenous energy	1 553	1 427	1 272	1 365	1 191
Crude oil (Liquids)	54	47	37	41	51
Natural gas (Gas)	781	761	664	755	788
Hydropower (Electricity)	593	483	437	488	267
Solar photovoltaic & wind power	-	-	0	1	1
Solar thermal	70	73	77	81	84
Imported energy	90 050	95 407	102 536	107 033	112 375
Coal & coal products	27 211	30 018	33 056	35 605	37 729
Crude oil & petroleum products	47 066	49 031	52 529	54 941	56 191
L.N.G.	5 108	5 233	5 802	6 209	7 001
Nuclear power	10 664	11 125	11 150	10 277	11 455
Total demand	91 603	96 834	103 808	108 397	113 566
Domestic consumption	80 291	84 645	91 737	97 055	110 495
Energy use	69 046	73 107	79 531	85 882	88 959
Non-energy use	3 762	3 860	3 954	2 597	3 286
By energy form					
Coal & coal products	6 006	5 708	6 479	6 714	7 409
Petroleum products	33 150	35 120	36 605	40 685	41 744
Natural gas	2 499	2 338	2 366	2 261	2 332
Electricity	38 566	41 405	46 210	47 290	48 897
Solar thermal	70	73	77	81	84
Heat	-	-	-	25	28
Exports	2 252	2 518	2 644	4 906	6 846
International marine bunkers	3 383	4 396	3 995	2 886	2 790
Change in stocks	528	925	1 129	4	- 1 474
Transfers	- 2 056	- 3 153	- 3 852	- 3 766	- 4 935
Statistical difference	489	407	404	-225	529
Transformation input	81 130	85 166	91 898	95 895	99 879
Transformation output	80 712	86 620	94 140	98 026	102 702
Loss	2 186	2 243	2 290	2 136	2 269
Consumption per capita (LOE)	3 687	3 856	4 146	4 357	4 487

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

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

2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
121 452	134 840	135 966	138 846	146 116	141 252	138 058
1 165	1 154	1 006	955	959	912	875
46	45	32	24	18	16	16
739	707	487	412	371	318	312
290	307	381	391	422	412	358
2	3	9	27	43	57	76
88	93	98	102	106	110	113
120 287	133 686	134 959	137 891	145 158	140 340	137 183
39 731	43 773	43 541	45 080	47 318	46 187	42 036
61 993	69 404	70 469	71 100	75 249	70 451	71 519
7 301	9 073	9 373	10 164	10 850	11 879	11 589
11 262	11 436	11 576	11 547	11 740	11 824	12 039
121 452	134 840	135 966	138 846	146 116	141 252	138 058
104 372	108 766	111 144	113 739	119 176	115 701	113 085
92 004	96 443	98 269	100 666	105 912	103 919	101 384
3 821	3 508	3 563	3 646	4 044	3 305	3 542
7 556	7 568	7 426	7 958	8 753	8 335	7 701
43 525	45 678	45 751	45 537	48 539	45 981	46 762
2 173	2 306	2 301	2 314	2 416	2 490	2 485
50 996	53 088	55 451	57 662	59 155	58 623	55 729
88	93	98	102	106	110	113
34	34	117	166	207	163	296
11 123	14 784	17 122	16 293	19 307	18 934	20 788
3 430	2 772	2 720	2 683	2 401	2 068	1 831
- 1 809	3 313	724	1 748	-154	830	- 2 280
- 6 250	- 6 481	- 7 418	- 6 506	- 7 785	- 7 489	- 6 388
128	422	- 1 560	-454	79	-157	- 1 041
108 870	118 380	123 817	124 375	126 201	120 773	119 137
113 118	122 286	127 769	128 537	131 105	126 566	122 258
2 206	2 209	2 349	2 493	2 427	2 178	2 407
4 640	4 818	4 906	5 002	5 221	5 051	4 921

Table 118. Construction of building

Thousand M<sup>2</sup>

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

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

## 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, Republic of China*, published by the Department of Statistics, Ministry of Finance. Statistics on international balance of payments are taken from the *Financial statistics Monthly, Republic of China*, which is compiled on a quarterly basis and on an annual basis, and published by Department of Economic Research Central Bank of the Republic of China.

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

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

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

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

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

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

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

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

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

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

Table 119. Value of

End of Year	Exports			Million of NT\$
	Million of NT\$	Million of US\$	Annual change (%)	
1980 r	714 624	19 878	22.9	712 414
1981 r	832 515	22 686	16.5	779 951
1982 r	867 847	22 297	4.2	737 411
1983 r	1 008 790	25 207	16.2	815 050
1984 r	1 209 578	30 580	19.9	872 242
1985 r	1 226 718	30 819	1.4	803 382
1986 r	1 509 630	39 931	23.1	917 546
1987 r	1 710 000	53 754	13.3	1 114 418
1988 r	1 735 138	60 784	1.5	1 424 243
1989 r	1 751 226	66 435	0.9	1 387 023
1990 r	1 808 420	67 425	3.3	1 473 688
1991	2 051 049	76 563	13.4	1 698 335
1992	2 064 353	82 122	0.6	1 825 784
1993	2 261 835	85 957	9.6	2 043 494
1994	2 489 032	94 300	10.0	2 270 895
1995	2 994 173	113 342	20.3	2 755 095
1996	3 221 533	117 581	7.6	2 830 309
1997	3 541 490	124 170	9.9	3 291 194
1998	3 760 473	112 595	6.2	3 522 508
1999	3 986 374	123 733	6.0	3 592 789
2000	4 729 286	151 950	18.6	4 391 226
2001	4 254 285	126 314	- 10.0	3 644 181
2002	4 670 404	135 317	9.8	3 918 415
2003	5 172 958	150 601	10.8	4 409 978
2004	6 097 235	182 370	17.9	5 656 672
2005	6 374 496	198 432	4.5	5 877 163
2006	7 279 318	224 017	14.2	6 604 337
2007	8 087 934	246 677	11.1	7 211 791
2008	8 010 379	255 629	- 1.0	7 551 084
2009	6 708 884	203 675	- 16.2	5 757 178

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

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



**external trade**

Imports		Balance		Exchange rate (US\$ per NT\$)	
Million of US\$	Annual change (%)	Million of NT\$	Million of US\$	Exports	Imports
19 760	33.5	2 210	118	35.95	36.05
21 235	9.5	52 564	1 451	36.70	36.73
18 923	- 5.5	130 436	3 374	38.92	38.97
20 316	10.5	193 740	4 891	40.02	40.12
21 994	7.0	337 336	8 586	39.55	39.66
20 141	- 7.9	423 336	10 678	39.80	39.89
24 195	14.2	592 084	15 736	37.81	37.92
35 001	21.5	595 582	18 753	31.81	31.84
49 713	27.8	310 895	11 071	28.55	28.65
52 314	- 2.6	364 203	14 120	26.36	26.51
54 786	6.2	334 732	12 639	26.82	26.90
63 142	15.2	352 714	13 421	26.79	26.90
72 353	7.5	238 569	9 770	25.14	25.23
77 393	11.9	218 341	8 564	26.31	26.40
85 698	11.1	218 137	8 602	26.39	26.50
104 012	21.3	239 078	9 330	26.42	26.49
102 922	2.7	391 224	14 659	27.40	27.50
114 955	16.3	250 296	9 215	28.52	28.63
105 230	7.0	237 965	7 366	33.40	33.47
111 196	2.0	393 585	12 537	32.22	32.31
140 732	22.2	338 060	11 218	31.12	31.20
107 971	- 17.0	610 104	18 344	33.68	33.75
113 245	7.5	751 989	22 072	34.51	34.60
128 010	12.5	762 980	22 590	34.35	34.45
168 758	28.3	440 563	13 613	33.43	33.52
182 614	3.9	497 333	15 817	32.12	32.18
202 698	12.4	674 981	21 319	32.49	32.58
219 252	9.2	876 143	27 425	32.79	32.89
240 448	4.7	459 295	15 181	31.34	31.40
174 371	- 23.8	951 706	29 304	32.94	33.02

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		
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
2009	92.16	87.17	94.57	87.78	97.45	99.31	98.13	92.80

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
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
2009	0.2	0.9	98.8	14.7	76.0	9.3

Table 122. Exports by

Country or area of region	1995	1996	1997	1998 <sup>r</sup>	1999 <sup>r</sup>	2000
Total	111 658 800	115 942 064	122 080 673	112 595 448	123 733 345	151 949 756
Asia	58 666 022	60 753 894	61 543 747	51 296 513	60 662 273	79 130 927
Hong Kong	26 105 855	26 787 641	28 688 053	25 398 248	26 825 264	32 741 718
Japan	13 156 727	13 658 783	11 691 036	9 438 826	12 042 837	16 887 176
Korea, Rep. of	2 571 771	2 661 602	2 365 903	1 509 573	2 645 415	4 002 304
Singapore	4 404 987	4 573 182	4 894 589	3 359 182	3 946 906	5 637 065
Thailand	3 071 726	2 789 603	2 562 108	2 005 672	2 194 685	2 652 616
Mainland China	376 614	623 379	626 480	914 872	2 602 091	4 391 494
Middle and Near East	2 191 685	2 461 321	2 763 204	2 566 248	2 228 219	2 548 746
Kuwait	90 197	95 618	94 535	80 804	69 006	67 043
Saudi Arabia	449 864	467 522	490 969	418 879	383 191	351 664
Europe	15 725 252	16 944 831	18 415 323	19 800 590	20 452 113	23 903 931
France	1 203 547	1 305 987	1 394 261	1 417 878	1 594 406	1 657 862
Germany	3 839 174	3 644 109	3 690 558	4 107 201	4 098 634	4 936 278
Italy	1 004 060	1 080 322	1 130 375	1 366 136	1 335 511	1 489 871
United Kingdom	2 408 718	2 807 366	3 278 220	3 304 758	3 873 172	4 591 422
Africa	1 631 060	1 551 261	1 528 276	1 464 452	1 300 413	1 332 643
Nigeria	122 964	115 755	132 013	132 454	145 839	137 568
North America	27 838 364	28 265 202	31 150 760	31 552 668	33 100 128	37 479 133
Canada	1 429 521	1 397 373	1 598 162	1 592 365	1 759 948	1 890 128
U.S.A.	26 407 389	26 866 357	29 551 755	29 959 134	31 339 373	35 588 452
Central and South America	2 768 017	2 901 938	3 585 834	3 229 711	2 946 951	3 974 854
Mexico	393 711	470 164	634 645	785 301	907 581	1 253 254
Panama	245 327	177 678	388 838	209 613	143 242	197 508
Brazil	775 494	857 729	912 271	676 389	471 306	781 662
Oceania	2 118 938	2 250 699	2 283 443	2 001 599	2 204 833	2 309 084
Australia	1 755 641	1 836 932	1 872 960	1 640 570	1 854 738	1 839 301
Others	719 462	812 918	810 086	683 667	838 415	1 270 438

