

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

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# **2014**

DIRECTORATE-GENERAL OF BUDGET, ACCOUNTING AND STATISTICS

EXECUTIVE YUAN, REPUBLIC OF CHINA

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**STATISTICAL YEARBOOK OF THE REPUBLIC OF CHINA  
2014**

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## INTRODUCTION

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

1. To facilitate international comparison, a cross-reference table of the correspondent statistical table numbers between the 57th issue of the United Nations' *Statistical Yearbook* and the R.O.C. 2014 *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 is divided into 18 sections and 167 tables. The table numbers contained in each section are arranged as follows :

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

**Corresponding Table Numbers between the 57th issue of the United Nations' Statistical Yearbook and the 2014 Statistical Yearbook of the Republic of China**

Table Number UN	Table Number R.O.C.	Table Number UN	Table Number R.O.C.
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3	110	35	111
4	not applicable	36	not applicable
5	121	37	not applicable
6	147	38	120
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9	164	41	not applicable
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29	not applicable	61	not applicable
30	111	62	not applicable
31	not applicable		
32	111, 112		

### 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 Department of Land Administration, 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 about 400 kilometers from north to south and around 145 kilometers from east to west at its widest, it constitutes about 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**km<sup>2</sup>

Year	Area			Cultivated <sup>1,2</sup> land area	Forest land area <sup>1</sup>
	Total	Land area	Reclamation		
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	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
2014	36 192.82	36 152.62	40.20	7 996.11	21 017.19

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

<sup>2</sup> Cultivated land refers to land under temporary and permanent crops, and can be classified into paddy field, and upland field of registered land, 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
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	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
2014	22.8	22.8	23.5	23.1	22.6	23.8	23.5	19.4	11.5	25.6	25.6

Table 3. Average relative humidity

%

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2014	76	77	72	75	80	72	77	82	84	74	73

**Table 4. Precipitation at station**

mm

Year	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2014	2 574	1 893	2 147	1 150	2 095	1 466	1 227	2 191	3 172	1 942	1 489

Table 5. Number of days with precipitation

Year	Days										
	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2014	181	126	140	121	167	113	137	143	175	88	91



**Table 6. Duration of sunshine**

Year	Hours										
	Keelung	Danshuei	Taipei	Hsinchu	Yilan	Taichung	Hualien	Sun Moon Lake	Alishan	Kao-hsiung	Heng-chun
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
2014	1 454	1 742	1 332	1 968	1 476	1 963	1 680	1 543	1 466	2 494	2 328

Table 7. Number of occurrence of perceptible earthquake

Year	Total	Numbers							
		Taipei Area	Yilan Area	Taichung Area	Hualien Area	Chianan Area	Taitung Area	Kaoping Area	Other Areas
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
2014	975	13	31	145	395	114	169	106	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*, *Monthly Bulletin of Interior Statistics*, and *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, which is 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 Method 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 <sup>2</sup> )	Natural increase rate (‰)
	Both sexes	Male	Female					
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
2014	23 433 753	11 697 971	11 735 782	0.26	99.7	2.80	647.5	1.98

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.)
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
2014	210 383	8.99	163 929	7.00	149 287	6.38	53 190	2.27

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 <sup>1</sup> (Year)
	0-14	15-64	65+			
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
2014	14.0	74.0	12.0	35	85.7	39.3

**Notes :** <sup>1</sup> Data were computed by estimated midyear population.  
All figures are based on the household registration data at the end of year.

Table 11. Population

End of Year										
	All ages	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
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
2014	23 433 753	1 005 126	1 016 812	1 255 362	1 517 801	1 613 883	1 593 237	1 965 492	1 984 227	1 794 658

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+
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
1 845 104	1 872 152	1 713 835	1 447 374	865 881	698 691	540 390	382 442	224 961	77 567	15 763	2 995

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
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
2014	11 697 971	520 880	530 701	656 183	789 321	839 945	816 522	979 985	982 359	886 945

## 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+
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
917 741	927 927	840 614	701 675	413 584	324 075	239 096	176 602	110 329	35 264	6 771	1 452

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
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
2014	11 735 782	484 246	486 111	599 179	728 480	773 938	776 715	985 507	1 001 868	907 713

## 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+
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
927 363	944 225	873 221	745 699	452 297	374 616	301 294	205 840	114 632	42 303	8 992	1 543

Table 12. Population of age 15 years

End of Year	Male								
	Total	Unmarried		Currently married		Widowed		Divorced	
		Numbers	%	Numbers	%	Numbers	%	Numbers	%
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
2014	9 990 207	3 798 084	38.0	5 194 860	52.0	241 088	2.4	756 175	7.6

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

**and over by sex and marital status**

Female								
Total	Unmarried		Currently married		Widowed		Divorced	
	Numbers	%	Numbers	%	Numbers	%	Numbers	%
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
10 166 246	3 189 507	31.4	5 109 373	50.3	1 035 627	10.2	831 739	8.2

**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	%
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
2014	23 433 753	17 790 526	75.9	4 630 459	19.8

**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		
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
2014	34	1 165	4	22	67	90	43	7	0	0.5621	0.5553

**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	Standardized death rate											
	All ages	0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
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
2014	4.44	6.98	4.01	0.22	0.15	0.14	0.33	0.44	0.54	0.86	1.44	2.16

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+
4.35	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
3.29	4.58	6.21	8.91	13.64	22.29	37.61	65.37	134.79

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
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
2014	8.42	4.57	0.23	0.15	0.16	0.45	0.61	0.72	1.21	2.13	3.22

## 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+
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
4.89	6.57	8.68	12.33	18.32	29.16	47.60	78.71	145.39

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
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
2014	5.54	3.42	0.21	0.15	0.12	0.21	0.24	0.35	0.51	0.76	1.13

## 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+
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
1.71	2.62	3.82	5.69	9.36	16.37	29.64	53.52	125.01

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	76.43	66.90	57.10	47.48	38.23	29.64	21.55	14.29	8.66
2013 r	76.91	67.34	57.54	47.89	38.58	29.92	21.87	14.60	8.89

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.



## by age and sex

Years

Female								
0	10	20	30	40	50	60	70	80
75.53	66.40	56.62	46.98	37.43	28.24	19.67	12.29	6.86
75.81	66.65	56.88	47.23	37.69	28.46	19.88	12.40	6.84
75.88	66.66	56.90	47.25	37.70	28.46	19.82	12.36	6.88
76.31	67.00	57.24	47.59	38.04	28.77	20.09	12.54	6.93
76.21	66.93	57.19	47.54	37.97	28.69	20.06	12.52	6.81
76.47	67.21	57.48	47.85	38.31	29.05	20.34	12.76	7.11
76.75	67.45	57.70	48.06	38.52	29.23	20.51	12.88	7.19
77.14	67.81	58.05	48.39	38.82	29.53	20.79	13.10	7.29
77.19	67.84	58.07	48.39	38.81	29.52	20.74	13.01	7.18
77.52	68.16	58.40	48.74	39.16	29.88	21.13	13.37	7.44
77.76	68.36	58.60	48.94	39.35	30.04	21.29	13.44	7.43
77.74	68.45	58.69	49.02	39.44	30.13	21.35	13.57	7.57
78.05	68.82	59.05	49.36	39.77	30.46	21.71	13.93	7.91
78.61	69.35	59.58	49.86	40.27	30.93	22.11	14.29	8.19
78.93	69.66	59.87	50.14	40.55	31.19	22.37	14.59	8.40
78.98	69.72	59.95	50.24	40.65	31.31	22.50	14.67	8.45
79.56	70.25	60.44	50.71	41.09	31.74	22.89	14.95	8.65
79.92	70.56	60.74	50.99	41.36	31.99	23.15	15.21	8.84
80.24	70.87	61.03	51.28	41.63	32.24	23.33	15.35	8.95
80.33	70.93	61.09	51.33	41.69	32.29	23.38	15.40	8.98
80.75	71.35	61.51	51.75	42.11	32.74	23.78	15.74	9.19
80.80	71.37	61.54	51.81	42.18	32.78	23.84	15.73	9.17
81.41	71.95	62.09	52.35	42.71	33.31	24.38	16.28	9.73
81.72	72.24	62.36	52.60	42.94	33.53	24.53	16.37	9.70
81.94	72.47	62.59	52.82	43.17	33.76	24.70	16.47	9.72
82.34	72.83	62.95	53.19	43.51	34.10	25.05	16.78	9.99
82.55	73.00	63.12	53.32	43.64	34.22	25.17	16.81	9.95
82.63	73.12	63.24	53.44	43.76	34.31	25.25	16.86	9.97
82.82	73.25	63.37	53.59	43.92	34.49	25.40	17.03	10.12
83.36	73.78	63.90	54.08	44.38	34.93	25.86	17.45	10.46

Table 17. Live births by age of mother

Year	By age of Mother					
	Total	under 15	15-19	20-24	25-29	30-34
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
2014	210 383	34	2 983	16 783	53 067	89 315

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
6 475	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
42 006	5 943	233	19	96.27	3.73	0.00

Table 18. Household appliances

End of Year	Color T. V. set	DVD player <sup>1</sup>	Air conditioner	Washing machine	Cable T.V. <sup>2</sup>
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
2014	99.21	27.65	91.74	98.46	84.78

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

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

**saturation**

%

Geyser	Movies Camera	Telephone	Automobile	Motorcycle	Personal computer
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
98.93	5.78	94.01	58.69	82.86	70.68

**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, which are incorporated in the *Yearbook of Manpower Survey Statistics*, *Monthly Bulletin of Manpower Statistics*, and *Yearbook of Earnings and Productivity Statistics* conducted by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan. Data on occupational injuries, labor disputes and labor unions come from the official statistics Yearly Bulletin compiled 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 stratified two-stage random 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 Hodges-Dalenius approximate optimum method for stratum division and the Neyman 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, and the working hours of an employee, which are 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 federations of labor unions, corporate unions, industrial unions, professional unions. The corporate union refers to a labor union organized by employees (more than 30 persons) of the same factory or workplace, of the same business entity, of enterprises with controlling and subordinate relationship between each other in accordance with the Company Act, or of a financial holding company and its subsidiaries in accordance with the Financial Holding Company Act. The industrial union refers to a labor union organized by workers (more than 30 persons) in the industry. The professional union refers to a labor union organized by workers (more than 30 persons) with the same professional skills, and it shall be limited in the municipal city or county (city) where it locates.



**Table 20. Important labor force status**

Thousands

Year	Total population	Persons aged 15 years and over		Labor force						Not in labor force	
		Both sexes	Female	Total		Employed		Unemployed		Both sexes	Female
				Both sexes	Female	Both sexes	Female	Both sexes	Female		
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
Ave. 2014	23 262	19 705	10 060	11 535	5 094	11 079	4 913	457	182	8 170	4 966

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. 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
Ave. 2014	49.59	58.54	66.78	50.64	8.68	47.63	56.22	96.04	3.96

**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. 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
Ave. 2014	8 170	144	2 089	2 490	2 434	1 013

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. 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
Ave. 2014	11 535	122	764	1 422	1 713	1 604	1 503	1 466	1 289	916	499	238

**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	8.28	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
100.00	1.06	6.62	12.33	14.85	13.91	13.03	12.71	11.17	7.94	4.33	2.06

Table 24. Employed

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water
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
Ave. 2014	11 079	548	4	3 007	29	82	881	1 825	433

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
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
792	241	416	98	354	273	378	645	432	95	543

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. 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
Ave. 2014	11 079	394	1 333	1 990	1 244	2 166	492	3 459

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	4.84	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
100.00	3.56	12.03	17.96	11.23	19.55	4.45	31.22

Table 26. Employed

Year	Number (Thousand persons)						
	Total	Employers	Own-account workers	Unpaid family workers	Paid employees		
					Sub-total	Private	Government
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
Ave. 2014	11 079	458	1 310	573	8 737	7 714	1 023

## persons by class of workers

Structure (%)							
Total	Employers	Own-account workers	Unpaid family workers	Paid employees			
				Sub-total	Private	Government	
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	
100.00	4.14	11.83	5.17	78.86	69.63	9.23	

**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. 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
Ave. 2014	11 079	787	1 337	928	2 747	1 805	2 679	796

**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. 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
Ave. 2014	457	16	54	37	110	58	158	24

**by educational attainment**

Structure (%)							
Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
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
100.00	7.10	12.07	8.37	24.80	16.30	24.18	7.18

**by educational attainment**

Unemployment rate (%)							
Total	Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
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
3.96	2.04	3.87	3.79	3.85	3.09	5.58	2.97

**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. 2000	43 067	38 914	91 805	44 341	38 897	39 541	45 949	26 060
Ave. 2001	44 069	38 412	97 399	46 002	37 746	39 775	48 017	25 973
Ave. 2002	44 804	38 435	93 466	43 917	36 844	39 152	46 509	25 687
Ave. 2003	47 720	39 549	95 191	43 954	37 214	39 610	45 934	24 951
Ave. 2004	46 307	40 657	94 525	42 880	37 916	39 819	46 882	24 813
Ave. 2005	47 671	41 858	91 184	47 647	38 450	39 545	48 513	25 121
Ave. 2006	53 344	42 393	97 230	47 251	39 168	39 380	48 338	24 960
Ave. 2007	50 949	43 178	98 519	44 399	40 310	39 463	49 080	25 476
Ave. 2008	51 333	43 121	89 432	44 521	40 754	39 956	49 540	26 699
Ave. 2009	49 448	39 125	96 285	44 042	40 870	40 081	47 835	27 106
Ave. 2010	52 551	42 300	96 523	45 106	41 598	41 766	48 902	27 788
Ave. 2011	53 978	43 316	95 382	45 828	42 716	42 562	50 186	29 715
Ave. 2012	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
Ave. 2014	54 579	45 207	94 022	44 814	43 251	44 422	50 028	31 747

**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. 2000	185.4	198.7	182.3	188.0	187.5	182.9	189.6	188.2
Ave. 2001	184.4	184.4	173.0	183.5	180.8	178.2	181.6	175.6
Ave. 2002	188.3	187.5	172.4	182.3	176.2	177.4	180.9	175.7
Ave. 2003	185.5	188.2	171.4	181.7	175.6	176.0	179.2	177.0
Ave. 2004	184.3	190.6	172.2	182.9	177.3	180.1	182.5	169.2
Ave. 2005	181.0	188.8	171.1	184.5	177.7	177.6	180.8	174.0
Ave. 2006	182.7	187.3	171.6	183.9	178.1	175.3	179.9	173.6
Ave. 2007	184.0	187.4	171.3	185.2	176.9	174.8	179.4	172.5
Ave. 2008	184.2	184.7	172.7	186.5	176.4	175.9	179.1	172.3
Ave. 2009	182.1	179.1	172.4	182.9	174.9	175.9	180.4	169.6
Ave. 2010	185.0	189.0	173.3	182.5	177.1	176.2	181.7	171.6
Ave. 2011	181.5	185.1	170.6	178.8	178.2	174.0	179.4	169.0
Ave. 2012	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
Ave. 2014	180.9	184.8	175.9	179.3	176.0	172.9	179.5	169.2

**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
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
66 316	83 092	42 914	57 414	34 909	24 224	61 300	35 829	35 086

## 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
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
166.1	165.6	179.9	173.8	189.1	134.4	172.6	178.7	193.1

**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. 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	59.53	80.64	76.71	115.20	107.06	88.22	92.22	90.04
Ave. 2008	55.75	81.24	74.45	109.14	97.43	90.44	93.19	87.40
Ave. 2009	60.28	83.78	92.55	107.88	94.83	90.54	92.36	86.13
Ave. 2010	97.43	94.54	95.77	102.82	103.02	95.50	97.75	89.72
Ave. 2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2012	96.55	103.60	99.35	102.12	97.34	100.11	101.03	98.23
Ave. 2013	96.17	104.74	104.63	101.49	99.66	101.56	107.51	100.47
Ave. 2014	93.40	110.10	104.46	102.98	98.51	102.96	107.99	101.00

Year	Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Human health services	Art, entertainment & recreational	Other services
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	84.97	105.11	119.44	99.85	98.50	102.57	73.85	88.07
Ave. 2008	89.79	99.30	106.72	93.77	97.95	102.38	80.16	90.23
Ave. 2009	91.98	91.54	112.85	97.40	96.30	105.45	87.08	94.43
Ave. 2010	99.53	94.40	115.08	99.82	99.62	100.50	90.55	97.73
Ave. 2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Ave. 2012	98.08	100.53	98.39	100.91	99.42	97.37	99.51	100.71
Ave. 2013	100.14	107.16	107.58	103.08	104.92	94.81	102.94	102.94
Ave. 2014	98.30	115.63	99.39	100.65	103.39	95.70	104.26	108.84



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

End of Year	Labor unions (Establishments)	Institutional members (Establishments)	Personal members (Persons)
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	5 342	5 172	3 310 265
2014	5 382	5 213	3 349 521
Ministry of Labor	160	1 081	172 442
Federations of corporate and industrial labor unions	28	199	-
Federations of profession labor unions	105	570	-
Federations of other labor unions	18	312	-
Corporate unions	7	-	146 556
Professional unions	2	-	25 886
New Taipei municipality	406	238	449 322
Federations of corporate and industrial labor unions	-	-	-
Federations of profession labor unions	-	-	-
Federations of other labor unions	5	238	-
Corporate unions	66	-	32 857
Industrial unions	21	-	22 527
Professional unions	314	-	393 938
Taipei municipality	542	262	552 204
Federations of corporate and industrial labor unions	4	1	-
Federations of profession labor unions	-	-	-
Federations of other labor unions	16	261	-
Corporate unions	145	-	102 516
Industrial unions	42	-	466
Professional unions	335	-	449 222
Taichung municipality	429	435	273 980
Federations of corporate and industrial labor unions	-	-	-
Federations of profession labor unions	-	-	-
Federations of other labor unions	5	435	-
Corporate unions	47	-	19 950
Industrial unions	5	-	4 128
Professional unions	372	-	249 902
Tainan municipality	405	374	224 471
Federations of corporate and industrial labor unions	-	-	-
Federations of profession labor unions	-	-	-
Federations of other labor unions	5	374	-
Corporate unions	52	-	21 462
Industrial unions	10	-	9 991
Professional unions	338	-	193 018
Kaohsiung municipality	861	702	470 700
Federations of corporate and industrial labor unions	6	57	-
Federations of profession labor unions	2	67	-
Federations of other labor unions	8	578	-
Corporate unions	174	-	62 862
Industrial unions	30	-	16 153
Professional unions	641	-	391 685
County/City	2 539	2 080	1 167 146
Federations of corporate and industrial labor unions	2	4	-
Federations of profession labor unions	1	16	-
Federations of other labor unions	41	2 060	-
Corporate unions	375	-	125 908
Industrial unions	34	-	19 516
Professional unions	2 086	-	1 021 722
Export processing zones	39	41	37 963
Federations of corporate and industrial labor unions	1	41	-
Corporate labor unions	38	-	37 963
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 <sup>1</sup> disability
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
2014	16 760	3 375 920	858 257 245	7 019 168 883	11 561	1.65

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

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

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 <sup>2</sup> disability
Total	Deaths (Persons)	Permanent total disability (Persons)	Permanent partial disability (Persons-cases)	Temporary total disability (Persons-cases)		
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
11 561	71	10	295	11 185	826 563	118

Table 34. Labor

Year	No. of dispute (cases)	Cause of							
		Contract	Wage	Retirement	Welfare benefits	Working hour	Insurance	Management	Employment discrimination
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	23 225	1 544	10 356	5 757	904	391	1 693	13	2 431
2013 r	23 943	2 181	9 967	5 769	972	311	1 919	3	2 580
2014	22 703	1 940	9 515	5 509	937	353	1 935	4	2 369

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

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

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

## dispute

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

  

dispute <sup>1</sup> (Cases)				Workers involved		Method <sup>2</sup> (Cases)		
Dispute over wages adjustment	Dispute over work years settlement	Dispute over work hours adjustment	Dispute over other adjustment issues	dispute(workers)	Involvement rate (%)	Conciliation	Mediation	Arbitration <sup>3</sup>
69	13	109	119	65 274	8.26	19 546	4 320	-
135	103	271	69	68 649	8.70	25 441	5 201	-
27	4	195	44	42 934	5.30	19 108	4 469	-
23	4	115	40	44 022	5.29	10 438	11 618	1
36	2	61	37	41 257	4.86	1 176	21 836	3
16	1	121	103	35 531	4.12	1 783	22 155	7
29	4	58	50	33 611	3.85	1 103	21 548	20

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. 2000	0.77	2.23	0.29	2.73	3.54	3.33	1.34	4.25
Ave. 2001	0.68	1.50	0.33	1.90	3.18	2.69	1.35	3.47
Ave. 2002	1.16	1.96	0.21	2.06	3.43	2.60	1.33	4.45
Ave. 2003	1.20	1.98	0.49	2.01	3.59	2.63	1.44	5.37
Ave. 2004	1.02	2.02	0.27	2.07	3.37	2.52	1.51	5.26
Ave. 2005	1.14	2.03	0.31	1.97	3.09	3.08	1.62	5.04
Ave. 2006	0.88	2.31	0.51	3.12	2.90	3.05	1.71	4.44
Ave. 2007	1.20	2.24	0.42	2.19	2.88	2.69	1.60	4.46
Ave. 2008	1.23	1.83	0.56	2.13	3.25	2.47	1.51	4.72
Ave. 2009	1.01	1.82	0.30	1.71	3.14	2.31	1.34	4.02
Ave. 2010	1.11	2.72	0.26	1.88	3.25	2.78	1.82	5.06
Ave. 2011	1.29	2.51	0.50	1.80	2.76	2.45	1.76	4.89
Ave. 2012	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
Ave. 2014	1.45	2.19	0.51	1.65	3.01	2.52	2.15	4.90

Year	Separation							
	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services
Ave. 2000	1.51	2.21	0.37	3.35	4.00	3.22	1.28	4.30
Ave. 2001	1.72	2.08	0.60	2.29	3.88	2.93	1.64	4.35
Ave. 2002	1.68	1.76	0.37	2.25	3.53	2.34	1.40	3.68
Ave. 2003	2.08	1.73	0.44	1.97	3.76	2.58	1.62	4.45
Ave. 2004	1.85	1.78	0.47	2.11	2.98	2.26	1.45	4.17
Ave. 2005	1.94	1.99	0.39	1.99	2.87	2.80	1.66	3.96
Ave. 2006	1.82	2.19	0.41	1.95	2.53	2.98	1.61	3.71
Ave. 2007	1.41	2.07	0.44	1.76	2.81	2.64	1.64	3.97
Ave. 2008	1.53	2.16	0.30	2.17	3.24	2.64	1.64	4.13
Ave. 2009	1.73	2.01	0.24	1.62	3.23	2.36	1.45	3.77
Ave. 2010	1.28	2.27	0.30	1.65	2.91	2.53	1.66	4.47
Ave. 2011	1.11	2.33	0.29	1.65	2.67	2.19	1.55	4.19
Ave. 2012	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
Ave. 2014	1.21	2.03	0.55	1.73	3.02	2.40	1.98	4.54

**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
2.98	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
2.05	1.36	3.00	1.96	4.75	2.11	1.59	4.22	2.17

Information & communication	Finance & insurance	Real estate	Professional, scientific & technical services	Support services	Education	Human health services	Art, entertainment & recreation	Other services
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
1.95	1.23	2.61	1.81	4.47	2.03	1.35	4.45	2.06





## **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 *Education Statistics* and the *Education Statistical Indicators*, which are both compiled by the Ministry of Education and 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*, which is compiled from results of the Survey of National Science and Technology Activity annually 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 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 National Science and 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
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
2014	6 468	1 965	45 341	44 748	12 671	12 454	444 457	210 993	134 154	65 561

**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 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
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	2 657	2 621	97 466	67 840	95 793	66 488
2013 r	2 650	2 613	97 436	68 258	95 703	66 853
2014	2 644	2 607	98 613	69 524	96 775	68 025

**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
2 321 700	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	618 346	1 264 084	603 111	242 826	115 975	237 570	113 530
1 252 706	596 917	1 218 423	581 045	...	...	...	...

Table 38. Education at the second level

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

**: 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
1 678 767	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
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

**Table 38. Education at the second level**

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



**: 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
1 908 935	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
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

Table 38. Education at the second level

School Year and type of education	Institution (Numbers)		Teaching staff (Persons)			
	Total	Public	Total		Public	
			Both sexes	Female	Sub-total	Female
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
2014 Total	1 241	1 013	107 830	67 994	87 964	56 837
General	...	...	...	...	...	...
Vocational	...	...	...	...	...	...
Comprehensive high school	...	...	...	...	...	...
Practical technical program	...	...	...	...	...	...
Continuing education	...	...	...	...	...	...

Notes : 1. The data of the first three year of the 5-year junior colleges is excluded in the table.  
2. The data of General (type of education) contain Junior High School and Senior High School(including Comprehension School) before SY 2014.  
3. Since the "Senior High School Education Act" was fulfilled in 2013, the types of the senior secondary schools are classified into General education, Vocational education, Comprehensive high school, Practical technical program, and Continuing education from SY 2014, and the number of institutions and teaching staffs can not be disaggregated according to the types of education.

**: 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
1 707 331	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	525 343	253 847	384 903	184 941
1 247 573	604 836	1 033 160	499 993	413 410	202 532	343 585	167 786
369 436	164 144	135 004	53 889	111 933	51 315	41 318	17 155
1 585 444	753 074	1 153 305	547 563	510 535	246 602	369 563	177 800
1 225 238	593 945	1 017 858	493 636	396 756	194 472	327 954	160 635
360 206	159 129	135 447	53 927	113 779	52 130	41 609	17 165
1 622 095	763 137	1 148 622	540 992	...	...	...	...
1 114 396	537 289	941 014	454 668	...	...	...	...
345 937	151 645	133 855	52 551	...	...	...	...
65 086	33 942	39 295	20 409	...	...	...	...
37 743	16 115	12 118	4 837	...	...	...	...
58 933	24 146	22 340	8 527	...	...	...	...

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		
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
2014	159	51	14	145	49 357	17 379	19 783	6 027	1 765	47 592

Notes : The data of the first three year of the 5-year junior colleges is included in the table.

