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2013

**DIRECTORATE-GENERAL OF BUDGET, ACCOUNTING AND STATISTICS
EXECUTIVE YUAN, REPUBLIC OF CHINA**

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**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA
2013**

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INTRODUCTION

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

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 56st issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2013 *Statistical Yearbook* is placed before the list of contents in this publication.
2. The introduction to compilation methodology for each section of statistical tables is condensed to a maximum of two pages and put at the start of the related section.

This yearbook divided into 18 sections, and 167 tables. The table numbers contained in each section are arranged as follows :

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

Corresponding Table Numbers between the 56st issue of the United Nations' Statistical Yearbook and the 2013 Statistical Yearbook of the Republic of China

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5	121	37	not applicable
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29	110	61	154
30	not applicable	62	not applicable
31	111	63	not applicable
32	not applicable	64	not applicable

EXPLANATION OF SYMBOLS

Not available.....	...
None.....	-
Insignificant.....	--
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* 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* by the Department of Statistics Ministry of Transportation and Communications are the same as those reported by the Central Weather Bureau .

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

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

The cultivated land refers to land under temporary and permanent crops, and can be classified into paddy field, and upland field of registered land, non-registered 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

km²

Year	Area			Cultivated ^{1,2} land area	Forest land area ¹
	Total	Land area	Reclamation		
1984	36 179.12	36 140.27	38.85	8 916.55	18 651.41
1985	36 179.12	36 140.27	38.85	8 876.60	18 651.41
1986	36 181.92	36 143.07	38.85	8 874.51	18 651.41
1987	36 181.92	36 143.07	38.85	8 862.81	18 651.41
1988	36 181.92	36 143.07	38.85	8 949.74	18 651.41
1989	36 181.87	36 143.02	38.85	8 946.01	18 651.41
1990	36 181.87	36 143.02	38.85	8 900.90	18 651.41
1991	36 181.87	36 143.02	38.85	8 844.43	18 469.70
1992	36 181.87	36 143.02	38.85	8 759.51	18 469.70
1993	36 181.87	36 143.02	38.85	8 745.35	18 662.08
1994	36 181.87	36 143.02	38.85	8 723.07	18 662.08
1995	36 181.87	36 143.02	38.85	8 733.78	21 023.12
1996	36 181.87	36 143.02	38.85	8 721.59	21 017.19
1997	36 188.04	36 149.19	38.85	8 648.17	21 017.19
1998	36 188.04	36 149.19	38.85	8 587.56	21 017.19
1999	36 188.04	36 149.19	38.85	8 550.73	21 017.19
2000	36 188.04	36 149.19	38.85	8 514.95	21 017.19
2001	36 188.04	36 149.19	38.85	8 487.43	21 017.19
2002	36 188.04	36 149.19	38.85	8 473.34	21 017.19
2003	36 188.04	36 149.19	38.85	8 440.97	21 017.19
2004	36 188.04	36 149.19	38.85	8 355.07	21 017.19
2005	36 188.04	36 149.19	38.85	8 331.76	21 017.19
2006	36 188.04	36 149.19	38.85	8 295.27	21 017.19
2007	36 189.51	36 150.66	38.85	8 259.47	21 017.19
2008	36 189.51	36 150.66	38.85	8 223.64	21 017.19
2009	36 191.47	36 152.62	38.85	8 154.62	21 017.19
2010 r	36 191.47	36 152.62	38.85	8 131.26	21 017.19
2011	36 192.82	36 153.97	38.85	8 082.94	21 017.19
2012	36 192.82	36 152.62	40.20	8 028.76	21 017.19
2013	36 192.82	36 152.62	40.20	7 998.30	21 017.19

Notes : ¹ Data do not include Kinmen County and Lienchiang County.² Cultivated land refers to land under temporary and permanent crops, and can be classified into paddy field, and upland field of registered land, non-registered 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
1984	22.0	22.0	22.0	21.9	21.8	22.5	22.6	19.1	10.7	24.3	24.5
1985	22.3	22.0	22.6	22.0	22.1	22.6	23.1	19.3	10.8	24.2	24.7
1986	22.2	21.6	22.4	22.1	21.6	22.7	22.8	18.9	10.6	24.4	24.2
1987	22.6	21.9	23.0	22.5	22.4	23.1	23.6	19.6	11.3	25.1	25.3
1988	22.6	21.7	23.1	22.3	22.1	22.9	23.4	20.0	11.2	24.9	25.2
1989	22.3	21.9	23.1	22.2	22.0	22.9	22.9	19.1	10.4	24.9	24.8
1990	22.2	22.6	23.5	22.7	22.6	23.2	23.3	19.5	10.9	25.1	25.1
1991	22.6	22.3	23.5	22.5	22.3	23.5	23.5	19.4	11.1	25.3	25.1
1992	22.2	21.4	22.3	21.6	21.9	22.9	23.1	18.7	10.5	24.9	25.0
1993	22.7	22.1	22.7	22.2	22.3	23.4	23.4	19.2	10.9	25.1	25.2
1994	23.0	22.3	23.2	22.5	22.8	23.5	23.9	19.3	11.3	25.2	25.4
1995	22.2	21.6	22.3	21.9	22.0	22.9	23.1	18.8	10.9	24.6	24.9
1996	22.4	21.6	22.5	22.2	22.2	23.2	23.4	19.1	11.1	24.8	25.0
1997	22.5	21.8	22.5	22.1	22.4	23.4	23.3	19.0	10.9	25.0	25.0
1998	23.6	22.5	23.6	23.4	23.4	24.3	24.3	19.9	12.0	25.8	26.0
1999	22.9	22.3	23.0	22.5	22.7	23.7	23.6	19.3	11.4	25.2	25.1
2000	22.8	22.4	23.2	22.6	22.9	23.7	23.7	19.1	11.3	25.1	25.3
2001	23.0	22.3	23.3	22.7	22.8	23.6	23.7	19.2	11.5	25.1	25.2
2002	23.3	22.7	23.8	23.2	23.1	24.1	23.9	19.2	11.4	25.6	25.4
2003	23.1	22.4	23.5	23.0	22.7	23.9	23.6	19.3	11.1	25.4	25.3
2004	22.6	22.0	23.1	22.6	22.5	23.4	23.3	19.1	11.0	25.2	25.1
2005	22.3	22.0	23.3	22.5	22.6	23.3	23.4	19.0	11.6	25.0	25.0
2006	22.9	22.5	23.8	22.9	23.2	23.8	23.7	19.5	11.8	25.7	25.9
2007	22.9	22.5	23.6	23.1	23.2	23.8	23.9	19.5	11.7	25.5	25.8
2008	22.7	22.3	23.2	22.8	23.0	23.5	23.6	19.3	11.2	25.1	25.4
2009	22.7	22.7	23.4	23.1	22.9	23.8	23.8	19.3	11.6	25.4	25.4
2010	22.6	22.3	23.3	22.7	22.7	23.7	23.7	19.2	11.8	25.4	25.4
2011 r	22.2	21.6	22.7	22.3	22.1	23.5	23.1	18.9	11.0	24.9	24.7
2012	22.6	22.1	23.2	22.7	22.6	23.6	23.3	19.2	11.5	25.4	25.5
2013	22.7	22.7	23.4	22.9	22.7	23.6	23.5	19.4	11.5	25.5	25.6

Table 3. Average relative humidity

%

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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	79	81	79	80	84	78	81	82	87	78	76
2001	76	79	77	78	82	75	79	81	87	76	75
2002	72	78	76	77	80	73	77	82	87	75	72
2003	74	77	76	77	80	72	77	81	85	74	72
2004	74	80	75	78	77	73	77	82	83	73	71
2005	75	80	76	76	78	77	77	84	91	76	74
2006	77	81	76	76	79	77	76	83	92	76	73
2007	76	79	76	75	80	74	77	81	89	75	72
2008	76	78	75	75	76	75	78	80	89	75	74
2009	77	75	74	73	75	72	75	83	87	75	74
2010	78	79	76	77	78	75	74	82	85	75	76
2011	77	79	76	80	79	72	75	83	88	75	76
2012	78	81	75	80	81	73	76	84	88	76	77
2013	77	78	70	76	82	73	76	83	86	74	74

Table 4. Precipitation at station

mm

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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	5 796	3 008	3 226	1 937	4 844	2 045	3 062	2 357	4 057	1 991	2 845
2001	3 642	2 679	2 862	2 293	3 522	1 981	2 569	2 206	4 017	2 557	2 495
2002	2 607	1 178	1 346	1 091	1 651	1 316	1 062	1 456	2 197	1 038	1 614
2003	2 156	968	1 193	878	1 413	931	1 349	1 479	2 299	1 326	1 882
2004	3 886	2 302	2 830	2 262	2 557	2 261	1 983	2 405	4 192	1 440	1 550
2005	4 241	2 778	3 028	2 384	3 330	2 575	2 777	3 005	5 801	2 821	2 339
2006	3 724	2 591	2 288	2 128	2 730	2 172	1 901	3 229	5 331	2 046	1 690
2007	4 064	2 673	3 016	1 964	3 115	2 433	2 526	2 822	5 043	2 194	2 140
2008	3 674	2 576	2 969	2 167	2 846	2 478	2 312	3 851	5 887	2 591	2 005
2009	3 655	1 322	1 669	1 120	2 930	1 979	2 536	1 798	5 222	1 756	1 854
2010	3 304	2 070	2 278	1 605	2 542	2 054	1 769	1 932	3 655	2 161	2 421
2011	3 727	1 714	1 759	1 223	2 782	1 205	2 200	1 725	3 656	1 797	2 597
2012	3 909	2 999	2 910	2 741	2 916	2 203	2 303	3 091	5 166	2 197	2 942
2013	3 768	2 344	2 541	2 044	2 553	2 133	1 971	2 934	4 966	1 688	2 098

Table 5. Number of days with precipitation

Days

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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	216	179	188	128	230	119	164	161	169	95	123
2001	204	170	174	119	189	121	152	151	157	91	104
2002	161	136	136	99	159	101	126	130	134	71	91
2003	150	123	127	88	145	74	110	122	135	66	92
2004	168	146	155	115	169	94	122	129	131	69	82
2005	195	161	172	131	188	127	147	171	163	96	104
2006	195	154	167	121	204	132	161	169	174	81	97
2007	195	162	169	119	204	128	157	168	174	97	113
2008	187	144	168	122	194	126	185	160	177	96	105
2009	193	145	152	103	168	86	143	111	134	72	109
2010	181	153	168	130	187	131	161	151	160	82	117
2011	216	158	180	132	192	109	144	133	174	85	110
2012	229	169	179	157	205	141	183	160	174	102	123
2013	200	141	158	140	190	140	168	147	174	81	121

Table 6. Duration of sunshine

Hours

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
1984	1 206	1 308	1 253	1 587	1 321	2 090	1 430	1 683	1 629	2 323	2 308
1985	1 154	1 378	1 292	1 634	1 325	2 080	1 428	1 648	1 497	2 429	2 198
1986	1 288	1 596	1 425	1 869	1 299	2 122	1 413	1 620	1 676	2 276	2 294
1987	1 323	1 679	1 387	1 728	1 388	2 173	1 467	1 739	1 744	2 237	2 372
1988	1 174	1 522	1 311	1 684	1 268	2 033	1 274	1 676	1 809	2 220	2 361
1989	1 175	1 368	1 353	1 686	1 292	2 014	1 410	1 683	1 747	2 133	2 251
1990	1 119	1 371	1 387	1 636	1 176	1 956	1 294	1 574	1 562	1 870	2 076
1991	1 177	1 373	1 343	1 613	1 337	2 066	1 465	1 615	1 602	2 124	2 236
1992	1 007	1 302	1 311	1 601	1 234	1 771	1 406	1 450	1 428	1 939	2 225
1993	1 188	1 598	1 463	1 886	1 436	2 106	1 500	1 869	1 624	2 201	2 259
1994	1 300	1 633	1 452	1 875	1 382	2 069	1 534	1 597	1 521	2 049	1 816
1995	1 157	1 528	1 365	2 003	1 255	2 025	1 464	1 682	1 577	2 139	1 978
1996	1 344	1 672	1 559	2 099	1 418	2 103	1 562	1 871	1 620	2 219	2 387
1997	1 267	1 534	1 362	1 720	1 387	2 006	1 388	1 657	1 477	1 997	2 088
1998	1 117	1 346	1 187	1 648	1 345	1 882	1 472	1 594	1 471	2 075	2 254
1999	1 100	1 454	1 139	1 697	1 356	1 942	1 430	1 519	1 396	1 939	2 110
2000	1 204	1 438	962	1 682	1 354	2 032	1 456	1 535	1 436	1 949	2 029
2001	1 398	1 597	1 497	1 848	1 469	2 169	1 579	1 543	1 586	2 232	2 266
2002	1 573	1 744	1 624	1 828	1 515	2 255	1 586	1 598	1 519	2 489	2 350
2003	1 549	1 800	1 658	2 110	1 519	2 346	1 677	1 797	1 577	2 515	2 395
2004	1 553	1 786	1 614	2 016	1 483	2 250	1 803	1 799	1 638	2 574	2 392
2005	1 349	1 483	1 397	1 682	1 431	1 805	1 544	1 546	1 491	2 329	2 174
2006	1 312	1 514	1 382	1 822	1 441	1 892	1 483	1 540	1 338	2 261	2 294
2007	1 244	1 549	1 413	1 879	1 486	1 963	1 576	1 599	1 449	2 365	2 282
2008	1 364	1 717	1 605	1 949	1 548	1 953	1 631	1 625	1 343	2 283	2 165
2009	1 473	1 751	1 632	1 972	1 611	2 094	1 773	1 748	1 678	2 523	2 218
2010	1 303	1 583	1 507	1 801	1 615	1 886	1 677	1 586	1 508	2 378	2 036
2011	1 173	1 431	1 252	1 671	1 412	1 842	1 473	1 366	1 309	2 137	1 835
2012	1 276	1 473	1 257	1 638	1 441	1 796	1 434	1 389	1 318	2 255	1 970
2013	1 346	1 541	1 261	1 780	1 418	1 889	1 566	1 542	1 393	2 307	2 265

Table 7. Number of occurrence of perceptible earthquake

Numbers

Year	Total	Taipei Area	Yilan Area	Taichung Area	Hualien Area	Chianan Area	Taitung Area	Kaoping Area	Other Areas
1984	78	12		3	31	4	27	1	-
1985	118	24		7	48	8	30	1	-
1986	761	66		5	638	8	43	1	-
1987	141	8		2	89	10	29	1	2
1988	202	26		6	129	12	25	1	3
1989	60	3		6	27	5	19	-	-
1990	294	4		3	269	5	10	2	1
1991	403	-	13	9	198	107	48	28	-
1992	384	3	25	18	229	27	64	18	-
1993	409	2	20	12	186	82	69	38	-
1994	1 183	4	60	50	789	78	61	135	6
1995	1 048	3	53	20	558	168	201	42	3
1996	674	3	34	19	241	112	194	71	-
1997	676	1	40	24	350	89	129	43	-
1998	741	5	63	31	308	141	132	57	4
1999	2 945	3	47	1 265	659	666	98	207	-
2000	1 457	-	26	354	525	307	116	126	3
2001	990	1	26	129	311	188	102	232	1
2002	1 668	5	325	115	912	114	121	75	1
2003	1 207	3	30	68	362	143	539	60	2
2004	709	4	34	50	215	77	272	56	1
2005	1 105	5	156	37	618	77	167	44	1
2006	785	3	27	46	195	60	366	84	4
2007	583	3	24	37	225	82	154	57	1
2008	651	5	35	27	248	103	165	63	5
2009	792	10	49	71	435	87	99	39	2
2010	545	2	34	43	217	64	98	83	4
2011	666	3	47	32	374	64	108	38	-
2012	879	1	17	69	539	79	94	79	1
2013	1 129	8	23	231	631	86	86	62	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 R.O.C: 2014 to 2061* prepared by the National Development Council. Other population statistics come from the *Demographic Fact Book*, 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 U.S. Census Bureau in its projection of population for a specific age.

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

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

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

End of Year	Population			Annual rate of increase (%)	Sex ratio (Female=100)	Average persons per household	Density (Persons/km ²)	Natural increase rate (‰)
	Both sexes	Male	Female					
1984	19 069 194	9 904 853	9 164 341	1.48	108.1	4.48	527.1	14.85
1985	19 313 825	10 023 344	9 290 481	1.28	107.9	4.42	533.8	13.23
1986	19 509 082	10 114 710	9 394 372	1.01	107.7	4.34	539.2	11.03
1987	19 725 010	10 217 434	9 507 576	1.11	107.5	4.24	545.2	11.10
1988	19 954 397	10 328 081	9 626 316	1.16	107.3	4.14	551.5	12.09
1989	20 156 587	10 424 102	9 732 485	1.01	107.1	4.06	557.1	10.57
1990	20 401 305	10 540 635	9 860 670	1.21	106.9	4.00	563.9	11.34
1991	20 605 831	10 640 276	9 965 555	1.00	106.8	3.94	569.5	10.52
1992	20 802 622	10 734 609	10 068 013	0.96	106.6	3.88	575.0	10.20
1993	20 995 416	10 824 161	10 171 255	0.93	106.4	3.82	580.3	10.27
1994	21 177 874	10 907 032	10 270 842	0.87	106.2	3.75	585.3	9.91
1995	21 357 431	10 990 657	10 366 774	0.85	106.0	3.67	590.3	9.90
1996	21 525 433	11 065 798	10 459 635	0.79	105.8	3.57	594.9	9.47
1997	21 742 815	11 163 764	10 579 051	1.01	105.5	3.50	600.8	9.48
1998	21 928 591	11 243 408	10 685 183	0.85	105.2	3.44	606.0	6.79
1999	22 092 387	11 312 728	10 779 659	0.75	105.0	3.38	610.5	7.16
2000	22 276 672	11 392 050	10 884 622	0.83	104.7	3.33	615.6	8.08
2001	22 405 568	11 441 651	10 963 917	0.58	104.4	3.29	619.1	5.94
2002	22 520 776	11 485 409	11 035 367	0.51	104.1	3.25	622.3	5.29
2003	22 604 550	11 515 062	11 089 488	0.37	103.8	3.21	624.6	4.27
2004	22 689 122	11 541 585	11 147 537	0.37	103.5	3.16	627.0	3.59
2005	22 770 383	11 562 440	11 207 943	0.36	103.2	3.12	629.2	2.92
2006	22 876 527	11 591 707	11 284 820	0.47	102.7	3.09	632.2	3.01
2007	22 958 360	11 608 767	11 349 593	0.36	102.3	3.06	634.4	2.76
2008	23 037 031	11 626 351	11 410 680	0.34	101.9	3.01	636.6	2.40
2009	23 119 772	11 636 734	11 483 038	0.36	101.3	2.96	638.8	2.07
2010	23 162 123	11 635 225	11 526 898	0.18	100.9	2.92	640.0	0.91
2011	23 224 912	11 645 674	11 579 238	0.27	100.6	2.88	641.7	1.88
2012	23 315 822	11 673 319	11 642 503	0.39	100.3	2.85	644.2	3.23
2013	23 373 517	11 684 674	11 688 843	0.25	100.0	2.82	645.8	1.85

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

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

Year	Birth		Death		Married		Divorced	
	Number (persons)	Crude birth rate (‰)	Number (persons)	Crude death rate (‰)	Couples	Crude marriage rate (couples per 1000 pop.)	Couples	Crude divorce rate (couples per 1000 pop.)
1984	371 008	19.60	89 915	4.75	155 364	8.21	19 023	1.00
1985	346 208	18.04	92 348	4.81	153 832	8.02	21 165	1.10
1986	309 230	15.93	95 057	4.90	145 854	7.51	22 385	1.15
1987	314 024	16.01	96 319	4.91	146 312	7.46	23 061	1.18
1988	342 031	17.24	102 113	5.15	155 548	7.84	25 012	1.26
1989	315 299	15.72	103 288	5.15	158 203	7.89	25 102	1.25
1990	335 618	16.55	105 669	5.21	142 943	7.05	27 451	1.35
1991	321 932	15.70	106 284	5.18	162 972	7.95	28 298	1.38
1992	321 632	15.53	110 516	5.34	169 461	8.18	29 205	1.41
1993	325 613	15.58	110 901	5.31	157 780	7.55	30 200	1.45
1994	322 938	15.31	113 866	5.40	170 864	8.10	31 899	1.51
1995	329 581	15.50	119 112	5.60	160 249	7.53	33 358	1.57
1996	325 545	15.18	122 489	5.71	169 424	7.90	35 875	1.67
1997	326 002	15.07	121 000	5.59	166 216	7.68	38 986	1.80
1998	271 450	12.43	123 180	5.64	145 976	6.69	43 603	2.00
1999	283 661	12.89	126 113	5.73	173 209	7.87	49 003	2.23
2000	305 312	13.76	125 958	5.68	181 642	8.19	52 670	2.37
2001	260 354	11.65	127 647	5.71	170 515	7.63	56 538	2.53
2002	247 530	11.02	128 636	5.73	172 655	7.69	61 213	2.73
2003	227 070	10.06	130 801	5.80	171 483	7.60	64 866	2.87
2004	216 419	9.56	135 092	5.97	131 453	5.80	62 796	2.77
2005	205 854	9.06	139 398	6.13	141 140	6.21	62 571	2.75
2006	204 459	8.96	135 839	5.95	142 669	6.25	64 540	2.83
2007	204 414	8.92	141 111	6.16	135 041	5.89	58 518	2.55
2008	198 733	8.64	143 624	6.25	154 866	6.73	55 995	2.43
2009	191 310	8.29	143 582	6.22	117 099	5.07	57 223	2.48
2010	166 886	7.21	145 772	6.30	138 819	6.00	58 115	2.51
2011	196 627	8.48	152 915	6.59	165 327	7.13	57 008	2.46
2012	229 481	9.86	154 251	6.63	143 384	6.16	55 980	2.41
2013	199 113	8.53	155 908	6.68	147 636	6.32	53 604	2.30

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 aging	Median age ¹ (Year)
	0-14	15-64	65+			
1984	30.2	64.9	4.9	54	16.1	24.4
1985	29.6	65.3	5.1	53	17.1	24.9
1986	29.0	65.7	5.3	52	18.2	25.3
1987	28.4	66.1	5.5	51	19.5	25.8
1988	28.0	66.3	5.7	51	20.5	26.3
1989	27.5	66.5	6.0	50	21.7	26.8
1990	27.1	66.7	6.2	50	23.0	27.2
1991	26.3	67.1	6.5	49	24.8	27.7
1992	25.8	67.4	6.8	48	26.4	28.2
1993	25.1	67.8	7.1	48	28.2	28.7
1994	24.4	68.2	7.4	47	30.2	29.1
1995	23.8	68.6	7.6	46	32.1	29.6
1996	23.1	69.0	7.9	45	34.0	30.1
1997	22.6	69.3	8.1	44	35.7	30.5
1998	22.0	69.8	8.3	43	37.6	31.2
1999	21.4	70.1	8.4	43	39.4	31.6
2000	21.1	70.3	8.6	42	40.9	32.1
2001	20.8	70.4	8.8	42	42.3	32.6
2002	20.4	70.6	9.0	42	44.2	33.1
2003	19.8	70.9	9.2	41	46.6	33.6
2004	19.3	71.2	9.5	40	49.0	34.2
2005	18.7	71.6	9.7	40	52.0	34.7
2006	18.1	71.9	10.0	39	55.2	35.2
2007	17.6	72.2	10.2	38	58.1	35.8
2008	17.0	72.6	10.4	38	61.5	36.3
2009	16.3	73.0	10.6	37	65.1	36.8
2010	15.7	73.6	10.7	36	68.6	37.4
2011	15.1	74.0	10.9	35	72.2	37.9
2012	14.6	74.2	11.2	35	76.2	38.4
2013	14.3	74.2	11.5	35	80.5	38.9

Notes : ¹ 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
1984	19 069 194	1 929 414	1 996 895	1 832 008	1 926 126	2 006 186	1 878 505	1 639 902	1 036 697	926 377
1985	19 313 825	1 866 549	2 035 953	1 813 642	1 912 260	1 999 571	1 898 036	1 713 055	1 159 452	894 682
1986	19 509 082	1 777 521	2 021 972	1 859 173	1 882 543	1 994 322	1 913 815	1 745 615	1 314 369	878 310
1987	19 725 010	1 684 379	2 029 602	1 886 617	1 872 408	1 960 854	1 948 272	1 768 454	1 430 984	901 802
1988	19 954 397	1 643 894	2 004 593	1 930 385	1 846 493	1 937 671	1 969 663	1 809 836	1 530 050	945 091
1989	20 156 587	1 606 605	1 955 602	1 980 990	1 818 652	1 918 760	1 975 360	1 846 137	1 606 595	1 022 313
1990	20 401 305	1 613 288	1 893 288	2 018 789	1 796 472	1 902 136	1 974 557	1 871 518	1 684 644	1 145 237
1991	20 605 831	1 623 446	1 794 009	2 009 695	1 840 047	1 871 602	1 965 733	1 889 119	1 720 569	1 299 350
1992	20 802 622	1 629 553	1 708 725	2 023 069	1 864 578	1 859 677	1 933 959	1 924 575	1 749 763	1 415 342
1993	20 995 416	1 614 598	1 669 798	1 995 309	1 906 190	1 831 670	1 911 217	1 945 458	1 789 101	1 512 385
1994	21 177 874	1 601 632	1 615 534	1 952 415	1 968 623	1 800 721	1 892 287	1 959 649	1 834 580	1 594 472
1995	21 357 431	1 590 485	1 601 359	1 884 239	2 008 335	1 779 571	1 881 015	1 958 377	1 858 380	1 670 238
1996	21 525 433	1 590 975	1 615 377	1 776 191	1 999 609	1 824 814	1 851 115	1 954 320	1 877 207	1 704 099
1997	21 742 815	1 599 094	1 627 015	1 688 171	2 012 253	1 851 573	1 842 670	1 922 538	1 915 911	1 732 870
1998	21 928 591	1 545 889	1 613 672	1 655 839	1 989 278	1 900 270	1 820 827	1 904 516	1 943 867	1 776 015
1999	22 092 387	1 507 221	1 625 278	1 602 097	1 940 252	1 958 757	1 796 059	1 889 664	1 951 084	1 815 880
2000	22 276 672	1 489 242	1 615 158	1 598 693	1 875 363	2 001 787	1 778 878	1 880 525	1 948 453	1 840 177
2001	22 405 568	1 426 759	1 618 964	1 616 161	1 768 347	1 992 372	1 828 743	1 855 510	1 946 820	1 859 355
2002	22 520 776	1 350 829	1 621 378	1 626 685	1 681 126	2 004 871	1 856 171	1 847 353	1 913 758	1 896 052
2003	22 604 550	1 309 903	1 561 046	1 610 671	1 646 048	1 977 231	1 901 431	1 821 029	1 891 845	1 919 263
2004	22 689 122	1 243 939	1 521 015	1 622 128	1 592 665	1 928 089	1 958 601	1 796 937	1 877 722	1 926 436
2005	22 770 383	1 144 355	1 502 936	1 611 758	1 590 254	1 864 520	2 002 501	1 781 545	1 870 226	1 925 056
2006	22 876 527	1 092 942	1 437 160	1 615 529	1 608 668	1 760 487	1 998 797	1 835 988	1 850 260	1 927 547
2007	22 958 360	1 052 585	1 359 780	1 618 280	1 620 326	1 675 596	2 017 016	1 866 769	1 845 404	1 897 013
2008	23 037 031	1 026 206	1 319 870	1 559 127	1 605 952	1 642 305	1 994 567	1 916 670	1 823 587	1 878 514
2009	23 119 772	1 002 160	1 255 927	1 519 931	1 618 327	1 589 926	1 950 841	1 982 094	1 804 994	1 868 115
2010	23 162 123	964 093	1 158 304	1 501 914	1 608 154	1 586 737	1 886 699	2 029 110	1 791 704	1 862 445
2011	23 224 912	956 990	1 108 386	1 436 414	1 612 237	1 604 002	1 778 838	2 023 066	1 844 591	1 842 060
2012	23 315 822	983 683	1 068 274	1 359 720	1 615 525	1 615 579	1 688 435	2 038 988	1 874 388	1 837 206
2013	23 373 517	986 951	1 039 973	1 319 677	1 556 952	1 601 542	1 650 491	2 014 190	1 924 082	1 815 671

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+
844 159	800 224	756 448	570 673	385 983	284 281	153 929	69 949	24 584		6 854	
868 347	795 314	776 164	603 745	406 715	294 671	164 130	76 551	27 452		7 536	
889 717	790 208	783 297	627 678	437 895	302 798	172 868	80 452	28 774		7 755	
903 857	802 202	786 726	655 426	467 117	309 632	190 184	86 581	31 433		8 480	
914 310	812 147	778 968	685 509	489 410	319 667	202 989	91 266	33 041		9 414	
915 500	827 488	771 386	709 878	515 006	328 513	214 093	98 274	35 392		10 043	
887 542	851 976	765 281	727 946	546 450	346 810	222 946	103 599	38 266		10 560	
873 267	873 650	760 501	739 414	571 441	376 177	232 334	111 908	41 650		11 919	
887 387	882 182	770 190	737 489	594 180	400 066	239 016	124 816	44 569	11 394	1 801	291
927 945	891 163	778 101	731 680	624 985	421 222	247 103	135 716	47 089	12 237	2 069	380
1 000 743	883 687	789 157	722 018	647 138	444 508	256 041	146 238	51 790	13 780	2 364	497
1 120 607	848 364	810 191	715 216	663 674	470 126	270 923	152 575	55 713	14 924	2 614	505
1 275 488	827 045	828 300	709 285	671 468	490 537	293 422	156 180	60 055	16 336	3 027	583
1 392 439	848 551	839 094	718 580	672 937	514 004	314 268	160 549	68 321	17 858	3 402	717
1 490 384	895 191	851 945	730 667	667 738	543 076	333 570	167 429	74 776	19 089	3 750	803
1 567 781	974 543	850 827	747 472	663 430	565 908	354 407	175 619	80 058	21 046	4 138	866
1 644 449	1 096 189	817 926	768 524	659 042	582 622	378 169	188 721	84 265	22 959	4 564	966
1 678 885	1 250 525	800 735	789 035	656 027	591 347	398 637	207 848	88 205	25 222	4 948	1 123
1 706 154	1 363 730	821 946	799 423	665 502	593 675	419 184	224 363	92 436	29 336	5 506	1 298
1 744 527	1 456 435	866 063	811 324	677 189	589 974	443 852	239 280	97 340	32 724	5 954	1 421
1 783 714	1 532 407	943 933	811 061	694 392	588 148	464 817	255 848	103 711	35 343	6 643	1 573
1 808 740	1 608 391	1 062 981	780 316	715 262	586 360	480 569	275 448	112 551	37 635	7 236	1 743
1 832 448	1 646 546	1 216 871	766 255	737 193	586 672	491 500	294 363	126 836	40 384	8 137	1 944
1 869 685	1 674 991	1 329 160	788 663	748 863	597 005	495 565	310 951	137 363	41 807	9 576	1 962
1 895 846	1 715 897	1 422 226	834 044	762 519	609 541	494 896	331 096	147 409	44 605	10 281	1 873
1 905 475	1 755 730	1 497 842	910 762	764 075	627 518	496 030	349 408	159 031	48 364	11 221	2 001
1 904 868	1 780 392	1 572 529	1 027 281	736 850	648 886	497 209	364 105	173 270	53 396	12 066	2 111
1 905 738	1 800 906	1 608 114	1 175 321	724 538	669 950	498 980	373 442	186 330	60 206	12 662	2 141
1 874 953	1 838 162	1 636 437	1 284 320	747 480	682 956	509 783	378 576	198 883	66 290	13 585	2 599
1 856 314	1 863 764	1 675 557	1 373 947	792 163	696 464	523 185	380 160	213 004	71 974	14 618	2 838

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
1984	9 904 853	995 173	1 028 071	941 453	987 739	1 027 912	958 965	837 342	531 587	473 507
1985	10 023 344	962 831	1 048 601	931 912	981 181	1 024 483	969 901	874 647	594 395	457 537
1986	10 114 710	917 072	1 041 447	955 801	966 716	1 021 437	978 271	891 206	673 229	449 242
1987	10 217 434	869 769	1 045 548	969 628	959 733	1 004 717	997 449	902 960	731 800	460 504
1988	10 328 081	850 875	1 032 898	993 204	946 268	992 769	1 007 453	924 044	781 227	482 685
1989	10 424 102	832 292	1 007 704	1 019 573	931 441	983 442	1 012 566	942 367	819 835	522 260
1990	10 540 635	836 309	974 530	1 038 378	919 522	974 754	1 011 861	957 301	859 616	585 909
1991	10 640 276	843 907	924 557	1 034 173	942 699	959 307	1 006 489	964 915	878 637	663 796
1992	10 734 609	848 534	882 271	1 042 014	955 702	952 881	990 251	983 486	892 329	722 576
1993	10 824 161	838 993	863 197	1 026 965	977 797	939 178	978 571	994 422	912 226	770 835
1994	10 907 032	836 012	837 095	1 006 634	1 011 303	922 677	967 512	999 784	932 906	810 417
1995	10 990 657	828 904	832 631	971 636	1 032 061	911 104	962 374	999 400	945 331	848 300
1996	11 065 798	828 407	842 803	916 435	1 027 808	935 259	946 727	996 496	954 943	865 339
1997	11 163 764	831 971	849 722	871 942	1 034 479	948 608	940 902	980 473	975 340	878 916
1998	11 243 408	804 753	842 641	856 638	1 022 518	972 277	928 765	971 092	989 035	900 056
1999	11 312 728	784 903	848 731	830 111	997 692	1 002 156	915 210	962 506	992 806	919 603
2000	11 392 050	776 698	841 773	831 160	964 868	1 023 835	905 239	957 030	990 211	931 580
2001	11 441 651	743 975	842 623	842 567	910 170	1 018 859	930 094	943 317	988 598	941 127
2002	11 485 409	704 807	843 183	849 202	866 630	1 026 165	943 791	936 397	971 469	960 079
2003	11 515 062	684 174	812 247	840 744	850 160	1 012 438	967 088	921 888	960 123	971 638
2004	11 541 585	650 216	791 835	846 780	823 881	988 195	996 749	907 862	951 254	975 195
2005	11 562 440	598 086	783 379	839 692	825 590	956 187	1 018 399	897 966	945 670	972 854
2006	11 591 707	571 699	749 063	840 418	837 559	902 971	1 014 502	923 631	932 908	972 298
2007	11 608 767	550 561	709 220	841 204	844 751	860 639	1 022 008	937 762	926 562	956 057
2008	11 626 351	536 491	689 226	810 883	837 112	845 169	1 009 260	961 387	913 095	945 857
2009	11 636 734	523 013	656 333	790 956	843 652	819 263	985 114	990 622	899 207	937 285
2010	11 635 225	503 400	605 233	782 666	836 734	821 067	953 304	1 012 113	889 468	932 140
2011	11 645 674	498 746	579 777	748 622	837 814	832 933	899 967	1 007 873	914 496	919 426
2012	11 673 319	511 559	558 811	709 152	839 044	840 354	857 626	1 015 792	928 490	912 991
2013	11 684 674	512 213	543 718	689 170	809 139	833 182	842 171	1 003 345	952 401	899 869

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+
427 824	438 062	450 737	330 954	214 257	148 949	71 605	29 701	8 963			2 052
439 276	422 743	457 701	353 055	227 086	155 872	76 784	32 800	10 214			2 325
450 112	411 299	454 885	367 380	245 455	162 316	81 030	34 638	10 754			2 420
457 594	410 236	448 336	385 499	263 430	165 291	92 604	37 690	11 965			2 681
463 632	410 988	433 808	403 571	276 956	171 685	100 312	39 687	12 973			3 046
465 199	416 487	417 661	415 948	292 469	177 106	107 237	43 202	14 021			3 292
450 964	428 066	402 381	422 559	312 353	188 119	113 229	45 807	15 456			3 521
443 856	438 826	391 291	423 353	328 180	205 323	120 044	49 856	16 909			4 158
451 477	443 183	389 203	413 629	342 974	219 690	123 100	58 049	18 389	4 186	606	79
471 877	447 587	389 157	401 476	361 512	232 766	128 111	64 618	19 452	4 619	680	122
508 108	444 463	390 779	385 289	374 358	247 589	134 194	70 333	21 409	5 198	808	164
568 978	426 680	400 396	370 095	380 492	264 749	143 043	74 364	23 301	5 738	905	175
646 207	415 574	408 932	357 729	379 841	277 751	155 747	77 128	25 113	6 278	1 078	203
705 103	426 471	414 295	355 662	372 322	292 130	167 889	79 065	29 977	6 951	1 271	275
753 418	449 997	421 175	357 588	359 898	308 800	179 024	82 971	33 535	7 485	1 423	319
791 357	489 804	421 673	363 324	346 812	320 675	190 909	87 710	36 476	8 311	1 611	348
829 386	550 932	405 574	372 741	333 391	326 658	205 981	94 920	38 710	9 168	1 807	388
846 586	627 410	397 003	382 731	323 539	326 319	218 110	105 011	41 096	10 045	1 994	477
858 992	683 753	407 786	388 001	322 139	320 449	230 394	114 146	42 843	12 364	2 213	606
877 898	729 037	429 830	394 429	324 142	309 833	244 424	122 381	45 323	14 162	2 421	682
896 871	765 796	468 133	395 322	330 091	299 144	254 807	131 554	48 850	15 551	2 713	786
908 705	803 078	527 088	380 324	339 262	288 316	260 601	143 274	53 381	16 760	2 944	884
919 910	821 251	602 280	373 307	349 809	281 052	262 137	153 915	60 585	18 114	3 293	1 005
938 532	833 832	657 109	384 466	355 601	280 289	258 048	163 045	65 869	18 087	4 120	1 005
950 823	853 304	701 768	406 629	362 704	282 905	250 143	173 879	70 921	19 429	4 435	931
954 649	872 033	737 598	443 885	364 463	289 278	242 555	182 732	76 946	21 348	4 825	977
952 466	883 709	773 674	500 740	351 553	298 770	234 614	188 509	85 006	23 822	5 201	1 036
951 201	893 621	790 656	571 994	345 490	308 671	229 209	189 644	92 019	26 964	5 524	1 027
935 207	912 094	803 377	624 453	356 836	315 219	229 340	187 308	98 577	30 022	5 752	1 315
925 294	923 924	822 075	666 914	378 513	322 248	232 756	182 091	105 360	32 648	6 225	1 418

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
1984	9 164 341	934 241	968 824	890 555	938 387	978 274	919 540	802 560	505 110	452 870
1985	9 290 481	903 718	987 352	881 730	931 079	975 088	928 135	838 408	565 057	437 145
1986	9 394 372	860 449	980 525	903 372	915 827	972 885	935 544	854 409	641 140	429 068
1987	9 507 576	814 610	984 054	916 989	912 675	956 137	950 823	865 494	699 184	441 298
1988	9 626 316	793 019	971 695	937 181	900 225	944 902	962 210	885 792	748 823	462 406
1989	9 732 485	774 313	947 898	961 417	887 211	935 318	962 794	903 770	786 760	500 053
1990	9 860 670	776 979	918 758	980 411	876 950	927 382	962 696	914 217	825 028	559 328
1991	9 965 555	779 539	869 452	975 522	897 348	912 295	959 244	924 204	841 932	635 554
1992	10 068 013	781 019	826 454	981 055	908 876	906 796	943 708	941 089	857 434	692 766
1993	10 171 255	775 605	806 601	968 344	928 393	892 492	932 646	951 036	876 875	741 550
1994	10 270 842	765 620	778 439	945 781	957 320	878 044	924 775	959 865	901 674	784 055
1995	10 366 774	761 581	768 728	912 603	976 274	868 467	918 641	958 977	913 049	821 938
1996	10 459 635	762 568	772 574	859 756	971 801	889 555	904 388	957 824	922 264	838 760
1997	10 579 051	767 123	777 293	816 229	977 774	902 965	901 768	942 065	940 571	853 954
1998	10 685 183	741 136	771 031	799 201	966 760	927 993	892 062	933 424	954 832	875 959
1999	10 779 659	722 318	776 547	771 986	942 560	956 601	880 849	927 158	958 278	896 277
2000	10 884 622	712 544	773 385	767 533	910 495	977 952	873 639	923 495	958 242	908 597
2001	10 963 917	682 784	776 341	773 594	858 177	973 513	898 649	912 193	958 222	918 228
2002	11 035 367	646 022	778 195	777 483	814 496	978 706	912 380	910 956	942 289	935 973
2003	11 089 488	625 729	748 799	769 927	795 888	964 793	934 343	899 141	931 722	947 625
2004	11 147 537	593 723	729 180	775 348	768 784	939 894	961 852	889 075	926 468	951 241
2005	11 207 943	546 269	719 557	772 066	764 664	908 333	984 102	883 579	924 556	952 202
2006	11 284 820	521 243	688 097	775 111	771 109	857 516	984 295	912 357	917 352	955 249
2007	11 349 593	502 024	650 560	777 076	775 575	814 957	995 008	929 007	918 842	940 956
2008	11 410 680	489 715	630 644	748 244	768 840	797 136	985 307	955 283	910 492	932 657
2009	11 483 038	479 147	599 594	728 975	774 675	770 663	965 727	991 472	905 787	930 830
2010	11 526 898	460 693	553 071	719 248	771 420	765 670	933 395	1 016 997	902 236	930 305
2011	11 579 238	458 244	528 609	687 792	774 423	771 069	878 871	1 015 193	930 095	922 634
2012	11 642 503	472 124	509 463	650 568	776 481	775 225	830 809	1 023 196	945 898	924 215
2013	11 688 843	474 738	496 255	630 507	747 813	768 360	808 320	1 010 845	971 681	915 802

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+
416 335	362 162	305 711	239 719	171 726	135 332	82 324	40 248	15 621		4 802	
429 071	372 571	318 463	250 690	179 629	138 799	87 346	43 751	17 238		5 211	
439 605	378 909	328 412	260 298	192 440	140 482	91 838	45 814	18 020		5 335	
446 263	391 966	338 390	269 927	203 687	144 341	97 580	48 891	19 468		5 799	
450 678	401 159	345 160	281 938	212 454	147 982	102 677	51 579	20 068		6 368	
450 301	411 001	353 725	293 930	222 537	151 407	106 856	55 072	21 371		6 751	
436 578	423 910	362 900	305 387	234 097	158 691	109 717	57 792	22 810		7 039	
429 411	434 824	369 210	316 061	243 261	170 854	112 290	62 052	24 741		7 761	
435 910	438 999	380 987	323 860	251 206	180 376	115 916	66 767	26 180	7 208	1 195	212
456 068	443 576	388 944	330 204	263 473	188 456	118 992	71 098	27 637	7 618	1 389	258
492 635	439 224	398 378	336 729	272 780	196 919	121 847	75 905	30 381	8 582	1 556	333
551 629	421 684	409 795	345 121	283 182	205 377	127 880	78 211	32 412	9 186	1 709	330
629 281	411 471	419 368	351 556	291 627	212 786	137 675	79 052	34 942	10 058	1 949	380
687 336	422 080	424 799	362 918	300 615	221 874	146 379	81 484	38 344	10 907	2 131	442
736 966	445 194	430 770	373 079	307 840	234 276	154 546	84 458	41 241	11 604	2 327	484
776 424	484 739	429 154	384 148	316 618	245 233	163 498	87 909	43 582	12 735	2 527	518
815 063	545 257	412 352	395 783	325 651	255 964	172 188	93 801	45 555	13 791	2 757	578
832 299	623 115	403 732	406 304	332 488	265 028	180 527	102 837	47 109	15 177	2 954	646
847 162	679 977	414 160	411 422	343 363	273 226	188 790	110 217	49 593	16 972	3 293	692
866 629	727 398	436 233	416 895	353 047	280 141	199 428	116 899	52 017	18 562	3 533	739
886 843	766 611	475 800	415 739	364 301	289 004	210 010	124 294	54 861	19 792	3 930	787
900 035	805 313	535 893	399 992	376 000	298 044	219 968	132 174	59 170	20 875	4 292	859
912 538	825 295	614 591	392 948	387 384	305 620	229 363	140 448	66 251	22 270	4 844	939
931 153	841 159	672 051	404 197	393 262	316 716	237 517	147 906	71 494	23 720	5 456	957
945 023	862 593	720 458	427 415	399 815	326 636	244 753	157 217	76 488	25 176	5 846	942
950 826	883 697	760 244	466 877	399 612	338 240	253 475	166 676	82 085	27 016	6 396	1 024
952 402	896 683	798 855	526 541	385 297	350 116	262 595	175 596	88 264	29 574	6 865	1 075
954 537	907 285	817 458	603 327	379 048	361 279	269 771	183 798	94 311	33 242	7 138	1 114
939 746	926 068	833 060	659 867	390 644	367 737	280 443	191 268	100 306	36 268	7 833	1 284
931 020	939 840	853 482	707 033	413 650	374 216	290 429	198 069	107 644	39 326	8 393	1 420

Table 12. Population of age 15 years

End of Year	Male								
	Total	Single		Currently married		Widowed		Divorced	
		Numbers	%	Numbers	%	Numbers	%	Numbers	%
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	2.3	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	37.6	5 118 941	54.3	220 418	2.3	550 320	5.8
2007	9 507 782	3 583 708	37.7	5 120 397	53.9	223 382	2.3	580 295	6.1
2008	9 589 751	3 612 897	37.7	5 143 798	53.6	225 841	2.4	607 215	6.3
2009	9 666 432	3 675 047	38.0	5 126 297	53.0	228 719	2.4	636 369	6.6
2010	9 743 926	3 718 696	38.2	5 129 013	52.6	231 567	2.4	664 650	6.8
2011	9 818 529	3 736 448	38.1	5 159 436	52.6	233 644	2.4	689 001	7.0
2012	9 893 797	3 777 383	38.2	5 166 294	52.2	236 095	2.4	714 025	7.2
2013	9 939 573	3 784 045	38.1	5 180 986	52.1	238 715	2.4	735 827	7.4

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

and over by sex and marital status

Female								
Total	Single		Currently married		Widowed		Divorced	
	Numbers	%	Numbers	%	Numbers	%	Numbers	%
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	60.9	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	30.2	4 696 952	59.3	597 074	7.5	241 051	3.0
8 064 737	2 415 290	30.0	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	30.4	4 900 922	56.8	727 068	8.4	383 779	4.4
8 731 198	2 652 393	30.4	4 912 978	56.3	749 719	8.6	416 108	4.8
8 833 667	2 687 613	30.4	4 924 031	55.7	771 565	8.7	450 458	5.1
8 945 033	2 741 113	30.6	4 925 584	55.1	793 134	8.9	485 202	5.4
9 049 286	2 796 839	30.9	4 914 473	54.3	815 864	9.0	522 110	5.8
9 170 051	2 852 497	31.1	4 918 992	53.6	839 385	9.2	559 177	6.1
9 300 369	2 900 170	31.2	4 939 167	53.1	863 377	9.3	597 655	6.4
9 419 933	2 952 078	31.3	4 950 589	52.6	885 693	9.4	631 573	6.7
9 542 077	2 988 331	31.3	4 984 951	52.2	907 694	9.5	661 101	6.9
9 675 322	3 053 673	31.6	4 997 496	51.7	930 071	9.6	694 082	7.2
9 793 886	3 101 176	31.7	5 014 749	51.2	952 067	9.7	725 894	7.4
9 904 593	3 122 040	31.5	5 054 590	51.0	974 013	9.8	753 950	7.6
10 010 348	3 164 697	31.6	5 068 860	50.6	994 715	9.9	782 076	7.8
10 087 343	3 173 897	31.5	5 090 417	50.5	1 015 358	10.1	807 671	8.0

**Table 13. 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	%
1984	19 069 194	9 483 960	49.7	8 403 338	44.1
1985	19 313 825	9 771 617	50.6	8 356 626	43.3
1986	19 509 082	10 176 497	52.2	8 184 215	42.0
1987	19 725 010	10 510 749	53.3	7 986 523	40.5
1988	19 954 397	11 833 999	59.3	7 844 509	39.3
1989	20 156 587	11 004 061	54.6	7 957 024	39.5
1990	20 401 305	11 280 802	55.3	7 872 408	38.6
1991	20 605 831	10 162 775	49.3	9 175 249	44.5
1992	20 802 622	10 225 876	49.2	9 305 467	44.7
1993	20 995 416	10 720 111	51.1	9 025 634	43.0
1994	21 177 874	10 959 243	51.7	8 998 054	42.5
1995	21 357 431	10 874 101	50.9	9 264 180	43.4
1996	21 525 433	11 248 563	52.3	9 103 055	42.3
1997	21 742 815	11 503 206	52.9	9 015 639	41.5
1998	21 928 591	11 653 570	53.1	9 068 615	41.4
1999	22 092 387	12 079 480	54.7	8 816 677	39.9
2000	22 276 672	12 227 665	54.9	8 882 696	39.9
2001	22 405 568	12 307 371	54.9	8 918 668	39.8
2002	22 520 776	12 401 041	55.1	8 925 922	39.6
2003	22 604 550	12 469 308	55.2	8 970 650	39.7
2004	22 689 122	12 541 332	55.3	8 991 290	39.6
2005	22 770 383	12 589 601	55.3	8 977 716	39.4
2006	22 876 527	12 670 265	55.4	9 012 316	39.4
2007	22 958 360	12 728 293	55.4	9 023 074	39.3
2008	23 037 031	12 785 077	55.5	9 051 734	39.3
2009	23 119 772	12 823 851	55.5	9 104 033	39.4
2010	23 162 123	12 871 653	55.6	8 935 957	38.6
2011	23 224 912	16 721 789	72.0	5 553 960	23.9
2012	23 315 822	16 960 757	72.7	5 390 054	23.1
2013	23 373 517	17 022 160	72.8	5 349 459	22.9

Notes : 1. All figures are based on the end of the household registration data at the end of year.
2. Data before 1991 referred to population over 100 000 or between 20 000 and 100 000.
3. Some cities and counties have been merged or elevated as municipalities since December 2010.

Table 14. Fertility rates for women of childbearing age

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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		
1984	75	2 055	23	144	169	60	13	2	0	0.9910	0.9592
1985	68	1 880	19	129	158	56	12	2	0	0.9097	0.8830
1986	60	1 680	18	112	140	52	12	2	0	0.8105	0.7865
1987	60	1 700	16	109	147	54	12	2	0	0.8159	0.7902
1988	64	1 855	16	111	164	64	14	2	0	0.8910	0.8653
1989	58	1 680	16	98	145	61	14	2	0	0.8053	0.7812
1990	62	1 810	17	100	159	69	15	2	0	0.8608	0.8352
1991	58	1 720	17	92	149	68	16	2	0	0.8173	0.7998
1992	57	1 730	17	91	148	72	16	2	0	0.8241	0.8057
1993	57	1 760	17	91	149	75	18	2	0	0.8456	0.8278
1994	55	1 755	17	87	148	79	18	2	0	0.8402	0.8237
1995	55	1 775	17	86	148	82	20	2	0	0.8538	0.8374
1996	54	1 760	17	83	145	84	21	2	0	0.8431	0.8269
1997	53	1 770	15	80	147	87	22	3	0	0.8472	0.8317
1998	43	1 465	14	66	116	73	21	3	0	0.7019	0.6892
1999	45	1 555	13	66	126	82	21	3	0	0.7424	0.7252
2000	48	1 680	14	72	133	90	24	3	0	0.8021	0.7895
2001	41	1 400	13	62	106	75	21	3	0	0.6708	0.6608
2002	39	1 340	13	57	102	73	20	3	0	0.6387	0.6296
2003	36	1 235	11	52	92	69	20	3	0	0.5877	0.5788
2004	34	1 180	10	49	86	68	20	3	0	0.5602	0.5521
2005	33	1 115	8	44	79	68	21	3	0	0.5334	0.5255
2006	33	1 115	7	41	78	71	23	3	0	0.5319	0.5245
2007	32	1 100	6	37	76	74	24	3	0	0.5245	0.5173
2008	31	1 050	5	32	72	73	25	3	0	0.5008	0.4940
2009	31	1 030	4	27	69	75	27	4	0	0.4942	0.4869
2010	27	895	4	23	55	65	28	4	0	0.4283	0.4230
2011	32	1 065	4	23	66	81	34	5	0	0.5114	0.5058
2012	38	1 270	4	26	79	97	42	6	0	0.5181	0.6037
2013	32	1 065	4	22	62	80	39	6	0	0.5117	0.5056

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 15. 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
1984	...	4.75	7.56	0.97	0.43	0.36	0.82	1.09	1.20	1.44	2.10	3.09
1985	7.36	4.81	7.38	0.98	0.40	0.38	0.80	1.09	1.18	1.42	1.98	2.91
1986	7.32	4.90	6.64	0.91	0.41	0.35	0.93	1.12	1.18	1.41	1.92	2.88
1987	7.15	4.93	5.62	0.82	0.41	0.38	1.09	1.12	1.19	1.39	1.92	2.87
1988	7.30	5.16	6.24	0.81	0.38	0.39	1.11	1.15	1.27	1.45	1.98	2.81
1989	7.08	5.17	6.07	0.81	0.37	0.40	1.10	1.13	1.31	1.55	1.98	2.92
1990	6.93	5.21	5.91	0.77	0.35	0.37	0.99	1.07	1.26	1.49	2.04	2.84
1991	6.70	5.17	5.39	0.74	0.33	0.34	0.91	1.08	1.24	1.46	1.97	2.68
1992	6.72	5.33	5.63	0.70	0.32	0.34	0.91	1.01	1.19	1.46	1.90	2.72
1993	6.47	5.32	5.33	0.67	0.31	0.36	0.97	1.05	1.23	1.47	1.93	2.77
1994	6.39	5.40	5.66	0.61	0.29	0.32	0.96	1.02	1.16	1.47	1.96	2.80
1995	6.48	5.63	7.40	0.58	0.28	0.34	0.89	1.08	1.15	1.43	1.97	2.71
1996	6.41	5.69	7.49	0.59	0.27	0.30	0.87	0.95	1.11	1.47	1.94	2.74
1997	6.11	5.59	7.12	0.59	0.24	0.27	0.80	0.82	1.09	1.41	1.97	2.73
1998	6.01	5.66	7.07	0.59	0.24	0.28	0.74	0.86	0.99	1.35	1.96	2.73
1999	5.94	5.75	7.23	0.58	0.30	0.32	0.72	0.81	0.99	1.35	1.92	2.68
2000	5.69	5.68	6.99	0.47	0.20	0.22	0.66	0.80	0.92	1.29	1.81	2.65
2001	5.59	5.72	6.33	0.46	0.20	0.21	0.60	0.73	0.85	1.22	1.81	2.56
2002	5.40	5.71	5.94	0.45	0.17	0.18	0.53	0.68	0.89	1.17	1.73	2.46
2003	5.32	5.82	5.32	0.41	0.21	0.19	0.50	0.66	0.84	1.22	1.72	2.46
2004	5.29	5.95	5.91	0.38	0.16	0.18	0.54	0.66	0.84	1.21	1.76	2.55
2005	5.30	6.15	5.50	0.40	0.17	0.19	0.53	0.69	0.97	1.29	1.81	2.59
2006	4.95	5.98	5.46	0.32	0.16	0.18	0.48	0.64	0.88	1.24	1.80	2.62
2007	4.92	6.13	5.48	0.30	0.16	0.15	0.41	0.61	0.78	1.12	1.67	2.52
2008	4.84	6.24	5.00	0.37	0.15	0.14	0.40	0.56	0.72	1.10	1.66	2.50
2009	4.67	6.22	4.44	0.31	0.19	0.17	0.39	0.54	0.74	1.04	1.61	2.41
2010	4.56	6.30	4.42	0.25	0.14	0.15	0.38	0.48	0.68	0.97	1.46	2.32
2011	4.62	6.61	5.05	0.30	0.13	0.15	0.37	0.53	0.64	0.99	1.56	2.37
2012	4.51	6.67	4.43	0.28	0.15	0.15	0.36	0.49	0.64	0.96	1.50	2.30
2013	4.35	6.67	3.91	0.21	0.15	0.16	0.34	0.45	0.55	0.86	1.38	2.13

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

by age and sex

‰

both sexes								
45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
4.68	6.77	10.42	16.51	26.59	42.73	69.25	103.77	182.01
4.35	6.62	9.96	15.99	26.09	42.89	68.69	106.96	183.27
4.33	6.40	9.83	15.72	26.11	42.70	69.18	106.97	182.97
4.21	6.35	9.55	15.37	25.11	41.96	65.92	106.30	179.24
4.35	6.60	9.62	15.21	24.78	41.82	67.62	110.68	188.01
4.41	6.28	9.44	14.66	25.01	40.19	65.89	103.87	175.77
4.16	6.18	9.59	14.78	23.91	39.74	65.63	101.48	174.94
4.16	6.18	9.08	14.42	22.60	37.67	63.33	100.13	166.92
4.09	5.93	9.11	14.58	22.65	37.84	62.96	100.18	173.53
4.11	5.90	9.03	14.17	22.10	35.60	60.08	93.59	164.22
4.06	5.93	9.09	13.86	21.90	34.81	58.32	91.80	163.11
4.05	5.95	8.89	14.18	21.93	35.72	59.20	94.24	165.05
3.98	6.05	9.04	13.96	21.27	34.65	57.44	93.43	164.25
3.81	5.97	8.47	13.20	20.95	32.96	53.84	89.34	155.06
3.72	5.62	8.45	13.05	20.74	32.09	52.59	88.37	154.18
3.77	5.57	8.34	12.97	20.15	32.17	51.75	85.97	153.35
3.74	5.30	8.16	12.18	19.35	30.83	50.10	81.71	148.26
3.60	5.26	8.20	12.05	19.23	30.59	48.52	80.05	145.36
3.51	5.06	7.67	11.67	18.46	29.80	47.43	78.10	142.09
3.50	5.09	7.46	11.54	18.27	29.26	46.89	75.36	142.12
3.58	5.06	7.35	11.26	17.57	28.83	45.97	76.27	139.88
3.62	5.04	7.37	11.33	17.24	28.11	46.41	74.92	141.18
3.52	5.01	7.11	10.53	16.15	26.56	42.97	68.88	128.16
3.50	4.82	6.87	10.40	16.20	26.14	43.13	69.11	132.14
3.48	4.71	6.66	10.20	15.45	25.94	42.43	69.16	134.36
3.31	4.65	6.58	9.76	14.92	24.56	40.67	66.84	129.74
3.31	4.53	6.48	9.25	14.41	23.27	39.99	67.09	130.82
3.36	4.65	6.38	9.31	14.48	23.36	40.70	67.49	133.96
3.36	4.45	6.18	9.04	14.29	22.71	39.14	66.71	132.67
3.25	4.55	6.14	8.92	13.55	22.22	37.11	65.08	129.60

Table 15. Death rates

Year											
	All ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1984	5.58	7.94	1.11	0.50	0.44	1.16	1.49	1.66	2.01	2.86	4.20
1985	5.63	7.86	1.07	0.50	0.48	1.14	1.51	1.62	1.89	2.65	3.95
1986	5.76	7.07	1.02	0.51	0.43	1.31	1.57	1.64	1.90	2.57	3.90
1987	5.82	6.10	0.92	0.49	0.49	1.61	1.59	1.65	1.86	2.61	3.94
1988	6.09	6.51	0.94	0.47	0.47	1.65	1.65	1.80	2.00	2.78	3.96
1989	6.14	6.24	0.88	0.45	0.47	1.62	1.59	1.84	2.15	2.70	4.08
1990	6.20	6.23	0.86	0.42	0.46	1.40	1.50	1.76	2.05	2.82	3.88
1991	6.15	5.69	0.84	0.39	0.41	1.30	1.55	1.75	2.05	2.72	3.75
1992	6.35	6.33	0.76	0.35	0.40	1.31	1.44	1.71	2.07	2.68	3.77
1993	6.38	5.74	0.70	0.36	0.44	1.42	1.48	1.75	2.07	2.72	3.87
1994	6.53	6.23	0.70	0.34	0.39	1.41	1.41	1.61	2.13	2.78	3.96
1995	6.79	8.06	0.62	0.34	0.41	1.26	1.55	1.66	2.00	2.84	3.77
1996	6.87	7.87	0.61	0.30	0.35	1.23	1.36	1.56	2.13	2.73	3.89
1997	6.77	7.45	0.63	0.26	0.29	1.12	1.17	1.57	2.06	2.84	3.92
1998	6.86	7.73	0.66	0.25	0.33	1.04	1.23	1.44	1.96	2.81	3.95
1999	6.94	7.95	0.64	0.31	0.35	0.99	1.12	1.40	1.92	2.74	3.84
2000	6.89	7.51	0.49	0.23	0.25	0.92	1.12	1.30	1.85	2.62	3.81
2001	6.96	6.85	0.53	0.23	0.25	0.80	1.01	1.22	1.76	2.62	3.68
2002	6.91	6.22	0.46	0.18	0.20	0.72	0.95	1.28	1.69	2.50	3.54
2003	7.01	5.34	0.45	0.24	0.20	0.66	0.92	1.20	1.76	2.50	3.60
2004	7.24	6.45	0.39	0.17	0.18	0.76	0.91	1.21	1.77	2.58	3.66
2005	7.53	5.82	0.44	0.19	0.21	0.69	0.94	1.40	1.88	2.69	3.85
2006	7.35	5.89	0.38	0.18	0.22	0.66	0.88	1.24	1.84	2.71	3.88
2007	7.46	6.08	0.33	0.16	0.18	0.55	0.82	1.07	1.63	2.52	3.78
2008	7.62	5.29	0.40	0.16	0.16	0.54	0.76	0.98	1.58	2.47	3.73
2009	7.57	4.59	0.33	0.22	0.20	0.50	0.71	0.99	1.50	2.46	3.54
2010	7.66	4.91	0.26	0.16	0.17	0.52	0.67	0.94	1.38	2.19	3.43
2011	8.07	5.30	0.31	0.15	0.17	0.50	0.73	0.90	1.41	2.35	3.61
2012	8.08	4.89	0.29	0.14	0.17	0.48	0.63	0.84	1.35	2.22	3.47
2013	8.08	4.21	0.23	0.14	0.17	0.47	0.61	0.75	1.20	2.05	3.17

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+
6.16	8.45	12.22	19.49	30.56	49.52	78.92	113.47	196.82
5.73	8.28	11.70	18.77	30.54	49.36	78.00	117.24	195.46
5.73	8.10	11.88	18.30	30.05	48.69	79.33	118.69	197.48
5.68	8.19	11.56	18.05	29.00	47.39	74.68	117.38	192.44
5.81	8.56	11.87	17.78	28.66	47.50	91.26	120.37	194.69
5.97	8.40	11.91	17.20	28.97	45.53	74.04	112.18	188.05
5.71	8.30	12.26	17.70	27.66	45.62	71.99	112.37	184.46
5.62	8.20	11.72	17.29	26.15	42.90	70.01	110.18	170.41
5.50	7.97	11.96	17.79	26.35	42.96	68.72	108.34	179.21
5.58	7.93	11.72	17.45	25.85	40.67	67.76	99.83	167.08
5.61	7.97	12.08	17.38	26.11	39.83	64.89	101.21	167.77
5.62	8.15	11.78	18.07	25.88	40.91	66.35	103.10	169.75
5.50	8.24	12.17	17.95	25.30	39.89	64.46	102.14	171.65
5.28	8.33	11.44	17.23	24.99	38.40	59.94	97.30	158.10
5.23	7.70	11.44	16.89	24.85	37.04	60.29	97.88	156.38
5.27	7.67	11.13	16.93	24.72	36.74	59.15	95.51	154.67
5.30	7.34	10.96	16.24	24.16	35.90	56.96	90.58	150.40
5.09	7.32	10.95	16.01	24.59	35.87	55.68	89.47	146.81
5.03	7.03	10.42	15.53	23.42	35.00	54.36	86.76	142.93
5.00	7.07	10.04	15.28	23.21	34.63	53.53	83.84	142.97
5.13	7.08	10.24	15.03	22.59	35.17	53.97	84.39	141.32
5.26	7.06	10.19	15.51	22.53	34.73	54.36	84.63	144.18
5.22	7.13	9.78	14.14	21.17	33.38	50.40	78.17	132.49
5.09	6.83	9.53	13.98	21.29	33.25	51.41	77.69	133.97
5.08	6.80	9.43	13.86	20.49	33.39	51.10	78.53	138.49
4.85	6.70	9.19	13.21	19.62	31.93	49.41	76.36	134.32
4.82	6.51	9.13	12.66	19.49	29.97	49.35	76.87	136.09
5.02	6.63	9.11	12.88	19.58	30.52	51.33	78.29	140.62
4.93	6.44	8.78	12.31	19.06	29.59	49.29	78.66	139.92
4.78	6.55	8.73	12.34	18.15	28.81	47.10	77.47	138.55

Table 15. Death rates

Year											
	All ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
1984	3.84	7.15	0.83	0.35	0.26	0.47	0.67	0.72	0.85	1.29	1.93
1985	3.91	6.87	0.88	0.30	0.28	0.45	0.65	0.72	0.92	1.27	1.82
1986	3.97	6.18	0.79	0.30	0.26	0.52	0.65	0.69	0.89	1.23	1.82
1987	3.96	5.10	0.72	0.33	0.26	0.54	0.63	0.71	0.90	1.19	1.76
1988	4.16	5.94	0.68	0.28	0.30	0.54	0.62	0.71	0.88	1.15	1.61
1989	4.12	5.90	0.74	0.29	0.32	0.55	0.64	0.76	0.91	1.23	1.71
1990	4.15	5.56	0.68	0.29	0.28	0.55	0.62	0.74	0.90	1.22	1.76
1991	4.12	5.07	0.64	0.27	0.26	0.49	0.58	0.70	0.84	1.18	1.56
1992	4.24	4.86	0.64	0.28	0.27	0.49	0.56	0.65	0.83	1.10	1.63
1993	4.20	4.88	0.64	0.26	0.27	0.49	0.60	0.68	0.85	1.11	1.62
1994	4.20	5.04	0.52	0.23	0.26	0.49	0.60	0.68	0.78	1.10	1.59
1995	4.40	6.69	0.53	0.22	0.27	0.49	0.60	0.62	0.84	1.07	1.62
1996	4.43	7.08	0.57	0.23	0.25	0.48	0.52	0.63	0.78	1.12	1.55
1997	4.35	6.75	0.56	0.22	0.24	0.46	0.46	0.59	0.74	1.07	1.51
1998	4.39	6.35	0.52	0.22	0.23	0.42	0.47	0.53	0.72	1.08	1.48
1999	4.51	6.45	0.52	0.29	0.29	0.43	0.49	0.57	0.75	1.06	1.49
2000	4.41	6.42	0.45	0.18	0.20	0.38	0.45	0.53	0.70	0.97	1.47
2001	4.43	5.76	0.38	0.17	0.17	0.39	0.43	0.46	0.66	0.97	1.40
2002	4.47	5.63	0.44	0.16	0.15	0.33	0.40	0.49	0.63	0.93	1.35
2003	4.57	5.31	0.37	0.18	0.17	0.33	0.39	0.47	0.65	0.92	1.29
2004	4.61	5.31	0.38	0.16	0.17	0.31	0.40	0.46	0.65	0.91	1.40
2005	4.72	5.15	0.35	0.15	0.16	0.35	0.44	0.53	0.70	0.91	1.29
2006	4.56	4.99	0.27	0.14	0.14	0.28	0.40	0.50	0.63	0.86	1.32
2007	4.76	4.83	0.27	0.15	0.11	0.25	0.38	0.48	0.60	0.81	1.25
2008	4.84	4.68	0.34	0.14	0.12	0.25	0.35	0.45	0.61	0.85	1.25
2009	4.85	4.27	0.29	0.17	0.13	0.27	0.35	0.48	0.57	0.77	1.27
2010	4.92	3.88	0.25	0.11	0.13	0.23	0.27	0.41	0.56	0.75	1.21
2011	5.13	4.79	0.28	0.11	0.12	0.24	0.30	0.37	0.56	0.79	1.13
2012	5.25	3.93	0.27	0.15	0.12	0.22	0.33	0.44	0.58	0.80	1.14
2013	5.26	3.58	0.19	0.15	0.14	0.21	0.28	0.33	0.52	0.72	1.10

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+
3.14	4.68	7.76	12.42	21.67	35.35	60.92	96.71	174.17
2.93	4.66	7.43	12.11	20.50	35.70	60.55	99.31	176.57
2.90	4.52	6.95	12.07	21.11	35.88	60.23	98.14	174.83
2.70	4.38	6.81	11.56	20.10	35.72	57.89	97.84	171.68
2.84	4.56	6.72	11.53	19.75	35.28	60.34	103.22	184.05
5.80	4.12	6.45	11.04	19.83	33.96	57.80	97.42	168.27
2.56	4.04	6.53	10.71	18.93	32.82	59.15	92.89	168.98
2.65	4.15	6.21	10.51	17.84	31.42	56.30	92.10	164.68
2.62	3.88	6.14	10.38	17.63	31.65	56.82	93.34	169.79
2.59	3.84	6.31	10.08	16.96	29.38	51.88	88.04	162.30
2.46	3.86	6.13	9.72	16.13	28.56	51.18	83.17	159.97
2.42	3.73	6.05	9.87	16.58	29.10	51.26	85.94	161.84
2.41	3.85	5.99	9.78	15.94	27.84	49.54	85.03	159.14
2.29	3.58	5.58	9.18	15.82	25.82	46.88	81.60	152.88
2.17	3.52	5.53	9.33	15.79	25.57	43.72	79.09	152.51
2.24	3.46	5.60	9.20	14.99	26.16	43.13	76.52	152.32
2.15	3.24	5.42	8.35	14.25	24.29	41.99	72.81	146.55
2.07	3.18	5.49	8.32	13.88	23.98	39.91	70.46	144.19
1.98	3.08	4.97	8.04	13.73	23.54	39.00	69.19	141.40
1.98	3.11	4.91	8.01	13.69	23.14	38.78	66.54	141.41
2.01	3.03	4.51	7.68	12.99	22.05	36.22	67.71	138.67
1.95	3.02	4.61	7.34	12.46	21.50	36.88	64.51	138.59
1.81	2.89	4.49	7.10	11.62	20.14	34.33	58.76	124.38
1.89	2.82	4.27	6.99	11.59	19.73	33.91	59.68	130.54
1.88	2.64	3.96	6.71	10.89	19.41	33.30	58.80	130.72
1.77	2.63	4.04	6.48	10.65	18.22	32.03	56.36	125.67
1.80	2.58	3.92	6.00	9.77	17.54	31.34	56.48	126.05
1.70	2.69	3.74	5.93	9.83	17.24	31.44	56.13	127.82
1.81	2.50	3.66	5.94	9.93	16.81	30.69	54.71	125.95
1.73	2.57	3.65	5.68	9.35	16.55	29.03	53.34	121.29

Table 16. Life expectation

Year	Male								
	0	10	20	30	40	50	60	70	80
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	76.03	66.53	56.74	47.17	38.00	29.41	21.40	14.28	8.78
2010	76.13	66.64	56.85	47.27	38.03	29.42	21.39	14.21	8.66
2011	75.96	66.47	56.67	47.09	37.88	29.30	21.26	14.06	8.53
2012 r	76.43	66.90	57.10	47.48	38.23	29.64	21.55	14.29	8.66
2013 p	76.69	...	...	...	...	...	...	...	...