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

## regions and principal countries (areas)

Thousands of U.S. Dollars

2001	2002	2003	2004	2005	2006	2007	2008	2009
126 314 288	135 316 743	150 600 472	182 370 384	198 431 651	224 017 271	246 676 931	255 628 690	203 674 648
67 201 034	78 070 207	91 037 474	115 163 062	129 053 484	146 758 727	164 346 202	169 521 279	140 107 525
28 712 715	32 959 608	30 868 284	32 896 214	34 035 551	37 381 238	37 979 705	32 689 899	29 455 233
13 024 452	12 368 037	12 429 909	13 808 010	15 110 778	16 300 328	15 933 592	17 555 991	14 502 259
3 372 790	3 963 639	4 710 279	5 629 770	5 877 373	7 154 199	7 794 043	8 705 814	7 302 546
4 220 861	4 622 938	5 274 598	6 747 337	8 042 240	9 279 613	10 501 439	11 675 814	8 613 846
2 197 047	2 367 314	2 639 593	3 317 874	3 820 310	4 576 627	5 199 643	4 906 009	3 826 841
4 895 371	10 526 873	22 890 761	36 349 368	43 643 661	51 808 557	62 416 765	66 883 516	54 248 679
2 239 550	2 409 650	2 752 700	3 669 683	4 156 825	4 461 902	5 563 232	5 714 500	4 582 766
62 956	74 941	82 005	99 779	115 221	108 671	128 584	141 663	146 891
345 393	336 255	361 874	430 397	495 947	529 766	733 156	991 989	674 172
20 000 236	18 811 345	20 762 964	23 810 944	23 626 528	26 110 977	28 634 647	29 948 224	22 576 934
1 184 676	1 140 261	1 271 523	1 591 503	1 452 895	1 565 436	1 705 477	1 730 214	1 369 130
4 536 626	3 886 444	4 285 505	4 607 146	4 463 074	5 006 991	5 174 808	5 729 705	4 695 923
1 262 013	1 260 208	1 467 958	1 738 960	1 797 527	2 194 727	2 410 405	2 449 658	1 786 569
3 375 586	2 985 876	2 931 700	3 430 173	3 262 802	3 510 558	3 617 950	3 630 492	2 980 199
1 178 956	1 173 013	1 373 555	1 520 112	1 639 568	2 065 190	2 124 787	2 867 348	2 243 980
139 672	153 587	177 825	162 862	178 878	171 394	189 393	278 857	243 534
29 715 132	28 908 844	28 038 393	30 403 217	30 804 935	34 131 470	33 928 820	32 644 565	25 014 086
1 578 802	1 543 046	1 483 269	1 651 874	1 690 300	1 770 286	1 850 505	1 853 007	1 460 635
28 135 593	27 365 143	26 553 693	28 750 997	29 113 853	32 360 688	32 077 102	30 790 956	23 552 856
3 241 729	2 936 268	2 891 524	3 415 275	3 974 588	4 650 259	5 531 320	7 195 332	4 435 207
1 031 239	946 463	891 400	987 118	883 138	1 073 236	1 503 267	1 855 068	1 097 124
123 991	129 287	121 207	246 987	225 485	181 414	205 281	234 012	153 421
573 776	474 636	456 440	716 891	1 017 435	1 285 877	1 669 703	2 744 682	1 406 537
1 740 633	1 947 196	2 464 240	2 877 115	3 014 803	3 362 224	3 975 781	4 372 518	2 857 668
1 374 642	1 601 226	1 899 676	2 268 550	2 392 597	2 722 973	3 233 258	3 486 590	2 353 386
997 018	1 060 220	1 279 622	1 510 976	2 160 920	2 476 522	2 572 142	3 364 924	1 856 482

Table 123. Imports by

Country or area of region	1995	1996	1997	1998 <sup>r</sup>	1999 <sup>r</sup>	2000
Total	103 550 044	102 370 021	114 424 665	105 229 820	111 196 086	140 731 990
Asia	51 201 556	48 867 744	55 017 520	53 237 523	60 901 025	78 894 691
Japan	30 265 880	27 492 964	29 021 671	27 059 609	30 637 138	38 622 073
Hong Kong	1 842 873	1 704 663	1 996 134	2 076 093	2 223 600	2 364 182
Indonesia	2 150 425	1 884 483	2 184 708	2 114 404	2 296 941	3 020 530
Malaysia	2 953 718	3 565 236	4 228 301	3 639 473	3 895 257	5 350 520
Korea, Rep. of	4 327 379	4 161 720	5 024 480	5 682 165	7 202 328	9 027 154
Mainland China	3 091 306	3 059 852	3 915 312	4 113 882	4 528 891	6 229 334
Middle and Near East	3 929 200	4 075 310	4 203 282	3 046 486	4 111 382	6 743 442
Kuwait	455 979	550 143	546 784	348 869	406 830	982 191
Saudi Arabia	1 763 397	1 763 340	1 904 444	1 205 088	1 384 589	2 721 008
Europe	18 701 127	20 143 254	21 600 755	20 614 579	17 629 542	19 090 151
France	1 784 226	4 060 855	4 725 977	5 336 280	1 895 170	1 838 690
Germany	5 683 348	5 023 379	5 369 228	5 170 438	5 331 787	5 578 810
Italy	1 565 257	1 557 930	1 604 794	1 488 432	1 313 685	1 399 013
United Kingdom	1 643 210	1 805 433	1 952 801	1 711 250	1 745 372	1 952 902
Africa	1 814 668	2 388 430	2 470 275	1 964 993	2 229 846	3 285 723
North America	22 365 634	21 329 147	24 820 876	21 011 629	20 950 198	26 555 073
Canada	1 593 815	1 356 732	1 586 706	1 166 202	1 131 786	1 284 793
U.S.A.	20 771 393	19 971 851	23 233 847	19 845 059	19 818 117	25 269 878
Central and South America	2 398 470	2 165 541	2 540 595	1 979 124	1 921 263	2 112 591
Mexico	265 837	213 213	246 420	235 300	491 951	557 170
Panama	595	969	671	3 712	3 290	2 053
Brazil	592 419	565 807	760 983	586 926	476 836	553 936
Oceania	3 061 428	3 335 799	3 712 950	3 315 682	3 391 688	3 986 096
Australia	2 575 298	2 845 058	3 217 348	2 919 705	2 964 741	3 510 837
New Zealand	445 526	428 010	426 425	349 335	362 075	382 306
Others	77 961	64 796	58 412	59 804	61 142	64 223

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

## regions and principal countries (areas)

Thousands of U.S. Dollars

2001	2002	2003	2004	2005	2006	2007	2008	2009
107 970 570	113 245 120	128 010 148	168 757 598	182 614 393	202 698 135	219 251 567	240 447 789	174 370 531
59 067 515	64 495 758	74 633 632	98 423 374	106 140 212	116 019 615	121 072 145	125 021 701	98 470 638
25 933 484	27 363 325	32 719 525	43 717 802	46 053 319	46 284 409	45 936 862	46 508 013	36 220 017
2 051 591	1 914 898	1 917 196	2 309 164	2 109 729	1 880 644	1 824 902	1 492 771	1 122 556
2 527 889	2 592 605	2 926 646	4 114 535	4 542 964	5 204 299	5 775 954	7 288 968	5 183 686
4 232 763	4 175 555	4 766 713	5 424 990	5 217 223	6 051 561	6 192 410	6 762 668	4 552 646
6 732 022	7 741 421	8 738 160	11 663 599	13 239 158	14 999 578	15 158 354	13 168 383	10 506 837
5 902 959	7 968 584	11 017 887	16 792 252	20 093 696	24 783 086	28 014 979	31 391 315	24 423 472
6 608 650	7 254 743	10 423 754	14 028 569	19 152 512	24 916 352	27 825 870	38 932 912	22 513 091
1 130 414	1 288 812	2 002 271	2 770 157	4 295 825	5 007 826	5 742 741	8 074 201	4 555 730
2 746 035	2 407 270	4 276 038	5 558 950	7 437 249	9 760 161	10 409 566	15 172 687	8 657 904
15 069 791	14 728 390	16 259 282	21 258 722	21 895 493	21 452 196	23 566 635	24 450 736	19 455 679
2 140 382	1 558 760	1 632 990	2 099 857	2 544 412	2 219 958	2 381 940	2 292 829	1 784 248
4 274 220	4 448 258	4 986 253	5 852 028	6 180 253	6 135 238	7 070 040	7 474 274	5 672 902
1 089 428	1 095 022	1 138 162	1 349 320	1 451 733	1 545 193	1 475 619	1 635 421	1 830 966
1 457 087	1 371 908	1 431 079	1 745 036	1 714 064	1 781 013	1 920 418	1 917 640	1 230 253
2 662 104	2 133 276	2 708 960	4 127 848	3 602 963	5 523 164	6 131 965	7 981 802	3 823 795
19 419 288	19 206 841	18 080 364	22 984 702	22 494 970	24 038 316	28 205 133	28 115 721	19 301 419
1 011 996	951 220	1 085 056	1 204 323	1 324 077	1 373 811	1 697 045	1 789 105	1 147 509
18 407 253	18 255 577	16 995 299	21 780 377	21 170 843	22 664 494	26 508 055	26 326 558	18 153 900
1 545 600	1 917 063	2 413 282	3 597 714	3 614 650	4 304 109	5 007 386	6 424 456	3 974 156
421 120	364 763	334 153	416 523	355 401	426 738	593 182	589 580	343 214
4 413	6 204	6 377	22 945	24 635	36 294	53 782	69 014	23 543
445 178	585 429	916 297	1 332 078	1 216 347	1 065 887	1 341 776	2 192 112	1 301 204
3 543 738	3 287 940	3 239 577	4 059 870	5 397 303	6 124 580	7 114 189	9 138 665	6 554 836
3 090 500	2 839 188	2 732 209	3 429 629	4 726 429	5 349 481	6 122 115	8 270 645	5 965 882
346 765	342 305	383 483	459 016	507 634	502 227	565 051	571 422	459 040
53 884	221 109	251 297	276 799	316 290	319 803	328 244	381 796	276 917

Table124. Exports and imports

Item	Exports				
	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>
Total	150 600	182 370	198 432	224 017	246 677
0. Food and live animals	1 820	2 044	2 080	1 785	1 836
1. Beverages and tobacco	74	73	83	96	101
2. Crude materials, inedible, except fuels	2 196	2 445	2 651	3 121	3 450
3. Mineral fuels, lubricants and related materials	3 339	5 447	8 859	10 785	13 749
4. Animal and vegetable oils, fats and waxes	42	48	44	44	62
5. Chemicals and related products, n.e.s.	12 192	16 456	20 216	22 396	28 606
6. Manufactured goods classified chiefly by material	26 933	32 296	34 209	37 854	41 869
7. Machinery and transport equipment	83 986	98 266	101 603	114 129	120 875
8. Miscellaneous manufactured articles	19 565	24 762	27 546	32 462	34 707
9. Commodities and transactions not classified elsewhere in the SITC	454	534	1 141	1 345	1 422