**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			
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	311 041	159 617	109 548	50 318	18 240	228 762	64 039
1 339 849	673 721	434 655	197 911	99 270	1 037 062	203 517	...	...	...	...	...	...	...

**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
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
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

**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
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
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

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
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
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



**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
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
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

**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
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	818	619	3 019	1 839	2 120	1 445
Special	28	27	1 813	1 298	1 767	1 288
Others	790	592	1 206	541	353	157
2014 Total	566	480	1 947	1 347	1 842	1 293
Special	28	27	1 811	1 305	1 766	1 269
Others	538	453	136	42	76	24

**Notes :** The data of Others(type of education) exclude Senior high & Vocational cont. school(transforming into Continuing education) and Practical technical program from SY2014.

**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
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	61 751	30 505	26 043	14 273
6 885	2 739	6 763	2 696	2 004	825	1 989	821
195 072	97 264	91 032	52 144	59 747	29 680	24 054	13 452
182 832	91 022	90 886	50 779	22 499	13 024	13 087	8 364
6 746	2 577	6 620	2 529	2 086	824	2 075	819
176 086	88 445	84 266	48 250	20 413	12 200	11 012	7 545
70 298	42 877	49 290	32 828	...	...	...	...
6 417	2 430	6 302	2 385	...	...	...	...
63 881	40 447	42 988	30 443	...	...	...	...

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 <sup>1</sup> (3rd level)		
				Total	Male	Female	Total	Male	Female
<b>Net enrollment rates</b>									
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	89.35	97.75	97.74	94.99	94.64	95.37	64.44	61.15	67.99
2009	89.43	97.95	98.01	95.44	95.05	95.85	65.38	61.75	69.32
2010	89.55	97.89	97.97	95.59	95.30	95.90	66.71	63.00	70.75
2011	89.76	97.86	97.88	95.63	95.28	96.00	68.42	64.63	72.53
2012	89.84	97.90	97.79	95.64	95.23	96.09	69.71	65.80	73.96
2013 r	89.79	97.87	97.70	95.69	95.34	96.08	70.41	66.15	75.00
2014	89.70	97.77	97.61	95.86	95.55	96.21	70.85	66.15	75.93
<b>Gross enrollment rates</b>									
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 r	95.19	99.44	99.52	100.24	99.80	100.71	83.88	80.36	87.68
2014	95.11	99.85	99.65	100.38	100.03	100.76	83.79	79.87	88.00

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

**Table 42. Net percentage of graduates entering advanced levels**

%

School Year	Primary school			Junior high school			Senior secondary school					
	Average	Male	Female	Average	Male	Female	General education & Comprehensive high school			Vocational education		
							Average	Male	Female	Average	Male	Female
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 r	99.85	99.87	99.84	99.39	99.35	99.44	95.50	94.22	96.73	81.10	78.42	84.28
2014	99.95	99.95	99.96	99.52	99.41	99.64	95.70	94.35	97.00	81.01	77.69	84.94

**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
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 r	106.15	107.69	104.49	...	...	...
2014	106.08	107.36	104.70	...	...	...

**Table 44. Number of students per teacher**

Persons

School Year	Primary school	Junior high school	Senior secondary school		Junior college	University & college
			Senior high school	Vocational school		
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	14.09	13.00	18.29	17.83	28.34	21.82
2013 r	13.31	12.50	17.83	17.29	29.70	21.94
2014	12.70	12.07	17.05		29.65	22.30

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

Table 45. Educational attainments

Year	Average length of education (years)			First level <sup>1</sup>		
	Average	Male	Female	Average	Male	Female
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
2014	11.79	11.86	11.73	18.64	16.73	20.46

Notes : <sup>1</sup> 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
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
42.35	45.54	39.32	39.01	37.73	40.22

**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	
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 r	658 024 640	482 801 188	441 251 948	19.448	19.65	175 223 452
2005 r	683 855 358	503 380 937	457 296 815	20.083	19.95	180 474 421
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 r	778 262 118	594 626 440	532 325 154	23.025	19.93	183 635 678
2010	765 283 147	584 268 555	516 804 324	22.312	20.13	181 014 592
2011 r	784 518 065	603 588 564	537 799 401	23.156	20.58	180 929 501
2012 r	817 856 782	621 789 901	548 815 737	23.538	20.49	196 066 881
2013 r	832 633 478	621 833 698	553 419 602	23.677	20.76	210 799 779
2014	838 259 313	626 501 690	558 453 855	23.831	20.08	211 757 623

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\$

School Year	Total	Pre-school education	Primary school	Junior high school, senior high school & vocational school	Junior college, university & college	Special and others education
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	555 898 915	17 794 264	149 113 799	181 398 521	203 849 294	3 743 039
2004	575 367 011	18 122 130	155 676 625	187 054 641	210 569 731	3 943 885
2005	593 858 139	16 888 946	160 682 822	190 863 305	221 580 704	3 842 363
2006	606 562 896	16 840 356	164 377 547	193 357 095	228 263 974	3 723 923
2007	625 449 441	18 167 852	167 030 347	197 715 142	238 539 799	3 996 301
2008	616 518 676	18 794 714	170 569 474	197 049 810	225 944 084	4 160 595
2009	620 564 260	20 492 347	171 160 930	198 085 776	226 716 196	4 109 012
2010 r	625 905 609	22 410 725	174 663 057	198 649 937	225 910 088	4 271 801
School Year	Total	Pre-school education	Primary school & junior high school	Senior secondary <sup>1</sup> school	Junior college, university & college	Special and others education
2011 r	671 481 300	35 716 015	289 288 021	104 441 396	237 831 086	4 204 782
2012	711 297 900	51 423 609	302 103 382	106 475 877	247 095 253	4 199 780
2013	707 963 490	52 650 876	302 388 161	106 711 092	241 880 190	4 333 171

**Notes :** <sup>1</sup> It is senior high school & vocational school from SY 2011 to SY 2012.  
 1. It is Fiscal Year before 2000, and it is School Year beginning 2000.  
 2. Excluding social education and international cultural expenditures.  
 3. 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
2014	29 137	539	310	1 370	618	748	643	3 667	44	277	370
Asia	19 558	453	259	1 164	578	430	574	2 869	40	216	315
Indonesia	2 350	72	8	72	16	31	14	394	1	34	33
Japan	3 722	77	19	219	8	59	20	110	13	4	5
Korea	2 444	55	10	164	13	57	15	89	10	7	1
America	4 661	49	36	117	29	136	51	452	2	36	12
Canada	360	9	1	16	1	12	-	18	-	3	2
U. S. A.	2 417	21	9	83	10	54	13	90	2	9	8
Europe	3 455	30	10	65	7	119	12	177	2	14	16
France	951	4	3	9	3	15	1	46	1	3	2
Germany	605	2	1	7	1	20	2	26	-	2	4
United Kingdom	302	4	1	8	-	9	3	9	-	-	1
Africa	868	6	3	16	4	25	5	120	-	8	26
South Africa	93	3	2	9	1	6	1	9	-	-	-
Oceania	595	1	2	8	-	38	1	49	-	3	1
Australia	273	1	2	5	-	2	-	4	-	1	-
New Zealand	51	-	-	2	-	1	-	2	-	-	1

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
50	258	2 738	158	399	47	612	45	1 106	34	28	15 074	2
43	204	2 057	100	258	45	380	44	1 048	24	19	8 436	2
13	45	450	17	55	2	64	-	44	3	6	976	-
2	6	28	8	11	1	30	3	70	5	-	3 024	-
2	2	13	-	2	2	10	7	52	-	-	1 933	-
4	23	348	21	70	1	111	1	31	10	6	3 115	-
-	1	4	1	1	-	3	-	2	1	2	283	-
1	4	39	3	9	-	46	-	16	-	2	1 998	-
2	6	69	7	5	1	15	-	14	-	3	2 881	-
-	1	11	1	1	-	-	-	2	-	1	847	-
1	1	6	-	1	-	2	-	2	-	1	526	-
-	-	-	1	-	1	4	-	2	-	-	259	-
1	10	242	29	49	-	77	-	6	-	-	241	-
-	1	3	-	1	-	-	-	-	-	-	57	-
-	15	22	1	17	-	29	-	7	-	-	401	-
-	-	3	-	-	-	1	-	-	-	-	254	-
-	-	2	-	-	-	1	-	-	-	-	42	-

**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\$)
1999 r	104 535	54 844	40 857	190 520	32.5	1.98	1.26	3.47
2000 r	104 568	55 460	39 966	197 631	33.4	1.91	1.14	3.56
2001 r	107 757	59 656	39 296	204 974	33.3	2.02	1.26	3.44
2002 r	120 013	69 887	40 972	224 428	35.2	2.10	1.30	3.21
2003 r	127 628	75 111	43 077	242 942	35.2	2.22	1.28	3.23
2004 r	138 604	81 209	47 568	263 271	33.6	2.26	1.24	3.24
2005 r	149 154	88 859	49 471	280 980	31.5	2.32	1.36	3.16
2006 r	161 314	95 176	54 519	307 037	31.4	2.43	1.34	3.23
2007 r	175 741	103 455	59 868	331 386	29.9	2.47	1.36	3.20
2008 r	184 633	110 089	62 936	351 405	28.2	2.67	1.56	3.19
2009 r	196 893	119 185	65 444	367 174	28.9	2.83	1.84	3.08
2010 r	210 678	127 768	70 576	394 960	27.5	2.80	1.60	3.09
2011 r	221 371	134 048	74 376	413 293	26.2	2.89	1.61	3.08
2012 r	227 976	139 215	77 224	431 296	24.8	2.94	1.75	3.10
2013 r	232 879	140 124	80 604	454 891	23.5	2.99	1.85	3.25

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**

Year	Total	Type of work			Type of cost			
		Basic research	Applied research	Technological development	Capital expenditure	Current expenditure	Labor	
							Labor	others
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
2013	454 891	41 966	105 686	307 239	39 953	414 938	239 748	175 190

Million NT\$



**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
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
2013	454 891	343 456	60 993	48 987	1 455

**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
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
2013	454 891	343 238	106 692	3 912	777	272

**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
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
2014	-	228	-	21	-	92	-	29	-	81	-	5

**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
<b>Items</b>							
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	16 973	2 192	7 245	3 480	2 484	659	913
2005	17 193	2 274	7 322	3 438	2 481	690	988
2006	17 789	2 408	7 437	3 549	2 619	691	1 085
2007	14 975	1 881	6 150	2 816	2 560	540	1 028
2008	12 821	1 640	5 236	2 246	2 293	538	868
2009	13 640	1 893	5 466	2 176	2 457	505	1 143
2010	14 262	1 820	5 635	2 169	2 808	534	1 296
2011 r	14 011	897	5 576	1 924	2 629	581	2 404
2012 r	14 581	954	5 550	2 349	2 527	532	2 669
2013 r	14 126	1 393	5 002	2 317	2 517	550	2 347
2014	13 758	1 388	4 731	2 203	2 446	546	2 444
<b>Grants (Million NT\$)</b>							
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	14 037	3 183	5 099	3 510	1 252	566	427
2005	15 395	3 823	5 414	3 754	1 337	599	468
2006	16 977	4 114	5 764	4 268	1 629	641	560
2007	15 172	3 467	4 983	3 891	1 763	533	534
2008	12 914	2 866	4 447	3 277	1 432	459	433
2009	14 732	3 335	4 702	3 388	1 564	508	1 235
2010	14 871	3 410	4 696	3 593	1 701	514	957
2011 r	13 819	1 883	4 305	2 491	1 349	596	3 195
2012 r	15 401	2 312	4 744	2 977	1 332	509	3 528
2013 r	15 563	3 102	4 662	2 954	1 451	477	2 917
2014	15 862	2 326	4 576	2 919	1 406	485	4 149

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
1990	2 804	27	732	11
1991 r	3 456	24	906	10
1992 r	4 264	24	1 001	9
1993 r	4 961	21	1 189	8
1994 r	6 062	20	1 443	7
1995 r	6 758	19	1 620	7
1996	7 768	19	1 897	7
1997 r	8 203	20	2 057	7
1998 r	8 892	20	3 100	7
1999 r	9 425	21	3 693	5
2000 r	9 997	21	4 670	4
2001 r	11 135	19	5 371	4
2002 r	11 711	18	5 431	4
2003 r	12 880	18	5 298	4
2004 r	14 483	18	5 938	4
2005 r	16 190	18	5 118	4
2006 r	18 382	17	6 361	4
2007 r	19 602	16	6 128	5
2008 r	22 292	16	6 339	5
2009 r	23 784	16	6 642	5
2010 r	24 937	16	8 239	5
2011 r	27 310	16	8 781	5
2012 r	27 726	16	10 646	5
2013 r	28 155	16	11 071	5
2014	27 430	17	11 332	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
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
2014	78 014	45 868	32 146	76 255	47 848	28 407

**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 (%)
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
2014	15.15	14.62	6.98	5.77

**Table 58. General conditions of culture and mass communication**

Numbers

Year	Public libraries	Books <sup>1</sup> published	Publishing industries <sup>2</sup>					
			Total	Newspaper & related publishing	Periodical & magazine publishing	Book publishing	Other publishings	Software publishing
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 r	529	42 059	3 453	173	939	1 763	578	-
2007 r	539	41 564	3 512	190	959	1 772	591	-
2008	544	41 031	3 086	198	982	1 748	81	77
2009	537	40 402	3 187	189	1 018	1 770	101	109
2010 r	550	42 671	3 326	193	1 078	1 789	118	148
2011 r	523	42 228	3 418	207	1 121	1 757	167	166
2012 r	525	41 941	3 562	209	1 183	1 772	213	185
2013 r	531	42 062	3 593	212	1 181	1 763	248	189
2014	533	41 458	3 676	220	1 240	1 748	249	219

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

<sup>2</sup> Beginning from 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
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
2014	815	90	410	315	153	149	16
New Taipei City	74	6	68	-	14	12	-
Taipei City	156	12	144	-	37	2	1
Taoyuan City	17	1	-	16	5	6	-
Taichung City	44	2	42	-	15	6	-
Tainan City	136	22	114	-	17	37	8
Kaohsiung City	47	5	42	-	6	5	3
Yilan County	34	-	-	34	4	7	-
Hsinchu County	24	1	-	23	6	6	-
Miaoli County	11	1	-	10	2	3	-
Changhua County	46	6	-	40	6	26	-
Nantou County	15	1	-	14	-	2	-
Yunlin County	22	2	-	20	5	6	-
Chiayi County	19	2	-	17	2	8	-
Pingtung County	19	3	-	16	1	5	1
Taitung County	-	-	-	-	-	-	-
Hualien County	17	-	-	17	6	1	-
Penghu County	26	8	-	18	2	6	2
Keelung City	13	3	-	10	3	-	-
Hsinchu City	32	5	-	27	6	5	1
Chiayi City	15	1	-	14	1	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	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	
18	26	22	9	53	29	6	21	313	
-	2	2	1	2	12	-	5	24	
3	1	1	4	10	1	-	-	96	
-	-	-	-	-	-	1	1	4	
1	-	1	-	4	-	-	-	17	
3	4	9	-	19	-	-	3	36	
-	2	1	-	3	-	1	1	25	
1	-	-	2	-	2	-	4	14	
-	1	-	-	1	-	-	1	9	
1	-	-	-	-	-	-	1	4	
-	-	2	-	4	-	-	-	8	
-	-	3	-	1	2	-	1	6	
-	-	1	-	2	-	-	-	8	
-	-	-	-	1	3	-	-	5	
-	4	1	1	-	-	-	1	5	
-	-	-	-	-	-	-	-	-	
2	-	-	-	-	3	-	1	4	
-	5	-	-	-	2	1	-	8	
-	7	-	-	1	-	-	-	2	
4	-	-	-	2	-	-	-	14	
-	-	-	1	2	1	-	1	7	
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
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
2014	12 772	5 720	3 411	2 047	1 594

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
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	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
2014	8 108	4.33	99.21	27.65	70.68	84.78	8.55

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 <sup>2</sup> )	Population served (Persons)		
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
2014	22 041	1.64	1 063	161 491	68.91

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
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
2014	271 555	18.09	4.85	12.21	52.55	3.36	2.13	6.81

**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 <sup>1</sup> of Preventive Health Examination for Children(%)	Examination of Children			
				Under 1.5 years	1.5-2 years	2-3 years	3-7 years
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	34.1	27	81.0	569 944	140 155	150 137	173 980
2011	33.3	32	77.6	557 893	142 719	153 285	143 323
2012	32.1	38	81.0	660 090	134 018	140 894	171 078
2013	32.6	32	82.1	693 080	159 957	149 220	167 406
2014	32.5	34	77.7	675 834	106 041	176 659	145 626

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		
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
2014	225 149	71 585	205 868	134 347	71 521	2 070 640	26.0

Notes : <sup>1</sup> 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**

End of Year	Persons						
	Tuberculosis	Dysentery	Typhoid & paratyphoid fever	Acute viral hepatitis	Enteroviruses complicated severe case	AIDS	Dengue fever
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
2014	11 438	432	33	453	6	1 387	15 732

Table 66. Death rates of the leading

Year	Death rates by the				
	Malignant neoplasms	Heart disease	Cerebrovascular disease	Diabetes mellitus	Accident
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 r	191.90	75.80	48.50	40.40	28.40
2014	196.96	82.89	50.15	42.07	30.44

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



## causes, infant and maternity

leading causes (Per 100 000 population)					Infant mortality rate (Per 1 000 live births)	Maternal mortality rate (Per 100 000 live births)
Pneumonia	Chronic liver disease and Cirrhosis	Nephritis, Nephrotic <sup>1</sup> Syndrome and Nephrosis	Suicide	Hypertensive disease		
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	3.93	9.23
44.24	21.20	20.80	15.15	23.33	3.61	6.62

Table 67. Daily nutrient

Year	Energy (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)
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	2 738.7	89.7	111.7	334.5	546.5
2012 r	2 796.7	89.5	115.2	340.6	539.3
2013	2 707.7	87.3	107.5	338.2	529.3

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)
1 190.6	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
1 155.4	12.7	7 360.8	1.4	1.3	15.0	136.6
1 135.0	12.4	7 514.4	1.4	1.3	14.7	136.4



## 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 of 10 microns or less fine particles, sulfur dioxide(SO<sub>2</sub>), nitrogen dioxide(NO<sub>2</sub>), carbon monoxide(CO), and ozone(O<sub>3</sub>)) is monitored in the air by the monitoring stations increased to 60 stations from 2012 and scattered in Taiwan Island and Outer Islands, and the monitoring data is converted to the PSI sub-index value. Second, the largest one picked from the 5 PSI sub-index values calculated by the stations for a day is to serve as the PSI for the station on the specific day.

**PSI value cross reference table**

PSI value	PM <sub>10</sub> 24-hr. Average	SO <sub>2</sub> 24-hr. Average	CO 24-hr. Maximum 8-hour average	O <sub>3</sub> 24-hr. Maximum value of the hour	NO <sub>2</sub> 24-hr. Maximum value of the hour
	µg/m <sup>3</sup>	ppb	ppm	ppb	ppb
50	50	30	4.5	60	-
100	150	140	9	120	-
200	350	300	15	200	600
300	420	600	30	400	1200
400	500	800	40	500	1600
500	600	1000	50	600	2000

Pollution Level of Major River -- The pollution level of river is measured by the average points converted from Dissolved Oxygen(DO), Biochemical Oxygen Demand(BOD<sub>5</sub>), Suspended Solids(SS), and Ammonia Nitrogen(NH<sub>3</sub>-N) found in water.

**Level of river pollution**

Category	Degree	Non(Slightly)-polluted	Lightly-polluted	Moderately-polluted	Severely-polluted
<b>DO</b>	( mg / L )	DO ≥ 6.5	6.5 > DO ≥ 4.6	4.5 ≥ DO ≥ 2.0	DO < 2.0
<b>BOD<sub>5</sub></b>	( mg / L )	BOD <sub>5</sub> ≤ 3.0	3.0 < BOD <sub>5</sub> ≤ 4.9	5.0 ≤ BOD <sub>5</sub> ≤ 15.0	BOD <sub>5</sub> > 15.0
<b>SS</b>	( mg / L )	SS ≤ 20.0	20.0 < SS ≤ 49.9	50.0 ≤ SS ≤ 100.0	SS > 100.0
<b>NH<sub>3</sub>-N</b>	( mg / L )	NH <sub>3</sub> -N ≤ 0.5	0.5 < NH <sub>3</sub> -N ≤ 0.99	1.0 ≤ NH <sub>3</sub> -N ≤ 3.0	NH <sub>3</sub> -N > 3.0
<b>Point scores</b>		1	3	6	10
<b>Pollution index integral value (S)</b>		S ≤ 2.0	2.0 < S ≤ 3.0	3.1 ≤ S ≤ 6.0	S > 6.0

**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)
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
2014	1 133 347	19.2	48.4

**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 438,573.80 ha. in 2014.

**Table 69. Emissions of greenhouse gases by kind**10<sup>3</sup>M.T. CO<sub>2</sub> equivalent

Year	Total	Carbon dioxide (CO <sub>2</sub> )	Methane (CH <sub>4</sub> )	Nitrous oxide (N <sub>2</sub> O)	Hydrofluorocarbons (HFCs)	Perfluorocarbons (PFCs)	Sulphur hexafluoride (SF <sub>6</sub> )
1998 r	217 524	195 845	16 077	3 955	1 647	...	...
1999 r	224 060	203 545	15 328	3 915	1 272	...	...
2000 r	239 086	221 649	11 315	4 289	1 833	...	...
2001 r	243 233	224 123	8 893	4 451	2 081	2 939	746
2002 r	256 886	235 258	6 880	4 518	2 174	4 143	3 914
2003 r	265 387	244 384	6 047	4 382	1 991	4 198	4 385
2004 r	274 477	252 430	5 819	4 601	2 093	4 341	5 193
2005 r	277 034	258 802	4 940	4 469	1 070	3 070	4 683
2006 r	283 060	266 179	4 511	4 529	987	3 264	3 590
2007 r	284 699	269 095	3 921	4 543	1 093	2 933	3 114
2008 r	269 655	256 733	3 248	4 301	1 046	1 682	2 644
2009 r	253 989	242 385	3 065	4 272	982	1 143	2 142
2010 r	271 484	259 935	3 019	4 320	934	1 354	1 922
2011 r	276 288	265 303	2 955	4 137	1 129	1 240	1 525
2012	270 682	260 431	2 924	4 116	997	725	1 490
By sectors							
Energy	244 588	243 484	271	833	-	-	-
Industrial process	20 378	16 914	38	214	997	725	1 490
Waste	1 955	34	1 511	410	-	-	-
Agricultural	3 764	-	1 104	2 660	-	-	-

**Table 70. Carbon dioxide emissions**10<sup>3</sup>M.T.

Year	Total	Energy use by sectors <sup>1</sup>							Industrial process	Incineration of waste
		Subtotal	Energy	Industrial	Transportation	Agricultural	Services	Residential		
1998 r	195 845	177 688	99 730	36 576	31 521	2 020	2 916	4 925	18 087	70
1999 r	203 545	186 749	105 983	37 805	32 439	2 019	3 121	5 381	16 761	36
2000 r	221 649	205 339	121 041	40 578	32 870	2 337	3 187	5 326	16 205	105
2001 r	224 123	208 951	125 268	39 665	32 909	2 429	3 526	5 153	14 790	382
2002 r	235 258	216 725	129 268	42 296	34 191	2 433	3 457	5 079	18 124	409
2003 r	244 384	226 110	139 679	40 727	34 159	2 782	3 920	4 843	17 979	294
2004 r	252 430	233 928	145 510	40 978	35 496	2 946	4 077	4 920	18 223	280
2005 r	258 802	240 590	152 637	39 693	36 471	2 599	4 193	4 996	18 020	192
2006 r	266 179	247 214	159 272	40 877	36 396	1 629	4 208	4 831	18 716	249
2007 r	269 095	250 903	163 091	42 670	35 056	1 079	4 153	4 853	17 892	300
2008 r	256 733	239 841	157 098	39 380	33 055	1 351	4 163	4 794	16 656	236
2009 r	242 385	227 737	147 793	36 649	33 370	988	4 188	4 750	14 559	89
2010 r	259 935	243 246	158 509	40 456	34 472	931	4 166	4 712	16 575	114
2011 r	265 303	248 142	161 931	41 634	34 936	927	3 926	4 788	17 094	67
2012	260 431	243 484	159 528	40 104	34 153	1 030	3 923	4 745	16 914	34

Notes : <sup>1</sup> CO<sub>2</sub> emissions are from fuel combustion only.