Notes : 1.Data do not include Kinmen County and Lienchiang County before 1992.

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

Table 17. Live births by age of mother

Year	By age of Mother					
	Total	under 15	15-19	20-24	25-29	30-34
1984	369 725	322	21 252	141 305	152 914	46 496
1985	345 053	271	18 013	126 990	146 088	46 217
1986	308 187	295	16 124	109 476	130 736	43 769
1987	313 062	239	14 524	105 173	138 166	46 352
1988	341 054	263	14 673	105 537	155 487	54 638
1989	314 553	264	14 404	92 718	140 540	54 973
1990	334 872	310	14 603	93 400	152 142	61 598
1991	321 276	281	14 652	85 403	143 737	62 985
1992	321 632	223	15 009	82 798	141 337	66 891
1993	325 613	318	15 724	81 667	140 108	71 025
1994	322 938	336	15 725	76 825	136 939	75 184
1995	329 581	355	16 315	75 889	137 720	79 099
1996	325 545	319	16 286	73 308	133 009	81 142
1997	326 002	280	14 810	72 270	132 751	83 243
1998	271 450	212	13 303	61 256	104 894	69 630
1999	283 661	180	12 286	62 099	111 251	75 614
2000	305 312	162	12 844	69 037	115 813	82 286
2001	260 354	190	11 755	60 485	95 039	69 688
2002	247 530	129	10 562	56 210	92 281	66 441
2003	227 070	116	8 686	50 342	84 737	61 830
2004	216 419	102	7 524	46 190	81 224	60 089
2005	205 854	90	6 484	40 308	76 913	59 561
2006	204 459	83	4 941	36 262	76 525	62 926
2007	204 414	54	4 382	30 985	75 669	68 122
2008	198 733	42	3 817	26 214	72 361	69 720
2009	191 310	35	3 142	21 415	67 334	71 996
2010	166 886	43	2 769	17 323	52 457	65 747
2011	196 627	28	2 820	17 686	59 861	81 475
2012	229 481	34	3 033	19 629	66 550	96 926
2013	199 113	23	3 009	17 099	51 990	83 555

Notes : 1.All figures were based on registration.

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

and number of births

(persons)				Number of births (%)		
35-39	40-44	45-49	50+	Legitimate	Illegitimate	Abandoned
6 290	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	0.10
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	97.66	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	2.91	0.03
19 818	2 212	77	48	96.55	3.42	0.03
19 763	2 340	88	40	96.77	3.20	0.03
22 314	2 704	116	36	96.72	3.26	0.02
20 485	2 544	101	67	96.35	3.62	0.02
19 318	2 482	82	25	96.36	3.61	0.03
18 680	2 584	75	20	96.44	3.54	0.03
18 617	2 566	74	33	96.33	3.64	0.03
19 770	2 618	87	23	95.98	4.01	0.02
20 811	2 801	91	19	95.80	4.19	0.02
22 247	2 853	95	7	95.58	4.39	0.03
23 338	3 131	102	8	95.86	4.12	0.02
23 988	3 289	108	3	96.07	3.91	0.02
24 816	3 597	119	15	95.47	4.51	0.02
30 324	4 290	129	14	96.20	3.79	0.01
37 906	5 248	147	8	96.40	3.60	0.01
37 751	5 472	191	23	95.99	4.00	0.01

Table 18. Household appliances

End of Year	Color T. V. set	DVD player ¹	Air conditioner	Washing machine	Cable T.V. ²
1984	90.41	-	22.91	75.49	-
1985	92.31	-	23.95	77.84	-
1986	94.42	-	25.45	79.49	-
1987	95.78	-	28.66	81.33	-
1988	97.34	-	34.29	83.97	-
1989	97.80	-	41.74	86.82	-
1990	98.26	-	47.26	88.79	-
1991	99.16	1.71	52.37	89.53	-
1992	99.30	2.41	56.14	90.38	-
1993	99.25	3.20	60.69	91.51	-
1994	99.36	4.02	64.01	92.31	43.37
1995	99.29	4.21	67.08	92.83	54.15
1996	99.32	5.11	71.65	93.00	59.57
1997	99.47	5.72	73.83	93.99	65.97
1998	99.17	6.36	76.20	93.86	68.09
1999	99.31	7.25	78.89	94.74	67.87
2000	99.45	13.47	79.46	95.36	71.96
2001	99.29	22.49	80.54	95.05	72.34
2002	99.56	32.86	83.13	95.96	74.81
2003	99.51	40.11	84.53	96.56	76.12
2004	99.47	45.99	85.71	96.91	78.53
2005	99.46	48.60	85.69	96.70	79.02
2006	99.55	53.53	87.48	97.05	79.82
2007	99.37	52.68	87.64	97.45	79.93
2008	99.39	44.11	87.55	97.26	81.65
2009	99.56	42.18	88.35	97.43	81.97
2010	99.41	39.36	89.05	97.76	82.98
2011	99.24	37.67	88.75	97.63	82.92
2012	99.27	34.34	89.89	98.07	83.23
2013	99.33	29.83	89.96	98.10	84.37

Notes : ¹ DVD player is Laser-disk player before 1999.

² Cable T.V. includes MOD since 2008.

saturation

%

Geyser	Movies Camera	Telephone	Automobile	Motorcycle	Personal computer
64.96	0.68	79.63	10.38	70.55	1.94
68.09	0.67	82.12	11.91	71.87	2.32
72.19	0.75	85.25	13.63	72.83	2.92
76.51	0.79	87.20	15.54	73.80	3.55
80.51	1.09	89.11	19.21	75.25	3.95
83.49	1.53	91.51	24.90	76.83	5.42
87.06	2.29	93.08	29.07	77.51	6.77
90.80	3.16	94.75	33.67	79.20	9.57
91.81	4.41	95.13	38.94	78.49	11.76
93.13	4.72	96.00	41.05	79.49	13.56
93.93	5.64	96.53	45.54	80.78	15.29
94.43	5.95	96.70	47.95	79.88	18.54
91.04	7.22	97.49	51.16	80.82	22.56
92.41	8.19	97.54	53.79	80.19	28.39
92.32	7.97	97.63	54.52	80.00	32.31
93.71	8.77	98.00	54.33	79.18	38.92
94.49	8.57	98.04	55.58	79.37	46.49
93.94	8.87	97.79	55.63	79.65	50.86
95.61	9.43	97.88	58.16	80.99	56.80
95.86	9.48	97.80	57.43	81.02	58.74
96.69	10.26	97.56	58.04	80.78	62.37
96.23	9.75	97.55	58.38	80.85	63.15
96.81	9.57	97.36	59.10	81.70	66.12
97.22	8.71	96.69	58.69	82.98	67.13
96.95	7.92	96.00	58.37	82.22	69.27
97.29	8.64	95.88	59.18	82.87	70.51
97.11	8.22	95.72	57.78	82.25	71.32
97.80	7.96	96.06	59.11	82.97	71.93
98.55	6.98	94.76	58.41	83.12	72.31
98.67	6.31	94.69	58.39	82.79	72.21

Table 19. Population projections (2014-2061)

Year	Population (Thousand persons)			Age-specific distribution (%)			Dependency ratio (%)	
	Both sexes	Male	Female	0-14	15-64	65+	Young	Old
2014	23 419	11 689	11 730	13.9	74.1	12.0	18.8	16.2
2015	23 458	11 691	11 767	13.4	74.0	12.5	18.1	16.9
2016	23 491	11 690	11 801	13.1	73.6	13.3	17.8	18.0
2017	23 517	11 687	11 831	12.8	73.2	13.9	17.5	19.0
2018	23 537	11 681	11 857	12.6	72.7	14.6	17.4	20.1
2019	23 551	11 672	11 879	12.5	72.2	15.4	17.3	21.3
2020	23 559	11 661	11 898	12.3	71.5	16.1	17.3	22.6
2021	23 561	11 647	11 914	12.2	70.8	16.9	17.3	23.9
2022	23 559	11 631	11 927	12.1	70.2	17.7	17.2	25.2
2023	23 552	11 614	11 938	12.0	69.5	18.5	17.3	26.6
2024	23 539	11 594	11 945	11.9	68.8	19.3	17.3	28.0
2025	23 521	11 571	11 950	11.9	68.0	20.1	17.6	29.6
2026	23 497	11 546	11 951	11.8	67.3	20.9	17.6	31.1
2027	23 466	11 517	11 949	11.5	66.7	21.7	17.3	32.5
2028	23 428	11 485	11 943	11.4	66.0	22.5	17.3	34.1
2029	23 382	11 449	11 933	11.3	65.4	23.3	17.3	35.7
2033	23 110	11 262	11 847	10.9	63.0	26.1	17.3	41.5
2037	22 684	11 001	11 683	10.4	60.9	28.7	17.1	47.0
2041	22 111	10 672	11 440	9.8	59.1	31.1	16.7	52.7
2045	21 417	10 291	11 126	9.3	56.8	33.9	16.4	59.8
2049	20 624	9 874	10 750	8.9	54.6	36.5	16.3	66.9
2053	19 766	9 436	10 330	8.7	53.4	37.9	16.3	71.0
2057	18 871	8 989	9 882	8.6	52.0	39.4	16.6	75.7
2061	17 952	8 537	9 415	8.7	50.4	41.0	17.2	81.4

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 Ministry of Labor and incorporated in the *Yearbook of Labor Statistic* published by the Ministry of Labor.

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 9th 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 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 those who do not work for a full month), and apprentices with pay. Also included 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 Ministry of Labor.

Table 20. 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. 1984	18 865	12 544	6 267	7 491	2 713	7 308	2 647	183	67	5 052	3 553
Ave. 1985	19 132	12 860	6 420	7 651	2 790	7 428	2 709	222	81	5 210	3 630
Ave. 1986	19 363	13 161	6 565	7 945	2 988	7 733	2 912	212	75	5 216	3 577
Ave. 1987	19 559	13 432	6 700	8 183	3 118	8 022	3 057	161	61	5 248	3 581
Ave. 1988	19 781	13 696	6 840	8 247	3 116	8 107	3 064	139	52	5 449	3 724
Ave. 1989	20 008	13 955	6 966	8 390	3 159	8 258	3 110	132	49	5 565	3 807
Ave. 1990	20 233	14 219	7 102	8 423	3 160	8 283	3 108	140	52	5 795	3 942
Ave. 1991	20 456	14 496	7 240	8 569	3 214	8 439	3 165	130	49	5 927	4 026
Ave. 1992	20 652	14 771	7 370	8 765	3 304	8 632	3 252	132	52	6 006	4 066
Ave. 1993	20 841	15 087	7 522	8 874	3 377	8 745	3 323	128	54	6 213	4 145
Ave. 1994	21 037	15 401	7 677	9 081	3 485	8 939	3 428	142	58	6 321	4 191
Ave. 1995	21 217	15 687	7 832	9 210	3 551	9 045	3 487	165	64	6 478	4 281
Ave. 1996	21 383	15 932	7 972	9 310	3 648	9 068	3 560	242	88	6 621	4 324
Ave. 1997	21 569	16 170	8 109	9 432	3 701	9 176	3 613	256	88	6 738	4 407
Ave. 1998	21 784	16 448	8 260	9 546	3 767	9 289	3 679	257	88	6 902	4 493
Ave. 1999	21 957	16 687	8 376	9 668	3 856	9 385	3 761	283	95	7 020	4 521
Ave. 2000	22 126	16 963	8 511	9 784	3 917	9 491	3 821	293	95	7 178	4 594
Ave. 2001	22 281	17 179	8 628	9 832	3 977	9 383	3 830	450	148	7 347	4 651
Ave. 2002	22 397	17 387	8 745	9 969	4 074	9 454	3 907	515	167	7 417	4 671
Ave. 2003	22 493	17 572	8 849	10 076	4 172	9 573	3 994	503	177	7 495	4 677
Ave. 2004	22 574	17 760	8 954	10 240	4 272	9 786	4 106	454	166	7 520	4 682
Ave. 2005	22 651	17 949	9 058	10 371	4 359	9 942	4 190	428	169	7 578	4 700
Ave. 2006	22 738	18 166	9 175	10 522	4 467	10 111	4 301	411	166	7 644	4 708
Ave. 2007	22 821	18 392	9 297	10 713	4 597	10 294	4 426	419	171	7 679	4 700
Ave. 2008	22 905	18 623	9 422	10 853	4 680	10 403	4 501	450	179	7 770	4 742
Ave. 2009	22 977	18 855	9 547	10 917	4 737	10 279	4 502	639	235	7 937	4 810
Ave. 2010	23 036	19 062	9 678	11 070	4 828	10 493	4 613	577	215	7 992	4 849
Ave. 2011	23 077	19 253	9 798	11 200	4 896	10 709	4 702	491	194	8 053	4 901
Ave. 2012	23 148	19 436	9 906	11 341	4 972	10 860	4 777	481	195	8 096	4 934
Ave. 2013	23 218	19 587	9 995	11 445	5 043	10 967	4 851	478	192	8 142	4 951

Table 21. 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. 1984	39.71	59.72	76.11	43.30	9.07	38.74	58.26	97.55	2.45
Ave. 1985	39.99	59.49	75.47	43.46	9.74	38.83	57.76	97.09	2.91
Ave. 1986	41.03	60.37	75.15	45.51	10.53	39.94	58.76	97.34	2.66
Ave. 1987	41.84	60.93	75.24	46.54	10.59	41.02	59.73	98.03	1.97
Ave. 1988	41.69	60.21	74.83	45.56	9.64	40.99	59.19	98.31	1.69
Ave. 1989	41.93	60.12	74.84	45.35	10.34	41.27	59.18	98.43	1.57
Ave. 1990	41.63	59.24	73.96	44.50	9.77	40.94	58.25	98.33	1.67
Ave. 1991	41.89	59.11	73.80	44.39	9.93	41.25	58.22	98.49	1.51
Ave. 1992	42.44	59.34	73.78	44.83	9.69	41.80	58.44	98.49	1.51
Ave. 1993	42.58	58.82	72.67	44.89	9.83	41.96	57.97	98.55	1.45
Ave. 1994	43.17	58.96	72.44	45.40	9.68	42.49	58.04	98.44	1.56
Ave. 1995	43.41	58.71	72.03	45.34	9.79	42.63	57.66	98.21	1.79
Ave. 1996	43.54	58.44	71.13	45.76	8.95	42.41	56.92	97.40	2.60
Ave. 1997	43.73	58.33	71.09	45.64	8.76	42.54	56.74	97.28	2.72
Ave. 1998	43.82	58.04	70.58	45.60	8.51	42.64	56.48	97.31	2.69
Ave. 1999	44.03	57.93	69.93	46.03	7.92	42.74	56.24	97.08	2.92
Ave. 2000	44.22	57.68	69.42	46.02	7.71	42.90	55.95	97.01	2.99
Ave. 2001	44.13	57.23	68.47	46.10	7.39	42.11	54.62	95.43	4.57
Ave. 2002	44.51	57.34	68.22	46.59	7.79	42.21	54.38	94.83	5.17
Ave. 2003	44.80	57.34	67.69	47.14	7.78	42.56	54.48	95.01	4.99
Ave. 2004	45.36	57.66	67.78	47.71	7.42	43.35	55.10	95.56	4.44
Ave. 2005	45.78	57.78	67.62	48.12	7.27	43.89	55.39	95.87	4.13
Ave. 2006	46.28	57.92	67.35	48.68	7.58	44.47	55.66	96.09	3.91
Ave. 2007	46.94	58.25	67.24	49.44	8.13	45.11	55.97	96.09	3.91
Ave. 2008	47.38	58.28	67.09	49.67	8.10	45.42	55.86	95.86	4.14
Ave. 2009	47.51	57.90	66.40	49.62	8.05	44.73	54.51	94.15	5.85
Ave. 2010	48.06	58.07	66.51	49.89	8.09	45.55	55.05	94.79	5.21
Ave. 2011	48.53	58.17	66.67	49.97	7.93	46.41	55.62	95.61	4.39
Ave. 2012	48.99	58.35	66.83	50.19	8.10	46.92	55.88	95.76	4.24
Ave. 2013	49.29	58.43	66.74	50.46	8.34	47.23	55.99	95.82	4.18

Table 22. Persons not in the labor force by reason for nonparticipation

Thousand persons

Year	Total	Intend and be available to work but not seeking	Attending school or rebrushing to take entrance exams	Housekeeping	Old age or disable	Others
Ave. 1984	5 052	77	1 383	2 452	842	298
Ave. 1985	5 210	86	1 426	2 491	885	322
Ave. 1986	5 216	90	1 448	2 418	914	346
Ave. 1987	5 248	80	1 488	2 391	953	336
Ave. 1988	5 449	75	1 561	2 460	1 015	338
Ave. 1989	5 565	75	1 588	2 513	1 051	338
Ave. 1990	5 795	85	1 662	2 597	1 100	351
Ave. 1991	5 927	85	1 721	2 636	1 155	329
Ave. 1992	6 006	68	1 778	2 606	1 220	335
Ave. 1993	6 213	84	1 890	2 596	1 304	338
Ave. 1994	6 321	86	1 909	2 611	1 368	347
Ave. 1995	6 478	107	1 951	2 624	1 438	357
Ave. 1996	6 621	119	2 003	2 595	1 527	376
Ave. 1997	6 738	107	2 059	2 607	1 592	373
Ave. 1998	6 902	115	2 089	2 642	1 656	399
Ave. 1999	7 020	142	2 090	2 639	1 704	444
Ave. 2000	7 178	147	2 129	2 673	1 766	463
Ave. 2001	7 347	201	2 156	2 673	1 831	486
Ave. 2002	7 417	225	2 139	2 672	1 865	517
Ave. 2003	7 495	229	2 154	2 634	1 921	558
Ave. 2004	7 520	230	2 147	2 567	1 994	580
Ave. 2005	7 578	209	2 155	2 523	2 075	616
Ave. 2006	7 644	198	2 190	2 445	2 121	691
Ave. 2007	7 679	191	2 187	2 386	2 146	769
Ave. 2008	7 770	168	2 178	2 376	2 211	838
Ave. 2009	7 937	177	2 197	2 366	2 305	893
Ave. 2010	7 992	161	2 167	2 364	2 350	950
Ave. 2011	8 053	152	2 168	2 395	2 369	969
Ave. 2012	8 096	150	2 159	2 406	2 405	975
Ave. 2013	8 142	152	2 125	2 428	2 442	995

Table 23. Labor force

Year	Number (Thousands)											
	All ages	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Ave. 1984	7 491	671	1 064	1 314	1 166	740	688	588	521	431	228	80
Ave. 1985	7 651	633	1 057	1 341	1 226	825	678	604	515	440	240	92
Ave. 1986	7 945	620	1 083	1 383	1 289	954	670	633	515	447	246	106
Ave. 1987	8 183	587	1 096	1 421	1 332	1 067	678	650	520	454	267	112
Ave. 1988	8 247	525	1 058	1 449	1 348	1 140	701	659	526	454	279	108
Ave. 1989	8 390	492	1 046	1 471	1 372	1 199	750	662	535	448	293	121
Ave. 1990	8 423	432	1 016	1 478	1 396	1 252	808	654	541	431	294	120
Ave. 1991	8 569	405	1 005	1 482	1 406	1 296	930	626	561	425	305	129
Ave. 1992	8 765	377	999	1 484	1 444	1 342	1 038	637	576	429	307	132
Ave. 1993	8 874	357	984	1 456	1 469	1 367	1 123	659	581	432	305	142
Ave. 1994	9 081	381	979	1 450	1 492	1 399	1 207	706	588	435	295	147
Ave. 1995	9 210	378	948	1 446	1 497	1 427	1 263	784	570	445	295	156
Ave. 1996	9 310	365	928	1 440	1 505	1 448	1 311	887	544	451	283	149
Ave. 1997	9 432	349	933	1 429	1 498	1 471	1 333	987	542	455	285	150
Ave. 1998	9 546	312	947	1 432	1 493	1 501	1 357	1 054	575	449	277	151
Ave. 1999	9 668	303	985	1 422	1 483	1 509	1 382	1 108	622	434	276	144
Ave. 2000	9 784	280	1 003	1 422	1 481	1 520	1 410	1 164	671	419	270	145
Ave. 2001	9 832	246	1 001	1 412	1 475	1 531	1 420	1 211	732	396	265	143
Ave. 2002	9 969	223	992	1 452	1 476	1 519	1 448	1 222	820	395	268	155
Ave. 2003	10 076	192	952	1 482	1 469	1 509	1 478	1 260	895	407	273	160
Ave. 2004	10 240	175	934	1 538	1 458	1 510	1 501	1 303	955	439	271	156
Ave. 2005	10 371	164	892	1 595	1 452	1 508	1 511	1 338	1 010	485	258	158
Ave. 2006	10 522	154	851	1 636	1 479	1 514	1 529	1 352	1 049	548	241	170
Ave. 2007	10 713	155	819	1 640	1 528	1 511	1 533	1 384	1 079	630	246	187
Ave. 2008	10 853	154	777	1 650	1 569	1 512	1 519	1 425	1 107	693	256	191
Ave. 2009	10 917	139	736	1 639	1 628	1 503	1 508	1 441	1 130	723	276	194
Ave. 2010	11 070	141	732	1 614	1 676	1 494	1 515	1 458	1 156	775	310	199
Ave. 2011	11 200	138	733	1 570	1 712	1 496	1 520	1 468	1 194	819	353	197
Ave. 2012	11 341	136	758	1 522	1 718	1 534	1 522	1 472	1 226	847	401	206
Ave. 2013	11 445	128	773	1 474	1 723	1 567	1 515	1 468	1 259	874	444	220

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	8.96	14.21	17.53	15.56	9.88	9.19	7.85	6.95	5.76	3.05	1.07
100.00	8.28	13.82	17.53	16.02	10.79	8.86	7.90	6.73	5.75	3.13	1.20
100.00	7.80	13.64	17.40	16.22	12.00	8.43	7.97	6.48	5.62	3.10	1.33
100.00	7.17	13.39	17.37	16.27	13.04	8.28	7.94	6.36	5.54	3.26	1.37
100.00	6.37	12.83	17.57	16.34	13.82	8.50	7.99	6.38	5.51	3.38	1.30
100.00	5.86	12.47	17.54	16.36	14.30	8.94	7.89	6.38	5.34	3.49	1.44
100.00	5.13	12.07	17.55	16.57	14.87	9.60	7.77	6.43	5.11	3.49	1.42
100.00	4.73	11.72	17.29	16.40	15.13	10.86	7.30	6.54	4.96	3.56	1.51
100.00	4.30	11.40	16.93	16.47	15.31	11.84	7.27	6.57	4.90	3.51	1.51
100.00	4.02	11.08	16.41	16.56	15.40	12.65	7.42	6.55	4.87	3.44	1.60
100.00	4.20	10.78	15.97	16.43	15.40	13.29	7.78	6.48	4.79	3.25	1.62
100.00	4.10	10.30	15.70	16.25	15.50	13.72	8.51	6.19	4.83	3.20	1.69
100.00	3.92	9.96	15.46	16.17	15.55	14.08	9.52	5.85	4.85	3.04	1.60
100.00	3.70	9.89	15.15	15.88	15.59	14.13	10.46	5.75	4.83	3.02	1.59
100.00	3.27	9.92	15.00	15.63	15.72	14.22	11.04	6.02	4.70	2.90	1.58
100.00	3.14	10.18	14.71	15.34	15.61	14.30	11.46	6.43	4.49	2.85	1.49
100.00	2.86	10.25	14.53	15.14	15.54	14.41	11.90	6.85	4.29	2.76	1.48
100.00	2.50	10.18	14.36	15.00	15.57	14.45	12.32	7.44	4.03	2.70	1.45
100.00	2.23	9.95	14.57	14.80	15.23	14.53	12.26	8.22	3.96	2.69	1.56
100.00	1.90	9.45	14.71	14.58	14.98	14.67	12.51	8.88	4.04	2.71	1.58
100.00	1.71	9.12	15.02	14.24	14.74	14.66	12.72	9.33	4.29	2.64	1.53
100.00	1.58	8.60	15.38	14.00	14.54	14.57	12.90	9.74	4.68	2.49	1.52
100.00	1.46	8.09	15.55	14.05	14.39	14.53	12.85	9.97	5.20	2.29	1.61
100.00	1.45	7.64	15.31	14.27	14.10	14.31	12.92	10.07	5.88	2.30	1.74
100.00	1.42	7.16	15.21	14.45	13.93	14.00	13.13	10.20	6.38	2.36	1.76
100.00	1.28	6.74	15.01	14.91	13.77	13.81	13.20	10.35	6.62	2.53	1.78
100.00	1.27	6.61	14.58	15.14	13.50	13.69	13.17	10.45	7.00	2.80	1.80
100.00	1.24	6.55	14.02	15.28	13.35	13.57	13.11	10.66	7.31	3.15	1.76
100.00	1.19	6.68	13.42	15.15	13.52	13.42	12.98	10.81	7.47	3.53	1.82
100.00	1.12	6.75	12.88	15.06	13.69	13.24	12.83	11.00	7.64	3.88	1.92

Table 24. Employed

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water
Ave. 1990	8 283	1 064	20	2 653	36
Ave. 1991	8 439	1 093	19	2 598	37
Ave. 1992	8 632	1 065	18	2 585	37
Ave. 1993	8 745	1 005	19	2 483	36
Ave. 1994	8 939	976	18	2 485	36
Ave. 1995	9 045	954	15	2 449	36
Ave. 1996	9 068	918	14	2 422	35
Ave. 1997	9 176	878	13	2 570	35
Ave. 1998	9 289	822	12	2 611	35
Ave. 1999	9 385	776	11	2 603	35
Ave. 2000	9 491	740	11	2 655	36

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufactur- ing	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
Ave. 2010	10 493	550	4	2 861	29	78	797	1 747	404
Ave. 2011	10 709	542	4	2 949	29	79	831	1 763	411
Ave. 2012	10 860	544	4	2 975	29	82	845	1 800	414
Ave. 2013	10 967	544	4	2 988	29	84	861	1 817	425

Notes : Figures are based on the 9th revised edition of R.O.C Standard Industrial Classification System from 2012.

persons by industry

Thousand persons

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

Accommodation & food services	Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Public admin. & defence; compulsory social security	Education	Human health & social work services	Arts, entertainment & recreation	Other services
532	190	373	40	202	153	315	484	268	93	496
579	191	380	41	220	158	316	488	281	107	496
590	187	378	44	224	180	352	514	292	110	497
605	195	390	55	234	183	357	538	303	114	510
634	199	406	61	258	194	336	556	323	116	513
665	209	407	66	264	205	334	563	334	111	524
681	206	404	74	301	215	332	588	340	101	523
687	203	411	74	317	231	343	605	355	98	528
693	207	413	68	315	232	382	613	368	96	527
727	208	428	75	325	236	389	619	386	98	532
728	218	428	87	339	247	388	629	408	94	536
750	228	426	90	342	260	384	630	420	95	541
775	234	422	92	347	263	383	634	427	96	541

Table 25. 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. 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
Year	Number (Thousands)							
	Total	Legislators, senior officials & managers	Professionals	Technicians & associate professionals	Clerical support workers	Service & sales workers	Skilled agricultural, forestry & fishery workers	Craft & machine operation related workers
Ave. 2001	9 383	405	732	1 450	1 001	1 828	675	3 292
Ave. 2002	9 454	423	761	1 534	1 014	1 858	676	3 188
Ave. 2003	9 573	426	796	1 585	1 031	1 886	660	3 189
Ave. 2004	9 786	447	858	1 621	1 071	1 926	608	3 255
Ave. 2005	9 942	448	960	1 658	1 091	1 946	558	3 280
Ave. 2006	10 111	452	998	1 761	1 094	2 004	522	3 280
Ave. 2007	10 294	463	1 031	1 844	1 086	2 049	512	3 309
Ave. 2008	10 403	463	1 098	1 921	1 076	2 040	500	3 305
Ave. 2009	10 279	444	1 100	1 977	1 088	2 014	506	3 149
Ave. 2010	10 493	443	1 116	1 995	1 153	2 069	512	3 204
Ave. 2011	10 709	435	1 195	1 957	1 188	2 086	496	3 352
Ave. 2012	10 860	422	1 244	1 950	1 222	2 119	495	3 408
Ave. 2013	10 967	404	1 286	1 962	1 232	2 156	492	3 435

Notes : Figures are based on the 6th revised edition of R.O.C Standard Occupational Classification System from 2001.

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	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
Structure (%)							
Total	Legislators, senior officials & managers	Professionals	Technicians & associate professionals	Clerical support workers	Service & sales workers	Skilled agricultural, forestry & fishery workers	Craft & machine operation related workers
100.00	4.31	7.81	15.45	10.67	19.49	7.19	35.08
100.00	4.47	8.05	16.22	10.72	19.65	7.15	33.72
100.00	4.45	8.32	16.55	10.77	19.70	6.90	33.31
100.00	4.57	8.77	16.56	10.94	19.68	6.21	33.27
100.00	4.51	9.66	16.68	10.97	19.58	5.61	32.99
100.00	4.47	9.87	17.41	10.82	19.82	5.16	32.44
100.00	4.49	10.02	17.92	10.55	19.90	4.98	32.15
100.00	4.45	10.56	18.47	10.34	19.61	4.80	31.77
100.00	4.32	10.70	19.23	10.59	19.60	4.93	30.64
100.00	4.22	10.64	19.01	10.99	19.72	4.88	30.54
100.00	4.06	11.16	18.27	11.09	19.48	4.63	31.30
100.00	3.89	11.46	17.96	11.25	19.51	4.55	31.38
100.00	3.69	11.73	17.89	11.23	19.66	4.49	31.32

Table 26. Employed

Year	Number (Thousand persons)						
	Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
					Sub-total	Private	Government
Ave. 1984	7 308	298	1 513	787	4 709	3 851	858
Ave. 1985	7 428	319	1 544	804	4 761	3 896	865
Ave. 1986	7 733	331	1 563	840	4 999	4 081	919
Ave. 1987	8 022	342	1 537	794	5 350	4 415	935
Ave. 1988	8 107	365	1 534	772	5 436	4 498	938
Ave. 1989	8 258	381	1 552	759	5 567	4 624	943
Ave. 1990	8 283	399	1 543	744	5 597	4 641	956
Ave. 1991	8 439	431	1 572	770	5 666	4 700	966
Ave. 1992	8 632	437	1 572	768	5 856	4 854	1 002
Ave. 1993	8 745	455	1 539	743	6 008	4 981	1 028
Ave. 1994	8 939	471	1 542	766	6 160	5 159	1 001
Ave. 1995	9 045	480	1 537	767	6 260	5 257	1 003
Ave. 1996	9 068	485	1 538	758	6 287	5 259	1 027
Ave. 1997	9 176	506	1 515	731	6 423	5 400	1 023
Ave. 1998	9 289	506	1 512	715	6 555	5 580	975
Ave. 1999	9 385	511	1 523	726	6 624	5 663	961
Ave. 2000	9 491	513	1 523	710	6 746	5 790	955
Ave. 2001	9 383	492	1 483	681	6 727	5 766	961
Ave. 2002	9 454	492	1 496	695	6 771	5 825	946
Ave. 2003	9 573	496	1 484	695	6 898	5 910	988
Ave. 2004	9 786	510	1 458	686	7 131	6 137	994
Ave. 2005	9 942	503	1 438	666	7 336	6 374	961
Ave. 2006	10 111	517	1 406	647	7 542	6 608	934
Ave. 2007	10 294	523	1 396	641	7 735	6 803	932
Ave. 2008	10 403	508	1 374	619	7 902	6 945	958
Ave. 2009	10 279	470	1 331	588	7 889	6 850	1 040
Ave. 2010	10 493	475	1 329	585	8 104	7 055	1 049
Ave. 2011	10 709	480	1 323	577	8 328	7 291	1 038
Ave. 2012	10 860	476	1 319	570	8 495	7 468	1 027
Ave. 2013	10 967	468	1 317	567	8 615	7 595	1 020

persons by class of workers

Structure (%)							
Total	Employers	Own-account workers	Unpaid family workers	Paid employees			
				Sub-total	Private	Government	
100.00	4.08	20.71	10.77	64.44	52.70	11.74	
100.00	4.29	20.79	10.82	64.10	52.45	11.65	
100.00	4.28	20.21	10.86	64.65	52.77	11.88	
100.00	4.26	19.16	9.90	66.69	55.03	11.66	
100.00	4.50	18.92	9.53	67.05	55.48	11.57	
100.00	4.61	18.79	9.19	67.41	56.00	11.41	
100.00	4.82	18.63	8.98	67.57	56.03	11.54	
100.00	5.11	18.63	9.12	67.14	55.69	11.45	
100.00	5.06	18.21	8.89	67.84	56.23	11.60	
100.00	5.20	17.60	8.50	68.70	56.95	11.75	
100.00	5.27	17.25	8.57	68.92	57.72	11.20	
100.00	5.31	16.99	8.49	69.21	58.12	11.09	
100.00	5.35	16.96	8.36	69.33	58.00	11.33	
100.00	5.52	16.51	7.96	70.01	58.85	11.15	
100.00	5.45	16.28	7.70	70.57	60.07	10.50	
100.00	5.45	16.23	7.73	70.59	60.34	10.24	
100.00	5.40	16.05	7.48	71.07	61.01	10.07	
100.00	5.24	15.81	7.26	71.69	61.45	10.24	
100.00	5.20	15.82	7.36	71.62	61.61	10.01	
100.00	5.18	15.50	7.25	72.06	61.74	10.32	
100.00	5.21	14.90	7.01	72.87	62.72	10.16	
100.00	5.06	14.46	6.70	73.78	64.11	9.67	
100.00	5.11	13.90	6.40	74.59	65.35	9.24	
100.00	5.08	13.56	6.22	75.14	66.09	9.05	
100.00	4.88	13.21	5.95	75.96	66.75	9.21	
100.00	4.57	12.95	5.72	76.76	66.64	10.11	
100.00	4.53	12.67	5.58	77.23	67.23	10.00	
100.00	4.48	12.36	5.39	77.77	68.08	9.69	
100.00	4.38	12.15	5.25	78.23	68.77	9.46	
100.00	4.27	12.01	5.17	78.55	69.25	9.30	

Table 27. Employed persons

Year	Number (Thousand persons)							
	Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
Ave. 1999	9 385	1 815	1 794	874	2 443	1 394	1 065	
Ave. 2000	9 491	1 724	1 797	877	2 498	1 473	1 123	
Ave. 2001	9 383	1 602	1 716	859	2 512	1 525	1 169	
Ave. 2002	9 454	1 532	1 647	857	2 567	1 581	1 271	
Ave. 2003	9 573	1 452	1 611	869	2 622	1 628	1 391	
Ave. 2004	9 786	1 376	1 598	883	2 709	1 677	1 542	
Ave. 2005	9 942	1 300	1 581	873	2 732	1 724	1 733	
Ave. 2006	10 111	1 206	1 564	865	2 766	1 759	1 951	
Ave. 2007	10 294	1 137	1 553	886	2 794	1 764	2 161	
Ave. 2008	10 403	1 063	1 497	881	2 786	1 787	2 389	
Ave. 2009	10 279	971	1 421	859	2 692	1 767	2 568	
Ave. 2010	10 493	945	1 415	871	2 712	1 798	2 752	
Ave. 2011	10 709	910	1 402	894	2 751	1 814	2 286	652
Ave. 2012	10 860	885	1 383	910	2 764	1 812	2 412	694
Ave. 2013	10 967	855	1 371	908	2 753	1 807	2 538	735

Table 28. Unemployed persons and unemployment rate

Year	Number (Thousand persons)							
	Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
Ave. 1999	283	37	61	26	85	45	29	
Ave. 2000	293	36	65	27	90	44	31	
Ave. 2001	450	59	105	44	138	64	40	
Ave. 2002	515	62	110	50	165	76	51	
Ave. 2003	503	62	105	48	159	73	55	
Ave. 2004	454	48	86	42	142	70	66	
Ave. 2005	428	36	76	41	131	68	77	
Ave. 2006	411	29	63	37	128	65	89	
Ave. 2007	419	26	63	37	129	61	102	
Ave. 2008	450	29	71	40	126	64	120	
Ave. 2009	639	44	104	56	179	92	163	
Ave. 2010	577	32	88	50	162	81	164	
Ave. 2011	491	24	65	45	134	64	140	20
Ave. 2012	481	21	62	42	120	60	151	25
Ave. 2013	478	20	61	40	117	58	157	25

by educational attainment

Structure (%)							
Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
100.00	19.34	19.12	9.31	26.03	14.86	11.34	
100.00	18.16	18.93	9.24	26.32	15.52	11.83	
100.00	17.07	18.29	9.15	26.77	16.25	12.46	
100.00	16.20	17.42	9.07	27.15	16.72	13.44	
100.00	15.17	16.83	9.07	27.39	17.01	14.53	
100.00	14.06	16.33	9.02	27.68	17.14	15.76	
100.00	13.07	15.90	8.78	27.48	17.34	17.43	
100.00	11.92	15.47	8.55	27.36	17.40	19.30	
100.00	11.04	15.08	8.61	27.14	17.14	20.99	
100.00	10.22	14.39	8.47	26.78	17.17	22.97	
100.00	9.45	13.83	8.36	26.19	17.19	24.99	
100.00	9.01	13.49	8.30	25.85	17.13	26.22	
100.00	8.50	13.09	8.35	25.69	16.94	21.35	6.09
100.00	8.15	12.74	8.38	25.45	16.68	22.21	6.39
100.00	7.80	12.50	8.28	25.10	16.48	23.14	6.70

by educational attainment

Unemployment rate (%)							
Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
2.92	1.99	3.28	2.92	3.35	3.10	2.69	
2.99	2.05	3.50	2.96	3.48	2.90	2.67	
4.57	3.56	5.75	4.86	5.21	4.03	3.32	
5.17	3.87	6.28	5.55	6.04	4.60	3.89	
4.99	4.10	6.11	5.28	5.71	4.32	3.82	
4.44	3.35	5.13	4.52	4.98	4.02	4.11	
4.13	2.71	4.61	4.44	4.57	3.78	4.23	
3.91	2.31	3.89	4.13	4.43	3.55	4.36	
3.91	2.26	3.91	3.97	4.41	3.36	4.51	
4.14	2.66	4.52	4.36	4.33	3.44	4.78	
5.85	4.35	6.83	6.07	6.23	4.96	5.98	
5.21	3.27	5.84	5.43	5.63	4.33	5.62	
4.39	2.52	4.44	4.75	4.63	3.40	5.79	2.97
4.24	2.32	4.27	4.45	4.15	3.18	5.90	3.49
4.18	2.29	4.29	4.25	4.06	3.11	5.81	3.29

Table 29. Average monthly earnings of employees

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
Ave. 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 r	46 307	40 657	94 525	42 880	37 916	39 819	46 882	24 813
Ave. 2005 r	47 671	41 858	91 184	47 647	38 450	39 545	48 513	25 121
Ave. 2006 r	53 344	42 393	97 230	47 251	39 168	39 380	48 338	24 960
Ave. 2007 r	50 949	43 178	98 519	44 399	40 310	39 463	49 080	25 476
Ave. 2008 r	51 333	43 121	89 432	44 521	40 754	39 956	49 540	26 699
Ave. 2009 r	49 448	39 125	96 285	44 042	40 870	40 081	47 835	27 106
Ave. 2010 r	52 551	42 300	96 523	45 106	41 598	41 766	48 902	27 788
Ave. 2011 r	53 978	43 316	95 382	45 828	42 716	42 562	50 186	29 715
Ave. 2012 r	52 751	43 689	92 869	43 680	42 683	41 822	50 196	30 107
Ave. 2013	54 871	43 829	88 873	44 118	42 540	42 274	49 808	30 504

Notes : Both industry & services and services sectors statistics covered education industry (only short-term tutorial and driver's training classes are included) since January 2009.

Table 30. Average monthly working hours of employees

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
Ave. 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 r	184.0	187.4	171.3	185.2	176.9	174.8	179.4	172.5
Ave. 2008 r	184.2	184.7	172.7	186.5	176.4	175.9	179.1	172.3
Ave. 2009 r	182.1	179.1	172.4	182.9	174.9	175.9	180.4	169.6
Ave. 2010 r	185.0	189.0	173.3	182.5	177.1	176.2	181.7	171.6
Ave. 2011 r	181.5	185.1	170.6	178.8	178.2	174.0	179.4	169.0
Ave. 2012 r	182.7	183.9	176.5	178.8	178.0	173.3	181.2	171.2
Ave. 2013	181.6	183.9	174.6	179.0	174.9	171.5	179.1	169.9

Notes : Both industry & services and services sectors statistics covered education industry (only short-term tutorial and driver's training classes are included) since January 2009.

on payrolls of establishments, by industry

NT\$

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Human health services	Art, entertainment & recreation	Other services
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
63 731	75 828	37 858	53 264	33 127	...	56 613	31 414	29 925
63 777	71 528	40 324	54 542	32 977	...	58 134	31 930	29 314
61 888	67 724	38 680	49 983	31 578	22 197	57 857	31 242	29 738
64 266	74 242	41 018	52 995	32 318	22 459	57 897	32 687	30 832
66 291	76 951	41 958	55 322	33 009	22 416	59 900	33 236	32 526
67 008	77 989	39 588	56 479	33 635	22 769	60 263	35 458	32 728
65 545	77 871	40 298	55 507	33 850	22 922	59 910	36 072	33 313

on payrolls of establishments, by industry

Hours

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Human health services	Art, entertainment & recreation	Other services
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	178.0	175.3	188.7	...	175.1	184.7	201.5
169.4	167.5	180.3	176.2	188.2	...	174.4	181.4	199.9
169.0	168.1	181.8	173.8	188.0	140.9	173.7	184.1	195.1
170.0	168.8	180.5	175.0	192.7	139.1	175.0	181.1	195.9
168.0	165.9	179.4	173.0	192.7	135.1	173.9	182.0	196.8
168.6	167.5	180.6	173.7	192.7	132.4	174.7	183.1	196.6
166.4	164.6	179.6	172.0	188.4	131.9	173.1	180.7	195.6

Table 31. Indices of labor productivity by industry

2011=100

Year	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
Ave. 2004	56.32	63.73	83.61	89.05	106.88	74.62	79.71	89.16
Ave. 2005	56.79	68.10	88.83	100.36	100.07	80.38	84.02	87.87
Ave. 2006	46.89	73.65	92.91	114.31	98.11	84.29	85.98	87.45
Ave. 2007	61.06	79.09	97.38	112.92	98.47	88.42	91.11	89.90
Ave. 2008	57.56	79.90	94.70	107.07	93.92	90.61	92.24	87.31
Ave. 2009	73.86	81.65	92.03	107.14	94.20	91.55	91.35	85.87
Ave. 2010	92.22	94.57	96.59	102.16	102.65	95.32	97.60	89.66
Ave. 2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2012	107.42	101.69	97.25	101.74	96.43	98.83	100.07	98.07
Ave. 2013	104.78	103.29	98.94	101.34	97.11	99.85	101.18	96.61

Year	Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreational	Other services
Ave. 2004	81.09	94.63	97.33	98.04	81.92	113.15	56.17	77.68
Ave. 2005	81.90	95.80	97.72	93.35	86.66	105.04	57.95	81.44
Ave. 2006	81.14	97.77	127.88	101.55	92.50	101.99	64.51	84.55
Ave. 2007	84.56	105.34	120.09	97.15	97.39	105.16	73.73	87.85
Ave. 2008	89.57	101.03	107.10	92.00	97.79	104.34	80.15	90.08
Ave. 2009	91.71	92.58	111.54	96.44	96.21	105.96	87.09	94.41
Ave. 2010	99.14	94.74	114.64	99.85	99.48	100.40	90.63	97.78
Ave. 2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2012	98.74	100.28	99.82	99.02	99.24	96.80	101.71	103.02
Ave. 2013	99.50	105.57	107.92	101.80	104.13	96.89	104.76	104.74

Table 32. Labor unions and members by type of labor unions

End of Year	Labor unions (Establishments)	Institutional members (Establishments)	Personal members (Persons)
2009	4 759	5 298	3 177 591
2010	4 924	5 317	3 216 502
2011	5 042	5 298	3 321 969
2012	5 225	5 270	3 387 524
2013	5 285	5 218	3 362 024
Council of labor affairs	158	1 098	172 442
Federation of corporate and industrial labor unions	28	202	-
Federation of craft labor unions	104	586	-
Federation of others labor unions	17	310	-
Corporate labor unions	7	-	146 556
Craft labor unions	2	-	25 886
New Taipei municipality	392	239	451 806
Federation of corporate and industrial labor unions	-	-	-
Federation of craft labor unions	-	-	-
Federation of others labor unions	5	239	-
Corporate labor unions	64	-	31 281
Industrial labor unions	17	-	18 812
Craft labor unions	306	-	401 713
Taipei municipality	514	260	548 016
Federation of corporate and industrial labor unions	3	-	-
Federation of craft labor unions	-	-	-
Federation of others labor unions	9	260	-
Corporate labor unions	137	-	102 741
Industrial labor unions	32	-	466
Craft labor unions	333	-	444 809
Taichung municipality	419	430	272 818
Federation of corporate and industrial labor unions	-	-	-
Federation of craft labor unions	-	-	-
Federation of others labor unions	5	430	-
Corporate labor unions	44	-	18 876
Industrial labor unions	3	-	4 061
Craft labor unions	367	-	249 881
Tainan municipality	399	374	225 925
Federation of corporate and industrial labor unions	-	-	-
Federation of craft labor unions	-	-	-
Federation of others labor unions	5	374	-
Corporate labor unions	52	-	23 958
Industrial labor unions	4	-	9 311
Craft labor unions	338	-	192 656
Kaohsiung municipality	857	707	471 016
Federation of corporate and industrial labor unions	6	58	-
Federation of craft labor unions	2	66	-
Federation of others labor unions	8	583	-
Corporate labor unions	173	-	62 839
Industrial labor unions	26	-	16 037
Craft labor unions	642	-	392 140
County/City	2 505	2 068	1 182 057
Federation of corporate and industrial labor unions	2	-	-
Federation of others labor unions	41	2 068	-
Corporate labor unions	367	-	127 072
Industrial labor unions	19	-	19 120
Craft labor unions	2 076	-	1 035 865
Export processing zones	40	42	36 651
Federation of corporate and industrial labor unions	1	42	-
Corporate labor unions	39	-	36 651
Science-based industrial park	1	-	1 293
Corporate labor unions	1	-	1 293

Notes : For statistical figures tabulated in this table, the amended Labor Union Act taking effect on May 1st, 2011 have been referred.

Table 33. Occupational

Year	Reporting enterprises (Establishments)	Employee (Persons)	Total workdays (Days)	Total person-workhours (Hours)	Times of disability (Persons-cases)	Frequency of ¹ disability
1989	9 161	1 043 906	300 362 129	2 456 361 619	8 151	3.32
1990	8 628	1 019 104	292 538 301	2 356 964 703	7 718	3.27
1991	8 970	1 088 943	322 472 206	2 559 834 098	8 346	3.26
1992	9 078	1 106 820	333 018 006	2 793 760 173	8 228	2.95
1993	8 946	1 095 103	326 474 140	2 582 614 311	7 390	2.86
1994	10 095	1 231 606	352 600 283	2 880 670 475	8 294	2.88
1995	10 736	1 333 546	394 379 415	3 231 006 289	7 940	2.46
1996	10 313	1 346 902	391 696 836	3 134 164 510	7 628	2.43
1997	10 267	1 375 331	402 556 395	3 231 907 472	7 180	2.22
1998	10 140	1 380 237	393 638 956	3 242 960 501	6 874	2.12
1999	9 672	1 386 507	384 766 005	3 379 364 844	7 171	2.12
2000	9 377	1 374 514	416 675 839	3 188 100 606	6 805	2.13
2001	8 645	1 347 006	340 887 620	2 883 508 335	5 378	1.87
2002	7 928	1 206 580	343 891 944	2 606 347 994	4 692	1.80
2003	7 424	1 248 227	332 314 535	2 803 050 761	5 365	1.91
2004	8 099	1 396 492	370 559 379	3 084 917 381	6 047	1.96
2005	9 058	1 922 821	499 157 126	4 059 950 075	10 196	2.51
2006	12 457	2 559 502	658 605 717	5 359 578 449	11 466	2.14
2007	13 107	2 646 609	685 653 231	5 548 733 640	12 246	2.21
2008	13 637	2 723 323	701 290 726	5 716 555 136	11 920	2.09
2009	13 869	2 630 613	673 071 072	5 476 121 770	10 497	1.92
2010	14 328	2 786 603	721 143 705	5 887 832 289	11 553	1.96
2011	14 926	3 033 182	770 490 849	6 292 982 481	11 492	1.83
2012	15 614	3 176 406	813 002 038	6 634 264 696	11 413	1.72
2013	16 245	3 253 022	827 700 640	6 815 783 923	11 318	1.66

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

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

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 (Days)	Severity of ² disability
Total	Deaths (Persons)	Permanent total disability (Persons)	Permanent partial disability (Persons-cases)	Temporary total disability (Persons-cases)		
6 984	140	5	103	6 736	1 032 310	420
6 569	141	4	99	6 325	997 342	423
7 026	154	8	110	6 754	1 119 323	437
7 010	145	6	99	6 760	1 076 408	385
6 239	134	5	79	6 021	990 886	384
5 936	178	7	187	5 564	1 356 752	471
6 671	137	15	173	6 346	1 124 352	348
6 456	156	7	153	6 140	1 144 988	365
5 830	177	14	153	5 486	1 303 886	403
5 676	141	12	153	5 370	1 042 740	322
5 862	118	10	120	5 614	817 434	242
5 986	103	13	128	5 742	714 516	224
4 493	76	3	71	4 343	539 753	187
3 271	71	4	31	3 165	475 763	183
4 037	61	2	54	3 920	414 814	148
4 318	75	3	61	4 179	559 323	181
10 196	135	15	280	9 766	1 320 622	325
11 466	103	15	321	11 027	1 172 562	219
12 246	102	14	338	11 792	1 179 131	213
11 920	77	15	334	11 494	949 056	166
10 497	81	11	276	10 129	938 828	171
11 553	89	7	326	11 131	951 031	162
11 492	80	12	308	11 092	896 976	143
11 413	70	6	325	11 012	792 148	119
11 318	66	7	300	10 945	803 041	118

Table 34. Labor

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

Year	No. of dispute (cases)	Cause of							
		Dispute over labor contracts	Dispute over wages	Dispute over payment of dismissal	Dispute over retirement pension payment	Dispute over labor insurance benefit payment	Dispute over occupational hazards compensation	Dispute over protection of union identification	Dispute over other rights issues
2008	24 540	1 737	9 186	8 343	762	327	1 381	8	2 486
2009	30 385	2 230	9 756	10 372	852	497	1 412	8	4 680
2010	23 865	1 773	9 217	6 722	746	371	1 598	11	3 157
2011	22 629	1 557	9 290	5 817	853	402	1 865	10	2 653
2012 ^r	23 224	1 544	10 354	5 757	904	392	1 693	13	2 431
2013	23 939	2 182	9 966	5 769	972	311	1 918	3	2 577

Notes : ¹ 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.

² Unresolving cases occurred in the previous year are included.

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

dispute

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

dispute ¹ (Cases)				Workers involved		Method ² (Cases)		
Dispute over wages adjustment	Dispute over work years settlement	Dispute over work hours adjustment	Dispute over other adjustment issues	dispute(workers)	Involvement rate (‰)	Conciliation	Mediation	Arbitration ³
69	13	109	119	65 274	8.26	19 546	4 320	-
135	103	271	69	68 649	8.70	25 441	5 201	-
27	4	195	44	42 934	5.30	19 108	4 469	-
23	4	115	40	44 022	5.29	10 438	11 620	1
36	2	61	37	41 256	4.86	1 182	21 814	3
16	1	121	103	35 478	4.12	1 783	22 063	7

Table 35. 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. 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 r	1.20	2.24	0.42	2.19	2.88	2.69	1.60	4.46
Ave. 2008 r	1.23	1.83	0.56	2.13	3.25	2.47	1.51	4.72
Ave. 2009 r	1.01	1.82	0.30	1.71	3.14	2.31	1.34	4.02
Ave. 2010 r	1.11	2.72	0.26	1.88	3.25	2.78	1.82	5.06
Ave. 2011 r	1.29	2.51	0.50	1.80	2.76	2.45	1.76	4.89
Ave. 2012 r	0.99	2.11	0.45	1.66	2.66	2.29	1.97	3.51
Ave. 2013	1.12	2.11	0.36	1.65	3.11	2.30	2.17	3.94

Year	Separation							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
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 r	1.41	2.07	0.44	1.76	2.81	2.64	1.64	3.97
Ave. 2008 r	1.53	2.16	0.30	2.17	3.24	2.64	1.64	4.13
Ave. 2009 r	1.73	2.01	0.24	1.62	3.23	2.36	1.45	3.77
Ave. 2010 r	1.28	2.27	0.30	1.65	2.91	2.53	1.66	4.47
Ave. 2011 r	1.11	2.33	0.29	1.65	2.67	2.19	1.55	4.19
Ave. 2012 r	1.59	2.07	0.40	1.60	2.55	2.15	1.87	3.10
Ave. 2013	1.53	2.00	0.44	1.30	2.97	2.19	2.03	3.65

of employees by industry

%

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Human health services	Art, entertainment & recreation	Other services
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
2.17	1.96	3.98	2.72	5.47	...	1.53	5.13	1.82
2.08	1.57	3.14	2.41	4.85	...	1.55	4.33	1.79
1.91	1.26	2.77	2.15	5.23	2.29	1.45	3.87	2.12
2.16	1.53	3.42	2.48	5.76	2.34	1.41	4.04	2.03
2.40	1.62	2.97	2.18	4.94	2.62	1.70	4.27	2.00
2.07	1.31	2.68	1.84	4.05	1.84	1.66	3.50	1.96
1.93	1.35	2.84	1.84	4.20	2.05	1.51	4.12	2.03

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Human health services	Art, entertainment & recreation	Other services
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
2.21	1.73	3.39	2.34	4.20	...	1.23	4.76	1.82
1.78	1.74	3.10	2.17	4.72	...	1.13	4.31	2.15
1.89	1.50	2.68	1.86	4.63	2.66	1.23	3.49	2.00
1.98	1.50	2.38	1.92	5.60	2.22	1.19	4.14	2.12
2.12	1.47	2.42	1.80	4.73	2.44	1.48	4.02	1.89
1.92	1.31	2.49	1.74	4.06	1.95	1.40	3.71	2.06
1.80	1.32	2.42	1.62	4.10	2.03	1.22	3.92	1.91

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* and the *Education Statistical Indicators*, 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*, compiled from results of the Annual National Technology survey conducted by the Ministry of Science and Technology. On the front of culture, this chapter contains data on the status of libraries and the status of historic relics. Information on culture is obtained from official statistics compiled by the Ministry of Education and the Ministry of Culture, 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.

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 2 to 5) at the preschools. 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 have 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 36. 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
1984	2 014	145	11 961	11 805	679	676	234 172	110 132	17 251	8 412
1985	2 210	158	12 471	12 310	766	765	234 674	111 249	17 859	8 677
1986	2 396	550	12 769	12 593	1 838	1 822	238 428	112 901	41 188	19 890
1987	2 518	639	12 994	12 834	2 299	2 267	250 179	119 288	47 569	23 278
1988	2 548	678	13 446	13 284	2 407	2 380	248 498	118 117	47 765	23 193
1989	2 556	688	13 244	13 080	2 560	2 537	242 785	116 036	45 667	22 325
1990	2 505	696	14 508	14 256	2 631	2 627	237 285	113 228	47 388	23 372
1991	2 495	716	14 852	14 628	2 752	2 748	235 099	112 404	48 271	23 796
1992	2 420	716	14 727	14 393	2 892	2 829	231 124	110 531	48 563	24 017
1993	2 435	774	14 998	14 822	2 982	2 982	237 779	113 367	51 113	25 236
1994	2 484	815	15 340	15 158	3 155	3 153	235 150	111 662	53 189	25 885
1995	2 581	883	16 129	15 977	3 419	3 414	240 368	113 416	55 529	27 280
1996	2 660	923	16 076	15 891	3 711	3 696	235 830	111 228	57 679	28 166
1997	2 777	1 009	16 543	16 398	4 005	3 988	230 781	109 546	60 918	29 970
1998	2 874	1 065	17 795	17 584	4 290	4 286	238 787	112 662	64 936	32 067
1999	3 005	1 160	18 168	18 026	4 550	4 545	232 610	110 439	68 563	33 813
2000	3 150	1 230	20 099	19 877	5 045	4 993	243 090	115 898	73 434	36 128
2001	3 234	1 288	19 799	19 600	5 246	5 212	246 303	118 800	75 956	37 217
2002	3 275	1 331	20 457	20 060	5 363	5 302	241 180	115 104	76 382	37 520
2003	3 306	1 358	21 251	20 900	5 362	5 325	240 926	114 494	74 462	36 453
2004	3 252	1 348	20 894	20 551	5 307	5 269	237 155	112 803	73 177	35 972
2005	3 351	1 474	21 833	21 480	5 976	5 933	224 219	106 650	69 186	34 010
2006	3 329	1 507	19 037	18 821	6 324	6 276	201 815	96 410	73 334	36 206
2007	3 283	1 528	17 403	17 204	5 700	5 662	191 773	91 556	73 224	35 984
2008	3 195	1 544	17 369	17 172	5 856	5 819	185 668	88 412	73 329	35 866
2009	3 154	1 553	16 904	16 708	5 938	5 896	182 049	86 345	72 991	35 568
2010	3 283	1 560	14 630	14 489	5 801	5 760	183 901	87 446	72 027	35 305
2011	3 195	1 581	14 918	14 788	6 074	6 022	189 792	90 187	71 335	34 893
2012	6 611	1 888	45 004	44 450	12 066	11 879	459 653	217 573	131 423	63 866
2013	6 560	1 919	45 296	44 701	12 459	12 242	448 189	212 269	131 910	64 272

Notes : Since the "Early Childhood Education and Care Act" was fulfilled in 2012, the kindergartens and the child-care centers were reformed to the "Preschools" from the SY 2012.

Table 37. Education at the first level :

School Year	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
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	103 803	70 307	102 663	69 344
2004	2 646	2 611	102 882	69 948	101 618	68 885
2005	2 655	2 619	101 662	69 317	100 286	68 159
2006	2 651	2 615	100 692	68 628	99 327	67 483
2007	2 651	2 613	101 360	69 420	99 811	68 144
2008	2 654	2 617	100 206	68 655	98 641	67 377
2009	2 658	2 621	99 155	68 066	97 557	66 764
2010	2 661	2 622	99 562	68 703	97 897	67 341
2011	2 659	2 623	98 559	68 326	96 887	66 959
2012 r	2 657	2 621	97 466	67 840	95 793	66 488
2013	2 650	2 613	97 450	68 273	95 717	66 868

institutions, teachers, students and graduates

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
2 273 390	1 103 511	2 248 835	1 092 876	354 687	172 254	349 249	169 823
2 321 700	1 126 230	2 296 919	1 115 526	356 176	173 289	352 355	172 478
2 364 438	1 146 939	2 339 469	1 136 033	357 398	173 688	353 605	172 879
2 400 614	1 164 465	2 375 375	1 153 430	390 836	189 824	386 832	188 117
2 407 166	1 167 311	2 381 229	1 155 897	396 248	193 137	392 167	191 372
2 384 801	1 155 940	2 358 650	1 144 344	389 752	188 822	385 720	187 034
2 354 113	1 140 522	2 328 193	1 128 939	406 231	196 882	402 194	195 059
2 293 444	1 111 804	2 267 458	1 100 171	399 710	194 042	394 598	191 742
2 200 968	1 065 735	2 175 449	1 054 298	396 807	192 141	392 802	190 352
2 111 037	1 021 739	2 085 667	1 010 449	395 678	191 843	391 684	190 082
2 032 361	981 823	2 006 995	970 528	378 491	183 565	374 421	181 768
1 971 439	950 849	1 946 445	939 651	359 708	174 166	355 680	172 373
1 934 756	931 005	1 910 221	920 105	346 756	168 261	342 831	166 479
1 905 690	913 906	1 881 776	903 262	310 968	150 332	307 120	149 502
1 910 681	914 574	1 887 505	904 295	304 850	146 886	301 158	145 243
1 927 179	921 643	1 904 944	911 834	317 847	152 943	314 277	151 356
1 925 981	920 898	1 903 815	910 962	317 581	152 627	314 005	151 067
1 925 491	920 991	1 904 147	911 368	326 223	155 865	322 653	154 322
1 918 034	918 087	1 894 643	907 492	318 758	151 752	315 328	150 180
1 913 000	916 677	1 888 731	905 704	317 510	151 713	313 896	150 075
1 883 533	903 002	1 857 186	891 104	319 630	153 342	316 336	151 806
1 831 873	877 951	1 804 466	865 444	318 431	152 811	314 052	150 839
1 798 393	861 386	1 770 189	848 549	317 713	152 887	313 363	150 947
1 754 095	839 593	1 724 064	825 943	318 661	152 941	313 977	150 823
1 677 439	802 317	1 647 522	788 629	314 200	150 567	309 428	148 407
1 593 398	761 409	1 563 363	747 729	288 408	138 235	283 574	136 033
1 519 746	725 094	1 489 022	711 117	271 625	130 172	266 725	127 952
1 457 004	694 988	1 425 102	680 459	285 628	136 258	280 321	133 841
1 373 366	654 851	1 340 762	639 977	275 346	131 871	269 784	129 281
1 297 120	618 358	1 264 084	603 123	...	...	...	...

Table 38. Education at the second level (general, vocational

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1984 Total	1 046	827	75 775	35 933	63 343	30 346
General	845	740	60 373	30 364	54 527	27 582
Vocational	201	87	15 402	5 569	8 816	2 764
1985 Total	1 052	834	76 563	36 528	63 958	30 937
General	851	746	60 683	30 737	54 756	27 981
Vocational	201	88	15 880	5 791	9 202	2 956
1986 Total	1 055	836	77 849	37 247	64 792	31 227
General	851	747	61 128	30 958	55 094	28 049
Vocational	204	89	16 721	6 289	9 698	3 178
1987 Total	1 059	840	78 747	38 207	65 570	32 085
General	850	746	61 381	31 531	55 338	28 669
Vocational	209	94	17 366	6 676	10 232	3 416
1988 Total	1 063	844	80 062	39 650	66 829	33 307
General	851	750	62 401	32 663	56 363	29 742
Vocational	212	94	17 661	6 987	10 466	3 565
1989 Total	1 073	854	81 986	41 576	68 651	35 066
General	859	760	64 299	34 395	58 095	31 376
Vocational	214	94	17 687	7 181	10 556	3 690
1990 Total	1 086	865	84 260	43 364	70 271	36 437
General	870	770	66 557	36 178	59 590	32 719
Vocational	216	95	17 703	7 186	10 681	3 718
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

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

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
1 677 924	813 730	1 344 401	641 381	534 947	257 427	436 357	214 279
1 270 092	607 753	1 181 438	568 155	412 308	195 202	386 228	191 191
407 832	205 977	162 963	73 226	122 639	62 225	50 129	23 088
1 678 767	816 816	1 331 602	636 496	534 853	260 791	437 056	210 458
1 256 983	602 458	1 165 116	560 909	413 112	198 231	386 026	187 026
421 784	214 358	166 486	75 587	121 741	62 560	51 030	23 432
1 691 516	826 998	1 327 828	635 833	525 916	257 124	423 521	208 828
1 253 592	601 103	1 158 083	558 234	402 272	193 195	373 762	185 901
437 924	225 895	169 745	77 599	123 644	63 929	49 759	22 927
1 707 270	840 192	1 339 880	645 327	529 234	267 345	421 264	208 360
1 259 942	606 568	1 162 696	562 977	398 917	199 069	369 399	183 503
447 328	233 624	177 184	82 350	130 317	68 276	51 865	24 857
1 742 116	861 177	1 375 258	664 119	544 304	273 623	429 113	216 247
1 297 884	625 036	1 194 461	579 018	403 911	198 287	372 956	189 331
444 232	236 141	180 797	85 101	140 393	75 336	56 157	26 916
1 767 835	879 781	1 399 337	681 460	532 682	268 884	428 604	212 261
1 329 695	644 431	1 220 642	595 914	403 857	198 801	373 490	185 108
438 140	235 350	178 695	85 546	128 825	70 083	55 114	27 153
1 818 301	904 743	1 428 828	694 514	562 617	284 483	453 836	224 853
1 369 190	661 997	1 250 723	609 163	434 536	213 471	399 700	197 664
449 111	242 746	178 105	85 351	128 081	71 012	54 136	27 189
1 870 315	929 786	1 449 887	702 500	573 323	289 841	457 226	226 089
1 394 463	672 972	1 267 556	616 186	438 406	214 779	401 852	198 493
475 852	256 814	182 331	86 314	134 917	75 062	55 374	27 596
1 909 625	950 362	1 460 615	707 699	584 447	295 652	458 604	225 492
1 408 904	681 937	1 273 248	620 320	441 667	216 061	402 267	197 939
500 721	268 425	187 367	87 379	142 780	79 591	56 337	27 553
1 941 241	963 970	1 472 445	711 917	614 714	308 639	477 300	233 494
1 426 030	689 151	1 282 145	623 221	461 828	224 758	418 884	205 195
515 211	274 819	190 300	88 696	152 886	83 881	58 416	28 299

Table 38. Education at the second level (general, vocational

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
1994 Total	1 113	890	93 617	51 403	76 038	42 095
General	907	795	74 465	42 943	64 986	38 017
Vocational	206	95	19 152	8 460	11 052	4 078
1995 Total	1 123	900	96 222	53 551	77 635	43 574
General	920	804	76 562	44 650	66 489	39 405
Vocational	203	96	19 660	8 901	11 146	4 169
1996 Total	1 138	914	98 437	55 087	79 189	44 825
General	934	816	78 246	45 923	67 908	40 552
Vocational	204	98	20 191	9 164	11 281	4 273
1997 Total	1 151	926	99 411	56 234	79 664	45 622
General	947	827	79 001	46 804	68 263	41 202
Vocational	204	99	20 410	9 430	11 401	4 420
1998 Total	1 158	933	98 857	56 378	78 707	45 537
General	957	834	78 455	46 817	67 267	40 986
Vocational	201	99	20 402	9 561	11 440	4 551
1999 Total	1 171	946	98 709	57 105	78 901	46 401
General	972	849	78 506	47 590	67 351	41 691
Vocational	199	97	20 203	9 515	11 550	4 710
2000 Total	1 174	949	98 677	57 775	79 144	47 103
General	986	854	79 865	48 823	67 712	42 322
Vocational	188	95	18 812	8 952	11 432	4 781
2001 Total	1 181	958	98 609	58 674	80 026	48 509
General	1 003	863	81 212	50 402	68 693	43 644
Vocational	178	95	17 397	8 272	11 333	4 865
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

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

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
1 947 022	967 557	1 462 300	706 269	614 967	309 391	472 439	230 851
1 423 040	688 379	1 271 382	618 274	457 387	223 034	412 938	202 393
523 982	279 178	190 918	87 995	157 580	86 357	59 501	28 458
1 935 613	960 636	1 444 511	696 809	614 291	308 874	468 760	228 574
1 412 201	683 096	1 253 611	609 314	456 361	222 503	408 842	199 991
523 412	277 540	190 900	87 495	157 930	86 371	59 918	28 583
1 908 935	945 015	1 410 920	680 266	621 270	311 154	468 051	227 683
1 388 782	673 103	1 223 805	595 717	458 629	223 183	408 435	199 757
520 153	271 912	187 115	84 549	162 641	87 971	59 616	27 926
1 874 747	926 433	1 369 862	661 564	607 709	304 568	455 351	221 948
1 365 683	664 039	1 185 949	578 833	448 472	218 959	396 512	194 364
509 064	262 394	183 913	82 731	159 237	85 609	58 839	27 584
1 814 202	893 253	1 311 482	633 615	595 872	296 746	439 614	213 735
1 321 147	643 691	1 130 337	552 919	437 319	214 081	382 625	187 807
493 055	249 562	181 145	80 696	158 553	82 665	56 989	25 928
1 756 034	861 818	1 269 162	613 753	591 159	294 434	430 494	210 285
1 288 827	628 279	1 089 855	533 462	438 579	215 521	374 084	184 274
467 207	233 539	179 307	80 291	152 580	78 913	56 410	26 011
1 713 489	836 803	1 247 543	604 424	551 631	273 352	400 804	195 619
1 286 123	625 166	1 078 063	526 860	408 255	200 161	345 395	170 146
427 366	211 637	169 480	77 564	143 376	73 191	55 409	25 473
1 684 449	817 970	1 256 947	607 726	546 844	268 986	401 875	194 842
1 306 718	634 979	1 098 938	536 449	412 831	201 414	347 505	169 619
377 731	182 991	158 009	71 277	134 013	67 572	54 370	25 223
1 679 959	810 660	1 264 353	609 195	552 329	270 851	411 034	201 411
1 340 332	650 851	1 120 428	545 620	438 288	213 543	364 122	178 014
339 627	159 809	143 925	63 575	114 041	57 308	46 912	23 397
1 676 970	804 052	1 262 465	604 932	531 365	258 890	409 525	198 418
1 350 974	655 562	1 126 447	547 518	432 258	211 256	366 015	178 977
325 996	148 490	136 018	57 414	99 107	47 634	43 510	19 441

Table 38. Education at the second level (general, vocational

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
2004 Total	1 196	975	97 432	59 722	79 507	49 957
General	1 035	882	81 928	52 112	68 622	44 887
Vocational	161	93	15 504	7 610	10 885	5 070
2005 Total	1 203	987	98 499	60 735	80 027	50 575
General	1 046	894	82 909	53 032	69 142	45 456
Vocational	157	93	15 590	7 703	10 885	5 119
2006 Total	1 210	991	100 498	62 263	81 879	51 914
General	1 054	899	84 330	54 147	70 427	46 386
Vocational	156	92	16 168	8 116	11 452	5 528
2007 Total	1 216	994	102 333	63 768	83 504	53 244
General	1 060	902	86 075	55 528	71 989	47 639
Vocational	156	92	16 258	8 240	11 515	5 605
2008 Total	1 217	994	103 006	64 350	84 162	53 786
General	1 061	902	86 536	55 942	72 627	48 108
Vocational	156	92	16 470	8 408	11 535	5 678
2009 Total	1 226	1 000	104 064	65 287	85 109	54 555
General	1 070	908	87 479	56 698	73 482	48 750
Vocational	156	92	16 585	8 589	11 627	5 805
2010 Total	1 231	1 006	105 128	66 066	85 733	55 082
General	1 075	914	88 222	57 233	73 932	49 128
Vocational	156	92	16 906	8 833	11 801	5 954
2011 Total	1 233	1 009	104 583	65 872	85 269	54 836
General	1 078	917	87 607	56 962	73 349	48 801
Vocational	155	92	16 976	8 910	11 920	6 035
2012 Total	1 235	1 009	106 197	67 008	86 717	55 917
General	1 080	917	89 031	57 988	74 645	49 750
Vocational	155	92	17 166	9 020	12 072	6 167
2013 Total	1 237	1 011	107 338	67 819	87 835	56 757
General	1 082	919	90 293	58 917	75 849	50 647
Vocational	155	92	17 045	8 902	11 986	6 110

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

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
1 692 721	809 291	1 261 203	603 970	542 853	261 539	417 867	200 664
1 366 562	662 368	1 130 376	548 912	446 418	216 594	376 813	182 834
326 159	146 923	130 827	55 058	96 435	44 945	41 054	17 830
1 703 414	813 764	1 255 543	600 446	544 551	262 622	410 855	197 933
1 371 810	665 631	1 126 896	546 397	447 201	217 667	371 251	180 556
331 604	148 133	128 647	54 049	97 350	44 955	39 604	17 377
1 707 038	813 895	1 256 213	599 516	548 009	264 876	409 229	197 669
1 371 484	664 976	1 128 267	546 206	448 721	218 880	370 252	180 611
335 554	148 919	127 946	53 310	99 288	45 996	38 977	17 058
1 707 331	813 162	1 259 443	600 570	556 076	267 841	414 164	198 705
1 367 834	663 878	1 130 528	547 339	453 886	221 300	374 755	181 778
339 497	149 284	128 915	53 231	102 190	46 541	39 409	16 927
1 704 855	812 197	1 259 493	601 358	550 813	264 726	413 074	198 126
1 358 292	659 461	1 129 783	547 662	447 749	218 222	373 016	181 159
346 563	152 736	129 710	53 696	103 064	46 504	40 058	16 967
1 706 325	812 741	1 260 933	601 340	551 988	265 728	414 161	199 483
1 351 717	655 878	1 129 760	547 424	447 061	218 642	373 386	182 266
354 608	156 863	131 173	53 916	104 927	47 086	40 775	17 217
1 682 958	801 748	1 234 686	587 617	555 710	267 512	415 679	199 848
1 320 444	640 658	1 102 624	533 684	445 873	217 468	374 327	182 142
362 514	161 090	132 062	53 933	109 837	50 044	41 352	17 706
1 641 633	781 641	1 193 505	566 690	547 524	263 903	409 457	196 297
1 275 184	618 665	1 060 041	513 114	437 661	213 512	368 016	179 036
366 449	162 976	133 464	53 576	109 863	50 391	41 441	17 261
1 617 009	768 980	1 168 164	553 882	525 352	253 841	384 912	184 944
1 247 573	604 836	1 033 160	499 993	413 419	202 535	343 594	167 789
369 436	164 144	135 004	53 889	111 933	51 306	41 318	17 155
1 585 742	753 169	1 153 312	547 570	...	...	...	...
1 225 251	593 952	1 017 865	493 643	...	...	...	...
360 491	159 217	135 447	53 927	...	...	...	...