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	1 108 629	15 237	1 268	131 923	688	70 544	588 791	75 372	
2004	1 141 167	15 285	1 277	132 475	663	74 012	605 914	81 831	
2005	1 180 235	14 578	1 291	131 970	649	80 281	624 940	91 306	
2006	1 189 878	12 616	1 317	130 685	643	84 797	624 882	95 443	
2007	1 187 929	12 631	1 339	128 964	655	86 466	620 689	98 326	
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	1 178 882	12 098	1 322	129 956	370	6 585	84 563	616 187	30 426
2009	1 186 308	12 191	1 281	128 458	393	6 557	85 100	616 414	30 403

Notes : 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						
2008 <sup>r</sup>	2009	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
255 629	208 545	128 010	168 758	182 614	202 698	219 252	240 448	178 407
2 259	1 962	3 708	4 179	4 530	4 646	5 152	6 254	5 712
143	202	884	943	1 103	1 113	1 118	1 221	1 010
3 624	2 765	5 656	7 166	7 399	8 923	11 468	13 087	7 940
18 628	11 568	15 203	21 499	28 097	36 633	43 413	61 952	37 990
79	69	185	227	222	190	277	386	258
31 359	26 520	15 792	20 655	22 951	26 106	28 746	30 599	24 489
42 497	32 821	14 801	22 337	23 032	26 846	29 242	31 774	20 007
119 133	101 251	57 818	73 507	76 520	78 758	79 107	75 589	63 589
35 699	28 528	11 946	15 932	15 993	16 795	17 676	16 283	14 000
2 208	2 857	2 017	2 310	2 767	2 688	3 054	3 303	3 412

## 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
33 110	16 308	21 413	40 182	189	350	23 873	26	89 355
31 469	17 326	23 287	41 761	253	364	25 154	27	90 069
31 483	17 970	24 825	43 022	297	362	25 960	23	91 278
31 211	18 347	25 981	42 807	366	360	28 389	25	92 009
30 871	18 981	26 631	43 046	460	368	25 741	22	92 739
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
99 722	14 352	22 163	18 563	32 605	24 978	622	20 365	64 005
104 157	14 574	22 516	19 196	33 122	25 420	870	20 242	65 414

Table 126. Number of newly registered

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

Notes : 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	Educational 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
347	276	1 461	1 773	1 601	3 541	826	205	4 451

**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	21 714
3 299	1 347	3 205	28 743	12 788	6 687	3 430	876	11 721

Table 127 Balance

Items	2000	2001	2002
A Current Account	8 899	18 936	26 357
Goods: exports fob	151 899	126 247	135 268
Goods: imports fob	- 138 227	- 105 686	- 110 348
Balance on Goods	13 672	20 561	24 920
Services: credit	20 010	19 895	21 635
Services: debit	- 26 647	- 24 465	- 24 719
Balance on Goods and Services	7 035	15 991	21 836
Income: credit	9 166	9 327	10 334
Income: debit	- 4 698	- 3 648	- 3 321
Balance on Goods , Services and Income	11 503	21 670	28 849
Current transfers: credit	3 202	2 607	2 621
Current Transfers: debit	- 5 806	- 5 341	- 5 113
B Capital Account	- 287	- 163	- 139
Capital account: credit	...	...	1
Capital account: debit	- 287	- 163	- 140
Total, Groups A plus B	8 612	18 773	26 218
C Financial Account	- 8 019	- 384	8 749
Direct investment abroad	- 6 701	- 5 480	- 4 886
Direct investment in Taiwan, ROC	4 928	4 109	1 445
Portfolio investment assets	- 9 780	- 11 347	- 15 442
Equity securities	- 9 265	- 8 649	- 9 142
Debt securities	- 515	- 2 698	- 6 300
Portfolio investment liabilities	9 556	11 119	6 616
Equity securities	8 489	11 298	3 636
Debt securities	1 067	- 179	2 980
Financial derivatives	- 304	- 1 063	- 242
Financial derivatives assets	414	535	400
Financial derivatives liabilities	- 718	- 1 598	- 642
Other investment assets	- 8 368	- 1 770	11 990
Monetary authorities	...	...	...
General government	- 13	8	2
Banks	- 10 105	- 7 341	3 022
Other sectors	1 750	5 563	8 966
Other investment liabilities	2 650	4 048	9 268
Monetary authorities	...	...	...
General government	- 7	- 4	- 5
Banks	- 1 705	636	4 677
Other sectors	4 362	3 416	4 596
Total , Groups A through C	593	18 389	34 967
D Net Errors And Omissions	1 884	- 1 036	- 1 303
Total , Groups A through D	2 477	17 353	33 664
E Reserves and Related Items	- 2 477	- 17 353	- 33 664
Reserve assets	- 2 477	- 17 353	- 33 664
Use of Fund credit and loans	-	-	-
Exceptional financing	-	-	-

## of payments

Millions of U.S. Dollars

2003	2004	2005	2006	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
30 504	19 728	17 578	26 322	35 154	27 505	42 916
150 597	182 362	198 456	223 785	246 500	254 897	203 399
- 124 460	- 164 999	- 179 000	- 199 566	- 216 055	- 236 419	- 172 846
26 137	17 363	19 456	24 219	30 445	18 478	30 553
23 166	25 789	25 827	29 272	33 286	36 829	31 735
- 25 635	- 30 731	- 32 480	- 32 815	- 34 926	- 34 982	- 29 820
23 668	12 421	12 803	20 676	28 805	20 325	32 468
12 991	15 485	17 394	19 338	23 500	23 277	20 338
- 3 436	- 4 353	- 8 355	- 9 757	- 13 368	- 13 299	- 7 827
33 223	23 553	21 842	30 257	38 937	30 303	44 979
2 673	3 170	3 463	3 837	4 689	5 526	4 984
- 5 392	- 6 995	- 7 727	- 7 772	- 8 472	- 8 324	- 7 047
- 87	- 77	- 117	- 118	- 96	- 334	- 96
1	6	1	4	3	3	2
- 88	- 83	- 118	- 122	- 99	- 337	- 98
30 417	19 651	17 461	26 204	35 058	27 171	42 820
7 628	7 169	2 302	- 19 620	- 38 951	- 1 660	13 571
- 5 682	- 7 145	- 6 028	- 7 399	- 11 107	- 10 287	- 5 876
453	1 898	1 625	7 424	7 769	5 432	2 804
- 34 763	- 21 823	- 33 902	- 40 779	- 44 966	3 527	- 31 701
- 9 850	- 8 167	- 12 464	- 18 467	- 35 697	- 4 573	- 21 198
- 24 913	- 13 656	- 21 438	- 22 312	- 9 269	8 100	- 10 503
29 566	17 154	31 045	21 814	4 904	- 15 777	21 372
25 197	14 092	34 826	22 662	5 599	- 15 418	19 427
4 369	3 062	- 3 781	- 848	- 695	- 359	1 945
- 215	- 843	- 1 003	- 965	- 289	1 589	852
519	888	909	1 930	3 691	7 938	5 344
- 734	- 1 731	- 1 912	- 2 895	- 3 980	- 6 349	- 4 492
3 939	408	- 6 254	- 1 266	- 6 847	10 621	25 759
...	...	...	...	...	...	...
33	32	-	- 4	11	7	- 2
- 1 994	- 6 754	- 9 421	- 5 525	- 10 158	- 16 726	707
5 900	7 130	3 167	4 263	3 300	27 340	25 054
14 330	17 520	16 819	1 551	11 585	3 235	361
...	898	9 250	- 3 311	- 7 300	- 3 116	-
- 8	- 6	-	6	- 6	-	-
11 391	13 957	5 352	1 993	16 118	- 49	- 9 741
2 947	2 671	2 217	2 863	2 773	6 400	10 102
38 045	26 820	19 763	6 584	- 3 893	25 511	56 391
- 953	- 225	293	- 498	- 127	763	- 2 265
37 092	26 595	20 056	6 086	- 4 020	26 274	54 126
- 37 092	- 26 595	- 20 056	- 6 086	4 020	- 26 274	- 54 126
- 37 092	- 26 595	- 20 056	- 6 086	4 020	- 26 274	- 54 126
-	-	-	-	-	-	-
-	-	-	-	-	-	-



## TRANSPORTATION, STORAGE AND COMMUNICATIONS

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

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

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

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

Table 128. Railways, highways, motor vehicles in use

Year	Railways		Highways		Motor vehicles	
	Passenger-kilometers (Million passenger-kms)	Freight ton-kilometers (Million ton-kms)	Passenger-kilometers (Million passenger-kms)	Freight ton-kilometers (Million ton-kms)	Passenger cars (Thousands)	Commercial vehicles (Thousands)
1980	7 971	2 716	26 836	7 690	425	256
1981 r	7 982	2 527	26 101	8 727	506	297
1982 r	8 204	2 277	26 125	8 800	592	334
1983 r	8 533	2 581	25 860	8 929	688	373
1984 r	8 458	2 493	25 644	9 191	807	409
1985 r	8 309	2 300	25 776	9 223	916	429
1986 r	8 321	2 365	24 519	9 359	1 047	440
1987 r	8 463	2 490	23 625	10 586	1 249	469
1988 r	8 237	2 278	22 850	11 340	1 560	512
1989 r	8 145	2 112	20 999	11 494	1 930	573
1990 r	8 323	1 877	20 755	11 543	2 263	620
1991 r	8 621	1 961	20 549	11 814	2 541	636
1992 r	9 361	2 140	19 839	12 220	2 900	692
1993	9 552	2 018	19 411	12 867	3 239	718
1994	9 515	2 007	17 995	13 091	3 570	733
1995	9 499	1 900	16 151	12 492	3 874	770
1996	9 032	1 585	15 421	11 991	4 146	800
1997	9 507	1 514	14 417	12 165	4 412	836
1998	10 305	1 404	14 298	17 426	4 545	837
1999	11 020	1 315	14 247	18 251	4 509	804
2000	12 624	1 179	14 657	18 182	4 716	833
2001	12 269	1 010	15 237	27 810	4 826	855
2002	12 148	941	15 770	28 341	4 989	882
2003	11 178	864	14 744	28 735	5 170	911
2004	12 051	909	15 778	31 029	5 391	946
2005	12 255	982	16 100	31 210	5 634	980
2006	12 352	997	16 386	31 218	5 698	999
2007	15 769	890	15 979	30 547	5 713	1 003
2008	19 066	933	15 783	30 160	5 674	1 001
2009	19 277	776	15 882	29 071	5 704	1 014

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



**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
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
2009	2 704	672	45 750	170 013	525 502	515 483