**Table 71. Concentration**

Year	Dustfall (Ton/Km <sup>2</sup> /Month)	Total suspended particulates (µg/m <sup>3</sup> )	Suspended particulates (µg/m <sup>3</sup> )	Sulfur Dioxide
2005	5.86	92.97	62.75	5.18
2006	5.97	86.65	59.68	4.61
2007	5.92	82.27	59.09	4.53
2008	4.87	80.66	58.07	4.35
2009	5.04	78.74	58.99	4.03
2010	5.11	72.40	56.38	4.07
2011	4.44	71.26	54.25	3.76
2012	4.73	63.17	50.51	3.29
2013	4.72	63.27	53.07	3.45
2014	4.38	58.11	52.00	3.40

**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	
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
2014	21 884	9 838	11 758	288	-	-	1.3

**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
537.98	18.46	269.41	56.98
515.78	18.06	258.88	59.74
511.44	17.87	269.07	60.13
470.25	16.90	255.22	58.47
446.46	16.15	216.61	59.89
459.45	16.95	242.28	57.38
427.55	15.83	210.52	56.96
426.55	14.64	209.80	56.36
416.49	14.35	192.62	57.74
409.84	14.37	190.23	58.36

**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
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	-
35.4	-	-	64.6	-

Table 73. General quality of major rivers

Year and river	mg/l			
	DO	BOD <sub>5</sub>	SS	NH <sub>3</sub> -N
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
2014	7.8	2.9	160.4	1.3
Danshui river	6.8	2.7	19.3	1.2
Lanyang stream	8.6	0.6	233.8	0.0
Fengshan stream	8.5	3.9	47.3	0.5
Touchien stream	9.5	1.8	176.0	0.1
Chungkang stream	7.9	4.3	22.0	1.0
Houlung stream	8.4	4.0	15.7	0.2
Taan stream	9.2	1.3	150.7	0.1
Tachia stream	9.0	1.8	32.5	0.1
Wu stream	8.2	3.3	216.2	0.9
Choshui stream	8.6	1.5	1 328.0	0.1
Peikang stream	5.9	8.4	348.8	3.9
Potzu stream	6.4	3.6	53.1	5.7
Pachang stream	8.1	2.8	57.4	1.9
Chishui stream	3.8	4.5	134.9	3.9
Tsengwen stream	7.5	1.5	59.7	0.2
Yenshui stream	5.1	6.1	36.6	5.0
Erhjen stream	3.9	8.7	429.6	10.0
Akungdiaun stream	4.5	7.9	612.5	19.0
Kaoping stream	7.3	3.4	476.7	1.8
Tungkang stream	4.3	4.2	62.8	3.6
Szuchung stream	9.4	0.8	7.6	0.0
Peinan stream	8.1	0.6	1 388.2	0.1
Hsiukuluan stream	8.6	0.8	154.5	0.0
Hualien stream	9.0	0.5	105.1	0.0
Hoping stream	8.9	0.6	1 436.2	0.0

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

Table 74. Pollution level of major rivers

Year and river	%			
	Non(Slightly)-polluted	Lightly-polluted	Moderately-polluted	Severely-polluted
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
2014	62.8	9.3	23.4	4.5
Danshui river	73.9	7.5	13.2	5.4
Lanyang stream	100.0	-	-	-
Fengshan stream	78.5	9.5	12.1	-
Touchien stream	80.1	8.7	11.2	-
Chungkang stream	85.5	4.0	7.3	3.1
Houlung stream	83.7	5.2	11.1	-
Taan stream	100.0	-	-	-
Tachia stream	98.4	1.0	0.6	-
Wu stream	78.6	15.2	6.2	-
Choshui stream	92.5	7.5	-	-
Peikang stream	3.3	3.3	47.3	46.2
Potzu stream	42.7	4.8	43.9	8.6
Pachang stream	43.8	14.6	41.6	-
Chishui stream	14.9	6.3	55.8	23.0
Tsengwen stream	67.4	24.1	8.5	-
Yenshui stream	58.8	12.9	23.3	5.0
Erhjen stream	9.3	2.7	56.0	32.0
Akungdiaun stream	18.8	11.2	49.6	20.4
Kaoping stream	6.6	19.6	72.9	0.9
Tung kang stream	-	9.8	75.2	15.0
Szuchung stream	100.0	-	-	-
Peinan stream	100.0	-	-	-
Hsiukuluan stream	43.0	14.6	42.4	-
Hualien stream	59.5	22.4	18.1	-
Hoping stream	100.0	-	-	-

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
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			
	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
2014	3.53	1.99	3.97	4.64

**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 <sup>1</sup> (1 000 tonnes)		Garbage clearance (1 000 tonnes)		Municipal
		Per capita per day (Kg)		Per capita per day (Kg)	
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	7 471	0.88	3 379	0.40	54.8
2013	7 453	0.88	3 300	0.39	55.7
2014	7 401	0.87	3 273	0.38	55.8

**Notes :** <sup>1</sup> 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
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	0.63
0.21	-	0.62	-	-
0.42	-	0.63	0.63	0.63
0.21	-	0.63	0.63	0
1.26	-	2.52	2.52	1.26

**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			
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
45.2	9.7	0.9	100.0	33 105	15 873

Table 77. Budget of

Fiscal year & district	Expenditure on environmental protection as % of GDP	Total <sup>1</sup>	Ordinary administration	Comprehensive planning	Research & Development	Air quality protection	Noise control
2006 r	0.36	45 382 534	6 401 331	329 025	55 292	119 861	73 627
2007 r	0.33	43 722 985	6 585 951	308 165	78 129	109 383	104 939
2008 r	0.34	45 002 263	6 956 058	336 707	96 248	19 536	74 399
2009 r	0.36	46 714 821	7 043 420	419 165	186 289	12 707	74 883
2010 r	0.34	48 007 788	7 635 163	394 956	140 282	36 044	63 568
2011 r	0.32	46 310 570	7 475 882	348 812	172 323	45 812	66 602
2012 r	0.32	46 802 798	7 664 581	266 340	130 477	41 941	154 269
2013 r	0.30	45 002 937	7 415 819	268 182	133 467	41 467	65 220
2014 r	0.29	45 982 953	7 249 653	292 494	98 632	41 187	83 197
2015	0.27	45 918 046	6 305 777	412 751	91 672	42 210	80 042
E.P.A.	...	4 210 952	743 713	96 767	59 925	4 677	44 674
New Taipei City	...	8 713 290	356 725	32 403	31 747	1 599	6 045
Taipei City	...	6 501 272	380 742	-	-	15 588	3 097
Taoyuan City	...	3 763 404	577 141	145 514	-	8 496	5 775
Taichung City	...	4 257 801	913 144	48 803	-	6 297	3 750
Tainan City	...	2 920 415	386 661	10 687	-	324	3 340
Kaohsiung City	...	4 390 736	668 145	10 588	-	-	272
Yilan County	...	937 339	82 848	2 169	-	-	75
Hsinchu County	...	829 999	177 805	9 434	-	-	175
Miaoli County	...	921 857	124 540	14 329	-	-	3 864
Changhwa County	...	1 308 455	218 870	5 723	-	299	-
Nantou County	...	587 895	81 758	2 995	-	-	39
Yunlin County	...	1 021 574	100 250	4 563	-	247	-
Chiayi County	...	622 181	106 885	1 039	-	197	122
Pingtung County	...	1 201 923	244 997	3 608	-	-	535
Taitung County	...	381 613	39 307	-	-	-	-
Hualien County	...	490 886	90 987	1 921	-	-	3 802
Penghu County	...	261 186	29 968	-	-	-	-
Keelung City	...	850 515	436 248	9 509	-	-	2 223
Hsinchu City	...	835 203	319 227	7 398	-	894	377
Chiayi City	...	500 517	119 494	758	-	-	755
Kinmen County	...	358 564	87 457	4 543	-	3 592	1 122
Lienchiang County	...	50 469	18 865	-	-	-	-

Notes : <sup>1</sup> 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
1 760 549	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
762 331	32 496 344	1 763 316	808 003	222 544	195 232	1 623 205	346 815
730 782	33 688 463	1 392 463	819 057	190 059	230 937	1 422 150	511 683
490 458	1 469 000	503 926	478 412	115 769	198 726	605	4 300
29 252	7 196 553	358 118	35 548	3 500	1 800	651 000	9 000
8 384	5 382 832	74 056	179 866	25 213	6 242	184 251	241 001
42 778	2 801 206	100 657	42 402	22 982	16 453	-	-
12 933	2 999 094	64 560	23 905	3 950	4 000	157 365	20 000
19 226	2 461 232	20 686	1 536	1 962	-	14 761	-
21 506	3 623 594	30 311	32 747	3 153	-	-	420
5 651	831 481	1 095	2 280	445	82	11 213	-
5 071	554 245	4 089	-	2 007	-	51 575	25 598
6 664	727 452	36 067	-	367	-	8 574	-
7 562	1 006 736	14 517	1 184	1 243	-	52 321	-
1 234	473 386	7 119	3 092	361	1 306	16 605	-
9 527	841 522	22 724	-	-	-	42 671	70
18 709	473 737	1 574	-	-	-	19 918	-
6 331	872 699	8 595	11 490	853	-	52 815	-
2 013	315 458	15 201	-	-	-	9 634	-
9 530	340 843	2 651	50	489	1 231	35 132	4 250
12 215	169 630	31 524	-	-	-	17 849	-
6 757	153 499	-	-	1 837	-	33 398	207 044
6 363	475 528	18 721	-	5 598	1 097	-	-
2 188	287 150	61 507	6 545	330	-	21 790	-
6 430	207 892	14 765	-	-	-	32 763	-
-	23 694	-	-	-	-	7 910	-

**Table 78. Pollution inspection and administrative penalty**

Year & type of industries	Number of inspections	Number of penalties	Fine paid (Thousand NT\$)
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
2014	2 063 137	216 625	1 366 804
Air pollution	1 501 340	49 520	486 870
Construction sources	7 608	898	49 407
Other stationary sources	102 621	2 322	355 775
Automobile sources	1 391 111	46 300	81 688
Water pollution	41 858	3 305	455 928
Industrial wastewater [exclude livestock wastewater]	27 315	2 481	415 708
Livestock Wastewater	7 278	652	22 185
Industrial sewerage systems	2 991	90	12 412
Public and community sewerage systems	4 274	82	5 462
Others	-	-	163
Solid waste pollution	367 272	158 420	332 363
Municipal solid wastes	283 084	152 681	189 890
Industrial solid wastes	25 878	4 830	131 328
Waste clean-up and disposal organizations	7 908	832	8 367
Recycled resources & others	50 402	77	2 779
Noise pollution	102 566	4 359	35 350
Toxic chemical substances	7 861	200	18 344
Environmental agents	22 591	28	1 140
Drinking water pollution	10 645	62	2 406
Environment impact assessment	1 723	57	22 037
Soil & groundwater pollution	1 072	113	10 364
Ocean pollution	5 356	3	940
Other pollution	853	558	1 061

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



**Table 79. Water withdrawal**

Year	Per capita <sup>1</sup> annual withdrawal (M <sup>3</sup> )	Percentage of <sup>2</sup> available resources (%)	Water supply <sup>1</sup> service's ratio (%)
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	741.4	16.5	92.9
2014	...	...	93.1

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

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

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



## JUSTICE AND PUBLIC SAFETY

This chapter is concerned with information on status and treatment of crimes, traffic accidents, and fire accidents. Data on status of crimes and traffic accidents are obtained from the official statistics contained in the *Statistics Annual Report of Police Affairs*, an annual report published by the National Police Agency, Ministry of the Interior. Data on fire accidents come from the National Fire Agency, Ministry of the Interior. Data on treatment of crimes mainly come from the official statistics an annual report compiled by 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 - 23.
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 (%)	
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	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
2014	306 300	24.9	0.7	2.0	12.5	1 308.8

**and cleared cases**

Number of offenders (Persons)	Offenders rate (Persons/100 000 pop.)					Cleared cases (Cases)	Clearance rate (%)
	Total	Child	Juvenile	Adolescent	Adult		
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
261 603	1 117.8	23.3	637.9	1 315.2	1 301.0	263 515	86.0

**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
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
2014	76 330	49 546	6 363	20 421	34 574	29 473	1 725	3 376

**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		
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
2014	2 376	561	25	835	5	-	950	2 957	1 043	57	884	16	-	957

**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		
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
2014	10 969	3 155	399	133	8	54	1	-	203	1 381	4.2



**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
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
2014	511 049	219 121	42.9	188 557	805.7

**Table 84. Treatment of criminals**

Year	Offenders convicted by length of sentence					Detention
	Death sentence	Life imprisonment	A definite period in prison	Under 6 months	3 years and over	
1985	1	105	47 351	28 782	3 992	39 830
1986	8	144	51 615	31 324	4 201	30 600
1987	7	137	54 999	33 013	4 268	10 444
1988	20	110	52 627	31 350	3 796	4 388
1989	66	150	54 014	28 946	4 948	5 228
1990	72	209	50 003	25 135	6 732	5 848
1991	58	173	67 501	42 416	6 319	7 224
1992	37	179	89 979	59 242	8 899	8 857
1993	20	247	109 792	66 091	16 208	10 151
1994	16	302	101 040	56 579	17 719	11 478
1995	15	235	86 939	49 673	15 070	12 414
1996	20	202	82 506	49 403	10 979	14 391
1997	35	208	95 426	58 993	11 661	17 268
1998	31	189	72 402	44 869	7 501	14 899
1999	23	167	61 219	36 305	4 880	15 205
2000	18	127	66 907	39 310	4 236	21 139
2001	10	151	71 777	42 189	4 265	26 158
2002	9	110	69 656	41 354	4 227	31 105
2003	7	129	77 353	46 506	4 736	32 294
2004	4	98	72 752	43 385	4 603	27 349
2005	1	90	83 380	47 989	4 775	28 445
2006	3	131	96 433	56 638	6 184	32 266
2007	-	89	113 164	74 052	6 198	41 287
2008	-	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
2014	5	31	156 721	125 167	5 667	22 446

**by the justice** (continued)

					Persons
					Prisonment
Fine	New inmates	Inmates as of the end of current year	Inmates freed from jails	Inmates paroled from jail	
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	
9 269	34 385	57 633	35 444	11 384	

**Table 85. Fire losses and casualties**

Year	Number of fires	Number of burned houses	Number of casualties		Estimated property losses (Million NT\$)
			Deaths	Injuries	
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	1 772	1 029	97	288	553
2012	1 574	907	142	286	694
2013	1 451	1 204	92	189	533
2014	1 417	1 263	124	244	436

**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	
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	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
2014	307 842	143.7	1 819	413 229	1 773.4

**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 the Bank of Taiwan; the data on labor insurance, employment insurance, and farmers' health insurance come from the *Yearbook of Labor Insurance Statistics* published by the Bureau of Labor Insurance; statistics on national health insurance are obtained from the *National Health Insurance Statistics* 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.

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.

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
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
2014	23 621 599	587 459	150

**Notes :** 1. Retired government employees' insurance has been stopped implementing since 1985. The part of medicare in above each insurance has been moved to National Health Insurance since March 1995.  
2. Government Employees' and School Staffs' Insurance (GESSI) launched on May 31, 1999, was the combination of Government Employees' Insurance program (GEI) and Insurance for Teaching and Administrative Staffs of Private School (ITASPS). Data before 1998 covered GEI only, and that of 1999 was summation of GEI and ITASPS from Jan. to May, with GESSI from June to Dec.



**of social insurance**

				Persons
Labor insurance	Employment Insurance	Farmers' health insurance	Aged 65 and above	
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	
9 920 361	6 437 767	1 349 903	709 487	

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 <sup>1</sup> low-income families	Medical subsidies	Nursing care assistance for mid or low-income families	Aid for disasters	Aid for emergencies- by cash
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	10 896 489 015	71 755 699	162 830 063	173 625 676	269 103 281
2013 r	11 746 468 077	80 407 028	169 355 078	88 534 273	246 688 235
2014	11 589 630 719	89 873 426	180 503 867	48 160 640	253 490 910

**Notes :** <sup>1</sup> 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
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
2014	149 958	1.79	357 722	1.53

**Table 90. Assistance service organizations and inmates**

End of Year	Total		Houses for the aged <sup>1</sup>		Child and Youth <sup>2</sup> Residential Institutions		Handicapped home	
	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)	Organizations (Units)	Inmates (Persons)
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	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
2014	1 460	67 766	1 063	45 298	124	3 501	273	18 967

**Notes :** <sup>1</sup> 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.

<sup>2</sup> 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)
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 <sup>1</sup>	
	Private (Numbers)	Number of children (Persons)	Private (Numbers)	Number of children (Persons)
2012	402	6 861	...	...
2013	553	11 362	...	...
2014	659	14 845	765	45 998

Notes : <sup>1</sup> In 2012 and 2013, the data is not complete, and it is not compiled.

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 <sup>1</sup> (Thousand NT\$)	As % of total net expenditure	As % of GNI	
1985	34 279 484	6.3	1.4	1 798
1986	40 591 479	6.6	1.5	2 102
1987 r	37 085 134	5.8	1.1	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 r	117 771 908	9.2	2.4	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 r	231 765 959	12.1	3.2	10 898
1996 r	290 002 141	15.7	3.7	13 525
1997 r	294 982 386	15.7	3.5	13 635
1998	282 766 789	14.2	3.1	12 950
1999	280 452 253	13.7	2.9	12 742
2000 r	531 808 684	16.9	3.4	16 231
2001 r	396 980 708	17.5	3.8	17 769
2002	323 614 630	15.1	3.0	14 406
2003	346 911 365	15.7	3.1	15 375
2004 r	347 557 298	15.5	2.9	15 347
2005 r	357 762 268	15.6	2.9	15 740
2006	370 302 873	16.7	2.9	16 225
2007 r	372 202 180	16.3	2.7	16 241
2008 r	368 136 275	15.7	2.7	16 008
2009 r	388 561 948	14.5	2.9	16 837
2010 r	415 356 194	16.2	2.9	17 949
2011 r	446 921 628	17.1	3.0	19 269
2012 r	540 440 045	20.2	3.6	23 224
2013 r	536 911 718	20.1	3.4	22 999
2014	517 142 825	19.5	3.1	22 097

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



## NATIONAL ECONOMICS

This chapter is concerned with information on national income, family income and expenditure and industrial inter-relations, all coming from the Directorate-General of Budget, Accounting and Statistics, Executive Yuan(DGBAS). Statistics for national income and industrial inter-relations, which are compiled based on the principles set by the United Nations, are incorporated in the *National Accounts Yearbook* and *The Report on 2011 Input-Output Tables*. Data on family income and expenditure, which are 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. 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. Data have been revised in accordance with system of national accounts 2008, and incorporated with nearly available sources such as Industrial and Commercial Census,etc. Estimates by kinds of activities have been revised, according to the ninth edition of “Standard Industrial Classification of the Republic of China”, and traced back to 2007. Data have been revised and released every 5 years, for years ending in “3” and “8”.

This country started preparation of statistics on personal income distribution in 1964, a sampling survey on household income and expenditure in the Taiwan area conducted by the DGBAS. 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 16,528 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 17 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.

Stage 17 (Since 2014): The survey was undertaken annually, and the numbers of samples drawn has been fixed at 16,528 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 National Development Council, 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, 2006 and 2011. The Input-Output tables for 2011 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		GNI		National income (US\$)	Private consumption (US\$)
					(NT\$)	(US\$)	(NT\$)	(US\$)		
1985	63 623	4.81	58 442	4.63	132 142	3 315	134 599	3 377	3 045	1 646
1986	78 386	11.52	73 279	25.39	152 843	4 038	156 808	4 143	3 775	1 854
1987	104 956	12.70	98 115	33.89	170 513	5 350	174 252	5 468	5 002	2 456
1988	126 366	8.02	118 387	20.66	182 226	6 369	187 134	6 541	5 967	3 116
1989	152 710	8.75	142 481	20.35	201 096	7 614	206 120	7 805	7 104	3 937
1990	166 615	5.65	155 229	8.95	220 933	8 216	226 718	8 431	7 655	4 294
1991	187 314	8.36	174 722	12.56	245 019	9 136	251 630	9 382	8 522	4 768
1992	223 159	8.29	206 056	17.93	271 185	10 778	277 018	11 010	9 952	5 701
1993	235 140	6.80	215 327	4.50	296 920	11 251	302 377	11 458	10 303	5 986
1994	256 404	7.49	233 886	8.62	321 741	12 160	326 840	12 352	11 092	6 658
1995	279 224	6.50	253 277	8.29	347 789	13 129	353 004	13 326	11 909	7 045
1996	292 665	6.18	265 856	4.97	374 816	13 650	379 923	13 836	12 399	7 426
1997	303 737	6.11	274 774	3.35	402 939	14 040	407 082	14 184	12 701	7 639
1998	280 369	4.21	251 003	- 8.65	429 624	12 840	432 763	12 934	11 495	7 003
1999	304 171	6.72	271 388	8.12	445 951	13 819	450 063	13 947	12 330	7 595
2000	331 452	6.42	295 973	9.06	466 598	14 941	472 889	15 142	13 341	8 236
2001	300 450	- 1.26	266 664	- 9.90	454 687	13 448	463 282	13 703	11 936	7 621
2002	308 875	5.57	275 633	3.36	475 484	13 750	486 280	14 062	12 270	7 665
2003	318 590	4.12	285 242	3.49	486 018	14 120	500 594	14 544	12 642	7 855
2004	348 479	6.51	311 059	9.05	514 405	15 388	530 835	15 879	13 735	8 574
2005	375 769	5.42	331 910	6.70	532 001	16 532	544 798	16 930	14 602	9 275
2006	388 589	5.62	341 757	2.97	553 851	17 026	567 508	17 446	14 974	9 358
2007	408 254	6.52	352 952	3.28	585 016	17 814	599 536	18 256	15 401	9 564
2008	416 961	0.70	353 896	0.27	571 838	18 131	585 519	18 564	15 388	10 009
2009	392 065	- 1.57	332 285	- 6.11	561 636	16 988	579 574	17 531	14 398	9 405
2010	446 105	10.63	385 290	15.95	610 140	19 278	628 706	19 864	16 650	10 237
2011	485 653	3.80	417 057	8.24	617 078	20 939	633 822	21 507	17 982	11 410
2012	495 845	2.06	421 779	1.13	631 142	21 308	650 660	21 967	18 125	11 657
2013	511 293	2.23	436 545	3.50	652 020	21 902	670 226	22 513	18 700	11 870
2014	529 587	3.77	451 890	3.52	687 438	22 635	707 542	23 298	19 315	12 043

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

Table 94. Expenditure on the

Item	1998	1999	2000	2001	2002	2003	2004
							<b>At Current</b>
Government final consumption expenditure	1 605 580	1 593 712	1 623 899	1 696 642	1 749 798	1 752 027	1 802 664
Private final consumption expenditure	5 116 403	5 394 295	5 706 268	5 756 645	5 953 938	6 100 329	6 490 958
Changes in inventories	88 514	57 327	92 504	- 62 876	- 43 829	12 250	100 568
Gross fixed capital formation	2 482 879	2 540 878	2 722 595	2 238 591	2 285 679	2 365 673	2 853 709
Exports of goods and services	4 352 253	4 554 722	5 373 337	4 942 685	5 427 124	5 924 171	6 982 430
Less : Imports of goods and services	4 264 488	4 325 339	5 167 343	4 413 478	4 691 827	5 188 584	6 580 684
<b>Gross Domestic Product</b>	<b>9 381 141</b>	<b>9 815 595</b>	<b>10 351 260</b>	<b>10 158 209</b>	<b>10 680 883</b>	<b>10 965 866</b>	<b>11 649 645</b>
							<b>Chained (2011)</b>
Government final consumption expenditure	1 916 554	1 867 795	1 879 444	1 925 311	1 959 431	1 946 494	1 968 570
Private final consumption expenditure	5 465 078	5 751 968	6 053 427	6 140 238	6 354 159	6 536 144	6 879 689
Changes in inventories	103 145	80 306	98 430	- 75 925	- 46 186	12 710	86 782
Gross fixed capital formation	3 049 076	3 144 370	3 411 605	2 817 001	2 867 682	2 901 649	3 305 326
Exports of goods and services	3 788 724	4 251 131	5 016 203	4 591 478	5 125 966	5 639 604	6 526 899
Less : Imports of goods and services	5 855 150	6 095 050	6 999 951	5 980 166	6 362 060	6 843 131	8 050 064
<b>Gross Domestic Product</b>	<b>8 074 502</b>	<b>8 616 866</b>	<b>9 170 116</b>	<b>9 054 580</b>	<b>9 559 334</b>	<b>9 953 235</b>	<b>10 600 793</b>

Notes : To sum items is infeasible by Chained Dollars.

Table 95. Gross

Item	1998	1999	2000	2001	2002	2003	2004
							<b>At Current</b>
Compensation of employees	...	...	...	...	...	...	...
Operating surplus	...	...	...	...	...	...	...
Consumption of fixed capital	1 051 146	1 148 411	1 247 590	1 334 334	1 391 981	1 476 716	1 623 025
Taxes on production and imports	744 680	711 386	706 491	671 562	708 378	701 168	756 256
Less : subsidies	47 724	40 834	44 652	66 211	54 768	64 116	61 790
Plus : Statistical discrepancy	...	...	...	...	...	...	...
<b>Gross domestic product</b>	<b>9 381 141</b>	<b>9 815 595</b>	<b>10 351 260</b>	<b>10 158 209</b>	<b>10 680 883</b>	<b>10 965 866</b>	<b>11 649 645</b>
							<b>Chained (2011)</b>
<b>Gross domestic product</b>	<b>8 074 502</b>	<b>8 616 866</b>	<b>9 170 116</b>	<b>9 054 580</b>	<b>9 559 334</b>	<b>9 953 235</b>	<b>10 600 793</b>
Consumption of fixed capital	1 248 939	1 374 493	1 508 513	1 617 331	1 691 326	1 764 795	1 857 084
Net taxes on production and imports	692 614	689 057	686 329	625 955	677 735	671 483	753 476

Notes : To sum items is infeasible by Chained Dollars.