Table 39. 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		
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
2010	163	54	15	148	50 684	17 229	19 375	5 828	1 598	49 086
2011	163	54	15	148	50 332	17 252	19 620	5 941	1 691	48 641
2012	162	53	14	148	50 158	17 401	19 733	5 999	1 738	48 420
2013	161	52	14	147	50 024	17 496	19 798	6 049	1 741	48 283

institutions, teachers, students and graduates

Students enrolled (Persons)							Graduates (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			
412 381	177 795	128 294	54 346	227 492	173 908	10 981	88 357	36 905	28 380	11 414	47 877	36 998	3 482
428 576	185 349	132 696	56 489	236 824	179 334	12 418	97 289	41 520	32 197	14 021	54 703	38 625	3 961
442 648	192 295	132 812	55 258	244 482	184 729	13 437	99 838	43 341	32 978	14 358	56 408	39 065	4 365
464 664	204 537	137 450	56 996	256 610	192 933	15 121	102 242	44 511	33 948	14 578	57 082	40 380	4 780
496 530	221 935	145 257	59 237	271 710	207 479	17 341	105 676	46 038	33 164	13 302	58 912	41 406	5 358
535 064	243 806	155 554	63 421	293 204	222 311	19 549	114 313	51 251	36 894	15 533	65 177	42 952	6 184
576 623	266 090	167 442	69 198	315 169	239 082	22 372	129 193	59 640	41 451	16 899	72 867	49 399	6 927
612 376	282 989	176 658	72 668	332 127	253 462	26 787	144 354	69 561	43 950	18 525	81 683	54 375	8 296
653 162	303 359	199 447	81 944	348 803	273 088	31 271	156 600	77 235	50 438	21 101	87 427	59 478	9 695
689 185	321 152	210 416	87 259	367 373	285 982	35 830	172 849	85 001	53 905	22 208	98 433	63 160	11 256
720 180	341 172	217 240	92 107	378 860	302 093	39 227	181 170	86 890	56 542	23 112	100 793	67 823	12 554
751 347	364 783	227 679	98 355	394 751	314 499	42 097	189 563	92 787	60 819	24 945	105 113	70 748	13 702
795 547	392 583	235 332	103 324	412 837	337 837	44 873	196 384	97 421	61 248	25 579	107 626	74 255	14 503
856 186	428 447	247 825	109 775	433 865	373 702	48 619	215 412	111 015	70 147	31 557	114 182	85 802	15 428
915 921	460 882	258 003	115 079	452 346	409 705	53 870	224 630	116 906	66 970	29 869	120 886	87 421	16 323
994 283	497 710	275 190	121 568	457 020	470 030	67 233	247 890	129 405	71 451	31 727	129 507	100 171	18 212
1 092 102	542 885	295 184	129 394	444 182	564 059	83 861	266 561	136 962	73 509	32 085	126 916	117 430	22 215
1 187 225	591 374	318 314	139 437	406 841	677 171	103 213	296 884	150 274	79 490	34 499	123 317	146 166	27 401
1 240 292	620 120	337 682	149 009	347 247	770 915	122 130	318 867	161 801	82 744	35 537	110 208	176 044	32 615
1 270 194	637 125	356 383	158 473	289 025	837 602	143 567	321 808	163 236	89 493	39 208	91 009	192 854	37 945
1 285 867	640 654	369 889	164 900	230 938	894 528	160 401	336 865	171 363	91 608	40 363	81 603	210 763	44 499
1 296 558	638 858	384 935	170 524	180 886	938 648	177 024	325 106	166 121	94 321	42 161	56 837	219 919	48 350
1 313 993	641 555	400 029	177 113	153 978	966 591	193 424	325 274	165 184	97 778	43 404	43 803	228 645	52 826
1 326 029	646 014	412 035	183 166	133 890	987 914	204 225	323 540	162 371	101 953	45 897	35 815	230 198	57 527
1 337 455	654 341	422 736	189 646	117 653	1 006 102	213 700	317 162	159 976	103 598	47 095	28 014	227 885	61 263
1 336 659	656 621	430 308	194 500	108 555	1 010 952	217 152	315 039	158 955	104 608	47 605	24 668	227 174	63 197
1 343 603	662 549	436 216	197 689	102 789	1 021 636	219 178	313 211	159 106	107 560	49 240	20 463	228 878	63 870
1 352 084	668 717	436 861	198 248	101 300	1 032 985	217 799	315 564	161 406	108 596	50 086	19 205	232 448	63 911
1 355 290	671 844	437 026	197 598	101 424	1 038 041	215 825	309 333	157 412	108 930	49 614	18 075	226 799	64 459
1 345 973	672 097	435 427	197 517	101 659	1 035 534	208 780	...	...	...	...	...	...	...

Table 40. 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
1984 Total	424	275	4 548	1 822	1 565	625
Special	10	8	564	359	543	344
Others	414	267	3 984	1 463	1 022	281
1985 Total	432	283	4 325	1 758	1 796	720
Special	10	8	568	371	547	355
Others	422	275	3 757	1 387	1 249	365
1986 Total	449	303	4 548	1 814	1 651	691
Special	10	8	584	389	561	372
Others	439	295	3 964	1 425	1 090	319
1987 Total	472	326	4 926	2 023	1 711	725
Special	10	8	617	404	593	389
Others	462	318	4 309	1 619	1 118	336
1988 Total	500	357	4 597	1 942	1 859	784
Special	10	8	641	419	607	393
Others	490	349	3 956	1 523	1 252	391
1989 Total	511	367	5 196	2 198	2 047	894
Special	11	9	750	501	711	470
Others	500	358	4 446	1 697	1 336	424
1990 Total	544	401	3 890	1 758	2 140	953
Special	11	9	875	602	819	556
Others	533	392	3 015	1 156	1 321	397
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

institutions, teachers, students and graduates

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
272 971	159 648	132 282	84 503	71 646	43 636	35 300	23 724
2 883	1 253	2 793	1 217	665	298	657	296
270 088	158 395	129 489	83 286	70 981	43 338	34 643	23 428
278 593	161 423	137 565	86 779	72 462	45 207	37 387	25 151
2 954	1 278	2 864	1 240	684	307	679	306
275 639	160 145	134 701	85 539	71 778	44 900	36 708	24 845
308 738	180 906	160 773	101 637	76 270	46 111	37 589	24 483
3 039	1 293	2 950	1 253	722	325	715	319
305 699	179 613	157 823	100 384	75 548	45 786	36 874	24 164
301 015	177 326	158 135	100 558	74 649	42 347	38 822	24 787
2 948	1 257	2 843	1 217	666	294	658	291
298 067	176 069	155 292	99 341	73 983	42 053	38 164	24 496
302 692	177 802	162 946	102 696	81 516	45 431	40 844	21 900
2 998	1 343	2 868	1 295	639	288	632	285
299 694	176 459	160 078	101 401	80 877	45 143	40 212	21 615
282 036	165 002	151 086	86 755	73 046	45 348	38 152	25 675
3 163	1 350	3 030	1 300	635	282	632	282
278 873	163 652	148 056	85 455	72 411	45 066	37 520	25 393
293 542	170 334	161 432	102 865	71 836	43 988	37 673	24 988
3 359	1 434	3 158	1 349	731	298	722	293
290 183	168 900	158 274	101 516	71 105	43 690	36 951	24 695
312 481	177 259	173 219	108 856	73 579	42 539	37 528	23 834
3 620	1 546	3 345	1 437	853	371	846	369
308 861	175 713	169 874	107 419	72 726	42 168	36 682	23 465
331 640	186 999	186 631	117 338	81 700	47 938	44 037	28 276
3 765	1 599	3 582	1 521	1 016	435	1 000	429
327 875	185 400	183 049	115 817	80 684	47 503	43 037	27 847
337 705	189 478	193 144	121 541	85 396	48 843	45 542	28 719
3 980	1 667	3 807	1 592	952	408	933	397
333 725	187 811	189 337	119 949	84 444	48 435	44 609	28 322

Table 40. 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
1994 Total	818	675	4 465	2 191	2 581	1 271
Special	16	14	1 203	838	1 147	788
Others	802	661	3 262	1 353	1 434	483
1995 Total	863	724	4 704	2 341	2 717	1 368
Special	17	15	1 324	919	1 262	863
Others	846	709	3 380	1 422	1 455	505
1996 Total	903	754	4 827	2 407	2 784	1 431
Special	17	15	1 386	962	1 320	903
Others	886	739	3 441	1 445	1 464	528
1997 Total	955	799	4 904	2 473	2 901	1 515
Special	17	15	1 470	1 019	1 414	970
Others	938	784	3 434	1 454	1 487	545
1998 Total	1 005	845	5 086	2 619	3 021	1 629
Special	20	18	1 532	1 079	1 479	1 031
Others	985	827	3 554	1 540	1 542	598
1999 Total	1 015	839	4 970	2 581	3 117	1 690
Special	23	21	1 629	1 135	1 576	1 086
Others	992	818	3 341	1 446	1 541	604
2000 Total	997	812	4 929	2 551	3 066	1 682
Special	23	21	1 601	1 098	1 547	1 048
Others	974	791	3 328	1 453	1 519	634
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

institutions, teachers, students and graduates (continued)

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
339 637	190 885	195 617	117 558	88 377	51 220	47 561	30 772
4 506	1 916	4 327	1 841	1 064	442	1 059	441
335 131	188 969	191 290	115 717	87 313	50 778	46 502	30 331
327 342	182 038	191 570	119 322	84 691	48 226	45 996	29 616
4 822	1 994	4 636	1 914	1 141	509	1 123	499
322 520	180 044	186 934	117 408	83 550	47 717	44 873	29 117
316 151	175 753	184 975	114 917	82 711	46 526	45 219	28 655
5 203	2 151	5 019	2 073	1 329	558	1 301	545
310 948	173 602	179 956	112 844	81 382	45 968	43 918	28 110
327 837	183 754	200 489	123 800	78 251	43 295	43 227	26 847
5 357	2 176	5 191	2 111	1 559	624	1 546	618
322 480	181 578	195 298	121 689	76 692	42 671	41 681	26 229
336 182	189 770	206 027	127 912	79 735	44 457	44 667	26 654
5 588	2 273	5 421	2 205	1 489	617	1 474	610
330 594	187 497	200 606	125 707	78 246	43 840	43 193	26 044
331 535	185 754	197 540	121 129	80 352	45 599	45 389	28 617
5 697	2 295	5 521	2 225	1 542	627	1 524	623
325 838	183 459	192 019	118 904	78 810	44 972	43 865	27 994
328 339	183 078	187 558	114 381	82 722	46 479	46 105	28 702
5 989	2 422	5 817	2 350	1 798	699	1 785	695
322 350	180 656	181 741	112 031	80 924	45 780	44 320	28 007
310 623	172 354	172 167	104 825	81 060	45 043	41 371	25 272
5 860	2 374	5 688	2 303	1 692	693	1 679	689
304 763	169 980	166 479	102 522	79 368	44 350	39 692	24 583
297 482	164 869	165 985	102 605	79 615	43 828	39 376	23 820
5 800	2 351	5 654	2 298	1 740	718	1 737	717
291 682	162 518	160 331	100 307	77 875	43 110	37 639	23 103
284 045	154 448	157 373	96 876	76 181	41 274	38 038	22 691
5 921	2 404	5 774	2 347	1 728	690	1 714	687
278 124	152 044	151 599	94 529	74 453	40 584	36 324	22 004

Table 40. 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
2004 Total	931	737	4 394	2 415	2 858	1 729
Special	24	23	1 693	1 199	1 643	1 151
Others	907	714	2 701	1 216	1 215	578
2005 Total	916	715	4 148	2 348	2 718	1 685
Special	24	23	1 709	1 223	1 659	1 176
Others	892	692	2 439	1 125	1 059	509
2006 Total	901	702	3 363	1 963	2 024	1 339
Special	24	23	1 736	1 234	1 686	1 190
Others	877	679	1 627	729	338	149
2007 Total	888	688	3 300	1 955	2 039	1 376
Special	24	23	1 761	1 277	1 710	1 233
Others	864	665	1 539	678	329	143
2008 Total	869	672	3 226	1 954	2 016	1 371
Special	24	23	1 734	1 260	1 695	1 228
Others	845	649	1 492	694	321	143
2009 Total	858	661	3 226	1 995	2 048	1 401
Special	24	23	1 738	1 274	1 701	1 244
Others	834	638	1 488	721	347	157
2010 Total	858	653	3 185	1 970	2 057	1 401
Special	24	23	1 790	1 302	1 752	1 271
Others	834	630	1 395	668	305	130
2011 Total	850	645	3 131	1 925	2 089	1 412
Special	27	26	1 829	1 313	1 789	1 282
Others	823	619	1 302	612	300	130
2012 Total	831	627	3 086	1 930	2 103	1 447
Special	27	26	1 827	1 328	1 785	1 295
Others	804	601	1 259	602	318	152
2013 Total	820	621	3 010	1 833	2 123	1 444
Special	28	27	1 816	1 297	1 770	1 287
Others	792	594	1 194	536	353	157

institutions, teachers, students and graduates (continued)

Students enrolled (Persons)				Graduates (Persons)			
Total		Public		Total		Public	
Both sexes	Female	Sub-total	Female	Both sexes	Female	Sub-total	Female
273 070	145 456	146 470	90 486	79 815	42 637	37 710	21 085
6 119	2 489	5 973	2 429	1 541	641	1 523	633
266 951	142 967	140 497	88 057	78 274	41 996	36 187	20 452
263 300	137 976	138 923	85 124	74 548	39 269	36 105	21 866
6 361	2 573	6 215	2 511	1 744	712	1 722	701
256 939	135 403	132 708	82 613	72 804	38 557	34 383	21 165
265 646	139 605	135 234	84 355	74 278	38 396	33 973	20 707
6 588	2 664	6 440	2 603	1 853	759	1 821	747
259 058	136 941	128 794	81 752	72 425	37 637	32 152	19 960
263 834	136 479	131 309	79 645	76 988	39 506	33 595	20 031
6 765	2 709	6 627	2 659	1 832	752	1 798	733
257 069	133 770	124 682	76 986	75 156	38 754	31 797	19 298
260 400	132 240	130 028	76 168	78 260	39 252	34 957	19 713
6 875	2 710	6 747	2 667	1 942	759	1 924	753
253 525	129 530	123 281	73 501	76 318	38 493	33 033	18 960
247 531	124 766	123 943	71 824	74 826	37 028	32 975	18 547
7 145	2 806	7 027	2 766	2 016	782	2 004	779
240 386	121 960	116 916	69 058	72 810	36 246	30 971	17 768
235 482	117 641	116 213	66 441	73 099	36 023	32 684	17 988
7 006	2 786	6 894	2 747	2 038	824	2 024	818
228 476	114 855	109 319	63 694	71 061	35 199	30 660	17 170
219 509	108 826	107 077	60 532	68 792	33 950	30 600	16 858
7 014	2 782	6 899	2 739	2 184	837	2 170	831
212 495	106 044	100 178	57 793	66 608	33 113	28 430	16 027
201 957	100 003	97 795	54 840	61 759	30 512	26 051	14 280
6 885	2 739	6 763	2 696	2 004	825	1 989	821
195 072	97 264	91 032	52 144	59 755	29 687	24 062	13 459
182 790	91 027	90 893	50 784	...	...	...	...
6 746	2 577	6 620	2 529	...	...	...	...
176 044	88 450	84 273	48 255	...	...	...	...

Table 41. 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 ¹ (3rd level)		
				Total	Male	Female	Total	Male	Female
Net enrollment rates									
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	96.74	97.30	93.83	93.03	94.69	49.05	45.33	52.99
2004	86.55	97.68	98.23	93.63	92.94	94.39	53.20	49.58	57.04
2005	87.71	98.68	98.46	93.63	93.05	94.26	57.42	54.00	61.06
2006	88.55	98.11	97.77	94.91	94.42	95.43	59.83	56.70	63.16
2007	89.26	97.84	97.79	94.56	94.23	94.92	61.41	58.33	64.71
2008 r	89.35	97.75	97.74	94.99	94.64	95.37	64.44	61.15	67.99
2009 r	89.43	97.95	98.01	95.44	95.05	95.85	65.38	61.75	69.32
2010 r	89.55	97.89	97.97	95.59	95.30	95.90	66.71	63.00	70.75
2011 r	89.76	97.86	97.88	95.63	95.28	96.00	68.42	64.63	72.53
2012 r	89.84	97.90	97.79	95.64	95.23	96.09	69.71	65.80	73.96
2013	89.79	97.87	97.70	95.70	95.35	96.09	70.41	66.15	75.00
Gross enrollment rates									
1994	83.26	100.37	100.90	95.93	94.02	97.96	38.32	38.43	38.21
1995	83.17	100.94	101.39	95.66	93.84	97.59	39.44	38.54	40.39
1996	83.00	101.01	101.12	95.79	94.06	97.63	40.90	39.24	42.64
1997	83.39	101.12	100.63	97.21	95.60	98.92	43.08	40.71	45.58
1998	84.62	100.89	99.80	98.55	97.12	100.07	46.98	44.30	49.79
1999	85.61	100.85	99.67	99.61	98.26	101.04	50.52	48.00	53.17
2000	87.23	100.28	100.49	99.23	98.05	100.49	56.14	53.87	58.54
2001	89.07	99.53	99.66	99.44	98.31	100.64	62.96	60.44	65.62
2002	90.56	99.57	99.99	99.33	98.31	100.43	67.56	64.52	70.78
2003	91.87	100.02	99.54	99.03	98.16	99.96	72.37	68.76	76.18
2004	93.87	100.43	100.77	98.30	97.58	99.09	78.11	74.62	81.80
2005	94.73	100.17	100.34	97.91	97.30	98.58	82.02	79.13	85.08
2006	95.33	99.52	99.54	99.14	98.63	99.68	83.58	81.37	85.94
2007	96.05	100.21	100.82	98.68	98.27	99.11	85.31	83.25	87.52
2008	95.52	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	98.77	99.20	82.17	79.52	85.06
2010	95.60	100.47	99.68	100.30	100.05	100.57	83.77	80.80	87.01
2011	95.45	100.62	100.37	100.02	99.61	100.47	83.37	80.37	86.64
2012	95.55	100.76	101.44	98.96	98.51	99.44	84.43	81.27	87.86
2013	95.19	99.44	99.52	100.25	99.81	100.72	83.88	80.36	87.68

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

Table 42. Net percentage of graduates entering advanced levels

%

School Year	Primary school			Junior high school			Senior high school			Vocational school		
	Average	Male	Female	Average	Male	Female	Average	Male	Female	Average	Male	Female
1984	98.70	99.48	97.87	70.54	68.98	72.21	44.36	38.31	51.18	...	...	...
1985	98.73	99.07	98.38	71.31	70.08	72.62	40.19	35.53	45.68	...	...	...
1986	99.04	99.47	98.59	77.13	73.96	80.50	40.98	36.31	46.45	...	...	...
1987	99.51	99.37	99.65	79.32	75.34	83.19	46.26	38.87	54.63	2.83	4.43	1.35
1988	99.09	99.16	99.02	79.51	75.70	83.52	45.53	37.29	54.86	4.57	7.72	2.50
1989	99.62	99.79	99.44	79.60	76.80	82.47	44.40	39.86	49.29	7.00	8.84	5.41
1990	99.77	99.98	99.56	84.70	81.40	88.09	48.58	46.38	50.94	12.92	12.01	13.68
1991	99.28	99.34	99.22	86.09	83.08	89.19	51.94	55.24	48.43	13.68	14.47	13.04
1992	99.54	99.37	99.71	88.32	85.17	91.58	59.15	63.61	54.29	13.71	14.87	12.78
1993	99.53	99.27	99.80	87.78	84.94	90.75	61.32	64.47	58.29	18.03	18.44	17.71
1994	99.83	99.77	99.89	88.49	85.79	91.31	57.38	55.64	59.32	16.22	16.11	16.31
1995	99.75	99.77	99.72	89.17	86.73	91.71	56.58	53.01	60.51	17.84	17.13	18.43
1996	98.89	98.70	99.09	90.70	88.59	92.91	58.88	55.31	62.71	17.71	16.67	18.58
1997	99.18	99.19	99.18	92.02	90.15	93.98	61.95	60.30	63.73	23.32	22.53	23.99
1998	99.60	99.46	99.75	93.94	92.64	95.30	67.43	66.43	68.46	24.74	22.85	26.37
1999	99.89	99.88	99.91	94.73	94.69	94.79	74.35	75.58	73.10	30.14	28.04	32.07
2000	99.79	99.78	99.79	95.31	94.46	96.20	74.77	75.43	74.11	36.90	33.52	40.07
2001	99.15	99.34	98.98	95.97	94.91	97.10	77.13	77.41	76.86	42.72	38.48	46.78
2002	99.70	99.64	99.76	95.48	94.81	96.20	81.21	81.09	81.32	46.58	42.91	50.17
2003	99.44	99.44	99.44	95.74	94.74	96.82	82.20	80.78	83.60	56.02	50.95	61.04
2004	99.42	99.45	99.39	96.03	95.26	96.86	86.01	84.98	87.00	62.72	59.39	66.32
2005	99.31	99.21	99.41	94.88	93.52	96.38	88.44	87.28	89.56	66.61	63.90	69.71
2006	99.54	99.68	99.39	96.23	95.66	96.86	91.13	90.48	91.75	69.79	67.61	72.34
2007	99.66	99.63	99.69	96.26	95.46	97.12	93.61	93.07	94.12	72.96	71.50	74.64
2008	99.79	99.74	99.83	95.38	94.76	96.06	95.34	94.76	95.91	76.47	74.95	78.28
2009	99.85	99.93	99.76	97.63	97.42	97.86	95.56	94.88	96.23	76.91	75.27	78.90
2010	99.89	99.92	99.85	98.15	97.83	98.50	95.24	94.45	96.01	79.64	78.02	81.62
2011	99.91	99.91	99.90	97.67	97.32	98.04	94.67	93.59	95.72	81.91	80.46	83.64
2012	99.91	99.96	99.85	99.15	98.99	99.33	94.75	93.39	96.09	83.51	81.54	85.82
2013	99.85	99.87	99.84	99.37	99.32	99.44	95.50	94.22	96.73	81.10	78.40	84.29

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 43. Gross percentage of junior high & senior high school graduates entering advanced levels

%

School Year	Graduate in junior high school			Graduate in senior high school		
	Average	Male	Female	Average	Male	Female
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	108.17	109.36	106.92	118.17	118.26	118.07
2001	107.51	108.57	106.39	...	...	...
2002	106.95	108.11	105.71	...	...	...
2003	104.94	105.51	104.32	...	...	...
2004	105.75	106.31	105.14	...	...	...
2005	104.70	105.04	104.33	...	...	...
2006	105.51	106.42	104.51	...	...	...
2007	105.67	106.89	104.33	...	...	...
2008	105.07	105.95	104.13	...	...	...
2009	104.96	106.11	103.71	...	...	...
2010	105.65	106.69	104.53	...	...	...
2011	105.28	106.03	104.46	...	...	...
2012	106.11	107.56	104.56	...	...	...
2013	106.13	107.66	104.49	...	...	...

Table 44. Number of students per teacher at all levels

Persons

School Year	Primary school	Junior high school	Senior high school	Vocational school	Junior college	University & college
1984	31.79	22.24	22.39	21.63	20.00	13.29
1985	32.12	21.89	22.63	21.40	19.66	13.52
1986	31.59	21.63	22.70	21.17	19.38	13.47
1987	31.49	21.44	22.99	21.28	20.23	13.20
1988	30.90	21.64	22.91	21.15	20.54	13.39
1989	29.50	21.55	22.33	20.96	19.91	13.52
1990	28.51	21.55	22.26	21.08	19.63	13.64
1991	27.20	21.23	22.29	21.28	19.35	13.82
1992	26.19	20.93	22.31	22.10	19.16	13.90
1993	25.29	20.54	21.92	23.41	19.13	14.00
1994	24.15	20.13	21.35	22.12	18.88	14.18
1995	22.42	19.30	21.17	21.36	19.13	14.07
1996	21.46	18.30	20.62	21.06	19.16	14.61
1997	20.69	17.56	20.29	20.51	19.87	16.05
1998	20.11	16.80	19.97	20.12	20.09	16.79
1999	19.52	16.04	19.70	19.61	19.61	17.91
2000	18.96	15.60	19.69	20.51	20.08	19.07
2001	18.60	15.67	19.41	19.18	20.56	19.83
2002	18.39	16.05	19.41	18.19	20.97	20.00
2003	18.43	16.14	19.17	18.15	19.78	20.00
2004	18.31	16.28	19.39	18.42	19.57	19.88
2005	18.02	16.02	19.46	18.81	18.92	19.82
2006	17.86	15.70	19.29	18.41	21.01	19.64
2007	17.31	15.23	19.11	18.70	22.73	19.92
2008	16.74	15.08	18.91	19.01	23.65	20.18
2009	16.07	14.90	18.73	19.08	26.13	20.77
2010	15.26	14.31	18.58	18.69	26.74	21.07
2011	14.78	13.74	18.53	18.29	27.69	21.48
2012 r	14.09	13.00	18.29	17.83	28.34	21.82
2013	13.31	12.50	17.82	17.30	29.70	21.94

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. 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 45. Educational attainments

Year	Average length of education (years)			First level ¹		
	Average	Male	Female	Average	Male	Female
1989	7.98	8.89	7.01	51.33	43.48	59.70
1990	8.19	9.07	7.24	48.94	41.13	57.24
1991	8.28	9.14	7.38	47.80	39.97	56.10
1992	8.48	9.31	7.59	45.49	37.94	53.45
1993	8.66	9.48	7.79	43.43	36.01	51.22
1994	8.73	9.53	7.89	42.38	35.20	49.90
1995	8.87	9.65	8.07	40.89	34.00	48.06
1996	9.05	9.81	8.27	38.97	32.29	45.87
1997	9.15	9.89	8.39	37.74	31.43	44.25
1998	9.28	9.98	8.57	36.26	30.20	42.50
1999	9.52	10.16	8.85	34.07	28.14	40.15
2000	9.64	10.27	8.99	32.93	27.10	38.88
2001	9.77	10.39	9.15	31.90	26.20	37.66
2002	9.96	10.56	9.35	30.66	24.95	36.42
2003	10.12	10.69	9.56	29.39	24.02	34.77
2004	10.29	10.83	9.75	28.18	23.13	33.23
2005	10.47	10.99	9.95	26.99	22.09	31.85
2006	10.65	11.15	10.16	25.76	21.16	30.31
2007	10.82	11.29	10.36	24.62	20.23	28.94
2008	10.99	11.44	10.55	23.61	19.39	27.74
2009	11.13	11.55	10.72	22.74	18.70	26.67
2010	11.27	11.66	10.90	21.84	18.01	25.54
2011	11.41	11.75	11.08	21.01	17.48	24.40
2012	11.53	11.80	11.28	20.22	17.16	23.14
2013	11.66	11.84	11.50	19.42	16.97	21.75

Notes : ¹ The category of first level included the illiterate and self-educated.

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

of population aged 25 and over

%

Second level			Third level		
Average	Male	Female	Average	Male	Female
35.84	40.17	31.21	12.84	16.35	9.08
37.46	41.69	32.97	13.60	17.19	9.79
38.56	42.89	33.98	13.63	17.14	9.92
40.08	44.02	35.92	14.44	18.04	10.63
41.27	44.98	37.36	15.31	19.01	11.42
42.06	45.61	38.33	15.56	19.19	11.77
42.77	46.20	39.20	16.34	19.80	12.74
43.72	46.95	40.38	17.31	20.76	13.75
44.06	46.81	41.21	18.20	21.76	14.54
44.63	47.34	41.84	19.11	22.46	15.66
45.77	48.24	43.25	20.15	23.62	16.60
46.14	48.43	43.81	20.92	24.47	17.31
46.22	48.45	43.95	21.89	25.34	18.38
45.95	48.26	43.63	23.38	26.80	19.94
46.08	48.30	43.85	24.54	27.69	21.38
45.96	47.92	44.01	25.86	28.96	22.77
45.55	47.54	43.59	27.46	30.37	24.56
45.36	47.19	43.55	28.88	31.65	26.14
45.13	46.95	43.35	30.24	32.82	27.72
44.58	46.47	42.74	31.80	34.15	29.52
44.18	46.17	42.25	33.08	35.13	31.08
43.75	45.81	41.77	34.40	36.18	32.68
43.40	45.62	41.28	35.59	36.91	34.33
43.09	45.59	40.70	36.69	37.25	36.16
42.71	45.41	40.13	37.88	37.62	38.12

Table 46. Total educational expenditures

Thousand NT\$

Fiscal Year	Total	Public sector	Government's educational expenditure			Private sector
			Amount	Per capita expenditure	as % of total public expenditure	
1984	111 121 047	89 206 666	89 206 666	4.678	16.28	21 914 381
1985	123 915 028	100 352 921	100 352 921	5.196	16.57	23 562 107
1986	137 899 432	112 949 397	112 949 397	5.790	16.45	24 950 035
1987	148 047 536	119 030 192	119 030 192	6.034	16.54	29 017 344
1988	168 382 593	135 970 263	135 970 263	6.814	17.27	32 412 330
1989	200 549 624	163 094 485	163 094 485	8.091	17.39	37 455 139
1990	245 279 765	202 364 354	202 364 354	9.919	17.47	42 915 411
1991	300 965 051	247 488 080	247 488 080	12.011	17.77	53 476 971
1992	351 140 259	290 019 588	290 019 588	13.941	17.86	61 120 671
1993	401 130 100	332 463 417	332 463 417	15.835	18.43	68 666 683
1994	428 109 963	350 053 223	350 053 223	16.529	18.58	78 056 740
1995	449 691 445	366 902 255	366 902 255	17.179	19.36	82 789 190
1996	505 683 604	412 416 379	407 595 911	18.936	22.11	93 267 225
1997	547 227 576	434 460 507	420 905 497	19.358	22.40	112 767 069
1998	567 147 236	447 513 166	430 675 819	19.640	21.61	119 634 070
1999	600 599 956	472 153 552	453 089 741	20.509	22.10	128 446 404
2000	548 764 226	408 558 409	381 937 815	17.145	17.75	140 205 817
2001	590 444 164	439 413 274	406 886 944	18.160	17.91	151 030 890
2002	614 797 386	456 253 677	423 036 518	18.784	19.72	158 543 709
2003	632 686 033	463 222 513	424 811 457	18.793	19.17	169 463 520
2004	658 024 639	482 801 188	441 251 948	19.448	19.65	175 223 451
2005	683 855 359	503 380 937	457 296 815	20.083	19.95	180 474 422
2006	702 184 753	516 808 564	469 392 790	20.519	21.20	185 376 189
2007	710 784 665	527 144 892	476 822 193	20.769	20.82	183 639 773
2008	730 759 895	534 324 294	481 068 268	20.882	20.53	196 435 601
2009	790 815 093	594 626 440	532 325 154	23.025	19.93	196 188 653
2010	778 540 827	584 268 555	516 804 324	22.312	20.13	194 272 273
2011 r	797 942 652	603 588 564	537 799 401	23.156	20.58	194 354 088
2012 r	831 433 054	621 789 901	548 815 737	23.538	20.49	209 643 153
2013	837 182 142	613 031 016	544 616 920	23.301	19.59	224 151 126

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

Table 47. Total educational expenditures at all level of schools

Thousand NT\$

Fiscal Year	Total	Pre-school education	Primary school	Junior high school, senior high school & vocational school	Junior college, university & college	Special and others education
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	529 491 875	15 069 700	145 910 174	187 835 509	177 668 224	3 008 269
2001	519 806 125	16 392 865	146 038 440	175 757 740	178 411 266	3 205 815
2002	536 860 385	16 868 919	146 246 868	175 674 217	194 645 435	3 424 947
2003	555 898 914	17 794 264	149 113 799	181 398 521	203 849 293	3 743 039
2004	575 367 012	18 122 130	155 676 625	187 054 641	210 569 732	3 943 885
2005	593 858 139	16 888 946	160 682 822	190 863 305	221 580 703	3 842 363
2006	606 562 895	16 840 356	164 377 547	193 357 095	228 263 974	3 723 923
2007	627 847 248	18 167 852	167 030 347	197 715 142	240 937 606	3 996 301
2008	634 402 546	18 794 714	170 569 474	197 049 810	243 827 954	4 160 595
2009	643 212 067	20 492 347	171 160 930	198 549 248	248 874 421	4 135 122
2010 r	654 964 685	22 410 725	174 663 057	200 853 700	252 632 889	4 404 315
Fiscal Year	Total	Pre-school education	Primary school & junior high school	Senior high school & vocational school	Junior college, university & college	Special and others education
2011 r	704 136 512	35 716 015	289 288 021	108 207 236	266 474 796	4 450 443
2012	745 681 915	51 423 609	303 169 702	110 506 223	276 092 292	4 490 091

Notes : Excluding social education and international cultural expenditures. From 2012, Preschools combine kindergartens with nurseries.

Table 48. 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 48. Number of foreign

School Year	Total	Education	Arts	Humanities	Design	Social & behavior science	Journalism & information	Business & administration	General law	Life science	Natural science
2007	15 436	185	79	718	75	407	280	1 431	37	117	137
2008	16 909	202	106	889	91	477	310	1 574	39	142	178
2009	19 376	229	128	1 040	175	557	359	2 132	39	168	200
2010	21 356	251	137	1 148	240	560	393	2 619	37	186	233
2011	24 539	302	184	1 298	319	607	464	1 964	31	143	200
2012	25 452	486	230	1 262	383	719	533	2 169	38	176	207
2013	27 669	470	260	1 270	459	705	608	3 475	43	282	298
Asia	18 540	383	207	1 060	413	390	527	2 655	36	222	257
Indonesia	2 183	47	7	67	21	27	18	312	1	34	24
Japan	3 895	64	20	193	7	43	19	78	11	1	1
Korea	1 923	51	10	160	8	56	13	92	8	7	1
America	4 680	50	37	120	33	149	55	478	4	36	9
Canada	382	10	-	18	1	17	2	26	-	2	1
U. S. A.	2 477	25	12	80	7	52	18	100	2	9	5
Europe	3 080	31	10	69	11	113	17	173	2	13	14
France	721	3	1	11	3	13	3	31	1	3	2
Germany	593	1	2	6	2	15	2	22	-	-	3
United Kingdom	312	3	2	10	1	7	3	12	-	-	1
Africa	867	5	6	15	2	21	7	131	-	10	18
South Africa	122	3	1	9	-	4	2	11	-	-	-
Oceania	502	1	-	6	-	32	2	38	1	1	-
Australia	241	-	-	3	-	1	1	2	-	1	-
New Zealand	63	-	-	2	-	1	-	2	-	-	-

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

students in Taiwan by field of study (continued)

Persons

Mathematics & statistics	Computing	Engineering	Architecture & building	Agriculture, forestry & fishery	Veterinary	Health	Social services	Personal services	Transportation services	Environmental protection	Language center	Others
9	163	971	43	213	14	145	13	183	28	10	10 177	1
14	184	1 246	50	243	16	152	17	188	14	12	10 651	114
19	152	1 583	60	277	15	191	27	278	18	2	11 612	115
15	146	1 813	73	322	19	241	33	311	19	3	12 555	2
5	93	1 334	54	200	11	286	33	420	28	10	14 480	1
17	108	1 532	71	213	13	343	38	549	30	19	13 898	-
40	219	2 499	145	386	40	482	44	816	35	20	15 072	1
33	167	1 824	91	247	35	306	42	757	20	14	8 853	1
9	33	403	14	52	2	57	-	35	6	5	1 009	-
-	5	17	8	6	3	33	3	34	3	-	3 346	-
-	3	9	1	3	1	10	5	52	-	-	1 433	-
3	21	339	21	72	4	79	1	35	15	5	3 114	-
-	1	4	-	1	1	2	-	1	1	1	293	-
-	3	27	5	7	2	38	-	15	-	1	2 069	-
3	5	78	3	2	-	13	-	12	-	1	2 510	-
-	1	14	-	1	-	-	-	3	-	-	631	-
1	2	9	-	1	-	1	-	2	-	-	524	-
-	-	-	-	-	-	2	-	1	-	-	270	-
1	12	240	29	50	1	65	1	6	-	-	247	-
-	1	3	1	1	1	-	1	-	-	-	84	-
-	14	18	1	15	-	19	-	6	-	-	348	-
-	-	2	-	-	-	1	-	-	-	-	230	-
-	-	2	-	-	-	1	-	-	-	-	55	-

Table 49. Research and development (R & D) personnel by occupation, expenditures for R & D

Year	Research and development personnel (FTE)			Expenditures for research and development				
	Total	Researchers	Technicians	Total expenditure (Million NT\$)	Government funds (%)	R & D expenditures as % of GDP	Manufacturing industry R&D expenditures as a percentage of sales(%)	Annual R & D expenditures per researcher (Million NT\$)
1998	...	53 492	...	176 455	...	1.91	...	3.30
1999	104 535	54 844	40 857	190 520	32.5	1.97	1.26	3.47
2000	104 568	55 460	39 966	197 631	33.4	1.94	1.14	3.56
2001	107 757	59 656	39 296	204 974	33.3	2.06	1.26	3.44
2002	120 013	69 887	40 972	224 428	35.2	2.16	1.30	3.21
2003	127 628	75 111	43 077	242 942	35.2	2.27	1.28	3.23
2004	138 604	81 209	47 568	263 271	33.6	2.32	1.24	3.24
2005	149 154	88 859	49 471	280 980	31.5	2.39	1.36	3.16
2006	161 314	95 176	54 519	307 037	31.4	2.51	1.34	3.23
2007	175 741	103 455	59 868	331 386	29.9	2.57	1.36	3.20
2008 r	184 633	110 089	62 936	351 405	28.2	2.78	1.56	3.19
2009	196 893	119 185	65 444	367 174	28.9	2.94	1.84	3.08
2010	210 678	127 768	70 576	394 960	27.5	2.91	1.60	3.09
2011 r	221 371	134 048	74 376	413 293	26.2	3.01	1.61	3.08
2012	227 976	139 215	77 224	431 296	24.8	3.06	1.70	3.10

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

Table 50. National research and development (R & D) expenditures by type of work and type of cost

Million NT\$

Year	Total	Type of work			Type of cost			
		Basic research	Applied research	Technological development	Capital expenditure	Current expenditure	Labor	others
1998	176 455	17 886	55 001	103 569	26 543	149 914	74 655	75 259
1999	190 520	20 115	60 253	110 153	25 823	164 698	83 309	81 388
2000	197 631	20 462	59 288	117 880	27 097	170 534	87 658	82 875
2001	204 974	22 143	59 914	122 917	29 244	175 730	89 634	86 096
2002	224 428	24 725	60 399	139 305	32 766	191 663	99 613	92 049
2003	242 942	28 505	64 062	150 375	33 933	209 009	108 329	100 680
2004	263 271	29 631	66 694	166 947	31 674	231 597	121 368	110 229
2005	280 980	28 961	74 219	177 801	34 666	246 314	131 136	115 179
2006	307 037	31 229	81 270	194 539	37 177	269 860	143 957	125 903
2007	331 386	33 189	85 123	213 074	39 740	291 646	156 729	134 917
2008	351 405	35 779	89 636	225 990	33 551	317 854	175 150	142 705
2009	367 174	38 097	94 042	235 035	32 990	334 184	188 465	145 719
2010	394 960	39 487	97 586	257 888	34 228	360 732	207 295	153 438
2011	413 293	40 184	97 941	275 167	35 737	377 556	215 164	162 392
2012	431 296	40 748	101 166	289 382	37 397	393 899	227 017	166 882

Table 51. National research and development (R & D) expenditures by sector of performance

Million NT\$

Year	Total	Business enterprise	Government	Higher education	Private non-profit
1998	176 455	...	...	...	...
1999	190 520	122 158	44 636	22 334	1 392
2000	197 631	125 698	46 494	24 047	1 392
2001	204 974	130 296	47 732	25 521	1 425
2002	224 428	139 569	55 693	27 637	1 530
2003	242 942	152 614	59 928	28 890	1 510
2004	263 271	170 293	61 144	30 350	1 484
2005	280 980	188 390	59 143	32 092	1 355
2006	307 037	207 238	60 965	37 565	1 270
2007	331 386	229 126	60 643	40 400	1 218
2008	351 405	248 363	58 928	42 905	1 209
2009	367 174	257 405	61 587	46 823	1 359
2010	394 960	282 546	63 020	47 970	1 424
2011	413 293	300 358	62 546	48 978	1 410
2012	431 296	319 906	61 172	48 898	1 321

Table 52. National research and development (R & D) expenditures by source of funds

Million NT\$

Year	Total	Business enterprise	Government	Higher education	Private non-profit	Abroad
1998	176 455	...	...	...	...	...
1999	190 520	125 712	61 989	1 749	959	110
2000	197 631	128 386	65 980	2 193	999	74
2001	204 974	132 950	68 339	2 719	931	35
2002	224 428	141 695	79 004	2 762	930	38
2003	242 942	153 664	85 587	2 777	854	60
2004	263 271	170 469	88 499	3 130	1 113	60
2005	280 980	187 853	88 633	3 147	1 204	144
2006	307 037	206 177	96 443	3 257	1 071	91
2007	331 386	228 074	98 966	3 158	1 051	137
2008	351 405	247 408	99 260	3 441	1 144	153
2009	367 174	255 998	106 153	3 683	1 191	149
2010	394 960	281 294	108 615	3 797	1 093	161
2011	413 293	299 755	108 464	3 918	1 007	148
2012	431 296	319 562	106 758	3 965	791	220

Table 53. 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
1984	63	214	8	36	20	64	21	49	12	53	2	12
1985	47	228	4	46	15	57	16	60	10	52	2	13
1986	47	230	4	46	15	59	16	60	10	52	2	13
1987	80	273	10	42	27	83	32	70	10	69	1	9
1988	83	226	7	41	22	61	30	39	19	64	5	21
1989	83	236	8	36	27	65	27	46	15	71	6	18
1990	86	242	12	42	31	65	32	49	10	73	1	13
1991	83	272	4	43	27	76	32	60	18	80	2	13
1992	84	249	4	32	30	77	35	52	14	74	1	14
1993	101	274	10	30	32	73	37	69	15	87	7	15
1994	97	274	5	30	34	73	42	69	16	87	-	15
1995	71	254	4	41	16	68	31	45	18	86	2	14
1996	76	133	1	22	23	30	30	27	19	47	3	7
1997	92	174	6	28	23	43	39	16	23	81	1	6
1998	102	281	3	35	30	79	41	47	26	116	2	4
1999	-	234	-	37	-	76	-	28	-	90	-	3
2000	-	252	-	31	-	89	-	33	-	95	-	4
2001	-	287	-	34	-	91	-	50	-	107	-	5
2002	-	237	-	36	-	72	-	32	-	88	-	9
2003	-	182	-	17	-	65	-	23	-	67	-	10
2004	-	217	-	31	-	78	-	26	-	76	-	6
2005	-	194	-	30	-	57	-	28	-	73	-	6
2006	-	194	-	25	-	61	-	30	-	71	-	7
2007	-	218	-	33	-	67	-	21	-	89	-	8
2008	-	220	-	19	-	75	-	33	-	83	-	10
2009	-	252	-	36	-	91	-	28	-	89	-	8
2010	-	251	-	26	-	70	-	46	-	106	-	3
2011	-	273	-	35	-	80	-	38	-	113	-	7
2012	-	253	-	26	-	74	-	35	-	109	-	9
2013	-	257	-	25	-	88	-	31	-	109	-	4

Table 54. Supporting research projects on science and technology

Year	Total	Natural sciences	Engineering and Technology	Medical and agricultural sciences	Humanities and sciences	Education sciences	Others
Items							
1994	7 546	1 414	3 213	1 659	886	330	44
1995	8 334	1 505	3 610	1 675	1 088	456	-
1996	8 648	1 619	3 572	1 894	1 094	469	-
1997	9 730	1 781	3 867	2 053	1 592	437	-
1998	10 665	1 791	4 296	2 217	1 882	478	1
1999	11 112	1 841	4 386	2 297	2 094	494	-
2000	24 597	3 733	9 678	5 380	4 786	1 020	-
2001	13 715	2 023	5 496	2 878	2 576	742	-
2002	14 985	1 928	6 252	3 115	2 989	701	-
2003	16 073	2 021	6 795	3 261	3 123	873	-
2004 r	16 973	2 192	7 245	3 480	2 484	659	913
2005 r	17 193	2 274	7 322	3 438	2 481	690	988
2006 r	17 789	2 408	7 437	3 549	2 619	691	1 085
2007 r	14 975	1 881	6 150	2 816	2 560	540	1 028
2008 r	12 821	1 640	5 236	2 246	2 293	538	868
2009 r	13 640	1 893	5 466	2 176	2 457	505	1 143
2010 r	14 262	1 820	5 635	2 169	2 808	534	1 296
2011 r	14 010	897	5 575	1 923	2 629	572	2 414
2012 r	14 583	953	5 551	2 350	2 528	519	2 682
2013	14 141	1 394	5 008	2 319	2 523	552	2 345
Grants (Million NT\$)							
1994	4 463	1 170	1 586	1 137	423	140	8
1995	4 760	1 332	1 543	1 219	472	194	-
1996	5 048	1 294	1 810	1 266	480	198	-
1997	5 083	1 305	1 803	1 201	582	193	-
1998	6 196	1 449	2 245	1 490	751	247	14
1999	7 121	1 704	2 551	1 773	819	274	-
2000	16 252	3 781	5 615	4 329	1 888	640	-
2001	9 687	2 320	3 399	2 364	1 045	560	-
2002	12 111	2 636	4 207	3 294	1 466	509	-
2003	12 796	2 919	4 536	3 172	1 477	693	-
2004 r	14 037	3 183	5 099	3 510	1 252	566	427
2005 r	15 395	3 823	5 414	3 754	1 337	599	468
2006 r	16 977	4 114	5 764	4 268	1 629	641	560
2007 r	15 172	3 467	4 983	3 891	1 763	533	534
2008 r	12 914	2 866	4 447	3 277	1 432	459	433
2009 r	14 732	3 335	4 702	3 388	1 564	508	1 235
2010 r	14 871	3 410	4 696	3 593	1 701	514	957
2011 r	13 813	1 882	4 300	2 490	1 349	591	3 201
2012 r	15 402	2 311	4 744	2 978	1 332	501	3 536
2013	15 530	3 085	4 664	2 944	1 451	479	2 907

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

Table 55. Science and technology output indicators

Year	Papers in SCI		Patents granted and rank in U. S. P.	
	Papers	Rank	Patents	Rank
1989 r	2 281	27	591	11
1990 r	2 804	27	732	11
1991	3 454	24	906	9
1992 r	4 265	24	1 001	9
1993 r	4 959	21	1 189	7
1994	6 059	20	1 443	7
1995 r	6 761	19	1 620	7
1996 r	7 768	19	1 897	7
1997 r	8 207	20	2 057	7
1998 r	8 886	20	3 100	7
1999 r	9 423	21	3 693	5
2000 r	9 969	21	4 667	4
2001 r	11 125	19	5 371	4
2002 r	11 708	18	5 431	4
2003 r	12 862	18	5 298	4
2004 r	14 473	18	5 938	4
2005 r	16 174	18	5 118	4
2006 r	18 365	17	6 361	4
2007 r	19 598	16	6 128	5
2008 r	22 293	16	6 339	5
2009 r	23 778	16	6 642	5
2010 r	24 921	16	8 239	5
2011 r	27 283	16	8 781	5
2012 r	27 639	16	10 646	5
2013	27 699	16	11 071	5

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

Table 56. Number of patents applied and granted

Cases

Year	Patents applied			Patents granted		
	Total	Chinese	Foreigner	Total	Chinese	Foreigner
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	27 717	15 916	11 801
2005	79 442	47 721	31 721	57 236	42 324	14 912
2006	80 988	48 626	32 362	48 774	33 773	15 001
2007	81 834	49 595	32 239	49 006	34 068	14 938
2008	83 613	51 339	32 274	42 283	32 364	9 919
2009	78 425	51 256	27 169	43 724	33 457	10 267
2010	80 494	52 107	28 387	45 966	35 056	10 910
2011	82 988	52 221	30 767	50 305	36 924	13 381
2012	85 073	52 515	32 558	56 610	39 645	16 965
2013	83 211	50 714	32 497	72 148	47 534	24 614

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 57. Saturation rate of newspapers and magazines

Year	Newspaper		Magazine	
	Per hundred households	Saturation rate (%)	Per hundred households	Saturation rate (%)
1984	67.96	61.55	15.62	10.33
1985	72.71	64.80	16.72	11.67
1986	75.54	66.26	17.58	12.38
1987	70.34	62.56	19.61	13.82
1988	67.37	60.34	17.83	13.56
1989	71.13	62.46	18.28	13.76
1990	69.49	62.27	14.82	11.37
1991	68.61	62.03	17.12	13.62
1992	66.04	60.13	17.04	13.22
1993	63.04	57.78	16.47	13.05
1994	64.53	57.87	16.82	12.46
1995	60.54	55.61	17.21	12.87
1996	56.45	52.25	15.81	12.45
1997	56.93	52.23	16.93	13.20
1998	53.56	49.41	16.38	13.31
1999	51.68	47.42	17.67	13.39
2000	46.91	43.61	18.16	14.12
2001	41.44	38.81	19.12	14.30
2002	40.39	38.11	18.33	14.74
2003	37.87	35.78	16.34	13.09
2004	35.44	33.63	15.62	12.92
2005	33.68	32.31	14.72	12.37
2006	29.46	28.16	14.40	12.18
2007	27.92	26.60	13.13	11.05
2008	24.48	23.59	12.23	10.01
2009	22.49	21.64	11.56	9.81
2010	21.99	21.09	10.51	8.87
2011	20.01	19.16	8.99	7.48
2012	18.58	17.75	7.89	6.54
2013	16.44	15.80	6.95	6.02

Table 58. General conditions of culture and mass communication

Numbers

Year	Public libraries	Books ¹ published	Publishing industries ²					
			Total	Newspaper & related publishing	Periodical & magazine publishing	Book publishing	Other publishings	Software publishing
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	26 130	2 263	113	838	963	349	-
1996	414	25 283	2 326	121	817	1 039	349	-
1997	425	28 853	2 387	117	758	1 137	375	-
1998	408	30 574	2 484	119	757	1 242	366	-
1999	421	30 561	2 639	164	803	1 289	383	-
2000	468	34 199	2 775	184	822	1 363	406	-
2001	506	36 353	2 853	190	820	1 409	434	-
2002	512	38 746	2 993	195	835	1 503	460	-
2003	506	39 003	3 133	195	852	1 587	499	-
2004	510	39 754	3 286	200	890	1 665	531	-
2005	517	41 682	3 443	192	944	1 739	568	-
2006	529	42 060	3 453	173	939	1 763	578	-
2007 r	539	41 566	3 512	190	959	1 772	591	-
2008 r	544	41 031	3 086	198	982	1 748	81	77
2009 r	537	40 402	3 187	189	1 018	1 770	101	109
2010 r	550	42 687	3 326	193	1 078	1 789	118	148
2011 r	523	42 390	3 418	207	1 121	1 757	167	166
2012 r	525	42 137	3 562	209	1 183	1 772	213	185
2013	531	42 180	3 593	212	1 181	1 763	248	189

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

² Beginning from 2013, the figures are reclassified according to the 7th revision of Standard Industrial Classification on Taxation of the Republic of China.

Table 59. General condition

Year and locality	Total	By category of law			By kinds		
		National	Municipal	Counties (Cities)	Old House	Temple	Castle & tower
2009	712	88	155	469	107	189	17
2010	735	89	156	490	115	190	17
2011	752	88	381	283	128	158	17
2012	769	90	387	292	133	151	16
2013	789	90	396	303	141	147	16
Taipei City	153	12	141	-	36	2	1
New Taipei City	71	6	65	-	14	11	-
Taichung City	42	2	40	-	13	6	-
Tainan City	132	22	110	-	16	37	8
Kaohsiung City	45	5	40	-	4	5	3
Yilan County	34	-	-	34	4	6	-
Taoyuan County	14	1	-	13	2	6	-
Hsinchu County	24	1	-	23	6	6	-
Miaoli County	10	1	-	9	2	2	-
Changhua County	43	6	-	37	5	27	-
Nantou County	15	1	-	14	-	2	-
Yunlin County	22	2	-	20	5	6	-
Chiayi County	16	2	-	14	1	9	-
Pingtung County	18	3	-	15	1	5	1
Taitung County	-	-	-	-	-	-	-
Hualien County	17	-	-	17	6	1	-
Penghu County	26	8	-	18	2	5	2
Keelung City	13	3	-	10	3	-	-
Hsinchu City	32	5	-	27	6	5	1
Chiayi City	14	1	-	13	-	2	-
Kinmen County	45	8	-	37	15	4	-
Lienchiang County	3	1	-	2	-	-	-

of historical sites

Places

By kinds									
Monumental shrine	Fort and strategic passage on the border	Study house	Church	Government office	Tablet	Light house	Bridge	Others	
18	24	12	9	31	20	5	14	266	
18	25	12	9	32	23	6	14	274	
18	25	22	9	49	23	7	16	280	
18	28	21	9	49	25	5	15	299	
18	26	22	9	49	25	6	17	313	
3	1	1	4	10	1	-	-	94	
-	2	2	1	2	10	-	5	24	
1	-	1	-	4	-	-	-	17	
3	4	9	-	19	-	-	-	36	
-	2	1	-	3	-	1	1	25	
1	-	-	2	-	2	-	4	15	
-	-	-	-	-	-	1	1	4	
-	1	-	-	1	-	-	1	9	
1	-	-	-	-	-	-	1	4	
-	-	2	-	3	-	-	-	6	
-	-	3	-	1	2	-	1	6	
-	-	1	-	2	-	-	-	8	
-	-	-	-	-	2	-	-	4	
-	4	1	1	-	-	-	1	4	
-	-	-	-	-	-	-	-	-	
2	-	-	-	-	3	-	1	4	
-	5	-	-	-	2	1	-	9	
-	7	-	-	1	-	-	-	2	
4	-	-	-	2	-	-	-	14	
-	-	-	1	-	-	-	-	11	
3	-	1	-	1	2	1	1	17	
-	-	-	-	-	1	2	-	-	

Table 60. Average entertainment expenditure per person

NT\$

Year	Total	Traveling	Recreational and cultural services	Facilities and attachments	Newspapers, magazines and stationery
1999	12 207	5 906	2 491	2 257	1 553
2000	12 890	6 511	2 621	2 260	1 498
2001	12 082	5 714	2 607	2 325	1 437
2002	12 037	5 876	2 590	2 183	1 388
2003	11 441	5 116	2 599	2 408	1 319
2004	12 452	5 870	2 729	2 533	1 320
2005	12 657	6 126	2 758	2 481	1 292
2006	12 798	6 695	2 525	2 351	1 227
2007	12 851	6 553	2 477	2 676	1 145
2008	12 123	6 110	2 451	2 516	1 046
2009	10 596	3 620	2 611	2 386	1 979
2010	11 461	4 273	3 014	2 300	1 874
2011	11 703	4 484	3 140	2 350	1 729
2012	11 901	4 814	3 086	2 337	1 664
2013	12 318	5 299	3 245	2 147	1 627

Notes : Traveling data included package holiday only since 2009.

Table 61. Saturation rate of playground and recreational apparatuses

Year	Park, Green Area, Play Ground, Athletic Complex & Square (Hectares)		Recreational apparatuses (%)				
	Total area	Area per 10 000 population	Color television sets	DVD player	Personal computer	Cable TV	Pianos
1999	61 002	27.61	99.31	7.25	38.92	67.87	11.00
2000	71 963	32.30	99.45	13.47	46.49	71.96	10.80
2001	4 056	2.31	99.29	22.49	50.86	72.34	10.92
2002	4 130	2.34	99.56	32.86	56.80	74.81	11.64
2003	4 439	2.52	99.51	40.11	58.74	76.12	10.71
2004	4 705	2.65	99.47	45.99	62.37	78.53	11.06
2005	4 785	2.67	99.46	48.60	63.15	79.02	11.42
2006	4 996	2.78	99.55	53.53	66.12	79.82	11.29
2007	5 534	3.03	99.37	52.68	67.13	79.93	10.58
2008	5 689	3.11	99.39	44.11	69.27	81.65	10.44
2009	6 003	3.23	99.56	42.18	70.51	81.97	10.25
2010	6 374	3.46	99.41	39.36	71.32	82.98	9.75
2011	7 389	3.95	99.24	37.67	71.93	82.92	9.84
2012 r	7 836	4.17	99.27	34.34	72.31	83.23	8.96
2013	8 005	4.26	99.33	29.83	72.21	84.37	9.04

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

HEALTH

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

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

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

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

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

Table 62. 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 ²)	Population served (Persons)		
1984	12 103	2.97	1 571	62 467	32.86
1985	12 323	2.92	1 563	74 081	38.47
1986	12 037	3.01	1 621	80 991	41.63
1987	12 199	2.95	1 613	86 328	43.88
1988	12 215	2.96	1 629	88 572	44.50
1989	12 267	2.95	1 639	86 693	43.11
1990	12 902	2.80	1 578	89 151	43.80
1991	13 661	2.65	1 505	92 785	45.14
1992	14 468	2.50	1 434	96 084	46.30
1993	15 062	2.40	1 394	100 570	47.90
1994	15 752	2.30	1 344	103 733	48.98
1995	16 109	2.25	1 326	112 379	52.62
1996	16 645	2.17	1 293	114 923	53.39
1997	17 398	2.08	1 250	120 485	55.41
1998	17 731	2.04	1 237	124 564	56.80
1999	17 770	2.04	1 243	122 937	55.65
2000	18 082	2.00	1 232	126 476	56.78
2001	18 265	1.98	1 227	127 676	56.98
2002	18 228	1.99	1 236	133 398	59.23
2003	18 777	1.93	1 204	136 331	60.31
2004	19 240	1.88	1 179	143 343	63.18
2005	19 433	1.86	1 172	146 382	64.29
2006	19 682	1.84	1 162	148 962	65.12
2007	19 900	1.82	1 154	150 628	65.61
2008	20 174	1.79	1 142	152 901	66.37
2009	20 306	1.78	1 139	156 740	67.79
2010	20 691	1.75	1 119	158 922	68.61
2011	21 135	1.71	1 099	160 472	69.09
2012	21 437	1.69	1 088	160 900	69.01
2013	21 713	1.67	1 076	159 422	68.21

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

Table 63. Number of health personnel

%

End of Year	Total (persons)	Physicians	Dentists	Pharmacists & assistants	Nurses	Medical laboratory technicians & assistants	Medical radiation technologists & technicians	Others
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	206 958	19.15	5.03	13.24	52.74	3.60	1.96	4.27
2007	214 748	18.96	5.00	13.06	53.01	3.56	1.96	4.45
2008	223 623	18.90	4.96	12.85	53.12	3.53	1.99	4.65
2009	233 553	18.48	4.86	12.67	53.56	3.51	1.99	4.93
2010	241 156	18.35	4.83	12.44	53.47	3.47	2.04	5.40
2011	250 258	18.21	4.79	12.51	53.28	3.43	2.05	5.73
2012	258 283	18.07	4.80	12.40	53.29	3.39	2.07	5.99
2013	265 759	18.04	4.81	12.29	53.02	3.39	2.07	6.37

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 64. Health services in contracted medical institutions

Persons

Year	Utilization Rate of Preventive Health Examination for Adults(%)	General Fertility Rate of Child bearing age women(‰)	Utilization Rate ¹ of Preventive Health Examination for Children(%)	Examination of Children			
				Under 1.5 years	1.5-2 years	2-3 years	3-7 years
2004	-	34	-	720 628			179 277
2005	-	33	-	1 186 092			257 093
2006	-	33	79.8	1 357 371			269 982
2007	34.4	32	66.3	1 053 912			195 413
2008	34.2	31	68.6	1 058 275			191 143
2009	34.5	31	71.1	1 031 630			218 784
2010 r	34.1	27	81.0	569 944	140 155	150 137	173 980
2011 r	33.3	32	77.6	557 893	142 719	153 285	143 323
2012 r	32.1	38	81.0	660 090	134 018	140 894	171 078
2013 r	32.6	32	82.1	693 080	159 957	149 220	167 406

Year	O.P.D Examination		Type of childbirth			Pap smear examination	Utilization Rate of Cervical Pap Smear Examination for Women(%)
	NO. of person received first examination	34+ years	Total	Spontaneous childbirth	Cesarean section		
2004	186 841	16 378	209 783	141 824	67 959	1 257 240	-
2005	212 873	20 814	199 729	133 675	66 054	1 718 601	-
2006	252 370	29 512	198 334	131 816	66 518	1 943 181	24.9
2007	209 387	37 700	196 258	128 557	67 701	1 745 442	25.5
2008	201 946	38 889	190 035	124 559	65 476	1 822 753	26.0
2009	188 659	40 944	186 547	120 456	66 091	1 948 334	27.2
2010	189 681	46 101	162 794	104 159	58 635	2 007 043	27.4
2011	224 173	56 416	194 006	125 689	68 317	2 028 777	27.1
2012	230 297	64 490	228 890	148 991	79 899	2 020 949	26.5
2013	209 493	62 791	189 416	122 362	67 054	2 039 513	26.3

Notes : ¹ From 2006 to 2009, the figures are based on the population of end of year.
Beginnig from 2010, they are based on the mid-year population.

Table 65. 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
1984	-	68	132	-	...	-	-
1985	-	258	144	-	...	-	-
1986	7 243	101	71	116	...	-	-
1987	7 154	126	80	181	...	-	-
1988	6 501	192	98	161	...	-	1 938
1989	7 351	218	105	112	...	-	35
1990	7 329	141	81	90	...	-	10
1991	7 107	107	68	207	...	19	175
1992	11 765	116	89	255	...	22	23
1993	10 456	588	42	5	...	34	13
1994	10 346	220	48	406	...	66	244
1995	10 836	573	47	958	...	100	364
1996	12 579	263	68	560	...	162	53
1997	15 386	426	54	511	...	135	76
1998	14 169	446	78	576	...	155	334
1999	13 496	265	60	485	35	180	65
2000	13 910	643	46	298	291	181	140
2001	14 486	1 630	70	769	393	165	270
2002	16 758	725	72	806	162	177	5 388
2003	15 042	367	55	674	70	225	145
2004	16 784	252	57	807	50	257	427
2005	16 472	294	48	785	142	506	306
2006	15 378	264	53	613	11	579	1 074
2007	14 499	391	40	581	12	1 061	2 179
2008	14 424	317	44	631	373	850	714
2009	13 512	281	86	545	29	930	1 052
2010	13 393	434	45	344	16	1 087	1 896
2011	12 788	459	55	323	59	1 075	1 702
2012	12 478	413	34	249	153	1 280	1 478
2013	11 657	425	28	260	12	1 430	860

Table 66. Death rates of the leading

Year	Death rates by the				
	Malignant neoplasms	Heart disease	Cerebrovascular disease	Diabetes mellitus	Accident
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	172.97	65.40	44.99	35.66	31.88
2010	177.37	67.74	43.79	35.48	28.82
2011	183.50	71.20	46.66	39.15	29.00
2012	187.64	73.57	47.53	39.88	29.54
2013	191.90	75.80	48.50	40.40	28.40

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

causes, infant and maternity

leading causes (Per 100 000 population)					Infant mortality rate (Per 1 000 live births)	Maternal mortality rate (Per 100 000 live births)
Pneumonia	Chronic liver disease and Cirrhosis	Nephritis, Nephrotic Syndrome and Nephrosis ¹	Suicide	Hypertensive disease		
9.59	16.65	11.29	10.87	17.50	6.86	14.06
10.61	16.48	11.53	11.92	18.08	6.78	9.85
12.29	16.63	11.02	11.68	17.30	6.31	9.44
12.44	16.66	10.80	9.46	15.76	5.06	8.91
13.08	17.85	10.43	9.05	15.88	5.30	9.03
14.73	17.75	10.47	7.86	14.83	5.73	12.75
16.60	17.82	11.39	6.72	14.79	5.24	12.16
12.93	17.60	12.35	7.16	12.18	5.06	8.12
14.07	18.15	14.21	6.69	11.14	5.18	6.84
13.50	18.01	13.71	6.24	10.96	4.79	9.20
13.71	19.74	15.23	6.88	10.39	5.05	8.03
14.44	20.95	16.55	7.61	12.30	6.49	7.66
14.92	21.50	16.54	8.61	12.39	6.69	7.71
16.73	22.03	16.20	10.04	12.07	6.37	9.23
20.37	22.62	15.73	9.97	10.41	6.63	8.93
18.20	23.53	15.78	10.36	8.43	6.06	8.45
14.88	23.32	17.45	11.14	7.22	5.82	7.81
16.77	23.45	18.15	12.45	7.90	6.05	6.98
20.17	21.35	18.55	13.59	8.67	5.37	7.70
22.60	22.98	19.08	14.16	8.17	4.86	6.59
24.44	23.63	20.67	15.31	7.97	5.26	5.51
25.02	24.73	21.21	18.84	8.32	4.97	7.27
23.64	22.12	20.65	19.30	7.96	4.58	7.29
25.72	22.52	22.25	17.16	8.63	4.71	6.87
37.66	21.38	17.45	17.95	15.25	4.57	6.62
36.22	21.31	17.33	17.61	16.12	4.05	8.33
38.50	21.23	17.74	16.81	18.04	4.23	4.20
39.01	22.22	18.83	15.12	19.97	4.19	5.04
40.03	21.38	18.59	16.18	21.43	3.67	8.53
38.70	20.70	19.20	15.30	21.60	3.85	9.04

Table 67. Daily nutrient

Year	Energy (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)
1983	2 721.3	77.0	93.1	383.5	467.1
1984	2 592.9	78.8	80.8	379.1	441.2
1985	3 136.9	81.2	83.4	376.0	458.9
1986	2 725.5	84.2	92.3	380.7	488.3
1987	2 808.9	89.5	97.0	385.3	505.1
1988	2 821.7	88.3	98.5	386.4	517.2
1989	2 876.1	90.3	105.7	381.5	539.4
1990	2 908.5	92.8	109.6	377.8	559.1
1991	2 928.7	91.7	114.4	373.6	582.4
1992	2 946.8	94.1	115.2	372.9	594.7
1993	3 005.4	97.5	120.6	372.2	608.8
1994	3 058.3	96.7	125.0	375.0	626.8
1995	3 058.2	98.5	126.2	369.3	645.7
1996	3 053.7	98.6	126.7	368.4	643.5
1997	3 135.2	101.8	131.0	374.5	654.6
1998	2 973.6	95.9	121.0	362.6	589.7
1999	3 048.3	98.0	127.1	367.7	618.4
2000	3 021.9	96.7	123.7	370.1	601.3
2001	2 879.9	92.4	117.2	352.5	575.8
2002	2 920.0	94.8	124.4	349.7	610.5
2003	2 961.7	96.1	124.8	358.0	594.9
2004	2 882.4	91.9	120.0	352.8	570.6
2005	2 940.8	91.6	126.5	353.6	563.5
2006	2 816.4	90.1	118.4	341.0	569.4
2007	2 837.3	92.0	119.1	342.6	559.2
2008	2 633.5	84.5	107.5	325.4	507.3
2009	2 736.6	86.8	111.6	338.6	543.5
2010	2 753.5	88.2	115.2	332.9	537.1
2011 r	2 738.7	89.7	111.7	334.5	546.5
2012	2 796.2	89.6	115.2	340.4	539.6

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)
1 220.0	13.3	5 904.7	1.6	1.0	15.9	119.2
1 190.6	11.0	7 459.8	1.4	1.1	15.8	134.2
1 213.4	11.3	7 404.6	1.5	1.2	15.8	133.0
1 245.5	12.0	6 775.3	1.5	1.2	15.8	127.7
1 298.6	12.6	7 621.3	1.6	1.3	16.6	140.9
1 273.6	12.6	7 241.2	1.5	1.3	16.1	142.6
1 281.9	12.6	7 005.7	1.5	1.3	16.2	138.4
1 314.9	13.0	6 814.1	1.6	1.3	16.6	132.2
1 304.0	12.9	7 368.0	1.6	1.4	15.7	138.4
1 339.1	13.4	7 315.6	1.6	1.5	16.8	132.9
1 377.8	13.7	7 648.0	1.6	1.5	17.7	141.7
1 370.7	13.9	7 700.3	1.7	1.5	16.8	133.9
1 385.5	14.2	8 084.5	1.7	1.6	16.7	141.4
1 361.9	14.2	8 596.0	1.6	1.6	16.7	143.9
1 390.6	14.2	8 514.9	1.6	1.6	17.3	157.8
1 302.7	12.8	8 368.5	1.6	1.5	17.1	141.4
1 334.7	13.3	9 109.7	1.6	1.6	17.6	167.0
1 308.2	13.2	8 697.5	1.6	1.6	17.1	150.9
1 245.9	12.6	8 327.2	1.5	1.5	16.4	149.0
1 283.0	13.2	7 773.6	1.6	1.5	16.4	158.2
1 266.6	13.3	7 461.3	1.5	1.5	16.4	153.9
1 214.3	12.6	7 280.5	1.5	1.5	15.8	151.2
1 195.4	12.7	7 003.4	1.5	1.4	15.2	138.5
1 198.3	12.8	7 233.6	1.5	1.4	15.1	149.8
1 204.3	12.8	6 823.9	1.5	1.4	15.2	137.1
1 108.5	12.0	6 583.3	1.4	1.3	14.3	136.6
1 140.2	12.4	6 960.3	1.4	1.3	14.6	133.8
1 150.9	12.6	6 848.9	1.4	1.4	15.0	140.2
1 161.9	12.7	7 150.9	1.4	1.4	15.1	143.4
1 156.4	12.8	7 099.7	1.4	1.4	15.0	137.5

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* published by the Environmental Protection Administration, Executive Yuan. Data on natural protected area and water withdrawal are from the Council of Agriculture, Executive Yuan and Water Resources Agency, Ministry of Economic Affairs respectively.