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

Table 130. Civil aviation

Year	Number of flights		Passenger transportation (Thousand)		Freight transportation ( metric tons)	
	Domestic	International	Domestic	International	Domestic	International
1980 r	89 809	37 089	6 150	3 759	24 918	212 249
1981 r	84 402	37 252	5 639	4 063	23 415	229 320
1982	91 470	37 177	5 493	4 136	24 455	229 399
1983	94 290	37 096	5 729	4 298	25 161	282 851
1984	99 657	38 970	6 342	4 519	27 952	309 554
1985	104 742	39 459	5 854	4 523	25 818	302 158
1986 r	102 548	40 566	5 303	4 828	21 573	402 964
1987 r	117 004	42 755	6 682	5 679	25 142	485 599
1988	130 310	47 183	7 614	7 129	26 740	516 053
1989	183 077	51 813	8 910	8 297	31 583	576 997
1990	191 132	60 691	9 043	9 680	36 704	625 431
1991	249 300	68 181	11 210	10 364	44 681	670 127
1992	300 274	77 542	14 875	12 117	53 130	763 308
1993	361 061	87 930	18 442	12 887	60 616	793 264
1994	435 244	100 383	23 299	13 673	70 820	809 453
1995	521 532	111 356	28 773	14 954	31 386	744 398
1996	577 033	123 931	35 902	16 157	29 409	791 803
1997	580 115	135 730	37 400	17 069	31 210	909 900
1998	503 321	135 023	33 294	16 440	26 407	936 403
1999	483 979	132 343	32 534	17 808	30 573	1 064 289
2000	448 181	138 379	26 650	19 780	33 853	1 214 859
2001	414 698	147 212	24 614	19 501	37 375	1 035 552
2002	392 532	156 023	21 890	20 063	44 246	1 137 627
2003	342 681	146 490	20 052	15 913	43 704	1 186 032
2004	329 632	175 230	20 995	20 756	40 623	1 254 890
2005	297 724	181 775	19 294	22 485	37 428	1 216 009
2006	275 232	188 274	17 365	23 774	40 211	1 207 998
2007	228 869	192 610	12 711	24 432	40 041	1 191 118
2008	183 234	174 748	9 850	23 203	36 746	1 035 352
2009	168 795	166 872	9 233	23 096	36 925	932 985

**Table 131. Telephones and internet**

Year	Number of mobile telephones (Thousands)	Local telephones			Internet users (10 Thousands)
		Subscribers (Thousands)	Subscribers, index (1991=100)	Subscribers per 100 population (Subscribers)	
1980 r	-	2 323	33.89	13.0	-
1981	-	2 818	41.12	15.5	-
1982 r	-	3 230	47.13	17.4	-
1983	-	3 618	52.79	19.3	-
1984	-	3 947	57.60	20.7	-
1985 r	-	4 228	61.69	21.9	-
1986	-	4 540	66.25	23.3	-
1987	-	4 909	71.63	24.9	-
1988	-	5 332	77.81	26.7	-
1989	22	5 823	84.96	28.9	-
1990 r	83	6 301	91.94	30.9	-
1991	197	6 853	100.00	33.3	1
1992 r	385	7 418	108.25	35.7	5
1993 r	539	7 951	116.01	37.9	10
1994	584	8 503	124.08	40.2	18
1995	770	9 175	133.88	43.0	25
1996 r	970	10 011	146.07	46.5	60
1997	1 492	10 862	158.50	50.0	166
1998	4 727	11 500	167.81	52.4	301
1999 r	11 541	12 044	175.74	54.5	480
2000	17 874	12 642	184.47	56.8	627
2001 r	21 786	12 858	187.62	57.4	782
2002 r	24 391	13 099	191.15	58.2	859
2003	25 800	13 355	194.88	59.1	883
2004	22 760	13 530	197.43	59.6	916
2005 r	22 171	13 615	198.68	59.8	959
2006	23 249	13 473	196.60	58.9	976
2007	24 287	13 302	194.10	57.9	1 003
2008	25 413	13 082	190.89	56.8	1 046
2009	26 959	12 821	187.08	55.5	1 067

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
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
2009	1 000 451	4 192 733	369 006	1 423 250

Notes : Telephone services between the Straits started 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
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
2009	2 681	1 920	13 739	2 626	2 942	25 351	26 980

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

Year	Total	Pleasure	Business	Visit relatives	Study	Conference	Others	Persons
								Unstated
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
2009	4 395 004	2 298 334	795 669	413 942	54 701	68 925	275 033	488 400

Table 135. Number of foreign visitor

Resident	1990	1991	1992	1993	1994	1995	1996	1997	1998
Grand Total	1 712 680	1 629 448	1 649 726	1 601 228	1 856 685	2 066 333	2 088 539	2 115 641	2 031 811
Asia	1 312 944	1 224 636	1 216 340	1 159 554	1 379 321	1 566 025	1 572 539	1 571 044	1 478 765
Hong Kong,Macao	26 839	26 912	26 964	28 451	33 370	39 269	45 998	50 557	54 574
Japan	914 750	825 420	794 237	696 431	816 665	907 338	911 777	900 714	822 817
Korea	143 656	150 076	147 158	88 297	124 116	140 469	121 399	94 632	59 766
India	5 753	5 346	6 878	7 361	8 197	9 553	10 320	11 438	11 672
Middle East	8 396	8 690	9 242	9 725	9 013	10 066	9 759	11 321	11 147
Malaysia	49 376	40 658	46 455	50 664	47 577	53 620	55 430	54 022	48 904
Singapore	59 207	61 962	63 739	59 810	69 259	69 665	77 642	81 356	86 695
Indonesia	25 764	22 780	22 247	33 984	38 489	45 857	50 505	54 092	47 415
Philippines	29 564	26 863	28 709	52 981	69 468	89 490	104 525	112 844	120 543
Thailand	21 266	23 739	33 416	88 985	114 613	146 632	120 089	121 534	127 987
Others	28 373	32 190	37 295	42 865	48 554	54 066	65 095	78 534	87 245
America	251 826	254 935	275 688	280 814	301 012	311 180	318 245	337 610	345 771
Canada	19 761	20 352	21 730	21 081	23 308	25 944	29 580	31 762	33 360
U.S.A.	221 201	224 182	243 022	248 942	266 115	273 606	277 236	293 681	300 753
Mexico	1 662	1 534	1 645	1 265	1 410	1 034	1 325	1 490	1 679
Brazil	3 299	2 723	2 799	2 827	3 480	4 095	3 508	3 479	3 247
Others	5 903	6 144	6 492	6 699	6 699	6 501	6 596	7 198	6 732
Europe	111 195	113 488	119 821	120 944	134 043	143 700	151 564	158 349	159 659
Belgium	3 035	3 401	3 302	3 207	3 629	3 745	3 971	3 861	4 079
France	15 714	16 548	17 513	18 494	21 334	21 587	21 716	22 674	23 515
Germany	24 250	25 543	28 758	28 357	31 075	32 667	33 677	34 492	35 187
Italy	8 803	9 348	10 221	9 893	11 934	12 239	11 511	12 257	11 720
Netherlands	7 901	8 110	8 208	8 879	9 155	9 935	10 436	10 814	11 190
Switzerland	6 120	5 941	5 668	5 937	6 029	6 238	6 035	6 602	6 390
Spain	2 975	3 386	3 711	3 217	3 577	3 685	3 714	4 036	3 892
U.K.	23 064	21 416	22 646	24 112	26 929	28 796	30 426	32 737	33 505
Others	19 333	19 795	19 794	18 848	20 381	24 808	30 078	30 876	30 181
Oceania	22 623	22 444	24 840	25 654	27 907	31 372	32 100	34 367	34 153
Australia	18 741	18 703	20 896	21 446	23 134	26 112	26 844	28 674	28 737
New Zealand	3 141	3 077	3 421	3 819	4 258	4 875	4 952	5 302	5 045
Others	741	664	523	389	515	385	304	391	371
Africa	12 838	12 678	11 118	10 718	10 276	9 839	9 345	8 808	7 728
Others	1 254	1 267	1 919	3 544	4 126	4 217	4 746	5 463	5 735

## arrivals by residence

Persons

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
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	2 770 082
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	2 052 861
63 323	73 708	80 752	76 690	56 076	70 878	77 275	77 549	79 548	78 628	84 685
823 799	914 884	970 741	985 564	655 131	885 168	1 122 192	1 159 533	1 164 446	1 084 888	998 973
74 411	82 480	82 081	79 874	90 174	144 769	178 964	192 521	222 347	247 815	164 152
11 498	13 195	13 062	13 945	12 405	16 255	17 475	18 020	19 954	19 951	18 532
10 578	11 202	9 194	9 929	7 696	12 598	13 431	12 692	13 327	12 402	12 075
52 358	57 728	56 615	64 483	66 487	92 272	107 084	114 761	140 720	155 073	166 354
85 569	94 691	96 645	107 069	78 300	116 445	165 666	183 511	204 015	204 967	194 129
76 424	106 787	89 027	86 098	37 116	43 694	88 086	90 593	95 327	110 017	106 272
120 319	83 137	68 955	74 022	75 851	82 319	87 205	75 240	80 117	83 056	73 182
137 664	132 998	116 296	105 688	97 478	101 989	92 584	94 644	89 137	83 685	77 344
90 950	119 422	121 081	144 323	160 135	194 225	157 127	145 488	153 238	133 456	157 163
357 455	405 749	388 507	406 227	311 594	440 887	453 271	457 167	464 911	456 494	436 859
34 568	38 016	40 176	42 815	33 873	49 891	53 838	53 225	56 554	59 605	59 490
311 995	356 535	338 548	353 411	270 523	380 210	388 153	392 004	395 036	383 747	365 266
1 694	1 876	1 605	2 195	1 213	2 144	1 999	2 097	2 445	2 190	1 773
2 467	2 767	2 155	2 206	1 823	2 720	2 819	3 028	3 794	3 859	3 402
6 731	6 555	6 023	5 600	4 162	5 922	6 462	6 813	7 082	7 093	6 928
161 377	160 728	147 610	146 730	118 273	164 032	171 665	171 816	185 553	199 952	196 120
4 098	4 147	3 506	3 833	3 014	3 801	4 208	3 832	4 082	4 147	4 479
23 508	23 675	20 988	20 179	15 188	21 152	21 785	22 372	23 693	23 956	24 975
34 096	34 769	33 687	33 470	28 476	37 063	39 626	38 602	39 372	40 129	39 372
11 329	12 055	10 639	10 664	7 678	10 302	10 913	10 722	11 402	12 694	12 202
14 235	12 592	11 032	10 237	8 022	11 173	12 084	11 418	12 373	12 056	11 164
6 452	6 325	5 909	5 639	4 486	6 114	6 341	6 360	6 719	6 225	6 393
3 875	4 063	3 736	3 826	2 763	4 367	4 579	4 566	4 865	5 360	5 586
33 136	35 471	33 569	34 082	28 316	36 913	35 748	35 794	39 758	48 176	44 619
30 648	27 631	24 544	24 800	20 330	33 147	36 381	38 150	43 289	47 209	47 330
35 541	38 049	36 141	37 849	31 849	50 294	55 185	51 433	61 146	67 930	65 551
29 731	31 711	29 978	31 477	26 287	41 529	46 017	42 114	51 270	57 725	56 697
5 357	5 973	5 768	6 124	5 272	7 512	8 015	8 189	8 612	8 972	7 850
453	365	395	248	290	1 253	1 153	1 130	1 264	1 233	1 004
7 716	8 667	8 663	9 120	7 375	9 538	9 018	8 714	8 414	8 334	7 578
6 671	7 245	6 501	6 406	6 094	2 934	1 982	1 947	6 615	15 888	11 113