**gross domestic product**

Million NT\$

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Prices</b>									
1 845 565	1 854 009	1 922 075	1 991 181	2 055 721	2 098 717	2 167 595	2 254 282	2 226 226	2 330 700
6 784 327	6 947 802	7 197 916	7 260 169	7 175 511	7 497 682	7 798 976	8 035 105	8 249 261	8 555 138
33 556	47 643	16 361	171 594	- 181 488	188 764	35 921	22 029	- 11 209	54 064
2 924 286	3 063 352	3 205 121	3 045 433	2 761 737	3 335 881	3 346 945	3 282 131	3 371 155	3 471 557
7 329 793	8 316 084	9 349 494	9 230 775	7 827 336	10 013 538	10 419 700	10 345 375	10 580 252	11 271 704
6 825 273	7 588 087	8 283 905	8 548 202	6 677 161	9 015 369	9 456 937	9 252 005	9 194 484	9 599 160
<b>12 092 254</b>	<b>12 640 803</b>	<b>13 407 062</b>	<b>13 150 950</b>	<b>12 961 656</b>	<b>14 119 213</b>	<b>14 312 200</b>	<b>14 686 917</b>	<b>15 221 201</b>	<b>16 084 003</b>
<b>Dollars</b>									
1 976 748	1 964 273	2 007 528	2 038 445	2 104 036	2 126 124	2 167 595	2 214 447	2 188 895	2 269 630
7 111 080	7 238 671	7 413 894	7 288 331	7 289 398	7 563 285	7 798 976	7 940 907	8 127 522	8 367 610
33 677	42 769	16 971	166 513	- 193 262	196 426	35 921	19 020	- 33 809	56 613
3 410 015	3 461 994	3 501 589	3 111 807	2 837 726	3 385 791	3 346 945	3 259 477	3 421 715	3 484 801
7 024 327	7 823 471	8 640 956	8 688 819	7 957 049	9 999 951	10 419 700	10 462 131	10 829 836	11 468 411
8 283 234	8 669 515	8 920 001	8 551 194	7 420 843	9 500 588	9 456 937	9 288 413	9 598 630	10 150 328
<b>11 174 918</b>	<b>11 803 335</b>	<b>12 572 550</b>	<b>12 661 079</b>	<b>12 462 729</b>	<b>13 787 642</b>	<b>14 312 200</b>	<b>14 607 569</b>	<b>14 933 673</b>	<b>15 496 845</b>

**domestic product**

Million NT\$

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Prices</b>									
...	...	5 933 100	6 025 652	5 779 248	6 165 437	6 463 779	6 610 923	6 718 339	} 12 373 099
...	...	4 615 418	4 152 383	4 182 474	4 871 013	4 663 407	4 653 419	5 033 247	
1 702 244	1 835 135	1 976 426	2 165 597	2 235 344	2 309 958	2 409 901	2 485 583	2 474 738	2 505 186
783 669	778 869	790 544	766 863	727 981	832 757	880 053	881 226	920 170	} 879 583
72 590	71 959	80 869	97 675	118 368	104 418	104 940	106 651	100 823	
...	...	172 443	138 130	154 977	44 466	0	162 417	175 530	326 135
<b>12 092 254</b>	<b>12 640 803</b>	<b>13 407 062</b>	<b>13 150 950</b>	<b>12 961 656</b>	<b>14 119 213</b>	<b>14 312 200</b>	<b>14 686 917</b>	<b>15 221 201</b>	<b>16 084 003</b>
<b>Dollars</b>									
<b>11 174 918</b>	<b>11 803 335</b>	<b>12 572 550</b>	<b>12 661 079</b>	<b>12 462 729</b>	<b>13 787 642</b>	<b>14 312 200</b>	<b>14 607 569</b>	<b>14 933 673</b>	<b>15 496 845</b>
1 961 694	2 065 467	2 164 799	2 241 619	2 284 981	2 338 548	2 409 901	2 465 948	2 519 688	2 527 380
761 668	755 416	749 957	690 486	629 664	747 583	775 113	769 850	809 342	854 547

Table 96. Gross domestic

Item	2000	2001	2002	2003	2004	2005
						<b>at current</b>
Agriculture, forestry, fishing and animal husbandry	...	...	...	...	...	...
Mining and quarrying	...	...	...	...	...	...
Manufacturing	...	...	...	...	...	...
Electricity and gas supply	...	...	...	...	...	...
Water supply and remediation services	...	...	...	...	...	...
Construction	...	...	...	...	...	...
Wholesale and retail trade	...	...	...	...	...	...
Transportation and storage	...	...	...	...	...	...
Accommodation and food services	...	...	...	...	...	...
Information and communication	...	...	...	...	...	...
Finance and insurance	...	...	...	...	...	...
Real estate and ownership of dwellings	...	...	...	...	...	...
Professional, scientific and technical services	...	...	...	...	...	...
Support services	...	...	...	...	...	...
Public administration and defence; compulsory social security	...	...	...	...	...	...
Education	...	...	...	...	...	...
Human health and social work services	...	...	...	...	...	...
Arts, entertainment and recreation	...	...	...	...	...	...
Other services	...	...	...	...	...	...
<b>Subtotal</b>	...	...	...	...	...	...
Plus : Import duties	...	...	...	...	...	...
Plus : Value-added tax	...	...	...	...	...	...
<b>Total(by production approach)</b>	...	...	...	...	...	...
Plus : Statistical discrepancy	...	...	...	...	...	...
<b>Gross domestic product</b>	...	...	...	...	...	...

Table 97. National disposable

Item	2000	2001	2002	2003	2004	2005
Government final consumption expenditure	1 623 899	1 696 642	1 749 798	1 752 027	1 802 664	1 845 565
Private final consumption expenditure	5 706 268	5 756 645	5 953 938	6 100 329	6 490 958	6 784 327
Saving	1 831 555	1 470 146	1 741 217	1 871 727	1 976 614	1 913 552
<b>Appropriation of disposable income</b>	<b>9 161 722</b>	<b>8 923 433</b>	<b>9 444 953</b>	<b>9 724 083</b>	<b>10 270 236</b>	<b>10 543 444</b>
Compensation of employees	...	...	...	...	...	...
Operating surplus	...	...	...	...	...	...
Compensation of employees from ROW, net	- 14 681	- 12 680	- 10 857	- 12 390	- 9 660	- 7 433
Property and entrepreneurial income from ROW, net	154 239	204 704	253 359	341 263	381 759	298 299
Taxes on production and imports	706 491	671 562	708 378	701 168	756 256	783 669
Less : subsidies	44 652	66 211	54 768	64 116	61 790	72 590
Other current transfers from ROW, net	- 81 506	- 92 466	- 86 451	- 93 940	- 128 483	- 137 432
<b>Disposable income</b>	<b>9 161 722</b>	<b>8 923 433</b>	<b>9 444 953</b>	<b>9 724 083</b>	<b>10 270 236</b>	<b>10 543 444</b>

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

## product by kind of activity

Million NT\$

2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>prices</b>								
...	191 886	201 656	215 109	224 828	245 783	242 400	255 782	296 110
...	21 279	21 647	17 042	18 415	17 174	15 500	15 597	16 879
...	3 916 754	3 678 114	3 484 377	4 122 165	4 102 225	4 120 882	4 269 190	4 585 000
...	134 882	39 959	187 971	182 902	126 013	134 895	203 682	242 132
...	91 249	90 877	88 880	95 785	96 943	100 937	99 617	96 661
...	340 688	344 736	318 130	365 259	383 053	384 523	407 098	430 805
...	2 207 831	2 251 642	2 180 030	2 346 794	2 443 613	2 451 902	2 545 181	2 596 777
...	398 123	379 770	357 779	423 989	398 441	416 669	422 092	453 921
...	266 518	274 529	280 548	300 588	329 048	348 795	375 142	398 406
...	424 288	434 811	440 195	458 177	461 781	462 034	462 587	459 569
...	943 559	912 842	797 605	871 744	915 039	932 853	970 154	1 041 714
...	1 115 934	1 127 873	1 161 762	1 196 515	1 211 679	1 241 814	1 282 170	1 300 596
...	281 682	284 988	287 944	305 008	314 750	325 909	338 852	346 115
...	174 186	185 482	180 568	194 900	204 890	217 205	229 830	238 989
...	947 340	988 665	994 245	1 034 284	1 054 319	1 076 339	1 060 854	1 070 550
...	628 363	624 905	642 711	650 400	667 152	684 735	684 152	687 718
...	353 984	365 507	383 452	394 934	410 855	430 373	445 009	456 323
...	102 195	106 098	111 460	117 075	123 269	127 070	132 697	136 669
...	333 112	344 835	353 271	369 198	379 268	391 440	399 659	421 616
...	<b>12 873 853</b>	<b>12 658 936</b>	<b>12 483 079</b>	<b>13 672 960</b>	<b>13 885 295</b>	<b>14 106 275</b>	<b>14 599 345</b>	<b>15 276 550</b>
...	138 046	132 563	117 195	152 107	162 751	157 516	164 893	181 306
...	222 720	221 321	206 405	249 680	264 154	260 709	281 433	300 012
...	13 234 619	13 012 820	12 806 679	14 074 747	14 312 200	14 524 500	15 045 671	15 757 868
...	172 443	138 130	154 977	44 466	-	162 417	175 530	326 135
...	<b>13 407 062</b>	<b>13 150 950</b>	<b>12 961 656</b>	<b>14 119 213</b>	<b>14 312 200</b>	<b>14 686 917</b>	<b>15 221 201</b>	<b>16 084 003</b>

## income and its appropriation

Million NT\$

2006	2007	2008	2009	2010	2011	2012	2013	2014
1 854 009	1 922 075	1 991 181	2 055 721	2 098 717	2 167 595	2 254 282	2 226 226	2 330 700
6 947 802	7 197 916	7 260 169	7 175 511	7 497 682	7 798 976	8 035 105	8 249 261	8 555 138
2 187 008	2 346 041	1 822 275	1 682 893	2 511 857	2 214 998	2 125 437	2 430 906	2 752 086
<b>10 988 819</b>	<b>11 466 032</b>	<b>11 073 625</b>	<b>10 914 125</b>	<b>12 108 256</b>	<b>12 181 569</b>	<b>12 414 824</b>	<b>12 906 393</b>	<b>13 637 924</b>
...	5 933 100	6 025 652	5 779 248	6 165 437	6 463 779	6 610 923	6 718 339	} 12 373 099
...	4 615 418	4 152 383	4 182 474	4 871 013	4 663 407	4 653 419	5 033 247	
- 3 611	- 427	- 600	1 752	1 424	1 533	4 620	8 246	10 325
315 310	333 193	315 246	412 242	428 215	386 839	449 571	416 764	459 934
778 869	790 544	766 863	727 981	832 757	880 053	881 226	920 170	} 879 583
71 959	80 869	97 675	118 368	104 418	104 940	106 651	100 823	
- 128 548	- 124 927	- 88 244	- 71 204	- 86 172	- 109 102	- 78 284	- 89 550	- 85 017
<b>10 988 819</b>	<b>11 466 032</b>	<b>11 073 625</b>	<b>10 914 125</b>	<b>12 108 256</b>	<b>12 181 569</b>	<b>12 414 824</b>	<b>12 906 393</b>	<b>13 637 924</b>

Table 98. Capital

Item	1998	1999	2000	2001	2002	2003
Changes in inventories	88 514	57 327	92 504	- 62 876	- 43 829	12 250
Gross fixed capital formation	2 482 879	2 540 878	2 722 595	2 238 591	2 285 679	2 365 673
Acquisition less disposal of nonproduced, nonfinancial assets from ROW, net <sup>1</sup>	...	...	...	...	...	621
Net lending to the rest of the world	...	...	...	...	...	967 522
<b>Gross accumulation</b>	...	...	...	...	...	<b>3 346 066</b>
Saving, net	1 625 224	1 694 543	1 831 555	1 470 146	1 741 217	1 871 727
Consumption of fixed capital	1 051 146	1 148 411	1 247 590	1 334 334	1 391 981	1 476 716
Capital transfers from ROW, net	...	...	...	...	...	- 2 377
Plus : Statistical discrepancy	...	...	...	...	...	...
<b>Finance of gross accumulation</b>	...	...	...	...	...	<b>3 346 066</b>

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

Table 99. External

Item	1999	2000	2001	2002	2003	2004
Exports of goods and services	4 554 722	5 373 337	4 942 685	5 427 124	5 924 171	6 982 430
Compensation of employees from ROW	9 197	8 558	8 115	7 677	7 435	7 755
Property and entrepreneurial income from ROW	215 564	277 742	307 259	349 662	439 702	509 847
Other current transfers from ROW	100 711	99 659	87 804	90 464	91 815	105 983
<b>Current receipts</b>	<b>4 880 194</b>	<b>5 759 296</b>	<b>5 345 863</b>	<b>5 874 927</b>	<b>6 463 123</b>	<b>7 606 015</b>
Imports of goods and services	4 325 339	5 167 343	4 413 478	4 691 827	5 188 584	6 580 684
Compensation of employees to ROW	21 944	23 239	20 795	18 534	19 825	17 415
Property and entrepreneurial income to ROW	112 299	123 503	102 555	96 303	98 439	128 088
Other current transfers to ROW	175 863	181 165	180 270	176 915	185 755	234 466
<b>Disposal of current receipts</b>	<b>4 635 445</b>	<b>5 495 250</b>	<b>4 717 098</b>	<b>4 983 579</b>	<b>5 492 603</b>	<b>6 960 653</b>
<b>Surplus of the nation on current transactions</b>	<b>244 749</b>	<b>264 046</b>	<b>628 765</b>	<b>891 348</b>	<b>970 520</b>	<b>645 362</b>

## finance

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
100 568	33 556	47 643	16 361	171 594	- 181 488	188 764	35 921	22 029	- 11 209
2 853 709	2 924 286	3 063 352	3 205 121	3 045 433	2 761 737	3 335 881	3 346 945	3 282 131	3 371 155
67	1 481	2 053	823	8 479	1 651	1 549	1 059	712	- 1 980
642 781	654 188	907 303	1 270 270	898 486	1 489 795	1 337 969	1 238 532	1 466 815	1 721 396
<b>3 597 125</b>	<b>3 613 511</b>	<b>4 020 351</b>	<b>4 492 575</b>	<b>4 123 992</b>	<b>4 071 695</b>	<b>4 864 163</b>	<b>4 622 457</b>	<b>4 771 687</b>	<b>5 079 362</b>
1 976 614	1 913 552	2 187 008	2 346 041	1 822 275	1 682 893	2 511 857	2 214 998	2 125 437	2 430 906
1 623 025	1 702 244	1 835 135	1 976 426	2 165 597	2 235 344	2 309 958	2 409 901	2 485 583	2 474 738
- 2 514	- 2 285	- 1 792	- 2 335	- 2 010	- 1 519	- 2 118	- 2 442	- 1 750	- 1 812
...	...	...	172 443	138 130	154 977	44 466	0	162 417	175 530
<b>3 597 125</b>	<b>3 613 511</b>	<b>4 020 351</b>	<b>4 492 575</b>	<b>4 123 992</b>	<b>4 071 695</b>	<b>4 864 163</b>	<b>4 622 457</b>	<b>4 771 687</b>	<b>5 079 362</b>

## transactions

Million NT\$

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
7 329 793	8 316 084	9 349 494	9 230 775	7 827 336	10 013 538	10 419 700	10 345 375	10 580 252	11 271 704
8 560	9 597	11 495	11 478	12 429	12 849	14 941	16 733	18 964	20 592
551 162	619 526	760 316	722 539	660 294	723 418	716 863	748 337	735 790	902 233
111 246	124 679	153 743	173 163	161 467	165 538	162 699	160 900	182 166	199 024
<b>8 000 761</b>	<b>9 069 886</b>	<b>10 275 048</b>	<b>10 137 955</b>	<b>8 661 526</b>	<b>10 915 343</b>	<b>11 314 203</b>	<b>11 271 345</b>	<b>11 517 172</b>	<b>12 393 553</b>
6 825 273	7 588 087	8 283 905	8 548 202	6 677 161	9 015 369	9 456 937	9 252 005	9 194 484	9 599 160
15 993	13 208	11 922	12 078	10 677	11 425	13 408	12 113	10 718	10 267
252 863	304 216	427 123	407 293	248 052	295 203	330 024	298 766	319 026	442 299
248 678	253 227	278 670	261 407	232 671	251 710	271 801	239 184	271 716	284 041
<b>7 342 807</b>	<b>8 158 738</b>	<b>9 001 620</b>	<b>9 228 980</b>	<b>7 168 561</b>	<b>9 573 707</b>	<b>10 072 170</b>	<b>9 802 068</b>	<b>9 795 944</b>	<b>10 335 767</b>
<b>657 954</b>	<b>911 148</b>	<b>1 273 428</b>	<b>908 975</b>	<b>1 492 965</b>	<b>1 341 636</b>	<b>1 242 033</b>	<b>1 469 277</b>	<b>1 721 228</b>	<b>2 057 786</b>

Table 100. Government final

Item	2004	2005	2006	2007
<b>By function</b>				
1. General public services	193 000	197 815	180 978	181 498
2. Defence	268 709	256 819	240 813	249 572
3. Public order and safety	142 618	151 002	155 937	158 038
4. Economic affairs	172 068	179 816	186 810	203 760
5. Environmental protection	39 126	35 095	41 176	42 529
6. Housing and community amenities	18 817	19 798	16 439	20 062
7. Health	385 258	403 177	417 805	436 411
8. Recreation, culture, and religion	21 803	22 549	25 235	22 815
9. Education	337 545	351 074	360 633	375 261
10. Social protection	223 720	228 420	228 183	232 129
<b>Government final consumption expenditure</b>	<b>1 802 664</b>	<b>1 845 565</b>	<b>1 854 009</b>	<b>1 922 075</b>

Notes : This table is compiled according to the Classification of the Functions of Government (COFOG) by IMF's Government Finance Statistics Manual 2014 edition.

Table 101. Private final consumption expenditure

Item	2004	2005	2006	2007
<b>Private final consumption expenditure</b>	<b>6 490 958</b>	<b>6 784 327</b>	<b>6 947 802</b>	<b>7 197 916</b>
<b>By purpose</b>				
<b>A. Final consumption expenditure of households</b>	<b>6 402 911</b>	<b>6 688 973</b>	<b>6 849 695</b>	<b>7 105 722</b>
1. Food and non-alcoholic beverages	797 963	862 192	884 503	912 406
2. Alcoholic beverages and tobacco	158 716	157 727	169 734	172 319
3. Clothing and footwear	321 064	318 424	309 514	321 333
4. Housing, water, electricity, gas and other fuels	1 187 846	1 218 798	1 253 091	1 294 093
5. Furnishings, household equipment and routine household maintenance	322 012	343 662	363 782	376 806
6. Health	248 877	271 054	278 092	290 533
7. Transport	767 816	837 778	820 439	832 417
8. Communication	264 907	270 927	266 865	273 446
9. Recreation and culture	571 089	595 717	630 815	655 995
10. Education	336 690	341 555	345 652	348 014
11. Restaurants and hotels	414 931	448 214	475 459	506 024
12. Miscellaneous goods and services	1 011 000	1 022 925	1 051 749	1 122 336
<b>B. Final consumption expenditure of NPISHs</b>	<b>88 047</b>	<b>95 354</b>	<b>98 107</b>	<b>92 194</b>
<b>By type</b>				
A. Durable goods	803 519	864 199	811 338	824 443
B. Semi-durable goods	737 250	751 347	761 984	767 899
C. Non-durable goods	1 586 200	1 687 512	1 773 247	1 823 913
D. Services	3 363 989	3 481 269	3 601 233	3 781 661
<b>Private actual final consumption</b>	<b>7 409 682</b>	<b>7 735 259</b>	<b>7 911 563</b>	<b>8 194 588</b>
A. Private final consumption expenditure	6 490 958	6 784 327	6 947 802	7 197 916
B. Individual consumption expenditure of government	918 724	950 932	963 761	996 672



**consumption expenditure**

Million NT\$

2008	2009	2010	2011	2012	2013
188 446	179 346	180 124	185 740	194 525	186 557
266 844	279 893	278 341	290 612	303 301	282 888
164 185	167 199	172 668	182 280	180 812	180 892
220 512	226 612	237 836	242 502	248 374	244 590
43 304	45 080	46 522	50 288	47 311	43 145
14 898	21 706	20 494	16 709	22 021	20 472
453 112	481 903	496 529	509 747	532 242	553 698
26 665	31 145	30 327	31 840	35 547	34 413
388 583	405 915	427 734	449 305	471 084	467 768
224 632	216 922	208 142	208 572	219 065	211 803
<b>1 991 181</b>	<b>2 055 721</b>	<b>2 098 717</b>	<b>2 167 595</b>	<b>2 254 282</b>	<b>2 226 226</b>

**and private actual final consumption**

Million NT\$

2008	2009	2010	2011	2012	2013
<b>7 260 169</b>	<b>7 175 511</b>	<b>7 497 682</b>	<b>7 798 976</b>	<b>8 035 105</b>	<b>8 249 261</b>
<b>7 157 351</b>	<b>7 069 186</b>	<b>7 387 047</b>	<b>7 698 364</b>	<b>7 933 743</b>	<b>8 144 508</b>
962 111	964 465	992 157	1 032 640	1 110 221	1 156 031
175 272	179 645	190 304	197 686	200 371	197 045
324 187	327 340	338 276	350 721	356 763	358 766
1 331 889	1 351 097	1 381 965	1 413 175	1 434 848	1 472 558
377 183	360 008	372 290	389 494	393 562	399 374
300 017	306 836	314 964	321 600	326 679	335 469
823 663	819 058	907 134	999 139	1 037 201	1 085 568
278 186	280 892	287 916	310 289	318 989	314 572
651 688	621 246	644 508	668 056	687 184	699 436
348 909	347 908	347 192	350 091	346 559	338 566
524 884	534 462	588 796	651 555	679 215	697 838
1 059 362	976 229	1 021 545	1 013 918	1 042 151	1 089 285
<b>102 818</b>	<b>106 325</b>	<b>110 635</b>	<b>100 612</b>	<b>101 362</b>	<b>104 753</b>
792 704	781 454	822 100	897 371	915 546	939 936
762 794	739 248	746 358	755 952	765 954	769 880
1 904 557	1 894 757	1 988 802	2 084 238	2 184 036	2 250 569
3 800 114	3 760 052	3 940 422	4 061 415	4 169 569	4 288 876
<b>8 277 566</b>	<b>8 218 426</b>	<b>8 558 435</b>	<b>8 890 972</b>	<b>9 174 681</b>	<b>9 405 419</b>
7 260 169	7 175 511	7 497 682	7 798 976	8 035 105	8 249 261
1 017 397	1 042 915	1 060 753	1 091 996	1 139 576	1 156 158

Table 102. Gross capital

Item	1999	2000	2001	2002	2003
	<b>At Current</b>				
<b>A. By type of capital goods</b>					
a. Gross fixed capital formation	2 540 878	2 722 595	2 238 591	2 285 679	2 365 673
1. Residential building	178 588	166 965	141 932	167 377	159 315
2. Non-residential building	381 620	379 171	349 552	381 527	389 108
3. Other construction except land improvement	447 384	427 953	362 255	356 636	345 973
4. Land improvement and plantation and orchard development	23 850	24 991	30 484	21 481	27 659
5. Transport equipment	146 452	161 456	168 276	141 099	133 753
6. Machinery and equipment	1 062 696	1 233 259	854 403	853 519	918 478
7. Breeding stock, draught animals, dairy cattle and the like	3 929	2 251	562	941	2 073
8. Intellectual property products	296 359	326 549	331 127	363 099	389 314
b. Changes in inventories	57 327	92 504	- 62 876	- 43 829	12 250
<b>Gross capital formation</b>	<b>2 598 205</b>	<b>2 815 099</b>	<b>2 175 715</b>	<b>2 241 850</b>	<b>2 377 923</b>
<b>B. By kind of activity</b>					
a. Gross fixed capital formation	2 540 878	2 722 595	2 238 591	2 285 679	2 365 673
1. Agriculture, forestry, fishing and animal husbandry	26 501	16 048	17 867	16 086	16 656
2. Mining and quarrying	4 225	3 908	2 957	2 505	2 608
3. Manufacturing	885 415	1 134 589	811 028	839 757	912 871
4. Electricity and gas supply	159 778	142 621	131 731	124 770	130 605
5. Water supply and remediation services	14 899	12 463	12 260	14 247	13 417
6. Construction	22 857	23 890	19 734	20 706	19 370
7. Wholesale and retail trade	120 518	122 910	107 226	115 587	128 097
8. Transportation and storage	109 139	116 454	126 356	144 106	158 642
9. Accommodation and food services	19 409	20 130	17 025	17 148	18 324
10. Information and communication	135 649	141 907	125 136	118 413	96 186
11. Finance and insurance	109 999	86 773	81 464	82 264	79 059
12. Real estate and dwellings services	214 471	200 530	170 555	197 561	190 743
13. Professional, scientific and technical services	35 207	33 947	34 432	39 114	46 712
14. Support services	20 981	23 494	16 399	17 909	17 436
15. Public administration and defence; compulsory social security	508 488	492 192	452 990	409 353	399 937
16. Education	77 561	73 603	53 063	56 031	60 540
17. Human health and social work services	40 676	37 382	28 480	35 699	41 160
18. Arts, entertainment and recreation	21 608	23 676	9 624	17 983	17 572
19. Other services	13 497	16 078	20 264	16 440	15 738
b. Changes in inventories	57 327	92 504	- 62 876	- 43 829	12 250
<b>Gross capital formation</b>	<b>2 598 205</b>	<b>2 815 099</b>	<b>2 175 715</b>	<b>2 241 850</b>	<b>2 377 923</b>
<b>C. By owner</b>					
a. Gross fixed capital formation	2 540 878	2 722 595	2 238 591	2 285 679	2 365 673
1. Private enterprises	1 692 572	1 912 030	1 476 445	1 574 934	1 657 638
2. Public enterprises	261 293	247 092	247 080	238 222	231 544
3. General government	587 013	563 473	515 066	472 523	476 491
b. Changes in inventories	57 327	92 504	- 62 876	- 43 829	12 250
1. Private enterprises	38 501	86 990	- 53 040	- 53 490	21 077
2. Public enterprises	18 826	5 514	- 9 836	9 661	- 8 827
<b>Gross capital formation</b>	<b>2 598 205</b>	<b>2 815 099</b>	<b>2 175 715</b>	<b>2 241 850</b>	<b>2 377 923</b>