Pollutants Standard Index (PSI) -- The procedure to calculate the PSI is as follows: First, each of the air pollutants -- including suspended particulate with a diameter less than 10 μ 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 ₁₀ 24-hr. Average	SO ₂ 24-hr. Average	CO 8-hr. Maximum of Average	O ₃ 1-hr. Maximum	NO ₂ 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	0.20	0.6
300	420	0.60	30	0.40	1.2
400	500	0.80	40	0.50	1.6
500	600	1.00	50	0.60	2.0

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

Level of river pollution

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

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

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

Table 68. 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)
1984	92 289	2.1	4.8
1985	209 234	5.4	10.8
1986	302 524	7.9	15.5
1987	302 524	7.9	15.3
1988	349 524	9.2	17.5
1989	349 524	9.2	17.3
1990	349 524	9.2	17.1
1991	351 250	9.3	17.0
1992	450 655	12.0	21.7
1993	451 276	12.1	21.5
1994	451 959	12.1	21.3
1995	458 684	12.3	21.5
1996	458 864	12.3	21.3
1997	451 821	12.1	20.8
1998	463 502	12.4	21.1
1999	463 573	12.4	21.0
2000	691 731	18.7	31.1
2001	693 874	18.7	31.0
2002	694 508	18.8	30.8
2003	695 258	18.8	30.8
2004	695 959	18.8	30.7
2005	695 875	18.8	30.6
2006	695 660	18.8	30.4
2007	1 049 328	18.8	45.7
2008	1 051 148	18.8	45.6
2009	1 089 234	18.9	47.1
2010	1 089 233	18.9	47.0
2011	1 097 764	19.2	47.3
2012	1 098 606	19.2	47.1
2013	1 097 225	19.2	46.9

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

2.Nature Reserves include marine area 117.18 ha., Wildlife Refuges and Major Wildlife Habitats include marine area 295.88 ha. respectively, and National Parks include marine area 403,110.07 ha. in 2013.

Table 69. Emissions of greenhouse gases by kind10³M.T. CO₂ equivalent

Year	Total	Carbon dioxide (CO ₂)	Methane (CH ₄)	Nitrous oxide (N ₂ O)	Hydrofluorocarbons (HFCs)	Perfluorocarbons (PFCs)	Sulphur hexafluoride (SF ₆)
1998 r	213 080	192 832	15 306	3 295	1 647	NA	NA
1999 r	220 705	201 425	14 666	3 342	1 272	NA	NA
2000 r	238 264	222 116	10 750	3 565	1 833	NA	NA
2001 r	243 153	225 245	8 609	3 533	2 081	2 939	746
2002 r	253 833	233 626	6 684	3 702	1 764	4 143	3 914
2003 r	263 145	243 804	5 652	3 516	1 590	4 198	4 385
2004 r	272 711	252 647	5 426	3 694	1 410	4 341	5 193
2005 r	276 388	260 702	4 352	3 508	73	3 070	4 683
2006 r	283 029	267 782	3 832	3 590	91	3 264	4 470
2007 r	285 348	271 850	3 697	3 583	171	2 933	3 114
2008 r	273 261	261 524	2 997	3 566	848	1 682	2 644
2009 r	256 459	246 128	2 799	3 407	840	1 143	2 142
2010 r	273 084	262 799	2 790	3 257	1 024	1 354	1 860
2011 r	275 595	265 730	2 710	3 238	1 152	1 240	1 525
2012	...	260 857	2 604	3 195	...	...	...

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

Table 70. Carbon dioxide emissions10³M.T.

Year	Total	Energy use by sectors ¹							Industrial process
		Subtotal	Energy	Industrial	Transportation	Agricultural	Services	Residential	
1999 r	201 425	186 749	105 983	37 805	32 439	2 019	3 121	5 381	14 676
2000 r	222 116	205 339	121 041	40 578	32 870	2 337	3 187	5 326	16 777
2001 r	225 245	208 951	125 268	39 665	32 909	2 429	3 526	5 153	16 294
2002 r	233 626	216 725	129 268	42 296	34 191	2 433	3 457	5 079	16 901
2003 r	243 804	226 110	139 679	40 727	34 159	2 782	3 920	4 843	17 694
2004 r	252 647	233 928	145 510	40 978	35 496	2 946	4 077	4 920	18 719
2005 r	260 702	240 590	152 637	39 693	36 471	2 599	4 193	4 996	20 112
2006 r	267 782	247 214	159 272	40 877	36 396	1 629	4 208	4 831	20 568
2007 r	271 850	250 904	163 091	42 671	35 056	1 079	4 153	4 853	20 946
2008 r	261 524	239 842	157 098	39 381	33 055	1 351	4 163	4 794	21 682
2009 r	246 128	227 739	147 793	36 651	33 370	988	4 188	4 750	18 389
2010 r	262 799	243 249	158 509	40 459	34 472	931	4 166	4 712	19 550
2011 r	265 730	248 146	161 931	41 638	34 936	927	3 926	4 788	17 584
2012 r	260 857	243 484	159 528	40 104	34 153	1 030	3 923	4 745	17 373
2013	...	244 781	159 934	40 941	34 123	998	4 141	4 643	...

Notes : ¹ CO₂ emissions are from fuel combustion only.

Table 71. Concentration

Year	Dustfall (Ton/Km ² /Month)	Total suspended particulates (µg/m ³)	Suspended particulates (µg/m ³)	Sulfur Dioxide
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	5.04	78.74	58.99	4.030
2010	5.11	72.40	56.38	4.070
2011	4.44	71.26	54.25	3.761
2012	4.73	63.17	50.51	3.293
2013	4.72	63.27	53.07	3.453

Notes : Data referred to general air quality monitoring stations; data do not include Kinmen County and Lienchiang County before 2012.

Table 72. 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 101-199	Very unhealthful 200-299	Hazardous ≥ 300	
1999	20 647	9 557	10 035	1 054	1	-	5.1
2000	20 760	9 609	10 101	1 050	-	-	5.1
2001	20 699	8 985	11 011	703	-	-	3.4
2002	20 722	8 738	11 321	662	1	-	3.2
2003	20 195	8 551	11 117	527	-	-	2.6
2004	20 598	7 950	11 700	948	-	-	4.6
2005	20 713	8 236	11 554	921	2	-	4.5
2006	20 760	8 578	11 319	863	-	-	4.2
2007	20 759	8 444	11 481	831	3	-	4.0
2008	20 779	8 737	11 425	615	1	1	3.0
2009	20 799	8 262	11 864	660	7	6	3.2
2010	20 771	9 059	11 262	380	14	56	2.2
2011	20 721	9 208	11 228	285	-	-	1.4
2012	21 788	10 474	11 105	208	1	-	1.0
2013	21 758	9 493	11 933	332	-	-	1.5

Notes : Data referred to general air quality monitoring stations; data do not include Kinmen County and Lienchiang County before 2012.

of air pollutants

ppb

Carbon monoxide	Nitrogen dioxide	Hydrocarbons (Non-methane)	Ozone
549.10	20.304	364.32	61.470
537.98	18.457	269.41	56.977
515.78	18.058	258.88	59.739
511.44	17.868	269.07	60.126
470.25	16.896	255.22	58.471
446.46	16.149	216.61	59.895
459.45	16.953	242.28	57.379
427.55	15.828	210.52	56.961
426.55	14.643	209.80	56.362
416.49	14.345	192.62	57.737

standard indices (PSI)

Days of PSI > 100 based upon each pollutant (or pollutant combination) as % of total days with PSI > 100 (%)				
Suspended particulates	Sulfur dioxide	Carbon monoxide	Ozone	Nitrogen dioxide
43.2	-	-	56.8	-
60.1	-	-	39.9	-
36.8	-	-	63.2	-
21.4	-	-	78.6	-
23.7	-	-	76.3	-
32.8	-	-	67.2	-
42.6	-	-	57.4	-
40.8	-	-	59.2	-
25.9	-	-	74.1	-
40.2	-	-	59.8	-
38.9	-	-	61.1	-
53.1	-	-	46.9	-
30.9	-	-	69.1	-
13.9	-	-	86.1	-
53.3	-	-	46.7	-

Table 73. General quality of major rivers

mg/l

Year and river	DO	BOD ₅	SS	NH ₃ -N
1999	7.1	4.1	114.2	1.8
2000	7.0	4.2	93.8	2.3
2001	6.1	6.6	191.2	4.2
2002	6.0	6.8	109.5	3.7
2003	5.9	7.2	120.1	3.8
2004	6.6	5.9	171.8	3.5
2005	7.0	4.5	203.7	2.4
2006	7.6	3.2	206.4	2.1
2007	7.7	3.0	200.4	2.2
2008	7.7	2.6	165.5	1.7
2009	7.9	2.8	206.0	1.7
2010	7.7	2.8	154.5	1.7
2011	7.8	3.0	177.0	1.9
2012	8.0	2.4	268.8	1.4
2013	8.0	2.9	161.4	1.4
Danshui river	6.7	2.9	17.9	1.2
Lanyang stream	8.7	0.6	431.1	0.0
Fengshan stream	8.8	3.4	20.4	0.4
Touchien stream	9.6	1.6	95.5	0.1
Chungkang stream	7.9	7.7	22.6	2.2
Houlung stream	9.0	2.9	14.0	0.3
Taan stream	9.0	1.2	54.0	0.1
Tachia stream	9.0	2.1	14.3	0.0
Wu stream	8.1	4.6	96.3	0.9
Choshui stream	8.9	3.4	1 316.9	0.1
Peikang stream	5.8	10.7	171.9	5.3
Potzu stream	6.8	4.2	45.8	6.8
Pachang stream	8.2	3.1	186.5	1.9
Chishui stream	4.0	4.8	62.6	3.4
Tsengwen stream	7.6	1.5	54.4	0.2
Yenshui stream	5.5	4.8	28.4	4.4
Erhjen stream	3.7	10.6	67.8	11.1
Akungdiaun stream	4.6	9.6	29.7	24.5
Kaoping stream	7.6	3.9	642.4	1.7
Tungkang stream	4.5	4.3	68.7	3.0
Szuchung stream	9.0	0.7	156.5	0.0
Peinan stream	8.5	0.7	1 492.2	0.1
Hsiukuluan stream	8.8	1.0	350.8	0.1
Hualien stream	8.9	0.8	93.2	0.0
Hoping stream	8.9	0.9	1 775.2	0.0

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

Table 74. Pollution level of major rivers

%

Year and river	Non-polluted	Light-polluted	Medium-polluted	Heavy-polluted
1999	66.2	7.6	14.2	12.0
2000	63.6	12.0	12.3	12.1
2001	61.7	9.8	15.4	13.2
2002	62.4	12.0	11.5	14.0
2003	59.4	13.4	11.3	15.8
2004	64.0	9.8	18.5	7.6
2005	64.2	9.9	19.7	6.2
2006	65.5	9.0	19.5	6.0
2007	61.8	7.9	23.6	6.7
2008	65.2	9.0	21.5	4.2
2009	67.2	8.1	18.9	5.9
2010	62.6	7.4	24.6	5.5
2011	63.7	9.9	21.0	5.3
2012	62.7	9.7	24.0	3.6
2013	61.3	8.8	25.3	4.6
Danshui river	74.8	5.9	14.1	5.2
Lanyang stream	100.0	-	-	-
Fengshan stream	87.2	8.7	4.1	-
Touchien stream	82.4	8.3	9.4	-
Chungkang stream	81.3	8.2	8.4	2.1
Houlung stream	93.1	3.9	1.7	1.3
Taan stream	99.1	0.9	-	-
Tachia stream	96.8	1.5	1.7	-
Wu stream	71.2	22.3	6.5	-
Choshui stream	71.7	28.3	-	-
Peikang stream	3.7	4.8	52.1	39.4
Potzu stream	42.8	5.4	45.6	6.1
Pachang stream	35.0	13.2	50.5	1.3
Chishui stream	21.7	5.9	48.2	24.1
Tsengwen stream	68.9	12.5	18.6	-
Yenshui stream	59.6	17.7	14.3	8.5
Erhjen stream	1.1	3.9	57.9	37.0
Akungdiaun stream	31.0	5.8	33.6	29.6
Kaoping stream	11.9	1.1	85.5	1.6
Tungkang stream	11.2	17.4	56.2	15.1
Szuchung stream	91.7	-	8.3	-
Peinan stream	100.0	-	-	-
Hsiukuluan stream	22.9	9.1	68.0	-
Hualien stream	66.9	16.9	16.2	-
Hoping stream	91.7	8.3	-	-

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

Table 75. Over-standard time

Year	Over-standard percentage of environmental noise				
	Total	Morning	Day	Evening	Night
2004	15.14	10.88	7.48	17.69	24.49
2005	13.62	11.72	5.52	15.86	21.38
2006	13.00	11.33	7.33	14.67	18.67
2007	11.72	9.66	9.66	8.97	18.62
2008	10.13	8.50	3.92	11.11	16.99
2009	6.67	7.33	4.67	6.67	8.00
Year	Over-standard percentage of environmental noise				Night
	Total	Day	Evening	Night	
2010	3.91	3.45	2.76	5.52	
2011	3.27	3.27	0.65	5.88	
2012	2.46	1.34	1.34	4.70	
2013	1.77	0.66	1.32	3.31	

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

Table 76. Clearance of municipal

Fiscal year	Garbage generated ¹ (1 000 tonnes)		Garbage clearance (1 000 tonnes)		Municipal
		Per capita per day (Kg)		Per capita per day (Kg)	
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	0.93	5 033	0.61	35.0
2007	7 976	0.95	4 873	0.58	38.9
2008	7 608	0.90	4 374	0.52	42.5
2009	7 729	0.92	4 223	0.50	45.4
2010	7 871	0.93	4 073	0.48	48.3
2011	7 485	0.88	3 611	0.43	51.8
2012 r	7 471	0.88	3 379	0.40	54.8
2013	7 453	0.88	3 300	0.39	55.7

Notes : ¹ Data refer to garbage clearance before 1998.
Data do not include Kinmen County and Lienchiang County before 2004.

frames of noise monitoring

%

Over-standard percentage of traffic noise					
Total	Morning	Day	Evening	Night	
2.98	1.79	1.19	5.36	3.57	
1.52	0.61	-	3.05	2.44	
1.52	1.22	0.61	1.83	2.44	
1.54	1.23	1.23	2.47	1.23	
1.40	1.24	1.24	1.86	1.24	
2.11	1.81	2.41	2.41	1.81	
Over-standard percentage of traffic noise					
Total	Day		Evening	Night	
0.63	0.63		0.63	0.63	
0.21	-		0.62	-	
0.42	-		0.63	0.63	
0.21	-		0.63	-	

solid waste by all organizations

waste recycling rate(%)			Garbage disposal rate (%)	Solid waste collection & treatment personnel (Persons)	Equipment for collection & disposal of solid waste (Vehicles)
Garbage recycling rate	Food waste recycling rate	Bulk waste recycling & reuse rate			
1.9	...	...	86.7	30 585	9 745
5.8	...	...	90.2	31 512	10 862
7.5	...	...	93.4	29 434	11 343
11.6	...	...	96.2	29 526	11 979
14.3	2.3	...	98.2	32 041	11 524
18.4	4.0	...	98.9	31 728	12 382
22.6	6.0	0.4	99.5	32 264	12 638
27.2	7.4	0.4	99.8	32 344	12 952
30.2	8.3	0.4	99.6	32 588	14 233
32.8	9.1	0.6	100.0	32 588	14 794
35.2	9.3	0.9	100.0	33 158	14 666
37.5	9.8	1.0	100.0	33 545	14 937
39.9	10.8	1.1	100.0	33 223	15 673
42.4	11.2	1.2	100.0	33 564	16 026
43.9	10.7	1.1	100.0	33 285	15 914

Table 77. Budget of

Fiscal year & district	Expenditure on environmental protection as % of GDP	Total ¹	Ordinary administration	Comprehensive planning	Research & Development	Air quality protection	Noise control
2005	0.39	46 114 713	6 058 420	622 568	78 112	123 887	79 362
2006	0.37	45 382 534	6 401 331	329 025	55 292	119 861	73 627
2007	0.34	43 722 985	6 585 951	308 165	78 129	109 383	104 939
2008	0.36	45 002 263	6 956 058	336 707	96 248	19 536	74 399
2009	0.37	46 714 821	7 043 420	419 165	186 289	12 707	74 883
2010	0.35	48 007 788	7 635 163	394 956	140 282	36 044	63 568
2011	0.34	46 310 570	7 475 882	348 812	172 323	45 812	66 602
2012	0.33	46 802 798	7 664 581	266 340	130 477	41 941	154 269
2013 r	0.31	45 002 937	7 415 819	268 182	133 467	41 467	65 220
2014	0.30	45 920 421	7 248 351	292 494	99 934	41 187	83 197
E.P.A.	...	4 511 012	745 745	111 666	48 908	5 204	19 674
New Taipei City	...	8 949 232	357 316	43 594	49 724	1 637	6 289
Taipei City	...	6 627 664	384 064	-	-	18 128	2 936
Taichung City	...	4 212 811	1 895 619	17 860	-	8 274	3 727
Tainan City	...	2 703 820	385 919	10 687	-	650	6 414
Kaohsiung City	...	4 070 010	692 177	12 052	-	-	340
Yilan County	...	855 258	85 785	2 208	-	-	75
Taoyuan County	...	3 785 010	379 112	26 155	-	4 257	5 178
Hsinchu County	...	778 078	179 090	9 420	-	-	175
Miaoli County	...	1 056 011	96 835	16 712	-	-	4 250
Changhwa County	...	1 350 256	214 620	5 894	-	299	-
Nantou County	...	524 894	60 457	2 995	1 302	-	39
Yunlin County	...	995 752	132 973	4 129	-	247	-
Chiayi County	...	618 230	110 415	1 012	-	194	125
Pingtung County	...	1 204 161	254 538	3 597	-	-	535
Taitung County	...	362 692	106 718	-	-	-	-
Hualien County	...	534 493	107 159	2 170	-	-	25 956
Penghu County	...	248 777	32 297	-	-	-	-
Keelung City	...	758 409	457 782	10 048	-	-	2 224
Hsinchu City	...	818 503	319 696	8 518	-	1 222	436
Chiayi City	...	503 269	120 245	768	-	-	864
Kinmen County	...	400 926	113 748	3 009	-	1 075	3 960
Lienchiang County	...	51 153	16 041	-	-	-	-

Notes : ¹ Refer to budget of environmental protection.

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

environmental agencies

Thousand NT\$

Water quality protection	Solid waste management	Sanitation & toxic chemicals control	Performance evaluation & dispute settlement	Environmental analysis	Environmental monitoring & data processing	Construct & equipment	Others
1 747 512	32 195 166	717 127	773 445	133 917	347 350	2 935 737	302 110
1 760 549	31 161 533	1 746 295	790 023	141 759	342 910	2 102 685	357 644
1 083 466	31 243 910	845 432	786 183	133 376	282 972	1 789 372	371 707
1 269 775	31 027 758	944 655	777 453	127 566	319 389	2 689 923	362 796
1 462 673	31 834 053	1 480 517	800 210	139 644	330 646	2 640 554	290 060
1 395 640	31 835 595	2 202 249	819 958	125 682	323 369	2 700 086	335 196
1 206 903	31 814 326	2 003 574	821 811	136 586	234 624	1 589 203	394 112
1 089 000	31 671 997	2 621 723	867 834	116 780	281 264	1 476 417	420 175
921 327	31 042 824	1 883 038	845 627	238 210	212 295	1 527 331	408 130
761 559	32 424 637	1 763 296	807 930	222 544	196 077	1 632 400	346 815
507 809	1 436 747	794 699	493 097	156 144	183 169	3 750	4 400
41 015	7 418 714	374 608	36 226	2 825	1 900	605 384	10 000
9 272	5 622 610	73 912	178 880	33 328	-	137 013	167 521
16 504	1 950 219	57 895	29 095	8 333	-	214 385	10 900
19 259	2 247 485	26 268	1 462	2 036	-	3 640	-
14 610	3 275 245	33 806	38 322	2 933	-	-	525
5 795	748 120	1 095	2 280	445	82	9 373	-
36 555	3 159 210	45 114	7 029	6 037	5 667	110 696	-
5 071	431 846	103 900	-	2 007	328	23 543	22 698
6 429	732 851	33 231	2 858	158	-	162 687	-
24 978	990 405	38 636	1 214	1 273	-	72 937	-
370	423 411	7 066	3 544	361	2 593	22 756	-
6 637	806 890	16 769	-	-	-	28 037	70
14 847	460 756	2 366	-	-	-	28 515	-
6 309	869 426	8 584	11 417	753	-	49 002	-
2 013	228 478	16 261	-	-	-	9 222	-
9 344	374 950	2 897	50	680	1 231	6 102	3 954
12 811	163 514	19 064	-	-	-	21 091	-
5 142	134 202	-	-	1 869	-	20 395	126 747
7 670	446 897	29 969	-	2 988	1 107	-	-
2 725	295 470	59 388	2 456	374	-	20 979	-
6 394	181 176	14 688	-	-	-	76 876	-
-	26 015	3 080	-	-	-	6 017	-

Table 78. Pollution inspection and administrative penalty

Year & type of industries	Number of inspections	Number of penalties	Fine paid (Thousand NT\$)
2004	1 638 260	83 829	577 728
2005	1 334 223	92 365	606 983
2006	1 195 530	92 812	649 971
2007	1 311 639	99 301	709 054
2008	1 576 742	134 842	1 376 796
2009	1 528 466	190 404	637 295
2010	1 966 197	171 181	668 012
2011	2 154 295	191 073	710 398
2012	1 791 650	303 550	966 172
2013	1 936 416	304 938	1 120 081
Air pollution	1 359 473	54 915	471 858
Construction sources	7 894	858	44 691
Other stationary sources	94 972	2 650	339 924
Automobile sources	1 256 607	51 407	87 243
Water pollution	40 583	2 329	200 709
Industrial wastewater [exclude livestock wastewater]	24 920	1 675	169 925
Livestock Wastewater	8 462	559	18 654
Industrial sewerage systems	2 700	42	7 882
Public and community sewerage systems	4 501	53	4 249
Others	-	-	-
Solid waste pollution	394 641	242 728	363 764
Municipal solid wastes	315 637	237 274	273 876
Industrial solid wastes	27 937	4 378	74 132
Waste clean-up and disposal organizations	6 705	915	8 824
Recycled resources & others	44 362	161	6 932
Noise pollution	93 192	3 847	30 040
Toxic chemical substances	7 648	279	21 148
Environmental agents	19 521	41	2 023
Drinking water pollution	10 850	67	2 295
Environment impact assessment	1 627	50	18 478
Soil & groundwater pollution	1 422	72	5 686
Ocean pollution	5 545	11	2 060
Other pollution	1 914	599	2 020

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

Table 79. Water withdrawal

Year	Per capita ¹ annual withdrawal (M ³)	Percentage of ² available resources (%)	Water supply ¹ service's ratio (%)
1984	969.6	...	71.7
1985	958.9	...	73.2
1986	949.1	...	74.5
1987	943.1	...	75.9
1988	933.4	...	77.6
1989	950.9	...	78.9
1990	963.4	...	80.0
1991	862.0	...	80.8
1992	861.6	...	81.9
1993	818.5	...	83.4
1994	834.5	...	84.9
1995	889.6	...	85.6
1996	845.2	...	85.6
1997	833.6	...	87.4
1998	773.2	...	88.0
1999	766.5	...	88.4
2000	803.3	...	90.5
2001	827.4	15.8	90.5
2002	832.5	31.4	90.8
2003	780.1	26.2	90.9
2004	785.5	19.4	91.3
2005	790.1	12.6	91.6
2006	762.9	16.8	91.9
2007	810.6	13.6	92.0
2008	782.0	15.5	92.2
2009	783.9	20.0	92.2
2010	737.7	18.1	92.3
2011	742.7	19.6	92.5
2012	744.2	13.7	92.7
2013	...	...	92.9

Notes : ¹ Data do not include Kinmen County and Lienchiang County before 2000.

² Data do not include Kinmen County and Lienchiang County.

² 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*, an annual report published by the National Police Agency, the Ministry of the Interior. Data on fire accidents come from the National Fire Agency, the Ministry of the Interior. Data on treatment of crimes mainly come from the official statistics compiled by the Ministry of Justice and the Judicial Yuan, contained in the *Statistical Handbook*, an annual report published by the Statistical Department, the Ministry of Justice.

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

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

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

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

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

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

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

Table 80. Offenses, offenders

Year	Cases known to the police					Crime rate (Cases/100 000 pop.)
	Total (Cases)	Larceny & automobile theft (%)	Violent crime (%)	Gambling (%)	Drug offenses (%)	
1984	52 168	53.6	8.5	5.3	1.9	276.4
1985	60 707	48.9	9.1	5.8	2.1	317.3
1986	179 990	75.2	3.5	4.5	1.2	929.9
1987	184 328	71.8	3.3	7.7	1.1	942.2
1988	219 713	78.2	3.1	5.4	1.0	1 110.3
1989	260 934	81.6	3.0	4.9	1.0	1 304.3
1990	280 342	82.4	3.6	4.2	1.6	1 385.8
1991	304 141	74.3	2.9	7.1	6.5	1 486.9
1992	289 052	65.8	2.2	9.7	11.9	1 399.5
1993	319 179	67.2	2.2	5.6	14.7	1 531.0
1994	323 459	73.0	2.4	5.6	10.3	1 537.7
1995	429 233	77.4	3.8	4.3	5.6	2 023.3
1996	456 117	76.5	3.7	3.9	6.3	2 132.6
1997	426 425	75.0	3.2	3.2	7.6	1 971.1
1998	434 513	77.0	3.0	2.1	7.1	1 989.9
1999	386 241	70.5	2.9	1.8	10.4	1 754.8
2000	438 520	69.7	2.4	0.9	9.5	1 976.7
2001	490 736	68.9	2.9	0.5	5.9	2 196.6
2002	503 389	67.6	3.0	0.5	5.1	2 241.0
2003	494 755	66.8	2.6	0.5	5.2	2 192.8
2004	522 305	63.2	2.4	0.5	7.2	2 306.3
2005	555 109	59.1	2.6	0.4	8.9	2 442.2
2006	512 788	54.9	2.4	1.0	8.9	2 246.8
2007	491 815	49.0	1.9	1.1	10.7	2 146.0
2008	453 439	46.2	1.8	1.2	11.6	1 971.7
2009	386 075	40.2	1.8	1.5	11.6	1 672.9
2010	371 934	38.4	1.4	1.7	13.0	1 607.3
2011	347 674	33.6	1.2	2.0	13.2	1 499.0
2012 r	317 356	31.6	1.1	2.2	13.9	1 363.8
2013	298 967	27.6	0.8	2.1	13.4	1 280.7

and cleared cases

Number of offenders (Persons)	Offenders rate (Persons/100 000 pop.)					Cleared cases (Cases)	Clearance rate (%)
	Total	Child	Juvenile	Adolescent	Adult		
49 168	260.5	19.3	492.2	404.0	286.6	46 544	89.2
57 408	300.0	20.6	512.3	434.4	350.2	48 049	79.2
80 814	417.5	33.7	711.9	555.0	494.6	94 139	52.3
87 086	445.1	27.8	787.6	544.0	532.1	105 246	57.1
81 503	411.9	25.3	796.5	537.6	466.4	113 374	51.6
86 907	434.4	26.4	881.6	582.6	475.8	135 556	52.0
86 723	428.7	20.8	769.0	636.1	475.8	142 856	51.0
145 442	711.0	31.6	1 106.8	1 240.3	780.0	191 492	63.0
172 551	835.4	38.8	1 310.8	1 429.6	911.3	208 298	72.1
176 748	847.8	30.8	1 289.7	1 369.7	942.3	214 409	67.2
153 097	727.8	26.2	1 181.1	1 086.2	803.0	209 177	64.7
155 613	733.5	28.8	1 224.0	1 094.9	795.9	230 513	53.7
173 047	809.1	30.0	1 253.1	1 261.2	882.6	265 471	58.2
172 540	797.5	23.5	1 068.0	1 242.1	898.5	242 392	56.8
158 923	727.8	17.8	1 034.9	1 138.5	807.5	251 638	57.9
179 597	816.0	17.1	995.2	1 361.9	914.6	253 299	65.6
181 614	818.7	13.9	882.7	1 347.7	935.6	259 645	59.2
180 527	808.0	14.3	849.0	1 165.0	950.3	271 128	55.3
185 751	826.9	12.5	804.1	1 191.0	976.1	297 816	59.2
158 687	703.3	11.6	641.5	1 016.6	829.4	290 962	58.8
176 975	781.5	10.9	548.5	1 010.6	955.0	313 848	60.1
207 425	912.6	11.4	495.9	1 100.9	1 136.6	346 677	62.5
229 193	1 004.2	14.3	535.4	1 200.1	1 242.1	342 329	66.8
265 860	1 160.1	15.9	561.7	1 384.0	1 429.7	367 001	74.6
271 186	1 179.2	15.7	582.2	1 363.0	1 445.1	350 497	77.3
261 973	1 135.1	15.7	556.4	1 318.3	1 378.7	311 648	80.7
269 340	1 163.9	17.1	581.1	1 317.0	1 404.6	296 500	79.7
260 356	1 122.5	20.1	703.5	1 376.6	1 315.8	276 371	79.5
262 058	1 126.1	24.0	822.7	1 463.7	1 289.4	266 512	84.0
255 310	1 093.7	24.1	672.1	1 370.6	1 264.7	258 802	86.6

Table 81. 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
1984	27 969	21 254	6 715	-	18 885	17 952	933	-
1985	29 671	21 196	8 475	-	19 937	19 021	916	-
1986	135 319	38 872	9 638	86 809	28 046	26 983	1 063	-
1987	132 387	27 709	9 818	94 860	25 920	25 023	897	-
1988	171 897	23 316	17 083	131 498	25 929	24 687	1 242	-
1989	212 912	17 990	24 335	170 587	28 665	26 911	1 754	-
1990	231 050	12 840	29 587	188 623	24 129	22 522	1 607	-
1991	225 976	15 607	28 975	181 394	31 631	29 364	2 267	-
1992	190 305	17 430	23 129	149 746	34 360	32 515	1 845	-
1993	214 383	14 616	21 236	178 531	32 656	30 953	1 703	-
1994	236 251	13 404	20 911	201 936	30 786	29 375	1 411	-
1995	332 154	46 580	26 605	258 969	34 551	15 021	1 491	18 039
1996	348 879	60 325	32 078	256 476	40 995	19 560	2 403	19 032
1997	319 902	60 118	35 824	223 960	34 162	17 854	2 434	13 874
1998	334 495	56 130	46 694	231 671	36 524	17 840	3 055	15 629
1999	272 355	46 099	40 323	185 933	40 677	21 199	4 077	15 401
2000	305 793	62 686	47 750	195 357	38 068	19 674	4 978	13 416
2001	338 063	94 947	51 377	191 739	40 178	23 917	4 990	11 268
2002	340 536	100 361	48 925	191 250	40 721	27 015	3 349	10 357
2003	330 655	100 049	48 373	182 233	34 786	23 939	2 721	8 126
2004	330 320	113 144	50 719	166 457	35 031	23 740	3 322	7 969
2005	328 154	148 501	48 992	130 661	39 374	27 783	3 654	7 937
2006	281 561	144 903	33 739	102 919	39 927	30 769	2 489	6 669
2007	241 091	118 714	31 966	90 411	42 053	34 165	2 258	5 630
2008	209 351	101 630	28 508	79 213	42 364	34 441	2 597	5 326
2009	155 151	77 862	19 697	57 592	35 585	28 816	2 001	4 768
2010	142 774	75 991	17 106	49 677	37 554	30 598	2 287	4 669
2011	116 831	67 580	11 385	37 866	36 278	29 949	1 955	4 374
2012	100 264	61 341	8 577	30 346	37 059	31 585	1 657	3 817
2013	82 496	52 675	6 535	23 286	33 468	28 840	1 328	3 300

Table 82. 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		
1984	4 417	1 507	-	1 644	110	559	597	5 148	2 048	-	1 344	284	854	618
1985	5 542	1 362	-	2 501	69	843	767	5 630	1 792	-	1 692	128	1 196	822
1986	6 303	1 617	-	2 884	78	870	854	6 065	2 028	-	1 958	186	1 072	821
1987	6 095	1 572	-	2 569	77	992	885	6 443	2 081	-	2 093	152	1 226	891
1988	6 797	1 591	-	3 351	98	1 017	740	7 106	1 947	-	2 962	222	1 256	719
1989	7 835	1 699	-	4 429	160	942	605	8 921	2 051	-	4 826	331	1 103	610
1990	9 985	1 736	-	4 397	187	2 926	739	10 091	2 047	-	3 692	372	3 294	686
1991	8 683	1 784	-	3 385	128	2 620	766	9 435	2 126	-	2 955	276	3 400	678
1992	6 480	1 540	-	2 509	96	1 673	662	7 216	1 875	-	2 316	208	2 182	635
1993	7 110	1 622	-	3 092	106	1 418	872	8 206	2 295	-	2 993	238	1 853	827
1994	7 688	1 508	-	3 973	98	1 247	862	8 837	2 348	-	3 673	226	1 741	849
1995	16 489	1 765	-	11 670	98	1 817	1 139	10 993	2 738	-	4 914	247	2 026	1 068
1996	16 827	1 798	-	11 376	149	2 143	1 361	11 426	2 647	-	5 044	398	2 082	1 255
1997	13 648	1 712	-	8 169	92	2 197	1 478	11 084	2 638	-	4 844	247	1 975	1 380
1998	12 877	1 341	-	7 356	64	2 191	1 925	10 627	1 956	-	4 530	215	1 907	2 019
1999	11 362	1 269	-	6 328	63	2 019	1 683	9 681	1 937	-	4 241	159	1 716	1 628
2000	10 306	1 132	91	7 250	77	27	1 729	8 217	1 843	153	4 372	202	27	1 620
2001	14 327	1 072	60	10 959	76	35	2 125	9 595	1 561	90	5 678	236	30	2 000
2002	14 895	1 156	82	11 250	83	35	2 289	9 488	1 812	121	5 183	210	35	2 127
2003	12 966	1 057	110	9 236	73	45	2 445	8 580	1 766	170	4 088	217	28	2 311
2004	12 706	910	67	9 525	80	23	2 101	7 441	1 519	143	3 555	238	30	1 956
2005	14 301	903	45	11 022	65	31	2 235	7 508	1 433	92	3 767	226	45	1 945
2006	12 226	921	46	8 911	64	24	2 260	7 978	1 715	87	3 731	240	22	2 183
2007	9 534	881	45	6 059	38	24	2 487	7 529	1 530	75	3 305	176	38	2 405
2008	8 117	803	31	4 925	29	10	2 319	6 843	1 337	84	2 995	97	8	2 322
2009	6 764	832	37	3 799	18	5	2 073	6 139	1 437	67	2 486	82	11	2 056
2010	5 312	743	25	2 557	19	9	1 959	5 365	1 420	32	1 911	74	6	1 922
2011	4 190	686	28	1 661	10	5	1 800	4 929	1 412	60	1 539	58	14	1 846
2012	3 461	624	35	1 275	11	1	1 515	4 527	1 444	68	1 346	45	1	1 623
2013	2 607	551	28	1 001	8	-	1 019	3 172	951	61	1 104	34	-	1 022

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 83. 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		
1989	19 593	13 132	2 694	438	-	1 648	40	420	148	47	22.6
1990	17 286	10 124	2 613	381	-	1 121	40	963	108	1 389	19.9
1991	25 472	11 794	2 111	263	-	627	35	1 085	101	6 856	17.5
1992	30 719	13 549	1 498	276	-	492	26	616	88	10 736	17.8
1993	30 780	15 216	1 941	469	-	805	6	504	157	8 847	17.4
1994	28 378	16 086	2 735	663	-	1 295	12	544	221	4 613	18.5
1995	29 287	16 818	3 650	750	-	1 812	17	794	277	3 693	18.8
1996	29 680	16 757	3 077	591	-	1 454	25	640	367	4 577	17.2
1997	24 766	13 079	3 049	638	-	1 380	18	598	415	3 982	14.4
1998	23 094	14 116	2 623	328	-	1 296	25	610	364	2 805	14.5
1999	21 224	13 090	2 190	324	-	1 022	23	489	332	2 726	11.8
2000	18 144	10 656	1 589	294	16	975	10	-	294	1 899	10.0
2001	16 939	8 799	1 611	202	23	1 000	19	1	366	922	9.4
2002	15 659	7 769	1 394	269	28	756	6	1	334	1 073	8.4
2003	12 331	6 498	1 129	210	29	480	16	-	394	783	7.8
2004	10 540	4 859	1 092	248	37	432	15	3	357	712	6.0
2005	9 620	4 566	895	211	23	373	2	4	282	645	4.6
2006	10 384	4 689	1 155	299	13	449	15	1	378	518	4.5
2007	10 881	4 285	872	213	13	286	16	2	342	602	4.1
2008	11 283	3 940	845	165	6	274	1	1	398	607	4.2
2009	10 762	3 882	829	173	19	255	8	-	374	843	4.1
2010	11 102	4 086	700	175	2	158	3	-	362	1 213	4.1
2011	13 103	4 053	752	261	7	111	1	-	372	1 317	5.0
2012	15 078	4 368	863	309	17	165	6	-	366	1 655	5.8
2013	12 038	3 385	474	101	19	137	-	-	217	1 519	4.7

Table 84. 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
1984	330 302	242 145	73.3	215 444	1 138.1
1985	369 895	268 843	72.7	220 109	1 146.9
1986	296 895	191 381	64.5	204 553	1 053.8
1987	206 641	115 068	55.7	111 709	569.4
1988	166 386	88 791	53.4	73 550	370.7
1989	172 334	93 584	54.3	75 904	378.5
1990	182 350	100 786	55.3	74 456	367.2
1991	252 473	150 411	59.6	109 320	533.2
1992	302 914	186 568	61.6	147 857	714.1
1993	318 327	180 838	56.8	151 466	724.8
1994	304 243	166 186	54.6	144 829	686.8
1995	303 051	162 359	53.6	131 669	619.1
1996	344 714	186 637	54.1	130 759	609.8
1997	362 487	187 238	51.7	147 002	679.5
1998	336 978	142 499	42.3	118 435	542.4
1999	365 543	142 172	38.9	105 900	481.1
2000	375 188	150 795	40.2	122 076	550.3
2001	362 975	157 437	43.4	128 453	575.0
2002	382 363	153 003	40.0	127 127	565.9
2003	367 158	136 258	37.1	131 680	583.6
2004	377 734	139 454	36.9	115 181	508.6
2005	426 546	158 817	37.2	126 978	558.6
2006	474 688	189 943	40.0	145 741	638.6
2007	506 648	221 486	43.7	173 711	758.0
2008	526 143	231 813	44.1	198 685	863.9
2009	518 747	216 540	41.7	190 474	825.3
2010	523 887	218 443	41.7	180 081	778.2
2011	508 257	211 783	41.7	175 300	755.8
2012	494 883	203 760	41.2	173 864	747.2
2013	496 964	208 262	41.9	168 595	722.2

Table 84. Treatment of criminals

Year	Offenders convicted by length of sentence					
	Death sentence	Life imprisonment	A definite period in prison	A definite period in prison		Detention
				Under 6 months	3 years and over	
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 r	3	131	96 433	56 638	6 184	32 266
2007	-	89	113 164	74 052	6 198	41 287
2008 r	-	111	134 555	86 587	6 390	42 133
2009	-	76	124 676	79 915	6 163	39 508
2010	4	61	117 622	79 084	6 747	39 580
2011	5	45	117 843	79 205	7 232	35 483
2012	1	54	117 212	78 987	7 264	34 773
2013	11	48	122 106	88 316	6 545	28 862

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
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
21 822	48 234	52 708	36 365	6 347
26 139	42 336	55 225	38 362	8 301
22 748	37 159	57 088	35 133	9 300
21 867	36 459	57 479	36 479	11 121
21 757	35 329	58 674	34 379	10 219
17 517	34 167	58 565	34 191	11 005

Table 85. Fire losses and casualties

Year	Number of fires	Number of burned houses	Number of casualties		Estimated property losses (Million NT\$)
			Deaths	Injuries	
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	1 292	117	298	759
2010	2 186	1 276	83	308	1 688
2011 r	1 772	1 029	97	288	553
2012	1 574	907	142	286	694
2013	1 451	1 204	92	189	533

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

Table 86. 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	
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	85.2	2 092	246 994	1 079.3
2010 r	219 651	101.9	2 047	293 764	1 278.3
2011	235 776	107.3	2 117	315 201	1 368.1
2012	249 465	111.9	2 040	334 082	1 444.4
2013	278 388	126.8	1 928	373 568	1 608.5

Notes : 1.Cases of traffic accidents referred to deaths or seriously injuries only before 2000 and included cases of injuries not heavily afterwards.
2.The number of casualties of traffic accidents increased sharply because revised reporting system and new statistical process were inaugurated in 2000, which strengthened to follow cases of seriously injured.

SOCIAL WELFARE

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

Social welfare statistics are compiled by the Ministry of Health and Welfare 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 -- The low-income households shall qualify under the following conditions: they are approved by their local municipality competent authority via application; their average divided monthly income among each person in the household falls below the lowest living index; and their total household assets do not exceed the specific amount announced by the central and municipality competent authorities in the year of application. The aforementioned lowest living index is based on the standard announced by the central department of budget, accounting and statistics, and is defined by the central and municipality competent authorities as 60% of the median rate of the expenditure per person in the past year in the household's local area.

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 expenditures for pension and survivors' benefits), social relief, benefit service, nationwide employment service, medical care and community development, and environmental protection before FY1989. Since FY1990, it excluded expenditure on community development, environmental protection and expenditures for pension and survivors' benefits. Data from FY1981 to 1989 are recalculated by the definition of the social welfare expenditure made in 1990.

Table 87. Insured persons

End of Year	National health insurance	Government employees' and school staffs' insurance	Retired government employees' insurance
1984	-	468 577	9 922
1985	-	475 663	4 952
1986	-	483 473	4 222
1987	-	489 772	3 632
1988	-	496 175	3 352
1989	-	515 387	3 155
1990	-	536 775	2 921
1991	-	549 615	2 747
1992	-	560 127	2 579
1993	-	572 122	2 409
1994	-	581 047	2 193
1995	19 123 278	588 354	1 710
1996	20 041 488	597 895	1 510
1997	20 492 317	600 026	1 363
1998	20 757 185	574 364	1 208
1999	21 089 859	623 016	1 100
2000	21 400 826	629 395	985
2001	21 653 555	629 358	906
2002	21 869 478	626 652	836
2003	21 984 415	622 851	762
2004	22 134 270	617 260	692
2005	22 314 647	591 158	634
2006	22 484 427	589 237	563
2007	22 803 048	590 808	502
2008	22 918 144	594 798	458
2009	23 025 773	597 983	416
2010	23 074 487	597 583	372
2011	23 198 664	593 949	334
2012	23 280 949	593 846	303
2013	23 462 863	593 760	258

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

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

of social insurance

Persons

Labor insurance	Employment Insurance	Farmers' health insurance	Persons	
				Aged 65 and above
3 693 276	-	-	-	-
4 049 472	-	100 739		23 131
4 711 969	-	113 365		27 174
5 321 733	-	218 021		43 945
5 980 157	-	676 461		180 954
6 549 661	-	1 344 155		373 441
6 852 978	-	1 571 296		442 269
7 281 445	-	1 653 676		475 510
7 708 868	-	1 695 167		498 703
8 144 183	-	1 708 488		517 818
8 496 883	-	1 737 740		541 497
7 635 063	-	1 800 187		570 598
7 434 299	-	1 812 293		592 833
7 500 917	-	1 812 260		613 621
7 597 386	-	1 806 392		632 992
7 738 971	4 804 183	1 800 059		654 669
7 915 789	4 962 417	1 779 500		670 233
7 779 127	4 819 919	1 766 854		684 462
7 857 842	4 869 728	1 748 558		701 480
8 102 570	5 024 816	1 710 122		714 640
8 341 927	5 242 310	1 676 550		727 814
8 540 755	5 369 278	1 646 035		741 426
8 681 145	5 447 373	1 622 923		754 241
8 799 405	5 507 865	1 601 410		762 557
8 795 248	5 420 549	1 573 364		765 983
9 029 279	5 584 169	1 540 988		761 961
9 397 608	5 880 500	1 508 284		752 299
9 725 761	6 118 570	1 479 148		743 979
9 709 511	6 224 341	1 454 728		736 121
9 745 794	6 310 245	1 409 634		724 637

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 88. Expenditure for social assistance

Thousand NT\$

Year	Living assistance for ¹ low-income families	Medical subsidies	Nursing care assistance for mid or low-income families	Aid for disasters	Aid for emergencies- by cash
1999	3 703 543 737	102 525 465	-	29 963 121 848	235 417 258
2000	4 032 484 889	96 947 380	-	629 455 638	239 486 894
2001	4 077 055 531	101 727 598	102 086 152	968 864 488	214 056 822
2002	4 174 047 421	104 851 072	91 907 148	178 999 352	205 359 625
2003	4 451 909 359	89 630 957	95 233 657	81 288 200	199 139 830
2004	4 712 809 685	105 216 697	92 457 002	662 711 598	245 920 668
2005	5 002 108 520	93 763 626	104 289 186	547 738 500	217 938 907
2006	5 282 871 932	56 811 607	102 000 779	84 219 438	215 961 088
2007	5 447 436 621	61 541 149	109 650 561	132 553 485	268 450 651
2008	5 910 069 185	56 267 436	114 107 649	188 700 276	273 655 482
2009	7 419 892 284	66 394 446	121 669 314	821 797 601	245 764 283
2010	7 619 473 626	64 026 924	128 706 945	792 256 996	283 733 349
2011	8 163 262 709	70 917 654	162 687 156	46 722 902	274 228 292
2012 r	10 896 489 015	71 755 699	162 830 063	173 625 676	269 103 281
2013	11 936 489 263	80 407 028	169 355 078	88 534 273	246 688 235

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

Table 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
1999	58 310	0.89	136 691	0.62
2000	66 467	0.99	156 134	0.70
2001	67 191	0.99	162 699	0.73
2002	70 417	1.02	171 200	0.76
2003	76 406	1.08	187 875	0.83
2004	82 783	1.15	204 216	0.90
2005	84 823	1.16	211 292	0.93
2006	89 900	1.22	218 166	0.95
2007	90 682	1.21	220 990	0.96
2008	93 032	1.22	223 697	0.97
2009	105 265	1.35	256 342	1.11
2010	112 200	1.41	273 361	1.18
2011	128 237	1.59	314 282	1.35
2012	145 613	1.78	357 446	1.53
2013	148 590	1.79	361 765	1.55

Table 90. Assistance service organizations and inmates

End of Year	Total		Houses for the aged ¹		Child and Youth ² Residential Institutions		Handicapped home	
	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)
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	26 908	528	17 737	42	2 395	178	6 776
2001	893	34 545	658	20 599	42	2 323	193	11 623
2002	1 044	39 658	779	24 730	42	2 317	223	12 611
2003	1 111	44 082	827	27 416	43	2 126	241	14 540
2004	1 207	48 677	886	30 251	77	2 844	244	15 582
2005	1 242	51 226	912	32 378	86	2 943	244	15 905
2006	1 281	53 876	944	34 496	89	3 010	248	16 370
2007	1 351	56 811	1 002	36 651	95	3 158	254	17 002
2008	1 411	59 160	1 042	38 273	105	3 430	264	17 457
2009	1 450	61 554	1 066	40 183	114	3 453	270	17 918
2010	1 444	63 736	1 053	41 519	115	3 619	276	18 598
2011 r	1 442	65 451	1 051	42 819	120	3 609	271	19 023
2012	1 428	65 441	1 034	42 800	123	3 549	271	19 092
2013	1 437	66 505	1 035	43 496	126	3 542	276	19 467

Notes : ¹ 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.

² Data do not include Youth Residential Institutions before 2004.

Data do not include Kinmen County and Lienchiang County before 1996.

Table 91. General conditions of children care services

End of Year	Nurseries		Community nurseries	
	Nurseries (Numbers)	Number of children (Persons)	Nurseries (Numbers)	Number of children (Persons)
1988	1 423	120 702	2 824	127 242
1989	1 413	126 595	2 451	106 967
1990	1 360	124 366	2 385	114 294
1991	1 363	121 638	2 550	124 719
1992	1 328	115 920	2 433	117 778
1993	1 270	112 509	2 394	117 272
1994	1 287	117 226	2 363	116 554
1995	1 357	116 377	1 931	106 976
1996	1 775	204 560	447	30 407
1997	2 047	232 898	257	13 520
1998	2 281	239 105	168	9 417
1999	2 576	250 951	139	8 210
2000	3 250	302 169	95	7 547
2001	3 513	311 688	87	7 230
2002	3 801	319 517	96	7 608
2003	3 996	298 095	86	4 476
2004	4 184	295 385	73	4 872
2005	4 240	285 768	67	4 450
2006	4 150	264 133	63	3 722
2007	4 066	250 723	46	3 483
2008	3 972	235 899	36	2 321
2009	3 852	237 971	35	2 201
2010	3 813	235 397	12	1 545
2011	3 673	244 421	8	1 065
End of Year	Infant care centers		After-school care centers	
	Private (Numbers)	Number of children (Persons)	Private (Numbers)	Number of children (Persons)
2012	402	6 861	687	21 703
2013	553	11 362	22	596

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.

3.From 2012, Preschools combine kindergartens with nurseries, so the data of the nurseries have been transferred to education category.

Table 92. Net expenditure on social welfare

Fiscal Year	Net expenditure for social welfare by general government			Per capita net benefit from social welfare (NT\$)
	Total ¹ (Thousand NT\$)	As % of total net expenditure	As % of GNP	
1984	33 911 201	6.7	1.5	1 805
1985	34 279 484	6.3	1.4	1 798
1986	40 591 479	6.6	1.5	2 102
1987	37 085 134	5.8	1.2	1 901
1988	55 169 160	7.6	1.6	2 797
1989	65 488 382	5.4	1.7	3 282
1990	96 207 023	8.8	2.2	4 773
1991	117 771 908	9.2	2.5	5 744
1992	135 040 121	8.6	2.5	6 522
1993	145 758 829	8.3	2.4	6 974
1994	158 523 241	8.7	2.4	7 518
1995	231 765 959	12.1	3.3	10 898
1996	290 002 141	15.7	3.8	13 525
1997	294 982 386	15.7	3.6	13 635
1998	282 766 789	14.2	3.1	12 950
1999	280 452 253	13.7	2.9	12 742
2000	531 808 684	16.9	3.5	16 231
2001	396 980 708	17.5	3.9	17 769
2002	323 614 630	15.1	3.0	14 406
2003	346 911 365	15.7	3.1	15 375
2004	347 557 298	15.5	3.0	15 347
2005	357 762 268	15.6	3.0	15 740
2006	370 302 873	16.7	2.9	16 225
2007	372 202 180	16.3	2.8	16 241
2008	368 136 275	15.7	2.8	16 008
2009	388 561 948	14.5	3.0	16 837
2010	415 356 194	16.2	3.0	17 949
2011	446 921 628	17.1	3.2	19 269
2012 r	540 440 045	20.2	3.7	23 224
2013	536 916 218	20.1	3.6	23 000

Notes : ¹ 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 (DGBAS did not publish “Quarterly National Economic Trends” from August 2012). In 1986, the prediction was extended to cover a quarter beyond the current one, an additional quarter in 1987, and four quarters to come in 1988. Our country adopted the UN national economic account system, as revised by the United Nations in 1993, and compiled national income statistics in November 2005. Data have been revised and released every 5 years, for years ending in “4” and “9”, according to system of national accounts, sourcing from Industrial and Commercial Census, etc. Industrial classification has been revised, according to the eighth edition of *Standard Industrial Classification of the Republic of China*, and related date have been traced back to 1981.

This country started preparation of statistics on personal income distribution in 1964, a sampling survey on household income and expenditure in the Taiwan area. This survey adopts a stratified two-stage sampling method with counties and cities as subpopulations. The Ts'un and Li, a basic administrative unit, is designated as the primary sampling unit (PSU), and the household in the PSU is the secondary sampling unit (SSU). The universal sampling rate is about 0.20%, which is about 15,858 households.

The objects of the family income and expenditure sampling survey are R.O.C. nationals dwelling in Taiwan area and the families these R.O.C. nationals have organized to live together economically. Interview and bookkeeping are both adopted in the survey. The survey uses the stratified two-stage sampling method to draw out families for interview, some of which are again drawn to do bookkeeping. Data for dynamic changes are based on cumulation for the entire year while static data, at the end of the survey year. Its history can be divided into 16 stages as follows:

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

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

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

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

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

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

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

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

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

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

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

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

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

Stage 14 (Since 2010): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 14,853 households.

Stage 15 (Since 2011): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 15,857 households.

Stage 16 (Since 2012): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 15,858 households.

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

Table 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\$)		
1984	60 938	9.32	55 790	14.34	127 543	3 219	129 127	3 259	2 947	1 621
1985	63 149	4.07	58 439	4.75	131 158	3 290	133 615	3 352	3 045	1 683
1986	77 781	11.00	73 080	25.05	151 663	4 007	155 628	4 112	3 765	1 891
1987	103 290	10.68	97 053	32.80	167 806	5 265	171 545	5 383	4 947	2 501
1988	121 935	5.57	118 014	21.60	175 837	6 146	180 745	6 318	5 948	3 178
1989	151 580	10.28	143 084	21.24	199 608	7 558	204 632	7 748	7 134	4 020
1990	164 747	6.87	154 678	8.10	218 456	8 124	224 241	8 339	7 628	4 381
1991	184 870	7.88	173 726	12.31	241 822	9 016	248 433	9 263	8 473	4 850
1992	219 974	7.56	203 796	17.31	267 315	10 625	273 147	10 856	9 843	5 814
1993	231 531	6.73	214 086	5.05	292 363	11 079	297 820	11 285	10 244	6 125
1994	252 665	7.59	233 388	9.02	317 049	11 982	322 148	12 175	11 068	6 826
1995	274 728	6.38	252 697	8.27	342 188	12 918	347 404	13 115	11 882	7 383
1996	287 912	5.54	264 373	4.62	368 729	13 428	373 836	13 614	12 330	7 779
1997	298 773	5.48	273 713	3.53	396 355	13 810	400 497	13 955	12 652	8 001
1998	275 080	3.47	249 347	- 8.90	421 519	12 598	424 659	12 692	11 419	7 325
1999	299 010	5.97	270 267	8.39	438 384	13 585	442 497	13 712	12 279	7 977
2000	326 205	5.80	295 038	9.17	459 212	14 704	465 502	14 906	13 299	8 643
2001	293 712	- 1.65	264 092	- 10.49	444 489	13 147	453 084	13 401	11 821	7 980
2002	301 088	5.26	271 298	2.73	463 498	13 404	474 294	13 716	12 077	8 030
2003	310 757	3.67	283 146	4.37	474 069	13 773	488 645	14 197	12 549	8 239
2004	339 973	6.19	308 044	8.79	501 849	15 012	518 280	15 503	13 602	8 993
2005	364 832	4.70	327 581	6.34	516 516	16 051	529 313	16 449	14 412	9 694
2006	376 375	5.44	336 050	2.59	536 442	16 491	550 099	16 911	14 724	9 763
2007	393 134	5.98	348 166	3.61	563 349	17 154	577 869	17 596	15 192	9 974
2008	400 132	0.73	349 424	0.36	548 757	17 399	562 439	17 833	15 194	10 492
2009	377 529	- 1.81	328 971	- 5.85	540 813	16 359	558 751	16 901	14 255	9 926
2010	428 186	10.76	381 606	16.00	585 633	18 503	604 199	19 090	16 491	10 820
2011 r	465 187	4.19	413 127	8.26	591 074	20 057	607 818	20 625	17 812	12 049
2012 r	475 257	1.48	416 407	0.79	604 937	20 423	624 455	21 082	17 894	12 281
2013	489 132	2.09	428 931	3.01	623 713	20 952	641 711	21 558	18 373	12 502

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

Table 94. Expenditure on the

Item	1997	1998	1999	2000	2001	2002	2003
	At Current						
Government final consumption expenditure	1 279 905	1 364 414	1 331 713	1 362 909	1 391 434	1 412 451	1 416 425
Private final consumption expenditure	4 967 841	5 351 560	5 665 865	5 987 733	6 027 593	6 237 569	6 398 604
Changes in inventories	85 102	90 373	57 197	91 197	- 63 208	- 43 864	12 304
Gross fixed capital formation	2 065 382	2 302 142	2 351 957	2 524 443	2 033 527	2 057 650	2 117 282
Exports of goods and services	4 086 505	4 359 751	4 562 172	5 392 441	4 962 159	5 436 642	5 935 611
Less : Imports of goods and services	3 909 951	4 264 066	4 319 855	5 171 329	4 421 118	4 688 809	5 183 969
Gross Domestic Product	8 574 784	9 204 174	9 649 049	10 187 394	9 930 387	10 411 639	10 696 257
	At 2006						
Government final consumption expenditure	1 426 928	1 478 508	1 420 257	1 437 459	1 464 181	1 486 823	1 468 602
Private final consumption expenditure	5 255 821	5 587 276	5 870 777	6 149 541	6 210 017	6 412 727	6 599 393
Changes in inventories	106 306	114 666	74 486	107 491	- 80 627	- 59 812	12 679
Gross fixed capital formation	2 397 302	2 572 641	2 622 123	2 812 736	2 309 094	2 334 948	2 332 482
Exports of goods and services	3 957 487	4 031 728	4 526 272	5 355 033	4 894 600	5 450 907	6 008 285
Less : Imports of goods and services	4 754 827	5 105 004	5 315 817	6 131 052	5 226 681	5 551 256	5 977 448
Gross Domestic Product	8 389 017	8 679 815	9 198 098	9 731 208	9 570 584	10 074 337	10 443 993

Table 95. Gross

Item	1997	1998	1999	2000	2001	2002	2003
	At Current						
Compensation of employees	4 277 342	4 488 409	4 653 349	4 893 571	4 799 050	4 791 056	4 957 883
Operating surplus	2 782 756	3 089 222	3 307 088	3 519 057	3 332 529	3 694 321	3 822 051
Consumption of fixed capital	812 352	932 761	1 017 538	1 107 254	1 193 448	1 234 946	1 306 307
Indirect taxes	727 597	744 680	711 386	706 491	671 561	708 378	701 165
Less : subsidies	21 752	47 716	40 825	44 640	66 201	54 757	64 099
Plus : Statistical discrepancy	- 3 511	- 3 182	513	5 661	-	37 695	- 27 050
Gross domestic product	8 574 784	9 204 174	9 649 049	10 187 394	9 930 387	10 411 639	10 696 257
	At 2006						
Domestic factor income	6 833 392	7 095 427	7 532 198	7 961 407	7 696 095	8 070 659	8 418 566
Consumption of fixed capital	895 314	988 116	1 085 010	1 192 937	1 285 467	1 337 703	1 391 470
Net indirect taxes	675 124	664 059	652 434	641 924	589 022	637 455	629 758
Plus : Statistical discrepancy	- 14 813	- 67 787	- 71 544	- 65 060	-	28 520	4 199
Gross domestic product	8 389 017	8 679 815	9 198 098	9 731 208	9 570 584	10 074 337	10 443 993

gross domestic product

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012 ^r	2013
Prices									
1 444 872	1 463 234	1 469 296	1 521 102	1 563 634	1 619 998	1 642 101	1 696 548	1 746 482	1 728 580
6 808 382	7 090 739	7 248 344	7 506 467	7 609 995	7 573 582	7 924 534	8 235 409	8 465 030	8 688 275
100 180	32 404	46 283	14 456	160 383	- 145 180	147 028	- 6 899	21 693	- 33 595
2 592 909	2 635 451	2 730 670	2 841 353	2 665 928	2 353 579	2 888 204	2 865 969	2 772 387	2 814 776
6 980 987	7 341 705	8 325 717	9 304 061	9 208 653	7 799 167	10 001 116	10 413 312	10 325 648	10 618 359
6 562 038	6 823 254	7 576 839	8 276 928	8 588 443	6 720 053	9 050 884	9 495 265	9 254 141	9 255 835
11 365 292	11 740 279	12 243 471	12 910 511	12 620 150	12 481 093	13 552 099	13 709 074	14 077 099	14 560 560
Constant Prices									
1 477 006	1 479 824	1 469 296	1 499 966	1 512 363	1 573 011	1 579 960	1 614 293	1 629 858	1 624 496
6 940 690	7 141 820	7 248 344	7 399 430	7 330 490	7 386 055	7 678 255	7 915 974	8 044 119	8 206 606
104 189	34 223	46 283	12 867	134 441	- 133 949	152 057	25 959	11 091	- 50 229
2 658 055	2 728 700	2 730 670	2 745 800	2 406 517	2 135 815	2 586 880	2 526 697	2 425 259	2 540 260
6 933 851	7 473 089	8 325 717	9 120 880	9 200 037	8 401 714	10 554 664	11 024 965	11 037 510	11 458 180
7 023 317	7 245 563	7 576 839	7 802 958	7 513 167	6 528 597	8 336 747	8 297 146	8 117 978	8 435 706
11 090 474	11 612 093	12 243 471	12 975 985	13 070 681	12 834 049	14 215 069	14 810 742	15 029 859	15 343 607

domestic product

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012 ^r	2013
Prices									
5 199 412	5 436 252	5 698 931	5 850 552	5 936 309	5 676 671	6 082 495	6 324 792	6 475 337	} 11 519 557
4 029 449	4 095 325	4 204 829	4 531 469	4 094 484	4 170 502	4 834 818	4 680 200	4 624 506	
1 441 236	1 510 609	1 623 473	1 742 202	1 909 114	1 950 720	2 004 347	2 091 106	2 144 406	2 089 994
756 255	783 668	778 870	790 795	767 418	727 981	832 758	880 053	880 957	} 828 505
59 290	64 545	62 632	71 803	92 032	113 355	101 868	98 557	101 021	
- 1 770	- 21 030	0	67 296	4 857	68 574	- 100 451	- 168 520	52 914	122 504
11 365 292	11 740 279	12 243 471	12 910 511	12 620 150	12 481 093	13 552 099	13 709 074	14 077 099	14 560 560
Constant Prices									
8 920 477	9 336 304	9 903 760	10 544 671	10 647 388	10 466 862	11 730 341	12 250 027	12 407 819	12 606 831
1 463 309	1 550 585	1 623 473	1 692 330	1 750 447	1 763 124	1 796 757	1 846 846	1 874 995	1 901 823
708 350	721 294	716 238	711 281	651 060	593 139	702 224	731 566	724 691	765 453
- 1 662	3 910	0	27 703	21 786	10 924	- 14 253	- 17 697	22 354	69 500
11 090 474	11 612 093	12 243 471	12 975 985	13 070 681	12 834 049	14 215 069	14 810 742	15 029 859	15 343 607

Table 96. Gross domestic

Item	1999	2000	2001	2002	2003	2004
						at current
Agriculture, forestry, fishing and animal husbandry	236 720	205 434	188 593	188 436	183 581	190 733
Mining and quarrying	65 139	51 487	48 110	52 099	43 610	47 946
Manufacturing	2 308 308	2 508 213	2 306 353	2 595 812	2 801 855	3 047 086
Electricity and gas supply	181 951	181 715	183 154	189 020	188 087	161 630
Water supply and remediation services	47 700	47 789	48 877	53 536	59 115	64 443
Construction	344 507	317 766	267 667	261 516	253 520	288 093
Wholesale and retail trade	1 585 784	1 745 878	1 699 937	1 744 101	1 785 113	1 941 499
Transportation and storage	423 478	413 114	412 398	421 717	408 507	426 864
Accommodation and food services	188 644	205 669	206 706	207 752	204 743	215 478
Information and communication	320 276	374 417	393 845	394 088	403 079	408 597
Finance and insurance	836 693	846 016	816 794	832 267	807 274	859 478
Real estate	831 813	875 432	884 928	855 445	892 972	926 654
Professional, scientific and technical services	169 219	177 162	179 288	187 658	198 997	210 604
Support services	79 919	87 909	99 367	108 384	110 997	124 391
Public administration and defence	768 845	804 451	810 088	808 341	847 589	872 697
Education	391 385	415 867	457 411	488 249	530 562	532 317
Human health and social work services	239 725	259 327	277 393	293 560	298 677	308 905
Arts, entertainment and recreation	79 133	82 415	87 612	90 203	92 523	93 482
Other services	236 307	257 069	275 519	292 628	295 116	306 932
Subtotal	9 335 546	9 857 130	9 644 040	10 064 812	10 405 917	11 027 829
Plus : Import duties	139 348	146 443	119 100	126 370	128 710	126 147
Plus : Value-added tax	173 642	178 160	167 247	182 762	188 680	213 086
Total(production approach)	9 648 536	10 181 733	9 930 387	10 373 944	10 723 307	11 367 062
Plus : Statistical discrepancy	513	5 661	0	37 695	- 27 050	- 1 770
Gross domestic product	9 649 049	10 187 394	9 930 387	10 411 639	10 696 257	11 365 292

Table 97. National disposable

Item	1999	2000	2001	2002	2003	2004
Government final consumption expenditure	1 331 713	1 362 909	1 391 434	1 412 451	1 416 425	1 444 872
Private final consumption expenditure	5 665 865	5 987 733	6 027 593	6 237 569	6 398 604	6 808 382
Saving	1 649 168	1 782 059	1 417 492	1 645 309	1 837 258	1 916 816
Appropriation of disposable income	8 646 746	9 132 701	8 836 519	9 295 329	9 652 287	10 170 070
Compensation of employees	4 653 349	4 893 571	4 799 050	4 791 056	4 957 883	5 199 412
Operating surplus	3 307 088	3 519 057	3 332 529	3 694 321	3 822 051	4 029 449
Compensation of employees from ROW, net	- 12 747	- 14 681	- 12 680	- 10 857	- 12 390	- 9 660
Property and entrepreneurial income from ROW, net	103 265	154 239	204 704	253 359	341 263	381 759
Indirect taxes	711 386	706 491	671 561	708 378	701 165	756 255
Less : subsidies	40 825	44 640	66 201	54 757	64 099	59 290
Other current transfers from ROW, net	- 74 770	- 81 336	- 92 444	- 86 171	- 93 586	- 127 855
Disposable income	8 646 746	9 132 701	8 836 519	9 295 329	9 652 287	10 170 070