Table 136. Visitor arrivals and their average expenditures

Year	Visitor arrivals		Visitor expenditures				Average length of stay (Nights)
	Visitor (Persons)	Increase rate (%)	Amount (Million US\$)	Increase rate (%)	Spending per person (US\$)	Spending per person per day (US\$)	
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 r	2 624 037	8.8	3 738	4.7	1 424.6	192.5	7.4
2001	2 831 035	7.9	4 335	16.0	1 531.3	207.8	7.4
2002	2 977 692	5.2	4 584	5.7	1 539.3	204.2	7.5
2003	2 248 117	- 24.5	2 976	- 35.1	1 323.7	166.1	8.0
2004	2 950 342	31.2	4 053	36.2	1 373.8	180.5	7.6
2005	3 378 118	14.5	4 977	22.8	1 473.3	207.5	7.1
2006	3 519 827	4.2	5 136	3.2	1 459.2	210.9	6.9
2007	3 716 063	5.6	5 214	1.5	1 403.2	215.2	6.5
2008	3 845 187	3.5	5 936	13.8	1 543.7	211.5	7.3
2009	4 395 004	14.3	6 816	14.8	1 550.9	216.3	7.2



## REVENUES AND EXPENDITURES OF GOVERNMENT

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

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

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

Table 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 (%)
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	2 784 863	100.0	2 679 563	96.2	105 299	3.8	3 140 936	100.0
2001	1 896 841	100.0	1 809 035	95.4	87 805	4.6	2 271 755	100.0
2002	1 787 919	100.0	1 706 602	95.5	81 317	4.5	2 144 994	100.0
2003	1 948 847	100.0	1 834 654	94.1	114 193	5.9	2 216 514	100.0
2004	1 927 400	100.0	1 845 279	95.7	82 121	4.3	2 245 047	100.0
2005	2 218 039	100.0	2 108 064	95.0	109 976	5.0	2 291 999	100.0
2006	2 177 018	100.0	2 094 023	96.2	82 995	3.8	2 214 226	100.0
2007	2 244 758	100.0	2 189 035	97.5	55 724	2.5	2 290 169	100.0
2008 r	2 231 614	100.0	2 181 188	97.7	50 425	2.3	2 343 585	100.0
2009	2 113 543	100.0	2 041 406	96.6	72 137	3.4	2 460 958	100.0

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

**expenditures of general government**

and capital

Net expenditures				Surplus or deficit					
Current		Capital		Total		Current		Capital	
Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)	Amount (Mil. N.T. \$)	Shares (%)
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
1 811 308	77.3	532 278	22.7	- 111 972	- 5.0	369 881	17.0	- 481 852	- 90.5
1 896 804	77.1	564 154	22.9	- 347 415	- 16.4	144 602	7.1	- 492 017	- 87.2

Table 137. Net revenues and

Items	FY 1986	FY 1987	FY 1988	FY 1989
Net revenues by sources, total	584 838	650 203	765 439	921 575
Revenues from taxes	356 975	415 318	511 637	629 753
Revenues from monopolies	44 824	46 137	46 409	47 666
Fees	16 859	18 917	22 087	24 863
Fines and indemnities	12 018	10 841	8 179	9 770
Surplus of public enterprises & public utilities	99 646	102 626	111 727	128 210
Profits of public properties	2 436	2 135	3 024	3 886
Capitals from sales of properties & recalled capital	17 895	20 715	27 567	30 911
Donations and contributions	364	470	476	442
Others	33 821	33 043	34 333	46 074
Net expenditures by administrative affairs , total	616 718	641 911	726 468	1 207 351
General administration	70 077	72 074	80 222	97 299
National defense	153 588	148 798	160 375	187 908
Education science and culture	129 018	133 700	147 183	205 001
Education	...	...	...	...
Science	...	...	...	...
Culture	...	...	...	...
Economic development	154 534	171 364	192 406	541 385
Agriculture	...	...	...	...
Industry	...	...	...	...
Transportation & communication	...	...	...	...
Other economic service	...	...	...	...
Social welfare	40 591	37 085	55 169	65 488
Social insurance	...	...	...	...
Social relief	...	...	...	...
Benefit service	...	...	...	...
Employment service	...	...	...	...
Medical care	...	...	...	...
Community development & environmental protection	15 786	18 266	21 883	26 104
Community development	...	...	...	...
Environmental protection	...	...	...	...
Pension & survivors' benefits	42 888	47 724	55 242	61 983
Obligations	5 394	6 989	8 000	10 701
Miscellaneous expenditure	4 841	5 911	5 988	11 483

## expenditures of general government (continued)

Millions of N.T. Dollars

FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
1 092 401	1 049 931	1 257 568	1 416 334	1 502 754	1 559 429	1 604 184	1 704 759
794 812	748 508	909 110	983 387	1 062 778	1 170 856	1 141 838	1 213 274
52 921	60 113	58 513	62 109	64 703	61 408	55 959	58 179
25 364	23 846	34 403	51 123	44 194	58 913	59 939	65 894
11 467	13 815	18 757	21 760	25 383	28 391	31 918	32 557
121 418	94 835	141 045	166 471	184 914	141 956	181 094	180 797
3 916	5 949	7 582	17 290	11 854	14 824	16 346	19 570
38 991	52 395	38 915	63 348	60 832	36 805	53 241	75 338
584	620	1 016	1 051	425	769	875	1 492
42 929	49 851	48 227	49 794	47 671	45 507	62 975	57 657
1 097 518	1 275 613	1 561 930	1 756 306	1 826 367	1 910 066	1 843 786	1 878 764
125 786	153 278	198 348	208 961	216 069	222 403	243 973	244 757
210 974	227 099	239 398	253 511	321 821	269 960	284 926	291 920
227 271	288 077	324 834	350 351	382 197	357 487	374 401	375 822
...	204 697	260 858	282 419	313 144	287 896	297 999	296 076
...	45 679	45 094	44 143	43 002	43 991	50 453	51 689
...	37 701	18 882	23 789	26 052	25 601	25 948	28 057
302 281	322 087	461 821	545 651	468 080	438 152	329 135	295 035
...	69 534	196 127	71 604	129 710	89 799	86 220	103 823
...	28 024	76 753	128 416	54 617	36 028	24 729	18 416
...	185 715	108 383	257 713	216 267	264 186	168 165	132 233
...	38 814	80 557	87 918	67 486	48 139	50 021	40 564
96 207	117 772	135 040	145 759	158 523	231 766	290 002	294 982
...	33 378	46 765	47 640	50 491	94 749	125 545	114 480
...	13 581	6 334	9 607	9 745	20 968	30 222	36 000
...	46 374	53 780	57 838	65 957	83 449	100 833	111 141
...	2 851	2 801	3 254	3 545	3 313	4 369	4 981
...	21 587	25 361	27 419	28 785	29 288	29 033	28 381
31 248	33 089	63 042	72 163	81 543	65 309	68 035	68 614
...	8 200	16 414	18 677	22 968	17 077	18 785	16 838
...	24 890	46 628	53 486	58 575	48 231	49 250	51 776
76 246	88 320	94 975	102 076	111 237	118 121	137 118	179 723
16 755	33 398	33 936	63 894	75 179	194 890	106 061	115 630
10 749	12 492	10 537	13 941	11 717	11 978	10 135	12 280

**Table 137. Net revenues and**

Items	FY 1998	FY 1999	FY 2000	2001
Net revenues by sources, total	2 053 458	2 004 394	2 784 863	1 896 841
Revenues from taxes	1 339 605	1 299 740	1 852 451	1 200 278
Revenues from monopolies	57 448	55 322	77 316	57 563
Fees	68 946	67 179	112 252	76 932
Fines and indemnities	38 140	38 705	59 704	41 996
Surplus of public enterprises & public utilities	361 574	324 851	458 420	346 581
Profits of public properties	41 483	25 416	26 555	20 319
Capitals from sales of properties & recalled capital	92 838	137 313	105 299	87 762
Donations and contributions	1 644	1 508	2 749	3 748
Others	51 781	54 360	90 116	61 662
Net expenditures by administrative affairs , total	1 992 593	2 050 004	3 140 936	2 271 755
General administration	257 265	279 113	468 033	328 736
National defense	312 286	286 571	357 757	247 597
Education science and culture	411 513	429 127	655 109	430 078
Education	326 163	333 218	517 070	326 658
Science	55 077	60 650	93 191	67 847
Culture	30 273	35 259	44 849	35 573
Economic development	335 012	351 103	474 895	398 792
Agriculture	109 786	98 947	140 335	128 099
Industry	20 676	21 041	49 437	23 180
Transportation & communication	141 243	185 601	218 688	201 421
Other economic service	63 307	45 514	66 435	46 092
Social welfare	282 767	280 452	531 809	396 981
Social insurance	116 843	111 788	214 917	201 574
Social relief	25 000	23 603	94 368	39 016
Benefit service	110 149	114 610	179 133	126 862
Employment service	3 466	3 631	3 271	2 900
Medical care	27 308	26 819	40 120	26 629
Community development & environmental protection	74 850	90 310	106 102	109 597
Community development	16 801	34 320	36 885	63 360
Environmental protection	58 049	55 990	69 217	46 238
Pension & survivors' benefits	187 673	180 582	265 079	175 722
Obligations	115 896	140 910	270 252	171 565
Miscellaneous expenditure	15 331	11 836	11 900	12 687