## formation

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Prices</b>									
2 853 709	2 924 286	3 063 352	3 205 121	3 045 433	2 761 737	3 335 881	3 346 945	3 282 131	3 371 155
189 478	183 288	194 880	216 173	215 644	167 574	230 636	347 601	378 597	317 329
479 981	497 141	578 257	605 488	572 455	443 748	546 009	576 576	588 126	671 817
377 272	401 231	391 704	396 742	445 050	452 583	436 965	362 779	317 675	320 745
25 620	25 528	29 681	29 672	39 089	33 197	42 135	27 718	24 376	25 900
162 776	213 793	165 141	164 264	120 799	127 675	173 436	178 597	184 161	185 798
1 197 071	1 156 912	1 223 670	1 283 647	1 109 804	968 138	1 289 776	1 210 958	1 121 030	1 147 387
1 816	1 771	1 484	496	1 028	420	386	514	430	572
419 695	444 622	478 535	508 639	541 564	568 402	616 538	642 202	667 736	701 607
100 568	33 556	47 643	16 361	171 594	- 181 488	188 764	35 921	22 029	- 11 209
<b>2 954 277</b>	<b>2 957 842</b>	<b>3 110 995</b>	<b>3 221 482</b>	<b>3 217 027</b>	<b>2 580 249</b>	<b>3 524 645</b>	<b>3 382 866</b>	<b>3 304 160</b>	<b>3 359 946</b>
2 853 709	2 924 286	3 063 352	3 205 121	3 045 433	2 761 737	3 335 881	3 346 945	3282131	3371155
13 077	16 986	13 640	8 070	9 705	11 032	15 553	8 896	16739	17345
1 900	2 318	2 336	2 697	2 506	2 531	2 535	2 468	2390	3557
1 264 882	1 276 000	1 419 939	1 545 012	1 359 359	1 099 424	1 546 034	1 505 322	1429644	1551101
124 767	143 167	146 327	150 024	161 200	150 172	154 589	128 135	118205	121372
10 962	12 579	14 161	14 958	16 842	22 637	23 945	19 506	20223	17536
21 404	22 844	24 194	26 389	25 869	24 838	26 741	24 109	24545	25490
159 428	171 703	182 999	181 807	189 947	184 456	190 884	182 095	174237	182568
199 784	210 556	156 615	146 925	83 203	82 512	108 415	114 266	112538	132357
19 857	25 978	32 478	32 947	36 581	34 141	38 742	46 556	50054	54428
96 412	76 994	78 825	78 197	90 889	80 180	83 646	86 034	96670	126002
88 005	89 343	93 792	79 710	84 919	89 108	86 850	94 523	139175	99930
232 494	230 360	253 965	282 724	277 275	215 245	299 790	379 156	414133	355807
51 012	50 590	53 518	55 794	59 772	67 304	67 482	69 539	74090	73512
19 076	25 006	27 394	31 320	29 361	30 006	40 801	51 792	52576	51956
407 149	424 858	402 858	408 867	454 450	500 660	494 596	459 913	407664	391959
63 902	64 989	71 779	73 156	74 349	76 729	70 419	84 124	74610	84367
47 229	51 327	61 399	59 899	63 314	67 465	63 821	69 286	51966	53013
16 199	14 232	11 874	12 233	13 361	13 394	11 569	11 406	12545	18277
16 170	14 456	15 259	14 392	12 531	9 903	9 469	9 819	10127	10578
100 568	33 556	47 643	16 361	171 594	- 181 488	188 764	35 921	22 029	- 11 209
<b>2 954 277</b>	<b>2 957 842</b>	<b>3 110 995</b>	<b>3 221 482</b>	<b>3 217 027</b>	<b>2 580 249</b>	<b>3 524 645</b>	<b>3 382 866</b>	<b>3 304 160</b>	<b>3 359 946</b>
2 853 709	2 924 286	3 063 352	3 205 121	3 045 433	2 761 737	3 335 881	3 346 945	3 282 131	3 371 155
2 175 729	2 211 671	2 380 410	2 501 225	2 284 331	1 935 945	2 496 978	2 558 491	2 567 030	2 677 103
193 363	213 916	200 699	209 930	217 618	231 018	249 845	219 898	204 125	200 431
484 617	498 699	482 243	493 966	543 484	594 774	589 058	568 556	510 976	493 621
100 568	33 556	47 643	16 361	171 594	- 181 488	188 764	35 921	22 029	- 11 209
95 367	26 577	25 264	1 788	149 810	- 198 641	194 677	34 476	- 3 598	6 137
5 201	6 979	22 379	14 573	21 784	17 153	- 5 913	1 445	25 627	- 17 346
<b>2 954 277</b>	<b>2 957 842</b>	<b>3 110 995</b>	<b>3 221 482</b>	<b>3 217 027</b>	<b>2 580 249</b>	<b>3 524 645</b>	<b>3 382 866</b>	<b>3 304 160</b>	<b>3 359 946</b>

Table 102. Gross capital

Item	1999	2000	2001	2002	2003
	<b>Chained (2011)</b>				
<b>A. By type of capital goods</b>					
a. Gross fixed capital formation	3 144 370	3 411 605	2 817 001	2 867 682	2 901 649
1. Residential building	267 850	251 714	216 059	249 567	226 905
2. Non-residential building	576 315	575 276	535 107	571 481	556 648
3. Other construction except land improvement	694 925	666 935	567 948	545 753	504 574
4. Land improvement and plantation and orchard development	37 281	39 209	48 131	33 113	40 626
5. Transport equipment	172 026	186 753	184 618	155 646	145 404
6. Machinery and equipment	1 155 490	1 382 736	974 728	990 212	1 054 288
7. Breeding stock, draught animals, dairy cattle and the like	4 256	2 514	641	1 092	2 379
8. Intellectual property products	329 047	355 990	356 931	389 925	419 090
b. Changes in inventories	80 306	98 430	- 75 925	- 46 186	12 710
<b>Gross capital formation</b>	<b>3 217 681</b>	<b>3 507 583</b>	<b>2 707 204</b>	<b>2 791 517</b>	<b>2 897 699</b>
<b>B. By kind of activity</b>					
a. Gross fixed capital formation	3 144 370	3 411 605	2 817 001	2 867 682	2 901 649
1. Agriculture, forestry, fishing and animal husbandry	34 119	20 922	23 432	20 925	20 980
2. Mining and quarrying	4 608	4 304	3 260	2 793	2 881
3. Manufacturing	1 029 310	1 343 163	971 864	1 009 837	1 080 787
4. Electricity and gas supply	180 237	165 387	154 324	148 034	152 955
5. Water supply and remediation services	17 091	14 656	14 533	17 088	15 847
6. Construction	27 143	28 784	23 644	24 943	22 951
7. Wholesale and retail trade	147 332	150 758	130 438	140 734	153 623
8. Transportation and storage	144 589	154 103	160 988	181 628	193 626
9. Accommodation and food services	22 812	23 802	19 963	20 177	21 356
10. Information and communication	152 885	162 485	144 904	137 446	110 268
11. Finance and insurance	123 551	98 136	91 911	93 400	89 730
12. Real estate and dwellings services	319 075	299 787	257 267	292 183	269 995
13. Professional, scientific and technical services	40 136	38 653	38 892	43 983	51 885
14. Support services	24 189	27 090	18 096	19 883	19 093
15. Public administration and defence; compulsory social security	729 333	709 742	656 189	582 810	547 638
16. Education	100 139	95 873	69 401	72 556	76 331
17. Human health and social work services	52 215	48 425	37 311	46 389	52 038
18. Arts, entertainment and recreation	28 474	31 500	13 086	23 970	22 709
19. Other services	17 452	21 020	26 643	21 553	20 078
b. Changes in inventories	80 306	98 430	- 75 925	- 46 186	12 710
<b>Gross capital formation</b>	<b>3 217 681</b>	<b>3 507 583</b>	<b>2 707 204</b>	<b>2 791 517</b>	<b>2 897 699</b>
<b>C. By owner</b>					
a. Gross fixed capital formation	3 144 370	3 411 605	2 817 001	2 867 682	2 901 649
1. Private enterprises	2 052 073	2 350 075	1 821 947	1 942 282	2 004 571
2. Public enterprises	304 988	294 143	296 150	287 367	274 653
3. General government	817 480	788 850	723 728	653 594	635 758
b. Changes in inventories	80 306	98 430	- 75 925	- 46 186	12 710
1. Private enterprises	71 705	117 196	- 39 971	- 56 834	21 422
2. Public enterprises	20 372	5 362	- 10 502	10 920	- 7 629
<b>Gross capital formation</b>	<b>3 217 681</b>	<b>3 507 583</b>	<b>2 707 204</b>	<b>2 791 517</b>	<b>2 897 699</b>

## formation (continued)

Million NT\$

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>Dollars</b>									
3 305 326	3 410 015	3 461 994	3 501 589	3 111 807	2 837 726	3 385 791	3 346 945	3 259 477	3 421 715
236 431	227 180	225 189	234 201	210 404	176 058	237 210	347 601	377 599	317 302
601 511	618 971	670 819	657 611	559 330	466 614	561 403	576 576	585 835	670 783
482 211	510 017	462 721	436 570	436 609	476 104	448 403	362 779	314 556	317 746
32 980	32 687	35 284	32 789	38 361	34 920	43 220	27 718	24 112	25 617
172 906	227 210	174 190	171 946	125 384	130 666	175 606	178 597	182 485	183 690
1 350 570	1 341 451	1 410 090	1 455 382	1 204 490	977 852	1 299 411	1 210 958	1 109 576	1 214 545
2 049	2 053	1 710	562	1 119	424	388	514	425	605
449 741	470 417	502 906	530 943	547 515	577 316	619 205	642 202	664 889	691 130
86 782	33 677	42 769	16 971	166 513	- 193 262	196 426	35 921	19 020	- 33 809
<b>3 388 604</b>	<b>3 431 718</b>	<b>3 494 305</b>	<b>3 504 884</b>	<b>3 278 094</b>	<b>2 639 406</b>	<b>3 585 438</b>	<b>3 382 866</b>	<b>3 278 497</b>	<b>3 388 076</b>
3 305 326	3 410 015	3 461 994	3 501 589	3 111 807	2 837 726	3 385 791	3 346 945	3 259 477	3 421 715
15 197	19 896	15 395	8 657	9 599	11 351	15 851	8 896	16 620	17 538
2 038	2 487	2 474	2 872	2 658	2 578	2 592	2 468	2 455	3 821
1 442 760	1 473 702	1 605 266	1 702 757	1 412 839	1 119 011	1 559 332	1 505 322	1 418 292	1 585 509
142 866	167 884	169 302	169 782	172 329	153 022	156 954	128 135	117 862	128 384
12 552	14 689	16 290	16 828	17 892	23 082	24 329	19 506	20 161	18 398
24 229	26 034	26 872	28 469	26 393	25 491	27 180	24 109	24 383	25 918
181 627	196 482	203 222	195 391	191 298	189 381	193 884	182 095	173 190	184 040
225 340	237 219	169 232	153 893	84 344	84 421	110 037	114 266	111 596	132 429
22 197	29 120	35 665	35 181	37 201	34 963	39 268	46 556	49 756	54 925
107 464	87 253	88 261	85 859	95 644	81 233	84 173	86 034	95 847	129 175
96 776	98 331	100 934	83 720	85 644	91 156	87 889	94 523	138 638	100 471
289 328	284 812	293 138	306 260	270 969	226 004	308 228	379 156	413 003	355 936
55 785	55 120	58 038	59 702	61 996	69 077	68 748	69 539	73 690	74 118
20 305	26 743	28 969	32 803	30 370	30 275	41 143	51 792	52 101	51 804
504 221	524 629	469 948	450 055	453 156	524 152	506 730	459 913	403 695	389 894
75 214	76 806	81 844	80 175	75 501	79 500	71 892	84 124	74 050	85 346
55 565	60 693	69 729	65 371	64 606	69 435	64 845	69 286	51 613	54 431
19 344	16 998	13 588	13 316	13 357	13 888	11 812	11 406	12 467	18 392
19 294	17 231	17 464	15 725	12 662	10 182	9 621	9 819	10 058	10 745
86 782	33 677	42 769	16 971	166 513	- 193 262	196 426	35 921	19 020	- 33 809
<b>3 388 604</b>	<b>3 431 718</b>	<b>3 494 305</b>	<b>3 504 884</b>	<b>3 278 094</b>	<b>2 639 406</b>	<b>3 585 438</b>	<b>3 382 866</b>	<b>3 278 497</b>	<b>3 388 076</b>
3 305 326	3 410 015	3 461 994	3 501 589	3 111 807	2 837 726	3 385 791	3 346 945	3 259 477	3 421 715
2 497 358	2 558 002	2 674 854	2 725 161	2 339 443	1 980 938	2 528 221	2 558 491	2 549 613	2 719 585
221 488	249 765	230 451	235 531	230 871	236 341	254 043	219 898	203 575	209 599
590 971	606 658	558 103	542 490	544 862	621 549	603 420	568 556	506 289	492 642
86 782	33 677	42 769	16 971	166 513	- 193 262	196 426	35 921	19 020	- 33 809
87 115	29 752	10 786	136	143 195	- 215 326	203 000	34 476	- 5 092	- 17 901
4 453	6 086	30 178	16 727	20 593	22 336	- 7 297	1 445	24 112	- 16 645
<b>3 388 604</b>	<b>3 431 718</b>	<b>3 494 305</b>	<b>3 504 884</b>	<b>3 278 094</b>	<b>2 639 406</b>	<b>3 585 438</b>	<b>3 382 866</b>	<b>3 278 497</b>	<b>3 388 076</b>

Table 103. Disposable income, consumption

Item	1998	1999	2000	2001	2002	2003	2004
Average disposable income per household	873 175	889 053	891 445	868 651	875 919	881 662	891 249
By disposable income quintile							
Lowest 20% (a)	310 865	317 001	315 172	279 404	292 113	296 297	297 305
Second 20%	560 766	573 853	571 355	524 766	538 584	545 465	555 452
Third 20%	765 375	778 496	778 556	740 054	743 888	745 231	775 719
Fourth 20%	1 014 770	1 031 669	1 043 508	1 013 478	1 005 274	1 021 325	1 035 972
Highest 20% (b)	1 714 097	1 744 245	1 748 633	1 785 550	1 799 733	1 799 992	1 791 796
(b)/(a) (Times)	5.51	5.50	5.55	6.39	6.16	6.07	6.03
Average consumption expenditure per household	646 343	655 282	662 722	657 872	672 619	666 372	692 648
By disposable income quintile							
Lowest 20%	288 889	290 266	300 440	283 920	302 415	294 645	295 476
Second 20%	496 500	497 548	502 783	480 451	500 714	491 137	513 243
Third 20%	632 744	638 566	634 736	629 430	647 533	650 448	678 420
Fourth 20%	763 930	777 298	780 907	792 556	804 065	802 983	831 215
Highest 20%	1 049 654	1 072 735	1 094 744	1 103 002	1 108 368	1 092 645	1 144 888
Percent distribution of total expenditures							
Food, beverage and tobacco	18.96	18.22	17.33	17.29	17.17	16.86	16.44
Clothing and footwear	4.50	4.10	3.85	3.66	3.57	3.53	3.48
Housing, water, electricity, gas and other fuels	25.61	25.33	25.62	25.08	24.23	24.38	23.52
Furnishings, household equipment and routine household maintenance	2.84	2.76	2.66	2.59	2.47	2.43	2.57
Health	10.25	10.89	11.01	11.43	12.16	12.52	12.74
Transport and communication	11.03	11.56	11.86	12.12	12.67	12.50	12.96
Recreation, culture and education	11.52	11.63	12.06	12.04	12.20	11.99	12.07
Restaurants and hotels	8.87	8.93	8.92	8.98	8.78	8.92	9.14
Miscellaneous goods and services	6.41	6.58	6.69	6.82	6.75	6.88	7.08
Average savings per household	226 831	233 770	228 723	210 779	203 300	215 290	198 600
By disposable income quintile							
Lowest 20%	21 976	26 735	14 733	- 4 516	- 10 302	1 652	1 829
Second 20%	64 267	76 305	68 572	44 315	37 871	54 328	42 208
Third 20%	132 630	139 931	143 820	110 623	96 355	94 783	97 299
Fourth 20%	250 840	254 371	262 601	220 922	201 210	218 342	204 757
Highest 20%	664 443	671 511	653 888	682 548	691 365	707 347	646 909

## expenditure and savings of households

NT\$

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
894 574	913 092	923 874	913 687	887 605	889 353	907 988	923 584	942 208	956 849
297 694	304 274	312 145	303 517	282 260	288 553	296 352	301 362	309 459	317 144
556 117	564 865	571 128	564 893	544 532	542 741	546 903	566 814	583 287	587 625
779 044	795 427	799 418	796 225	771 572	773 468	786 324	810 075	823 937	830 741
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	1 128 799
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	1 919 937
6.04	6.01	5.98	6.05	6.34	6.19	6.17	6.13	6.08	6.05
701 076	713 024	716 094	705 413	705 680	702 292	729 010	727 693	747 922	755 169
299 642	304 091	313 309	309 419	312 957	309 078	325 660	327 157	331 391	336 429
516 758	524 833	530 417	522 744	520 079	508 446	522 084	531 922	545 713	543 391
688 550	702 656	699 698	687 699	674 549	680 747	695 209	700 722	715 675	713 274
861 302	860 439	868 505	849 967	856 788	849 369	875 496	880 096	902 072	911 211
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	1 271 539
16.20	16.13	16.48	16.40	16.68	16.64	16.22	16.54	16.30	15.87
3.41	3.37	3.27	3.18	3.19	3.23	3.10	3.03	2.98	3.02
23.77	23.67	23.91	24.23	24.30	24.57	24.39	24.36	24.27	24.46
2.51	2.41	2.48	2.47	2.53	2.48	2.49	2.50	2.46	2.44
13.19	13.75	14.11	14.35	14.45	14.39	14.62	14.55	14.67	14.87
12.97	12.79	12.90	12.38	12.73	12.52	13.00	13.02	13.37	13.12
11.75	11.53	11.23	11.29	11.04	11.01	10.39	10.01	9.73	9.58
9.32	9.31	9.67	10.08	9.37	9.71	10.16	10.58	10.57	11.08
6.88	7.03	5.95	5.62	5.71	5.45	5.63	5.41	5.65	5.55
193 497	200 068	207 780	208 274	181 925	187 061	178 978	195 891	194 286	201 680
- 1 948	183	- 1 164	- 5 902	- 30 697	- 20 525	- 29 308	- 25 795	- 21 932	- 19 285
39 360	40 032	40 711	42 149	24 453	34 295	24 819	34 891	37 575	44 233
90 494	92 770	99 720	108 525	97 023	92 720	91 114	109 353	108 262	117 467
181 829	213 067	201 380	218 837	192 454	205 324	207 512	213 457	209 603	217 587
657 753	654 288	698 251	677 760	626 394	623 492	600 753	647 550	637 921	648 398

Table 104. Average family income

Item	General average	Disposable	
		Lowest 20 percent	Second 20 percent
No. of households (households)	8 290 000	1 658 000	1 658 000
No. of persons per household (persons)	3.15	1.75	2.64
No. of adults per household (persons)	2.55	1.61	2.17
No. of persons employed per household (persons)	1.45	0.47	1.05
No. of income recipients per household (persons)	1.71	1.07	1.32
<b>A. Total receipts</b>	<b>1 157 926</b>	<b>373 772</b>	<b>704 369</b>
1. Compensation of employees	667 520	88 122	334 717
2. Entrepreneurial income	151 601	26 991	78 201
3. Property income	50 945	14 211	23 901
4. Imputed rent income	69 901	38 102	55 291
5. Current transfer receipts	217 829	206 126	212 125
( 1 ) From individuals	63 228	88 017	75 766
( 2 ) From government	48 386	58 038	51 689
( 3 ) Benefit of social insurance	102 305	59 485	83 575
( 4 ) From enterprises	2 535	480	800
( 5 ) From abroad	1 374	105	294
6. Miscellaneous receipts	130	220	134
<b>B. Nonconsumption expenditures</b>	<b>201 077</b>	<b>56 628</b>	<b>116 744</b>
1. Interest	11 839	2 364	6 983
2. Current transfer expenditures	189 238	54 264	109 762
( 1 ) To private	45 272	15 492	26 810
( 2 ) To government	32 093	6 891	13 399
( 3 ) Social insurance	109 480	30 994	68 760
( 4 ) To abroad	2 393	887	793
<b>C. Consumption expenditures</b>	<b>755 169</b>	<b>336 429</b>	<b>543 391</b>
1. Food and non-alcoholic beverages	110 468	62 135	90 194
2. Tobacco,alcoholic beverages and betel nuts	9 377	5 228	7 974
3. Clothing and footwear	22 832	7 115	13 500
4. Housing,water,electricity,gas and other fuels	184 701	111 189	153 175
5. Furnishings,household equipment and routine household maintenance	18 464	6 770	11 218
6. Health	112 270	55 166	83 937
7. Transport	72 146	20 874	43 718
8. Communication	26 933	8 865	18 851
9. Recreation and culture	40 232	11 385	20 683
10. Education	32 147	3 686	15 374
11. Restaurants and hotels	83 661	30 184	58 792
12. Miscellaneous goods and services	41 938	13 832	25 975
<b>Disposable income</b>	<b>956 849</b>	<b>317 144</b>	<b>587 625</b>
<b>Consumption expenditures</b>	<b>755 169</b>	<b>336 429</b>	<b>543 391</b>
<b>Saving</b>	<b>201 680</b>	<b>- 19 285</b>	<b>44 233</b>
<b>Current receipts</b>	<b>1 213 703</b>	<b>406 760</b>	<b>748 552</b>



## and expenditure per household, 2014

NT\$

income quintile			Farm and non-farm	
Third 20 percent	Fourth 20 percent	Highest 20 percent	Farm	Non-farm
1 658 000	1 658 000	1 658 000	767 417	7 522 583
3.28	3.84	4.22	3.44	3.12
2.59	3.01	3.36	2.86	2.52
1.51	1.90	2.31	1.88	1.40
1.66	2.02	2.48	1.86	1.70
<b>1 004 246</b>	<b>1 365 207</b>	<b>2 342 036</b>	<b>984 815</b>	<b>1 175 586</b>
565 428	841 581	1 507 752	380 913	696 758
137 372	179 354	336 085	265 762	139 955
34 401	49 352	132 861	34 264	52 647
68 592	79 442	108 078	52 625	71 663
198 320	215 388	257 187	251 027	214 442
55 911	49 064	47 379	54 782	64 089
46 293	46 279	39 633	82 880	44 868
94 025	115 616	158 826	109 880	101 533
1 022	2 226	8 149	3 372	2 450
1 068	2 203	3 200	113	1 503
133	90	74	224	121
<b>173 505</b>	<b>236 408</b>	<b>422 099</b>	<b>143 804</b>	<b>206 920</b>
12 239	13 922	23 685	2 822	12 759
161 266	222 486	398 414	140 982	194 161
36 917	52 332	94 809	36 140	46 204
20 867	31 845	87 463	23 025	33 018
101 903	136 481	209 262	80 897	112 396
1 578	1 827	6 881	920	2 543
<b>713 274</b>	<b>911 211</b>	<b>1 271 539</b>	<b>662 536</b>	<b>764 619</b>
111 386	131 006	157 617	116 976	109 804
9 821	11 339	12 523	12 144	9 095
20 174	27 581	45 791	17 845	23 341
180 342	207 654	271 145	127 825	190 503
15 904	23 134	35 293	14 454	18 873
102 975	137 543	181 731	120 879	111 392
65 065	89 553	141 518	72 785	72 080
27 322	34 223	45 404	21 800	27 457
32 122	46 018	90 953	26 128	41 671
30 859	48 374	62 444	25 743	32 801
82 756	106 163	140 409	67 591	85 300
34 548	48 624	86 711	38 365	42 302
<b>830 741</b>	<b>1 128 799</b>	<b>1 919 937</b>	<b>841 011</b>	<b>968 666</b>
<b>713 274</b>	<b>911 211</b>	<b>1 271 539</b>	<b>662 536</b>	<b>764 619</b>
<b>117 467</b>	<b>217 587</b>	<b>648 398</b>	<b>178 475</b>	<b>204 047</b>
<b>1 056 880</b>	<b>1 428 012</b>	<b>2 428 314</b>	<b>1 021 346</b>	<b>1 233 327</b>

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	49 990	15 497	0	1 504	0	154 159	4 308	13 716
02	Livestock	1 804	15 721	0	19	0	133 679	31	2 392
03	Forest products	232	57	93	1	0	0	2	97
04	Fishery products	0	242	3	7 134	0	9 546	16	0
05	Minerals	0	6	0	12	771	891	37	2 216
06	Process foods	421	110 494	14	14 915	0	170 131	7 336	160
07	Beverages	11	100	2	0	0	1 034	1 649	0
08	Tobacco	0	0	0	0	0	1	2 180	0
09	Textile mill products	271	21	3	3 446	43	302	12	153 288
10	Wearing apparel and clothing accessories	33	0	2	16	3	22	0	148
11	Leather, fur and related products	0	0	0	0	0	41	0	123
12	Wood and related products	591	198	0	353	153	44	43	147
13	Pulp, paper and paper products	317	44	1	143	2	9 948	4 646	2 020
14	Printing and reproduction of recorded media	107	55	4	295	0	414	375	218
15	Petroleum and coal products	5 186	413	69	27 782	5 361	7 488	2 314	9 399
16	Chemical materials	15 688	27	5	23	0	3 167	2 561	87 745
17	Chemical products	5 369	0	8	261	876	1 760	442	18 276
18	Medicines	839	2 290	0	317	1	2 711	138	24
19	Rubber products	200	446	1	2	270	130	4	1 102
20	Plastic products	2 343	169	2	197	139	14 482	4 150	3 115
21	Non-metallic mineral products	83	0	2	9	48	2 021	1 587	2 419
22	Iron and steel products	2	0	0	172	156	4	168	114
23	Miscellaneous metals	0	0	0	0	0	1 487	856	71
24	Fabricated metal products	964	1 090	8	23	321	6 333	6 528	923
25	Electronic parts and components	0	0	0	0	0	52	3	36
26	Computers, electronic and optical products	4	0	2	0	25	167	7	44
27	Electrical equipment	69	0	4	94	124	73	3	142
28	Mechanical equipment	2 000	212	3	766	1 713	1 352	283	690
29	Motor vehicles and parts	3	4	3	2	7	163	5	45
30	Other transport equipment	0	0	8	1 367	0	5	0	5
31	Furniture	0	0	0	0	1	0	0	1
32	Other manufactures & repair and maintenance of industrial machinery and equipment	212	2	23	4 658	238	981	284	1 214
33	Electricity supply	1 066	1 219	18	2 007	91	9 008	1 331	12 540
34	Gas supply	7	4	6	0	13	630	39	770
35	Water supply	12	143	1	20	29	1 071	98	557
36	Remediation services	82	270	0	0	32	806	631	169
37	Construction	623	318	22	431	315	972	289	1 303
38	Wholesale and retail trade	0	0	1	623	19	4 065	382	1 427
39	Transportation and storage	76	4	34	1 585	472	2 981	330	1 803
40	Accommodation and food services	258	0	27	59	46	1 711	286	2 166
41	Mass communication services	6	3	4	42	26	416	35	129
42	Telecommunication services	34	1	5	220	62	633	84	766
43	Data processing & information services	0	0	0	6	7	910	82	553
44	Finance and insurance services	1 050	1 858	30	752	203	5 839	632	4 495
45	Real estate services	1	3	6	425	16	1 412	258	1 417
46	Professional, scientific and technical services	1 203	803	5	108	219	15 878	3 837	2 606
47	Support services	8	11	67	35	383	3 190	793	1 793
48	Public administration services	948	675	54	1	54	1 734	1 012	477
49	Education services	54	184	2	13	0	90	9	74
50	Human health and social work services	13	5	3	2	0	10	0	11
51	Arts, entertainment and recreation services	0	0	2	0	1	263	38	72
52	Other services	50	9	9	178	75	1 821	300	1 361
01-52	Intermediate inputs	92 230	152 598	556	70 018	12 315	576 028	50 434	334 379
53	Compensation of employees	35 584	1 989	1 348	22 455	5 727	56 489	15 376	56 129
54	Operating surplus	155 124	22 435	405	14 931	7 041	29 507	8 203	16 998
55	Consumption of fixed capital	10 410	2 397	272	2 975	3 707	11 085	4 120	11 710
56	Net indirect taxes	- 21 951	- 117	- 7	- 2 467	699	3 932	50 236	723
53-56	Primary inputs	179 167	26 704	2 018	37 894	17 174	101 013	77 935	85 560
01-56	Total inputs	271 397	179 302	2 574	107 912	29 489	677 041	128 369	419 939