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

product by kind of activity

Million NT\$

2005	2006	2007	2008	2009	2010	2011 ^r	2012 ^r	2013
prices								
195 833	197 589	191 621	201 799	215 250	224 501	248 657	249 172	243 021
44 718	39 444	58 627	20 734	51 695	65 357	30 598	44 307	60 815
3 120 118	3 239 070	3 405 858	3 132 252	2 950 748	3 536 574	3 495 940	3 417 885	3 588 481
155 864	147 526	124 719	65 301	171 598	157 680	128 873	123 681	174 176
70 773	77 454	83 858	83 286	81 804	88 128	88 959	92 808	91 530
284 824	332 438	357 606	363 274	333 724	383 943	403 322	399 683	416 589
2 073 677	2 188 716	2 340 289	2 390 445	2 320 828	2 502 271	2 613 402	2 651 090	2 667 583
413 665	394 318	411 981	395 054	371 969	442 869	419 011	430 761	429 072
229 558	234 114	244 824	251 023	254 606	272 805	298 157	314 201	325 389
410 648	415 443	442 440	455 728	463 163	485 013	492 674	495 077	491 343
900 684	891 545	931 976	915 973	796 388	861 567	901 251	917 455	939 210
960 160	1 045 155	1 095 719	1 108 059	1 139 790	1 172 227	1 186 799	1 218 679	1 265 509
223 568	253 492	273 134	278 056	284 327	304 584	315 049	318 361	332 276
139 089	159 842	173 759	187 085	182 538	197 099	207 830	219 995	231 582
892 873	909 713	913 320	945 152	950 616	989 879	1 004 676	1 034 470	1 016 780
547 315	572 723	599 751	603 213	618 548	626 532	639 167	653 729	656 619
325 532	347 436	364 258	377 440	396 963	409 934	426 758	445 585	468 826
95 436	101 238	106 755	111 253	117 264	123 505	130 191	136 825	142 780
325 699	345 561	361 953	376 280	387 101	406 293	419 375	442 197	450 932
11 410 034	11 892 817	12 482 448	12 261 407	12 088 920	13 250 761	13 450 689	13 605 961	13 992 513
135 383	135 686	138 047	132 565	117 194	152 109	162 751	157 515	164 893
215 892	214 968	222 720	221 321	206 405	249 680	264 154	260 709	280 650
11 761 309	12 243 471	12 843 215	12 615 293	12 412 519	13 652 550	13 877 594	14 024 185	14 438 056
- 21 030	0	67 296	4 857	68 574	- 100 451	- 168 520	52 914	122 504
11 740 279	12 243 471	12 910 511	12 620 150	12 481 093	13 552 099	13 709 074	14 077 099	14 560 560

income and its appropriation

Million NT\$

2005	2006	2007	2008	2009	2010	2011 ^r	2012 ^r	2013
1 463 234	1 469 296	1 521 102	1 563 634	1 619 998	1 642 101	1 696 548	1 746 482	1 728 580
7 090 739	7 248 344	7 506 467	7 609 995	7 573 582	7 924 534	8 235 409	8 465 030	8 688 275
1 850 382	2 086 039	2 281 177	1 758 963	1 611 308	2 425 445	2 134 133	2 044 864	2 262 145
10 404 355	10 803 679	11 308 746	10 932 592	10 804 888	11 992 080	12 066 090	12 256 376	12 679 000
5 436 252	5 698 931	5 850 552	5 936 309	5 676 671	6 082 495	6 324 792	6 475 337	} 11 519 557
4 095 325	4 204 829	4 531 469	4 094 484	4 170 502	4 834 818	4 680 200	4 624 506	
- 7 433	- 3 611	- 427	- 600	1 752	1 424	1 533	4 620	8 227
298 299	315 310	333 193	315 246	412 242	428 215	386 839	449 571	411 934
783 668	778 870	790 795	767 418	727 981	832 758	880 053	880 957	} 828 505
64 545	62 632	71 803	92 032	113 355	101 868	98 557	101 021	
- 137 211	- 128 018	- 125 033	- 88 233	- 70 905	- 85 762	- 108 770	- 77 594	- 89 223
10 404 355	10 803 679	11 308 746	10 932 592	10 804 888	11 992 080	12 066 090	12 256 376	12 679 000

Table 98. Capital

Item	1997	1998	1999	2000	2001	2002
Changes in inventories	85 102	90 373	57 197	91 197	- 63 208	- 43 864
Gross fixed capital formation	2 065 382	2 302 142	2 351 957	2 524 443	2 033 527	2 057 650
Acquisition less disposal of nonproduced, nonfinancial assets from ROW, net ¹	-	-	-	-	1 386	1 487
Net lending to the rest of the world	193 748	107 092	252 482	270 370	635 110	899 357
Gross accumulation	2 344 232	2 499 607	2 661 636	2 886 010	2 606 815	2 914 630
Saving, net	1 544 404	1 576 084	1 649 168	1 782 059	1 417 492	1 645 309
Consumption of fixed capital	812 352	932 761	1 017 538	1 107 254	1 193 448	1 234 946
Capital transfers from ROW, net	- 9 013	- 6 056	- 5 583	- 8 964	- 4 125	- 3 320
Plus : Statistical discrepancy	- 3 511	- 3 182	513	5 661	-	37 695
Finance of gross accumulation	2 344 232	2 499 607	2 661 636	2 886 010	2 606 815	2 914 630

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

Table 99. External

Item	1998	1999	2000	2001	2002	2003
Exports of goods and services	4 359 751	4 562 172	5 392 441	4 962 159	5 436 642	5 935 611
Compensation of employees from ROW	7 829	9 197	8 558	8 115	7 677	7 435
Property and entrepreneurial income from ROW	208 999	215 564	277 742	307 259	349 662	439 702
Other current transfers from ROW	98 461	100 876	100 015	88 151	90 631	92 002
Current receipts	4 675 040	4 887 809	5 778 756	5 365 684	5 884 612	6 474 750
Imports of goods and services	4 264 066	4 319 855	5 171 329	4 421 118	4 688 809	5 183 969
Compensation of employees to ROW	20 375	21 944	23 239	20 795	18 534	19 825
Property and entrepreneurial income to ROW	127 902	112 299	123 503	102 555	96 303	98 439
Other current transfers to ROW	149 549	175 646	181 351	180 595	176 802	185 588
Disposal of current receipts	4 561 892	4 629 744	5 499 422	4 725 063	4 980 448	5 487 821
Surplus of the nation on current transactions	113 148	258 065	279 334	640 621	904 164	986 929

finance

Million NT\$

2003	2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012
12 304	100 180	32 404	46 283	14 456	160 383	- 145 180	147 028	- 6 899	21 693
2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 665 928	2 353 579	2 888 204	2 865 969	2 772 387
620	67	1 480	2 050	821	8 514	1 653	1 551	1 061	711
983 934	660 619	668 341	928 720	1 231 713	836 091	1 419 029	1 290 438	1 194 142	1 445 646
3 114 140	3 353 775	3 337 676	3 707 723	4 088 343	3 670 916	3 629 081	4 327 221	4 054 273	4 240 437
1 837 258	1 916 816	1 850 382	2 086 039	2 281 177	1 758 963	1 611 308	2 425 445	2 134 133	2 044 864
1 306 307	1 441 236	1 510 609	1 623 473	1 742 202	1 909 114	1 950 720	2 004 347	2 091 106	2 144 406
- 2 375	- 2 507	- 2 285	- 1 789	- 2 332	- 2 018	- 1 521	- 2 120	- 2 446	- 1 747
- 27 050	- 1 770	- 21 030	0	67 296	4 857	68 574	- 100 451	- 168 520	52 914
3 114 140	3 353 775	3 337 676	3 707 723	4 088 343	3 670 916	3 629 081	4 327 221	4 054 273	4 240 437

transactions

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012 ^r	2013
6 980 987	7 341 705	8 325 717	9 304 061	9 208 653	7 799 167	10 001 116	10 413 312	10 325 648	10 618 359
7 755	8 560	9 597	11 495	11 478	12 429	12 849	14 941	16 733	18 947
509 847	551 162	619 526	760 316	722 539	660 294	723 418	716 863	748 337	731 538
105 960	111 436	124 829	149 731	174 256	162 041	166 179	163 465	161 259	183 159
7 604 549	8 012 863	9 079 669	10 225 603	10 116 926	8 633 931	10 903 562	11 308 581	11 251 977	11 552 003
6 562 038	6 823 254	7 576 839	8 276 928	8 588 443	6 720 053	9 050 884	9 495 265	9 254 141	9 255 835
17 415	15 993	13 208	11 922	12 078	10 677	11 425	13 408	12 113	10 720
128 088	252 863	304 216	427 123	407 293	248 052	295 203	330 024	298 766	319 604
233 815	248 647	252 847	274 764	262 489	232 946	251 941	272 235	238 853	272 382
6 941 356	7 340 757	8 147 110	8 990 737	9 270 303	7 211 728	9 609 453	10 110 932	9 803 873	9 858 541
663 193	672 106	932 559	1 234 866	846 623	1 422 203	1 294 109	1 197 649	1 448 104	1 693 462

Table 100. Government final

Item	2003	2004	2005	2006
By function				
1. General public services	185 531	187 548	191 459	176 125
2. Defence	237 391	267 832	253 719	238 693
3. Public order and safety	135 941	139 316	146 674	152 601
4. Economic affairs	200 957	197 870	205 259	216 183
5. Environmental protection	40 533	41 218	36 488	43 201
6. Housing and community amenities	8 324	19 895	21 993	18 404
7. Health	26 762	27 607	29 224	29 784
8. Recreation, culture, and religion	23 520	22 710	23 311	26 402
9. Education	323 799	330 175	340 996	352 628
10. Social protection	233 667	210 701	214 111	215 275
Government final consumption expenditure	1 416 425	1 444 872	1 463 234	1 469 296

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

Table 101. Private final consumption expenditure

Item	1997	1998	1999	2000	2001	2002
Private final consumption expenditure	4 967 841	5 351 560	5 665 865	5 987 733	6 027 593	6 237 569
By purpose						
A. Final consumption expenditure of households	4 910 082	5 247 202	5 601 026	5 908 748	5 945 455	6 147 077
1. Food and non-alcoholic beverages	585 836	640 681	674 212	699 434	704 838	723 129
2. Alcoholic beverages and tobacco	122 033	126 032	127 270	127 078	125 081	137 907
3. Clothing and footwear	270 728	276 118	287 227	296 210	296 846	306 597
4. Housing, water, electricity, gas and other fuels	1 007 868	1 062 935	1 106 676	1 140 211	1 160 623	1 161 230
5. Furnishings, household equipment and routine household maintenance	223 098	242 623	251 301	263 790	261 261	276 518
6. Health	373 197	409 417	445 716	468 162	490 076	525 273
7. Transport	619 389	642 596	622 392	662 742	641 656	655 799
8. Communication	132 241	159 915	209 736	235 650	239 571	259 604
9. Recreation and culture	360 314	391 354	436 590	483 260	486 474	511 835
10. Education	242 352	257 584	274 687	293 520	311 297	324 417
11. Restaurants and hotels	303 655	332 297	354 323	383 954	385 449	385 582
12. Miscellaneous goods and services	669 371	705 650	810 896	854 737	842 283	879 186
B. Final consumption expenditure of NPISHs	57 759	104 358	64 839	78 985	82 138	90 492
By type						
A. Durable goods	504 962	561 693	616 225	645 227	655 731	700 243
B. Semi-durable goods	606 870	604 104	634 424	664 346	661 275	686 535
C. Non-durable goods	1 160 126	1 256 412	1 312 827	1 386 032	1 397 785	1 436 474
D. Services	2 695 883	2 929 351	3 102 389	3 292 128	3 312 802	3 414 317
Private actual final consumption	5 428 163	5 821 697	6 161 855	6 508 427	6 545 786	6 766 379
A. Private final consumption expenditure	4 967 841	5 351 560	5 665 865	5 987 733	6 027 593	6 237 569
B. Individual consumption expenditure of government	460 322	470 137	495 990	520 694	518 193	528 810

consumption expenditure

Million NT\$

2007	2008	2009	2010	2011 ^r	2012
176 621	182 826	174 016	172 426	179 934	185 553
249 369	263 630	278 241	274 313	287 141	293 482
154 127	158 871	162 351	167 036	175 768	174 671
235 585	253 282	265 384	277 194	284 417	287 888
44 483	44 881	47 326	48 315	52 305	47 790
23 025	16 675	24 517	23 180	19 514	25 422
28 861	29 371	33 327	37 422	33 581	35 399
23 962	28 007	31 247	29 940	31 655	34 524
367 090	376 899	396 894	416 449	440 242	461 384
217 979	209 192	206 695	195 826	191 991	200 369
1 521 102	1 563 634	1 619 998	1 642 101	1 696 548	1 746 482

and private actual final consumption

Million NT\$

2003	2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012
6 398 604	6 808 382	7 090 739	7 248 344	7 506 467	7 609 995	7 573 582	7 924 534	8 235 409	8 465 030
6 317 280	6 720 308	6 995 353	7 150 211	7 412 196	7 502 473	7 459 789	7 803 287	8 122 443	8 351 222
753 775	798 436	862 890	885 394	914 990	969 865	978 391	1 008 613	1 050 902	1 125 081
157 605	159 243	158 387	170 549	168 756	167 776	168 015	173 740	176 837	179 642
297 555	327 151	326 751	319 693	334 655	340 637	347 333	363 669	377 929	383 224
1 171 590	1 189 115	1 220 528	1 255 282	1 295 604	1 334 568	1 348 761	1 380 033	1 410 044	1 432 346
288 625	311 984	329 554	345 285	361 286	366 908	355 441	372 986	391 622	394 565
552 375	594 186	626 961	645 441	679 179	708 184	740 924	767 810	791 791	816 826
677 780	756 739	828 346	796 453	814 095	800 892	792 245	879 649	973 540	1 010 780
272 101	286 865	299 903	301 605	301 655	300 047	296 355	298 668	316 316	322 545
508 915	577 680	604 447	641 860	681 345	693 838	676 503	722 385	765 424	780 555
328 827	334 943	339 225	342 740	346 349	348 598	349 009	349 624	353 914	354 052
387 281	399 668	426 487	447 571	466 199	474 051	482 883	519 745	562 529	586 400
920 851	984 298	971 874	998 338	1 048 083	997 109	923 929	966 365	951 595	965 206
81 324	88 074	95 386	98 133	94 271	107 522	113 793	121 247	112 966	113 808
722 415	797 103	856 956	801 505	815 299	784 368	782 823	839 174	925 035	941 218
683 683	740 208	756 073	765 457	793 133	806 422	800 634	838 829	874 953	884 216
1 520 986	1 620 053	1 723 985	1 806 753	1 868 466	1 944 851	1 933 899	2 027 789	2 126 527	2 229 016
3 471 520	3 651 018	3 753 725	3 874 629	4 029 569	4 074 354	4 056 226	4 218 742	4 308 894	4 410 580
6 954 255	7 355 411	7 650 058	7 810 754	8 081 730	8 187 998	8 158 193	8 509 596	8 835 699	9 090 274
6 398 604	6 808 382	7 090 739	7 248 344	7 506 467	7 609 995	7 573 582	7 924 534	8 235 409	8 465 030
555 651	547 029	559 319	562 410	575 263	578 003	584 611	585 062	600 290	625 244

Table 102. Gross capital

Item	1998	1999	2000	2001	2002
					At Current
A. By type of capital goods					
a. Gross fixed capital formation	2 302 142	2 351 957	2 524 443	2 033 527	2 057 650
1. Residential building	226 156	200 013	188 428	160 295	181 625
2. Non-residential building	376 954	359 975	357 609	331 146	367 247
3. Other construction except land improvement	441 060	447 601	428 051	362 295	356 666
4. Land improvement and plantation and orchard development	20 574	23 853	24 992	30 487	21 483
5. Transport equipment	187 839	139 522	152 216	156 725	129 232
6. Machinery and equipment	960 826	1 062 696	1 233 259	854 403	853 519
7. Breeding stock, draught animals, dairy cattle and the like	365	3 929	2 251	562	941
8. Intangible fixed assets	88 368	114 368	137 637	137 614	146 937
b. Changes in inventories	90 373	57 197	91 197	- 63 208	- 43 864
Gross capital formation	2 392 515	2 409 154	2 615 640	1 970 319	2 013 786
B. By kind of activity					
a. Gross fixed capital formation	2 302 142	2 351 957	2 524 443	2 033 527	2 057 650
1. Agriculture, forestry, fishing and animal husbandry	22 668	26 510	16 054	17 867	16 089
2. Mining and quarrying	4 371	4 226	3 907	2 965	2 512
3. Manufacturing	713 177	773 342	1 012 017	684 688	699 627
4. Electricity and gas supply	137 974	155 471	139 959	129 650	122 635
5. Water supply and remediation services	12 465	14 711	12 397	12 176	14 158
6. Construction	24 307	23 534	24 573	20 328	21 228
7. Wholesale and retail trade	132 942	125 640	129 545	112 601	121 881
8. Transportation and storage	132 335	103 186	108 397	115 599	134 991
9. Accommodation and food services	19 357	20 386	21 552	18 541	18 619
10. Information and communication	123 704	130 552	137 878	121 261	113 447
11. Finance and insurance	101 827	115 655	94 123	88 001	89 577
12. Real estate	242 712	215 496	201 694	171 625	198 689
13. Professional, scientific and technical services	14 274	11 227	8 485	9 228	11 191
14. Support services	24 616	21 256	23 876	16 666	16 460
15. Public administration and defence	455 748	467 849	449 418	411 041	362 262
16. Education	69 934	69 534	65 416	44 956	46 976
17. Human health and social work services	36 157	38 632	35 646	26 674	33 373
18. Arts, entertainment and recreation	21 665	21 199	23 280	9 168	17 339
19. Other services	11 909	13 551	16 226	20 492	16 596
b. Changes in inventories	90 373	57 197	91 197	- 63 208	- 43 864
Gross capital formation	2 392 515	2 409 154	2 615 640	1 970 319	2 013 786
C. By type of owner					
a. Gross fixed capital formation	2 302 142	2 351 957	2 524 443	2 033 527	2 057 650
1. Private enterprises	1 579 006	1 587 639	1 799 432	1 354 465	1 437 636
2. Public enterprises	223 538	248 402	236 472	237 910	230 141
3. General government	499 598	515 916	488 539	441 152	389 873
b. Changes in inventories	90 373	57 197	91 197	- 63 208	- 43 864
1. Private enterprises	113 080	38 371	85 683	- 50 775	- 50 498
2. Public enterprises	- 22 707	18 826	5 514	- 12 433	6 634
Gross capital formation	2 392 515	2 409 154	2 615 640	1 970 319	2 013 786

formation

Million NT\$

2003	2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012
Prices									
2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 665 928	2 353 579	2 888 204	2 865 969	2 772 387
175 308	215 153	212 351	235 691	256 786	253 919	187 723	267 156	336 430	368 752
373 076	454 268	468 017	537 388	565 218	541 110	431 358	520 015	564 532	583 708
346 010	377 308	401 290	391 760	396 925	446 831	454 900	439 261	396 360	341 187
27 661	25 622	25 530	29 683	29 675	39 143	33 300	42 237	27 815	26 683
123 514	152 282	201 728	147 079	150 785	106 072	114 483	156 696	163 812	166 935
918 478	1 197 071	1 156 912	1 223 670	1 275 461	1 093 491	943 723	1 257 245	1 170 358	1 079 735
2 073	1 816	1 771	1 484	492	1 009	406	374	514	430
151 162	169 389	167 852	163 915	166 011	184 353	187 686	205 220	206 148	204 957
12 304	100 180	32 404	46 283	14 456	160 383	- 145 180	147 028	- 6 899	21 693
2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 826 311	2 208 399	3 035 232	2 859 070	2 794 080
2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 665 928	2 353 579	2 888 204	2 865 969	2 772 387
16 661	13 088	16 990	13 640	8 516	10 597	12 369	17 336	11 126	16 737
2 616	1 907	2 330	2 348	2 700	2 502	2 490	2 483	2 299	2 242
756 276	1 093 562	1 090 852	1 210 774	1 304 486	1 089 666	805 799	1 214 910	1 137 989	1 044 611
128 361	122 745	141 010	144 194	148 780	160 871	149 689	154 707	128 300	117 562
13 309	10 847	12 598	14 080	15 141	17 202	23 349	24 885	21 102	21 839
19 854	21 924	23 326	24 465	26 634	26 860	25 881	28 208	29 607	29 880
134 725	168 005	180 692	193 688	201 678	222 657	228 776	247 520	252 336	239 924
151 853	193 383	201 425	140 301	131 324	64 501	61 423	82 949	88 767	97 799
19 725	21 609	23 218	26 203	28 258	32 415	28 271	34 224	36 497	39 802
90 694	91 386	70 533	71 896	71 026	83 497	72 899	76 159	79 197	91 689
85 573	97 266	96 216	97 696	80 031	84 394	88 499	73 121	81 957	85 947
191 936	233 617	230 969	254 823	279 219	276 775	210 508	294 354	367 025	403 419
17 097	20 598	18 997	19 613	20 682	24 991	28 587	30 350	29 807	32 695
15 453	17 056	22 923	25 494	28 432	24 951	25 847	36 589	44 650	46 071
350 706	356 351	372 367	347 200	353 421	399 070	442 153	437 193	405 475	352 478
51 000	54 036	54 739	60 430	60 745	61 602	63 293	56 068	68 654	67 409
38 524	43 788	48 351	57 257	52 039	52 984	54 333	47 691	50 346	50 216
16 780	15 110	13 336	11 390	12 198	13 694	14 215	12 948	13 189	14 570
16 139	16 631	14 579	15 178	16 043	16 699	15 198	16 509	17 646	17 497
12 304	100 180	32 404	46 283	14 456	160 383	- 145 180	147 028	- 6 899	21 693
2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 826 311	2 208 399	3 035 232	2 859 070	2 794 080
2 117 282	2 592 909	2 635 451	2 730 670	2 841 353	2 665 928	2 353 579	2 888 204	2 865 969	2 772 387
1 504 363	2 012 959	2 021 011	2 151 566	2 242 734	2 010 137	1 639 345	2 159 564	2 186 554	2 166 259
223 030	185 233	208 435	194 176	202 505	209 790	222 454	241 316	211 303	194 868
389 889	394 717	406 005	384 928	396 114	446 001	491 780	487 324	468 112	411 260
12 304	100 180	32 404	46 283	14 456	160 383	- 145 180	147 028	- 6 899	21 693
21 450	94 503	23 153	16 115	- 3 077	162 170	- 154 187	150 433	- 1 667	- 5 616
- 9 146	5 677	9 251	30 168	17 533	- 1 787	9 007	- 3 405	- 5 232	27 309
2 129 586	2 693 089	2 667 855	2 776 953	2 855 809	2 826 311	2 208 399	3 035 232	2 859 070	2 794 080

Table 102. Gross capital

Item	1998	1999	2000	2001	2002
					At 2006
A. By type of capital goods					
a. Gross fixed capital formation	2 572 641	2 622 123	2 812 736	2 309 094	2 334 948
1. Residential building	291 919	259 580	245 813	211 203	234 327
2. Non-residential building	488 296	468 897	468 034	437 386	474 375
3. Other construction except land improvement	578 300	589 305	565 322	481 391	462 391
4. Land improvement and plantation and orchard development	26 997	31 409	33 020	40 480	27 834
5. Transport equipment	207 868	155 521	167 757	162 774	135 054
6. Machinery and equipment	891 865	1 002 184	1 198 520	845 924	859 313
7. Breeding stock, draught animals, dairy cattle and the like	339	3 705	2 188	556	947
8. Intangible fixed assets	87 057	111 522	132 082	129 380	140 707
b. Changes in inventories	114 666	74 486	107 491	- 80 627	- 59 812
Gross capital formation	2 687 307	2 696 609	2 920 227	2 228 467	2 275 136
B. By kind of activity					
a. Gross fixed capital formation	2 572 641	2 622 123	2 812 736	2 309 094	2 334 948
1. Agriculture, forestry, fishing and animal husbandry	26 911	31 114	18 826	22 021	19 104
2. Mining and quarrying	4 430	4 395	4 023	3 058	2 619
3. Manufacturing	719 388	787 048	1 045 491	733 647	746 778
4. Electricity and gas supply	140 956	153 285	141 475	132 800	125 893
5. Water supply and remediation services	12 167	14 801	12 476	12 479	14 586
6. Construction	24 921	24 154	25 107	20 490	22 775
7. Wholesale and retail trade	146 873	140 527	144 539	124 281	134 567
8. Transportation and storage	146 606	113 798	120 967	124 645	156 781
9. Accommodation and food services	21 020	22 241	23 399	19 949	20 158
10. Information and communication	133 197	139 526	146 514	130 384	122 895
11. Finance and insurance	107 402	122 810	97 805	90 005	94 761
12. Real estate	311 657	277 844	261 075	223 861	254 349
13. Professional, scientific and technical services	15 593	11 732	9 113	9 704	12 249
14. Support services	26 112	22 509	25 396	17 340	17 370
15. Public administration and defence	573 467	588 647	571 584	525 621	455 057
16. Education	82 727	82 937	78 481	53 734	55 860
17. Human health and social work services	40 839	44 694	41 260	31 674	39 163
18. Arts, entertainment and recreation	25 033	24 963	27 136	11 124	20 918
19. Other services	13 342	15 098	18 069	22 277	19 065
b. Changes in inventories	114 666	74 486	107 491	- 80 627	- 59 812
Gross capital formation	2 687 307	2 696 609	2 920 227	2 228 467	2 275 136
C. By type of owner					
a. Gross fixed capital formation	2 572 641	2 622 123	2 812 736	2 309 094	2 334 948
1. Private enterprises	1 718 383	1 715 782	1 942 038	1 495 667	1 602 129
2. Public enterprises	228 302	259 953	251 296	251 149	244 670
3. General government	625 956	646 388	619 402	562 278	488 149
b. Changes in inventories	114 666	74 486	107 491	- 80 627	- 59 812
1. Private enterprises	141 238	52 597	101 555	- 66 307	- 67 663
2. Public enterprises	- 26 572	21 889	5 936	- 14 320	7 851
Gross capital formation	2 687 307	2 696 609	2 920 227	2 228 467	2 275 136

formation (continued)

Million NT\$

2003	2004	2005	2006	2007	2008	2009	2010	2011 ^r	2012
Constant Prices									
2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 406 517	2 135 815	2 586 880	2 526 697	2 425 259
216 111	232 348	227 772	235 691	244 532	219 987	175 831	243 853	297 789	323 885
460 220	490 835	502 426	537 388	535 363	465 068	399 260	469 722	494 747	507 929
427 440	408 398	431 974	391 760	368 811	371 796	404 276	380 555	333 339	284 286
34 167	27 741	27 491	29 683	27 346	32 129	29 454	36 265	23 109	22 084
127 195	153 651	203 967	147 079	150 816	106 612	114 395	155 869	161 104	161 535
914 915	1 172 005	1 164 104	1 223 670	1 254 912	1 029 843	826 631	1 098 374	1 013 941	925 154
2 065	1 778	1 782	1 484	484	950	356	327	445	368
150 369	171 299	169 184	163 915	163 536	180 132	185 612	201 915	202 223	200 018
12 679	104 189	34 223	46 283	12 867	134 441	- 133 949	152 057	25 959	11 091
2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 540 958	2 001 866	2 738 937	2 552 656	2 436 350
2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 406 517	2 135 815	2 586 880	2 526 697	2 425 259
19 060	13 602	17 659	13 640	8 185	9 458	11 482	16 231	9 958	15 390
2 792	1 950	2 378	2 348	2 630	2 387	2 303	2 330	2 136	2 112
789 080	1 095 378	1 114 603	1 210 774	1 271 904	1 001 970	723 508	1 079 361	998 100	906 302
129 780	121 062	142 660	144 194	145 359	148 509	131 962	136 111	110 854	101 180
13 654	10 799	12 811	14 080	14 833	15 925	20 804	22 065	18 445	19 006
21 234	22 317	23 909	24 465	26 027	24 956	24 180	26 110	26 972	26 884
145 686	172 161	185 940	193 688	196 468	203 981	214 421	229 615	229 995	216 017
175 834	202 543	209 468	140 301	127 787	61 195	59 385	78 569	82 143	89 601
21 136	22 062	23 826	26 203	27 571	30 253	26 490	31 752	33 413	36 045
93 808	90 913	71 611	71 896	69 718	78 623	65 245	67 865	69 994	79 968
89 931	98 971	98 515	97 696	78 300	80 328	85 140	70 098	78 119	81 486
235 135	251 785	247 343	254 823	266 123	240 567	197 400	269 189	325 730	355 270
18 590	20 875	19 455	19 613	20 185	23 382	26 722	27 982	27 104	29 415
16 078	17 217	23 277	25 494	28 262	24 674	25 205	35 795	43 325	44 005
421 330	381 947	398 447	347 200	327 154	331 241	387 664	374 547	339 556	292 583
58 123	56 117	57 156	60 430	58 041	54 080	56 884	49 200	58 761	57 591
43 663	45 375	50 389	57 257	50 117	47 857	49 835	43 180	44 546	44 099
19 342	15 748	14 018	11 390	11 671	12 063	12 953	11 652	11 602	12 644
18 226	17 233	15 235	15 178	15 465	15 068	14 232	15 228	15 944	15 661
12 679	104 189	34 223	46 283	12 867	134 441	- 133 949	152 057	25 959	11 091
2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 540 958	2 001 866	2 738 937	2 552 656	2 436 350
2 332 482	2 658 055	2 728 700	2 730 670	2 745 800	2 406 517	2 135 815	2 586 880	2 526 697	2 425 259
1 632 973	2 051 286	2 082 679	2 151 566	2 180 819	1 841 121	1 506 982	1 955 395	1 950 478	1 914 470
233 172	185 133	212 475	194 176	197 228	193 315	197 443	213 460	183 587	168 731
466 337	421 636	433 546	384 928	367 753	372 081	431 390	418 025	392 632	342 058
12 679	104 189	34 223	46 283	12 867	134 441	- 133 949	152 057	25 959	11 091
23 110	98 258	25 287	16 115	- 6 527	135 117	- 143 100	155 540	28 081	- 7 110
- 10 431	5 931	8 936	30 168	19 394	- 676	9 151	- 3 483	- 2 122	18 201
2 345 161	2 762 244	2 762 923	2 776 953	2 758 667	2 540 958	2 001 866	2 738 937	2 552 656	2 436 350

Table 103. Disposable income, consumption

Item	1997	1998	1999	2000	2001	2002	2003
Average disposable income per household	863 427	873 175	889 053	891 445	868 651	875 919	881 662
By disposable income quintile							
Lowest 20% (a)	312 458	310 865	317 001	315 172	279 404	292 113	296 297
Second 20%	557 429	560 766	573 853	571 355	524 766	538 584	545 465
Third 20%	753 919	765 375	778 496	778 556	740 054	743 888	745 231
Fourth 20%	1 003 815	1 014 770	1 031 669	1 043 508	1 013 478	1 005 274	1 021 325
Highest 20% (b)	1 689 517	1 714 097	1 744 245	1 748 633	1 785 550	1 799 733	1 799 992
(b)/(a) (Times)	5.41	5.51	5.50	5.55	6.39	6.16	6.07
Average consumption expenditure per household	634 477	646 343	655 282	662 722	657 872	672 619	666 372
By disposable income quintile							
Lowest 20%	292 464	288 889	290 266	300 440	283 920	302 415	294 645
Second 20%	487 183	496 500	497 548	502 783	480 451	500 714	491 137
Third 20%	612 672	632 744	638 566	634 736	629 430	647 533	650 448
Fourth 20%	747 747	763 930	777 298	780 907	792 556	804 065	802 983
Highest 20%	1 032 317	1 049 654	1 072 735	1 094 744	1 103 002	1 108 368	1 092 645
Percent distribution of total expenditures							
Food, beverage and tobacco	19.18	18.96	18.22	17.33	17.29	17.17	16.86
Clothing and footwear	4.52	4.50	4.10	3.85	3.66	3.57	3.53
Housing, water, electricity, gas and other fuels	25.46	25.61	25.33	25.62	25.08	24.23	24.38
Furnishings, household equipment and routine household maintenance	3.07	2.84	2.76	2.66	2.59	2.47	2.43
Health	9.92	10.25	10.89	11.01	11.43	12.16	12.52
Transport and communication	10.91	11.03	11.56	11.86	12.12	12.67	12.50
Recreation, culture and education	11.65	11.52	11.63	12.06	12.04	12.20	11.99
Restaurants and hotels	8.66	8.87	8.93	8.92	8.98	8.78	8.92
Miscellaneous goods and services	6.63	6.41	6.58	6.69	6.82	6.75	6.88
Average savings per household	228 951	226 831	233 770	228 723	210 779	203 300	215 290
By disposable income quintile							
Lowest 20%	19 994	21 976	26 735	14 733	- 4 516	- 10 302	1 652
Second 20%	70 245	64 267	76 305	68 572	44 315	37 871	54 328
Third 20%	141 247	132 630	139 931	143 820	110 623	96 355	94 783
Fourth 20%	256 068	250 840	254 371	262 601	220 922	201 210	218 342
Highest 20%	657 199	664 443	671 511	653 888	682 548	691 365	707 347

expenditure and savings of households

NT\$

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
891 249	894 574	913 092	923 874	913 687	887 605	889 353	907 988	923 584	942 208
297 305	297 694	304 274	312 145	303 517	282 260	288 553	296 352	301 362	309 459
555 452	556 117	564 865	571 128	564 893	544 532	542 741	546 903	566 814	583 287
775 719	779 044	795 427	799 418	796 225	771 572	773 468	786 324	810 075	823 937
1 035 972	1 043 131	1 073 507	1 069 885	1 068 804	1 049 242	1 054 693	1 083 008	1 093 553	1 111 674
1 791 796	1 796 884	1 827 387	1 866 791	1 834 994	1 790 418	1 787 312	1 827 354	1 846 116	1 882 680
6.03	6.04	6.01	5.98	6.05	6.34	6.19	6.17	6.13	6.08
692 648	701 076	713 024	716 094	705 413	705 680	702 292	729 010	727 693	747 922
295 476	299 642	304 091	313 309	309 419	312 957	309 078	325 660	327 157	331 391
513 243	516 758	524 833	530 417	522 744	520 079	508 446	522 084	531 922	545 713
678 420	688 550	702 656	699 698	687 699	674 549	680 747	695 209	700 722	715 675
831 215	861 302	860 439	868 505	849 967	856 788	849 369	875 496	880 096	902 072
1 144 888	1 139 131	1 173 099	1 168 540	1 157 234	1 164 025	1 163 820	1 226 601	1 198 566	1 244 759
16.44	16.20	16.13	16.48	16.40	16.68	16.64	16.22	16.54	16.30
3.48	3.41	3.37	3.27	3.18	3.19	3.23	3.10	3.03	2.98
23.52	23.77	23.67	23.91	24.23	24.30	24.57	24.39	24.36	24.27
2.57	2.51	2.41	2.48	2.47	2.53	2.48	2.49	2.50	2.46
12.74	13.19	13.75	14.11	14.35	14.45	14.39	14.62	14.55	14.67
12.96	12.97	12.79	12.90	12.38	12.73	12.52	13.00	13.02	13.37
12.07	11.75	11.53	11.23	11.29	11.04	11.01	10.39	10.01	9.73
9.14	9.32	9.31	9.67	10.08	9.37	9.71	10.16	10.58	10.57
7.08	6.88	7.03	5.95	5.62	5.71	5.45	5.63	5.41	5.65
198 600	193 497	200 068	207 780	208 274	181 925	187 061	178 978	195 891	194 286
1 829	- 1 948	183	- 1 164	- 5 902	- 30 697	- 20 525	- 29 308	- 25 795	- 21 932
42 208	39 360	40 032	40 711	42 149	24 453	34 295	24 819	34 891	37 575
97 299	90 494	92 770	99 720	108 525	97 023	92 720	91 114	109 353	108 262
204 757	181 829	213 067	201 380	218 837	192 454	205 324	207 512	213 457	209 603
646 909	657 753	654 288	698 251	677 760	626 394	623 492	600 753	647 550	637 921

Table 104. Average family income

Item	General average	Disposable	
		Lowest 20 percent	Second 20 percent
No. of households (households)	8 191 640	1 638 328	1 638 328
No. of persons per household (persons)	3.21	1.80	2.72
No. of adults per household (persons)	2.57	1.63	2.19
No. of persons employed per household (persons)	1.46	0.51	1.04
No. of income recipients per household (persons)	1.71	1.07	1.29
A. Total receipts	1 140 271	368 448	700 301
1. Compensation of employees	655 707	89 598	331 791
2. Entrepreneurial income	149 970	32 097	75 350
3. Property income	46 161	13 741	24 392
4. Imputed rent income	68 845	37 983	56 270
5. Current transfer receipts	219 444	194 756	212 318
(1) From individuals	62 520	80 668	75 583
(2) From government	48 607	59 976	52 971
(3) Benefit of social insurance	105 454	53 785	82 108
(4) From enterprises	1 977	282	615
(5) From abroad	886	44	1 041
6. Miscellaneous receipts	145	274	181
B. Nonconsumption expenditures	198 063	58 989	117 014
1. Interest	12 359	3 197	8 180
2. Current transfer expenditures	185 704	55 792	108 834
(1) To private	45 660	17 131	26 872
(2) To government	31 530	6 964	13 605
(3) Social insurance	106 319	31 030	67 074
(4) To abroad	2 196	666	1 283
C. Consumption expenditures	747 922	331 391	545 713
1. Food and non-alcoholic beverages	112 786	62 076	93 130
2. Tobacco, alcoholic beverages and betel nuts	9 117	4 698	7 962
3. Clothing and footwear	22 295	6 808	13 482
4. Housing, water, electricity, gas and other fuels	181 527	108 385	154 446
5. Furnishings, household equipment and routine household maintenance	18 392	6 723	11 391
6. Health	109 711	54 694	82 887
7. Transport	73 502	20 877	45 264
8. Communication	26 508	8 980	18 423
9. Recreation and culture	39 541	11 830	21 264
10. Education	33 216	3 882	17 612
11. Restaurants and hotels	79 034	28 524	53 874
12. Miscellaneous goods and services	42 294	13 913	25 976
Disposable income	942 208	309 459	583 287
Consumption expenditures	747 922	331 391	545 713
Saving	194 286	- 21 932	37 575
Current receipts	1 195 566	401 695	745 945

and expenditure per household, 2013

NT\$

income quintile			Farm and non-farm	
Third 20 percent	Fourth 20 percent	Highest 20 percent	Farm	Non-farm
1 638 328	1 638 328	1 638 328	837 838	7 353 802
3.40	3.93	4.19	3.43	3.18
2.65	3.05	3.33	2.82	2.54
1.54	1.94	2.29	1.84	1.42
1.68	2.04	2.46	1.81	1.70
994 301	1 345 761	2 292 543	947 609	1 162 221
561 207	824 170	1 471 768	377 065	687 453
132 670	184 937	324 794	235 233	140 255
31 294	43 142	118 233	37 432	47 155
67 386	78 361	104 225	52 248	70 736
201 627	215 063	273 456	245 408	216 486
56 336	49 920	50 091	55 191	63 355
46 564	46 163	37 361	81 006	44 915
96 896	116 054	178 428	106 607	105 323
1 186	1 968	5 834	2 524	1 915
646	957	1 743	79	978
116	87	67	224	136
170 363	234 087	409 863	143 652	204 262
12 271	14 910	23 236	3 383	13 381
158 093	219 176	386 627	140 270	190 881
37 290	53 220	93 785	37 287	46 613
20 351	31 332	85 396	23 110	32 489
99 216	133 321	200 957	78 504	109 488
1 236	1 304	6 489	1 369	2 290
715 675	902 072	1 244 759	640 490	760 162
114 542	134 655	159 529	115 633	112 462
9 503	11 371	12 050	12 133	8 774
19 900	27 991	43 294	17 966	22 789
177 727	203 912	263 163	127 126	187 725
15 523	20 833	37 489	13 891	18 905
103 767	131 106	176 100	115 983	108 996
69 134	92 894	139 337	68 773	74 040
26 616	34 456	44 066	21 107	27 124
31 097	44 532	88 979	25 061	41 190
34 895	48 811	60 879	26 403	33 992
77 684	100 565	134 524	60 327	81 166
35 286	50 946	85 349	36 087	43 001
823 937	1 111 674	1 882 680	803 957	957 959
715 675	902 072	1 244 759	640 490	760 162
108 262	209 603	637 921	163 467	197 797
1 046 566	1 407 811	2 375 813	984 532	1 219 610

Table 105. Transactions table at purchasers'

Kind of industries		AA	AB	AC	AD	B	CA	CB	CC
Kind of commodities		Agriculture, horticulture and agrarian services	Animal husbandry	Forestry	Fishing	Mining and quarrying	Food manufacturing	Beverages and tobacco manufacturing	Textile mills
01	Agricultural products	49 362	13 576	0	817	0	160 338	5 762	11 920
02	Livestock	1 903	14 418	0	21	0	120 487	319	1 710
03	Forest products	205	40	178	1	0	69	1	8
04	Fishery products	0	235	0	6 326	0	12 444	195	0
05	Minerals	0	6	0	18	73 532	1 411	62	675
06	Process foods	303	108 839	0	14 168	0	142 129	9 388	615
07	Beverages	7	83	0	0	0	938	1 889	0
08	Tobacco	0	0	0	0	0	0	5 224	0
09	Textile mill products	412	30	3	2 679	74	711	19	151 271
10	Wearing apparel and clothing accessories	45	0	2	17	0	21	17	260
11	Leather, fur and related products	0	0	0	0	0	0	1	320
12	Wood and related products	518	140	0	384	422	329	36	146
13	Pulp, paper and paper products	355	49	0	105	15	9 681	4 775	2 493
14	Printing and reproduction of recorded media	96	52	0	237	13	518	374	229
15	Petroleum and coal products	5 105	352	56	25 915	18 209	8 841	1 913	12 694
16	Chemical materials	16 945	25	5	36	119	3 516	3 774	83 691
17	Chemical products	6 272	117	7	217	1 370	2 971	1 328	17 814
18	Medicines	844	2 917	0	336	20	2 810	156	10
19	Rubber products	205	393	0	0	489	138	7	2 654
20	Plastic products	2 491	122	2	246	153	12 729	3 969	3 265
21	Non-metallic mineral products	95	0	1	10	111	1 521	1 497	2 862
22	Iron and steel products	2	5	0	162	535	7	1	122
23	Miscellaneous metals	0	0	0	0	0	1 264	797	103
24	Fabricated metal products	947	1 107	9	24	610	5 381	9 774	909
25	Electronic parts and components	0	0	0	0	0	7	2	30
26	Computers, electronic and optical products	4	0	0	0	141	44	8	55
27	Electrical equipment	53	0	4	76	139	50	3	124
28	Mechanical equipment	1 151	229	4	689	3 771	1 314	343	2 677
29	Motor vehicles and parts	3	2	2	1	35	84	8	146
30	Other transport equipment	0	0	0	1 562	0	11	0	2
31	Furniture	0	0	0	0	3	0	0	5
32	Other manufactures & repair and maintenance of industrial machinery and equipment	159	1	0	4 623	634	1 449	1 171	2 260
33	Electricity supply	930	1 784	9	2 231	2 789	9 816	1 566	14 136
34	Gas supply	4	11	6	0	19	542	55	365
35	Water supply	13	278	0	19	110	221	107	438
36	Remediation services	41	322	0	0	0	811	776	799
37	Construction	580	182	7	100	565	946	296	1 358
38	Wholesale and retail trade	0	0	0	521	85	3 053	498	1 320
39	Transportation and storage	65	0	28	1 702	207	2 787	298	2 007
40	Accommodation and food services	249	0	32	66	126	1 327	122	1 725
41	Mass communication services	6	3	1	27	24	217	48	140
42	Telecommunication services	29	0	3	198	156	815	90	782
43	Data processing & information services	0	0	0	11	50	1 243	156	496
44	Finance and insurance services	971	2 224	35	645	585	6 438	713	5 448
45	Real estate services	0	0	0	368	82	1 529	82	560
46	Professional, scientific and technical services	1 610	613	1	142	1 368	15 121	3 393	6 483
47	Support services	6	1	2	45	846	2 512	394	1 377
48	Public administration services	1 024	628	60	1 554	308	2 513	925	765
49	Education services	53	235	3	20	2	470	32	328
50	Human health and social work services	65	342	6	155	0	263	14	258
51	Arts, entertainment and recreation services	0	0	0	0	3	137	9	90
52	Other services	53	5	12	286	230	1 622	402	1 659
01-52	Intermediate inputs	93 181	149 366	478	66 760	107 950	543 596	62 789	339 604
53	Compensation of employees	34 965	2 492	1 304	21 679	13 683	56 673	15 547	58 017
54	Operating surplus	167 645	10 530	666	19 575	25 907	22 050	15 986	12 227
55	Consumption of fixed capital	9 624	2 303	313	3 086	3 417	10 170	4 328	9 125
56	Net indirect taxes	- 21 974	- 114	- 490	- 2 432	1 300	3 814	55 060	745
53-56	Primary inputs	190 260	15 211	1 793	41 908	44 307	92 707	90 921	80 114
01-56	Total inputs	283 441	164 577	2 271	108 668	152 257	636 303	153 710	419 718

prices(C x I), 2012

Million NT\$

CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN
Wearing apparel and clothing accessories manufacturing	Leather, fur and related products manufacturing	Wood and bamboo products manufacturing	Pulp, paper and paper products manufacturing	Printing and reproduction of recorded media	Petroleum and coal products manufacturing	Chemical material manufacturing	Chemical products manufacturing	Medical goods manufacturing	Rubber products manufacturing	Plastic products manufacturing
49	1	0	0	0	0	281	371	747	1	32
9	0	0	0	0	0	38	9	87	0	21
1	58	5 557	413	0	5	2	290	0	9 806	89
0	0	0	0	0	0	0	60	30	0	0
2	18	5	2 945	93	1 185 768	30 036	1 421	47	84	535
61	7 409	63	5	0	15	599	1 707	1 501	0	128
0	0	0	0	0	0	9	6	16	0	0
0	0	0	0	0	0	0	0	0	0	0
26 240	1 384	127	2 532	332	140	6 826	623	1 475	5 843	6 561
3 707	137	0	12	3	12	159	0	10	4	169
60	8 866	14	3	7	14	85	1	0	3	567
20	62	13 802	4 851	84	46	205	203	1	32	258
492	334	320	95 345	29 751	189	6 305	2 925	2 320	619	3 154
120	84	36	326	1 704	116	456	296	113	4	321
794	563	993	9 533	1 477	108 963	462 182	4 777	948	2 602	3 933
413	2 534	723	7 171	4 167	6 459	1 245 771	78 200	2 811	28 696	153 870
82	2 243	1 010	7 919	10 363	7 569	26 644	56 591	1 502	5 999	19 481
0	5	0	0	0	27	15	35	28 075	0	5
145	107	79	348	84	330	483	38	51	8 431	3 037
650	1 446	748	5 430	3 182	1 149	5 983	5 639	1 917	981	38 817
1	4	11	8	34	365	2 792	1 513	3 367	6	142
0	12	33	34	398	1 697	927	263	10	2 890	2 341
0	45	20	486	2 714	1 192	16 162	1 411	66	359	1 325
162	220	331	186	859	1 265	2 779	4 243	524	1 294	5 183
1	0	0	0	2	0	1 530	12	153	2	475
7	11	83	4	2 171	910	730	35	78	1	70
22	10	13	42	13	670	367	224	8	19	500
95	67	210	891	306	4 322	5 209	510	11	603	2 107
18	5	7	30	5	534	105	23	4	27	602
15	9	0	0	0	3	0	37	0	0	7
0	0	0	0	0	6	3	8	0	0	2
1 188	182	195	1 320	872	2 463	6 568	812	413	528	1 374
1 106	537	1 005	10 858	2 793	52 085	67 005	5 630	1 490	2 634	8 115
36	27	24	152	59	49	1 273	97	88	91	126
33	18	34	96	40	612	3 350	216	90	41	432
1	81	0	13 733	28	17	972	11	7	0	56
177	148	162	755	456	3 574	9 336	687	229	225	982
829	176	139	1 031	191	654	3 494	1 354	2 654	510	1 044
659	302	218	1 011	277	1 599	3 917	1 533	841	886	1 959
313	83	114	250	398	467	1 718	945	977	173	4 345
59	41	34	89	54	28	162	69	42	19	77
195	115	146	452	816	661	795	647	226	233	606
247	58	34	167	201	324	633	448	136	46	292
932	1 177	740	3 634	1 965	6 534	13 836	3 072	1 296	2 279	5 598
363	146	47	262	312	269	560	371	155	120	550
1 478	2 110	477	2 772	2 052	10 198	14 582	8 506	10 001	2 976	5 545
848	198	68	733	1 142	4 225	7 744	2 428	987	453	1 009
278	78	177	247	520	1 814	3 244	764	395	411	938
28	15	20	14	12	50	93	74	163	0	13
221	65	6	15	11	41	588	84	27	114	413
30	24	8	28	21	14	67	42	40	20	67
270	137	190	294	471	1 510	2 075	462	146	356	1 032
42 457	31 352	28 023	176 427	70 440	1 408 954	1 958 695	189 723	66 275	80 421	278 305
21 700	8 058	8 134	28 238	27 273	31 347	80 095	38 738	16 925	20 943	54 751
1 035	2 961	1 260	8 984	7 763	- 21 768	117 142	9 838	7 038	8 745	5 331
1 305	450	761	4 395	3 502	29 738	40 676	6 235	2 415	4 015	12 506
263	138	140	422	236	95 482	2 558	770	252	1 415	1 235
24 303	11 607	10 295	42 039	38 774	134 799	240 471	55 581	26 630	35 118	73 823
66 760	42 959	38 318	218 466	109 214	1 543 753	2 199 166	245 304	92 905	115 539	352 128

Table 105. Transactions table at purchasers¹

Kind of industries		CO	CP	CQ	CR	CS	CT	CU
Kind of commodities		Non-metallic mineral products manufacturing	Basic metal manufacturing	Fabricated metal products manufacturing	Electronic parts and components manufacturing	Computers, electronic and optical products manufacturing	Electrical equipment manufacturing	Machinery and equipment manufacturing
01	Agricultural products	30	1	2	88	0	2	216
02	Livestock	5	0	0	14	0	0	0
03	Forest products	4	9	0	125	2	6	190
04	Fishery products	0	0	0	0	0	0	0
05	Minerals	61 215	128 312	1 204	4 096	1 358	580	736
06	Process foods	123	39	2	36	13	10	29
07	Beverages	2	0	0	0	1	0	0
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	1 057	405	1 276	15 672	1 102	1 165	503
10	Wearing apparel and clothing accessories	3	6	140	826	52	22	27
11	Leather, fur and related products	1	17	439	95	211	55	550
12	Wood and related products	629	204	1 795	338	767	794	2 258
13	Pulp, paper and paper products	3 486	1 091	3 709	15 338	10 244	3 022	1 746
14	Printing and reproduction of recorded media	101	98	748	1 572	1 680	270	367
15	Petroleum and coal products	20 285	71 883	12 614	13 336	13 906	5 991	7 104
16	Chemical materials	8 942	52 446	18 959	268 637	21 966	13 146	4 176
17	Chemical products	5 560	11 735	18 628	105 539	6 420	3 888	2 628
18	Medicines	0	0	0	268	293	13	0
19	Rubber products	238	107	1 708	9 581	2 536	2 112	16 146
20	Plastic products	810	741	7 597	79 203	30 920	12 422	5 138
21	Non-metallic mineral products	48 250	10 285	2 948	23 275	8 438	2 409	3 309
22	Iron and steel products	6 269	755 370	287 478	9 296	8 956	25 518	189 854
23	Miscellaneous metals	393	270 331	83 700	111 101	11 482	80 304	32 657
24	Fabricated metal products	2 328	24 353	91 451	24 051	19 260	13 557	67 951
25	Electronic parts and components	108	324	459	1 742 586	307 749	20 753	11 740
26	Computers, electronic and optical products	99	180	500	15 499	74 993	5 262	22 732
27	Electrical equipment	308	1 262	2 344	25 496	22 007	113 108	48 797
28	Mechanical equipment	4 486	6 113	11 909	45 050	5 954	17 972	152 409
29	Motor vehicles and parts	140	132	90	246	602	856	838
30	Other transport equipment	0	13	376	44	80	269	642
31	Furniture	4	9	28	1	5	22	103
32	Other manufactures & repair and maintenance of industrial machinery and equipment	2 496	8 227	2 245	30 409	2 697	1 657	2 387
33	Electricity supply	12 870	38 685	13 332	83 264	13 087	4 189	5 479
34	Gas supply	1 884	1 272	700	6 390	870	449	302
35	Water supply	535	1 934	357	2 000	665	150	127
36	Remediation services	871	50 142	662	1 033	1 567	219	43
37	Construction	1 502	5 117	2 710	7 901	3 689	539	1 427
38	Wholesale and retail trade	532	2 814	2 274	14 866	10 063	2 133	4 783
39	Transportation and storage	1 082	4 215	4 886	20 282	16 658	4 015	7 394
40	Accommodation and food services	610	1 200	2 559	8 505	15 792	2 146	4 143
41	Mass communication services	109	121	147	1 324	1 881	249	334
42	Telecommunication services	706	1 618	1 735	5 421	5 115	750	1 874
43	Data processing & information services	448	645	971	6 840	3 701	581	858
44	Finance and insurance services	3 695	17 195	10 350	77 085	26 160	8 305	8 864
45	Real estate services	672	490	1 544	6 209	10 062	1 055	1 597
46	Professional, scientific and technical services	4 095	7 549	8 075	209 654	107 574	15 200	16 061
47	Support services	2 292	5 191	7 808	90 269	36 387	3 585	5 741
48	Public administration services	782	1 942	4 021	6 468	3 004	1 127	1 297
49	Education services	38	2 152	603	5 177	2 225	716	169
50	Human health and social work services	147	258	374	2 654	3 712	856	431
51	Arts, entertainment and recreation services	59	95	260	291	242	94	287
52	Other services	835	4 558	5 240	10 695	4 136	908	2 122
01-52	Intermediate inputs	201 136	1 490 886	620 957	3 108 146	820 284	372 451	638 566
53	Compensation of employees	37 303	73 873	158 630	397 243	149 598	72 661	122 522
54	Operating surplus	15 241	65 652	23 489	74 910	199 832	33 170	51 656
55	Consumption of fixed capital	9 315	32 601	30 756	558 423	31 444	11 255	12 588
56	Net indirect taxes	5 058	3 146	3 181	4 730	4 356	3 755	2 718
53-56	Primary inputs	66 917	175 272	216 056	1 035 306	385 230	120 841	189 484
01-56	Total inputs	268 053	1 666 158	837 013	4 143 452	1 205 514	493 292	828 050

Notes : ¹ Including repair and installation of industrial machinery and equipment² Including sewage and waste management

prices(C x I), 2012(continued)

Million NT\$

CV	CW	CX	CY	DA	DB	EA	EB	F	GA	GB
Motor vehicles and parts manufacturing	Other transport equipment manufacturing	Furniture manufacturing	Other ¹ manufacturing	Electricity supply	Gas supply	Water supply	Remediation ² services	construction	Wholesale trade	Retail trade
0	0	0	14	5	2	10	0	917	154	1 757
0	0	0	4	0	0	0	0	0	52	327
3	0	268	814	1	1	1	0	2 791	8	0
0	0	0	0	0	0	0	0	0	6	128
306	383	74	431	342 852	35 763	94	27	45 439	20	42
0	1	0	2 574	0	0	2	0	0	732	6 153
0	0	0	0	0	0	0	0	0	7	56
0	0	0	0	0	0	0	0	0	0	0
1 286	866	1 259	11 792	1	1	0	0	532	3 047	1 531
4	14	114	307	26	0	1	0	977	15	31
2 979	81	1 624	1 369	0	0	0	0	0	357	17
726	1 592	6 603	3 150	72	35	28	2	38 893	2 487	239
1 728	1 230	797	3 304	8	3	3	8	2 200	25 555	12 660
42	38	41	452	197	3	25	0	310	9 288	5 931
3 805	2 288	641	2 486	38 204	23 371	320	2 601	19 702	59 174	29 188
5 997	4 241	2 494	14 600	6 256	140	992	808	620	1 151	93
3 865	3 257	956	2 671	173	75	67	4 015	28 703	1 055	1 372
18	0	0	0	0	0	21	0	0	65	26
9 546	8 873	201	2 399	62	4	14	7	1 203	1 652	2 282
12 621	3 525	3 241	10 195	56	132	231	3 167	22 134	27 236	25 206
4 648	907	927	1 131	1 127	551	303	52	203 073	153	94
34 573	25 325	13 768	14 469	906	422	279	7 721	186 442	2 685	830
16 550	17 442	2 139	10 564	23	6	5	5 413	4 294	95	81
15 552	9 995	4 838	13 119	481	210	210	869	137 483	2 011	1 185
4 660	1 661	39	4 646	24	1	1	5 963	367	977	478
2 728	4 002	14	1 465	169	117	44	2 848	6 922	1 108	432
12 537	4 117	196	5 174	1 410	278	152	372	82 750	2 507	1 446
8 076	11 416	783	29 419	1 426	276	309	4 377	49 633	9 318	760
187 443	1 052	28	84	2	0	6	5	5	3 173	9 784
8 329	109 360	89	6 550	0	0	0	13	3	6 142	3 007
287	649	6 165	115	2	1	0	0	3 808	112	124
1 525	2 383	208	29 818	9 657	101	1 470	4 311	2 016	5 961	1 401
4 899	3 072	700	4 040	58 502	104	1 943	2 254	3 632	25 667	49 831
471	203	45	197	37	4	3	209	225	3 064	1 122
82	89	19	573	192	4	9 665	21	118	2 051	732
46	2	1	278	65	1	4	27 815	0	21	38
328	655	166	1 031	790	599	408	1 952	1 408	14 753	12 365
1 576	1 881	362	1 120	20	144	6	210	816	31 108	17 376
2 668	1 319	678	2 611	648	54	181	304	8 453	59 470	13 981
987	819	602	989	60	19	71	2 518	2 031	58 643	4 867
125	144	20	611	39	4	29	24	445	6 254	1 962
405	465	179	990	125	60	68	191	4 099	24 799	13 942
2 268	797	144	462	192	23	136	95	792	16 948	7 969
5 008	2 853	666	3 531	4 521	648	478	2 529	10 334	51 334	27 107
513	197	167	671	70	14	12	479	1 780	56 951	120 979
13 321	10 749	1 538	6 388	5 646	623	748	1 927	51 565	95 819	35 472
3 408	2 605	719	1 980	1 160	112	469	2 280	8 192	48 634	22 174
1 694	566	206	944	2 382	111	463	1 330	2 988	8 399	9 131
306	228	93	155	102	6	136	259	901	676	79
574	299	21	144	26	10	11	25	4 321	16 830	6 072
94	73	5	329	3	12	2	34	260	933	549
1 630	562	264	1 594	389	108	293	1 129	5 920	13 667	7 628
380 237	242 276	54 102	201 754	478 109	64 153	19 714	88 164	949 497	702 324	460 037
50 357	48 263	10 941	55 842	37 034	4 873	9 752	13 875	287 866	592 162	386 332
9 917	16 963	2 921	6 219	- 52 421	4 749	102	51 951	84 968	853 964	627 933
17 025	5 527	1 197	11 031	124 980	1 771	12 046	4 562	21 954	81 591	56 491
29 267	5 102	150	875	2 629	66	- 382	902	4 895	34 488	18 129
106 566	75 855	15 209	73 967	112 222	11 459	21 518	71 290	399 683	1 562 205	1 088 885
486 803	318 131	69 311	275 721	590 331	75 612	41 232	159 454	1 349 180	2 264 529	1 548 922

Table 105. Transactions table at purchasers'

Kind of industries		HA	HB	HC	HD	HE	IA	IB
		Land transportation	Water transportation	Air transportation	Supporting services to transportation; warehousing and storage	Postal and courier services	Accommodation services	Food and beverage services
Kind of commodities								
01	Agricultural products	4	0	0	0	0	1 832	20 809
02	Livestock	0	0	0	0	0	230	2 539
03	Forest products	2	0	0	0	0	0	0
04	Fishery products	0	0	0	0	0	82	799
05	Minerals	167	47	0	0	0	2	0
06	Process foods	0	0	0	0	0	9 175	106 564
07	Beverages	0	0	0	0	0	193	2 191
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	23	121	1	200	96	2 073	1 238
10	Wearing apparel and clothing accessories	88	0	0	0	79	144	1 395
11	Leather, fur and related products	0	0	0	0	0	1	0
12	Wood and related products	85	1	1	63	35	37	257
13	Pulp, paper and paper products	226	37	197	157	84	3 107	8 057
14	Printing and reproduction of recorded media	174	5	427	286	489	26	148
15	Petroleum and coal products	98 453	47 280	119 635	16 175	2 552	2 433	2 793
16	Chemical materials	7	0	0	0	0	3	18
17	Chemical products	111	116	64	435	157	2 876	3 381
18	Medicines	0	0	0	0	2	45	7
19	Rubber products	5 340	18	65	292	45	7	0
20	Plastic products	85	3	8	10	3	1 882	8 460
21	Non-metallic mineral products	427	0	0	0	0	538	1 344
22	Iron and steel products	975	64	7	518	26	0	0
23	Miscellaneous metals	9	0	0	0	0	1	0
24	Fabricated metal products	893	50	39	139	26	542	2 319
25	Electronic parts and components	78	26	8	84	27	25	0
26	Computers, electronic and optical products	254	99	25	124	2	112	1
27	Electrical equipment	556	52	98	275	47	104	115
28	Mechanical equipment	734	60	1 263	491	155	119	100
29	Motor vehicles and parts	4 463	68	151	555	72	103	14
30	Other transport equipment	152	1 322	611	747	4	9	8
31	Furniture	16	0	0	0	0	1	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	10 837	1 993	14 957	5 359	1 343	1 053	1 187
33	Electricity supply	5 098	137	1 192	2 951	521	4 162	5 595
34	Gas supply	214	61	60	106	21	2 760	19 132
35	Water supply	97	21	35	89	18	618	401
36	Remediation services	82	1	2	161	53	0	0
37	Construction	11 006	198	257	2 717	194	890	1 435
38	Wholesale and retail trade	1 939	4 943	15 043	4 498	1 438	634	460
39	Transportation and storage	3 989	113 746	30 158	10 319	24 136	814	879
40	Accommodation and food services	756	601	8 080	2 163	122	380	299
41	Mass communication services	519	316	355	459	77	472	483
42	Telecommunication services	1 068	175	650	1 364	374	1 368	1 552
43	Data processing & information services	341	375	348	731	94	1 300	2 305
44	Finance and insurance services	4 886	3 294	4 055	3 146	1 122	2 518	3 788
45	Real estate services	1 189	1 028	636	1 948	628	2 549	10 393
46	Professional, scientific and technical services	3 603	669	2 540	4 573	1 067	2 575	5 865
47	Support services	8 256	17 500	17 314	11 979	3 195	1 931	3 512
48	Public administration services	4 854	335	177	2 158	155	148	1 418
49	Education services	41	5	145	136	65	3	0
50	Human health and social work services	52	2	370	152	46	394	367
51	Arts, entertainment and recreation services	73	21	14	159	4	26	70
52	Other services	12 442	165	619	691	203	1 946	1 431
01-52	Intermediate inputs	184 664	194 955	219 607	76 410	38 777	52 243	223 129
53	Compensation of employees	87 400	8 618	24 966	65 081	26 656	35 952	161 377
54	Operating surplus	55 072	- 6 408	6 467	55 575	5 928	18 161	60 872
55	Consumption of fixed capital	39 819	9 076	30 864	13 024	2 046	6 893	25 949
56	Net indirect taxes	3 420	366	325	2 418	48	1 578	3 419
53-56	Primary inputs	185 711	11 652	62 622	136 098	34 678	62 584	251 617
01-56	Total inputs	370 375	206 607	282 229	212 508	73 455	114 827	474 746

Notes : ³ Including publishing and audiovisual services

prices(C x I), 2012 (continued)

Million NT\$

JA	JB	JC	KA	KB	KC	LA	LB	M	NA	NB
Broadcasting ³	Telecommunica- tions	IT and other	Financial intermediation	Insurance carriers	Securities, futures and other financing	Real estate, except dwellings services	Dwellings services	Professional, scientific and technical services	Rental and leasing	Other support services
42	0	0	0	0	0	84	0	95	0	0
6	0	0	0	0	0	8	0	0	0	0
0	1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	2	0	0	0	0
0	2	0	0	0	0	0	0	0	0	0
224	0	0	0	0	0	428	0	105	0	0
4	0	0	0	0	0	7	0	5	0	0
0	0	0	0	0	0	0	0	0	0	0
262	4	11	1	0	0	44	0	2 026	0	2
229	2	1	0	0	0	14	0	891	0	0
118	0	3	0	0	0	0	0	3	0	0
669	9	38	0	0	0	6	0	1 311	0	239
19 239	126	2 816	2 146	144	861	259	0	5 359	83	5 549
18 029	1 030	855	8 851	1 744	1 489	329	0	17 798	21	4 364
1 339	605	795	823	607	293	2 743	0	4 575	4 481	3 778
0	0	0	0	0	0	1	0	2 976	0	1 099
5 209	19	191	187	315	94	180	0	10 981	0	11 870
0	14	0	0	0	0	9	0	1 588	0	0
7	0	6	1	0	0	1	0	17	84	259
1 327	33	145	22	0	0	87	0	2 851	40	495
47	10	0	0	0	0	8	0	168	0	0
91	11	36	0	0	0	65	0	210	2	0
147	0	9	0	0	0	74	0	304	0	0
666	25	338	0	0	0	106	0	1 683	11	565
1 080	321	10 760	9	2	1	83	0	3 727	617	4
10 468	5 990	13 575	286	22	86	209	0	15 000	2 114	2 164
1 062	4 830	2 455	40	5	56	783	0	3 699	687	2 255
393	16	224	765	137	313	11	0	641	857	3
16	4	103	18	6	4	19	0	83	1 384	17
1	0	19	0	0	0	0	0	21	34	20
0	0	0	0	0	0	0	0	6	0	0
1 644	279	962	1 093	584	384	299	0	3 266	1 447	742
1 725	5 512	1 803	3 482	895	879	3 406	0	5 016	308	1 166
197	273	186	208	156	74	1 239	0	1 325	205	152
92	109	141	174	65	51	187	0	498	4	108
58	0	1	0	0	0	242	0	134	0	0
2 973	9 333	884	1 820	433	1 025	20 068	68 804	1 758	336	768
3 183	22 965	3 095	37	8	4	653	0	8 256	685	2 526
2 158	3 928	4 220	8 023	1 799	1 760	1 597	0	6 716	701	1 796
2 325	669	2 907	9 215	895	230	2 657	0	6 311	32	933
60 896	850	6 986	1 801	778	273	853	0	28 881	4 288	2 180
2 250	63 222	12 905	4 972	1 485	2 164	2 130	0	6 904	291	3 170
1 560	364	3 308	4 984	4 547	237	6 821	0	2 845	1 487	2 171
2 133	3 066	3 154	84 595	92 910	34 613	29 770	88 696	4 712	758	3 256
1 830	2 952	3 394	16 024	3 355	6 513	8 888	0	11 342	1 050	2 978
12 488	20 187	13 521	25 688	6 635	7 460	48 125	0	25 123	2 230	4 018
2 543	8 009	4 287	10 787	2 653	2 354	4 035	0	12 613	1 873	3 998
1 266	936	682	4 375	7 641	3 556	7 945	0	2 644	501	1 282
144	1 051	188	375	117	59	57	0	6 392	45	106
446	9	60	4 698	261	429	15	0	336	2	68
7 374	30	237	284	99	93	1 088	0	6 967	19	432
907	7 965	909	5 874	1 566	1 037	1 232	0	2 047	224	849
168 868	164 761	96 210	201 658	129 864	66 392	146 867	157 500	220 209	26 901	65 382
54 702	69 794	77 444	233 534	125 797	52 273	55 477	0	193 637	12 531	157 130
51 348	74 396	66 905	288 904	68 258	25 710	116 090	839 200	99 324	11 288	8 381
6 704	69 460	13 820	55 771	24 691	11 198	12 736	146 977	21 485	19 348	8 468
1 672	7 683	1 149	20 029	7 919	3 371	4 831	43 368	3 915	1 435	1 414
114 426	221 333	159 318	598 238	226 665	92 552	189 134	1 029 545	318 361	44 602	175 393
283 294	386 094	255 528	799 896	356 529	158 944	336 001	1 187 045	538 570	71 503	240 775

Table 105. Transactions table at purchasers'

Kind of industries		O	P	QA	QB	R	SA	SB
Kind of commodities		Public administration and defence	Education	Human health services	Social work ⁴ services	Arts, entertainment and recreation	Non-profit institutions serving households	Domestic services
01	Agricultural products	3 054	320	0	0	581	0	0
02	Livestock	46	103	0	0	67	0	0
03	Forest products	1	0	0	0	0	0	0
04	Fishery products	173	0	0	0	22	0	0
05	Minerals	84	0	0	0	0	0	0
06	Process foods	4 537	743	0	0	3 484	0	0
07	Beverages	1 347	126	0	0	60	0	0
08	Tobacco	6	4	0	0	0	0	0
09	Textile mill products	394	218	226	97	143	0	0
10	Wearing apparel and clothing accessories	3 021	271	19	23	89	0	0
11	Leather, fur and related products	550	36	0	0	0	0	0
12	Wood and related products	295	624	9	0	94	0	0
13	Pulp, paper and paper products	2 593	1 977	1 543	233	1 151	402	0
14	Printing and reproduction of recorded media	10 138	4 455	809	1 047	1 001	2 802	0
15	Petroleum and coal products	12 593	3 435	3 899	500	1 219	587	0
16	Chemical materials	2 405	4 506	6 112	0	0	0	0
17	Chemical products	7 728	1 127	1 527	2 130	897	3 838	0
18	Medicines	1 628	787	86 809	193	63	0	0
19	Rubber products	606	153	8	0	0	0	0
20	Plastic products	3 717	1 636	1 033	37	1 038	0	0
21	Non-metallic mineral products	2 085	2 624	1 407	0	32	0	0
22	Iron and steel products	1 559	23	0	0	0	0	0
23	Miscellaneous metals	4	0	0	0	2	0	0
24	Fabricated metal products	31 119	2 171	2 316	215	335	243	0
25	Electronic parts and components	1 439	2 337	859	0	67	0	0
26	Computers, electronic and optical products	3 256	14 307	16 036	6	3 502	23	0
27	Electrical equipment	5 514	10 141	997	77	263	8	0
28	Mechanical equipment	2 824	1 808	2 479	235	283	401	0
29	Motor vehicles and parts	7 796	522	452	9	24	17	0
30	Other transport equipment	70	0	2 472	7	8	2	0
31	Furniture	1 137	2 094	0	0	0	1 351	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	8 063	8 605	32 963	425	5 374	639	0
33	Electricity supply	8 523	16 641	11 921	2 123	5 912	3 998	0
34	Gas supply	371	768	1 174	133	920	260	0
35	Water supply	715	453	288	37	215	124	0
36	Remediation services	37 234	7 440	2 719	130	0	0	0
37	Construction	7 925	6 844	2 333	1 823	1 121	1 096	0
38	Wholesale and retail trade	1	10	1 047	146	1 871	0	0
39	Transportation and storage	14 575	5 538	6 031	1 055	844	1 985	0
40	Accommodation and food services	18 263	6 226	978	3 152	2 019	11 037	0
41	Mass communication services	6 837	9 745	772	480	8 432	4 167	0
42	Telecommunication services	28 292	3 311	4 955	2 348	1 768	2 595	0
43	Data processing & information services	8 944	962	1 399	104	1 019	137	0
44	Finance and insurance services	34 941	4 654	6 785	671	3 446	1 310	0
45	Real estate services	1 753	168	9 293	1 867	10 777	2 011	0
46	Professional, scientific and technical services	21 704	5 951	6 705	3 129	4 340	3 914	0
47	Support services	20 391	11 631	5 156	2 207	3 702	406	0
48	Public administration services	0	1 020	1 410	287	1 828	1	0
49	Education services	17 535	707	365	0	28	43	0
50	Human health and social work services	2 602	1 615	683	1 900	14	2 449	0
51	Arts, entertainment and recreation services	1 285	343	53	0	2 597	5 496	0
52	Other services	6 012	1 734	3 359	1 212	1 579	1 879	0
01-52	Intermediate inputs	357 685	150 914	229 401	28 038	72 231	53 221	0
53	Compensation of employees	683 248	578 748	274 860	38 124	92 995	57 829	114 115
54	Operating surplus	0	39 493	110 690	0	26 435	0	0
55	Consumption of fixed capital	347 577	48 101	31 704	993	12 627	1 890	0
56	Net indirect taxes	3 645	- 12 613	- 10 125	- 661	4 768	868	0
53-56	Primary inputs	1 034 470	653 729	407 129	38 456	136 825	60 587	114 115
01-56	Total inputs	1 392 155	804 643	636 530	66 494	209 056	113 808	114 115