## expenditures of general government (continued)

Millions of N.T. Dollars

2002	2003	2004	2005	2006	2007	2008 <sup>r</sup>	2009
1 787 919	1 948 847	1 927 400	2 218 039	2 177 018	2 244 758	2 231 614	2 113 543
1 190 874	1 220 116	1 353 410	1 531 297	1 556 652	1 685 875	1 710 617	1 483 518
346	-	-	-	-	-	-	-
125 261	76 452	85 330	88 816	91 135	96 579	94 302	91 963
44 835	42 055	42 328	43 254	42 488	44 646	46 690	41 395
260 869	417 621	289 974	375 663	325 939	291 799	264 918	330 928
12 943	12 611	11 833	12 829	14 414	15 103	14 249	14 111
81 317	114 192	82 121	109 975	82 994	55 724	50 425	72 137
2 053	4 944	5 329	5 716	6 947	7 845	8 862	8 658
69 420	60 858	57 075	50 490	56 449	47 188	41 550	70 834
2 144 994	2 216 514	2 245 047	2 291 999	2 214 226	2 290 169	2 343 585	2 460 958
325 815	331 885	334 797	341 874	345 237	343 950	350 500	354 981
225 243	237 946	253 019	247 472	234 699	255 854	262 150	297 746
437 756	464 186	469 544	473 243	484 827	492 625	495 515	537 310
339 731	329 977	341 396	347 706	358 297	362 618	362 964	384 836
69 839	95 097	92 023	93 908	91 592	96 214	95 126	97 658
28 185	39 112	36 125	31 629	34 939	33 792	37 425	54 816
405 257	400 910	412 870	430 476	341 944	383 298	432 335	445 037
110 932	121 044	138 460	144 984	95 926	106 788	112 827	133 210
17 695	25 972	22 071	23 358	19 172	16 004	34 001	36 071
192 983	194 450	202 348	214 578	185 087	218 338	234 604	213 404
83 646	59 444	49 991	47 557	41 758	42 167	50 902	62 352
323 615	346 911	347 557	357 762	370 303	372 202	368 136	387 446
153 353	169 893	153 324	162 222	163 152	162 548	147 651	189 268
19 649	18 180	19 572	20 658	20 295	23 245	25 559	23 333
120 266	120 561	138 848	144 471	153 396	151 322	158 275	136 719
2 613	4 084	2 673	2 506	2 615	2 480	2 252	2 485
27 733	34 194	33 140	27 906	30 845	32 607	34 400	35 641
71 702	90 061	95 008	100 704	88 849	87 282	82 157	86 333
20 542	31 535	38 712	38 429	25 653	24 520	13 514	18 941
51 160	58 526	56 296	62 275	63 196	62 762	68 643	67 392
170 988	173 223	179 665	191 531	196 963	200 677	202 228	205 289
170 966	159 667	139 331	132 639	138 331	139 380	134 697	129 484
13 652	11 726	13 254	16 298	13 072	14 901	15 867	17 331

Table 138. Total tax

Items	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985
Total	261 349	315 049	338 090	342 379	383 364	394 846
Taxes	237 187	281 087	300 496	302 478	343 212	353 109
National taxes	155 462	180 106	172 531	171 793	194 064	200 768
Customs duties	57 003	57 781	56 323	55 570	67 622	66 873
Mining concession tax	24	26	22	24	22	22
Income tax	45 052	58 147	65 542	65 016	67 957	75 889
Business income tax	26 241	31 531	33 411	28 994	33 850	36 686
Individual income tax	18 811	26 616	32 131	36 022	34 106	39 203
Estate and gift tax	1 087	1 690	1 930	2 094	2 745	2 831
Commodity tax	41 678	49 202	48 195	48 171	54 471	54 573
Tobacco and alcohol tax	-	-	-	-	-	-
Stamp tax	10 180	12 567	-	-	-	-
Securities transactions tax	439	692	519	918	1 247	581
Futures transactions tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Provincial & city taxes	63 537	81 176	62 170	63 880	73 948	76 880
Land tax	26 999	35 877	-	-	-	-
Agricultural land tax	908	1 086	-	-	-	-
Land value tax	10 388	10 524	-	-	-	-
Land value increment tax	15 704	24 266	-	-	-	-
Business tax	20 543	26 638	30 183	31 486	35 871	38 195
Stamp tax	-	-	13 224	13 723	16 186	16 531
Vehicle license tax	4 586	5 445	6 105	6 582	7 368	8 076
Harbour construction dues	11 409	13 216	12 658	12 089	14 523	14 078
Municipality & county(city) taxes	18 187	19 805	65 795	66 805	75 200	75 460
Land tax	-	-	41 143	41 051	47 196	46 094
Agricultural land tax	-	-	1 160	1 318	1 115	1 107
Land value tax	-	-	10 509	10 664	10 756	10 899
Land value increment tax	-	-	29 473	29 069	35 325	34 089
House tax	7 733	10 740	14 267	16 075	17 559	18 848
Vehicle license tax	-	-	-	-	-	-
Deeds tax	4 201	4 458	5 447	4 990	5 605	5 901
Stamp tax	-	-	-	-	-	-
Amusement tax	1 098	1 255	1 432	1 453	1 341	1 207
Slaughter tax	3 780	3 331	3 506	3 236	3 498	3 410
Feast tax	1 375	21	- 0	-	-	-
Monopoly revenues	24 162	33 963	37 594	39 901	40 152	41 738
Financial enterprises business tax	-	-	-	-	-	-
Health and welfare surcharge on tobacco	-	-	-	-	-	-

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

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

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

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





Table 138. Total tax

Items	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY2000
Total	1 232 264	1 197 797	1 271 453	1 397 052	1 355 062	1 929 767
Taxes	1 170 856	1 141 838	1 213 274	1 339 605	1 299 740	1 852 451
National taxes	662 201	661 414	706 200	808 298	788 392	1 513 155
Customs duties	115 366	104 806	103 406	114 331	103 045	156 815
Mining concession tax	13	12	14	11	11	15
Income tax	319 384	343 550	352 890	398 390	432 389	610 580
Business income tax	146 783	148 444	146 591	163 355	194 251	307 035
Individual income tax	172 601	195 106	206 300	235 036	238 138	303 545
Estate and gift tax	21 458	24 453	24 326	25 519	21 568	39 135
Commodity tax	156 757	154 673	146 445	150 363	145 497	219 425
Tobacco and alcohol tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Securities transactions tax	49 223	33 920	79 118	119 683	84 677	160 292
Futures transactions tax	-	-	-	-	1 204	2 484
Business tax	-	-	-	-	-	324 410
Provincial & city taxes	251 431	260 122	269 275	293 087	302 397	-
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	214 248	216 837	223 450	243 998	251 782	-
Stamp tax	6 737	6 917	6 755	7 094	7 399	-
Vehicle license tax	30 446	36 367	39 070	41 996	43 216	-
Harbour construction dues	-	-	-	-	-	-
Municipality & county(city) taxes	257 223	220 302	237 798	238 220	208 951	339 209
Land tax	193 615	158 134	174 783	173 803	148 313	215 533
Agricultural land tax	0	1	0	0	-	-
Land value tax	38 261	42 361	42 291	45 315	46 853	92 039
Land value increment tax	155 354	115 772	132 492	128 488	101 460	123 494
House tax	40 200	42 946	45 852	48 302	45 852	48 436
Vehicle license tax	-	-	-	-	-	46 689
Deeds tax	21 829	17 370	15 509	14 346	13 096	15 267
Stamp tax	-	-	-	-	-	11 032
Amusement tax	1 579	1 851	1 655	1 769	1 690	2 252
Slaughter tax	-	-	-	-	-	-
Education Surtax	-	-	-	-	-	88
Monopoly revenues	61 408	55 959	58 179	57 448	55 322	77 316
Financial enterprises business tax	-	-	-	-	-	-
Health and welfare surcharge on tobacco	-	-	-	-	-	-

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

## revenues (continued)

Millions of N.T. Dollars

2001	2002	2003	2004	2005	2006	2007	2008	2009
1 257 841	1 225 601	1 252 766	1 387 300	1 567 396	1 600 804	1 733 895	1 760 438	1 530 282
1 200 278	1 190 874	1 220 116	1 353 410	1 531 297	1 556 652	1 685 875	1 710 617	1 483 518
997 266	981 610	991 380	1 097 710	1 269 563	1 295 680	1 420 741	1 461 840	1 238 558
92 558	85 901	82 783	78 885	82 374	79 567	81 859	80 426	68 827
9	10	10	4	1	0	0	0	-
478 636	392 939	411 087	455 914	625 807	646 218	730 160	834 988	640 967
233 678	165 759	213 683	241 089	329 357	311 888	382 634	445 245	334 163
244 958	227 180	197 404	214 825	296 450	334 330	347 526	389 744	306 804
22 710	23 537	30 106	29 048	30 451	28 694	28 481	28 978	22 327
133 883	143 641	146 012	159 644	168 411	159 201	149 037	126 660	127 879
-	41 188	49 773	48 336	50 443	51 042	50 415	49 506	45 349
-	-	-	-	-	-	-	-	-
63 899	76 794	69 283	84 148	68 204	89 954	128 895	90 630	105 956
1 862	2 864	4 806	8 272	6 342	4 072	5 758	6 692	3 750
203 707	214 735	197 521	233 460	237 531	236 931	246 137	243 961	223 503
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
202 987	209 241	228 718	255 691	261 725	260 964	265 129	248 772	244 960
93 182	98 069	111 803	133 893	135 370	131 208	133 691	116 082	112 367
-	-	-	-	-	-	-	-	-
50 920	50 169	50 762	52 617	53 706	54 660	59 009	59 127	59 054
42 262	47 900	61 041	81 276	81 664	76 547	74 682	56 955	53 313
48 056	46 464	48 013	49 323	50 877	52 494	53 883	55 343	56 347
44 688	45 886	47 765	49 904	51 863	52 548	53 271	53 255	53 050
8 493	10 262	11 600	12 937	13 178	14 014	13 637	12 696	13 066
7 036	6 911	7 786	7 771	8 458	8 714	8 837	9 650	8 464
1 533	1 649	1 751	1 862	1 979	1 986	1 809	1 745	1 666
-	-	-	-	-	-	-	-	-
25	23	18	9	10	8	5	5	0
57 563	346	-	-	-	-	-	-	-
-	26 083	22 433	24 230	25 712	26 644	28 131	29 706	21 853
-	8 298	10 217	9 661	10 387	17 508	19 888	20 115	24 911



## FINANCE

This chapter is concerned with all sort of financial statistics and international balance of payments data, all sourced from the Central Bank. Information on money supply, foreign exchange reserves, exchange rates, interest rates, government bonds, and balance sheets of financial institutions comes from the *Financial Statistics Monthly, Republic of China (Taiwan)* .

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, domestic banks, local branches of foreign banks, Taiwan business bank, credit cooperatives, credit departments of farmers' and fishermen's associations. With the exception of the Central Bank, all of the monetary institutions are also called the deposit money institutions. The other financial institutions include trust and investment companies, Chunghwa Post Co, money market mutual funds, and life insurance companies. In compilation of financial statistics, property and casualty insurance companies, bills finance companies, and securities finance companies are not considered a part of the financial institutions sector because the liability instruments they offer are significantly different from those offered by financial institutions. Instead, they are viewed as a part of the private enterprises sector.

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

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

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. From Jan. 2010 on, the carrying values of the host contracts of structured products issued by banks are included.

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

Money Supply ( $M_{1b}$ ) -- It is composed of currency held by the public and deposit money.