## prices( C × I ), 2011

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
25	3	237	11	0	0	1 532	47	1 755	0	98
9	0	0	1	0	0	10	2	147	0	1
0	73	4 553	453	0	0	9	28	2	13 590	103
0	0	3	0	0	0	0	16	58	0	0
19	25	3	2 367	56	926 973	38 059	1 095	119	58	651
63	9 616	227	340	0	15	883	1 669	2 651	1	351
0	0	0	0	0	0	0	0	0	0	89
0	0	0	0	0	0	0	0	0	0	0
32 644	2 398	19	2 394	276	110	9 582	713	745	4 881	7 069
5 663	31	0	2	4	19	20	0	5	14	134
44	11 261	4	2	1	0	54	0	6	22	447
21	182	16 623	5 809	5	49	226	200	8	40	294
456	569	461	102 774	36 797	283	8 536	3 483	2 764	578	2 780
175	135	34	597	1 801	116	508	396	79	6	398
1 058	900	781	7 929	1 442	166 466	462 199	4 858	691	2 652	4 908
288	5 547	714	11 496	1 855	3 251	1 606 332	100 524	5 306	30 068	179 882
346	2 902	973	7 486	11 649	17 331	39 557	61 695	2 072	5 941	22 546
0	5	10	0	0	132	2	90	29 263	4	73
93	46	14	270	15	362	598	76	30	8 064	3 527
712	3 054	727	5 279	3 649	1 503	7 262	7 677	2 126	1 173	54 632
1	29	23	41	1	408	4 938	1 861	2 897	17	245
0	31	13	155	366	5 730	2 030	224	21	2 787	3 756
0	44	64	606	3 234	700	18 345	4 908	132	836	1 839
193	752	463	573	929	2 306	2 828	3 629	551	2 345	7 470
1	53	0	16	6	6	5 514	16	412	9	199
10	108	5	26	1 013	2 918	1 386	44	305	23	113
28	50	18	99	10	1 186	929	222	18	19	706
82	180	167	1 111	307	7 504	7 501	499	25	651	2 883
50	89	8	14	2	711	197	37	12	13	69
31	12	0	0	0	0	0	0	0	0	6
0	0	1	1	0	58	21	6	1	0	4
1 325	328	88	1 137	689	2 189	6 011	670	871	513	1 531
1 231	641	780	9 628	2 685	42 792	74 069	5 868	1 292	2 508	9 720
53	27	24	195	461	636	2 984	135	103	91	140
52	41	52	105	84	536	3 272	231	117	44	984
1	194	3	11 143	15	18	1 000	28	6	0	46
326	277	158	814	529	4 215	7 815	795	319	338	1 466
1 108	222	129	519	182	713	2 666	1 344	2 183	535	1 403
846	504	245	1 199	322	1 504	7 057	1 943	897	976	2 548
1 354	360	139	302	363	611	2 917	1 246	5 639	250	6 601
114	251	49	104	62	89	275	107	74	51	140
377	202	173	361	832	627	776	635	224	258	868
477	140	76	275	242	359	1 325	768	223	42	733
1 083	1 289	562	3 507	1 469	5 409	12 468	2 932	1 142	1 967	6 091
1 098	292	70	319	673	485	1 279	547	283	323	819
1 732	837	397	2 342	1 184	3 632	5 461	5 851	4 846	2 208	4 711
1 555	446	89	770	825	3 816	7 907	2 645	771	588	1 436
472	226	231	458	586	1 128	1 809	456	419	417	1 104
31	13	9	25	5	18	96	83	59	12	20
5	5	1	0	0	0	17	4	2	2	4
63	31	10	28	104	50	142	85	53	42	112
431	252	160	473	523	1 222	1 986	485	191	375	1 238
55 746	44 673	29 590	183 556	75 253	1 208 186	2 360 390	220 873	71 915	85 332	336 988
20 864	11 032	7 488	26 802	27 348	25 502	74 346	35 731	15 996	19 310	54 317
6 730	5 007	1 186	15 644	8 203	-20 272	160 870	16 889	16 054	8 516	25 345
1 604	2 006	1 327	5 652	4 585	29 966	49 979	7 741	6 111	3 561	13 721
258	141	134	410	236	95 172	2 606	730	244	1 353	1 100
29 456	18 186	10 135	48 508	40 372	130 368	287 801	61 091	38 405	32 740	94 483
85 202	62 859	39 725	232 064	115 625	1 338 554	2 648 191	281 964	110 320	118 072	431 471

Table 105. Transactions table at purchasers<sup>1</sup>

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	21	1	3	53	0	1	5
02	Livestock	0	0	0	0	0	0	0
03	Forest products	12	22	8	63	13	16	94
04	Fishery products	0	0	0	0	0	0	0
05	Minerals	64 716	197 951	315	1 729	890	285	276
06	Process foods	24	73	2	7	15	0	245
07	Beverages	0	1	0	0	0	0	2
08	Tobacco	0	0	0	0	0	0	0
09	Textile mill products	2 644	312	1 084	10 556	312	750	642
10	Wearing apparel and clothing accessories	50	18	123	514	16	6	46
11	Leather, fur and related products	6	7	454	73	71	32	671
12	Wood and related products	1 053	454	1 755	284	172	507	1 045
13	Pulp, paper and paper products	6 658	841	3 472	10 381	6 229	2 429	1 913
14	Printing and reproduction of recorded media	145	345	621	1 929	1 420	331	400
15	Petroleum and coal products	27 354	98 381	11 884	14 061	14 085	4 011	8 556
16	Chemical materials	23 814	43 570	18 685	258 025	23 980	12 534	5 398
17	Chemical products	9 665	9 872	21 105	86 995	5 628	4 203	2 894
18	Medicines	1	1	0	0	184	5	0
19	Rubber products	380	93	1 730	6 430	1 517	1 600	17 675
20	Plastic products	2 462	931	8 876	78 858	38 525	14 917	7 299
21	Non-metallic mineral products	86 259	16 293	2 775	199 833	2 506	2 261	2 572
22	Iron and steel products	8 182	1 117 200	295 164	7 732	8 065	30 602	230 646
23	Miscellaneous metals	1 091	321 974	80 801	92 799	10 622	104 273	35 363
24	Fabricated metal products	4 371	29 443	103 673	24 668	21 801	14 260	83 007
25	Electronic parts and components	279	769	604	1 670 635	439 134	22 636	20 707
26	Computers, electronic and optical products	53	610	615	13 741	133 652	3 840	21 797
27	Electrical equipment	368	1 806	2 421	26 149	19 409	145 893	62 675
28	Mechanical equipment	8 117	10 905	8 600	39 529	4 110	22 781	214 382
29	Motor vehicles and parts	125	74	2 102	452	2 220	166	1 328
30	Other transport equipment	13	0	44	14	261	71	159
31	Furniture	18	0	33	1	6	23	83
32	Other manufactures & repair and maintenance of industrial machinery and equipment	2 793	11 026	2 300	27 336	1 725	1 142	3 522
33	Electricity supply	23 707	46 113	13 927	75 660	14 395	4 131	7 107
34	Gas supply	3 369	1 696	1 305	6 082	737	347	384
35	Water supply	752	1 955	724	2 022	700	138	192
36	Remediation services	2 501	67 265	663	825	215	42	232
37	Construction	3 443	7 995	3 293	10 606	5 177	975	2 906
38	Wholesale and retail trade	425	3 327	2 171	9 000	11 375	2 318	3 829
39	Transportation and storage	4 552	5 263	6 257	18 602	15 250	3 949	10 092
40	Accommodation and food services	1 244	1 332	2 955	14 804	28 931	2 934	5 646
41	Mass communication services	160	305	341	2 113	2 137	394	563
42	Telecommunication services	1 258	873	2 033	6 299	4 791	764	2 012
43	Data processing & information services	359	928	425	8 065	4 036	530	682
44	Finance and insurance services	4 523	18 841	9 860	61 666	22 551	8 411	8 567
45	Real estate services	1 114	456	2 185	6 459	14 789	1 980	3 774
46	Professional, scientific and technical services	3 595	4 964	5 000	34 424	32 604	4 904	6 697
47	Support services	28 487	6 946	7 180	67 198	28 321	3 638	6 445
48	Public administration services	1 041	2 070	3 204	6 736	4 649	1 376	3 339
49	Education services	41	531	556	961	386	479	80
50	Human health and social work services	6	2	11	14	16	15	8
51	Arts, entertainment and recreation services	96	146	324	461	482	137	408
52	Other services	1 011	3 925	5 203	8 068	6 110	839	2 476
01-52	Intermediate inputs	332 358	2 037 906	636 866	2 912 912	934 220	427 876	788 841
53	Compensation of employees	59 321	85 465	153 972	380 881	172 583	72 710	124 330
54	Operating surplus	49 503	110 087	56 591	160 296	297 957	28 444	59 318
55	Consumption of fixed capital	21 974	37 307	36 276	658 285	103 229	22 435	20 853
56	Net indirect taxes	5 815	3 115	3 086	4 738	4 642	3 770	2 509
53-56	Primary inputs	136 613	235 974	249 925	1 204 200	578 411	127 359	207 010
01-56	Total inputs	468 971	2 273 880	886 791	4 117 112	1 512 631	555 235	995 851

Notes : <sup>1</sup> Including repair and installation of industrial machinery and equipment<sup>2</sup> Including sewage and waste management

## prices( C × I ), 2011(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 <sup>1</sup> manufacturing	Electricity supply	Gas supply	Water supply	Remediation <sup>2</sup> services	construction	Wholesale trade	Retail trade
0	0	0	1	5	4	9	0	998	390	1 374
0	0	0	0	0	0	0	0	0	29	1 449
20	2	411	884	2	1	0	0	3 333	64	0
0	0	0	0	0	0	0	0	0	262	135
52	76	17	352	304 989	43 638	92	16	47 077	50	3
1	0	0	3 148	1	1	1	0	0	1 110	10 881
0	0	0	0	0	0	1	0	0	44	62
0	0	0	0	0	0	0	0	0	4	8
1 099	766	1 120	11 471	24	2	1	0	618	1 913	1 310
3	16	93	264	56	1	0	0	959	10	20
2 115	116	1 275	1 272	0	0	0	0	0	0	0
611	1 371	6 902	2 329	58	44	18	0	40 437	2 974	293
960	801	883	3 083	21	27	11	18	2 569	27 852	12 514
42	80	45	534	242	10	27	1	351	9 953	5 623
2 252	2 470	758	2 663	36 673	23 435	501	3 380	21 258	48 371	22 542
7 678	4 307	2 046	14 118	221	11	928	397	747	273	37
2 524	2 782	912	2 993	373	165	80	5 621	33 326	998	1 393
1	0	0	0	9	0	55	2	3	0	3
9 321	8 258	243	2 645	73	11	6	39	1 557	1 429	2 091
12 881	4 321	3 867	11 672	78	115	407	3 183	27 378	31 793	20 680
3 995	936	623	986	1 381	623	244	14	204 901	156	82
42 411	27 509	13 993	20 308	1 659	845	332	771	204 048	1 228	395
18 639	15 134	2 003	10 555	7	3	1	826	4 128	554	153
14 598	9 396	5 167	15 433	358	161	132	945	125 614	1 856	758
2 527	1 820	2	6 713	112	10	11	10 316	1 668	571	140
1 958	3 243	1	2 174	334	187	68	3 266	6 450	2 514	459
10 573	5 335	127	7 748	2 327	359	143	512	97 769	2 094	1 032
11 067	12 362	932	39 608	2 318	405	239	6 086	57 002	884	251
205 293	8 693	6	36	11	3	7	20	27	2 673	11 300
3 213	120 017	13	10 297	0	0	0	0	2	3 180	1 158
298	568	6 036	248	1	1	0	0	3 576	91	89
1 086	2 824	254	25 985	12 326	306	1 480	4 326	2 153	4 297	1 461
4 287	2 395	574	3 808	52 315	578	1 915	2 176	3 907	22 305	34 439
422	178	44	215	172	10 308	10	331	302	2 268	604
311	202	16	234	250	10	10 110	25	834	1 796	667
11	1	1	205	178	1	9	31 738	10	54	36
244	855	216	2 141	1 139	142	582	2 382	1 947	17 184	13 015
1 469	1 825	287	1 208	23	46	120	184	1 216	33 236	31 283
3 060	1 307	675	3 168	804	97	242	2 306	7 447	56 092	12 261
1 050	898	705	2 255	126	59	116	2 978	2 899	52 129	9 183
98	169	17	919	88	17	42	33	833	6 994	2 265
373	422	173	916	155	51	96	263	3 894	17 240	11 243
353	496	178	584	285	36	260	137	1 099	20 696	13 741
4 125	2 625	725	3 402	4 188	669	454	2 556	9 107	38 100	18 782
873	293	311	1 176	96	48	24	772	3 948	54 183	72 883
4 238	5 243	1 001	3 356	3 843	571	689	1 586	47 794	73 109	25 806
2 928	2 352	496	2 985	2 343	589	457	1 948	10 468	72 424	26 958
1 081	441	234	1 108	3 395	32	374	1 163	6 253	11 860	9 103
77	68	43	138	286	8	130	238	749	303	67
4	10	0	5	0	0	4	1	4	6	4
94	83	5	677	17	13	3	43	381	5 789	4 266
1 294	538	168	2 129	792	110	264	1 102	7 547	12 707	6 941
381 610	253 604	53 598	228 149	434 154	83 753	20 695	91 701	998 588	646 092	391 243
49 463	43 447	10 987	64 113	38 624	4 956	10 380	15 316	277 993	595 168	371 765
13 306	18 260	1 427	23 309	- 41 506	- 8 157	1 421	53 874	78 210	804 874	488 627
21 974	12 866	1 917	10 736	127 623	1 769	11 066	4 431	22 156	79 421	54 181
29 210	4 627	162	876	2 540	164	- 374	829	4 694	32 203	17 374
113 953	79 200	14 493	99 034	127 281	- 1 268	22 493	74 450	383 053	1 511 666	931 947
495 563	332 804	68 091	327 183	561 435	82 485	43 188	166 151	1 381 641	2 157 758	1 323 190

Table 105. Transactions table at purchasers<sup>1</sup>

Kind of industries		HA	HB	HC	HD	HE	IA	IB
Kind of commodities		Land transportation	Water transportation	Air transportation	Supporting services to transportation; warehousing and storage	Postal and courier services	Accommodation services	Food and beverage services
01	Agricultural products	0	0	0	0	0	1 692	25 427
02	Livestock	0	0	0	0	0	200	3 033
03	Forest products	0	0	0	0	0	0	0
04	Fishery products	0	0	0	0	0	70	1 062
05	Minerals	2	45	0	2	0	0	0
06	Process foods	0	1	92	2	0	9 085	137 586
07	Beverages	6	0	0	0	0	468	7 074
08	Tobacco	0	0	0	0	0	79	935
09	Textile mill products	41	1	1	110	60	2 162	1 538
10	Wearing apparel and clothing accessories	40	0	0	0	59	180	1 890
11	Leather, fur and related products	0	0	0	0	0	1	0
12	Wood and related products	15	0	0	90	2	27	349
13	Pulp, paper and paper products	254	16	68	129	20	3 284	10 146
14	Printing and reproduction of recorded media	229	12	160	282	424	33	239
15	Petroleum and coal products	89 452	43 014	119 415	8 247	1 693	1 796	3 734
16	Chemical materials	0	0	0	0	0	24	44
17	Chemical products	149	62	53	283	29	3 537	3 946
18	Medicines	0	0	0	0	0	35	2
19	Rubber products	6 234	14	39	217	35	0	2
20	Plastic products	81	7	22	23	3	1 970	11 611
21	Non-metallic mineral products	2	0	0	2	0	465	1 743
22	Iron and steel products	211	68	0	554	23	0	0
23	Miscellaneous metals	0	0	0	0	0	0	7
24	Fabricated metal products	157	47	232	303	15	708	3 345
25	Electronic parts and components	56	72	17	150	14	2	19
26	Computers, electronic and optical products	159	208	48	382	1	12	36
27	Electrical equipment	344	72	68	481	17	98	150
28	Mechanical equipment	184	238	354	567	78	49	186
29	Motor vehicles and parts	4 643	190	140	239	28	5	28
30	Other transport equipment	379	1 299	756	515	2	1	5
31	Furniture	15	0	0	0	0	2	1
32	Other manufactures & repair and maintenance of industrial machinery and equipment	15 802	4 256	27 373	4 091	1 061	978	1 494
33	Electricity supply	5 592	101	1 019	2 058	408	3 205	6 146
34	Gas supply	107	58	62	93	29	2 033	13 595
35	Water supply	77	13	10	114	16	628	520
36	Remediation services	33	0	0	45	39	0	2
37	Construction	8 642	229	239	2 680	153	1 086	1 690
38	Wholesale and retail trade	1 298	761	3 400	3 378	173	613	457
39	Transportation and storage	5 523	114 213	28 054	16 063	22 661	768	1 173
40	Accommodation and food services	1 187	653	9 037	1 817	110	426	818
41	Mass communication services	638	495	487	703	59	276	622
42	Telecommunication services	1 369	249	693	1 182	313	1 434	1 679
43	Data processing & information services	467	688	1 650	843	107	2 714	3 308
44	Finance and insurance services	4 351	3 889	3 819	2 676	694	2 705	4 240
45	Real estate services	4 147	1 637	1 154	5 375	486	2 470	11 733
46	Professional, scientific and technical services	3 063	415	1 850	3 321	766	2 379	5 710
47	Support services	12 269	17 288	16 451	9 709	1 977	1 900	4 075
48	Public administration services	4 175	626	233	1 468	159	114	1 005
49	Education services	94	5	90	54	19	13	47
50	Human health and social work services	2	1	2	4	1	4	4
51	Arts, entertainment and recreation services	86	31	16	161	4	43	86
52	Other services	10 106	47	317	1 311	150	1 737	1 402
01-52	Intermediate inputs	181 681	191 021	217 421	69 724	31 888	51 511	273 944
53	Compensation of employees	76 990	8 321	24 524	65 123	27 565	33 883	156 446
54	Operating surplus	59 459	- 8 284	- 6 705	45 071	2 040	14 779	94 968
55	Consumption of fixed capital	41 345	9 711	31 738	13 316	2 093	4 919	19 434
56	Net indirect taxes	3 237	400	314	2 126	57	1 357	3 262
53-56	Primary inputs	181 031	10 148	49 871	125 636	31 755	54 938	274 110
01-56	Total inputs	362 712	201 169	267 292	195 360	63 643	106 449	548 054

Notes : <sup>3</sup> Including publishing and audiovisual services

## prices( C × I ), 2011 (continued)

Million NT\$

JA	JB	JC	KA	KB	KC	LA	LB	M	NA	NB
Broadcasting <sup>3</sup>	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
47	0	0	0	0	0	95	0	147	0	315
3	0	0	0	0	0	7	0	2	0	0
0	0	0	0	0	0	0	0	1	0	0
1	0	0	0	0	0	4	0	7	0	0
0	0	0	0	0	0	0	0	69	0	0
255	0	0	0	0	0	529	0	236	7	0
25	0	0	0	0	0	41	0	34	0	0
2	0	0	0	0	0	4	0	0	0	0
199	4	0	1	0	0	6	0	1 673	0	5
83	0	0	0	0	0	10	0	1 027	0	0
125	0	0	0	0	0	0	0	24	0	0
388	0	0	0	0	0	4	0	1 750	0	188
24 528	20	1 368	2 075	169	1 083	224	0	3 939	69	5 745
19 830	1 031	1	9 808	1 997	1 766	203	0	19 420	0	2 526
1 143	476	296	811	680	273	2 546	0	4 740	4 464	3 136
0	3	0	0	0	0	2	0	1 739	0	670
5 210	6	5	158	330	108	86	0	11 398	33	12 553
0	5	0	0	0	0	0	0	1 569	0	0
13	2	0	3	0	0	3	0	45	144	334
983	75	36	30	0	0	70	0	3 153	52	959
42	0	0	0	0	0	7	0	685	0	0
36	10	0	0	0	0	4	0	752	36	0
0	7	0	0	0	0	0	0	172	1	1
365	30	306	3	1	5	197	0	2 749	18	698
937	746	7 226	236	132	129	22	0	9 310	612	0
8 938	7 315	8 489	440	140	261	251	0	14 745	1 841	1 311
1 114	4 205	1 330	70	20	81	959	0	4 529	648	1 416
397	1	68	910	167	428	51	0	661	2 316	4
2	0	24	44	0	1	39	0	397	1 751	11
1	0	0	0	0	0	0	0	47	27	13
0	0	0	0	0	0	0	0	43	0	0
1 101	271	626	3 056	734	444	804	0	2 642	1 726	971
1 456	4 125	870	3 084	811	976	5 521	0	3 367	245	972
192	181	56	176	158	53	1 121	0	946	168	122
91	87	79	145	76	59	186	0	396	3	89
59	0	0	0	0	0	0	0	1 569	0	257
3 791	8 589	468	1 808	447	819	27 828	68 452	3 058	357	1 019
3 155	21 775	1 870	122	18	30	2 313	0	4 755	668	1 917
2 132	2 741	2 402	8 181	1 943	2 007	2 323	0	6 563	727	1 906
2 687	536	1 943	10 648	1 252	22	3 166	0	6 683	22	1 224
63 004	289	7 234	2 111	1 040	365	911	0	43 565	3 889	1 141
2 187	59 734	7 301	4 640	1 853	3 214	2 042	0	5 453	230	2 872
1 733	875	16 500	5 891	7 080	256	6 667	0	3 265	14	2 509
1 919	2 684	1 771	80 267	93 577	38 813	25 761	91 703	5 916	814	2 334
1 748	2 210	2 051	16 309	4 011	6 201	10 806	0	8 505	1 075	2 425
11 441	12 931	3 308	27 269	7 526	7 134	48 292	0	26 951	2 243	2 890
2 257	13 164	2 955	11 697	2 840	2 488	4 003	0	9 593	1 110	5 775
1 284	2 854	484	2 683	8 149	3 195	8 649	0	1 708	410	1 004
194	848	140	350	145	56	195	0	3 485	45	86
6	0	0	4	4	3	0	0	41	0	2
7 734	1	37	1 041	104	97	1 406	0	7 739	12	291
767	6 318	339	5 787	1 720	1 026	2 027	0	1 904	443	684
173 605	154 149	69 583	199 858	137 124	71 393	159 385	160 155	233 167	26 220	60 375
54 185	67 888	68 588	246 296	149 866	64 214	57 898	0	198 667	11 610	144 002
54 236	71 991	37 256	254 433	53 893	29 794	133 534	816 372	71 790	13 252	8 603
6 092	76 150	15 539	49 559	24 433	10 263	12 238	145 725	40 643	17 100	7 657
1 362	7 451	1 043	18 080	9 856	4 352	4 202	41 710	3 650	1 280	1 386
115 875	223 480	122 426	568 368	238 048	108 623	207 872	1 003 807	314 750	43 242	161 648
289 480	377 629	192 009	768 226	375 172	180 016	367 257	1 163 962	547 917	69 462	222 023