Notes : ⁴ Including residential care services

Table 105. Transactions table at purchasers' prices(C × I), 2012 (continued)

Million NT\$

Kind of industries		59	60	61	62	63	64
Kind of commodities		Imports of goods and services	Net import duties	Trade margin	Transportation margin	Value-added tax	Statistical discrepancy (Production approach)
01	Agricultural products	142 828	3 761	219 508	11 540	4 644	- 5 985
02	Livestock	2 946	159	43 215	1 283	0	- 439
03	Forest products	16 884	5	3 248	861	8	- 109
04	Fishery products	13 528	2 272	71 640	1 363	108	146
05	Minerals	1 693 562	27	24 228	15 625	482	34 830
06	Process foods	185 622	13 199	418 331	21 377	18 491	- 2 582
07	Beverages	30 509	8 762	69 997	3 061	5 804	- 1 336
08	Tobacco	19 702	26 360	31 617	305	3 800	754
09	Textile mill products	35 835	1 684	97 916	3 625	1 528	4 085
10	Wearing apparel and clothing accessories	56 861	5 789	76 968	1 349	4 639	- 642
11	Leather, fur and related products	41 654	2 885	34 437	1 672	1 957	- 614
12	Wood and related products	33 172	386	16 926	2 980	183	2 609
13	Pulp, paper and paper products	75 817	6	92 811	5 306	1 995	- 610
14	Printing and reproduction of recorded media	5 034	18	0	272	1 762	3 007
15	Petroleum and coal products	568 894	741	107 104	9 452	7 234	28 531
16	Chemical materials	791 553	5 946	129 372	16 938	2 823	- 14 387
17	Chemical products	228 168	3 923	159 413	5 424	4 203	1 461
18	Medicines	88 319	828	126 374	1 282	9 027	- 1 657
19	Rubber products	21 885	2 494	33 229	1 327	708	572
20	Plastic products	136 073	3 471	97 190	4 004	1 378	5 971
21	Non-metallic mineral products	71 207	3 090	64 634	10 522	1 697	- 938
22	Iron and steel products	342 889	106	207 791	13 652	813	27 336
23	Miscellaneous metals	398 548	826	72 413	5 026	19	11 885
24	Fabricated metal products	91 687	2 240	120 472	5 852	3 297	5 509
25	Electronic parts and components	1 419 644	1 506	248 352	24 445	2 182	41 566
26	Computers, electronic and optical products	558 178	5 899	317 500	9 095	19 521	- 39 138
27	Electrical equipment	155 290	6 851	138 265	4 944	5 345	5 277
28	Mechanical equipment	634 969	7 821	195 987	8 978	15 929	17 654
29	Motor vehicles and parts	166 537	43 716	214 251	3 072	12 739	- 6 995
30	Other transport equipment	95 104	1 184	62 580	2 456	3 189	- 5 188
31	Furniture	19 048	173	49 799	1 164	2 246	1 992
32	Other manufactures & repair and maintenance of industrial machinery and equipment	85 967	1 385	131 509	3 419	7 088	- 3 225
33	Electricity supply	3 477	0	0	0	5 663	98
34	Gas supply	1 310	0	23 977	1 177	1 542	- 1 797
35	Water supply	833	0	0	527	406	189
36	Remediation services	1 135	2	4 356	2 249	2 294	320
37	Construction	507	0	0	0	28 552	5 564
38	Wholesale and retail trade	89 450	0	-3 767 944	0	1 337	217
39	Transportation and storage	206 542	0	0	- 206 064	12 203	- 43 120
40	Accommodation and food services	200 143	0	0	0	18 967	- 4 595
41	Mass communication services	53 595	0	62 534	440	2 481	- 437
42	Telecommunication services	19 737	0	0	0	7 679	1 306
43	Data processing & information services	22 764	0	0	0	5 829	- 350
44	Finance and insurance services	58 093	0	0	0	0	- 4 433
45	Real estate services	18 567	0	0	0	4 915	1 098
46	Professional, scientific and technical services	107 242	0	0	0	5 013	6 970
47	Support services	179 790	0	0	0	5 507	- 2 642
48	Public administration services	2 291	0	0	0	0	- 446
49	Education services	22 244	0	0	0	0	2 846
50	Human health and social work services	3 226	0	0	0	0	- 9 238
51	Arts, entertainment and recreation services	30 768	0	0	0	5 284	- 536
52	Other services	4 513	0	0	0	8 198	- 7 440
01-52	Intermediate inputs	9 254 141	157 515	0	0	260 709	52 914
53	Compensation of employees						
54	Operating surplus						
55	Consumption of fixed capital						
56	Net indirect taxes						
53-56	Primary inputs						
01-56	Total inputs						

BUSINESS ACTIVITIES

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

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

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

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

Table 106. Number and sales

End of year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade	Accommodation & eating-drinking place	
Numbers									
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	
Sales amount									
2006	34 604 715	32 848	53 702	12 045 202	567 879	1 790 149	12 055 691	321 758	
2007	36 066 702	33 761	53 931	13 300 433	622 580	1 843 747	12 536 305	323 757	
End of year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage
Numbers									
2008	1 178 882	12 098	1 322	129 956	370	6 585	84 563	616 187	30 426
2009	1 186 308	12 191	1 281	128 458	393	6 557	85 100	616 414	30 403
2010	1 214 339	12 240	1 250	130 210	415	6 798	88 699	626 753	30 418
2011	1 244 172	12 152	1 138	136 033	399	6 933	93 386	632 145	30 435
2012	1 268 909	12 233	1 122	137 482	442	7 063	97 113	639 173	30 547
2013	1 298 032	11 722	1 090	139 549	546	7 126	101 445	644 701	30 228
Sales amount									
2008	35 409 929	30 436	59 117	13 111 206	656 148	168 802	1 868 471	12 438 393	1 003 176
2009	30 144 314	31 925	44 602	10 502 912	671 969	140 675	1 700 694	11 094 275	861 595
2010	36 371 205	39 132	48 273	13 474 671	757 289	175 761	1 977 409	13 232 810	1 081 059
2011	38 003 188	35 940	49 046	13 954 562	827 740	196 608	2 086 537	13 884 807	1 062 622
2012	37 748 019	36 881	45 052	14 000 075	892 924	185 033	2 101 004	13 510 120	1 066 634
2013	38 538 649	40 647	48 092	14 303 452	943 844	183 140	2 068 091	13 615 416	1 100 834

Notes : Figures are based on the 7th revised edition of R.O.C Standard Industrial Classification on Taxation from 2013.

of profit-seeking enterprises

Transport storage & communication	Finance & insurance	Real estate & rental & leasing	Professional, science & technology	Education services	Health care & social welfare	Culture, sport & leisure services	other services	Other
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31 211	18 347	25 981	42 807	366	360	28 389	86 462	5 572
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30 871	18 981	26 631	43 046	460	368	25 741	88 150	4 611
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(Million NT\$)

1 279 394	3 781 603	798 582	909 385	4 026	2 387	259 800	488 602	213 706
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1 275 813	3 313 678	891 283	965 512	4 196	2 545	267 314	453 519	178 327
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Accommodation & food services	Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Arts, entertainment & recreation	Others
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99 722	14 352	22 163	18 563	32 605	24 978	622	20 365	64 005
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104 157	14 574	22 516	19 196	33 122	25 420	870	20 242	65 414
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107 681	15 336	23 040	21 628	34 507	26 176	999	20 394	67 795
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112 134	15 672	23 735	24 419	36 078	27 150	1 161	20 433	70 769
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116 105	16 361	24 598	26 779	37 505	27 841	1 323	20 520	72 702
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120 285	16 939	26 293	29 476	39 182	27 151	1 501	26 168	74 630
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(Million NT\$)

335 644	782 819	2 851 985	802 227	572 845	242 932	5 242	69 022	411 465
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330 788	771 835	2 168 019	755 253	561 238	234 017	6 121	72 199	196 195
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374 785	854 532	2 266 259	870 068	643 265	295 222	6 879	68 926	204 865
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425 707	912 142	2 450 642	827 232	659 460	337 107	7 910	71 340	213 786
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465 713	958 813	2 220 330	939 271	640 902	369 390	9 702	75 172	231 003
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497 166	1 009 290	2 179 075	1 151 494	658 839	394 898	10 542	80 011	253 818
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Table 107. Number of newly registered

Year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Trade	Accommodation & eating-drinking places
Newly registered								
2005	45 080	520	223	6 189	45	5 226	9 902	176
2006	38 273	291	110	3 794	19	3 693	13 866	165
Capital of newly registered								
2005	244 940	2 192	1 057	37 391	547	18 375	23 367	842
2006	229 052	1 038	584	23 201	1 301	14 917	46 797	670
Year	Total	Agriculture, forestry, fishing and animal husbandry	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade
Newly registered								
2007	33 718	398	189	6 182	48	261	5 055	5 479
2008	30 201	358	165	5 140	70	223	4 307	4 589
2009	31 882	618	177	5 926	104	176	4 701	5 699
2010	36 197	810	217	8 146	134	207	5 963	6 694
2011	38 231	960	202	8 928	129	262	6 135	6 517
2012	37 094	1 071	207	8 038	216	218	5 968	6 099
2013	39 607	1 220	200	8 452	277	208	6 377	5 901
Capital of newly registered								
2007	175 210	2 132	1 058	35 165	822	865	18 751	13 581
2008	245 752	1 245	876	32 216	747	752	11 474	9 212
2009	127 954	2 251	706	27 662	772	556	13 586	10 325
2010	190 377	3 119	1 029	40 978	1 907	465	16 561	13 014
2011	257 886	4 020	809	55 236	966	590	15 442	12 899
2012	228 189	3 595	986	31 490	2 757	1 966	17 059	13 567
2013	177 607	4 313	711	34 382	1 286	512	17 063	11 515

Notes : Figures are based on the 9th revised edition of R.O.C Standard Industrial Classification System from 2012.

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)

455	1 798	1 895	5 142	2	-	372	2 914	10 221
296	1 338	1 115	3 865	2	4	295	1 245	8 175

corporations (Million NT\$)

4 769	63 951	15 816	14 469	2	-	2 052	10 744	49 368
3 506	37 582	8 614	13 227	2	17	1 310	5 450	70 837

Transportation & storage	Accommodation & food services	Information & communication	Financial & insurance	Real estate	Professional, scientific & technical services	Support services	Arts, entertainment & recreation	Others
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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
399	356	1 754	2 149	2 471	4 515	1 004	245	1 133
407	449	1 713	2 438	2 882	4 718	1 084	247	1 160
477	470	1 647	2 753	2 670	4 807	1 151	216	1 086
453	497	1 651	3 307	3 266	5 349	1 250	219	980

corporations (Million NT\$)

3 920	712	3 598	47 613	13 749	12 930	3 204	773	16 337
6 189	497	2 556	136 651	12 026	5 931	3 265	400	21 714
3 299	1 347	3 205	28 743	12 788	6 687	3 430	876	11 721
4 876	1 493	4 107	64 720	21 913	9 395	4 073	408	2 319
2 996	1 468	4 452	116 779	22 168	10 439	4 112	2 684	2 828
4 821	1 549	3 542	45 619	18 925	9 821	69 387	1 046	2 060
4 160	1 527	4 311	49 403	27 637	10 817	6 055	1 649	2 266

Table 108. Number of business

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Transport, storage & communication	
2000	705 798	2 520	1 307	59 256	950	23 511	33 423	
2001	718 318	5 105	2 353	50 015	2 154	41 449	31 854	
2002	722 089	...	...	...	...	...	...
2003	713 925	...	...	...	...	...	...
2004	727 016	3 658	2 176	44 048	210	46 691	29 643	
2005	735 263	3 752	2 088	43 023	215	49 042	30 132	
2006	745 712	3 924	2 049	42 642	220	52 324	30 237	
Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Accommodation & food services
2007	745 120	3 744	2 038	42 070	165	2 485	54 228	45 768
2008	744 262	3 883	1 995	41 585	155	2 747	55 667	46 346
2009	753 448	4 090	1 955	41 493	158	2 854	56 965	50 573
2010	759 082	4 264	1 939	41 816	167	3 010	58 771	53 366
2011	770 194	4 501	1 902	42 783	169	3 199	60 637	56 204
2012	781 943	4 866	1 889	43 708	177	3 355	62 573	58 393
2013	800 948	5 268	1 853	44 656	202	3 417	65 031	61 178

Notes : ¹ Data referred to Trade and eating-drinking places before 2001.

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

Figures are based on the 9th revised edition of R.O.C Standard Industrial Classification System from 2012.

entities existing registered

Numbers

Trade ¹	Accommodation & eating-drinking places	Finance ² , insurance	Real estate, rental & leasing	Professional, scientific & technical services	Educational services	Health care, social welfare services	Cultural, sporting & recreational services	Other services
476 142		12 214		...	...	...	...	96 475
484 801		4 553		...	...	...	...	96 034
...		
...		
457 612	40 247	2 557	11 286	15 685	65	2	13 650	59 486
458 769	42 106	2 586	11 543	15 827	81	5	15 277	60 817
459 855	44 022	2 647	11 679	15 760	260	4	18 538	61 551
Wholesale & retail trade	Transportation & storage	Information & communication	Financial & insurance	Real estate	Professional, scientific & technical services	Support services	Arts, entertainment & recreation	Others
457 905	29 849	5 549	2 613	2 330	13 549	19 418	14 126	49 283
454 814	29 850	5 508	2 585	2 368	13 601	19 748	14 290	49 120
456 692	29 376	5 477	2 501	2 470	13 900	20 065	14 433	50 446
455 828	28 974	5 530	2 498	2 611	13 853	20 590	14 594	51 271
459 040	27 640	5 602	2 525	2 843	14 172	20 946	14 704	53 327
463 014	27 158	5 673	2 550	2 985	14 408	21 654	14 870	54 670
466 766	27 019	5 756	2 609	3 267	14 927	22 447	20 850	55 702

Table 109. Number of small

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Transport, storage & communication	
2000	1 070 310	10 686	1 362	141 340	629	77 093	31 441	
2001	1 078 162	10 622	1 307	137 551	690	76 670	31 530	
2002	1 104 706	10 649	1 350	133 684	1 131	75 840	31 104	
2003	1 146 352	10 718	1 393	133 560	593	75 861	44 721	
2004	1 164 009	10 650	1 381	132 840	520	79 312	40 385	
2005	1 226 095	11 099	1 410	134 172	522	86 001	36 898	
2006	1 244 099	10 949	1 437	132 354	494	91 290	35 186	
Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufactur- ing	Electricity & gas supply	Water supply & remediation services	Construction	Accommodation & food services
2007	1 236 586	10 784	1 485	133 312	248	6 539	90 269	108 801
2008	1 234 749	10 974	1 455	131 829	266	6 691	92 272	110 182
2009	1 232 025	11 129	1 403	130 017	278	6 785	92 507	113 447
2010	1 247 998	11 344	1 370	129 983	293	6 894	94 415	117 207
2011	1 279 784	11 568	1 245	135 768	294	6 930	98 988	122 862
2012	1 302 351	11 817	1 203	132 717	320	7 127	103 136	126 513
2013	1 331 182	12 027	1 166	139 099	423	7 211	107 498	130 653

Notes : ¹ Data referred to Trade and eating-drinking places before 2002.

² Data referred to finance, insurance and real estate services before 2002.

Figures are based on the 9th revised edition of R.O.C Standard Industrial Classification System from 2013.

and medium enterprises

Trade ¹	Accommodation & eating-drinking places	Finance ² , insurance	Real estate, rental & leasing	Professional, scientific & technical services	Educational services	Health care, social welfare services	Cultural, sporting & recreational services	Other services
	646 312	19 163		...	...	...	...	142 284
	651 841	18 967		...	...	...	...	148 984
	674 364	21 585		...	...	...	...	154 999
611 339	85 061	10 513	22 803	44 298	459	367	26 612	78 054
619 525	91 252	10 240	23 773	44 867	403	257	27 654	80 950
651 590	102 096	11 263	25 827	46 352	430	375	28 779	89 281
657 583	107 205	10 916	27 035	46 331	482	360	29 793	92 684
Wholesale & retail trade	Transportation & storage	Information & communication	Financial & insurance	Real estate	Professional, scientific & technical services	Support services	Arts, entertainment & recreation	Others
654 091	30 807	15 282	13 597	18 683	35 191	26 211	23 108	68 178
648 376	30 586	15 253	13 646	19 638	35 301	26 822	22 955	68 503
642 235	30 329	15 360	14 102	20 092	35 397	27 147	22 487	69 310
646 101	30 181	15 862	14 035	21 975	36 505	27 683	22 301	71 849
651 955	30 405	16 201	13 918	25 108	38 054	28 750	22 579	75 159
661 297	30 666	16 901	14 166	27 182	39 603	29 631	22 411	77 661
666 857	30 283	17 794	14 947	29 986	41 167	28 607	23 791	79 673

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*, published by Directorate-General of Budget, Accounting and Statistics, Executive Yuan.

The scope of agricultural production reporting system cover all agricultural products produced in Taiwan Area except sheep, horses and deer. Production does not include intermediate inputs, 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 is 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 feed in the crop sector. Animal feed is 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 nautical miles to 200 nautical miles from the coast by means of powered vessels. The coastal fishery refers to fishing on the territorial waters, i.e., 12 nautical 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 110. Indices of agricultural,

2011=100

Year	General index	Agricultural products								
		Group index	Common crops			Special crops	Fruits	Vegetables	Mushrooms	Flowers
			Sub-group index	Rice	Coarse Grain					
1984	94.48	112.60	168.12	170.67	173.06	153.53	65.56	124.54	826.07	18.00
1985	97.37	113.46	165.39	165.32	186.35	160.77	70.76	121.34	830.04	21.66
1986	97.05	107.57	154.76	150.01	199.52	150.77	68.45	113.51	765.80	24.38
1987	104.79	112.05	153.50	144.50	220.10	155.11	78.02	118.09	630.63	30.87
1988	106.42	113.58	148.54	140.34	210.41	171.14	84.27	112.88	454.04	37.15
1989	106.21	113.03	147.17	141.83	193.94	171.76	88.30	105.83	379.46	38.09
1990	108.58	108.01	145.59	137.45	206.64	158.78	83.37	97.08	274.31	45.90
1991	110.13	110.76	146.33	138.47	206.68	157.11	87.71	102.66	223.01	49.08
1992	107.54	106.17	134.05	123.94	207.21	158.08	80.78	102.74	161.13	59.01
1993	114.03	113.40	143.24	133.83	212.79	164.00	91.48	103.38	113.95	70.26
1994	110.54	109.42	133.73	123.52	207.21	171.72	88.80	92.59	98.96	80.50
1995	114.67	111.62	133.02	124.16	198.26	171.95	88.77	101.00	82.44	88.65
1996	114.84	111.31	125.51	115.69	196.52	169.19	89.54	109.51	103.77	84.91
1997	113.35	113.09	128.33	122.35	173.06	166.58	94.25	107.32	120.40	89.68
1998	107.13	103.74	113.83	111.30	134.24	165.48	81.93	101.49	93.54	85.59
1999	108.35	110.78	115.14	114.79	120.80	156.52	93.09	120.13	78.47	89.15
2000	110.74	105.60	112.88	114.21	106.80	155.28	84.40	112.21	84.94	90.24
2001	109.38	101.03	102.05	103.21	96.87	141.07	88.20	106.04	104.47	85.24
2002	113.87	106.59	109.65	108.10	115.98	137.07	92.55	118.14	98.24	87.71
2003	114.04	103.77	101.11	98.85	110.46	138.20	97.31	107.07	97.71	88.22
2004	109.22	98.63	88.30	85.97	97.97	121.69	95.79	106.88	104.37	90.32
2005	102.95	89.27	88.36	87.88	90.16	111.10	82.64	91.83	97.75	83.34
2006	103.72	97.70	95.36	93.41	103.39	113.34	95.38	98.39	99.65	93.84
2007	101.23	91.37	82.03	81.63	83.65	105.22	95.21	89.16	89.99	92.24
2008	96.10	90.85	87.41	87.34	87.69	109.63	89.29	90.15	90.26	88.10
2009	94.40	91.71	94.67	94.66	94.68	106.70	86.39	91.56	85.85	91.45
2010	96.42	94.18	88.81	87.00	96.28	104.14	95.26	94.08	94.76	93.22
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012 r	98.27	95.87	100.64	102.03	94.52	92.77	95.37	92.10	110.82	96.62
2013 p	96.95	95.40	94.77	95.30	92.45	91.99	96.52	93.94	106.95	98.46

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

forestry and fishery production

Forestry products			Livestock products			Fishery products				
Group index	Saw timber	Fire & charcoal wood and bamboo & by-products	Group index	Hogs	Other livestock	Group index	Far-sea fisheries	Offshore fisheries	Coastal fisheries	Aquaculture fisheries
1 067.53	5 429.99	206.59	66.72	84.70	45.96	108.68	60.48	330.37	181.28	104.98
961.05	4 874.05	189.06	71.27	96.17	45.48	113.33	66.44	325.66	195.23	108.02
1 064.86	5 244.85	249.49	73.67	100.52	46.18	120.16	74.77	298.18	208.47	118.81
987.46	4 292.90	318.64	80.30	108.54	51.07	136.43	87.75	311.45	199.68	139.21
640.10	2 368.59	269.87	80.99	105.48	54.29	141.99	106.00	309.14	184.34	130.89
452.15	1 401.93	232.18	84.94	106.14	60.07	134.92	111.41	316.82	183.16	105.51
386.86	879.57	247.59	91.35	116.79	62.77	143.34	117.68	254.53	176.55	131.42
362.26	573.81	288.95	99.53	130.38	65.60	132.61	108.49	241.23	145.91	123.46
218.64	703.80	107.76	101.93	130.24	71.18	127.92	111.17	241.41	149.44	107.78
228.24	505.86	155.17	106.38	131.28	80.01	135.94	135.09	217.98	137.36	107.53
172.29	373.05	118.79	112.40	139.17	84.01	119.88	109.60	202.79	126.96	102.66
201.10	525.34	121.91	118.05	142.57	92.60	124.89	115.41	216.94	147.69	102.27
165.67	431.44	101.74	122.82	146.79	98.31	119.05	111.12	203.19	132.78	98.45
186.34	448.26	122.80	113.69	119.09	108.14	121.38	124.79	194.58	132.84	90.07
236.03	456.07	180.80	105.29	103.12	107.46	121.51	133.64	165.70	146.56	85.63
198.37	259.42	179.93	101.47	95.08	107.94	118.98	133.49	158.57	134.59	82.49
195.70	86.40	215.83	107.25	106.47	108.02	130.09	137.40	163.91	160.29	101.40
162.04	114.68	167.89	107.58	111.23	104.54	132.28	138.42	162.69	171.65	109.01
180.76	171.41	175.11	105.57	107.39	104.01	143.04	145.19	175.66	177.26	124.92
196.85	101.64	214.51	103.46	103.24	103.54	153.17	157.74	166.81	216.73	134.40
196.49	135.24	204.67	103.32	103.86	102.80	142.26	145.47	159.60	200.49	124.91
153.67	188.62	136.84	100.28	105.39	96.08	139.34	141.68	163.53	184.23	122.49
171.14	263.99	137.27	102.85	107.61	98.94	119.83	117.79	123.29	187.76	113.13
117.27	112.06	119.18	100.35	105.67	95.97	126.71	130.82	107.21	182.33	120.09
108.49	120.70	104.05	95.87	99.66	92.76	109.47	101.87	97.28	161.89	117.29
110.29	105.99	111.86	95.50	99.12	92.52	99.65	95.51	101.12	154.86	98.04
101.28	77.11	110.12	96.78	97.76	95.97	101.43	100.24	86.34	119.56	105.51
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
103.60	146.52	91.27	98.58	101.48	95.97	102.68	106.35	95.56	116.21	99.46
112.58	180.19	93.17	96.66	98.87	94.67	100.57	101.49	87.84	104.68	103.09

Table 111. Quantity of major

Item	2004	2005	2006	2007
Crop production				
Paddy rice	1 433 611	1 467 138	1 558 048	1 363 458
Coarse grain				
Feed corn	45 631	41 820	37 358	33 885
Food corn	98 666	91 653	91 075	84 985
Sweet potato	175 421	213 991	235 203	200 087
Peanut	68 302	53 948	71 561	51 885
Sorghum	12 826	8 325	4 732	4 895
Adzuki bean	6 458	4 850	7 831	6 056
Soybean	280	213	187	147
Special crops				
Sugar-cane (refined)	1 129 385	875 458	651 041	720 874
Sugar-cane (fresh)	65 661	64 754	63 216	60 043
Tea	20 192	18 803	19 345	17 502
Tobacco	5 490	2 743	2 193	1 672
Sesame	458	451	571	313
Vegetables				
Radishes	125 879	132 390	116 416	110 856
Scallion	125 707	91 696	102 577	97 920
Garlic bulb	58 054	55 622	43 843	43 840
Water bamboo	42 136	45 801	46 265	44 291
Bamboo shoot	310 300	232 856	313 356	291 709
Cabbage	319 671	316 115	355 072	318 717
Watermelon	314 945	212 488	236 322	220 773
Cantaloupe	78 797	60 307	73 727	50 702
Mildew				
Mushroom	5 643	5 117	4 663	4 304
Shiitake	4 823	4 526	4 643	4 184
Fruits				
Banana	189 900	148 715	214 277	241 729
Pineapple	458 499	439 872	491 588	476 811
Ponkan	107 143	93 207	110 645	89 727
Wentan pomelo	87 362	69 830	73 571	63 711
Liucheng	211 409	193 847	228 225	192 910
Longan	102 337	102 790	102 693	108 612
Mango	182 196	149 996	191 332	215 292

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

agricultural production

Metric tons

2008	2009	2010	2011	2012	2013 ^P
1 457 175	1 578 169	1 451 011	1 666 273	1 700 229	1 589 564
37 290	45 981	34 551	35 097	29 825	39 440
80 807	87 579	81 237	88 135	75 359	93 465
212 816	229 038	209 191	205 868	220 514	215 093
55 075	56 941	65 036	68 231	56 845	46 809
2 532	719	4 411	3 416	3 564	3 300
7 013	8 550	8 693	11 498	10 698	11 858
141	220	204	105	159	879
707 102	613 228	665 359	653 952	548 455	505 526
58 400	51 044	47 124	34 608	29 062	28 112
17 384	16 780	17 467	17 310	14 902	14 718
1 725	1 928	1 753	1 737	1 642	1 700
408	948	947	770	620	1 399
118 720	101 585	95 113	100 996	81 483	100 629
95 124	111 347	111 205	105 826	97 482	102 789
54 508	49 600	44 916	63 939	46 759	43 894
46 295	46 169	46 403	45 353	41 644	43 969
255 046	251 994	292 209	294 938	278 903	267 092
348 818	346 297	329 149	367 307	341 279	354 390
203 275	217 619	225 925	246 643	243 067	212 690
48 423	40 421	41 156	44 459	37 136	42 763
3 951	3 898	3 149	4 097	3 439	2 921
4 233	4 012	4 540	4 716	5 334	5 187
207 702	172 550	287 895	305 740	295 265	291 292
452 060	434 769	420 172	401 367	392 211	413 465
100 689	98 179	102 341	142 369	135 796	133 253
68 061	70 150	88 100	69 668	70 465	62 187
254 125	231 549	185 289	178 829	162 345	160 496
101 909	82 602	100 436	112 156	94 391	90 975
176 716	140 290	135 293	169 380	167 247	215 168

Table 111. Quantity of major

Item	2004	2005	2006	2007
Betel nut	143 368	138 095	141 563	134 497
Guava	184 738	137 166	170 169	131 703
Wax apple	68 687	84 991	69 234	82 223
Grape	97 884	71 105	102 291	90 081
Plum	35 321	29 202	26 297	25 830
Japanese apricot	57 009	45 937	48 001	37 834
Lichee	82 107	70 537	84 652	99 721
Pear	124 873	113 183	126 628	150 429
Papaya	133 620	88 475	129 283	92 914
Sugar apple	89 189	75 554	85 005	78 830
Forestry				
Timber (M ³)	40 041	44 116	36 233	35 161
Saw-timber	30 372	31 389	26 979	26 441
Firewood	9 642	12 675	9 224	7 186
Tree top wood	27	53	31	1 533
Bamboo (1 000 pieces)	574	673	544	825
Fishery				
Deep-sea fishery	677 703	752 118	757 896	988 617
Inshore fishery	196 820	200 730	154 015	134 619
Coastal fishery	56 070	52 779	54 226	54 110
Mariculture	28 094	34 746	34 411	34 888
Inland water fishing	255	207	155	241
Inland water culture	299 066	272 270	281 575	289 899
Livestock				
Cattle (Carcass weight)	5 120	6 048	5 626	5 480
Hogs (Carcass weight)	898 208	911 449	930 609	913 824
Goats (Carcass weight)	2 781	3 234	3 896	3 548
Chicken (Carcass weight)	600 905	555 340	565 779	549 450
Duck (Carcass weight)	61 218	71 483	74 809	77 656
Geese (Carcass weight)	25 998	23 508	24 742	21 628
Cow milk	322 660	303 496	323 165	322 220
Honey	4 987	6 327	4 978	3 220
Hen egg (1 000 pieces)	6 998 992	6 452 885	6 620 415	6 659 584
Duck egg (1 000 pieces)	417 126	487 549	466 232	507 328

agricultural production(continued)

Metric tons

2008	2009	2010	2011	2012	2013 ^P
144 195	142 636	131 737	129 316	124 091	124 054
141 065	135 303	167 009	168 848	181 178	182 479
63 902	43 693	59 675	78 109	81 667	99 526
84 656	98 091	102 831	107 280	99 967	97 256
23 001	22 899	24 826	23 656	22 744	21 582
35 812	46 890	49 695	42 010	31 880	30 706
79 565	95 440	89 440	90 471	81 143	93 221
138 381	153 450	174 858	150 013	137 911	109 105
94 359	82 878	129 322	151 183	132 763	118 822
67 749	70 370	64 243	59 739	49 864	52 612
31 231	27 891	19 468	24 213	27 481	34 923
25 135	25 176	19 131	23 273	24 898	26 785
6 059	2 624	296	740	2 542	8 123
37	90	41	200	40	15
2 430	3 251	3 261	1 881	1 742	1 512
828 427	614 614	688 288	702 133	726 775	773 018
132 594	145 596	128 289	163 579	148 279	125 030
47 366	45 732	34 731	28 117	33 027	27 575
37 765	26 760	41 410	38 098	30 390	31 619
198	132	77	69	66	19
292 940	254 980	274 286	290 660	317 543	313 533
5 683	6 099	6 343	6 169	6 187	6 693
861 836	857 155	845 464	864 792	877 628	855 019
3 183	3 000	2 694	2 438	2 294	1 888
522 821	542 191	558 197	589 462	544 326	510 168
68 770	63 318	67 142	67 557	63 952	75 603
18 962	16 915	18 505	20 200	19 961	20 897
315 559	321 781	336 036	350 894	348 489	358 146
7 219	5 367	8 149	15 089	14 203	11 131
6 469 671	6 431 571	6 728 450	6 680 044	6 770 183	6 806 570
483 878	442 355	483 822	469 955	466 748	449 192

Table 112. Value of major

Item	2004	2005	2006	2007
Total farm production	386 444 326	382 726 113	376 993 825	389 129 225
Crop production	162 300 578	162 630 935	172 691 533	168 368 459
Paddy rice	27 510 620	28 139 682	29 379 921	26 091 341
Coarse grain	7 778 155	7 458 138	7 998 832	6 274 954
Feed corn	684 460	627 307	560 363	508 274
Food corn	1 134 660	1 201 570	1 133 884	1 110 750
Sweet potato	2 368 183	2 599 989	2 441 407	2 000 871
Peanuts	2 971 116	2 478 388	3 324 721	2 101 358
Sorghum	179 570	116 553	66 252	68 525
Adzuki bean	374 576	371 663	411 847	426 942
Soybeans	7 011	5 328	4 672	3 687
Special crop	7 116 479	7 420 437	8 117 544	7 879 550
Sugar-cane (refined)	923 837	655 805	576 237	554 713
Sugar-cane (fresh)	543 014	674 735	677 675	531 977
Tea	3 028 748	3 760 540	4 352 679	4 499 869
Tobacco	911 272	455 254	370 599	299 736
Sesame	65 641	67 901	87 654	53 449
Vegetables	40 728 442	42 625 447	44 027 684	46 971 791
Radishes	887 448	979 684	841 687	942 273
Scallion	2 338 144	4 749 871	4 256 938	3 720 957
Garlic bulb	1 792 128	1 529 610	1 972 940	2 126 233
Water bamboo	1 295 269	1 488 546	1 427 278	1 660 924
Bamboo shoot	3 258 146	3 213 410	4 230 301	5 950 859
Cabbage	2 557 365	2 845 032	3 082 021	3 489 946
Watermelon	3 306 918	2 443 611	2 481 386	2 649 278
Cantaloupe	2 250 429	1 728 389	1 913 219	1 368 948
Mildew	2 986 614	2 857 846	2 980 841	3 191 408
Mushroom	253 934	276 326	264 410	279 738
Shiitake	2 732 679	2 581 519	2 716 432	2 911 670
Fruits	63 654 193	62 300 900	67 665 646	65 595 349
Banana	3 015 618	3 271 740	3 749 844	3 299 602
Pineapple	7 730 286	7 697 767	8 356 999	6 675 357
Ponkan	2 222 145	2 003 960	2 268 213	2 023 342
Wentan pomelo	1 498 255	1 850 496	1 986 418	1 857 819
Liucheng	2 008 388	1 977 240	2 168 139	2 015 906
Longan	2 687 361	2 816 447	2 875 406	2 769 603
Mango	5 903 157	6 074 843	6 400 061	6 792 447

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

agricultural production

Thousand NT\$

2008	2009	2010 ^r	2011 ^r	2012 ^r	2013 ^p
417 500 509	407 169 198	426 867 099	475 731 535	477 637 601	481 275 410
179 108 002	178 817 249	188 678 050	209 846 336	222 634 079	230 456 822
31 362 747	33 775 015	30 355 766	38 145 866	39 746 469	36 983 554
7 307 213	7 566 855	8 352 689	8 870 591	8 286 146	9 198 862
559 343	689 718	399 580	360 907	290 409	354 958
1 171 698	1 138 524	1 031 716	1 198 641	1 216 293	1 420 672
2 553 790	2 336 188	2 384 772	3 069 487	3 395 916	3 697 016
2 464 073	2 762 760	3 467 744	3 159 771	2 491 497	2 662 031
35 442	10 073	108 680	88 174	92 516	85 605
460 430	567 899	737 962	804 959	515 131	705 627
3 517	5 489	5 092	2 618	3 981	43 960
8 284 282	8 416 737	10 537 316	12 237 649	12 169 050	12 270 736
546 763	585 018	794 306	839 674	630 723	530 802
501 659	476 754	408 093	322 543	297 299	287 079
4 844 785	4 906 438	6 410 527	6 894 424	6 735 506	6 917 312
321 918	378 684	354 166	347 379	332 751	346 851
81 771	168 784	152 833	175 170	136 008	316 894
48 514 048	47 568 073	51 087 595	55 646 218	61 545 259	61 407 066
949 756	731 414	746 634	641 325	733 347	867 419
4 044 663	2 895 013	2 946 943	2 999 101	4 386 706	4 304 797
2 111 081	2 231 998	3 144 130	2 367 004	2 524 988	2 459 814
1 851 783	1 823 683	1 948 911	2 083 534	1 998 925	2 328 142
6 223 127	6 904 640	7 725 999	7 992 818	7 471 248	7 155 400
3 374 816	3 289 823	3 097 297	3 460 109	5 155 979	5 400 896
2 540 941	2 437 337	2 485 170	2 843 300	3 159 871	2 764 964
1 346 172	1 131 789	1 234 681	1 481 827	1 290 118	1 445 398
3 662 672	3 542 048	4 090 987	4 841 117	5 588 562	6 282 938
276 568	292 353	245 638	378 711	329 041	313 182
3 386 104	3 249 695	3 845 349	4 462 406	5 259 521	5 969 756
68 146 840	65 707 329	70 969 743	74 368 402	79 139 070	87 802 590
4 536 205	4 400 020	3 978 714	4 601 381	5 642 506	6 522 039
6 498 808	6 238 070	7 042 078	6 742 965	7 220 603	8 008 823
2 114 469	2 061 756	2 190 094	2 542 709	2 839 494	3 725 753
1 633 471	1 936 130	2 202 493	1 793 245	1 966 680	1 784 777
2 287 126	2 315 485	2 012 233	2 097 659	2 391 344	3 128 059
3 169 370	2 663 917	2 533 998	2 595 296	2 781 715	3 184 122
6 626 867	5 064 466	5 032 899	6 478 771	7 016 029	9 181 220

Table 112. Value of major

Item	2004	2005	2006	2007
Betel nuts	11 512 433	10 080 945	9 838 625	8 599 766
Guava	2 032 113	2 098 646	2 416 396	2 225 783
Wax apple	2 094 944	2 702 705	2 270 869	2 664 019
Grape	2 956 107	2 538 435	3 833 885	3 738 353
Plum	661 555	598 640	512 783	542 430
Japanese apricot	1 225 701	813 996	904 343	818 730
Lichee	2 221 825	2 274 826	2 581 886	2 941 758
Pear	4 058 360	3 904 824	4 033 099	4 700 904
Papaya	1 536 628	1 486 386	2 094 379	1 951 197
Sugar apple	2 809 450	2 531 049	2 720 159	2 916 713
Forestry	523 844	614 203	518 773	492 622
Timber	123 024	175 359	227 971	104 457
Saw-timber	108 046	155 110	213 967	90 830
Firewood	14 937	20 168	13 957	11 262
Tree top wood	41	81	47	2 364
Bamboo	4 363	5 247	4 241	6 514
Fishery	98 700 494	92 811 267	85 658 209	95 578 086
Deep-sea fishery	46 983 079	43 602 060	41 419 202	48 659 903
Inshore fishery	13 397 416	12 634 600	9 679 224	8 602 557
Coastal fishery	6 747 529	5 295 572	5 931 433	5 478 128
Mariculture	3 326 110	3 980 526	4 063 897	4 587 107
Inland water fishing	14 960	13 538	7 709	14 838
Inland water aquaculture	28 231 400	27 284 971	24 556 743	28 235 553
Livestock	124 919 410	126 669 708	118 125 310	124 690 058
Cattle	1 413 148	1 688 140	1 574 074	1 597 305
Hogs	64 366 131	58 811 138	55 476 552	57 003 312
Goats, sheep	1 211 393	1 239 851	1 162 570	836 828
Chicken	29 771 472	34 014 012	30 508 520	32 825 003
Duck	3 520 105	5 090 467	4 691 446	5 082 438
Geese	2 367 641	2 037 340	1 870 766	1 903 568
Cow milk	6 446 753	6 030 475	6 637 805	7 024 399
Honey	623 378	822 464	647 088	418 661
Hen egg	11 618 327	13 099 355	12 174 944	14 184 915
Duck egg	1 259 721	1 452 895	1 193 555	1 567 644

agricultural production (continued)

Thousand NT\$

2008	2009	2010 ^r	2011 ^r	2012 ^r	2013 ^p
8 651 698	8 387 007	8 288 370	8 082 247	8 065 946	8 435 695
2 778 974	2 739 882	3 273 377	3 098 370	3 819 233	3 857 610
2 492 179	1 802 354	2 876 325	3 104 844	3 266 661	5 026 052
3 809 507	4 311 093	4 414 535	4 655 962	4 575 507	4 891 954
690 034	572 463	571 004	558 271	545 857	602 795
799 320	761 501	873 141	861 615	556 941	666 317
2 896 173	3 113 723	2 987 310	3 184 568	3 278 167	3 674 761
4 822 569	5 079 179	6 120 022	5 760 495	5 981 216	4 797 348
2 358 977	2 187 968	2 883 879	2 846 783	3 057 530	3 132 159
2 879 343	2 885 177	2 762 431	2 759 936	2 516 130	2 866 819
445 114	416 165	390 062	388 278	374 936	431 659
109 667	90 733	61 622	87 943	132 809	171 771
100 653	86 923	61 174	86 621	129 043	157 134
8 956	3 665	381	992	3 701	14 611
59	145	67	330	66	26
19 925	26 336	26 742	15 614	14 805	12 855
91 843 193	85 901 383	92 499 034	106 321 684	106 174 291	100 431 578
43 706 858	39 926 218	43 319 996	47 531 566	50 139 586	43 833 652
9 376 801	10 738 745	8 924 129	12 726 058	13 730 358	12 530 670
5 069 824	5 325 900	3 596 694	3 594 362	4 395 228	4 045 954
4 300 366	2 802 461	5 953 314	6 079 394	4 247 021	6 958 826
16 123	7 887	5 591	6 173	5 519	1 150
29 373 221	27 100 173	30 699 310	36 384 131	33 656 579	33 061 325
146 104 200	142 034 401	145 299 953	159 175 237	148 454 295	149 955 351
1 398 365	1 457 356	1 590 984	1 813 420	1 989 840	2 084 830
68 596 020	65 897 983	70 701 364	75 158 291	66 752 941	66 463 490
875 185	838 216	951 360	948 199	1 156 682	1 143 156
37 727 084	36 900 515	36 691 825	41 959 469	37 457 720	38 113 220
5 470 791	5 281 557	5 344 711	5 646 099	5 225 385	6 372 921
2 201 904	1 920 401	2 056 010	2 017 349	2 275 276	2 676 187
7 121 227	7 304 434	8 138 802	9 056 576	9 102 535	9 354 763
613 615	456 195	682 650	1 297 110	1 042 965	959 740
18 179 776	18 329 978	15 340 866	17 234 514	19 362 724	18 990 329
1 804 865	1 627 866	1 577 260	1 734 134	1 810 983	1 603 615

Table 113. Production and consumption

Item	2004	2005	2006	2007
Production, total	1 382 480	1 405 632	1 443 570	1 416 520
Calcium superphosphate	165 036	169 934	200 885	186 290
Ammonium sulphate	527 278	531 237	493 177	496 472
Urea	-	-	-	-
Potassium chloride	-	-	-	-
Calcium ammonium nitrate	-	-	-	-
Combined fertilizers	610 114	625 743	648 804	629 109
Others	80 052	78 718	100 704	104 649
Consumption, total	1 195 465	1 141 483	1 159 310	1 137 444
Calcium superphosphate	117 192	105 458	120 807	113 453
Ammonium sulphate	232 652	240 192	218 215	226 243
Urea	113 914	84 968	81 093	78 358
Potassium chloride	43 180	29 833	31 842	30 969
Calcium ammonium nitrate	6 836	6 360	8 606	6 691
Combined fertilizers	646 088	636 019	677 338	659 178
Others	35 603	38 653	21 409	22 552

Table 114. Farm

Item	2004	2005	2006	2007
Power tiller	46 547	44 321	42 770	40 997
Tractor	14 738	15 043	15 778	15 624
Power rice trans-planter	21 724	19 488	19 174	17 683
Power cultivated for paddy	42 839	33 879	33 853	33 250
Power grass cutter	49 373	48 570	48 864	47 353
Power sprayers	79 329	82 622	78 674	76 043
High quality power sprayers	29 422	25 260	25 671	26 419
Water pump	94 084	102 167	90 531	90 635
Rice combiner	8 974	8 401	9 422	8 030
Corn thresher	1 057	980	1 534	1 032
Tractor mounted seeder	717	748	813	890
Power tiller mounted seeder	1 787	1 897	1 978	1 784
Power agronomic transporter	40 607	38 621	38 537	39 037
Power tea harvester	5 859	6 105	5 733	4 332
Tobacco drier	2 989	2 964	3 344	2 743
Rice drier	28 177	25 729	26 127	26 211
Corn drier	1 122	1 138	878	948

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

of chemical fertilizers

Metric tons

2008	2009	2010	2011	2012	2013
1 426 451	1 326 038	1 352 858	1 463 569	1 417 442	1 467 269
264 616	160 778	201 276	179 274	169 966	133 976
456 271	445 372	501 210	474 325	500 702	475 200
-	-	-	-	-	-
-	-	-	-	-	-
-	-	282	126	-	-
589 092	643 528	534 644	703 486	615 992	704 216
116 472	76 360	115 446	106 358	130 782	153 877
1 013 714	1 042 231	1 030 819	1 008 025	1 010 722	999 908
85 924	76 868	74 283	68 614	63 284	56 679
185 123	195 301	180 802	158 733	144 802	122 277
77 478	75 636	73 420	71 966	74 931	61 856
27 629	30 244	30 210	30 909	27 565	26 796
2 591	1 019	523	438	264	166
627 140	652 013	661 124	653 388	679 091	713 367
7 829	11 150	10 457	23 977	20 785	18 767

machine

Numbers

2008	2009	2010	2011	2012	2013
33 379	31 773	31 266	27 824	21 861	20 381
15 444	15 231	16 415	18 233	16 379	16 911
15 166	14 619	14 545	15 366	8 018	9 718
32 029	27 853	28 002	29 485	22 192	23 316
47 225	41 370	41 663	40 529	36 227	33 595
73 587	69 380	55 306	54 689	43 549	39 983
25 784	23 734	19 919	22 627	13 176	12 310
83 822	70 747	91 927	60 233	35 901	31 304
7 190	6 547	6 060	6 177	4 139	4 351
648	379	318	356	132	130
725	689	797	741	195	177
1 339	761	920	815	221	731
38 353	35 196	29 864	37 012	27 375	21 348
4 343	3 850	4 611	3 459	1 511	1 545
1 333	2 945	1 562	1 739	1 564	2 811
18 520	12 939	9 525	10 846	12 798	13 533
910	910	4 297	2 398	863	646

Table 115. Agricultural household,

Item	2004	2005	2006	2007
Number of farm households				
by degree of engagement ¹	759 716	767 316	756 366	751 338
Full-time	186 869	166 056	166 439	161 817
Part-time	572 847	601 260	589 927	589 521
Full-owner farmers	643 731	671 740	655 830	648 813
Part-owner farmers	80 992	52 517	60 211	74 789
Tenants	30 037	39 074	36 412	23 835
Non-tilling farmers	4 956	3 985	3 913	3 901
Farm household population ¹	3 392 676	3 400 036	3 232 592	3 050 483
Number of fishery households ²	132 832	131 020	125 328	123 807
Deep-sea	5 568	5 767	5 898	5 896
Inshore	31 075	31 569	28 119	27 313
Coastal	52 376	52 892	51 996	50 009
Mariculture	6 334	6 790	5 812	5 992
Inland water fishing	4 038	2 287	2 461	3 664
Inland water culture	33 441	31 715	31 042	30 933
Fishery household population ²	457 040	445 693	421 253	415 706
Deep-sea	19 527	20 972	21 369	21 356
Inshore	105 562	102 077	89 796	83 429
Coastal	184 037	176 713	176 029	175 379
Mariculture	23 590	25 711	22 834	22 281
Inland water fishing	6 722	7 201	6 842	6 869
Inland water culture	117 602	113 019	104 383	106 392
Agricultural employed population ¹ (1 000 persons)	642	591	555	543
Farming and hunting	588	535	500	497
Forestry	4	5	5	5
Fishery	50	51	50	41

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

² Data do not include Kinmen County and Lienchiang County before 2009.

population and employment

Numbers

2008	2009	2010	2011	2012 ^r	2013
748 276	744 147	776 724	777 473	779 375	...
162 880	163 239	188 871	194 827	219 889	...
585 396	580 908	587 853	582 646	559 486	...
644 901	631 880	673 944	670 143	664 570	...
70 777	80 359	54 633	62 278	82 315	...
28 668	27 977	42 754	39 653	27 760	...
3 930	3 931	5 393	5 399	4 730	...
3 027 627	2 983 560	2 961 874	2 944 336	2 930 689	...
132 648	130 231	131 594	131 540	129 906	132 486
5 498	5 367	5 253	5 134	6 037	5 689
28 476	25 246	23 232	22 773	21 670	21 920
61 754	60 099	64 913	64 358	60 371	62 472
5 481	5 724	5 928	6 188	5 916	5 897
3 683	4 170	4 291	5 520	5 206	4 296
27 756	29 625	27 977	27 567	30 706	32 212
396 147	402 695	395 698	400 535	396 154	397 147
20 629	20 034	19 484	19 100	23 022	23 318
84 192	75 179	67 452	69 509	66 962	70 390
180 262	187 593	192 147	193 470	181 608	180 766
22 912	23 191	23 460	23 367	22 083	20 471
6 881	7 239	7 298	10 519	9 923	6 798
81 271	89 459	85 857	84 570	92 556	95 404
535	543	550	542	544	544
478	484	497	484	489	499
5	5	5	6	5	5
52	54	48	52	50	39

Table 116. Available

Item	2001	2002	2003 ^r	2004 ^r	2005 ^r
Domestic production					
Cereals	1 531.9	1 604.6	1 467.9	1 273.6	1 284.8
Starchy roots	232.6	251.8	273.3	233.6	267.5
Sugars & honey	202.8	186.2	166.8	116.2	86.1
Pulses & oilseeds	62.2	86.3	82.6	76.3	60.2
Vegetables	2 572.6	2 852.3	2 608.7	2 626.1	2 327.6
Fruits	2 982.5	3 235.7	3 249.5	3 094.5	2 601.9
Meat	1 708.4	1 680.2	1 623.3	1 635.7	1 613.0
Eggs	437.1	422.3	419.7	414.9	389.0
Fish & sea food	1 318.9	1 408.1	1 501.8	1 291.5	1 333.9
Milk	371.5	380.9	376.0	344.5	324.7
Oils & fats	356.1	380.0	388.5	350.5	384.8
Wine & beer (1 000 H.L.)	6 423.5	4 121.5	4 050.9	4 230.9	4 262.1
Domestic supply					
Cereals	8 000.1	7 868.0	7 835.7	7 781.6	7 866.3
Starchy roots	1 636.0	1 439.8	1 534.7	1 649.5	1 576.8
Sugars & honey	572.2	547.5	603.8	555.8	595.2
Pulses & oilseeds	2 353.0	2 559.4	2 636.4	2 345.2	2 603.5
Vegetables	2 734.4	3 039.0	2 821.8	2 835.8	2 632.7
Fruits	3 328.2	3 648.7	3 583.9	3 478.6	3 105.3
Meat	1 838.7	1 860.5	1 856.4	1 892.5	1 875.6
Eggs	437.3	422.5	419.8	414.4	388.9
Fish & sea food	898.5	917.0	1 011.4	818.1	776.8
Milk	507.7	527.9	517.2	489.0	460.7
Oils & fats	649.7	682.3	696.0	694.0	764.7
Wine & beer (1 000 H.L.)	7 484.0	5 476.2	5 478.9	5 400.8	5 120.1
Per capita daily nutrient availability					
Energy (Kcal.)	2 805.2	2 866.4	2 908.3	2 830.1	2 891.3
Protein (Gm.)	92.4	94.9	96.1	91.9	91.6
Fat (Gm.)	117.2	124.4	124.8	120.0	126.6

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

food supplies

1 000 metric tons

2006 ^r	2007 ^r	2008 ^r	2009 ^r	2010 ^r	2011 ^r	2012
1 350.7	1 180.6	1 259.7	1 368.4	1 244.9	1 428.1	1 436.9
303.1	264.1	291.8	295.6	287.5	283.0	280.3
63.1	70.1	69.5	58.3	66.2	69.8	61.3
80.9	59.7	63.6	67.3	75.7	81.3	69.0
2 499.9	2 267.6	2 329.6	2 360.2	2 427.5	2 556.2	2 371.3
3 031.4	2 888.6	2 773.6	2 665.4	2 905.9	3 034.7	2 890.1
1 647.4	1 612.7	1 519.4	1 526.3	1 532.4	1 585.9	1 550.4
396.9	401.7	389.7	385.0	403.4	399.7	404.6
1 292.4	1 515.1	1 356.4	1 107.5	1 181.9	1 238.8	1 266.5
341.7	340.0	333.4	339.2	352.9	367.5	364.6
383.4	391.2	343.5	370.9	374.1	364.8	388.6
4 471.4	4 432.8	4 198.4	4 689.9	4 703.1	5 079.9	5 365.8
7 773.3	7 632.9	7 209.5	7 380.5	7 374.6	7 333.7	7 340.3
1 742.8	1 689.7	1 757.6	1 701.9	1 573.3	1 528.8	1 763.3
554.8	551.4	559.9	583.1	555.5	560.8	601.8
2 597.5	2 649.1	2 303.7	2 486.1	2 515.1	2 454.4	2 615.8
2 804.1	2 639.3	2 632.3	2 651.9	2 690.7	2 759.1	2 670.0
3 442.6	3 268.1	3 193.5	3 038.1	3 260.1	3 388.7	3 253.7
1 926.8	1 825.9	1 783.7	1 816.1	1 870.5	1 910.4	1 874.5
397.0	401.2	388.8	384.7	403.3	399.1	404.8
726.7	946.9	884.7	776.9	853.9	909.0	925.9
480.0	470.5	438.5	466.3	480.3	501.6	490.9
697.3	709.4	637.9	667.1	696.0	648.9	705.3
5 916.4	5 805.0	5 623.7	5 920.7	6 230.3	6 746.6	7 072.1
2 759.4	2 781.6	2 579.8	2 680.1	2 694.2	2 674.8	2 729.5
90.1	92.0	84.5	86.8	88.3	89.7	89.6
118.4	119.1	107.5	111.6	115.2	111.7	115.2

Table 117. Cultivated, forest and aquaculture land areas

Hectares

End of Year	Cultivated land ¹					Forest land area	Aquaculture area ²
	Total	Paddy field			Upland field		
		Sub-total	Double-cropping	Single-cropping			
1984	891 655	496 897	347 804	149 093	394 758	1 865 141	47 988
1985	887 660	494 535	346 362	148 173	393 125	1 865 141	48 002
1986	887 451	494 579	346 342	148 237	392 872	1 865 141	65 360
1987	886 281	487 809	345 281	142 528	398 472	1 865 141	52 668
1988	894 974	483 514	344 084	139 430	411 460	1 865 141	53 576
1989	894 601	479 954	340 359	139 595	414 647	1 865 141	54 957
1990	890 090	476 997	340 954	136 043	413 093	1 865 141	58 345
1991	884 443	472 759	333 448	139 311	411 684	1 846 970	58 327
1992	875 951	465 016	328 152	136 864	410 935	1 846 970	58 287
1993	874 535	463 560	329 660	133 900	410 975	1 866 208	56 526
1994	872 307	461 226	329 227	131 999	411 081	2 102 312	55 178
1995	873 378	459 335	329 106	130 229	414 043	2 102 312	55 868
1996	872 159	456 167	328 134	128 033	415 992	2 101 719	52 218
1997	864 817	454 865	324 867	129 998	409 952	2 101 719	48 501
1998	858 756	450 616	322 973	127 643	408 139	2 101 719	49 087
1999	855 073	444 456	321 139	123 317	410 616	2 101 719	48 211
2000	851 495	442 005	317 495	124 510	409 489	2 101 719	47 882
2001	848 743	438 974	315 544	123 430	409 769	2 101 719	45 153
2002	847 334	435 369	314 116	121 253	411 965	2 101 719	44 667
2003	844 097	432 949	319 021	113 928	411 148	2 101 719	45 562
2004	835 507	427 592	328 713	98 879	407 915	2 101 719	42 334
2005	833 176	425 667	328 836	96 831	407 510	2 101 719	41 718
2006	829 527	423 721	328 473	95 247	405 806	2 101 719	43 163
2007	825 947	422 177	327 552	94 625	403 769	2 101 719	41 556
2008	822 364	420 580	327 728	92 852	401 784	2 101 719	43 255
2009	815 462	415 776	329 592	86 184	399 686	2 101 719	41 013
2010	813 126	410 832	322 448	88 384	402 293	2 101 719	40 301
2011 r	808 294	406 064	330 011	76 054	402 230	2 101 719	40 448
2012	802 876	399 432	325 987	73 445	403 444	2 101 719	40 194
2013	799 830	396 504	324 456	72 048	403 325	2 101 719	40 943

Notes : ¹ 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.

² Aquaculture area refers to inland water culture area.
Data do not include Kinmen County and Lienchiang County.

INDUSTRY

This chapter is concerned with statistical data on industries and energy. Data on industrial production and industrial production indices are obtained from statistical results of the monthly industrial production, shipment and inventory survey issued in the *Yearbook of Industrial Production Statistics* 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, electricity & gas, 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”. 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. Mail communication and internet submitting are the main ways of reporting, and the auxiliary methods are using telephone and fax to communicate with the surveyed factories by assigned specialists. 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 2010.

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 118. Indices of

2011 = 100

Item	2001	2002	2003	2004	2005
General	56.66	60.88	66.42	72.59	75.00
Mining & quarrying	144.90	157.15	145.97	140.32	127.09
Crude petroleum & natural gas extraction	264.27	272.60	259.19	239.11	172.26
Sand, stone & clay quarrying	117.74	133.52	121.10	119.33	121.24
Other mining & quarrying	73.43	73.91	82.86	106.54	124.63
Manufacturing	53.86	58.67	64.27	70.68	72.94
Food	103.52	101.00	99.68	97.06	98.59
Beverages	101.14	74.71	77.44	75.67	76.89
Tobacco	104.31	90.97	96.18	76.48	80.80
Textile mills	148.47	144.54	137.73	140.90	123.19
Wearing apparel & clothing accessories	327.01	287.18	255.90	235.41	197.39
Leather, fur & related products	178.50	185.80	180.46	183.92	176.91
Wood & bamboo products	199.49	167.79	153.78	147.19	132.96
Pulp, paper & paper products	91.16	96.19	105.13	108.80	106.94
Printing & reproduction of recorded media	70.78	71.44	82.96	93.30	101.36
Petroleum & coal products	80.41	90.76	104.88	122.90	127.54
Chemical material	67.54	73.64	79.88	85.21	85.07
Chemical products	74.16	78.06	80.84	87.88	87.30
Pharmaceuticals & medicinal chemical products	76.47	73.43	79.24	84.71	83.45
Rubber products	74.87	84.03	90.69	98.43	94.16
Plastic products	117.49	121.71	123.10	126.10	118.83
Non-metallic mineral products	94.13	98.84	101.49	105.18	103.67
Basic metal	73.16	81.11	84.63	89.19	84.61
Fabricated metal products	90.52	93.30	95.06	98.25	94.97
Electronic parts & components	18.01	22.21	27.75	33.47	41.69
Computers, electronic & optical products	48.16	51.82	55.22	57.09	57.00
Electrical equipment	106.18	116.58	121.70	124.69	116.62
Machinery & equipment	54.22	59.06	65.14	74.57	77.64
Motor vehicles & parts	67.42	83.63	95.99	111.48	114.08
Other transport equipment & parts	70.98	73.27	76.69	94.36	103.97
Furniture	144.40	121.07	107.62	114.17	109.63
Manufacturing not elsewhere classified	86.21	89.83	91.76	94.32	94.42
Electricity and gas supply	81.82	85.72	89.39	92.38	96.29
Water supply	102.46	97.12	99.23	98.95	99.48
Buildings construction	127.26	100.97	110.07	115.33	128.46

industrial production

2006	2007	2008	2009	2010	2011	2012	2013
78.60	84.70	83.73	77.11	95.75	100.00	99.75	100.40
120.75	100.25	95.68	87.63	107.67	100.00	97.27	92.33
144.19	128.71	110.62	108.62	90.55	100.00	131.57	113.85
121.10	97.39	96.41	85.96	107.95	100.00	95.84	91.29
117.56	137.71	157.55	155.55	140.56	100.00	102.64	107.27
76.30	82.66	81.92	75.53	95.52	100.00	99.68	100.24
98.21	97.02	93.90	93.85	99.30	100.00	100.68	100.65
78.28	78.16	78.45	83.66	91.59	100.00	102.49	97.89
76.10	80.33	82.41	86.90	89.85	100.00	105.56	104.78
119.26	118.68	106.53	94.92	106.55	100.00	96.85	98.82
178.26	160.64	133.21	105.78	115.41	100.00	89.00	82.25
154.35	137.20	122.63	108.74	119.44	100.00	93.95	87.76
128.29	115.43	102.87	84.96	94.23	100.00	99.95	100.30
103.03	104.94	99.32	94.20	99.57	100.00	99.90	99.28
99.02	99.60	100.01	90.31	98.98	100.00	94.34	90.51
120.53	122.43	111.84	112.52	107.87	100.00	106.78	110.36
87.49	98.67	91.88	98.54	107.00	100.00	102.79	103.60
90.48	90.26	87.95	82.06	99.02	100.00	97.38	100.69
83.69	87.84	89.83	95.84	100.47	100.00	103.59	104.28
91.28	95.84	93.64	77.71	99.57	100.00	95.26	94.10
111.31	111.47	101.38	86.67	98.96	100.00	99.67	98.85
101.75	99.87	92.41	80.06	93.91	100.00	94.83	94.09
91.99	93.41	86.10	75.23	96.06	100.00	95.98	98.89
96.19	95.60	92.22	72.11	91.30	100.00	96.35	98.08
51.55	63.47	69.61	67.87	96.73	100.00	105.37	109.68
53.22	57.62	59.91	50.64	71.48	100.00	87.34	78.26
108.32	101.37	95.59	80.42	98.75	100.00	95.17	92.85
81.23	89.00	83.82	57.01	91.64	100.00	90.84	84.88
93.54	88.20	72.98	70.98	92.47	100.00	100.39	98.24
98.50	109.65	120.70	88.97	97.32	100.00	105.11	105.50
109.49	113.91	106.14	85.95	100.30	100.00	102.09	101.20
91.16	93.66	92.19	84.33	99.32	100.00	103.14	105.45
98.69	101.59	99.64	96.98	99.38	100.00	99.18	101.26
102.31	102.59	100.76	98.47	99.80	100.00	99.40	100.10
140.05	139.37	126.46	102.33	92.95	100.00	107.12	111.07

Table 119. Indices of

2011 = 100

Item	2001	2002	2003	2004	2005
Index of manufacturing production	53.86	58.67	64.27	70.68	72.94
By four industries					
Metal & machinery industry	64.72	70.45	74.77	92.85	91.37
Information & electronic industry	27.76	32.48	38.16	37.66	44.21
Chemistry industry	73.86	80.06	87.70	96.52	96.14
Food, textile & other industry	113.18	108.92	107.25	107.08	103.67
By heavy or light industries					
Light industry	108.14	106.18	106.75	109.07	105.70
Heavy industry	44.82	50.69	57.08	64.10	67.27
By usage					
Final demand goods	76.46	78.49	81.75	86.47	86.15
Investment goods	68.60	71.31	71.98	78.13	77.72
Capital goods	62.01	63.61	65.11	70.17	70.23
Construction materials	96.53	105.19	101.00	112.59	110.18
Consumer goods	81.66	83.17	88.29	91.95	91.71
Durable goods	93.37	106.75	124.78	136.11	137.86
Non-durable goods	78.94	77.78	80.01	81.94	81.23
Producer goods	45.63	51.46	57.92	64.94	68.15
For mining & Mfg. goods	45.39	51.11	57.36	63.81	67.03
Other producer goods	69.94	79.53	91.67	108.58	110.95
By intensities					
Labor					
High intensity	70.98	76.70	85.09	94.22	93.36
Medium intensity	33.42	38.00	42.08	47.84	53.01
Low intensity	61.80	65.92	70.71	75.26	77.48
Capital					
High intensity	44.82	49.62	54.72	61.28	64.93
Medium intensity	65.47	70.83	77.77	84.63	84.80
Low intensity	102.31	105.25	109.24	113.71	111.41
Energy					
High intensity	69.98	75.98	82.93	88.75	87.13
Medium intensity	41.64	46.06	51.83	59.59	63.94
Low intensity	47.87	51.77	55.89	61.02	64.85
Human capital					
High intensity	33.21	37.66	42.95	49.61	55.46
Medium intensity	80.56	85.54	91.33	95.84	93.81
Low intensity	123.10	123.81	123.44	125.20	117.81
Index of producer's shipments	58.63	63.16	67.33	73.53	77.67
Index of producer's inventory	81.74	75.03	75.45	78.87	85.10

manufacturing production

2006	2007	2008	2009	2010	2011	2012	2013
76.30	82.66	81.92	75.53	95.52	100.00	99.68	100.24
92.55	94.10	88.42	72.09	94.18	100.00	95.91	95.58
51.36	61.71	67.06	63.89	90.89	100.00	101.20	102.42
95.62	102.04	95.71	96.07	104.54	100.00	101.66	102.40
101.59	100.82	95.37	89.31	99.09	100.00	99.58	99.50
102.34	101.84	96.83	89.57	99.60	100.00	99.57	98.71
71.72	79.17	79.14	72.92	94.76	100.00	99.70	100.52
83.27	84.77	81.90	71.85	88.00	100.00	94.42	90.21
78.29	84.40	83.24	68.81	89.77	100.00	94.91	93.07
70.63	80.10	81.01	65.95	89.56	100.00	94.53	92.03
111.46	103.60	93.74	81.76	90.71	100.00	96.62	97.79
86.34	84.50	80.42	73.60	86.98	100.00	94.15	88.57
114.71	104.85	97.81	80.04	95.50	100.00	102.66	96.20
79.99	80.02	76.62	72.33	85.30	100.00	92.46	87.06
73.81	81.97	82.02	76.96	98.46	100.00	101.73	104.16
72.87	81.05	81.18	75.99	98.25	100.00	101.62	104.02
107.65	113.82	110.28	111.79	106.15	100.00	105.64	109.12
92.06	92.90	90.15	74.78	95.95	100.00	100.70	100.49
58.41	68.13	69.20	68.14	91.55	100.00	97.18	98.32
82.84	90.83	90.06	85.76	100.13	100.00	101.77	102.42
71.03	79.63	79.26	76.80	97.86	100.00	102.62	105.89
83.90	87.06	85.93	73.06	91.99	100.00	95.28	92.05
108.95	105.67	101.02	91.02	97.18	100.00	100.59	95.37
89.38	92.83	86.59	82.18	101.07	100.00	103.34	106.81
71.93	79.24	79.68	72.79	94.62	100.00	101.04	102.65
65.80	73.59	76.48	69.09	89.27	100.00	94.29	90.58
61.03	70.22	73.03	68.75	92.57	100.00	100.31	101.41
94.64	97.54	92.57	83.26	98.82	100.00	98.07	97.97
113.46	113.31	102.86	96.63	105.38	100.00	107.74	107.09
80.99	87.72	87.46	83.12	97.17	100.00	99.47	98.09
85.40	87.64	95.76	88.49	89.18	100.00	106.33	106.79

Table 120. Production of major

Item	Unit	2004	2005	2006
Frozen meat & frozen prepared food	M.T.	375 761	431 292	438 974
Prepared animal feeds	M.T.	5 188 385	5 218 070	5 182 519
Wine & liquor (excl. beer)	H.L.	649 090	575 050	563 674
Fruit & vegetable juice	1 000 L	349 837	330 914	307 959
Carbonated beverage	1 000 L	383 264	383 796	344 789
Polyester textured yarn fabrics	1 000 M ²	1 631 021	1 380 857	1 217 876
Non-woven fabrics	M.T.	161 325	149 264	153 769
Paper board	M.T.	3 554 986	3 377 999	3 350 646
Toilet soap	M.T.	8 227	6 802	6 555
Synthetic detergent	M.T.	111 352	115 504	119 001
Automobile tire	1 000 Pcs.	23 451	23 225	22 316
Sheet glass	M.T.	458 020	483 885	509 359
Ceramic tiles	1 000 M ²	52 299	53 085	52 889
Cement	M.T.	19 049 935	19 890 989	19 293 803
Steel bloom & billet	M.T.	17 116 014	16 198 228	17 705 543
Re-bar	M.T.	6 586 521	6 800 478	7 408 582
Aluminium & aluminium alloy ingots	M.T.	274 653	250 717	250 592
IC manufacturing (Excl. MOS DRAM)	1 000 Pcs.	1 966 107	1 497 305	1 976 447
Printed circuit board	1 000 Ft ²	559 391 515	641 843 686	685 488 490
Light emitting diode	1 000 Pcs.	6 927 494	9 294 939	11 722 524
Portable computer	Sets	6 628 142	4 415 887	3 050 526
LCD displays	Sets	3 421 815	2 280 248	1 412 556
Telephone set	Sets	1 290 200	927 461	986 421
Refrigerator for household use	Sets	595 986	461 005	448 582
Washing machine	Sets	339 553	313 547	307 371
Electric fan	Sets	10 985 171	8 547 215	6 901 593
NC lathe & general lathe	Sets	23 074	24 612	22 543
Milling machine	Sets	15 106	13 672	12 975
Sawing machine	Sets	56 721	59 915	55 617
Press machine	Sets	8 585	6 909	6 978
Sewing machines	Sets	1 988 263	1 762 614	1 490 264
Passenger car	Sets	345 323	363 562	234 437
Truck, bus & commercial van	Sets	79 639	76 889	66 957
Engine & parts for motor vehicles	Million NT\$	13 873	13 417	11 549
Bicycle	Sets	4 948 505	4 867 944	4 415 365
Wood furniture & fixtures	Million NT\$	9 103	7 989	7 784
Golf equipment	Million NT\$	12 403	14 782	11 166
Toy & doll	Million NT\$	9 877	8 864	8 314

manufactured goods

2007	2008 ^r	2009 ^r	2010 ^r	2011 ^r	2012 ^r	2013
458 405	445 345	480 744	487 249	507 041	517 704	516 939
5 094 553	5 105 712	5 158 845	5 180 805	5 256 373	5 250 978	5 098 034
585 257	594 073	833 291	1 068 764	1 320 965	1 330 765	1 257 708
313 039	360 888	378 463	343 008	271 801	281 158	282 511
301 882	282 172	307 521	293 238	306 073	288 609	276 353
1 404 911	1 202 946	1 083 390	1 209 452	1 092 395	1 029 095	1 084 851
137 719	138 674	125 393	136 604	129 960	130 456	144 520
3 406 476	2 909 620	2 775 312	2 850 379	2 931 064	3 073 574	3 054 693
5 922	5 112	5 314	5 425	5 827	5 932	6 000
126 483	123 737	120 247	124 428	116 899	120 667	113 648
23 592	21 361	19 254	24 509	23 330	22 050	22 234
630 599	574 241	375 695	473 945	474 568	402 017	404 835
49 079	40 929	33 045	38 662	41 593	44 742	46 374
18 957 336	17 330 277	15 918 474	16 300 989	16 852 035	15 807 591	16 553 533
19 264 873	17 892 679	14 085 597	18 975 383	21 639 533	19 926 993	21 466 231
6 234 383	5 223 157	4 575 570	5 358 318	5 977 097	5 720 702	5 618 865
284 325	273 526	266 372	317 414	304 888	320 000	328 826
1 759 397	1 799 513	2 082 595	2 786 383	3 090 729	3 540 387	4 058 783
684 336 867	698 626 770	710 391 855	1050 800 073	1106 579 841	1178 943 751	944 577 632
15 867 631	18 459 907	19 337 273	30 713 647	35 182 182	33 510 662	36 393 438
1 256 527	754 260	373 964	327 551	3 197 828	750 066	396 832
1 343 071	962 329	978 921	1 230 225	1 252 565	1 209 206	871 537
674 791	496 346	445 124	429 950	419 560	381 254	287 922
456 228	310 140	389 321	391 746	333 924	435 169	416 585
332 537	301 647	336 660	325 182	311 711	415 921	336 954
7 244 177	5 818 805	5 123 367	7 180 808	6 208 385	6 607 689	6 349 248
24 063	22 947	9 019	20 475	24 515	24 412	20 739
12 969	11 746	5 284	9 734	10 627	9 177	7 905
59 590	47 799	22 475	34 039	37 599	34 340	36 892
6 421	4 568	1 937	3 838	3 456	2 855	2 473
1 356 491	1 416 372	1 118 353	1 374 189	1 357 575	1 345 410	1 283 877
213 136	137 559	178 275	233 813	270 563	266 015	274 487
68 759	41 493	46 923	67 434	70 624	70 745	61 459
12 588	12 371	11 015	13 145	13 710	13 921	12 434
5 125 628	6 144 069	4 793 394	5 142 914	4 555 289	4 564 330	4 058 419
7 884	7 531	6 439	7 407	7 349	7 188	6 989
11 589	9 879	8 021	9 898	9 330	12 048	11 009
8 051	7 298	6 635	7 516	7 701	8 594	6 485

Table 121.