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

End of Year	Exchange rates <sup>1</sup> (N.T. Dollars per U.S. Dollar)		Money supply (M <sub>1B</sub> ) (100 Millions of N.T. \$)	Reserve money (100 Millions of N.T. \$)
	Buying	Selling		
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
2009		32.030	105 116	23 040

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

**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
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
2009	348 198	348 198	4 768.9	13.620

Table 141. Interest rates of the Central Bank

Percent per annum

Effective date of change	Discount	Accommodations with collateral	Accommodations without collateral	Accommodations in foreign <sup>1</sup> currencies
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
June 28 2002	1.875	2.250	4.125	LIBOR 6M
Nov. 12	1.625	2.000	3.875	LIBOR 6M

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



**Table 141. Interest rates of the Central Bank (continued)**

Percent per annum

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

**Table 142. Stock price index and money market interest rates**

Percent per annum

Year	Stock price index (1966=100)	Interbank call loans <sup>1</sup>	Money market rates, treasury bill rate		
			1-91 days	92-182 days	183-364 days
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
2009	6 459.56	0.11	0.25	0.16	0.26

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

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

Percent per annum

Year	Domestic banks <sup>1</sup>	Local branches of foreign banks	Medium business banks	Credit cooperatives	Credit dept. of farmers' and fishermen's assn.	Investment and trust companies
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 r	3.66	4.36	3.67	3.59	4.01	3.96
2005 r	3.67	2.88	3.42	3.35	3.51	3.69
2006 r	3.49	2.88	3.20	3.35	3.29	3.50
2007 r	3.36	2.98	3.10	3.39	3.30	3.70
2008 r	3.47	3.21	3.25	3.58	3.42	3.82
2009	2.08	2.01	1.96	2.38	2.27	-

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

**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		
1982 Outstanding	43 386	33 624	18	7 602	2 142
1983 Outstanding	48 338	37 887	15	5 922	4 514
1984 Outstanding	43 109	30 574	14	7 102	5 419
1985 Outstanding	66 429	49 870		8 380	8 179
1986 Outstanding	92 131	73 508		9 880	8 743
1987 Outstanding	130 741	105 072		13 660	12 009
1988 Outstanding	183 939	151 422		20 920	13 390
1989 Outstanding	222 815	169 847		31 520	21 448
1990 Outstanding	188 774	127 437		42 085	19 252
1991 Outstanding	347 647	260 163		63 324	24 160
1992 Outstanding	531 404	451 058		75 175	25 171
1993 Outstanding	722 269	613 540		80 068	28 661
1994 Outstanding	797 758	710 155		65 069	22 534
1995 Outstanding	867 140	805 110		46 848	15 182
1996 Outstanding	996 277	936 146		33 158	26 973
1997 Outstanding	1 034 831	975 394		32 347	31 090
1998 Outstanding	1 043 899	969 422		74 477	
1999 Outstanding	1 245 232	1 181 930		63 302	
2000 Outstanding	1 480 335	1 409 036		71 299	
2001 Outstanding	1 858 304	1 772 613		85 691	
2002 Outstanding	2 214 536	2 124 129		90 407	
2003 Outstanding	2 588 495	2 503 633		84 862	
2004 Outstanding	2 852 667	2 729 233		123 434	
2005 Outstanding	3 142 228	3 013 072		129 156	
2006 Outstanding	3 384 723	3 239 339		145 384	
2007 Outstanding	3 519 847	3 410 030		109 817	
2008 Outstanding	3 736 184	3 609 731		126 453	
2009 {	Issues	495 600	470 000		25 600
	Redemption	260 844	250 151		10 693
	Outstanding	3 970 940	3 829 580		141 360

**Table 145. Consolidated assets and liabilities**

End of year	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>	2003 <sup>r</sup>
Assets (net)=lia. & net worth (net)	21 705 159	22 564 013	23 364 934	25 343 768
Assets				
Foreign assets	4 883 389	6 002 790	7 319 788	8 847 602
Loans and discounts	14 424 307	14 031 735	13 727 077	14 323 817
Portfolio investments	2 110 951	2 282 561	2 077 753	1 974 473
Claims on other financial institutions	77 182	49 430	46 013	35 666
Real estate investments	45 776	45 623	38 539	281
Cash in vaults	163 554	151 874	155 764	161 929
Liabilities & net worth				
Foreign liabilities	457 918	539 787	704 089	1 133 784
Currency issued	708 580	692 912	698 460	785 164
Deposits held by enterprises and individuals	15 101 903	15 725 930	16 129 129	17 111 869
Government deposits	931 978	942 423	885 621	923 788
Due to other financial institutions	2 953 877	3 126 892	3 034 020	2 993 720
Bank debentures issued	91 668	202 611	377 303	541 227
Net worth	2 254 704	2 470 401	2 537 077	2 770 325
Other items (net)	- 795 469	-1 136 943	-1 000 765	- 916 109

**Table 146. Consolidated assets and liabilities**

End of year	2000 <sup>r</sup>	2001 <sup>r</sup>	2002 <sup>r</sup>	2003 <sup>r</sup>
Assets (net)=lia. & net worth (net)	24 317 510	25 629 805	27 176 004	29 875 387
Assets				
Foreign assets	5 005 511	6 352 382	7 871 456	9 966 938
Loans and discounts	15 405 259	15 067 541	14 760 107	15 328 300
Portfolio investments	3 466 061	3 772 995	4 082 440	4 151 309
Real estate investments	258 593	268 112	286 700	250 618
Cash in vaults	182 086	168 775	175 301	178 222
Liabilities & net worth				
Foreign liabilities	458 659	540 096	704 305	1 139 591
Currency issued	708 580	692 912	698 460	785 164
Deposits & money market mutual funds held by enterprises and individuals	17 935 389	18 775 362	19 190 814	20 225 380
Government deposits	938 737	949 400	890 155	929 697
Trust funds	496 549	700 131	955 769	1 370 028
Life insurance reserves	2 492 372	2 919 504	3 494 402	4 148 006
Bank debentures issued	91 668	202 611	377 303	541 227
Net worth	2 450 235	2 681 307	2 721 955	3 055 453
Other items (net)	-1 254 679	-1 831 518	-1 857 159	-2 319 159

**of monetary institution**

Millions of N.T. Dollars

2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
27 187 876	29 653 996	30 890 226	31 615 373	33 655 078	35 241 318
9 300 710	10 434 530	10 983 878	11 363 119	12 934 231	14 565 944
15 857 554	17 136 590	17 561 347	18 001 918	18 461 595	18 603 498
1 825 223	1 893 765	2 160 147	2 048 930	2 055 668	1 870 943
33 380	12 941	3 080	19 043	7 010	12 660
281	281	1	1	1	1
170 728	175 889	181 773	182 362	196 573	188 272
1 386 852	1 988 576	1 913 686	1 996 370	2 150 533	1 731 142
856 951	922 910	959 792	961 715	1 054 290	1 122 754
18 302 725	19 426 561	20 295 678	20 503 450	22 178 577	23 658 611
919 153	923 826	888 248	888 972	871 636	894 562
2 919 709	2 897 003	2 834 839	3 054 499	2 969 641	3 227 530
709 051	811 192	925 915	900 327	878 048	797 961
2 531 923	2 722 605	2 933 058	3 306 161	3 370 618	3 332 673
- 438 488	- 38 677	139 010	3 879	181 735	476 085

**of financial institution**

Millions of N.T. Dollars

2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>	2008 <sup>r</sup>	2009
32 531 284	36 024 614	38 425 821	39 629 701	42 218 832	44 959 182
10 712 940	12 382 522	13 278 845	13 927 717	15 592 614	17 709 233
16 852 463	18 166 221	18 709 910	19 200 570	19 734 090	19 806 154
4 519 940	5 043 060	5 972 715	6 006 318	6 345 753	6 840 454
257 420	239 726	262 635	295 320	324 878	392 676
188 521	193 085	201 716	199 776	221 497	210 665
1 389 579	1 988 874	1 913 993	1 996 647	2 150 809	1 731 412
856 951	922 910	959 792	961 715	1 054 290	1 122 754
21 630 202	23 088 559	24 302 352	24 546 195	26 413 363	28 082 096
925 284	931 901	901 968	932 044	948 229	1 005 609
1 586 074	1 856 404	2 496 023	3 420 323	2 885 596	3 036 163
4 873 543	5 704 449	6 434 160	7 140 109	7 839 316	8 969 442
709 051	811 192	925 915	900 327	878 048	797 961
2 845 363	3 058 598	3 515 992	3 818 543	3 594 489	3 844 889
-2 284 763	-2 338 273	-3 024 374	-4 086 202	-3 545 308	-3 631 144

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				
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 r	39	3 189	32	27	261	25
2008 r	37	3 140	32	27	264	25
2009	37	3 155	32	26	275	25

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

**of financial institutions**

Medium business banks	The postal savings system		Investment and trust companies	Reinsurance corporation	Life insurance <sup>2</sup> companies	Property & casualty insurance companies	Bills finance companies	Securities finance companies
	Head office	Branch office <sup>1</sup>						
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	30	21	10	4
1	1	1 444	-	1	30	20	10	4





## PRICES

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

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

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

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

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

Table 148. Indices of wholesale price

2006 = 100

Items	2004	2005	2006	2007	2008	2009
General index	94.09	94.67	100.00	106.47	111.95	102.17
Domestic sales including imports	91.80	93.55	100.00	107.59	116.82	105.38
Domestic sales excluding imports	93.61	95.00	100.00	106.39	115.48	103.93
Imports	89.72	91.90	100.00	108.95	118.58	107.19
Exports	100.03	97.57	100.00	103.56	101.34	94.65
Basic group indices						
Agriculture, forestry, livestock & fishery products	102.04	103.14	100.00	108.71	132.13	123.35
Farm products	99.52	103.12	100.00	113.98	134.13	115.94
Poultry & livestock products	109.57	109.14	100.00	105.42	133.49	129.92
Forest products	88.88	92.75	100.00	115.81	111.58	99.54
Aquatic products	100.10	97.38	100.00	100.65	126.07	130.11
Quarrying and mineral products	64.93	82.95	100.00	113.17	150.33	111.86
Energy minerals	60.28	79.96	100.00	111.63	144.92	101.45
Manufacturing products	96.30	95.28	100.00	105.84	108.05	99.67
Foods	96.23	96.27	100.00	109.12	121.52	118.42
Beverages	98.64	99.59	100.00	100.29	102.08	103.12
Tobaccos	92.49	91.88	100.00	102.94	102.49	111.48
Textile products	99.91	98.57	100.00	104.55	107.01	107.73
Ready-made apparel & accessories	103.06	99.59	100.00	100.30	97.02	100.24
Leather, fur & related products	96.99	97.10	100.00	105.13	104.77	104.23
Lumber & bamboo products	98.61	96.79	100.00	105.54	109.55	106.41
Pulp, paper & allied products	100.73	98.53	100.00	106.11	116.04	106.60
Petroleum & coal products	72.35	84.13	100.00	112.20	135.12	101.21
Chemical material	87.20	92.54	100.00	110.35	116.34	94.92
Chemical products & medical goods	98.43	98.19	100.00	102.75	107.46	110.03
Rubber & plastic products	96.91	97.49	100.00	103.28	109.41	111.53
Non-metallic mineral products	97.04	97.26	100.00	105.63	113.97	113.14
Basic metal	79.92	83.11	100.00	121.90	134.65	98.07
Fabricated metal products	94.95	97.12	100.00	110.65	119.31	106.88
Electronic parts & components	114.15	102.58	100.00	96.00	85.18	83.91
Computers, electronic & optical products	116.82	104.63	100.00	96.10	87.49	87.20
Electrical equipment	85.60	87.26	100.00	105.12	106.52	102.76
Machinery & equipment	102.39	99.68	100.00	101.66	105.72	112.13
Transportation equipment & parts	102.62	100.52	100.00	101.29	103.93	108.40
Furniture & fixtures	97.59	98.69	100.00	101.78	106.85	108.97
Miscellaneous products	96.84	97.58	100.00	102.56	103.79	107.30
Water supply, electricity & gas	94.30	95.36	100.00	104.55	113.46	123.55
Water supply	94.68	94.68	100.00	100.00	100.00	100.00
Electricity	96.25	96.25	100.00	103.61	113.05	128.87
Gas	83.84	90.99	100.00	111.57	120.86	103.53