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 <sup>4</sup> services	Arts, entertainment and recreation	Non-profit institutions serving households	Domestic services
01	Agricultural products	2 323	317	0	0	452	0	0
02	Livestock	27	10	0	0	34	0	0
03	Forest products	2	0	0	0	0	0	0
04	Fishery products	211	0	0	0	39	0	0
05	Minerals	15	0	0	0	0	0	0
06	Process foods	4 680	1 103	0	0	5 959	0	0
07	Beverages	906	142	0	0	2 467	0	0
08	Tobacco	5	3	0	0	86	0	0
09	Textile mill products	287	221	223	59	151	0	0
10	Wearing apparel and clothing accessories	1 165	252	20	17	82	0	0
11	Leather, fur and related products	405	23	0	0	0	0	0
12	Wood and related products	310	436	13	0	118	0	0
13	Pulp, paper and paper products	4 278	1 031	1 650	190	1 134	460	0
14	Printing and reproduction of recorded media	12 311	4 573	1 005	1 038	932	3 807	0
15	Petroleum and coal products	12 356	1 013	4 363	347	993	568	0
16	Chemical materials	2 103	4 805	6 998	0	36	0	0
17	Chemical products	2 336	1 491	1 758	1 766	794	4 297	0
18	Medicines	1 492	1 159	98 579	131	24	0	0
19	Rubber products	678	164	124	0	0	0	0
20	Plastic products	3 684	1 549	1 347	37	682	0	0
21	Non-metallic mineral products	1 322	2 088	1 179	0	39	0	0
22	Iron and steel products	675	546	0	0	0	0	0
23	Miscellaneous metals	218	30	0	0	2	0	0
24	Fabricated metal products	29 980	2 663	2 315	160	311	295	0
25	Electronic parts and components	12 188	3 000	974	0	79	0	0
26	Computers, electronic and optical products	2 757	11 494	16 773	6	2 857	16	0
27	Electrical equipment	5 321	8 113	1 644	67	247	15	0
28	Mechanical equipment	3 026	2 468	3 085	160	352	423	0
29	Motor vehicles and parts	7 052	295	557	12	23	0	0
30	Other transport equipment	115	120	2 011	5	8	1	0
31	Furniture	819	1 450	0	0	0	1 600	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	8 392	7 845	29 186	337	5 841	603	0
33	Electricity supply	9 125	16 040	10 963	1 731	4 292	3 697	0
34	Gas supply	306	631	872	104	529	236	0
35	Water supply	682	488	282	30	207	133	0
36	Remediation services	41 555	9 430	2 832	108	0	0	0
37	Construction	10 135	6 136	2 939	1 552	1 331	857	0
38	Wholesale and retail trade	16	8	2 268	107	1 547	0	0
39	Transportation and storage	12 391	5 934	6 527	818	848	2 311	0
40	Accommodation and food services	20 293	7 231	1 274	2 799	2 141	12 326	0
41	Mass communication services	7 072	11 031	903	395	7 944	5 702	0
42	Telecommunication services	22 836	3 036	4 999	2 229	1 483	2 945	0
43	Data processing & information services	9 270	2 106	2 013	132	1 087	306	0
44	Finance and insurance services	27 579	4 728	5 897	549	2 635	1 243	0
45	Real estate services	1 563	1 986	7 448	1 502	9 048	2 152	0
46	Professional, scientific and technical services	17 172	3 651	4 435	2 589	3 199	4 241	0
47	Support services	21 406	11 536	6 036	1 504	3 022	490	0
48	Public administration services	9	2 154	1 580	208	1 780	1	0
49	Education services	10 567	1 144	353	0	47	47	0
50	Human health and social work services	1 017	19	4	4	0	4	0
51	Arts, entertainment and recreation services	3 223	347	92	0	4 350	5 679	0
52	Other services	9 357	1 381	3 064	985	1 309	2 328	0
01-52	Intermediate inputs	347 013	147 421	238 585	21 678	70 541	56 783	0
53	Compensation of employees	711 287	572 840	277 041	29 426	85 060	57 492	101 345
54	Operating surplus	0	49 596	75 843	0	21 161	0	0
55	Consumption of fixed capital	339 424	57 910	36 846	2 678	12 782	2 165	0
56	Net indirect taxes	3 608	- 13 194	- 10 307	- 672	4 266	779	0
53-56	Primary inputs	1 054 319	667 152	379 423	31 432	123 269	60 436	101 345
01-56	Total inputs	1 401 332	814 573	618 008	53 110	193 810	117 219	101 345

Notes : <sup>4</sup> Including residential care services





Table 105. Transactions table at purchasers' prices( C × I ), 2011 (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	139 648	3 726	172 110	6 062	4 963	0
02	Livestock	4 029	156	27 693	1 313	18	0
03	Forest products	21 197	12	2 825	351	1	0
04	Fishery products	9 151	482	64 428	1 442	294	0
05	Minerals	1 541 077	430	22 701	12 512	522	0
06	Process foods	189 320	16 033	406 091	13 582	14 823	0
07	Beverages	29 087	8 791	74 192	1 753	4 608	0
08	Tobacco	18 440	29 495	25 707	261	2 685	0
09	Textile mill products	39 276	2 072	77 893	5 539	1 169	0
10	Wearing apparel and clothing accessories	52 691	4 429	84 833	1 259	4 980	0
11	Leather, fur and related products	39 549	2 058	29 657	1 582	2 290	0
12	Wood and related products	35 173	514	19 605	2 777	161	0
13	Pulp, paper and paper products	78 896	81	93 943	4 134	2 149	0
14	Printing and reproduction of recorded media	4 637	10	0	841	2 302	0
15	Petroleum and coal products	538 241	1 222	124 366	7 061	7 225	0
16	Chemical materials	888 871	7 401	115 152	15 690	1 786	0
17	Chemical products	235 544	3 990	152 195	4 136	3 870	0
18	Medicines	84 368	444	133 271	1 260	6 851	0
19	Rubber products	21 919	2 609	27 443	1 298	814	0
20	Plastic products	132 445	3 095	76 950	3 352	1 436	0
21	Non-metallic mineral products	116 355	3 185	64 802	11 441	408	0
22	Iron and steel products	396 387	504	202 328	11 209	31	0
23	Miscellaneous metals	472 919	1 117	98 380	5 718	- 272	0
24	Fabricated metal products	107 409	2 258	98 343	5 760	5 205	0
25	Electronic parts and components	1 506 572	874	155 383	19 217	2 297	0
26	Computers, electronic and optical products	533 449	3 992	289 966	8 889	19 562	0
27	Electrical equipment	165 006	6 583	123 595	6 519	6 490	0
28	Mechanical equipment	720 553	7 392	196 131	7 943	21 390	0
29	Motor vehicles and parts	171 168	49 583	179 481	2 400	13 757	0
30	Other transport equipment	71 602	1 215	56 713	2 107	2 863	0
31	Furniture	18 345	237	37 125	3 071	2 132	0
32	Other manufactures & repair and maintenance of industrial machinery and equipment	70 839	1 020	125 305	3 410	6 456	0
33	Electricity supply	3 508	0	0	0	5 548	0
34	Gas supply	1 215	0	17 983	421	1 346	0
35	Water supply	778	0	0	584	433	0
36	Remediation services	315	3	8 810	2 102	2 705	0
37	Construction	209	0	0	0	31 994	0
38	Wholesale and retail trade	55 160	0	-3 479 933	0	1 265	0
39	Transportation and storage	198 654	0	0	- 177 655	18 135	0
40	Accommodation and food services	226 197	0	0	0	14 192	0
41	Mass communication services	54 755	1	94 533	659	5 646	0
42	Telecommunication services	23 531	0	0	0	8 010	0
43	Data processing & information services	28 053	0	0	0	3 608	0
44	Finance and insurance services	50 328	0	0	0	0	0
45	Real estate services	13 267	0	0	0	4 825	0
46	Professional, scientific and technical services	87 954	0	0	0	4 910	0
47	Support services	201 272	0	0	0	5 384	0
48	Public administration services	3 553	- 2 263	0	0	120	0
49	Education services	20 645	0	0	0	0	0
50	Human health and social work services	3 010	0	0	0	0	0
51	Arts, entertainment and recreation services	26 693	0	0	0	2 762	0
52	Other services	3 677	0	0	0	10 005	0
01-52	Intermediate inputs	9 456 937	162 751	0	0	264 154	0
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	
								<b>Numbers</b>	
2007	1 187 929	12 631	1 339	128 964	655	86 466	620 689	98 326	
								<b>Sales amount</b>	
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
									<b>Numbers</b>
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
2014	1 321 343	11 595	1 073	142 261	660	7 078	106 492	650 040	30 391
									<b>Sales amount</b>
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
2014	40 368 063	45 219	47 972	14 936 885	1 016 153	184 588	2 179 525	14 254 624	1 144 634

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
30 871	18 981	26 631	43 046	460	368	25 741	88 150	4 611

(Million NT\$)

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
99 722	14 352	22 163	18 563	32 605	24 978	622	20 365	64 005
104 157	14 574	22 516	19 196	33 122	25 420	870	20 242	65 414
107 681	15 336	23 040	21 628	34 507	26 176	999	20 394	67 795
112 134	15 672	23 735	24 419	36 078	27 150	1 161	20 433	70 769
116 105	16 361	24 598	26 779	37 505	27 841	1 323	20 520	72 702
120 285	16 939	26 293	29 476	39 182	27 151	1 501	26 168	74 630
124 855	17 615	27 809	32 181	41 097	27 118	1 758	22 999	76 321

(Million NT\$)

335 644	782 819	2 851 985	802 227	572 845	242 932	5 242	69 022	411 465
330 788	771 835	2 168 019	755 253	561 238	234 017	6 121	72 199	196 195
374 785	854 532	2 266 259	870 068	643 265	295 222	6 879	68 926	204 865
425 707	912 142	2 450 642	827 232	659 460	337 107	7 910	71 340	213 786
465 713	958 813	2 220 330	939 271	640 902	369 390	9 702	75 172	231 003
497 166	1 009 290	2 179 075	1 151 494	658 839	394 898	10 542	80 011	253 818
547 412	1 017 033	2 386 808	1 141 814	680 573	440 550	12 187	80 622	251 466

**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
<b>Newly registered</b>								
2006	38 273	291	110	3 794	19	3 693	13 866	165
<b>Capital of newly registered</b>								
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
<b>Newly registered</b>								
2007	33 718	398	189	6 182	48	261	5 055	5 479
2008	30 201	358	165	5 140	70	223	4 307	4 589
2009	31 882	618	177	5 926	104	176	4 701	5 699
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
2014	41 998	1 292	214	9 088	280	206	6 715	6 257
<b>Capital of newly registered</b>								
2007	175 210	2 132	1 058	35 165	822	865	18 751	13 581
2008	245 752	1 245	876	32 216	747	752	11 474	9 212
2009	127 954	2 251	706	27 662	772	556	13 586	10 325
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
2014	183 418	4 983	1 025	38 134	1 288	486	18 737	11 941

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)**

296	1 338	1 115	3 865	2	4	295	1 245	8 175
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**corporations (Million NT\$)**

3 506	37 582	8 614	13 227	2	17	1 310	5 450	70 837
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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
487	542	1 717	3 975	2 994	5 548	1 266	258	1 159

**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
6 121	1 528	4 142	53 350	20 326	12 600	5 223	790	2 743

Table 108. Number of business

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Transport, storage & communica- tion	
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	Manufactur- ing	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
2014	809 637	5 746	1 850	46 006	220	3 490	67 702	63 727

Notes : <sup>1</sup> Data referred to Trade and eating-drinking places before 2001.

<sup>2</sup> 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 <sup>1</sup>	Accommodation & eating-drinking places	Finance <sup>2</sup> , insurance	Real estate, rental & leasing	Professional, scientific & technical services	Educational services	Health care, social welfare services	Cultural, sporting & recreational services	Other services
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
469 050	26 931	5 787	2 665	3 452	15 406	23 023	17 641	56 941

**Table 109. Number of small**

Year	Total	Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity, gas & water	Construction	Transport, storage & communication	
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	Manufacturing	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
2014	1 353 049	11 568	1 151	141 817	546	7 155	112 164	134 326

Notes : <sup>1</sup> Data referred to Trade and eating-drinking places before 2002.

<sup>2</sup> 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 <sup>1</sup>	Accommodation & eating-drinking places	Finance <sup>2</sup> , insurance	Real estate, rental & leasing	Professional, scientific & technical services	Educational services	Health care, social welfare services	Cultural, sporting & recreational services	Other services
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
668 428	30 281	18 141	15 490	32 766	42 932	28 376	26 572	81 336



## 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 fisheries, offshore fisheries, coastal fisheries, marine aquaculture, inland water fisheries and inland water aquaculture. The deep sea fisheries refer to fishing on waters beyond the economic zones of our country by means of powered vessels. The offshore fisheries refer 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 fisheries refer to fishing on the territorial waters, i.e., 12 nautical miles from the coast by fishing raft or other means. The marine aquaculture refers to raising aquatic animals or plants in the waters along the coast. The inland water fisheries refer to fishing or harvesting of aquatic animals or plants in inland waters. The inland water aquaculture 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					
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	98.27	95.87	100.64	102.03	94.52	92.77	95.37	92.10	110.82	96.62
2013 r	97.13	95.40	94.77	95.30	92.45	91.99	96.52	93.94	106.95	98.46
2014	98.39	98.46	105.46	103.93	112.16	93.96	96.01	96.48	104.15	99.17

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
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	101.39	101.48	87.84	104.59	105.19
96.59	235.49	56.71	96.77	94.27	99.03	101.30	101.84	93.65	110.47	102.25

Table 111. Quantity of major

Item	2005	2006	2007	2008
Crop production				
Paddy rice	1 467 138	1 558 048	1 363 458	1 457 175
Coarse grain				
Feed corn	41 820	37 358	33 885	37 290
Food corn	91 653	91 075	84 985	80 807
Sweet potato	213 991	235 203	200 087	212 816
Peanut	53 948	71 561	51 885	55 075
Sorghum	8 325	4 732	4 895	2 532
Adzuki bean	4 850	7 831	6 056	7 013
Soybean	213	187	147	141
Special crops				
Sugar-cane (refined)	875 458	651 041	720 874	707 102
Sugar-cane (fresh)	64 754	63 216	60 043	58 400
Tea	18 803	19 345	17 502	17 384
Tobacco	2 743	2 193	1 672	1 725
Sesame	451	571	313	408
Vegetables				
Radishes	132 390	116 416	110 856	118 720
Scallion	91 696	102 577	97 920	95 124
Garlic bulb	55 622	43 843	43 840	54 508
Water bamboo	45 801	46 265	44 291	46 295
Bamboo shoot	232 856	313 356	291 709	255 046
Cabbage	316 115	355 072	318 717	348 818
Watermelon	212 488	236 322	220 773	203 275
Cantaloupe	60 307	73 727	50 702	48 423
Mildew				
Mushroom	5 117	4 663	4 304	3 951
Shiitake	4 526	4 643	4 184	4 233
Fruits				
Banana	148 715	214 277	241 729	207 702
Pineapple	439 872	491 588	476 811	452 060
Ponkan	93 207	110 645	89 727	100 689
Wentan pomelo	69 830	73 571	63 711	68 061
Liucheng	193 847	228 225	192 910	254 125
Longan	102 790	102 693	108 612	101 909
Mango	149 996	191 332	215 292	176 716

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



**agricultural production**

Metric tons

2009	2010	2011	2012	2013	2014
1 578 169	1 451 011	1 666 273	1 700 229	1 589 564	1 732 210
45 981	34 551	35 097	29 825	39 440	62 192
87 579	81 237	88 135	75 359	93 465	103 608
229 038	209 191	205 868	220 514	215 093	234 883
56 941	65 036	68 231	56 845	46 809	68 513
719	4 411	3 416	3 564	3 300	2 203
8 550	8 693	11 498	10 698	11 858	11 769
220	204	105	159	879	1 173
613 228	665 359	653 952	548 455	505 526	502 706
51 044	47 124	34 608	29 062	28 112	39 463
16 780	17 467	17 310	14 902	14 718	15 200
1 928	1 753	1 737	1 642	1 700	1 650
948	947	770	620	1 399	2 208
101 585	95 113	100 996	81 483	100 629	101 349
111 347	111 205	105 826	97 482	102 789	105 647
49 600	44 916	63 939	46 759	43 894	59 496
46 169	46 403	45 353	41 644	43 969	42 416
251 994	292 209	294 938	278 903	267 092	277 201
346 297	329 149	367 307	341 279	354 390	376 417
217 619	225 925	246 643	243 067	212 690	211 330
40 421	41 156	44 459	37 136	42 763	42 498
3 898	3 149	4 097	3 439	2 921	3 110
4 012	4 540	4 716	5 334	5 187	5 025
172 550	287 895	305 740	295 265	291 292	299 900
434 769	420 172	401 367	392 211	413 465	456 243
98 179	102 341	142 369	135 796	133 253	137 136
70 150	88 100	69 668	70 465	62 187	65 974
231 549	185 289	178 829	162 345	160 496	162 533
82 602	100 436	112 156	94 391	90 975	101 668
140 290	135 293	169 380	167 247	215 168	152 932

Table 111. Quantity of major

Item	2005	2006	2007	2008
Betel nut	138 095	141 563	134 497	144 195
Guava	137 166	170 169	131 703	141 065
Wax apple	84 991	69 234	82 223	63 902
Grape	71 105	102 291	90 081	84 656
Plum	29 202	26 297	25 830	23 001
Japanese apricot	45 937	48 001	37 834	35 812
Lichee	70 537	84 652	99 721	79 565
Pear	113 183	126 628	150 429	138 381
Papaya	88 475	129 283	92 914	94 359
Sugar apple	75 554	85 005	78 830	67 749
Forestry				
Timber (M <sup>3</sup> )	44 116	36 233	35 161	31 231
Saw-timber	31 389	26 979	26 441	25 135
Firewood	12 675	9 224	7 186	6 059
Tree top wood	53	31	1 533	37
Bamboo (1 000 pieces)	673	544	825	2 430
Fishery				
Deep sea fisheries	752 118	757 896	988 617	828 427
Offshore fisheries	200 730	154 015	134 619	132 594
Coastal fisheries	52 779	54 226	54 110	47 366
Marine aquaculture	34 746	34 411	34 888	37 765
Inland water fisheries	207	155	241	198
Inland water aquaculture	272 270	281 575	289 899	292 940
Livestock				
Cattle (Carcass weight)	6 048	5 626	5 480	5 683
Hogs (Carcass weight)	911 449	930 609	913 824	861 836
Goats (Carcass weight)	3 234	3 896	3 548	3 183
Chicken (Carcass weight)	555 340	565 779	549 450	522 821
Duck (Carcass weight)	71 483	74 809	77 656	68 770
Geese (Carcass weight)	23 508	24 742	21 628	18 962
Cow milk	303 496	323 165	322 220	315 559
Honey	6 327	4 978	3 220	7 219
Hen egg (1 000 pieces)	6 452 885	6 620 415	6 659 584	6 469 671
Duck egg (1 000 pieces)	487 549	466 232	507 328	483 878

**agricultural production(continued)**

Metric tons

2009	2010	2011	2012	2013 <sup>r</sup>	2014
142 636	131 737	129 316	124 091	124 054	121 435
135 303	167 009	168 848	181 178	182 479	168 392
43 693	59 675	78 109	81 667	99 526	82 390
98 091	102 831	107 280	99 967	97 256	82 199
22 899	24 826	23 656	22 744	21 582	15 271
46 890	49 695	42 010	31 880	30 706	34 709
95 440	89 440	90 471	81 143	93 221	93 078
153 450	174 858	150 013	137 911	109 105	134 549
82 878	129 322	151 183	132 763	118 822	115 780
70 370	64 243	59 739	49 864	52 612	55 938
27 891	19 468	24 213	27 481	34 923	42 168
25 176	19 131	23 273	24 898	26 785	37 899
2 624	296	740	2 542	8 123	4 189
90	41	200	40	15	80
3 251	3 261	1 881	1 742	1 512	2 384
614 614	688 288	702 133	726 775	772 714	899 035
145 596	128 289	163 579	148 279	125 021	139 929
45 732	34 731	28 117	33 027	27 566	29 408
26 760	41 410	38 098	30 390	31 706	29 287
132	77	69	66	29	30
254 980	274 286	290 660	317 543	317 246	312 118
6 099	6 343	6 169	6 187	6 693	6 874
857 155	845 464	864 792	877 628	855 019	815 253
3 000	2 694	2 438	2 294	1 888	1 972
542 191	558 197	589 462	544 326	510 168	543 160
63 318	67 142	67 557	63 952	75 603	85 225
16 915	18 505	20 200	19 961	20 897	22 474
321 781	336 036	350 894	348 489	358 146	363 145
5 367	8 149	15 089	14 203	11 131	12 758
6 431 571	6 728 450	6 680 044	6 770 183	6 806 570	6 879 329
442 355	483 822	469 955	466 748	449 192	433 968

Table 112. Value of major

Item	2005	2006	2007	2008
Total farm production	382 726 113	376 993 825	389 129 225	417 500 509
Crop production	162 630 935	172 691 533	168 368 459	179 108 002
Paddy rice	28 139 682	29 379 921	26 091 341	31 362 747
Coarse grain	7 458 138	7 998 832	6 274 954	7 307 213
Feed corn	627 307	560 363	508 274	559 343
Food corn	1 201 570	1 133 884	1 110 750	1 171 698
Sweet potato	2 599 989	2 441 407	2 000 871	2 553 790
Peanuts	2 478 388	3 324 721	2 101 358	2 464 073
Sorghum	116 553	66 252	68 525	35 442
Adzuki bean	371 663	411 847	426 942	460 430
Soybeans	5 328	4 672	3 687	3 517
Special crop	7 420 437	8 117 544	7 879 550	8 284 282
Sugar-cane (refined)	655 805	576 237	554 713	546 763
Sugar-cane (fresh)	674 735	677 675	531 977	501 659
Tea	3 760 540	4 352 679	4 499 869	4 844 785
Tobacco	455 254	370 599	299 736	321 918
Sesame	67 901	87 654	53 449	81 771
Vegetables	42 625 447	44 027 684	46 971 791	48 514 048
Radishes	979 684	841 687	942 273	949 756
Scallion	4 749 871	4 256 938	3 720 957	4 044 663
Garlic bulb	1 529 610	1 972 940	2 126 233	2 111 081
Water bamboo	1 488 546	1 427 278	1 660 924	1 851 783
Bamboo shoot	3 213 410	4 230 301	5 950 859	6 223 127
Cabbage	2 845 032	3 082 021	3 489 946	3 374 816
Watermelon	2 443 611	2 481 386	2 649 278	2 540 941
Cantaloupe	1 728 389	1 913 219	1 368 948	1 346 172
Mildew	2 857 846	2 980 841	3 191 408	3 662 672
Mushroom	276 326	264 410	279 738	276 568
Shiitake	2 581 519	2 716 432	2 911 670	3 386 104
Fruits	62 300 900	67 665 646	65 595 349	68 146 840
Banana	3 271 740	3 749 844	3 299 602	4 536 205
Pineapple	7 697 767	8 356 999	6 675 357	6 498 808
Ponkan	2 003 960	2 268 213	2 023 342	2 114 469
Wentan pomelo	1 850 496	1 986 418	1 857 819	1 633 471
Liucheng	1 977 240	2 168 139	2 015 906	2 287 126
Longan	2 816 447	2 875 406	2 769 603	3 169 370
Mango	6 074 843	6 400 061	6 792 447	6 626 867

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

## agricultural production

Thousand NT\$

2009	2010	2011	2012	2013 <sup>r</sup>	2014
407 169 198	426 867 099	475 731 535	477 637 601	482 493 467	520 857 169
178 817 249	188 678 050	209 846 336	222 634 079	230 456 822	246 981 579
33 775 015	30 355 766	38 145 866	39 746 469	36 983 554	41 479 191
7 566 855	8 352 689	8 870 591	8 286 146	9 198 862	12 380 698
689 718	399 580	360 907	290 409	354 958	559 730
1 138 524	1 031 716	1 198 641	1 216 293	1 420 672	1 670 167
2 336 188	2 384 772	3 069 487	3 395 916	3 697 016	4 476 160
2 762 760	3 467 744	3 159 771	2 491 497	2 662 031	4 454 733
10 073	108 680	88 174	92 516	85 605	57 289
567 899	737 962	804 959	515 131	705 627	787 204
5 489	5 092	2 618	3 981	43 960	52 788
8 416 737	10 537 316	12 237 649	12 169 050	12 270 736	12 801 692
585 018	794 306	839 674	630 723	530 802	519 798
476 754	408 093	322 543	297 299	287 079	403 980
4 906 438	6 410 527	6 894 424	6 735 506	6 917 312	7 523 876
378 684	354 166	347 379	332 751	346 851	339 820
168 784	152 833	175 170	136 008	316 894	530 158
47 568 073	51 087 595	55 646 218	61 545 259	61 407 066	59 954 254
731 414	746 634	641 325	733 347	867 419	883 455
2 895 013	2 946 943	2 999 101	4 386 706	4 304 797	3 857 171
2 231 998	3 144 130	2 367 004	2 524 988	2 459 814	1 887 168
1 823 683	1 948 911	2 083 534	1 998 925	2 328 142	2 573 870
6 904 640	7 725 999	7 992 818	7 471 248	7 155 400	7 280 672
3 289 823	3 097 297	3 460 109	5 155 979	5 400 896	4 806 844
2 437 337	2 485 170	2 843 300	3 159 871	2 764 964	3 090 485
1 131 789	1 234 681	1 481 827	1 290 118	1 445 398	1 398 186
3 542 048	4 090 987	4 841 117	5 588 562	6 282 938	6 769 486
292 353	245 638	378 711	329 041	313 182	332 318
3 249 695	3 845 349	4 462 406	5 259 521	5 969 756	6 437 167
65 707 329	70 969 743	74 368 402	79 139 070	87 802 590	96 952 413
4 400 020	3 978 714	4 601 381	5 642 506	6 522 039	7 251 579
6 238 070	7 042 078	6 742 965	7 220 603	8 008 823	9 143 108
2 061 756	2 190 094	2 542 709	2 839 494	3 725 753	3 800 034
1 936 130	2 202 493	1 793 245	1 966 680	1 784 777	1 766 792
2 315 485	2 012 233	2 097 659	2 391 344	3 128 059	3 236 033
2 663 917	2 533 998	2 595 296	2 781 715	3 184 122	2 765 367
5 064 466	5 032 899	6 478 771	7 016 029	9 181 220	7 620 614