Item	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006 ^r
Total supply	111 424	119 583	132 608	133 679	136 530
Indigenous energy	2 342	2 694	2 713	2 577	2 584
Crude oil	51	46	45	32	24
Natural gas	788	739	707	487	412
Biomass and waste	1 151	1 530	1 559	1 570	1 629
Conventional Hydropower	266	290	307	381	391
Solar photovoltaic & wind power	2	2	2	9	27
Solar thermal	84	88	93	98	102
Imported energy	109 082	116 889	129 895	131 103	133 946
Coal & coal products	34 436	36 332	39 982	39 704	41 135
Crude oil & petroleum products	56 191	61 993	69 404	70 450	71 100
L.N.G.	7 001	7 301	9 073	9 373	10 164
Biomass and waste	-	-	-	-	-
Nuclear power	11 455	11 263	11 436	11 576	11 546
Total demand	111 424	119 583	132 608	133 679	136 530
Domestic consumption	95 036	98 706	102 818	104 846	107 030
By sector					
Energy sector own use	7 939	8 220	8 509	8 945	9 028
Energy use	72 425	73 914	76 836	78 742	80 379
Non-energy use	14 672	16 571	17 473	17 159	17 622
By final energy form					
Coal & coal products	7 249	7 364	7 362	7 202	7 693
Petroleum products	39 922	41 708	43 614	43 633	43 297
Natural gas	2 348	2 190	2 324	2 319	2 330
Biomass and waste	164	180	165	165	158
Electricity	45 239	47 142	49 226	51 312	53 283
Solar thermal	84	88	93	98	102
Heat	28	34	34	117	166
Exports	6 846	11 123	14 784	17 064	16 293
International marine bunkers	2 790	3 430	2 772	2 720	2 683
International civil aviation	1 948	1 921	2 193	2 272	2 365
Change in stocks	- 785	- 1 097	3 124	577	1 711
Transfers	4 935	6 250	6 481	7 400	6 507
Statistical difference	190	- 135	606	- 1 210	64
Transformation input	97 010	106 178	115 643	121 065	121 546
Transformation output	98 651	108 865	117 891	123 247	123 987
Loss	2 106	2 072	2 079	2 192	2 318
Consumption per capita (LOE)	4 241	4 388	4 553	4 627	4 705

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

Energy

10³ K.L. Oil Equivalent

2007 ^r	2008 ^r	2009 ^r	2010 ^r	2011 ^r	2012 ^r	2013
144 192	139 162	136 268	142 501	138 237	140 768	143 136
3 151	3 010	2 860	2 796	2 864	3 073	3 007
18	16	16	14	11	11	11
371	318	312	263	293	393	339
2 193	2 099	1 984	1 903	1 914	1 861	1 837
422	412	358	401	382	542	518
42	57	76	101	149	152	189
105	110	113	114	113	114	113
141 041	136 152	133 408	139 705	135 372	137 695	140 129
43 202	41 999	38 251	41 748	43 378	41 788	43 156
75 249	70 451	71 519	71 376	63 811	67 507	68 115
10 850	11 879	11 599	14 526	15 986	16 694	16 799
0	0	0	0	0	0	0
11 740	11 823	12 039	12 056	12 197	11 706	12 059
144 192	139 162	136 268	142 501	138 237	140 768	143 136
112 284	109 096	106 782	113 380	111 897	111 532	114 399
8 832	8 091	7 777	8 062	8 039	7 913	7 859
81 430	79 222	75 959	81 087	82 518	81 238	82 198
22 022	21 783	23 045	24 231	21 340	22 381	24 342
8 510	8 126	7 489	8 796	9 377	9 269	10 007
46 299	44 011	44 900	46 269	42 789	42 832	44 470
2 433	2 505	2 505	2 976	3 421	3 748	3 710
197	211	173	203	188	174	163
54 532	53 971	51 306	54 675	55 686	55 052	55 626
105	110	113	114	113	114	113
207	163	296	347	322	344	310
19 307	18 934	20 788	17 584	14 879	18 235	19 050
2 401	2 068	1 831	1 978	1 809	1 313	1 360
2 336	2 062	1 949	2 199	2 194	2 306	2 445
- 196	720	- 1 263	- 35	- 704	241	- 1 029
7 787	7 502	6 414	7 072	6 722	6 939	6 888
632	438	- 454	720	1 218	15	852
123 626	118 026	117 026	121 349	120 442	125 487	123 462
126 250	121 713	119 017	124 044	122 614	127 461	125 977
2 265	2 027	2 212	2 298	2 394	2 162	1 686
4 917	4 761	4 645	4 921	4 847	4 817	4 928

Table 122. Construction of building

Thousand M²

Year	Indexes of buildings construction 2011 = 100	Issued building usage license						
		Total	By material					
			Reinforced concrete	Steel frame & reinforced concrete	Steel	Brick	Wood	Others
1984	109.57	27 209	19 542	1 860	937	4 536	94	240
1985	109.96	28 115	21 418	662	915	4 642	87	391
1986	99.62	25 974	20 150	205	887	4 332	17	382
1987	96.59	25 150	19 472	217	946	3 860	31	624
1988	114.51	29 608	22 687	646	1 371	4 107	27	769
1989	121.82	31 234	25 306	428	1 483	3 145	21	851
1990	122.58	31 271	25 665	384	2 210	2 833	35	144
1991	126.89	31 995	26 536	1 257	2 055	2 067	13	68
1992	148.65	36 922	31 496	1 726	1 945	1 572	66	118
1993	190.57	47 501	41 479	1 306	2 778	1 617	73	246
1994	236.12	58 159	51 580	2 589	2 230	1 510	61	190
1995	226.32	55 263	50 030	2 853	1 159	988	32	201
1996	186.80	45 709	40 261	3 006	1 160	871	19	391
1997	156.62	38 462	32 777	3 064	1 504	718	32	367
1998	157.48	38 683	32 873	3 150	1 375	666	53	567
1999	167.89	41 240	34 584	3 721	1 632	596	58	649
2000	143.29	35 024	27 742	4 388	1 358	566	86	884
2001	127.26	31 168	21 638	5 318	1 719	962	123	1 407
2002	100.97	24 386	17 209	4 890	793	493	67	935
2003	110.07	26 497	19 540	5 108	997	254	75	523
2004	115.33	27 873	22 548	4 177	633	206	74	234
2005	128.46	31 028	25 512	4 502	618	192	47	157
2006	140.05	36 202	30 001	2 756	3 185	205	25	30
2007	139.37	36 024	29 443	3 076	3 237	203	32	33
2008	126.46	32 717	26 911	2 086	3 451	219	22	29
2009	102.33	26 535	20 635	2 933	2 742	158	28	38
2010	92.95	24 014	17 404	2 884	3 495	157	47	27
2011	100.00	25 885	19 261	2 278	4 064	167	45	71
2012	107.12	27 761	21 217	2 261	4 025	166	42	51
2013	111.07	28 772	22 161	2 495	3 896	131	44	44

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

TRANSPORTATION, STORAGE AND COMMUNICATIONS

This chapter is concerned with statistical data on sea transportation, inland transportation, air transportation, postal services, communications, and tourism. All of the information except for tourism and communications is obtained from official registration data, which are incorporated in the *Statistical Abstract of Transportation and Communications* 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 are from the *Report on Tourists' Consumption and Activities Survey* published by the Tourism Bureau. Besides, data of communications except for internet users, obtained from Institute for Information Industry, come from National Communications Commission.

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 6,034 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 123. 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)
1984	8 458	2 493	25 644	9 191	807	409
1985	8 309	2 300	25 776	9 223	916	429
1986	8 316	2 365	24 519	9 359	1 047	440
1987	8 463	2 490	23 625	10 586	1 249	469
1988	8 237	2 278	22 850	11 340	1 560	512
1989	8 145	2 112	20 999	11 494	1 930	573
1990	8 323	1 877	20 755	11 543	2 263	620
1991	8 621	1 961	20 549	11 814	2 541	636
1992	9 361	2 140	19 839	12 220	2 900	692
1993	9 552	2 018	19 411	12 867	3 239	718
1994	9 515	2 007	17 995	13 091	3 570	733
1995	9 499	1 900	16 151	12 492	3 874	770
1996	9 032	1 585	15 421	11 991	4 146	800
1997	9 507	1 514	14 417	12 165	4 412	836
1998	10 305	1 404	14 298	17 426	4 545	837
1999	11 020	1 315	14 247	18 251	4 509	804
2000	12 624	1 179	14 657	18 182	4 716	833
2001	12 269	1 010	15 237	27 810	4 826	855
2002	12 147	941	15 770	28 341	4 989	882
2003	11 178	864	14 744	28 735	5 170	911
2004	12 051	909	15 778	31 029	5 391	946
2005	12 255	982	16 100	31 210	5 634	980
2006	12 352	997	16 386	31 218	5 698	999
2007	15 769	890	15 979	30 547	5 713	1 003
2008	19 066	933	15 783	30 160	5 674	1 001
2009	19 277	776	15 882	29 071	5 704	1 014
2010	20 931	873	16 307	29 632	5 803	1 023
2011 r	22 826	853	17 040	29 551	5 960	1 043
2012 r	24 208	833	17 585	29 851	6 091	1 055
2013	25 323	729	17 915	38 474	6 237	1 070

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

Table 124. 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
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	145 082	380 816	427 768
2002	4 235	907	41 477	155 830	384 575	461 712
2003	3 735	905	44 810	162 753	417 577	471 160
2004	3 707	904	47 849	174 935	437 433	472 914
2005	3 375	905	48 015	162 365	452 703	484 699
2006	3 005	905	47 558	163 049	475 785	503 737
2007	2 853	757	50 810	173 699	480 700	498 593
2008	2 868	757	45 745	174 182	471 040	486 700
2009	2 704	672	45 750	157 039	525 502	515 483
2010	2 789	556	49 257	168 826	559 768	548 691
2011	2 889	428	47 347	167 340	592 117	572 716
2012	3 114	127	46 534	166 186	568 604	558 547
2013	3 374	128	47 427	169 083	583 434	560 623

Notes : 1. Since 2001, the cargo figures have been calculated from customs declaration. Prior to and including 2000, they were sourced from manifest.
2. The data of goods and foreign vessels do not include Kinmen County and Lienchiang County.

Table 125. Civil aviation

Year	Number of flights		Passenger transportation (Thousand persons)		Freight transportation (metric tons)	
	Domestic	International	Domestic	International	Domestic	International
1984	99 657	38 970	6 342	4 519	27 952	309 554
1985	104 742	39 459	5 854	4 523	25 818	302 158
1986	102 548	40 566	5 303	4 828	21 573	402 964
1987	117 004	42 755	6 682	5 679	25 142	485 599
1988	130 310	47 183	7 614	7 129	26 740	516 053
1989	183 077	51 813	8 910	8 297	31 583	576 997
1990	191 132	60 691	9 043	9 680	36 704	625 431
1991	249 300	68 181	11 210	10 364	44 681	670 127
1992	300 274	77 542	14 875	12 117	53 130	763 308
1993	361 061	87 930	18 442	12 887	60 616	793 264
1994	435 244	100 383	23 299	13 673	70 820	809 453
1995	521 532	111 356	28 773	14 954	31 386	744 398
1996	577 033	123 931	35 902	16 157	29 409	791 803
1997	580 115	135 730	37 400	17 069	31 210	909 900
1998	503 321	135 023	33 294	16 440	26 407	936 403
1999	483 979	132 343	32 534	17 808	30 573	1 064 289
2000	448 181	138 379	26 650	19 780	33 853	1 214 859
2001	414 698	147 212	24 614	19 501	37 375	1 035 552
2002	392 532	156 023	21 890	20 063	44 246	1 137 627
2003	342 681	146 490	20 052	15 913	43 704	1 186 032
2004	329 632	175 230	20 995	20 756	40 623	1 254 890
2005	297 724	181 775	19 294	22 485	37 428	1 216 009
2006	275 232	188 274	17 365	23 774	40 211	1 207 998
2007	228 869	192 610	12 711	24 432	40 041	1 191 118
2008	183 234	174 748	9 850	23 203	36 746	1 035 352
2009	168 795	166 872	9 233	23 096	36 925	932 985
2010	171 086	189 323	9 733	27 736	36 675	1 163 941
2011 r	179 803	205 337	10 484	29 093	35 899	1 108 647
2012 r	174 572	230 123	10 680	32 869	36 153	1 102 078
2013	179 257	247 378	10 547	36 183	35 543	1 082 511

Table 126. 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)	
1984	-	3 947	57.60	20.7	-
1985	-	4 228	61.69	21.9	-
1986	-	4 540	66.25	23.3	-
1987	-	4 909	71.63	24.9	-
1988	-	5 332	77.81	26.7	-
1989	22	5 823	84.96	28.9	-
1990	83	6 301	91.94	30.9	-
1991	197	6 853	100.00	33.3	1
1992	385	7 418	108.25	35.7	5
1993	539	7 951	116.01	37.9	10
1994	584	8 503	124.08	40.2	18
1995	770	9 175	133.88	43.0	25
1996	970	10 011	146.07	46.5	60
1997	1 492	10 862	158.50	50.0	166
1998	4 727	11 500	167.81	52.4	301
1999	11 541	12 044	175.74	54.5	480
2000	17 874	12 642	184.47	56.8	627
2001	21 786	12 858	187.63	57.4	782
2002	24 391	13 099	191.14	58.2	859
2003	25 800	13 355	194.88	59.1	883
2004	22 760	13 530	197.43	59.6	916
2005	22 171	13 615	198.67	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	187.09	55.5	1 067
2010	27 840	12 696	185.26	54.8	1 079
2011	28 862	12 679	185.01	54.6	1 097
2012	29 449	12 411	181.10	53.2	1 107
2013	29 701	12 229	178.45	52.3	1 109

Table 127. International telephone business

Thousands

Year	Outgoing calls		Outgoing calls between the Straits	
	No. of calls	No. of minutes	No. of calls	No. of minutes
1984	8 941	45 783	-	-
1985	13 321	58 021	-	-
1986	21 250	77 063	-	-
1987	34 446	105 629	-	-
1988	50 855	142 628	-	-
1989	66 085	183 864	730	3 074
1990	84 642	241 928	4 422	13 999
1991	104 844	297 616	8 719	26 990
1992	128 887	366 854	16 204	50 272
1993	153 531	442 308	26 790	81 145
1994	169 863	501 849	34 192	105 996
1995	191 615	593 023	41 519	133 796
1996	219 642	700 502	53 541	168 740
1997	245 854	789 061	69 078	198 069
1998	264 102	860 878	79 952	236 141
1999	294 722	958 264	96 033	286 034
2000	328 283	1 058 378	111 604	342 988
2001	433 642	1 514 416	154 668	509 835
2002	568 198	2 153 914	213 866	758 784
2003	820 899	3 076 736	250 074	987 262
2004	825 622	3 131 670	289 035	1 286 703
2005	982 377	3 468 293	318 610	1 369 444
2006	1 063 660	3 841 017	350 298	1 505 976
2007	931 501	3 879 449	352 275	1 566 245
2008	948 230	3 993 877	371 860	1 538 542
2009	1 000 451	4 192 733	369 006	1 423 250
2010	1 096 639	4 650 852	403 616	1 496 327
2011	1 065 185	4 666 714	393 345	1 364 128
2012	1 089 690	4 941 466	366 140	1 186 400
2013	828 532	3 800 525	275 674	873 445

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

Table 128. Postal service

Year	Postal establishments (Offices)	Mail routes (Thousand-kms)	Mail receptacles (Boxes)	Correspondences (Million pieces)		Parcels (Thousand pieces)	
				Posted	Delivered	Posted	Delivered
1999	14 414	1 906	18 407	2 705	3 052	16 147	16 539
2000	12 655	1 903	18 132	3 088	3 410	17 287	17 842
2001	11 216	1 902	17 607	2 891	3 305	10 631	10 952
2002	10 325	1 903	17 517	2 876	3 317	7 973	8 209
2003	9 976	1 904	16 804	2 731	3 224	8 953	9 181
2004	6 755	1 905	16 923	2 815	3 279	12 108	12 668
2005	6 420	1 903	16 207	2 808	3 256	15 767	16 720
2006	5 341	1 903	15 984	2 663	3 187	17 897	18 901
2007	4 823	1 903	14 174	2 670	3 109	19 959	21 561
2008	2 570	1 913	13 983	2 646	3 185	24 269	26 229
2009	2 681	1 920	13 739	2 626	2 942	25 351	26 980
2010	2 600	1 920	13 531	2 728	3 005	26 352	29 326
2011	2 595	1 920	13 383	2 781	3 173	27 214	30 192
2012	2 610	1 921	13 202	2 706	3 166	27 946	30 601
2013	2 609	1 920	12 989	2 700	3 153	25 600	28 159

Table 129. Visitor arrivals by purpose of visit

Year	Total	Pleasure	Business	Visit relatives	Study	Conference	Exhibitions	Medical treatment	Persons
									Others
1999	2 411 248	782 938	806 159	257 683	27 054	31 194	-	-	506 220
2000	2 624 037	870 929	900 339	279 243	27 808	34 879	-	-	510 839
2001	2 831 035	1 021 572	848 732	332 834	26 971	39 390	-	-	561 536
2002	2 977 692	1 028 635	831 465	329 751	61 904	39 485	-	-	686 452
2003	2 248 117	695 277	698 792	280 022	48 575	31 545	-	-	493 906
2004	2 950 342	1 031 713	920 377	374 008	37 324	43 616	-	-	543 304
2005	3 378 118	1 381 637	944 487	379 252	38 717	49 686	-	-	584 339
2006	3 519 827	1 510 207	949 836	377 455	38 649	52 634	-	-	591 046
2007	3 716 063	1 648 507	930 775	395 760	41 901	57 839	-	-	641 281
2008	3 845 187	1 775 229	881 431	404 692	45 229	59 226	-	-	679 380
2009	4 395 004	2 298 334	795 669	413 942	54 701	68 925	-	-	763 433
2010	5 567 277	3 246 005	937 777	496 627	62 681	88 097	-	-	736 090
2011	6 087 484	3 633 856	984 845	500 131	62 829	81 780	-	-	824 043
2012	7 311 470	4 677 330	893 767	444 213	62 719	62 988	15 789	58 444	1 096 220
2013	8 016 280	5 479 099	927 262	469 877	75 938	61 608	16 316	100 083	886 097

Table 130. Number of foreign visitor

Resident	1994	1995	1996	1997	1998	1999	2000	2001	2002
Grand Total	1 856 685	2 066 333	2 088 539	2 115 641	2 031 811	2 115 653	2 310 670	2 291 871	2 354 017
Asia	1 379 321	1 566 025	1 572 539	1 571 044	1 478 765	1 546 893	1 690 232	1 704 449	1 747 685
Hong Kong,Macao	33 370	39 269	45 998	50 557	54 574	63 323	73 708	80 752	76 690
Japan	816 665	907 338	911 777	900 714	822 817	823 799	914 884	970 741	985 564
Korea	124 116	140 469	121 399	94 632	59 766	74 411	82 480	82 081	79 874
India	8 197	9 553	10 320	11 438	11 672	11 498	13 195	13 062	13 945
Middle East	9 013	10 066	9 759	11 321	11 147	10 578	11 202	9 194	9 929
Malaysia	47 577	53 620	55 430	54 022	48 904	52 358	57 728	56 615	64 483
Singapore	69 259	69 665	77 642	81 356	86 695	85 569	94 691	96 645	107 069
Indonesia	38 489	45 857	50 505	54 092	47 415	76 424	106 787	89 027	86 098
Philippines	69 468	89 490	104 525	112 844	120 543	120 319	83 137	68 955	74 022
Thailand	114 613	146 632	120 089	121 534	127 987	137 664	132 998	116 296	105 688
Others	48 554	54 066	65 095	78 534	87 245	90 950	119 422	121 081	144 323
America	301 012	311 180	318 245	337 610	345 771	357 455	405 749	388 507	406 227
Canada	23 308	25 944	29 580	31 762	33 360	34 568	38 016	40 176	42 815
U.S.A.	266 115	273 606	277 236	293 681	300 753	311 995	356 535	338 548	353 411
Mexico	1 410	1 034	1 325	1 490	1 679	1 694	1 876	1 605	2 195
Brazil	3 480	4 095	3 508	3 479	3 247	2 467	2 767	2 155	2 206
Others	6 699	6 501	6 596	7 198	6 732	6 731	6 555	6 023	5 600
Europe	134 043	143 700	151 564	158 349	159 659	161 377	160 728	147 610	146 730
Belgium	3 629	3 745	3 971	3 861	4 079	4 098	4 147	3 506	3 833
France	21 334	21 587	21 716	22 674	23 515	23 508	23 675	20 988	20 179
Germany	31 075	32 667	33 677	34 492	35 187	34 096	34 769	33 687	33 470
Italy	11 934	12 239	11 511	12 257	11 720	11 329	12 055	10 639	10 664
Netherlands	9 155	9 935	10 436	10 814	11 190	14 235	12 592	11 032	10 237
Switzerland	6 029	6 238	6 035	6 602	6 390	6 452	6 325	5 909	5 639
Spain	3 577	3 685	3 714	4 036	3 892	3 875	4 063	3 736	3 826
U.K.	26 929	28 796	30 426	32 737	33 505	33 136	35 471	33 569	34 082
Others	20 381	24 808	30 078	30 876	30 181	30 648	27 631	24 544	24 800
Oceania	27 907	31 372	32 100	34 367	34 153	35 541	38 049	36 141	37 849
Australia	23 134	26 112	26 844	28 674	28 737	29 731	31 711	29 978	31 477
New Zealand	4 258	4 875	4 952	5 302	5 045	5 357	5 973	5 768	6 124
Others	515	385	304	391	371	453	365	395	248
Africa	10 276	9 839	9 345	8 808	7 728	7 716	8 667	8 663	9 120
Others	4 126	4 217	4 746	5 463	5 735	6 671	7 245	6 501	6 406

arrivals by residence

Persons

2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1 812 034	2 428 297	2 798 210	2 855 629	2 988 815	2 962 536	2 770 082	3 235 477	3 588 727	3 831 635	4 095 599
1 336 849	1 760 612	2 107 089	2 164 552	2 262 176	2 213 938	2 052 861	2 459 348	2 773 717	3 001 848	3 225 595
56 076	70 878	77 275	77 549	79 548	78 628	84 685	93 662	97 222	109 735	120 924
655 131	885 168	1 122 192	1 159 533	1 164 446	1 084 888	998 973	1 078 459	1 292 999	1 430 946	1 420 092
90 174	144 769	178 964	192 521	222 347	247 815	164 152	213 863	239 740	255 990	348 125
12 405	16 255	17 475	18 020	19 954	19 951	18 532	23 826	23 903	23 226	23 300
7 696	12 598	13 431	12 692	13 327	12 402	12 075	13 450	13 689	12 920	13 630
66 487	92 272	107 084	114 761	140 720	155 073	166 354	285 038	307 301	340 399	393 699
78 300	116 445	165 666	183 511	204 015	204 967	194 129	241 008	299 238	326 876	364 348
37 116	43 694	88 086	90 593	95 327	110 017	106 272	123 409	155 881	163 188	170 877
75 851	82 319	87 205	75 240	80 117	83 056	73 182	84 464	98 740	102 387	97 175
97 478	101 989	92 584	94 644	89 137	83 685	77 344	91 657	101 695	96 698	103 357
160 135	194 225	157 127	145 488	153 238	133 456	157 163	210 512	143 309	139 483	170 068
311 594	440 887	453 271	457 167	464 911	456 494	436 859	469 099	489 442	491 814	497 550
33 873	49 891	53 838	53 225	56 554	59 605	59 490	64 074	67 049	70 081	72 254
270 523	380 210	388 153	392 004	395 036	383 747	365 266	391 440	408 054	406 806	410 295
1 213	2 144	1 999	2 097	2 445	2 190	1 773	2 116	1 996	2 310	2 290
1 823	2 720	2 819	3 028	3 794	3 859	3 402	3 870	3 956	3 870	3 664
4 162	5 922	6 462	6 813	7 082	7 093	6 928	7 599	8 387	8 747	9 047
118 273	164 032	171 665	171 816	185 553	199 952	196 120	202 394	211 422	217 359	222 561
3 014	3 801	4 208	3 832	4 082	4 147	4 479	4 419	4 332	4 766	4 740
15 188	21 152	21 785	22 372	23 693	23 956	24 975	26 249	28 909	31 304	32 244
28 476	37 063	39 626	38 602	39 372	40 129	39 372	42 280	44 506	44 915	46 416
7 678	10 302	10 913	10 722	11 402	12 694	12 202	12 211	12 387	12 902	13 651
8 022	11 173	12 084	11 418	12 373	12 056	11 164	13 086	14 338	15 727	16 419
4 486	6 114	6 341	6 360	6 719	6 225	6 393	6 509	6 897	7 515	7 997
2 763	4 367	4 579	4 566	4 865	5 360	5 586	5 720	6 170	6 127	7 092
28 316	36 913	35 748	35 794	39 758	48 176	44 619	44 242	43 278	42 658	42 367
20 330	33 147	36 381	38 150	43 289	47 209	47 330	47 678	50 605	51 445	51 635
31 849	50 294	55 185	51 433	61 146	67 930	65 551	71 424	70 018	74 971	77 152
26 287	41 529	46 017	42 114	51 270	57 725	56 697	61 831	59 623	63 209	65 297
5 272	7 512	8 015	8 189	8 612	8 972	7 850	8 546	9 366	10 690	10 650
290	1 253	1 153	1 130	1 264	1 233	1 004	1 047	1 029	1 072	1 205
7 375	9 538	9 018	8 714	8 414	8 334	7 578	8 076	8 714	8 687	8 608
6 094	2 934	1 982	1 947	6 615	15 888	11 113	25 136	35 414	36 956	64 133

Table 131. 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\$)	
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	1 481.0	191.4	7.7
2000	2 624 037	8.8	3 738	4.7	1 424.6	192.5	7.4
2001	2 831 035	7.9	4 335	16.0	1 531.3	207.8	7.4
2002	2 977 692	5.2	4 584	5.7	1 539.3	204.2	7.5
2003	2 248 117	- 24.5	2 976	- 35.1	1 323.7	166.1	8.0
2004	2 950 342	31.2	4 053	36.2	1 373.8	180.5	7.6
2005	3 378 118	14.5	4 977	22.8	1 473.3	207.5	7.1
2006	3 519 827	4.2	5 136	3.2	1 459.2	210.9	6.9
2007	3 716 063	5.6	5 214	1.5	1 403.2	215.2	6.5
2008	3 845 187	3.5	5 936	13.8	1 543.7	211.5	7.3
2009	4 395 004	14.3	6 816	14.8	1 550.9	216.3	7.2
2010	5 567 277	26.7	8 719	27.9	1 566.2	221.8	7.1
2011	6 087 484	9.3	11 065	26.9	1 817.6	257.8	7.1
2012	7 311 470	20.1	11 769	6.4	1 609.7	234.3	6.9
2013	8 016 280	9.6	12 322	4.7	1 537.1	224.1	6.9

FINANCE AND INSURANCE

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

The domestic financial institutions refer to financial service institutions organized and registered in accordance with the Banking Act or other decrees. The financial statistics at present classify Financial Institutions as Monetary Financial Institutions, Trust and Investment Companies, and Life Insurance Companies. Monetary Financial Institutions are grouped according to whether they are able to create money. The Monetary Financial Institutions include the Central Bank, Domestic Banks (including medium business banks), local branches of foreign and Mainland Chinese banks, credit cooperative associations, credit departments of Farmers' and Fishermen's Associations, Chunghwa Post Co, and money market mutual funds. Although property and casualty insurance companies, bills finance companies and securities finance companies also provide financial services, they differ greatly from Financial Institutions in terms of the financial liabilities they hold. For this reason, they are classified as privated enterprises, instead of financial institutions, in the compilation of financial statistics.

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 currency held by all sectors/departments except Monetary Financial Institutions. Currency held by the public = Currency issued by the Central Bank – Cash in vaults of Monetary Financial Institutions.

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

Reserve Money -- The reserve money comprises all reserves held by other Monetary Financial Institutions and currency held by the public, both of which are monetary liabilities of the Central Bank. It is also referred to as “high-powered money” or “base money”. Changes in reserve money affect directly the amount of loanable funds of other Monetary Financial Institution. Through the money-creating process, money supply and liquidity expand or contract by a multiple which is usually measured by the ratio of monetary aggregate to reserve money.

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

Table 132. Exchange rates, monetary aggregates and reserve money

End of Year	Exchange rates ¹ (NT\$ per US\$)		Monetary aggregates (M _{1B}) (100 Million NT\$)	Reserve money (100 Million NT\$)
	Buying	Selling		
1984	39.42	39.52	6 696	3 620
1985	39.80	39.90	7 515	4 216
1986	35.45	35.55	11 379	5 499
1987	28.50	28.60	15 631	6 998
1988	28.12	28.22	19 452	8 818
1989		26.160	20 628	11 555
1990		27.108	19 256	11 564
1991		25.748	21 584	12 653
1992		25.403	24 258	14 119
1993		26.626	27 971	15 014
1994		26.240	31 393	16 688
1995		27.265	31 631	16 381
1996		27.491	34 261	16 525
1997		32.638	37 153	16 413
1998		32.216	38 548	16 651
1999		31.395	45 072	16 433
2000		32.992	44 921	15 834
2001		34.999	50 259	14 561
2002		34.753	54 916	15 688
2003		33.978	65 528	16 194
2004		31.917	73 680	17 177
2005		32.850	78 711	17 585
2006		32.596	82 226	18 832
2007		32.443	82 200	19 475
2008		32.860	81 537	21 254
2009		32.030	105 116	23 040
2010		30.368	114 571	25 018
2011		30.290	118 302	27 209
2012		29.136	124 184	29 021
2013		29.950	134 708	31 208

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

Table133. International liquidity

End of Year	International reserves minus gold (Million US\$)		Gold reserves	
	Total	Foreign exchange	Million US\$	Millions fine troy ounces
1984	15 664	15 664	86.1	4.464
1985	22 556	22 556	964.4	5.012
1986	46 310	46 310	1 313.3	5.574
1987	76 748	76 748	2 697.9	7.667
1988	73 897	73 897	5 395.3	13.487
1989	73 224	73 224	5 827.9	13.537
1990	72 441	72 441	5 623.1	13.537
1991	82 405	82 405	5 920.2	13.537
1992	82 306	82 306	6 001.9	13.544
1993	83 573	83 573	5 724.9	13.558
1994	92 454	92 454	5 819.2	13.565
1995	90 310	90 310	5 600.5	13.572
1996	88 038	88 038	5 555.9	13.565
1997	83 502	83 502	4 684.1	13.565
1998	90 341	90 341	4 743.3	13.570
1999	106 200	106 200	4 861.3	13.570
2000	106 742	106 742	4 627.6	13.560
2001	122 211	122 211	4 361.2	13.560
2002	161 656	161 656	4 390.4	13.560
2003	206 632	206 632	4 507.5	13.620
2004	241 738	241 738	4 822.3	13.610
2005	253 290	253 290	4 662.1	13.610
2006	266 148	266 148	4 692.0	13.610
2007	270 311	270 311	4 716.0	13.610
2008	291 707	291 707	4 681.9	13.620
2009	348 198	348 198	4 768.9	13.620
2010	382 005	382 005	5 201.5	13.620
2011	385 547	385 547	5 043.3	13.580
2012	403 169	403 169	5 282.5	13.620
2013	416 811	416 811	5 130.4	13.620

Table 134. Interest rates of the Central Bank

Percent per annum

Effective date of change	Discount	Accommodations with collateral	Accommodations without collateral	Accommodations in foreign ¹ currencies
June 27 2003	1.375	1.750	3.625	LIBOR 6M
Oct. 1 2004	1.625	2.000	3.875	LIBOR 6M
Dec. 31	1.750	2.125	4.000	LIBOR 6M
Mar. 25 2005	1.875	2.250	4.125	LIBOR 6M
July 1	2.000	2.375	4.250	LIBOR 6M
Sep. 16	2.125	2.500	4.375	LIBOR 6M
Dec. 23	2.250	2.625	4.500	LIBOR 6M
Mar. 31 2006	2.375	2.750	4.625	LIBOR 6M
June 30	2.500	2.875	4.750	LIBOR 6M
Sep. 29	2.625	3.000	4.875	LIBOR 6M
Dec. 29	2.750	3.125	5.000	LIBOR 6M
Mar. 30 2007	2.875	3.250	5.125	LIBOR 6M
June 22	3.125	3.500	5.375	LIBOR 6M
Sep. 21	3.250	3.625	5.500	LIBOR 6M
Dec. 21	3.375	3.750	5.625	LIBOR 6M
Mar. 28 2008	3.500	3.875	5.750	LIBOR 6M
June 27	3.625	4.000	5.875	LIBOR 6M
Sep. 26	3.500	3.875	5.750	LIBOR 6M
Oct. 9	3.250	3.625	5.500	LIBOR 6M
Oct. 30	3.000	3.375	5.250	LIBOR 6M
Nov. 10	2.750	3.125	5.000	LIBOR 6M
Dec. 12	2.000	2.375	4.250	LIBOR 6M
Jan. 8 2009	1.500	1.875	3.750	LIBOR 6M
Feb. 19	1.250	1.625	3.500	LIBOR 6M
June 25 2010	1.375	1.750	3.625	LIBOR 6M
Oct. 1	1.500	1.875	3.750	LIBOR 6M
Dec. 31	1.625	2.000	3.875	LIBOR 6M
Apr. 1 2011	1.750	2.125	4.000	LIBOR 6M
July 1	1.875	2.250	4.125	LIBOR 6M

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

Table 135. Stock price index and money market interest rates

Percent per annum

Year	Stock price index (1966=100)	Interbank call loans ¹	Money market interest rates, treasury bills		
			1-91 days	92-182 days	183-364 days
1999	7 426.69	4.77	4.83	4.93	4.94
2000	7 847.21	4.73	-	4.91	4.94
2001	4 907.43	3.69	-	3.90	2.42
2002	5 225.61	2.05	-	-	2.16
2003	5 161.90	1.10	-	1.06	1.05
2004	6 033.78	1.06	-	1.15	1.22
2005	6 092.27	1.31	1.35	1.29	1.54
2006	6 842.04	1.55	-	1.66	-
2007	8 509.56	2.00	-	-	2.05
2008	7 024.06	2.01	-	1.80	1.87
2009	6 459.56	0.11	0.25	0.16	0.26
2010	7 949.63	0.19	0.32	0.45	0.61
2011	8 155.79	0.34	0.57	0.76	0.83
2012	7 481.34	0.43	0.72	0.69	0.75
2013	8 092.77	0.39	0.38	0.52	0.55

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

Table 136. Weighted average interest rates on loans

Percent per annum

Year	Domestic banks ¹	Local branches of foreign and Mainland Chinese banks	Medium business banks	Credit cooperatives	Credit dept. of farmers' and fishermen's assn.	Investment and trust companies
1999	8.03	10.14	8.14	8.64	8.72	8.53
2000	7.61	9.63	7.61	8.24	8.39	8.26
2001	6.99	9.14	6.88	7.70	7.84	7.30
2002	5.53	7.27	5.66	6.39	6.74	6.55
2003	4.10	5.70	4.37	4.64	5.16	5.01
2004	3.66	4.36	3.67	3.59	4.01	3.96
2005	3.65	2.88	-	3.35	3.51	3.69
2006	3.47	2.88	-	3.35	3.29	3.50
2007	3.35	2.98	-	3.39	3.30	3.70
2008	3.46	3.21	-	3.58	3.42	3.82
2009	2.07	2.01	-	2.38	2.27	-
2010	1.97	1.42	-	2.32	2.13	-
2011	2.16	1.47	-	2.52	2.38	-
2012	2.24	1.31	-	2.53	2.42	-
2013	2.23	1.18	-	2.50	2.37	-

Notes : ¹ Prior to 2004, excludes the data of medium business banks. Beginning 2004, the figures for domestic banks exclude preferred deposits of retired government employees and central government loans.

Table 137. Consolidated assets and liabilities

End of year	2004	2005	2006	2007
Assets (net)=lia. & net worth (net)	27 692 677	30 365 629	31 927 680	32 769 344
Assets				
Foreign assets	9 364 725	10 613 957	11 227 432	11 663 216
Loans and discounts	15 867 752	17 158 349	17 598 943	18 021 730
Portfolio investments in entities excluding financial institutions	2 096 259	2 201 851	2 693 911	2 694 318
Portfolio investments in financial institutions	141 759	192 724	204 614	180 146
Claims on life insurance companies etc.	34 798	5 924	1 708	10 845
Real estate investments	281	281	1	1
Cash in vaults	187 103	192 543	201 071	199 088
Liabilities & net worth				
Foreign liabilities	1 389 579	1 988 874	1 913 993	1 996 647
Currency issued	856 951	922 910	959 792	961 715
Deposits & money market mutual funds held by enterprises	21 522 079	22 990 663	24 171 821	24 389 919
Government deposits	925 183	931 901	901 968	932 044
Due to life insurance companies etc.	170 845	208 628	236 295	375 198
Bank debentures issued	709 051	811 192	925 915	900 327
Net worth	2 582 817	2 775 927	3 011 388	3 378 156
Other items (net)	- 463 828	- 264 466	- 193 492	- 164 662

Table 138. Consolidated assets and liabilities

End of year	2004	2005	2006	2007
Assets (net)=lia. & net worth (net)	32 531 284	36 024 614	38 408 672	39 616 314
Assets				
Foreign assets	10 712 940	12 382 522	13 278 845	13 927 717
Loans and discounts	16 852 463	18 166 221	18 692 761	19 187 183
Portfolio investments in entities excluding financial institutions	4 138 260	4 460 007	5 337 022	5 420 268
Portfolio investments in financial institutions	381 680	583 053	635 693	586 050
Real estate investments	257 420	239 726	262 635	295 320
Cash in vaults	188 521	193 085	201 716	199 776
Liabilities & net worth				
Foreign liabilities	1 389 579	1 988 874	1 913 993	1 996 647
Currency issued	856 951	922 910	959 792	961 715
Deposits & money market mutual funds held by enterprises and individuals	21 522 079	22 990 663	24 171 821	24 389 919
Government deposits	925 284	931 901	901 968	932 044
Trust funds	1 586 074	1 856 404	2 496 023	3 420 323
Life insurance reserves	4 873 543	5 704 484	6 434 160	7 140 109
Bank debentures issued	709 051	811 192	925 915	900 327
Net worth	2 845 363	3 058 557	3 515 992	3 818 543
Other items (net)	-2 176 640	-2 240 371	-2 910 992	-3 943 313

of monetary financial institutions

Million NT\$

2008	2009	2010	2011	2012	2013
34 939 362	36 710 601	37 807 420	39 918 536	41 496 610	44 399 447
13 250 923	14 828 834	14 590 580	15 372 443	15 521 003	17 220 781
18 470 098	18 599 228	19 852 506	20 960 771	21 650 271	22 404 430
2 861 563	2 978 043	3 045 296	3 259 381	3 971 878	4 405 861
136 020	94 357	110 064	112 405	119 122	142 032
4	2	2	270	19	2
1	1	1	1	-	-
220 753	210 136	208 971	213 265	234 317	226 341
2 150 809	1 731 412	1 918 491	2 197 026	2 325 666	2 454 740
1 054 290	1 122 754	1 204 824	1 320 609	1 437 529	1 555 992
26 300 624	27 974 744	29 391 589	30 782 080	31 945 268	33 810 339
948 229	1 005 609	1 047 773	957 601	929 219	873 225
591 042	815 312	910 642	842 215	979 599	972 089
878 048	797 961	800 783	884 870	1 013 405	1 020 927
3 386 895	3 406 762	3 051 858	3 184 415	3 400 461	3 644 467
- 370 575	- 143 953	- 518 540	- 250 280	- 534 537	67 668

of financial institutions

Million NT\$

2008	2009	2010	2011	2012	2013
42 197 744	44 940 829	47 243 764	50 439 640	53 397 797	58 037 079
15 595 585	17 713 238	18 064 698	19 620 010	20 649 802	23 421 005
19 722 367	19 788 845	21 033 957	22 154 442	22 894 778	23 849 205
5 766 575	6 250 565	6 707 921	7 189 692	8 138 888	8 906 817
566 842	584 840	815 133	797 279	927 958	962 690
324 878	392 676	412 612	464 518	551 654	670 679
221 497	210 665	209 443	213 699	234 717	226 683
2 150 809	1 731 412	1 918 491	2 197 026	2 325 666	2 454 740
1 054 290	1 122 754	1 204 824	1 320 609	1 437 529	1 555 992
26 300 624	27 974 744	29 391 589	30 782 080	31 945 268	33 810 339
948 229	1 005 609	1 047 773	957 601	929 219	873 225
2 885 596	3 075 211	3 105 832	3 076 140	3 210 316	3 061 921
7 842 007	8 973 000	10 224 292	11 182 235	12 547 269	14 129 560
878 048	797 961	800 783	884 870	1 013 405	1 020 927
3 594 489	3 844 889	3 540 755	3 615 411	3 991 456	4 289 082
-3 456 348	-3 584 751	-3 990 575	-3 576 332	-4 002 331	-3 158 707

Table 139. Number

End of Year	Domestic banks ¹		Local branches of foreign and Mainland Chinese banks	Credit co-operative associations	Credit departments of farmer associations	Credit departments of fishermen's associations
	Head office	Branches				
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	47	2 176	45	64	287	27
1998	48	2 404	46	54	287	27
1999	52	2 576	41	50	287	27
2000	53	2 693	39	48	287	27
2001	53	3 005	38	39	260	25
2002	52	3 068	36	37	253	25
2003	50	3 173	36	35	253	25
2004	49	3 189	35	32	254	25
2005	46	3 239	36	29	253	25
2006	43	3 285	33	28	253	25
2007	40	3 313	32	27	261	25
2008	38	3 264	32	27	264	25
2009	38	3 279	32	26	275	25
2010	38	3 334	28	26	276	25
2011	38	3 359	28	25	277	25
2012	39	3 416	30	24	277	25
2013	40	3 442	31	24	278	25

Notes : ¹ Beginning 1997, includes the data of medium business banks.

² Excluding postal agencies since 1995

³ Including the Department of Life Insurance, Chunghwa Post Co

of financial institutions

Numbers

Medium business banks	The postal savings system		Trust and investment companies	Reinsurance corporation	Life insurance ³ companies	Property & casualty insurance companies	Bills finance companies	Securities finance companies
	Head office	Branches ²						
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	1 269	5	1	29	22	10	4
8	1	1 273	5	1	30	25	12	4
-	1	1 276	5	1	32	26	14	4
-	1	1 288	4	1	33	25	16	4
-	1	1 296	3	1	33	27	16	4
-	1	1 305	3	1	32	26	16	4
-	1	1 316	3	1	28	27	15	4
-	1	1 320	3	1	29	24	14	4
-	1	1 322	3	1	29	24	14	4
-	1	1 320	3	1	28	24	14	4
-	1	1 321	2	1	29	23	14	4
-	1	1 320	2	1	29	23	12	4
-	1	1 321	1	1	29	22	12	4
-	1	1 321	-	1	30	21	10	4
-	1	1 321	-	1	30	20	10	4
-	1	1 321	-	1	30	20	9	2
-	1	1 323	-	1	30	20	8	2
-	1	1 323	-	1	30	20	8	2
-	1	1 322	-	1	28	20	8	2

Table 140. Balance

Item	2004	2005	2006
A. Current Account	19 728	17 578	26 332
Goods: exports fob	182 362	198 456	223 783
Goods: imports fob	- 164 999	- 179 000	- 199 554
Balance on Goods	17 363	19 456	24 229
Services: credit	25 789	25 827	29 272
Services: debit	- 30 731	- 32 480	- 32 815
Balance on Goods and Services	12 421	12 803	20 686
Income: credit	15 485	17 394	19 338
Income: debit	- 4 353	- 8 355	- 9 757
Balance on Goods , Services and Income	23 553	21 842	30 267
Current transfers: credit	3 170	3 463	3 837
Current Transfers: debit	- 6 995	- 7 727	- 7 772
B. Capital Account	- 77	- 117	- 118
Capital account: credit	6	1	4
Capital account: debit	- 83	- 118	- 122
Total, Groups A plus B	19 651	17 461	26 214
C. Financial Account	7 169	2 302	- 19 620
Direct investment abroad	- 7 145	- 6 028	- 7 399
Direct investment in Taiwan, ROC	1 898	1 625	7 424
Portfolio investment assets	- 21 823	- 33 902	- 40 779
Equity securities	- 8 167	- 12 464	- 18 467
Debt securities	- 13 656	- 21 438	- 22 312
Portfolio investment liabilities	17 154	31 045	21 814
Equity securities	14 092	34 826	22 662
Debt securities	3 062	- 3 781	- 848
Financial derivatives	- 843	- 1 003	- 965
Financial derivatives assets	888	909	1 930
Financial derivatives liabilities	- 1 731	- 1 912	- 2 895
Other investment assets	408	- 6 254	- 1 266
Monetary authorities	--	--	--
General government	32	--	- 4
Banks	- 6 754	- 9 421	- 5 525
Other sectors	7 130	3 167	4 263
Other investment liabilities	17 520	16 819	1 551
Monetary authorities	898	9 250	- 3 311
General government	- 6	--	6
Banks	13 957	5 352	1 993
Other sectors	2 671	2 217	2 863
Total , Groups A through C	26 820	19 763	6 594
D. Net Errors And Omissions	- 225	293	- 508
Total , Groups A through D	26 595	20 056	6 086
E. Reserves and Related Items	- 26 595	- 20 056	- 6 086
Reserve assets	- 26 595	- 20 056	- 6 086
Use of Fund credit and loans	--	--	--
Exceptional financing	--	--	--

of payments

Million US\$

2007	2008	2009	2010	2011 ^r	2012 ^r	2013
35 154	27 505	42 923	39 872	41 688	50 591	57 346
246 500	254 897	203 399	273 823	307 488	300 430	304 623
- 216 055	- 236 419	- 172 846	- 247 310	- 279 182	- 268 822	- 267 437
30 445	18 478	30 553	26 513	28 306	31 608	37 186
33 286	36 829	31 774	40 357	45 920	49 030	51 249
- 34 926	- 34 982	- 29 783	- 37 864	- 42 026	- 42 763	- 42 369
28 805	20 325	32 544	29 006	32 200	37 875	46 066
23 500	23 277	20 351	23 265	24 833	25 833	25 352
- 13 368	- 13 299	- 7 827	- 9 689	- 11 654	- 10 497	- 11 076
38 937	30 303	45 068	42 582	45 379	53 211	60 342
4 689	5 526	4 902	5 251	5 547	5 445	6 153
- 8 472	- 8 324	- 7 047	- 7 961	- 9 238	- 8 065	- 9 149
- 96	- 334	- 96	- 116	- 119	- 83	6
3	3	2	5	3	4	103
- 99	- 337	- 98	- 121	- 122	- 87	- 97
35 058	27 171	42 827	39 756	41 569	50 508	57 352
- 38 951	- 1 660	13 469	- 358	- 32 046	- 31 673	- 44 059
- 11 107	- 10 287	- 5 877	- 11 574	- 12 766	- 13 137	- 14 285
7 769	5 432	2 805	2 492	- 1 957	3 207	3 598
- 44 966	3 527	- 31 699	- 33 487	- 19 503	- 45 304	- 36 971
- 35 697	- 4 573	- 21 197	- 12 274	- 2 078	- 16 960	- 7 586
- 9 269	8 100	- 10 502	- 21 213	- 17 425	- 28 344	- 29 385
4 904	- 15 777	21 372	12 823	- 16 188	3 213	7 980
5 599	- 15 418	19 427	9 986	- 14 924	2 906	9 618
- 695	- 359	1 945	2 837	- 1 264	307	- 1 638
- 289	1 589	852	577	1 038	328	770
3 691	7 938	5 344	4 497	5 777	4 526	5 851
- 3 980	- 6 349	- 4 492	- 3 920	- 4 739	- 4 198	- 5 081
- 6 847	10 621	25 663	12 317	- 7 988	4 746	- 50 402
--	--	--	--	--	--	--
11	7	- 2	13	- 13	3	- 1
- 10 158	- 16 726	707	1 212	- 25 352	- 4 453	- 60 256
3 300	27 340	24 958	11 092	17 377	9 196	9 855
11 585	3 235	353	16 494	25 318	15 274	45 251
- 7 300	- 3 116	--	--	--	--	--
- 6	--	--	--	--	--	2
16 118	- 49	- 9 741	15 099	22 334	10 575	41 391
2 773	6 400	10 094	1 395	2 984	4 699	3 858
- 3 893	25 511	56 296	39 398	9 523	18 835	13 293
- 127	763	- 2 170	775	- 3 284	- 3 351	- 1 975
- 4 020	26 274	54 126	40 173	6 239	15 484	11 318
4 020	- 26 274	- 54 126	- 40 173	- 6 239	- 15 484	- 11 318
4 020	- 26 274	- 54 126	- 40 173	- 6 239	- 15 484	- 11 318
--	--	--	--	--	--	--
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Table 141. Direct written premiums

Year	Total	Fire	Marine			
			Sub-total	Marine cargo	Marine hull	Fishing vessel
Direct written						
2004	115 468	22 101	8 357	5 860	1 766	732
2005	118 502	22 036	8 665	5 907	1 985	773
2006	114 106	21 918	8 910	6 109	2 072	729
2007	112 583	21 881	9 219	6 415	2 085	719
2008	107 742	21 548	8 937	6 397	1 893	647
2009	101 859	18 705	7 637	5 085	1 914	639
2010	105 806	17 365	8 484	5 763	2 069	652
2011	113 033	19 050	8 773	5 981	2 047	744
2012	120 483	22 223	8 445	5 619	2 076	750
2013	124 904	21 896	7 657	5 118	1 761	779
Direct						
2004	52 229	4 741	5 029	2 270	2 112	647
2005	65 874	13 470	4 243	2 261	1 206	776
2006	55 153	4 767	5 529	4 032	1 017	479
2007	51 273	3 736	7 413	2 691	4 197	526
2008	50 092	5 525	5 158	3 068	1 492	597
2009	54 774	5 373	5 907	2 809	2 414	684
2010	62 247	14 386	3 855	2 568	1 044	243
2011	57 976	7 355	5 277	2 447	2 395	434
2012	60 863	7 097	3 508	2 694	518	296
2013	61 545	5 508	4 471	2 493	1 676	301

and direct losses by line of business

Million NT\$

Automobile	Aviation	Other property & casualty					
		Sub-total	Engineering	Liability	Credit	Others	
premiums							
55 048	3 193	26 769	7 057	6 159	3 053	10 501	
58 862	1 971	26 968	5 711	6 217	3 193	11 847	
57 334	1 529	24 415	5 318	5 778	1 557	11 762	
55 550	1 365	24 567	5 315	6 157	967	12 128	
52 547	1 077	23 633	4 431	5 946	922	12 335	
50 276	1 153	24 087	4 808	6 023	969	12 287	
52 658	1 261	26 038	4 156	6 567	1 222	14 094	
55 826	1 097	28 288	4 482	7 513	1 102	15 191	
59 653	836	29 326	4 652	8 250	1 045	15 379	
64 454	696	30 201	4 402	8 601	996	16 202	
losses							
33 735	- 1 567	10 291	2 554	2 246	2 120	3 371	
35 609	- 335	12 887	2 062	2 631	3 791	4 404	
34 215	- 905	11 547	2 131	2 190	1 950	5 276	
31 001	1 229	7 894	1 132	1 715	528	4 518	
29 745	15	9 649	1 381	2 173	1 114	4 981	
29 682	- 84	13 897	3 978	2 930	839	6 149	
32 611	109	11 286	2 341	3 017	- 170	6 097	
34 496	104	10 745	2 138	2 272	260	6 075	
38 321	377	11 560	1 965	2 790	382	6 423	
39 448	158	11 960	1 880	2 928	382	6 770	

Table 142. New business and business

Year	Individual insurance							
	Life		Accident		Health		Annuity	
	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)
	New							
2004	3 090 827	2 430 330	8 834 729	18 013 343	3 188 577	467 226	190 144	116 399
2005	3 571 244	2 501 124	10 631 629	18 864 224	3 406 040	573 926	137 270	95 077
2006	3 583 281	2 879 530	10 381 392	20 591 574	3 593 323	646 212	114 691	58 229
2007	4 099 960	4 057 743	9 706 777	19 677 313	4 063 773	718 760	217 817	97 301
2008	3 287 066	2 205 255	10 702 947	19 609 768	3 583 680	1 381 566	470 302	201 412
2009	2 793 206	1 895 241	8 950 783	18 524 776	4 155 965	1 096 920	302 499	189 725
2010	3 002 090	1 936 221	6 938 357	17 664 062	3 380 418	726 156	347 866	433 864
2011	3 102 128	1 977 513	6 428 886	23 903 077	3 904 490	884 980	142 664	184 781
2012	3 397 420	2 157 437	6 567 457	23 869 287	4 409 902	959 109	163 704	164 833
2013	2 935 063	1 800 002	6 750 267	24 755 074	3 802 346	948 817	299 304	337 195
	Business							
2004	33 614 301	26 118 419	32 892 325	22 730 236	42 807 183	9 323 318	280 337	165 576
2005	35 609 430	27 811 340	34 388 606	23 032 912	44 730 527	9 681 974	389 659	245 350
2006	37 314 888	29 570 356	35 341 615	23 126 729	46 774 413	10 054 722	403 592	253 854
2007	39 431 807	32 386 605	36 305 053	23 331 450	49 284 868	10 443 539	490 482	272 057
2008	40 273 828	32 607 750	37 459 367	23 810 742	51 139 323	11 317 194	842 625	388 951
2009	40 557 912	32 971 657	38 122 558	23 019 741	52 786 957	11 500 100	1 008 731	516 888
2010	41 688 350	33 227 225	38 009 058	22 223 090	53 778 454	10 672 625	1 109 434	893 737
2011	42 707 037	33 839 846	38 574 529	20 683 924	56 007 806	11 114 916	987 576	938 919
2012	44 148 301	34 678 147	39 357 760	21 286 660	58 757 925	11 538 737	979 181	933 931
2013	45 307 431	35 441 528	39 738 975	21 486 112	60 798 257	11 768 865	1 108 502	1 101 918

in force of life insurance industry

Group insurance								
Life			Accident			Health		
No.	Persons	Amount (Million NT\$)	No.	Persons	Amount (Million NT\$)	No.	Persons	Amount (Million NT\$)
business								
162 303	1 616 029	933 423	162 991	5 503 572	5 741 756	80 137	7 423 238	4 791 106
34 207	1 606 735	1 523 430	220 908	5 894 691	6 696 871	102 835	8 966 344	5 974 970
37 779	1 518 329	1 025 700	268 435	5 672 236	5 804 187	120 811	7 672 438	5 098 050
37 346	1 711 627	1 134 891	289 168	6 595 628	6 675 014	163 749	7 260 775	4 278 228
36 972	1 729 174	1 141 348	267 731	6 173 530	12 374 997	152 779	6 977 709	4 648 945
70 673	1 709 501	1 155 020	273 098	7 013 538	5 319 944	135 424	8 335 138	4 206 295
30 643	2 113 690	1 278 059	566 348	11 776 825	11 168 271	184 520	8 563 464	983 912
35 163	2 019 668	1 179 448	505 899	11 453 548	9 356 049	161 389	7 946 801	3 052 230
31 714	2 203 580	1 343 951	522 692	11 146 378	9 079 039	174 499	8 616 186	2 632 518
28 484	2 174 361	1 267 833	539 245	11 078 783	8 713 334	181 997	10 586 541	4 610 559
in force								
82 547	3 817 631	2 660 249	211 605	8 621 930	12 917 114	130 015	11 438 812	5 740 777
65 324	4 105 283	2 896 404	187 337	9 318 167	12 714 211	123 060	12 209 990	5 869 668
82 050	4 376 914	2 935 660	192 391	8 845 768	11 931 627	120 648	12 727 581	6 126 457
102 443	5 082 911	3 368 385	269 619	10 666 136	12 918 187	185 368	13 865 548	6 735 419
101 588	5 710 947	3 794 232	253 331	11 733 823	13 453 043	179 159	15 218 967	6 600 878
105 445	5 791 506	3 987 848	269 958	12 978 925	14 832 850	182 309	16 883 770	6 825 358
84 659	6 009 368	3 914 620	289 384	15 687 350	15 088 065	162 252	19 879 518	6 297 750
125 926	6 435 095	4 195 505	414 392	18 632 811	14 841 556	471 527	24 276 984	8 245 559
121 601	6 859 492	4 413 220	411 442	19 263 847	15 278 832	431 771	21 589 145	4 509 337
115 017	7 265 526	4 517 825	424 199	20 621 158	15 721 462	438 391	28 143 028	7 656 657

Table 143. Benefit payments to policyholders of life insurance industry

Year	Individual insurance							
	Total		Life		Accident		Health	
	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)	No.	Amount (Million NT\$)
2004	8 107 710	462 559	3 759 465	398 180	1 224 404	15 855	3 095 455	35 332
2005	8 535 677	483 150	3 905 715	403 951	1 343 035	15 662	3 241 335	37 850
2006	9 845 826	631 939	4 854 173	505 552	1 480 608	15 450	3 380 394	41 756
2007	11 130 011	846 470	5 704 282	639 659	1 560 336	15 191	3 669 370	46 390
2008	12 372 370	1 090 922	6 478 569	873 637	1 670 596	16 065	3 995 534	52 619
2009	12 338 373	886 745	5 680 358	597 103	1 849 098	17 128	4 521 660	57 681
2010	16 382 298	1 176 108	8 372 098	726 199	1 802 175	16 846	5 499 954	62 231
2011	17 790 789	1 400 344	9 257 744	963 634	1 753 575	17 509	5 891 250	67 485
2012	20 526 576	1 232 926	11 511 533	922 126	1 808 178	17 900	6 415 404	73 766
2013	23 246 126	1 235 121	13 311 899	918 587	1 794 646	18 154	6 721 554	78 666

Year	Individual insurance		Group insurance					
	Annuity		Life		Accident		Health	
	No.	Amount (Million NT\$)	Persons	Amount (Million NT\$)	Persons	Amount (Million NT\$)	Persons	Amount (Million NT\$)
2004	28 386	13 192	57 759	8 153	132 142	3 992	333 669	5 880
2005	45 592	25 688	32 770	5 668	110 927	3 756	455 109	6 607
2006	130 651	69 180	24 397	5 577	113 624	3 617	465 333	7 172
2007	196 023	145 230	22 231	6 510	126 789	3 502	429 630	7 465
2008	227 671	148 601	21 261	6 111	163 685	3 483	467 546	8 049
2009	287 257	214 833	17 160	3 836	178 048	3 392	506 069	8 374
2010	708 071	370 832	18 158	3 604	182 991	3 295	526 141	8 457
2011	888 220	351 715	20 115	3 882	193 122	3 382	635 489	8 610
2012	791 461	219 135	23 237	4 113	209 850	3 413	970 822	8 583
2013	1 418 027	219 714	29 299	6 783	204 759	3 319	1 092 706	8 685

Table 144. Premium receipts of life insurance industry

Million NT\$

Year	Individual insurance					Group insurance			
	Total	Life	Accident	Health	Annuity	Total	Life	Accident	Health
2004	1 286 064	948 114	48 706	134 241	155 004	22 425	6 896	9 188	6 341
2005	1 434 274	1 120 305	49 059	143 869	121 040	23 478	6 803	9 444	7 230
2006	1 541 197	1 238 954	49 537	155 594	97 113	22 503	6 059	8 666	7 778
2007	1 852 408	1 461 458	50 100	171 412	169 438	22 689	5 105	8 262	9 322
2008	1 897 626	1 330 840	50 609	188 180	327 997	21 217	4 573	7 493	9 151
2009	1 986 763	1 301 359	50 026	210 842	424 536	19 796	4 215	6 867	8 714
2010	2 292 855	1 491 337	49 088	225 365	527 064	19 995	4 511	7 063	8 421
2011	2 177 719	1 671 867	50 229	242 013	213 610	20 453	4 774	6 883	8 795
2012	2 457 572	1 927 367	51 751	263 150	215 304	20 776	5 081	6 943	8 752
2013	2 562 727	1 850 835	53 195	281 433	377 264	20 805	5 067	6 826	8 912

Table 145. Acquisitions of investments of life insurance industry

Million NT\$

Year	Total	Cash in ¹ bank	Securities	Real estate ²	Loan to policyholders	Loans	Foreign investments	Authorized projects or public investment	Others ³
1999	1 998 929	401 701	596 092	159 640	264 848	428 733	83 427	64 487	-
2000	2 334 625	354 855	794 403	185 281	330 600	476 146	108 085	85 255	-
2001	2 740 569	341 650	905 248	195 774	382 642	488 707	335 010	91 538	-
2002	3 294 492	270 107	1 293 069	219 301	398 198	482 717	538 750	92 350	-
2003	4 207 290	180 375	1 727 087	221 859	426 608	447 115	1 114 148	90 099	-
2004	4 980 390	196 751	2 251 995	230 690	426 087	438 725	1 355 025	81 117	-
2005	5 838 282	189 966	2 643 542	240 473	443 844	461 055	1 786 062	73 340	-
2006	6 847 781	315 772	3 132 905	261 736	481 385	524 702	2 075 678	55 603	-
2007	7 481 072	410 953	3 252 401	294 946	542 370	617 042	2 336 141	27 217	-
2008	7 981 732	529 959	3 439 311	321 072	616 912	631 347	2 419 200	23 931	-
2009	9 262 559	688 378	3 999 857	386 923	612 523	569 810	2 980 183	24 884	-
2010	10 556 011	731 531	4 477 511	479 756	581 607	545 684	3 643 166	20 258	76 497
2011	11 468 150	705 905	4 700 105	543 299	569 237	569 502	4 327 620	17 030	35 452
2012	12 758 605	740 847	4 904 880	668 519	530 206	626 819	5 223 997	16 479	46 857
2013	14 677 656	708 878	5 325 451	819 790	556 811	819 819	6 396 747	17 574	32 587

Notes : ¹ Cash in bank include current deposits, check deposits and time deposits.

² Prior to 2009, real estate don't include private use.

³ Including investments in insurance-related businesses, derivatives trading, and other funds allocations as approved by the competent authority

EXTERNAL TRADE

External trade, covering imports and exports in value, trade composition and trade indices, are compiled from the import and export declaration documents on a monthly basis, with the results incorporated in the *Monthly Statistics of Exports and Imports*, published by the Department of Statistics, Ministry of Finance.