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

2006 = 100

Groups	Agriculture, forestry livestock & fishery products	Minerals products	Manufacturing products	Manufacturing products		Water supply, electricity & gas
				Non-heavy chemical industrial products	Heavy chemical industrial products	
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
2009	123.35	111.86	99.67	108.41	97.69	123.55

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

2006 = 100

Groups	Raw materials	Intermediate materials	Finished goods	Capital goods	Consumer goods	Consumer goods	
						Durable consumer goods	Non-durable consumer goods
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
2009	112.35	104.50	107.89	109.40	106.50	98.81	109.52

**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	
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
2009	104.47	102.01	106.10	102.65	109.50	107.14	93.61	102.96

Table 152. Indices of consumer price

2006 = 100

Items	2004	2005 <sup>r</sup>	2006	2007	2008	2009
General index	97.17	99.41	100.00	101.80	105.39	104.47
Food	93.84	100.64	100.00	102.85	111.65	111.16
Cereals & cereal products	95.95	98.85	100.00	102.56	114.10	116.39
Rice & rice products	95.83	100.00	100.00	99.82	108.37	113.49
Meat	95.06	100.84	100.00	103.28	118.71	118.25
Meat products	96.10	98.88	100.00	100.68	112.30	118.17
Eggs	83.27	104.21	100.00	105.00	127.29	127.94
Fish & shellfish	94.99	99.30	100.00	106.19	119.43	124.64
Processed fishes	94.54	97.32	100.00	100.91	113.25	120.12
Vegetables	84.68	109.53	100.00	109.49	109.38	97.52
Processed vegetables	100.57	100.30	100.00	103.34	114.24	118.36
Fruits	82.95	98.97	100.00	96.46	108.48	102.24
Processed fruits	97.39	98.72	100.00	100.55	104.66	109.43
Dairy products	97.36	98.81	100.00	105.78	117.35	120.05
Bean and bean products	95.09	95.66	100.00	98.39	112.99	116.19
Edible oil	97.87	98.75	100.00	107.58	143.95	139.66
Condiments	99.73	99.29	100.00	100.48	105.32	108.78
Alcoholic	99.14	99.80	100.00	99.63	99.98	98.70
Nonalcoholic beverages	102.08	101.33	100.00	100.26	103.86	104.06
Cooked food	97.60	98.74	100.00	102.57	109.24	111.88
Food away from home	97.85	99.33	100.00	102.50	110.14	110.91
Other food	95.27	97.90	100.00	101.75	110.42	115.07
Clothing	102.54	102.47	100.00	103.01	104.88	104.81
Garments	105.07	104.54	100.00	103.17	104.02	103.14
Footwear	100.10	101.95	100.00	101.82	102.60	102.28
Apparel services & accessories	94.80	94.87	100.00	103.37	109.01	111.99
Housing	98.78	99.16	100.00	100.94	102.39	102.05
Residential rent	99.85	99.80	100.00	100.20	100.82	100.58
Maintenance & repairs	93.03	96.21	100.00	104.41	109.12	106.58
Household appliances	98.80	99.41	100.00	101.56	104.33	104.86
Household keeping services	100.69	100.52	100.00	99.90	99.33	99.06
Water, electricity & gas supply	94.61	96.27	100.00	103.46	107.76	107.09
Transportation & communication	97.09	98.35	100.00	101.72	104.10	99.93
Transportation equipment	105.12	102.37	100.00	99.37	97.98	93.54
Oils	83.19	89.83	100.00	106.10	113.54	101.73
Communication services	100.24	100.56	100.00	100.67	102.16	101.19
Medicines & medical care	93.09	96.80	100.00	103.91	106.17	106.81
Medical care services	90.85	95.82	100.00	100.45	101.64	102.73
Medicines & health food	97.51	98.54	100.00	115.91	122.06	121.87
Medical supplies & appliance	101.40	101.12	100.00	99.66	100.17	99.18
Education & entertainment	100.06	99.83	100.00	100.61	101.93	100.11
Educational expenses	99.35	99.64	100.00	100.33	100.45	99.43
Entertainment expenses	102.13	100.37	100.00	101.42	104.59	101.32
Miscellaneous	96.08	95.76	100.00	101.90	103.50	106.46
Tobacco & betelnut	91.21	89.85	100.00	103.83	104.96	115.94
Cosmetic items	99.28	99.91	100.00	100.99	104.66	105.70
Personal care services	98.87	99.41	100.00	99.90	99.50	99.03
Others	99.97	99.52	100.00	101.04	103.35	103.20

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

2006 = 100

Groups	2004	2005	2006	2007	2008	2009
General index	89.72	91.90	100.00	108.95	118.58	107.19
Foods and edible live animals	91.42	86.90	100.00	124.65	140.25	124.60
Beverages and tobaccos	95.72	97.91	100.00	104.92	105.93	108.11
Inedible crude materials, except fuels	85.26	91.40	100.00	117.47	143.11	119.69
Fuels and related materials	65.18	83.27	100.00	113.06	151.70	110.21
Chemicals and related products	92.05	94.57	100.00	108.66	114.37	104.74
Manufacturing goods classified by materials	75.52	78.49	100.00	121.13	126.01	101.24
Machinery and transport equipments	109.74	102.21	100.00	98.77	94.46	100.26
Miscellaneous products	106.94	100.82	100.00	101.47	100.14	103.82

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

2006 = 100

Groups	2004	2005	2006	2007	2008	2009
General index	100.03	97.57	100.00	103.56	101.34	94.65
Foods and edible live animals	97.66	96.58	100.00	100.19	122.92	120.71
Inedible crude materials, except fuels	90.51	94.48	100.00	110.90	123.92	100.99
Chemicals and related products	92.50	94.41	100.00	110.50	113.10	99.97
Manufacturing goods classified by materials	92.75	94.63	100.00	110.04	113.66	102.41
Machinery and transport equipments	108.52	100.77	100.00	97.72	90.22	90.17
Miscellaneous products	94.42	95.95	100.00	104.10	105.89	90.54

## ADMINISTRATION

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

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

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

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

Table 155. Civil service personnel

Year	Total	Administrative agencies		
		Sub-total	Central government	Local governments
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
2009	339 875	222 336	90 541	131 795

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



## by organizations

Persons

Public enterprises			All level of schools		
Sub-total	Central government	Local governments	Sub-total	Central government	Local governments
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
92 460	86 703	5 757	25 079	9 630	15 449

Table 156. Civil service

Year	Total	24 <sup>-</sup>	25-29	30-34	35-39
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
2009	339 875	5 718	22 202	33 750	55 813

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

## personnel by ages

Persons

40-44	45-49	50-54	55-59	60-64	65 <sup>+</sup>	Average age (Years)
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
65 753	64 184	49 871	29 338	12 525	721	43.4

Table 157. Central

Year and kind of election	Population	Eligible voters	Date of balloting			Number of candidates		
			Year	Month	Day	Sub-total	Male	Female
1980								
National assemblymen	17 474 500	9 891 068	1980	12	6	185	168	17
Legislators	17 474 500	9 921 965	1980	12	6	218	201	17
						(287)	(...)	(...)
Control Yuan Members	-	175	1980	12	29	54	47	7
						(75)	(...)	(...)
1983								
Legislators	18 647 856	10 908 171	1983	12	3	171	149	22
						(270)	(...)	(...)
1986								
National assemblymen	19 405 473	11 790 344	1986	12	6	169	144	25
Legislators	19 405 473	11 814 315	1986	12	6	137	125	12
						(...)	(...)	(...)
1989								
Legislators	20 040 882	12 600 901	1989	12	2	302	276	26
						(...)	(...)	(...)
1991								
2nd term National assemblymen	20 491 467	13 083 119	1991	12	21	627	551	76
						(160)	(145)	(15)
1992								
2nd term legislators	20 685 341	13 421 170	1992	12	19	348	312	36
						(55)	(45)	(10)
1995								
3rd term legislators	21 263 225	14 153 420	1995	12	2	332	292	40
						(65)	(55)	(10)
1996								
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	353	79
						(159)	(135)	(24)
1998								
4th term legislators	21 833 772	14 961 930	1998	12	5	397	333	64
						(101)	(79)	(22)
2000								
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	372	83
						(129)	(102)	(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	321	65
						(106)	(75)	(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	235	60
						(128)	(67)	(61)

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

## public office elections

persons, %

Number of elected officials			Turn-outs	Eligible voters as % of population	Turn-outs as % of eligible voters	Elected officials as % of candidates
Sub-total	Male	Female				
76	64	12	6 570 847	56.60	66.43	41.08
70	63	7	6 584 338	56.78	66.36	32.11
(27)	(26)	(1)				
22	18	4	175	-	100.00	40.74
(10)	(8)	(2)				
71	63	8	6 891 160	58.50	63.17	41.52
(27)	(27)	(-)				
84	68	16	7 714 392	60.76	65.43	49.70
73	66	7	7 723 637	60.88	65.38	53.28
(27)	(26)	(1)				
101	88	13	9 470 526	62.88	75.16	33.44
(29)	(28)	(1)				
325	194	31	8 938 622	63.85	68.32	51.83
(100)	(89)	(11)				
125	113	12	9 666 020	64.88	72.02	35.92
(36)	(32)	(4)				
128	109	19	9 574 388	66.56	67.65	38.55
(36)	(32)	(4)				
1	1	0	10 883 279	67.16	76.04	25.00
234	191	43	10 769 224	66.58	76.21	54.17
(100)	(82)	(18)				
176	141	35	10 188 302	68.53	68.09	44.33
(49)	(41)	(8)				
1	1	0	12 786 671	69.86	82.69	20.00
176	137	39	10 469 005	70.79	66.16	38.68
(49)	(38)	(11)				
1	1	0	13 251 719	73.12	80.28	50.00
176	144	32	9 796 299	73.14	59.16	45.60
(49)	(34)	(15)				
1	1	0	13 221 609	75.56	76.33	50.00
79	62	17	10 050 619	74.94	58.50	26.78
(34)	(17)	(17)				

Table 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	11 111 460	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	16 727 910	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
16th term	9 346 529	7 051 039	2009	12	5	54	47	7

## 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	8 480 041	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	1 008 314	62.17	65.53	68.92
51	41	10	1 215 198	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	574 260	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	7 677 421	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
17	14	3	4 466 403	75.44	63.34	31.48







**Table 160. 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.
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
2009	51	3	4	3	2	4	4	24	7