Imports and exports statistics cover only cargoes exported to and imported from foreign countries; fish sales and bunker oil receipts at local ports have also been included in exports since 1970. Values of exports are priced on a free-on-board (F.O.B.) basis, and values of imports are priced on a cost-insurance-freight (C.I.F.) basis. Exported goods are classified according to the country of destination which was declared by the exporter. If there are more than one destination, the final destination shall be applied. Imported goods are classified according to the country of origin. Trade indices, compiled from a sample of 1,872 export items and 1,968 import items, can be classified into five categories and their formulas as follows:

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

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

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

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

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

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

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

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

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

Table 146. Value of

End of Year	Exports			Million NT\$
	Million NT\$	Million US\$	Annual change (%)	
1984	1 209 578	30 580	19.9	872 242
1985	1 226 718	30 819	1.4	803 382
1986	1 509 630	39 931	23.1	917 546
1987	1 710 000	53 754	13.3	1 114 418
1988	1 735 138	60 784	1.5	1 424 243
1989	1 751 226	66 435	0.9	1 387 023
1990	1 808 420	67 425	3.3	1 473 688
1991	2 051 049	76 563	13.4	1 698 335
1992	2 064 353	82 122	0.6	1 825 784
1993	2 261 835	85 957	9.6	2 043 494
1994	2 489 032	94 300	10.0	2 270 895
1995	2 994 173	113 342	20.3	2 755 095
1996	3 221 533	117 581	7.6	2 830 309
1997	3 541 490	124 170	9.9	3 291 194
1998	3 760 473	112 595	6.2	3 522 508
1999	3 986 374	123 733	6.0	3 592 789
2000	4 729 286	151 950	18.6	4 391 226
2001	4 254 285	126 314	- 10.0	3 644 181
2002	4 670 404	135 317	9.8	3 918 415
2003	5 172 958	150 601	10.8	4 409 978
2004	6 097 235	182 370	17.9	5 656 672
2005	6 374 496	198 432	4.5	5 877 163
2006	7 279 318	224 017	14.2	6 604 337
2007	8 087 934	246 677	11.1	7 211 791
2008	8 010 379	255 629	- 1.0	7 551 084
2009	6 708 884	203 675	- 16.2	5 757 178
2010	8 656 832	274 601	29.0	7 943 487
2011	9 041 593	308 257	4.4	8 280 371
2012	8 899 965	301 181	- 1.6	8 021 456
2013	9 042 805	305 441	1.6	8 015 617

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

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

external trade

Imports		Balance		Exchange rate (US\$ per NT\$)	
Million US\$	Annual change (%)	Million NT\$	Million US\$	Exports	Imports
21 994	7.0	337 336	8 586	39.55	39.66
20 141	- 7.9	423 336	10 678	39.80	39.89
24 195	14.2	592 084	15 736	37.81	37.92
35 001	21.5	595 582	18 753	31.81	31.84
49 713	27.8	310 895	11 071	28.55	28.65
52 314	- 2.6	364 203	14 120	26.36	26.51
54 786	6.2	334 732	12 639	26.82	26.90
63 142	15.2	352 714	13 421	26.79	26.90
72 353	7.5	238 569	9 770	25.14	25.23
77 393	11.9	218 341	8 564	26.31	26.40
85 698	11.1	218 137	8 602	26.39	26.50
104 012	21.3	239 078	9 330	26.42	26.49
102 922	2.7	391 224	14 659	27.40	27.50
114 955	16.3	250 296	9 215	28.52	28.63
105 230	7.0	237 965	7 366	33.40	33.47
111 196	2.0	393 585	12 537	32.22	32.31
140 732	22.2	338 060	11 218	31.12	31.20
107 971	- 17.0	610 104	18 344	33.68	33.75
113 245	7.5	751 989	22 072	34.51	34.60
128 010	12.5	762 980	22 590	34.35	34.45
168 758	28.3	440 563	13 613	33.43	33.52
182 614	3.9	497 333	15 817	32.12	32.18
202 698	12.4	674 981	21 319	32.49	32.58
219 252	9.2	876 143	27 425	32.79	32.89
240 448	4.7	459 295	15 181	31.34	31.40
174 371	- 23.8	951 706	29 304	32.94	33.02
251 236	38.0	713 345	23 364	31.53	31.62
281 438	4.2	761 222	26 820	29.33	29.42
270 473	- 3.1	878 509	30 708	29.55	29.66
269 897	- 0.1	1 027 188	35 544	29.61	29.70

Table 147. Indices of external trade

2011 = 100

Year	Value index		Quantum index		Unit value index		Net terms of trade	Income terms of trade
	Exports	Imports	Exports	Imports	Exports	Imports		
1994	28.55	27.46	55.30	49.92	51.62	55.01	93.84	51.90
1995	34.28	33.31	57.74	54.70	59.37	60.89	97.50	56.30
1996	36.92	34.18	60.03	55.34	61.50	61.78	99.56	59.77
1997	40.46	39.78	64.46	64.33	62.78	61.83	101.54	65.45
1998	42.93	42.54	65.25	67.03	65.79	63.47	103.65	67.63
1999	45.54	43.43	67.62	68.86	67.34	63.07	106.78	72.20
2000	53.66	53.05	72.97	75.78	73.53	70.00	105.05	76.66
2001	48.10	43.95	62.13	67.55	77.42	65.05	119.00	73.93
2002	52.40	47.28	67.63	72.92	77.47	64.84	119.49	80.81
2003	57.56	53.23	69.31	77.90	83.05	68.33	121.54	84.24
2004	67.62	68.33	74.17	90.06	91.16	75.87	120.16	89.13
2005	70.72	70.97	79.28	92.17	89.20	77.00	115.85	91.85
2006	80.51	79.76	86.45	94.65	93.13	84.27	110.51	95.54
2007	89.45	87.10	93.17	97.11	96.01	89.69	107.06	99.74
2008	88.59	91.20	90.02	92.44	98.42	98.65	99.76	89.80
2009	74.20	69.53	81.76	83.08	90.75	83.69	108.44	88.66
2010	95.74	95.93	100.38	104.55	95.38	91.76	103.95	104.34
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.43	96.87	95.98	97.14	102.55	99.73	102.83	98.70
2013	100.01	96.80	93.49	97.26	106.97	99.52	107.48	100.48

Table 148. Composition of exports and imports

%

Year	Exports			Imports			
	Agricultural products	Processed agricultural products	Industrial products	Capital goods	Agricultural & industrial raw materials	Consumption goods	Others
1994 r	0.5	3.6	95.9	15.9	70.7	11.1	2.3
1995 r	0.4	3.4	96.2	16.2	72.0	9.9	1.9
1996 r	0.4	3.1	96.5	17.9	69.0	9.4	3.7
1997 r	0.3	1.8	97.9	18.8	67.5	8.9	4.8
1998 r	0.3	1.5	98.2	22.6	63.8	8.6	4.9
1999 r	0.3	1.3	98.4	25.6	64.2	8.7	1.6
2000 r	0.2	1.2	98.6	27.0	63.5	8.4	1.1
2001 r	0.2	1.3	98.4	24.0	65.2	9.5	1.4
2002 r	0.3	1.3	98.5	21.7	67.3	9.3	1.6
2003 r	0.3	1.2	98.6	19.3	70.4	9.2	1.1
2004 r	0.2	1.1	98.6	20.2	70.8	8.1	0.9
2005 r	0.2	1.1	98.7	17.5	72.9	8.6	0.9
2006 r	0.2	0.8	99.0	15.5	76.1	7.7	0.7
2007 r	0.2	0.8	99.1	14.7	77.2	7.4	0.6
2008 r	0.2	0.9	98.9	12.2	79.9	7.2	0.6
2009 r	0.2	0.9	98.8	13.1	76.7	9.3	0.9
2010 r	0.3	0.8	98.9	15.4	75.7	8.1	0.8
2011 r	0.3	0.9	98.8	12.9	77.6	8.6	0.8
2012 r	0.3	1.0	98.7	12.6	77.3	9.3	0.8
2013	0.3	1.0	98.7	13.3	75.6	9.9	1.2

Table 149. Exports by regions

Country or area of region	1999	2000	2001	2002	2003	2004
Total	123 733 345	151 949 756	126 314 288	135 316 743	150 600 472	182 370 384
Asia	60 662 273	79 130 927	67 201 034	78 070 207	91 037 474	115 163 062
Hong Kong	26 825 264	32 741 718	28 712 715	32 959 608	30 868 284	32 896 214
Japan	12 042 837	16 887 176	13 024 452	12 368 037	12 429 909	13 808 010
Korea, Rep. of	2 645 415	4 002 304	3 372 790	3 963 639	4 710 279	5 629 770
Singapore	3 946 906	5 637 065	4 220 861	4 622 938	5 274 598	6 747 337
Thailand	2 194 685	2 652 616	2 197 047	2 367 314	2 639 593	3 317 874
Mainland China	2 602 091	4 391 494	4 895 371	10 526 873	22 890 761	36 349 368
Middle and Near East	2 228 219	2 548 746	2 239 550	2 409 650	2 752 700	3 669 683
Kuwait	69 006	67 043	62 956	74 941	82 005	99 779
Saudi Arabia	383 191	351 664	345 393	336 255	361 874	430 397
Europe	20 452 113	23 903 931	20 000 236	18 811 345	20 762 964	23 810 944
France	1 594 406	1 657 862	1 184 676	1 140 261	1 271 523	1 591 503
Germany	4 098 634	4 936 278	4 536 626	3 886 444	4 285 505	4 607 146
Italy	1 335 511	1 489 871	1 262 013	1 260 208	1 467 958	1 738 960
United Kingdom	3 873 172	4 591 422	3 375 586	2 985 876	2 931 700	3 430 173
Africa	1 300 413	1 332 643	1 178 956	1 173 013	1 373 555	1 520 112
Nigeria	145 839	137 568	139 672	153 587	177 825	162 862
North America	33 100 128	37 479 133	29 715 132	28 908 844	28 038 393	30 403 217
Canada	1 759 948	1 890 128	1 578 802	1 543 046	1 483 269	1 651 874
U.S.A.	31 339 373	35 588 452	28 135 593	27 365 143	26 553 693	28 750 997
Central and South America	2 946 951	3 974 854	3 241 729	2 936 268	2 891 524	3 415 275
Mexico	907 581	1 253 254	1 031 239	946 463	891 400	987 118
Panama	143 242	197 508	123 991	129 287	121 207	246 987
Brazil	471 306	781 662	573 776	474 636	456 440	716 891
Oceania	2 204 833	2 309 084	1 740 633	1 947 196	2 464 240	2 877 115
Australia	1 854 738	1 839 301	1 374 642	1 601 226	1 899 676	2 268 550
Others	838 415	1 270 438	997 018	1 060 220	1 279 622	1 510 976

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

and principal countries (areas)

Thousand US\$

2005	2006	2007	2008	2009	2010	2011	2012	2013
198 431 651	224 017 271	246 676 931	255 628 690	203 674 648	274 600 519	308 257 310	301 180 864	305 441 190
129 053 484	146 758 727	164 346 202	169 521 279	140 107 525	190 790 673	212 809 938	211 590 479	216 927 300
34 035 551	37 381 238	37 979 705	32 689 899	29 455 233	37 807 122	40 084 464	37 932 192	39 433 377
15 110 778	16 300 328	15 933 592	17 555 991	14 502 259	18 005 979	18 228 117	18 988 778	19 222 455
5 877 373	7 154 199	7 794 043	8 705 814	7 302 546	10 681 612	12 378 215	11 842 404	12 077 483
8 042 240	9 279 613	10 501 439	11 675 814	8 613 846	12 096 399	16 879 779	20 090 847	19 518 063
3 820 310	4 576 627	5 199 643	4 906 009	3 826 841	5 288 461	6 139 604	6 565 995	6 336 380
43 643 661	51 808 557	62 416 765	66 883 516	54 248 679	76 935 146	83 959 956	80 714 249	81 788 154
4 156 825	4 461 902	5 563 232	5 714 500	4 582 766	6 225 625	7 525 568	7 372 120	7 579 785
115 221	108 671	128 584	141 663	146 891	142 078	170 221	175 739	230 884
495 947	529 766	733 156	991 989	674 172	1 001 972	1 688 627	1 852 943	1 816 155
23 626 528	26 110 977	28 634 647	29 948 224	22 576 934	29 371 615	31 204 164	28 765 177	27 750 302
1 452 895	1 565 436	1 705 477	1 730 214	1 369 130	1 697 371	1 743 497	1 560 140	1 486 240
4 463 074	5 006 991	5 174 808	5 729 705	4 695 923	6 511 611	6 868 895	5 644 825	5 625 095
1 797 527	2 194 727	2 410 405	2 449 658	1 786 569	2 447 179	2 459 005	1 833 074	1 714 772
3 262 802	3 510 558	3 617 950	3 630 492	2 980 199	3 621 362	4 619 641	5 064 903	4 321 625
1 639 568	2 065 190	2 124 787	2 867 348	2 243 980	2 228 991	2 944 320	3 103 682	3 367 908
178 878	171 394	189 393	278 857	243 534	224 305	245 158	195 620	262 969
30 804 935	34 131 470	33 928 820	32 644 565	25 014 086	33 415 913	38 934 764	35 481 481	34 974 704
1 690 300	1 770 286	1 850 505	1 853 007	1 460 635	1 949 001	2 569 492	2 504 514	2 409 934
29 113 853	32 360 688	32 077 102	30 790 956	23 552 856	31 466 029	36 364 294	32 976 155	32 564 305
3 974 588	4 650 259	5 531 320	7 195 332	4 435 207	6 015 325	7 002 906	6 928 133	6 642 252
883 138	1 073 236	1 503 267	1 855 068	1 097 124	1 510 855	1 534 730	1 813 163	1 785 941
225 485	181 414	205 281	234 012	153 421	290 111	196 396	222 919	179 122
1 017 435	1 285 877	1 669 703	2 744 682	1 406 537	1 908 607	2 354 859	1 989 284	1 835 115
3 014 803	3 362 224	3 975 781	4 372 518	2 857 668	3 903 779	4 437 571	4 684 287	4 923 721
2 392 597	2 722 973	3 233 258	3 486 590	2 353 386	3 132 068	3 652 615	3 653 000	3 767 294
2 160 920	2 476 522	2 572 142	3 364 924	1 856 482	2 648 598	3 398 079	3 255 505	3 275 218

Table 150. Imports by regions

Country or area of region	1999	2000	2001	2002	2003	2004
Total	111 196 086	140 731 990	107 970 570	113 245 120	128 010 148	168 757 598
Asia	60 901 025	78 894 691	59 067 515	64 495 758	74 633 632	98 423 374
Japan	30 637 138	38 622 073	25 933 484	27 363 325	32 719 525	43 717 802
Hong Kong	2 223 600	2 364 182	2 051 591	1 914 898	1 917 196	2 309 164
Indonesia	2 296 941	3 020 530	2 527 889	2 592 605	2 926 646	4 114 535
Malaysia	3 895 257	5 350 520	4 232 763	4 175 555	4 766 713	5 424 990
Korea, Rep. of	7 202 328	9 027 154	6 732 022	7 741 421	8 738 160	11 663 599
Mainland China	4 528 891	6 229 334	5 902 959	7 968 584	11 017 887	16 792 252
Middle and Near East	4 111 382	6 743 442	6 608 650	7 254 743	10 423 754	14 028 569
Kuwait	406 830	982 191	1 130 414	1 288 812	2 002 271	2 770 157
Saudi Arabia	1 384 589	2 721 008	2 746 035	2 407 270	4 276 038	5 558 950
Europe	17 629 542	19 090 151	15 069 791	14 728 390	16 259 282	21 258 722
France	1 895 170	1 838 690	2 140 382	1 558 760	1 632 990	2 099 857
Germany	5 331 787	5 578 810	4 274 220	4 448 258	4 986 253	5 852 028
Italy	1 313 685	1 399 013	1 089 428	1 095 022	1 138 162	1 349 320
United Kingdom	1 745 372	1 952 902	1 457 087	1 371 908	1 431 079	1 745 036
Africa	2 229 846	3 285 723	2 662 104	2 133 276	2 708 960	4 127 848
North America	20 950 198	26 555 073	19 419 288	19 206 841	18 080 364	22 984 702
Canada	1 131 786	1 284 793	1 011 996	951 220	1 085 056	1 204 323
U.S.A.	19 818 117	25 269 878	18 407 253	18 255 577	16 995 299	21 780 377
Central and South America	1 921 263	2 112 591	1 545 600	1 917 063	2 413 282	3 597 714
Mexico	491 951	557 170	421 120	364 763	334 153	416 523
Panama	3 290	2 053	4 413	6 204	6 377	22 945
Brazil	476 836	553 936	445 178	585 429	916 297	1 332 078
Oceania	3 391 688	3 986 096	3 543 738	3 287 940	3 239 577	4 059 870
Australia	2 964 741	3 510 837	3 090 500	2 839 188	2 732 209	3 429 629
New Zealand	362 075	382 306	346 765	342 305	383 483	459 016
Others	61 142	64 223	53 884	221 109	251 297	276 799

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

and principal countries (areas)

Thousand US\$

2005	2006	2007	2008	2009	2010	2011	2012	2013
182 614 393	202 698 135	219 251 567	240 447 789	174 370 531	251 236 390	281 437 549	270 472 560	269 896 778
106 140 212	116 019 615	121 072 145	125 021 701	98 470 638	142 925 696	157 803 052	146 676 459	145 202 378
46 053 319	46 284 409	45 936 862	46 508 013	36 220 017	51 917 431	52 199 740	47 573 642	43 161 752
2 109 729	1 880 644	1 824 902	1 492 771	1 122 556	1 627 623	1 675 452	2 658 825	1 658 862
4 542 964	5 204 299	5 775 954	7 288 968	5 183 686	6 020 156	7 428 224	7 324 846	7 150 821
5 217 223	6 051 561	6 192 410	6 762 668	4 552 646	7 695 023	8 601 508	7 841 687	8 123 743
13 239 158	14 999 578	15 158 354	13 168 383	10 506 837	16 058 786	17 860 303	15 073 236	15 768 136
20 093 696	24 783 086	28 014 979	31 391 315	24 423 472	35 945 951	43 596 545	40 908 232	42 589 317
19 152 512	24 916 352	27 825 870	38 932 912	22 513 091	31 389 369	35 993 552	43 249 097	43 502 045
4 295 825	5 007 826	5 742 741	8 074 201	4 555 730	6 124 839	7 695 823	8 614 407	8 407 498
7 437 249	9 760 161	10 409 566	15 172 687	8 657 904	11 859 219	13 846 602	14 788 757	15 598 496
21 895 493	21 452 196	23 566 635	24 450 736	19 455 679	26 004 933	29 586 190	28 266 382	29 986 418
2 544 412	2 219 958	2 381 940	2 292 829	1 784 248	2 250 204	2 725 927	2 959 940	2 658 929
6 180 253	6 135 238	7 070 040	7 474 274	5 672 902	8 264 091	9 427 645	7 754 060	8 253 438
1 451 733	1 545 193	1 475 619	1 635 421	1 830 966	1 948 810	2 300 815	2 026 501	2 108 773
1 714 064	1 781 013	1 920 418	1 917 640	1 230 253	1 672 887	1 931 543	1 844 432	1 772 049
3 602 963	5 523 164	6 131 965	7 981 802	3 823 795	7 148 340	10 569 940	9 449 299	8 212 464
22 494 970	24 038 316	28 205 133	28 115 721	19 301 419	26 912 792	27 780 934	25 228 145	26 694 883
1 324 077	1 373 811	1 697 045	1 789 105	1 147 509	1 533 417	2 022 117	1 624 297	1 474 578
21 170 843	22 664 494	26 508 055	26 326 558	18 153 900	25 379 359	25 758 792	23 063 823	25 201 256
3 614 650	4 304 109	5 007 386	6 424 456	3 974 156	6 931 525	7 677 794	7 285 036	7 333 936
355 401	426 738	593 182	589 580	343 214	587 485	618 252	590 648	805 489
24 635	36 294	53 782	69 014	23 543	44 841	43 940	35 366	40 343
1 216 347	1 065 887	1 341 776	2 192 112	1 301 204	2 445 530	2 996 745	3 042 985	2 754 912
5 397 303	6 124 580	7 114 189	9 138 665	6 554 836	9 802 562	11 913 004	10 209 557	8 872 204
4 726 429	5 349 481	6 122 115	8 270 645	5 965 882	8 921 389	10 907 288	9 287 911	7 898 544
507 634	502 227	565 051	571 422	459 040	610 432	730 541	691 248	746 193
316 290	319 803	328 244	381 796	276 917	121 173	113 083	108 585	92 450

Table 151. Exports and imports by SITC sections

Million US\$

	2007	2008	2009	2010	2011	2012	2013
	Exports						
Total	246 677	255 629	203 675	274 601	308 257	301 181	305 441
0. Food and live animals	1 836	2 259	1 914	2 401	2 942	3 286	3 215
1. Beverages and tobacco	101	143	197	270	338	370	450
2. Crude materials, inedible, except fuels	3 450	3 624	2 699	3 527	4 443	3 960	3 761
3. Mineral fuels, lubricants and related materials	13 749	18 628	11 302	14 397	17 436	21 608	23 173
4. Animal and vegetable oils, fats and waxes	62	79	67	82	100	97	108
5. Chemicals and related products, n.e.s.	28 606	31 359	25 895	35 635	40 829	38 050	39 405
6. Manufactured goods classified chiefly by material	41 869	42 497	32 026	41 670	49 009	47 073	45 128
7. Machinery and transport equipment	120 875	119 133	98 913	135 112	148 546	144 275	149 007
8. Miscellaneous manufactured articles	34 707	35 699	27 890	38 528	40 242	39 721	38 999
9. Commodities and transactions not classified elsewhere in the SITC	1 422	2 208	2 771	2 978	4 373	2 741	2 196
	Imports						
Total	219 252	240 448	174 371	251 236	281 438	270 473	269 897
0. Food and live animals	5 152	6 254	5 571	6 745	7 834	7 835	7 855
1. Beverages and tobacco	1 118	1 221	984	1 151	1 326	1 390	1 454
2. Crude materials, inedible, except fuels	11 468	13 087	7 760	12 671	15 115	13 100	12 616
3. Mineral fuels, lubricants and related materials	43 413	61 952	37 124	51 503	63 062	69 948	68 816
4. Animal and vegetable oils, fats and waxes	277	386	252	327	421	408	369
5. Chemicals and related products, n.e.s.	28 746	30 599	23 935	34 515	40 049	35 798	35 909
6. Manufactured goods classified chiefly by material	29 242	31 774	19 578	30 022	33 831	30 565	28 035
7. Machinery and transport equipment	79 107	75 589	62 145	90 835	94 098	87 444	89 457
8. Miscellaneous manufactured articles	17 676	16 283	13 688	19 105	20 687	19 662	20 057
9. Commodities and transactions not classified elsewhere in the SITC	3 054	3 303	3 335	4 362	5 014	4 322	5 330

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*, 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 152. Net revenues and

A. By current

Year	Net revenues							
	Total		Current		Capital		Total	
	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)
FY1989	921 575	100.0	890 664	96.6	30 911	3.4	1 207 351	100.0
FY1990	1 092 401	100.0	1 053 410	96.4	38 991	3.6	1 097 518	100.0
FY1991	1 049 931	100.0	997 536	95.0	52 395	5.0	1 275 613	100.0
FY1992	1 257 568	100.0	1 218 653	96.9	38 915	3.1	1 561 930	100.0
FY1993	1 416 334	100.0	1 352 986	95.5	63 348	4.5	1 756 306	100.0
FY1994	1 502 754	100.0	1 441 922	96.0	60 832	4.0	1 826 367	100.0
FY1995	1 559 429	100.0	1 522 624	97.6	36 805	2.4	1 910 066	100.0
FY1996	1 604 184	100.0	1 550 943	96.7	53 241	3.3	1 843 786	100.0
FY1997	1 704 759	100.0	1 629 420	95.6	75 338	4.4	1 878 764	100.0
FY1998	2 053 458	100.0	1 960 620	95.5	92 838	4.5	1 992 593	100.0
FY1999	2 004 394	100.0	1 867 081	93.1	137 313	6.9	2 050 004	100.0
FY2000	2 784 863	100.0	2 679 563	96.2	105 299	3.8	3 140 936	100.0
2001	1 896 841	100.0	1 809 035	95.4	87 805	4.6	2 271 755	100.0
2002	1 787 919	100.0	1 706 602	95.5	81 317	4.5	2 144 994	100.0
2003	1 948 847	100.0	1 834 654	94.1	114 193	5.9	2 216 514	100.0
2004	1 927 400	100.0	1 845 279	95.7	82 121	4.3	2 245 047	100.0
2005	2 218 039	100.0	2 108 064	95.0	109 976	5.0	2 291 999	100.0
2006	2 177 018	100.0	2 094 023	96.2	82 995	3.8	2 214 226	100.0
2007	2 244 758	100.0	2 189 035	97.5	55 724	2.5	2 290 169	100.0
2008	2 231 614	100.0	2 181 188	97.7	50 425	2.3	2 343 585	100.0
2009	2 113 644	100.0	2 041 412	96.6	72 232	3.4	2 670 898	100.0
2010	2 115 554	100.0	2 062 022	97.5	53 532	2.5	2 566 804	100.0
2011	2 306 173	100.0	2 238 905	97.1	67 268	2.9	2 612 947	100.0
2012 r	2 321 205	100.0	2 259 104	97.3	62 102	2.7	2 677 984	100.0
2013	2 457 613	100.0	2 370 378	96.5	87 235	3.5	2 665 244	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 (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)
577 967	47.9	629 384	52.1	- 285 775	- 31.0	312 697	35.1	- 598 473	- 95.1
702 812	64.0	394 706	36.0	- 5 116	- 0.5	350 599	33.3	- 355 715	- 90.1
823 188	64.5	452 425	35.5	- 225 682	- 21.5	174 348	17.5	- 400 030	- 88.4
919 058	58.8	642 872	41.2	- 304 362	- 24.2	299 595	24.6	- 603 957	- 93.9
1 025 405	58.4	730 902	41.6	- 339 972	- 24.0	327 581	24.2	- 667 553	- 91.3
1 163 298	63.7	663 069	36.3	- 323 613	- 21.5	278 624	19.3	- 602 237	- 90.8
1 328 425	69.5	581 641	30.5	- 350 637	- 22.5	194 199	12.8	- 544 836	- 93.7
1 383 725	75.0	460 061	25.0	- 239 602	- 14.9	167 218	10.8	- 406 820	- 88.4
1 463 449	77.9	415 315	22.1	- 174 005	- 10.2	165 972	10.2	- 339 976	- 81.9
1 545 052	77.5	447 542	22.5	60 865	3.0	415 568	21.2	- 354 704	- 79.3
1 554 405	75.8	495 598	24.2	- 45 609	- 2.3	312 676	16.7	- 358 286	- 72.3
2 529 683	80.5	611 253	19.5	- 356 074	- 12.8	149 880	5.6	- 505 954	- 82.8
1 771 630	78.0	500 125	22.0	- 374 915	- 19.8	37 405	2.1	- 412 320	- 82.4
1 649 952	76.9	495 042	23.1	- 357 075	- 20.0	56 651	3.3	- 413 726	- 83.6
1 683 569	76.0	532 946	24.0	- 267 667	- 13.7	151 085	8.2	- 418 752	- 78.6
1 703 657	75.9	541 390	24.1	- 317 647	- 16.5	141 622	7.7	- 459 269	- 84.8
1 729 489	75.5	562 510	24.5	- 73 960	- 3.3	378 575	18.0	- 452 534	- 80.4
1 754 091	79.2	460 134	20.8	- 37 208	- 1.7	339 932	16.2	- 377 140	- 82.0
1 801 511	78.7	488 658	21.3	- 45 411	- 2.0	387 523	17.7	- 432 934	- 88.6
1 811 308	77.3	532 278	22.7	- 111 972	- 5.0	369 881	17.0	- 481 852	- 90.5
2 008 372	75.2	662 526	24.8	- 557 254	- 26.4	33 040	1.6	- 590 294	- 89.1
1 911 511	74.5	655 293	25.5	- 451 251	- 21.3	150 511	7.3	- 601 761	- 91.8
2 020 023	77.3	592 924	22.7	- 306 774	- 13.3	218 883	9.8	- 525 657	- 88.7
2 179 796	81.4	498 188	18.6	- 356 779	- 15.4	79 307	3.5	- 436 087	- 87.5
2 166 659	81.3	498 586	18.7	- 207 631	- 8.4	203 719	8.6	- 411 350	- 82.5

Table 152. Net revenues and

Item	FY 1990	FY 1991	FY 1992	FY 1993
Net revenues by sources, total	1 092 401	1 049 931	1 257 568	1 416 334
Revenues from taxes	794 812	748 508	909 110	983 387
Revenues from monopolies	52 921	60 113	58 513	62 109
Fees	25 364	23 846	34 403	51 123
Fines and indemnities	11 467	13 815	18 757	21 760
Surplus of public enterprises & public utilities	121 418	94 835	141 045	166 471
Profits of public properties	3 916	5 949	7 582	17 290
Capitals from sales of properties & recalled capital	38 991	52 395	38 915	63 348
Donations and contributions	584	620	1 016	1 051
Others	42 929	49 851	48 227	49 794
Net expenditures by administrative affairs , total	1 097 518	1 275 613	1 561 930	1 756 306
General administration	125 786	153 278	198 348	208 961
National defense	210 974	227 099	239 398	253 511
Education science and culture	227 271	288 077	324 834	350 351
Education	...	204 697	260 858	282 419
Science	...	45 679	45 094	44 143
Culture	...	37 701	18 882	23 789
Economic development	302 281	322 087	461 821	545 651
Agriculture	...	69 534	196 127	71 604
Industry	...	28 024	76 753	128 416
Transportation & communication	...	185 715	108 383	257 713
Other economic service	...	38 814	80 557	87 918
Social welfare	96 207	117 772	135 040	145 759
Social insurance	...	33 378	46 765	47 640
Social relief	...	13 581	6 334	9 607
Benefit service	...	46 374	53 780	57 838
Employment service	...	2 851	2 801	3 254
Medical care	...	21 587	25 361	27 419
Community development & environmental protection	31 248	33 089	63 042	72 163
Community development	...	8 200	16 414	18 677
Environmental protection	...	24 890	46 628	53 486
Pension & survivors' benefits	76 246	88 320	94 975	102 076
Obligations	16 755	33 398	33 936	63 894
Miscellaneous expenditure	10 749	12 492	10 537	13 941

expenditures of general government (continued)

Million NT\$

FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	2001
1 502 754	1 559 429	1 604 184	1 704 759	2 053 458	2 004 394	2 784 863	1 896 841
1 062 778	1 170 856	1 141 838	1 213 274	1 339 605	1 299 740	1 852 451	1 200 278
64 703	61 408	55 959	58 179	57 448	55 322	77 316	57 563
44 194	58 913	59 939	65 894	68 946	67 179	112 252	76 932
25 383	28 391	31 918	32 557	38 140	38 705	59 704	41 996
184 914	141 956	181 094	180 797	361 574	324 851	458 420	346 581
11 854	14 824	16 346	19 570	41 483	25 416	26 555	20 319
60 832	36 805	53 241	75 338	92 838	137 313	105 299	87 762
425	769	875	1 492	1 644	1 508	2 749	3 748
47 671	45 507	62 975	57 657	51 781	54 360	90 116	61 662
1 826 367	1 910 066	1 843 786	1 878 764	1 992 593	2 050 004	3 140 936	2 271 755
216 069	222 403	243 973	244 757	257 265	279 113	468 033	328 736
321 821	269 960	284 926	291 920	312 286	286 571	357 757	247 597
382 197	357 487	374 401	375 822	411 513	429 127	655 109	430 078
313 144	287 896	297 999	296 076	326 163	333 218	517 070	326 658
43 002	43 991	50 453	51 689	55 077	60 650	93 191	67 847
26 052	25 601	25 948	28 057	30 273	35 259	44 849	35 573
468 080	438 152	329 135	295 035	335 012	351 103	474 895	398 792
129 710	89 799	86 220	103 823	109 786	98 947	140 335	128 099
54 617	36 028	24 729	18 416	20 676	21 041	49 437	23 180
216 267	264 186	168 165	132 233	141 243	185 601	218 688	201 421
67 486	48 139	50 021	40 564	63 307	45 514	66 435	46 092
158 523	231 766	290 002	294 982	282 767	280 452	531 809	396 981
50 491	94 749	125 545	114 480	116 843	111 788	214 917	201 574
9 745	20 968	30 222	36 000	25 000	23 603	94 368	39 016
65 957	83 449	100 833	111 141	110 149	114 610	179 133	126 862
3 545	3 313	4 369	4 981	3 466	3 631	3 271	2 900
28 785	29 288	29 033	28 381	27 308	26 819	40 120	26 629
81 543	65 309	68 035	68 614	74 850	90 310	106 102	109 597
22 968	17 077	18 785	16 838	16 801	34 320	36 885	63 360
58 575	48 231	49 250	51 776	58 049	55 990	69 217	46 238
111 237	118 121	137 118	179 723	187 673	180 582	265 079	175 722
75 179	194 890	106 061	115 630	115 896	140 910	270 252	171 565
11 717	11 978	10 135	12 280	15 331	11 836	11 900	12 687

Table 152. Net revenues and

Item	2002	2003	2004	2005
Net revenues by sources, total	1 787 919	1 948 847	1 927 400	2 218 039
Revenues from taxes	1 190 874	1 220 116	1 353 410	1 531 297
Revenues from monopolies	346	-	-	-
Fees	125 261	76 452	85 330	88 816
Fines and indemnities	44 835	42 055	42 328	43 254
Surplus of public enterprises & public utilities	260 869	417 621	289 974	375 663
Profits of public properties	12 943	12 611	11 833	12 829
Capitals from sales of properties & recalled capital	81 317	114 192	82 121	109 975
Donations and contributions	2 053	4 944	5 329	5 716
Others	69 420	60 858	57 075	50 490
Net expenditures by administrative affairs , total	2 144 994	2 216 514	2 245 047	2 291 999
General administration	325 815	331 885	334 797	341 874
National defense	225 243	237 946	253 019	247 472
Education science and culture	437 756	464 186	469 544	473 243
Education	339 731	329 977	341 396	347 706
Science	69 839	95 097	92 023	93 908
Culture	28 185	39 112	36 125	31 629
Economic development	405 257	400 910	412 870	430 476
Agriculture	110 932	121 044	138 460	144 984
Industry	17 695	25 972	22 071	23 358
Transportation & communication	192 983	194 450	202 348	214 578
Other economic service	83 646	59 444	49 991	47 557
Social welfare	323 615	346 911	347 557	357 762
Social insurance	153 353	169 893	153 324	162 222
Social relief	19 649	18 180	19 572	20 658
Benefit service	120 266	120 561	138 848	144 471
Employment service	2 613	4 084	2 673	2 506
Medical care	27 733	34 194	33 140	27 906
Community development & environmental protection	71 702	90 061	95 008	100 704
Community development	20 542	31 535	38 712	38 429
Environmental protection	51 160	58 526	56 296	62 275
Pension & survivors' benefits	170 988	173 223	179 665	191 531
Obligations	170 966	159 667	139 331	132 639
Miscellaneous expenditure	13 652	11 726	13 254	16 298

expenditures of general government (continued)

Million NT\$

2006	2007	2008	2009	2010	2011	2012 ^r	2013
2 177 018	2 244 758	2 231 614	2 113 644	2 115 554	2 306 173	2 321 205	2 457 613
1 556 652	1 685 875	1 710 617	1 483 518	1 565 847	1 703 989	1 733 350	1 768 817
-	-	-	-	-	-	-	-
91 135	96 579	94 302	92 008	96 458	96 251	96 018	215 028
42 488	44 646	46 690	41 402	43 021	41 675	66 652	43 931
325 939	291 799	264 918	330 928	286 479	293 954	298 007	275 040
14 414	15 103	14 249	14 110	16 085	14 220	16 388	20 821
82 994	55 724	50 425	72 232	53 532	67 268	62 102	87 235
6 947	7 845	8 862	8 657	12 204	9 333	11 982	11 947
56 449	47 188	41 550	70 789	41 928	79 484	36 707	34 794
2 214 226	2 290 169	2 343 585	2 670 898	2 566 804	2 612 947	2 677 984	2 665 244
345 237	343 950	350 500	357 412	368 420	376 015	388 759	381 631
234 699	255 854	262 150	297 746	286 929	288 889	303 903	292 646
484 827	492 625	495 515	581 535	554 254	588 555	595 622	599 087
358 297	362 618	362 964	426 445	407 822	441 637	449 151	452 146
91 592	96 214	95 126	99 762	103 568	100 817	100 061	101 322
34 939	33 792	37 425	55 327	42 864	46 101	46 410	45 619
341 944	383 298	432 335	601 896	517 039	473 801	403 945	393 644
95 926	106 788	112 827	162 784	191 955	171 021	132 246	141 935
19 172	16 004	34 001	38 155	36 691	27 865	20 897	24 247
185 087	218 338	234 604	250 679	228 049	232 558	199 393	190 149
41 758	42 167	50 902	150 278	60 345	42 356	51 410	37 313
370 303	372 202	368 136	388 562	415 356	446 922	540 440	536 916
163 152	162 548	147 651	189 263	203 082	225 293	303 472	321 011
20 295	23 245	25 559	24 143	30 835	31 161	36 628	36 168
153 396	151 322	158 275	136 716	138 619	147 751	162 096	140 934
2 615	2 480	2 252	2 742	4 784	5 317	3 388	2 982
30 845	32 607	34 400	35 698	38 037	37 399	34 857	35 821
88 849	87 282	82 157	91 639	89 388	88 872	85 380	104 936
25 653	24 520	13 514	18 953	12 047	8 859	11 399	39 976
63 196	62 762	68 643	72 686	77 341	80 013	73 981	64 961
196 963	200 677	202 228	205 291	201 002	213 039	218 355	209 680
138 331	139 380	134 697	129 484	119 615	121 120	124 937	128 453
13 072	14 901	15 867	17 333	14 801	15 735	16 643	18 250

Table 153. Total net

Item	FY 1984	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989
Total	383 364	394 846	401 800	461 455	558 046	677 418
Taxes	343 212	353 109	356 975	415 318	511 637	629 753
National taxes	194 064	200 768	195 791	226 311	286 232	361 427
Customs duties	67 622	66 873	63 838	76 267	78 583	89 387
Mining concession tax	22	22	21	20	18	16
Income tax	67 957	75 889	79 440	91 339	123 122	157 063
Business income tax	33 850	36 686	37 259	44 819	61 063	80 139
Individual income tax	34 106	39 203	42 182	46 519	62 059	76 924
Estate and gift tax	2 745	2 831	2 962	4 221	4 772	4 873
Commodity tax	54 471	54 573	49 526	51 805	66 105	79 870
Tobacco and alcohol tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Securities transactions tax	1 247	581	3	2 660	13 632	30 219
Futures transactions tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Provincial & city taxes	73 948	76 880	82 832	90 687	100 900	109 012
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	35 871	38 195	45 745	62 173	73 733	77 785
Stamp tax	16 186	16 531	15 291	2 558	3 061	3 299
Vehicle license tax	7 368	8 076	9 140	10 099	11 711	14 095
Harbour construction dues	14 523	14 078	12 656	15 856	12 394	13 833
Municipality & county(city) taxes	75 200	75 460	78 353	98 320	124 505	159 313
Land tax	47 196	46 094	47 068	65 416	90 173	123 948
Agricultural land tax	1 115	1 107	973	952	879	15
Land value tax	10 756	10 899	10 820	9 447	12 498	17 347
Land value increment tax	35 325	34 089	35 275	55 017	76 796	106 586
House tax	17 559	18 848	20 436	21 894	24 206	24 724
Vehicle license tax	-	-	-	-	-	-
Deeds tax	5 605	5 901	6 381	7 851	9 244	9 978
Stamp tax	-	-	-	-	-	-
Amusement tax	1 341	1 207	1 235	1 088	897	663
Slaughter tax	3 498	3 410	3 234	2 072	- 15	0
Feast tax	-	-	-	-	-	-
Monopoly revenues	40 152	41 738	44 824	46 137	46 409	47 666
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 153. Total net

Item	FY 1999	FY2000	2001	2002	2003	2004
Total	1 355 062	1 929 767	1 257 841	1 225 601	1 252 766	1 387 300
Taxes	1 299 740	1 852 451	1 200 278	1 190 874	1 220 116	1 353 410
National taxes	788 392	1 513 155	997 266	981 610	991 380	1 097 710
Customs duties	103 045	156 815	92 558	85 901	82 783	78 885
Mining concession tax	11	15	9	10	10	4
Income tax	432 389	610 580	478 636	392 939	411 087	455 914
Business income tax	194 251	307 035	233 678	165 759	213 683	241 089
Individual income tax	238 138	303 545	244 958	227 180	197 404	214 825
Estate and gift tax	21 568	39 135	22 710	23 537	30 106	29 048
Commodity tax	145 497	219 425	133 883	143 641	146 012	159 644
Tabacco and alcohol tax	-	-	-	41 188	49 773	48 336
Stamp tax	-	-	-	-	-	-
Securities transactions tax	84 677	160 292	63 899	76 794	69 283	84 148
Futures transactions tax	1 204	2 484	1 862	2 864	4 806	8 272
Business tax	-	324 410	203 707	214 735	197 521	233 460
Provincial & city taxes	302 397	-	-	-	-	-
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	251 782	-	-	-	-	-
Stamp tax	7 399	-	-	-	-	-
Vehicle license tax	43 216	-	-	-	-	-
Harbour construction dues	-	-	-	-	-	-
Municipality & county(city) taxes	208 951	339 209	202 987	209 241	228 718	255 691
Land tax	148 313	215 533	93 182	98 069	111 803	133 893
Agricultural land tax	-	-	-	-	-	-
Land value tax	46 853	92 039	50 920	50 169	50 762	52 617
Land value increment tax	101 460	123 494	42 262	47 900	61 041	81 276
House tax	45 852	48 436	48 056	46 464	48 013	49 323
Vehicle license tax	-	46 689	44 688	45 886	47 765	49 904
Deeds tax	13 096	15 267	8 493	10 262	11 600	12 937
Stamp tax	-	11 032	7 036	6 911	7 786	7 771
Amusement tax	1 690	2 252	1 533	1 649	1 751	1 862
Slaughter tax	-	-	-	-	-	-
Education surtax ¹	-	88	25	23	18	9
Monopoly revenues	55 322	77 316	57 563	346	-	-
Financial enterprises business tax	-	-	-	26 083	22 433	24 230
Health and welfare surcharge on tobacco	-	-	-	8 298	10 217	9 661
Specifically selected goods and services tax ²	-	-	-	-	-	-

Notes : ¹ Education surtax has been excluded from the National taxes and the Municipality & county(city) taxes since 2000.

² The specifically selected goods and services tax has been imposed since June 2011.

tax revenues (continued)

Million NT\$

2005	2006	2007	2008	2009	2010	2011	2012	2013
1 567 396	1 600 804	1 733 895	1 760 438	1 530 282	1 622 244	1 764 611	1 796 697	1 834 124
1 531 297	1 556 652	1 685 875	1 710 617	1 483 518	1 565 847	1 703 989	1 733 350	1 768 817
1 269 563	1 295 680	1 420 741	1 461 840	1 238 558	1 292 839	1 423 444	1 447 900	1 448 391
82 374	79 567	81 859	80 426	68 827	89 484	96 323	94 918	97 009
1	0	0	0	0	0	0	-	-
625 807	646 218	730 160	834 988	640 967	590 387	710 191	760 810	743 290
329 357	311 888	382 634	445 245	334 163	285 701	367 186	367 744	351 115
296 450	334 330	347 526	389 744	306 804	304 686	343 005	393 065	392 174
30 451	28 694	28 481	28 978	22 327	40 330	23 659	28 280	23 728
168 411	159 201	149 037	126 660	127 879	150 777	164 877	160 897	162 504
50 443	51 042	50 415	49 506	45 349	44 516	44 660	44 939	44 769
-	-	-	-	-	-	-	-	-
68 204	89 954	128 895	90 630	105 956	104 574	93 990	71 940	71 383
6 342	4 072	5 758	6 692	3 750	4 556	5 860	4 298	2 669
237 531	236 931	246 137	243 961	223 503	268 214	283 884	281 817	303 039
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
261 725	260 964	265 129	248 772	244 960	273 017	280 543	285 448	320 425
135 370	131 208	133 691	116 082	112 367	136 357	141 982	143 849	174 081
-	-	-	-	-	-	-	-	-
53 706	54 660	59 009	59 127	59 054	63 044	63 374	62 712	70 826
81 664	76 547	74 682	56 955	53 313	73 313	78 608	81 137	103 255
50 877	52 494	53 883	55 343	56 347	58 203	59 467	61 796	63 013
51 863	52 548	53 271	53 255	53 050	54 052	55 380	56 534	57 759
13 178	14 014	13 637	12 696	13 066	13 815	12 640	11 693	13 560
8 458	8 714	8 837	9 650	8 464	8 945	9 397	10 009	10 377
1 979	1 986	1 809	1 745	1 666	1 646	1 676	1 566	1 634
-	-	-	-	-	-	-	-	-
10	8	5	5	0	- 9	1	2	1
-	-	-	-	-	-	-	-	-
25 712	26 644	28 131	29 706	21 853	21 602	23 806	24 720	24 932
10 387	17 508	19 888	20 115	24 911	34 795	34 609	34 352	35 057
-	-	-	-	-	-	2 206	4 275	5 318

Table 154. Government bonds: issues, redemption and outstanding volumes

Million NT\$

End of Year	Total	Issued by central government	Issued by municipal government	Issued by provincial government
1985 Outstanding	66 429	49 870	8 179	8 380
1986 Outstanding	92 131	73 508	8 743	9 880
1987 Outstanding	130 741	105 072	12 009	13 660
1988 Outstanding	185 732	151 422	13 390	20 920
1989 Outstanding	222 815	169 847	21 448	31 520
1990 Outstanding	188 774	127 437	19 252	42 085
1991 Outstanding	347 647	260 163	24 160	63 324
1992 Outstanding	551 404	451 058	25 171	75 175
1993 Outstanding	722 269	613 540	28 661	80 068
1994 Outstanding	797 758	710 155	22 534	65 069
1995 Outstanding	867 140	805 110	15 182	46 848
1996 Outstanding	996 277	936 146	26 973	33 158
1997 Outstanding	1 034 831	975 394	59 437	-
1998 Outstanding	1 043 899	969 422	74 477	-
1999 Outstanding	1 245 232	1 181 930	63 302	-
2000 Outstanding	1 480 335	1 409 036	71 299	-
2001 Outstanding	1 858 304	1 772 613	85 691	-
2002 Outstanding	2 214 536	2 124 129	90 407	-
2003 Outstanding	2 588 495	2 503 633	84 862	-
2004 Outstanding	2 852 667	2 729 233	123 434	-
2005 Outstanding	3 142 228	3 013 072	129 156	-
2006 Outstanding	3 384 723	3 239 339	145 384	-
2007 Outstanding	3 519 847	3 410 030	109 817	-
2008 Outstanding	3 736 184	3 609 731	126 453	-
2009 Outstanding	3 970 940	3 829 580	141 360	-
2010 Outstanding	4 334 298	4 187 591	146 707	-
2011 Outstanding	4 644 357	4 509 578	134 779	-
2012 Outstanding	4 934 468	4 776 340	158 128	-
2012 { Issues	641 857	641 857	-	-
2012 { Redemption	366 809	350 009	16 800	-
2012 { Outstanding	5 209 516	5 068 188	141 328	-

PRICES

This chapter is concerned with data on price indices, including wholesale price indices, consumer price indices, import price indices, and export price indices. These four kinds of indices are compiled by the Directorate-General of Budget, Accounting and Statistics(DGBAS), Executive Yuan, using the intentional sampling method and calculated by the Laspeyres weighted aggregate 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 1,142 items, 278 items for import prices, 279 items for export prices and 585 items for domestic wholesale prices. The price of domestic manufactured goods are surveyed by monthly mailing or internet reporting to designated 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 and Taipei Agricultural Products Marketing corporation. The designated companies are required to report the actual selling prices(in principal, price after adjustment for rebate, tax, and shipment, etc. around the 20th of a month) of selected commodities with the same specification. The prices of import and export goods are directly provided by the Import and Export Price Indices Survey conducted by the DGBAS.

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 17 surveyed counties and cities. In the base year of 2011, 370 items of commodities and services are selected by each surveyed group. The date of pricing is determined by the feature of the priced items.

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 mail or through Internet Reporting System. 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 2011, a total of 278 import categories items and 279 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*.

Table 155. Indices of wholesale price

2011 = 100

Item	2008	2009	2010	2011	2012	2013
General index	99.59	90.90	95.86	100.00	98.84	96.44
Domestic sales including imports	97.17	87.65	93.99	100.00	99.05	96.41
Domestic sales excluding imports	98.46	88.61	95.20	100.00	99.41	98.70
Imports	96.00	86.78	92.89	100.00	98.72	94.33
Exports	104.84	97.93	99.91	100.00	98.38	96.35
Basic group indices						
Agriculture, forestry, livestock & fishery products	90.87	84.86	89.29	100.00	100.94	95.43
Farm products	96.80	84.72	89.31	100.00	101.36	95.02
Poultry & livestock products	94.83	91.65	93.84	100.00	94.23	96.57
Forest products	97.64	87.11	99.72	100.00	93.54	101.11
Aquatic products	76.96	79.35	85.04	100.00	106.14	95.51
Quarrying and mineral products	89.94	67.11	79.42	100.00	101.03	96.92
Energy minerals	91.42	64.00	78.03	100.00	104.43	101.71
Manufacturing products	101.38	93.48	97.76	100.00	98.24	95.86
Foods	90.57	88.39	94.34	100.00	100.66	101.15
Beverages	98.90	99.91	99.68	100.00	103.10	103.96
Tobaccos	84.51	91.93	97.01	100.00	108.10	111.29
Textile products	85.00	85.77	90.73	100.00	98.01	97.31
Ready-made apparel & accessories	95.85	99.04	96.73	100.00	105.26	106.22
Leather, fur & related products	93.35	92.88	98.08	100.00	103.59	107.83
Lumber & bamboo products	94.99	92.27	99.28	100.00	100.51	105.24
Pulp, paper & allied products	96.43	88.59	100.32	100.00	95.24	93.73
Petroleum & coal products	95.27	71.36	84.32	100.00	105.24	103.62
Chemical material	90.63	74.04	89.30	100.00	93.62	92.71
Chemical products & medical goods	96.08	98.38	97.43	100.00	98.53	93.85
Rubber & plastic products	93.77	96.06	97.29	100.00	100.21	97.34
Non-metallic mineral products	108.96	108.00	102.96	100.00	97.80	89.53
Basic metal	108.38	79.13	95.62	100.00	90.24	83.81
Fabricated metal products	105.26	94.23	98.59	100.00	96.18	94.67
Electronic parts & components	114.34	113.00	107.81	100.00	99.81	98.50
Computers, electronic & optical products	115.05	114.68	106.20	100.00	100.06	96.04
Electrical equipment	96.45	92.93	97.85	100.00	98.87	96.70
Machinery & equipment	94.25	99.97	98.76	100.00	101.26	96.39
Transportation equipment & parts	94.94	99.00	98.63	100.00	101.14	100.29
Furniture & fixtures	98.83	100.79	98.98	100.00	102.13	102.27
Miscellaneous products	94.53	96.64	96.80	100.00	101.25	104.52
Water supply, electricity & gas	88.31	96.15	99.17	100.00	106.73	114.20
Water supply	100.00	100.00	98.73	100.00	100.00	100.00
Electricity	87.20	99.40	99.99	100.00	107.17	115.66
Gas	90.72	77.71	94.96	100.00	106.40	110.83

Table 156. Indices of wholesale price by industry

2011 = 100

Year	Agriculture, forestry livestock & fishery products	Minerals products	Manufacturing products	Manufacturing products		Water supply, electricity & gas
				Non-heavy chemical industrial products	Heavy chemical industrial products	
1999	67.69	20.89	83.40	81.11	83.38	70.82
2000	60.74	25.97	84.90	80.35	85.95	72.28
2001	58.05	25.86	83.84	81.09	84.02	72.38
2002	58.31	27.21	83.68	81.99	83.36	72.09
2003	62.77	31.17	85.11	82.89	85.18	72.79
2004	70.52	38.93	90.31	84.69	91.43	73.39
2005	70.94	49.74	89.39	84.14	90.34	74.22
2006	68.56	59.96	93.83	86.04	95.57	77.83
2007	74.88	67.86	99.28	89.65	101.62	81.37
2008	90.87	89.94	101.38	93.41	103.25	88.31
2009	84.86	67.11	93.48	93.27	93.37	96.15
2010	89.29	79.42	97.76	96.58	97.96	99.17
2011	100.00	100.00	100.00	100.00	100.00	100.00
2012	100.94	101.03	98.24	98.86	97.95	106.73
2013	95.43	96.92	95.86	97.56	95.28	114.20

Table 157. Indices of wholesale price by stage of processing

2011 = 100

Year	Raw materials	Intermediate materials	Finished goods	Manufacturing products			
				Capital goods	Consumer goods	Durable consumer goods	Non-durable consumer goods
1999	31.81	68.26	91.65	104.31	86.43	117.20	77.25
2000	33.62	71.64	90.37	101.30	85.79	117.75	76.43
2001	33.13	69.59	89.74	100.53	85.23	115.76	76.14
2002	34.93	69.77	89.74	98.99	85.79	112.65	77.30
2003	39.50	73.14	90.02	98.47	86.44	110.35	78.59
2004	47.97	81.53	90.63	96.72	88.10	108.19	81.12
2005	55.39	81.87	90.11	92.52	89.21	104.59	83.34
2006	63.40	88.39	90.34	91.80	89.86	103.49	84.40
2007	72.31	95.74	91.94	92.07	92.05	102.94	87.20
2008	90.96	101.12	95.48	94.09	96.32	101.59	93.71
2009	71.24	92.37	97.47	100.43	95.69	102.26	92.44
2010	84.04	97.61	98.06	99.42	97.25	100.45	95.65
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	97.62	98.48	102.33	101.02	103.12	100.72	104.30
2013	95.20	96.16	99.54	94.73	102.17	97.78	104.43

Table 158. Indices of consumer price by commodity quality

2011 = 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	
1989	66.87	70.57	70.66	85.71	58.50	65.67	131.77	61.36
1990	69.63	73.73	71.82	85.82	59.87	66.32	129.37	66.10
1991	72.15	77.54	72.61	87.48	60.67	68.70	128.96	70.76
1992	75.37	79.76	75.75	87.69	64.53	69.14	126.85	74.05
1993	77.59	82.06	76.80	87.56	66.01	69.54	127.74	77.59
1994	80.77	84.59	79.57	87.83	69.20	69.46	129.80	81.22
1995	83.73	87.45	82.39	90.26	71.83	71.24	132.78	84.32
1996	86.31	89.84	84.70	91.89	74.13	72.50	133.35	87.17
1997	87.09	91.32	84.36	92.37	73.89	73.89	131.02	89.22
1998	88.56	91.99	85.51	91.19	76.43	74.04	128.69	91.08
1999	88.71	92.48	84.33	90.08	75.50	73.58	125.87	92.61
2000	89.82	93.95	84.94	91.09	76.49	76.00	124.23	94.24
2001	89.82	94.27	83.98	90.16	75.85	75.93	121.33	95.23
2002	89.64	94.07	83.91	90.26	76.18	77.25	118.83	94.94
2003	89.39	93.76	83.93	90.12	76.70	78.11	114.94	94.41
2004	90.83	94.40	86.39	91.14	79.93	79.80	113.05	94.88
2005	92.92	94.89	89.94	91.43	85.12	81.38	110.41	95.59
2006	93.48	95.91	90.44	93.10	86.47	86.08	108.55	96.20
2007	95.16	97.25	92.93	95.51	89.54	89.84	108.08	97.11
2008	98.51	98.87	97.54	97.58	95.85	93.65	106.55	99.32
2009	97.66	97.84	95.95	95.57	94.68	92.24	101.51	99.05
2010	98.60	98.91	97.67	97.86	97.12	96.75	100.36	99.36
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	101.93	101.07	103.38	102.19	104.46	103.61	99.70	100.75
2013	102.74	101.67	104.19	102.82	106.09	105.86	97.87	101.49

Table 159. Indices of consumer price

2011 = 100

Item	2008	2009	2010	2011	2012	2013
General index	98.51	97.66	98.60	100.00	101.93	102.74
Food	97.62	97.19	97.79	100.00	104.16	105.48
Cereals & cereal products	94.77	96.44	95.86	100.00	102.20	103.71
Rice & rice products	94.52	98.85	97.48	100.00	103.36	107.74
Meat	94.80	94.43	96.27	100.00	97.72	101.92
Meat products	95.92	100.96	99.01	100.00	103.22	104.42
Eggs	101.45	101.97	90.78	100.00	107.13	102.84
Fish & shellfish	84.28	87.95	93.88	100.00	103.80	106.38
Processed fishes	89.73	95.17	96.46	100.00	101.62	102.76
Vegetables	114.77	102.33	103.51	100.00	122.18	125.17
Processed vegetables	90.28	93.13	96.09	100.00	102.87	106.27
Fruits	104.21	98.22	96.54	100.00	107.74	104.96
Processed fruits	93.42	96.85	97.78	100.00	100.17	102.07
Dairy products	91.09	93.18	97.21	100.00	104.51	105.20
Edible oil	97.90	95.35	95.69	100.00	101.22	100.33
Condiments	92.07	95.22	97.26	100.00	100.45	100.42
Alcoholic	105.41	104.05	100.64	100.00	100.09	100.01
Nonalcoholic beverages	100.40	100.61	99.96	100.00	101.74	101.47
Cooked food	94.58	98.81	97.83	100.00	102.85	104.53
Food away from home	97.87	98.55	98.58	100.00	102.32	103.90
Other food	93.82	97.45	97.75	100.00	103.32	103.96
Clothing	96.29	95.58	97.20	100.00	102.52	102.33
Garments	95.50	94.69	96.76	100.00	102.86	102.89
Footwear	99.30	99.06	98.60	100.00	101.83	101.28
Apparel services & accessories	97.55	96.92	98.66	100.00	100.37	99.76
Housing	99.04	98.70	99.15	100.00	101.13	102.05
Residential rent	99.84	99.60	99.64	100.00	100.62	101.30
Maintenance & repairs	99.26	96.96	97.65	100.00	101.07	102.32
Household appliances	97.87	98.37	97.68	100.00	101.29	101.91
Household keeping services	99.89	99.33	99.26	100.00	99.27	98.62
Water, electricity & gas supply	95.97	95.37	98.58	100.00	103.76	106.43
Transportation & communication	99.94	95.94	98.61	100.00	100.44	100.90
Transportation equipment	100.93	96.35	99.63	100.00	100.39	99.64
Oils	94.19	84.39	93.19	100.00	105.78	108.64
Communication services	102.43	101.46	100.93	100.00	97.85	97.58
Medicines & medical care	96.99	97.57	98.21	100.00	100.86	102.05
Medical care services	98.08	99.14	99.66	100.00	100.81	101.81
Medicines & health food	93.22	93.08	94.44	100.00	101.11	103.33
Medical supplies & appliance	101.28	100.28	99.34	100.00	100.42	99.63
Education & entertainment	101.33	99.53	99.48	100.00	100.68	101.01
Educational expenses	102.47	101.33	100.13	100.00	99.78	99.75
Entertainment expenses	99.72	96.97	98.55	100.00	101.96	102.76
Miscellaneous	93.25	95.80	98.62	100.00	102.30	102.69
Tobacco & betelnut	79.48	87.80	97.09	100.00	104.28	107.97
Cosmetic items	99.69	100.68	100.36	100.00	101.18	100.99
Personal care services	100.86	100.39	99.85	100.00	101.26	101.61
Others	98.73	98.60	98.98	100.00	102.47	103.36

Table 160. Import price indices by basic group

2011 = 100

Item	2008	2009	2010	2011	2012	2013
General index	96.00	86.78	92.89	100.00	98.72	94.33
Animal products	82.31	75.93	87.61	100.00	97.49	105.60
Vegetable products	100.63	80.49	86.32	100.00	101.04	97.75
Prepared foodstuffs, beverages, spirits & tobacco	83.16	88.61	96.54	100.00	103.48	104.34
Mineral products	89.19	66.18	78.95	100.00	101.29	96.64
Products of the chemical or allied industries	94.52	84.77	91.95	100.00	96.92	94.14
Plastics, rubber & articles thereof	87.51	87.97	96.27	100.00	94.50	87.58
Leather & articles thereof	86.33	88.69	100.08	100.00	101.70	107.49
Wood & articles of wood	96.38	90.54	99.82	100.00	99.45	105.14
Wood pulp, paper & articles thereof	97.85	88.58	102.20	100.00	91.57	90.03
Textiles & textile articles	71.83	73.62	82.17	100.00	88.71	84.80
Stone materials, glass & glassware	96.56	104.55	105.64	100.00	91.57	73.61
Base metals & articles of base metal	106.60	78.49	95.91	100.00	90.21	83.60
Machinery, electrical equipment, TV image & sound recorders, etc	102.00	107.89	103.04	100.00	101.23	96.78
Transportation equipment	85.91	95.22	97.14	100.00	101.17	99.29
Optical, measuring, medical instruments, musical instruments & parts thereof	100.08	104.56	102.74	100.00	100.68	98.21
Miscellaneous manufactured articles	95.94	103.19	101.12	100.00	101.67	97.38

Table 161. Export price indices by basic group

2011 = 100

Item	2008	2009	2010	2011	2012	2013
General index	104.84	97.93	99.91	100.00	98.38	96.35
Animal products	75.51	72.45	80.77	100.00	107.31	87.18
Prepared foodstuffs, beverages, spirits & tobacco	91.34	104.94	102.43	100.00	105.37	108.66
Mineral products	100.48	66.73	79.42	100.00	103.91	99.99
Products of the chemical or allied industries	90.07	79.27	92.45	100.00	92.09	92.47
Plastics, rubber & articles thereof	94.53	84.83	93.78	100.00	96.74	94.84
Wood pulp, paper & articles thereof	95.92	87.05	102.50	100.00	94.83	93.56
Textiles & textile articles	84.83	87.72	93.36	100.00	96.82	95.37
Stone materials, glass & glassware	94.63	89.82	101.72	100.00	93.63	83.76
Base metals & articles of base metal	107.24	89.03	99.10	100.00	92.24	88.76
Machinery, electrical equipment, TV image & sound recorders, etc	113.69	113.10	107.39	100.00	99.91	98.49
Transportation equipment	96.25	101.46	98.92	100.00	101.29	101.03
Optical, measuring, medical instruments, musical instruments & parts thereof	115.98	110.16	107.07	100.00	99.58	98.44
Miscellaneous manufactured articles	101.06	105.11	100.83	100.00	102.55	102.73

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 *Statistical Yearbook of Civil Service*. Data on public office elections are compiled by the Central Election Commission and incorporated in the *Statistical Yearbook of Interior* published by the Ministry of the Interior. As for data on aids extended for foreign countries are from 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 term 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 have been conducted. When the Mobilization Period ended in 1991, the second term of national assemblymen was elected in accordance with the provisions of the Constitution as amended. The election for the second term of legislators was elected for late December 1992.

Local Public Office Elections -- Local elected public offices include Taiwan provincial governor, Taiwan provincial assemblymen, mayors 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 162. Civil service personnel

Year	Total	Administrative agencies		
		Sub-total	Central government	Local governments
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	442 972	244 463	94 429	150 034
1997	441 716	245 246	95 238	150 008
1998	417 381	245 282	93 948	151 334
1999	409 995	242 847	116 769	126 078
2000	408 515	240 780	113 934	126 846
2001	395 523	217 211	91 806	125 405
2002	389 957	218 958	90 491	128 467
2003	376 128	218 775	89 348	129 427
2004	368 899	217 418	88 420	128 998
2005	337 261	215 783	87 376	128 407
2006	335 274	216 422	87 018	129 404
2007	336 842	218 793	88 647	130 146
2008	338 305	219 615	89 052	130 563
2009	339 875	222 336	90 541	131 795
2010	340 106	225 351	93 060	132 291
2011	343 323	227 071	92 518	134 553
2012	343 861	228 913	92 821	136 092
2013	346 059	231 317	93 013	138 304

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

by organizations

Persons

Public enterprise organizations and Hygiene & Medical service organizations			Public schools(staff)		
Sub-total	Central government	Local governments	Sub-total	Central government	Local governments
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	28 843	...	...
167 136	88 166	78 970	29 334	...	...
142 410	97 629	44 781	29 689	...	...
136 356	133 999	2 357	30 792	...	...
136 472	134 099	2 373	31 263	...	...
152 375	144 027	8 348	25 937	10 756	15 181
144 022	135 824	8 198	26 977	11 450	15 527
130 391	122 747	7 644	26 962	11 349	15 613
125 549	118 349	7 200	25 932	10 735	15 197
97 769	91 352	6 417	23 709	9 442	14 267
94 883	88 797	6 086	23 969	9 471	14 498
93 720	87 801	5 919	24 329	9 512	14 817
93 988	88 133	5 855	24 702	9 635	15 067
92 460	86 703	5 757	25 079	9 630	15 449
89 400	83 719	5 681	25 355	9 602	15 753
90 758	85 058	5 700	25 494	9 538	15 956
88 813	85 162	3 651	26 135	9 687	16 448
88 038	84 560	3 478	26 704	9 433	17 271

Table 163. Civil service

Year	Total	18-24	25-29	30-34	35-39
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	442 972	20 843	57 293	74 828	79 804
1997	441 716	16 875	55 581	72 714	79 911
1998	417 381	11 451	49 205	67 022	76 300
1999	409 995	7 387	44 215	66 123	74 318
2000	408 515	5 345	38 973	66 151	72 829
2001	395 523	4 200	34 461	63 341	69 026
2002	389 957	3 244	29 152	61 876	67 506
2003	376 128	3 734	24 599	58 395	66 116
2004	368 899	3 563	20 676	53 337	67 318
2005	337 261	3 518	17 212	46 518	65 167
2006	335 274	4 454	16 010	42 356	64 009
2007	336 842	4 883	18 269	38 037	62 979
2008	338 305	5 892	20 818	35 084	59 655
2009	339 875	5 718	22 202	33 750	55 813
2010	340 106	5 121	24 982	34 209	51 521
2011	343 323	5 291	25 978	36 391	48 805
2012	343 861	6 074	26 166	40 488	45 551
2013	346 059	6 609	26 550	43 493	43 605

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

personnel by ages

Persons

40-44	45-49	50-54	55-59	60-64	65+	Average age (Years)
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
77 539	58 963	31 591	25 354	14 814	1 943	40.0
78 179	63 451	33 599	25 623	14 032	1 751	40.3
75 913	64 329	34 649	23 957	13 369	1 186	40.8
75 588	66 276	37 823	23 466	13 653	1 146	41.3
74 653	69 965	42 542	22 969	13 895	1 193	41.8
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
64 077	62 346	46 285	25 203	9 124	1 410	42.9
63 383	63 413	47 551	27 220	9 711	1 396	43.1
63 877	64 098	48 915	28 345	10 834	787	43.2
65 753	64 184	49 871	29 338	12 525	721	43.4
66 415	63 946	49 545	30 369	13 472	526	43.4
65 672	64 117	49 636	30 728	15 875	830	43.5
65 143	63 894	48 928	30 449	16 282	886	43.4
62 607	64 624	48 931	31 676	16 964	1 000	43.4

Table 164. Central

Year and kind of election	Population	Eligible voters	Date of balloting			Number of candidates		
			Year	Month	Day	Sub-total	Male	Female
1983 Legislators	18 647 856	10 908 171	1983	12	3	171 (270)	149 (...)	22 (...)
1986 National assemblymen	19 405 473	11 790 344	1986	12	6	169	144	25
Legislators	19 405 473	11 814 315	1986	12	6	137 (...)	125 (...)	12 (...)
1987 Members of Control Yuan	...	169	1987	1	10	58	...	...
1989 Legislators	20 040 882	12 600 901	1989	12	2	302 (...)	276 (...)	26 (...)
1991 2nd term National assemblymen	20 491 467	13 083 119	1991	12	21	627 (160)	551 (145)	76 (15)
1992 2nd term legislators	20 685 341	13 421 170	1992	12	19	348 (55)	312 (45)	36 (10)
1995 3rd term legislators	21 263 225	14 153 420	1995	12	2	332 (65)	292 (55)	40 (10)
1996 The 9th President	21 311 885	14 313 288	1996	3	23	4	4	0
3rd term National assemblymen	21 222 112	14 130 084	1996	3	23	432 (159)	353 (135)	79 (24)
1998 4th term legislators	21 833 772	14 961 930	1998	12	5	397 (101)	333 (79)	64 (22)
2000 The 10th President	22 134 777	15 462 625	2000	3	18	5	5	-
2001 5th term legislators	22 350 363	15 822 583	2001	12	1	455 (129)	372 (102)	83 (27)
2004 The 11th President	22 573 965	16 507 179	2004	3	20	2	2	-
6th term legislators	22 640 250	16 559 254	2004	12	11	386 (106)	321 (75)	65 (31)
2008 The 12th President	22 925 311	17 321 622	2008	3	22	2	2	-
7th term legislators	22 925 311	17 179 656	2008	1	12	295 (128)	235 (67)	60 (61)
2012 The 13th President	23 224 912	18 086 455	2012	1	14	3	2	1
8th term legislators	23 224 912	17 980 578	2012	1	14	283 (127)	215 (64)	68 (63)

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				
71 (27)	63 (27)	8 (-)	6 891 160	58.50	63.17	41.52
84 73 (27)	68 66 (26)	16 7 (1)	7 714 392 7 723 637	60.76 60.88	65.43 65.38	49.70 53.28
32	...	...	...	...	91.72	...
101 (29)	88 (28)	13 (1)	9 470 526	62.88	75.16	33.44
325 (100)	194 (89)	31 (11)	8 938 622	63.85	68.32	51.83
125 (36)	113 (32)	12 (4)	9 666 020	64.88	72.02	35.92
128 (36)	109 (32)	19 (4)	9 574 388	66.56	67.65	38.55
1 234 (100)	1 191 (82)	- 43 (18)	10 883 279 10 769 224	67.16 66.58	76.04 76.21	25.00 54.17
176 (49)	141 (41)	35 (8)	10 188 302	68.53	68.09	44.33
1	1	-	12 786 671	69.86	82.69	20.00
176 (49)	137 (38)	39 (11)	10 469 005	70.79	66.16	38.68
1 176 (49)	1 144 (34)	- 32 (15)	13 251 719 9 796 299	73.12 73.14	80.28 59.16	50.00 45.60
1 79 (34)	1 62 (17)	- 17 (17)	13 221 609 10 050 619	75.56 74.94	76.33 58.50	50.00 26.78
1 79 (34)	1 59 (16)	- 20 (18)	13 452 016 13 390 326	77.88 77.42	74.38 74.47	33.33 27.92

Table 165. Local

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

public office elections

Persons, %

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

Table 166. Technical missions sent out

Country	1994	1995	1996	1997	1998	1999	2000	2001	2002
Total	305	337	326	290	273	305	304	277	247
Africa	104	110	105	91	98	100	109	100	89
Liberia	-	-	-	-	11	11	10	7	7
Malawi	29	15	15	11	10	10	21	20	11
Swaziland	28	24	20	20	20	19	15	17	14
Guinea-Bissau	12	12	12	9	-	-	-	-	-
Central African Rep.	15	15	15	13	-	-	-	-	-
Burkina Faso	5	15	15	12	10	16	17	15	17
Niger	4	4	4	-	-	-	-	-	-
Gambia	10	10	10	11	10	10	10	9	10
Senegal	-	14	14	15	15	14	17	14	13
Chad	-	-	-	-	14	13	12	12	11
Sao Tome	-	-	-	-	8	7	7	6	6
Others	1	1	-	-	-	-	-	-	-
Middle East	10	9	8	8	4	27	24	23	10
Saudi Arabia	-	-	-	-	-	24	20	20	6
Bahrain	10	9	8	8	4	3	4	3	4
Southeast Asia	61	62	58	52	44	41	36	33	31
Thailand	-	4	4	4	2	2	2	2	2
Indonesia	21	20	17	21	10	10	11	8	8
Fiji	7	6	6	3	5	5	5	5	5
Tonga	-	-	-	-	-	-	-	-	-
Marshall Islands	-	-	-	-	4	4	4	4	4
Solomon Islands	11	11	9	10	8	8	2	4	4
Palau	6	6	6	5	4	3	3	3	3
Papua New Guinea	13	12	13	7	8	7	7	5	5
Nauru	3	3	3	2	3	2	2	2	-
Others	-	-	-	-	-	-	-	-	-
Latin America	160	156	155	139	127	131	129	121	117
Dominican Rep.	11	11	11	13	10	10	11	12	13
Panama	9	9	9	11	10	12	11	9	8
Ecuador	9	9	6	6	2	3	3	3	3
Honduras	11	11	12	15	13	14	13	12	12
Paraguay	22	22	20	-	11	12	11	9	8
Nicaragua	12	13	13	13	11	11	11	10	10
El Salvador	10	10	10	10	9	9	9	9	9
Costa Rica	10	10	8	18	9	9	9	8	8
Haiti	1	-	6	10	12	11	10	10	10
Guatemala	14	14	14	13	10	9	9	12	10
St. Vincent	8	8	8	8	6	6	7	6	6
St. Lucia	6	6	6	-	-	-	-	-	-
St. Christopher & Nevis	4	3	3	3	4	4	4	3	4
The Commonwealth of Dominica	9	9	8	4	6	6	5	5	4
Bahamas	7	6	6	-	-	-	-	-	-
Belize	9	7	7	7	6	6	6	6	6
Grenada	8	8	8	8	8	9	10	7	6
Others	-	-	-	-	-	-	-	-	-
Europe	-	-	-	-	-	6	6	-	-
Macedonia	-	-	-	-	-	6	6	-	-

Table 167. 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.
1984	222	51	22	-	67	6	19	34	23
1985	152	52	26	5	40	3	2	10	14
1986	272	71	31	15	91	4	1	33	26
1987	186	43	29	5	51	12	5	14	27
1988	304	62	23	5	100	42	12	25	35
1989	241	49	28	12	56	35	29	14	18
1990	192	39	32	-	51	36	7	13	14
1991	202	29	29	-	47	31	8	8	50
1992	241	28	42	7	61	27	2	16	58
1993	226	17	42	10	58	21	21	18	39
1994	193	21	39	10	31	20	-	21	51
1995	201	7	45	5	26	24	18	28	48
1996	260	33	52	5	38	27	31	19	55
1997	162	9	30	5	46	20	20	8	24
1998	156	10	28	13	34	9	18	14	30
1999	80	-	10	8	14	4	16	17	11
2000	145	22	28	27	31	9	11	4	13
2001	78	6	8	23	20	-	14	3	4
2002	84	3	7	21	26	4	-	12	11
2003	69	3	11	14	12	4	3	11	11
2004	73	4	7	6	11	4	11	17	13
2005	66	4	8	14	8	-	9	15	8
2006	56	3	20	7	4	-	8	11	3
2007	53	2	10	6	6	-	6	15	8
2008	48	3	3	3	4	-	3	22	10
2009	51	3	4	3	2	4	4	24	7
2010	40	4	8	4	4	-	-	2	18
2011	30	3	-	3	3	-	6	-	15
2012	17	-	-	2	-	3	3	-	9
2013	17	3	-	-	-	-	2	-	12