Table 112. Value of major

Item	2005	2006	2007	2008
Betel nuts	10 080 945	9 838 625	8 599 766	8 651 698
Guava	2 098 646	2 416 396	2 225 783	2 778 974
Wax apple	2 702 705	2 270 869	2 664 019	2 492 179
Grape	2 538 435	3 833 885	3 738 353	3 809 507
Plum	598 640	512 783	542 430	690 034
Japanese apricot	813 996	904 343	818 730	799 320
Lichee	2 274 826	2 581 886	2 941 758	2 896 173
Pear	3 904 824	4 033 099	4 700 904	4 822 569
Papaya	1 486 386	2 094 379	1 951 197	2 358 977
Sugar apple	2 531 049	2 720 159	2 916 713	2 879 343
Forestry	614 203	518 773	492 622	445 114
Timber	175 359	227 971	104 457	109 667
Saw-timber	155 110	213 967	90 830	100 653
Firewood	20 168	13 957	11 262	8 956
Tree top wood	81	47	2 364	59
Bamboo	5 247	4 241	6 514	19 925
Fishery	92 811 267	85 658 209	95 578 086	91 843 193
Deep sea fisheries	43 602 060	41 419 202	48 659 903	43 706 858
Offshore fisheries	12 634 600	9 679 224	8 602 557	9 376 801
Coastal fisheries	5 295 572	5 931 433	5 478 128	5 069 824
Marine aquaculture	3 980 526	4 063 897	4 587 107	4 300 366
Inland water fisheries	13 538	7 709	14 838	16 123
Inland water aquaculture	27 284 971	24 556 743	28 235 553	29 373 221
Livestock	126 669 708	118 125 310	124 690 058	146 104 200
Cattle	1 688 140	1 574 074	1 597 305	1 398 365
Hogs	58 811 138	55 476 552	57 003 312	68 596 020
Goats, sheep	1 239 851	1 162 570	836 828	875 185
Chicken	34 014 012	30 508 520	32 825 003	37 727 084
Duck	5 090 467	4 691 446	5 082 438	5 470 791
Geese	2 037 340	1 870 766	1 903 568	2 201 904
Cow milk	6 030 475	6 637 805	7 024 399	7 121 227
Honey	822 464	647 088	418 661	613 615
Hen egg	13 099 355	12 174 944	14 184 915	18 179 776
Duck egg	1 452 895	1 193 555	1 567 644	1 804 865

## agricultural production (continued)

Thousand NT\$

2009	2010	2011	2012	2013 <sup>r</sup>	2014
8 387 007	8 288 370	8 082 247	8 065 946	8 435 695	10 686 248
2 739 882	3 273 377	3 098 370	3 819 233	3 857 610	4 155 925
1 802 354	2 876 325	3 104 844	3 266 661	5 026 052	4 626 197
4 311 093	4 414 535	4 655 962	4 575 507	4 891 954	5 450 649
572 463	571 004	558 271	545 857	602 795	472 642
761 501	873 141	861 615	556 941	666 317	690 355
3 113 723	2 987 310	3 184 568	3 278 167	3 674 761	3 646 782
5 079 179	6 120 022	5 760 495	5 981 216	4 797 348	6 723 438
2 187 968	2 883 879	2 846 783	3 057 530	3 132 159	3 329 822
2 885 177	2 762 431	2 759 936	2 516 130	2 866 819	3 193 494
416 165	390 062	388 278	374 936	431 659	381 613
90 733	61 622	87 943	132 809	171 771	214 367
86 923	61 174	86 621	129 043	157 134	205 172
3 665	381	992	3 701	14 611	9 063
145	67	330	66	26	132
26 336	26 742	15 614	14 805	12 855	20 505
85 901 383	92 499 034	106 321 684	106 174 291	101 649 634	104 861 280
39 926 218	43 319 996	47 531 566	50 139 586	43 828 751	43 644 435
10 738 745	8 924 129	12 726 058	13 730 358	12 530 670	14 276 242
5 325 900	3 596 694	3 594 362	4 395 228	4 045 555	4 077 329
2 802 461	5 953 314	6 079 394	4 247 021	6 997 706	6 168 541
7 887	5 591	6 173	5 519	2 014	1 343
27 100 173	30 699 310	36 384 131	33 656 579	34 244 937	36 693 391
142 034 401	145 299 953	159 175 237	148 454 295	149 955 351	168 632 697
1 457 356	1 590 984	1 813 420	1 989 840	2 084 830	2 193 879
65 897 983	70 701 364	75 158 291	66 752 941	66 463 490	76 841 266
838 216	951 360	948 199	1 156 682	1 143 156	1 107 267
36 900 515	36 691 825	41 959 469	37 457 720	38 113 220	41 588 121
5 281 557	5 344 711	5 646 099	5 225 385	6 372 921	7 589 795
1 920 401	2 056 010	2 017 349	2 275 276	2 676 187	2 737 943
7 304 434	8 138 802	9 056 576	9 102 535	9 354 763	9 503 514
456 195	682 650	1 297 110	1 042 965	959 740	1 371 400
18 329 978	15 340 866	17 234 514	19 362 724	18 990 329	21 738 681
1 627 866	1 577 260	1 734 134	1 810 983	1 603 615	1 670 776

**Table 113. Production and consumption**

Item	2005	2006	2007	2008
Production, total	1 405 632	1 443 570	1 416 520	1 426 451
Calcium superphosphate	169 934	200 885	186 290	264 616
Ammonium sulphate	531 237	493 177	496 472	456 271
Urea	-	-	-	-
Potassium chloride	-	-	-	-
Calcium ammonium nitrate	-	-	-	-
Combined fertilizers	625 743	648 804	629 109	589 092
Others	78 718	100 704	104 649	116 472
Consumption, total	1 141 483	1 159 310	1 137 444	1 013 714
Calcium superphosphate	105 458	120 807	113 453	85 924
Ammonium sulphate	240 192	218 215	226 243	185 123
Urea	84 968	81 093	78 358	77 478
Potassium chloride	29 833	31 842	30 969	27 629
Calcium ammonium nitrate	6 360	8 606	6 691	2 591
Combined fertilizers	636 019	677 338	659 178	627 140
Others	38 653	21 409	22 552	7 829

**Table 114. Farm**

Item	2005	2006	2007	2008
Power tiller	44 321	42 770	40 997	33 379
Tractor	15 043	15 778	15 624	15 444
Power rice trans-planter	19 488	19 174	17 683	15 166
Power cultivated for paddy	33 879	33 853	33 250	32 029
Power grass cutter	48 570	48 864	47 353	47 225
Power sprayers	82 622	78 674	76 043	73 587
High quality power sprayers	25 260	25 671	26 419	25 784
Water pump	102 167	90 531	90 635	83 822
Rice combiner	8 401	9 422	8 030	7 190
Corn thresher	980	1 534	1 032	648
Tractor mounted seeder	748	813	890	725
Power tiller mounted seeder	1 897	1 978	1 784	1 339
Power agronomic transporter	38 621	38 537	39 037	38 353
Power tea harvester	6 105	5 733	4 332	4 343
Tobacco drier	2 964	3 344	2 743	1 333
Rice drier	25 729	26 127	26 211	18 520
Corn drier	1 138	878	948	910

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



**of chemical fertilizers**

Metric tons

2009	2010	2011	2012	2013	2014
1 326 038	1 352 858	1 463 569	1 417 442	1 467 269	1 342 107
160 778	201 276	179 274	169 966	133 976	120 767
445 372	501 210	474 325	500 702	475 200	444 103
-	-	-	-	-	-
-	-	-	-	-	-
-	282	126	-	-	-
643 528	534 644	703 486	615 992	704 216	732 158
76 360	115 446	106 358	130 782	153 877	45 079
1 042 231	1 030 819	1 008 025	1 010 722	999 908	972 277
76 868	74 283	68 614	63 284	56 679	46 740
195 301	180 802	158 733	144 802	122 277	126 619
75 636	73 420	71 966	74 931	61 856	54 399
30 244	30 210	30 909	27 565	26 796	19 346
1 019	523	438	264	166	176
652 013	661 124	653 388	679 091	713 367	707 584
11 150	10 457	23 977	20 785	18 767	17 413

**machine**

Numbers

2009	2010	2011	2012	2013	2014
31 773	31 266	27 824	21 861	20 381	23 007
15 231	16 415	18 233	16 379	16 911	19 432
14 619	14 545	15 366	8 018	9 718	9 709
27 853	28 002	29 485	22 192	23 316	25 689
41 370	41 663	40 529	36 227	33 595	30 519
69 380	55 306	54 689	43 549	39 983	43 929
23 734	19 919	22 627	13 176	12 310	8 133
70 747	91 927	60 233	35 901	31 304	25 616
6 547	6 060	6 177	4 139	4 351	4 995
379	318	356	132	130	147
689	797	741	195	177	113
761	920	815	221	731	575
35 196	29 864	37 012	27 375	21 348	23 584
3 850	4 611	3 459	1 511	1 545	1 749
2 945	1 562	1 739	1 564	2 811	2 885
12 939	9 525	10 846	12 798	13 533	14 710
910	4 297	2 398	863	646	554

Table 115. Agricultural household,

Item	2005	2006	2007	2008
Number of farm households				
by degree of engagement <sup>1</sup>	767 316	756 366	751 338	748 276
Full-time	166 056	166 439	161 817	162 880
Part-time	601 260	589 927	589 521	585 396
Full-owner farmers	671 740	655 830	648 813	644 901
Part-owner farmers	52 517	60 211	74 789	70 777
Tenants	39 074	36 412	23 835	28 668
Non-tilling farmers	3 985	3 913	3 901	3 930
Farm household population <sup>1</sup>	3 400 036	3 232 592	3 050 483	3 027 627
Number of fishery households <sup>2</sup>	131 020	125 328	123 807	132 648
Deep-sea	5 767	5 898	5 896	5 498
Inshore	31 569	28 119	27 313	28 476
Coastal	52 892	51 996	50 009	61 754
Mariculture	6 790	5 812	5 992	5 481
Inland water fishing	2 287	2 461	3 664	3 683
Inland water culture	31 715	31 042	30 933	27 756
Fishery household population <sup>2</sup>	445 693	421 253	415 706	396 147
Deep-sea	20 972	21 369	21 356	20 629
Inshore	102 077	89 796	83 429	84 192
Coastal	176 713	176 029	175 379	180 262
Mariculture	25 711	22 834	22 281	22 912
Inland water fishing	7 201	6 842	6 869	6 881
Inland water culture	113 019	104 383	106 392	81 271
Agricultural employed population <sup>1</sup>	590	554	543	535
(1 000 persons)				
Farming and hunting	535	500	497	478
Forestry	5	5	5	5
Fishery	51	50	41	52

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

<sup>2</sup> Data do not include Kinmen County and Lienchiang County before 2009.

population and employment

Numbers

2009	2010	2011	2012	2013 <sup>r</sup>	2014
744 147	776 724	777 473	779 375	780 307	...
163 239	188 871	194 827	219 889	244 814	...
580 908	587 853	582 646	559 486	535 493	...
631 880	673 944	670 143	664 570	667 168	...
80 359	54 633	62 278	82 315	78 811	...
27 977	42 754	39 653	27 760	30 350	...
3 931	5 393	5 399	4 730	3 978	...
2 983 560	2 961 874	2 944 336	2 930 689	2 988 973	...
130 231	131 594	131 540	129 906	128 334	137 360
5 367	5 253	5 134	6 037	5 850	5 998
25 246	23 232	22 773	21 670	19 577	19 951
60 099	64 913	64 358	60 371	60 557	69 257
5 724	5 928	6 188	5 916	5 899	6 569
4 170	4 291	5 520	5 206	4 308	4 357
29 625	27 977	27 567	30 706	32 143	31 228
402 695	395 698	400 535	396 154	386 817	395 014
20 034	19 484	19 100	23 022	23 203	23 037
75 179	67 452	69 509	66 962	63 647	59 407
187 593	192 147	193 470	181 608	175 306	191 577
23 191	23 460	23 367	22 083	20 481	21 516
7 239	7 298	10 519	9 923	6 826	7 722
89 459	85 857	84 570	92 556	97 354	91 755
543	550	542	544	544	548
484	497	484	489	499	501
5	5	6	5	5	5
54	48	52	50	39	42

Table 116. Available

Item	2002	2003	2004	2005	2006
Domestic production					
Cereals	1 604.6	1 467.9	1 273.6	1 284.8	1 350.7
Starchy roots	251.8	273.3	233.6	267.5	303.1
Sugars & honey	186.2	166.8	116.2	86.1	63.1
Pulses & oilseeds	86.3	82.6	76.3	60.2	80.9
Vegetables	2 852.3	2 608.7	2 626.1	2 327.6	2 499.9
Fruits	3 235.7	3 249.5	3 094.5	2 601.9	3 031.4
Meat	1 680.2	1 623.3	1 635.7	1 613.0	1 647.4
Eggs	422.3	419.7	414.9	389.0	396.9
Fish & sea food	1 408.1	1 501.8	1 291.5	1 333.9	1 292.4
Milk	380.9	376.0	344.5	324.7	341.7
Oils & fats	380.0	388.5	350.5	384.8	383.4
Wine & beer (1 000 H.L.)	4 121.5	4 050.9	4 230.9	4 262.1	4 471.4
Domestic supply					
Cereals	7 868.0	7 835.7	7 781.6	7 866.3	7 773.3
Starchy roots	1 439.8	1 534.7	1 649.5	1 576.8	1 742.8
Sugars & honey	547.5	603.8	555.8	595.2	554.8
Pulses & oilseeds	2 559.4	2 636.4	2 345.2	2 603.5	2 597.5
Vegetables	3 039.0	2 821.8	2 835.8	2 632.7	2 804.1
Fruits	3 648.7	3 583.9	3 478.6	3 105.3	3 442.6
Meat	1 860.5	1 856.4	1 892.5	1 875.6	1 926.8
Eggs	422.5	419.8	414.4	388.9	397.0
Fish & sea food	917.0	1 011.4	818.1	776.8	726.7
Milk	527.9	517.2	489.0	460.7	480.0
Oils & fats	682.3	696.0	694.0	764.7	697.3
Wine & beer (1 000 H.L.)	5 476.2	5 478.9	5 400.8	5 120.1	5 916.4
Per capita daily nutrient availability					
Energy (Kcal.)	2 866.4	2 908.3	2 830.1	2 891.3	2 759.4
Protein (Gm.)	94.9	96.1	91.9	91.6	90.1
Fat (Gm.)	124.4	124.8	120.0	126.6	118.4

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

**food supplies**

1 000 metric tons

2007	2008	2009	2010	2011	2012 <sup>r</sup>	2013
1 180.6	1 259.7	1 368.4	1 244.9	1 428.1	1 436.9	1 362.9
264.1	291.8	295.6	287.5	283.0	280.3	278.6
70.1	69.5	58.3	66.2	69.8	61.3	56.8
59.7	63.6	67.3	75.7	81.3	69.0	61.9
2 267.6	2 329.6	2 360.2	2 427.5	2 556.2	2 371.3	2 443.5
2 888.6	2 773.6	2 665.4	2 905.9	3 034.7	2 890.1	2 870.9
1 612.7	1 519.4	1 526.3	1 532.4	1 585.9	1 550.4	1 505.2
401.7	389.7	385.0	403.4	399.7	404.6	405.4
1 515.1	1 356.4	1 107.5	1 181.9	1 238.8	1 266.9	1 280.6
340.0	333.4	339.2	352.9	367.5	364.6	374.0
391.2	343.5	370.9	374.1	364.8	388.6	353.7
4 432.8	4 198.4	4 689.9	4 703.1	5 079.9	5 365.8	5 038.1
7 632.9	7 209.5	7 380.5	7 374.6	7 333.7	7 340.3	7 321.6
1 689.7	1 757.6	1 701.9	1 573.3	1 528.8	1 763.3	1 709.0
551.4	559.9	583.1	555.5	560.8	601.8	599.1
2 649.1	2 303.7	2 486.1	2 515.1	2 454.4	2 615.8	2 368.8
2 639.3	2 632.3	2 651.9	2 690.7	2 759.1	2 670.0	2 706.3
3 268.1	3 193.5	3 038.1	3 260.1	3 388.7	3 253.7	3 229.4
1 825.9	1 783.7	1 816.1	1 870.5	1 910.4	1 874.5	1 824.9
401.2	388.8	384.7	403.3	399.1	404.8	405.1
946.9	884.7	776.9	853.9	909.0	926.4	893.1
470.5	438.5	466.3	480.3	501.6	490.9	506.4
709.4	637.9	667.1	696.0	648.9	705.3	659.6
5 805.0	5 623.7	5 920.7	6 230.3	6 746.6	7 072.2	6 843.2
2 781.6	2 579.8	2 680.1	2 694.2	2 674.8	2 730.2	2 643.4
92.0	84.5	86.8	88.3	89.7	89.5	87.3
119.1	107.5	111.6	115.2	111.7	115.2	107.5

Table 117. Agricultural, forest and aquaculture land areas

Hectares

End of Year	Cultivated land <sup>1</sup>					Forest land area	Aquaculture area <sup>2</sup>			
	Total	Paddy field			Upland field					
		Sub-total	Double-cropping	Single-cropping						
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	58 486			
1991	884 443	472 759	333 448	139 311	411 684	1 846 970	58 466			
1992	875 951	465 016	328 152	136 864	410 935	1 846 970	58 413			
1993	874 535	463 560	329 660	133 900	410 975	1 866 208	56 639			
1994	872 307	461 226	329 227	131 999	411 081	2 102 312	55 304			
1995	873 378	459 335	329 106	130 229	414 043	2 102 312	55 915			
1996	872 159	456 167	328 134	128 033	415 992	2 101 719	52 242			
1997	864 817	454 865	324 867	129 998	409 952	2 101 719	48 534			
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			
End of Year	Agricultural land area <sup>3</sup>								Forest land area	Aquaculture area <sup>2</sup>
	Grand total	Cropland						Abandoned field		
		Total	Short-term cropland			Permanent cropland				
		Sub-total	Rice	Temporary crops, excluding rice	Short-term fallow					
2005	833 176	789 592	480 417	158 452	133 582	188 383	309 174	43 585	2 101 719	41 718
2006	829 527	785 226	478 304	155 248	130 342	192 714	306 922	44 301	2 101 719	43 163
2007	825 947	780 182	477 006	155 459	134 099	187 447	303 177	45 765	2 101 719	41 556
2008	822 364	776 451	477 358	148 333	132 008	197 016	299 093	45 913	2 101 719	43 255
2009	815 462	768 545	475 690	151 338	128 647	195 705	292 855	46 917	2 101 719	41 013
2010	813 126	761 821	479 639	139 941	136 899	202 799	282 182	51 305	2 101 719	40 301
2011	808 294	755 355	479 332	153 405	119 314	206 613	276 022	52 939	2 101 719	40 448
2012	802 876	752 108	482 915	156 662	120 151	206 102	269 193	50 768	2 101 719	40 194
2013	799 830	751 151	485 622	162 869	106 286	216 467	265 529	48 679	2 101 719	38 823
2014	799 611	748 613	484 594	166 602	96 503	221 489	264 019	50 999	2 101 719	36 230

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

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

<sup>3</sup> Agricultural land refers to land which can be cultivated crops in, no matter it has been cultivated or not. 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, Ministry of Economic Affairs. Data on construction of building are excerpted from the *Monthly Bulletin of Interior Statistics* 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-Fukien 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” compiled by the 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’s 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.

**Table 118. Indices of**

2011 = 100

Item	2002	2003	2004	2005	2006
General	60.88	66.42	72.59	75.00	78.60
Mining & quarrying	157.15	145.97	140.32	127.09	120.75
Crude petroleum & natural gas extraction	272.60	259.19	239.11	172.26	144.19
Sand, stone & clay quarrying	133.52	121.10	119.33	121.24	121.10
Other mining & quarrying	73.91	82.86	106.54	124.63	117.56
Manufacturing	58.67	64.27	70.68	72.94	76.30
Food	101.00	99.68	97.06	98.59	98.21
Beverages	74.71	77.44	75.67	76.89	78.28
Tobacco	90.97	96.18	76.48	80.80	76.10
Textile mills	144.54	137.73	140.90	123.19	119.26
Wearing apparel & clothing accessories	287.18	255.90	235.41	197.39	178.26
Leather, fur & related products	185.80	180.46	183.92	176.91	154.35
Wood & bamboo products	167.79	153.78	147.19	132.96	128.29
Pulp, paper & paper products	96.19	105.13	108.80	106.94	103.03
Printing & reproduction of recorded media	71.44	82.96	93.30	101.36	99.02
Petroleum & coal products	90.76	104.88	122.90	127.54	120.53
Chemical material	73.64	79.88	85.21	85.07	87.49
Chemical products	78.06	80.84	87.88	87.30	90.48
Pharmaceuticals & medicinal chemical products	73.43	79.24	84.71	83.45	83.69
Rubber products	84.03	90.69	98.43	94.16	91.28
Plastic products	121.71	123.10	126.10	118.83	111.31
Non-metallic mineral products	98.84	101.49	105.18	103.67	101.75
Basic metal	81.11	84.63	89.19	84.61	91.99
Fabricated metal products	93.30	95.06	98.25	94.97	96.19
Electronic parts & components	22.21	27.75	33.47	41.69	51.55
Computers, electronic & optical products	51.82	55.22	57.09	57.00	53.22
Electrical equipment	116.58	121.70	124.69	116.62	108.32
Machinery & equipment	59.06	65.14	74.57	77.64	81.23
Motor vehicles & parts	83.63	95.99	111.48	114.08	93.54
Other transport equipment & parts	73.27	76.69	94.36	103.97	98.50
Furniture	121.07	107.62	114.17	109.63	109.49
Manufacturing not elsewhere classified	89.83	91.76	94.32	94.42	91.16
Electricity and gas supply	85.72	89.39	92.38	96.29	98.69
Water supply	97.12	99.23	98.95	99.48	102.31
Buildings construction	100.97	110.07	115.33	128.46	140.05



**industrial production**

2007	2008	2009	2010	2011	2012	2013	2014
84.70	83.73	77.11	95.75	100.00	99.75	100.40	106.80
100.25	95.68	87.63	107.67	100.00	97.27	92.33	90.70
128.71	110.62	108.62	90.55	100.00	131.57	113.85	114.66
97.39	96.41	85.96	107.95	100.00	95.84	91.29	89.41
137.71	157.55	155.55	140.56	100.00	102.64	107.27	118.69
82.66	81.92	75.53	95.52	100.00	99.68	100.24	106.89
97.02	93.90	93.85	99.30	100.00	100.68	100.65	99.95
78.16	78.45	83.66	91.59	100.00	102.49	97.89	99.21
80.33	82.41	86.90	89.85	100.00	105.56	104.78	100.38
118.68	106.53	94.92	106.55	100.00	96.85	98.82	98.39
160.64	133.21	105.78	115.41	100.00	89.00	82.25	82.38
137.20	122.63	108.74	119.44	100.00	93.95	87.76	88.37
115.43	102.87	84.96	94.23	100.00	99.95	100.30	98.97
104.94	99.32	94.20	99.57	100.00	99.90	99.28	100.63
99.60	100.01	90.31	98.98	100.00	94.34	90.51	87.99
122.43	111.84	112.52	107.87	100.00	106.78	110.36	111.37
98.67	91.88	98.54	107.00	100.00	102.79	103.60	101.63
90.26	87.95	82.06	99.02	100.00	97.38	100.69	102.57
87.84	89.83	95.84	100.47	100.00	103.59	104.28	100.59
95.84	93.64	77.71	99.57	100.00	95.26	94.10	99.56
111.47	101.38	86.67	98.96	100.00	99.67	98.85	101.66
99.87	92.41	80.06	93.91	100.00	94.83	94.09	95.20
93.41	86.10	75.23	96.06	100.00	95.98	98.89	103.21
95.60	92.22	72.11	91.30	100.00	96.35	98.08	102.07
63.47	69.61	67.87	96.73	100.00	105.37	109.68	122.52
57.62	59.91	50.64	71.48	100.00	87.34	78.26	87.82
101.37	95.59	80.42	98.75	100.00	95.17	92.85	96.46
89.00	83.82	57.01	91.64	100.00	90.84	84.88	94.94
88.20	72.98	70.98	92.47	100.00	100.39	98.24	106.37
109.65	120.70	88.97	97.32	100.00	105.11	105.50	111.70
113.91	106.14	85.95	100.30	100.00	102.09	101.20	105.48
93.66	92.19	84.33	99.32	100.00	103.14	105.45	117.05
101.59	99.64	96.98	99.38	100.00	99.18	101.26	102.53
102.59	100.76	98.47	99.80	100.00	99.40	100.10	100.61
139.37	126.46	102.33	92.95	100.00	107.12	111.07	122.80

Table 119. Indices of

2011 = 100

Item	2002	2003	2004	2005	2006
Index of manufacturing production	58.67	64.27	70.68	72.94	76.30
By four industries					
Metal & machinery industry	70.45	74.77	92.85	91.37	92.55
Information & electronic industry	32.48	38.16	37.66	44.21	51.36
Chemistry industry	80.06	87.70	96.52	96.14	95.62
Food, textile & other industry	108.92	107.25	107.08	103.67	101.59
By heavy or light industries					
Light industry	106.18	106.75	109.07	105.70	102.34
Heavy industry	50.69	57.08	64.10	67.27	71.72
By usage					
Final demand goods	78.49	81.75	86.47	86.15	83.27
Investment goods	71.31	71.98	78.13	77.72	78.29
Capital goods	63.61	65.11	70.17	70.23	70.63
Construction materials	105.19	101.00	112.59	110.18	111.46
Consumer goods	83.17	88.29	91.95	91.71	86.34
Durable goods	106.75	124.78	136.11	137.86	114.71
Non-durable goods	77.78	80.01	81.94	81.23	79.99
Producer goods	51.46	57.92	64.94	68.15	73.81
For mining & Mfg. goods	51.11	57.36	63.81	67.03	72.87
Other producer goods	79.53	91.67	108.58	110.95	107.65
By intensities					
Labor					
High intensity	76.70	85.09	94.22	93.36	92.06
Medium intensity	38.00	42.08	47.84	53.01	58.41
Low intensity	65.92	70.71	75.26	77.48	82.84
Capital					
High intensity	49.62	54.72	61.28	64.93	71.03
Medium intensity	70.83	77.77	84.63	84.80	83.90
Low intensity	105.25	109.24	113.71	111.41	108.95
Energy					
High intensity	75.98	82.93	88.75	87.13	89.38
Medium intensity	46.06	51.83	59.59	63.94	71.93
Low intensity	51.77	55.89	61.02	64.85	65.80
Human capital					
High intensity	37.66	42.95	49.61	55.46	61.03
Medium intensity	85.54	91.33	95.84	93.81	94.64
Low intensity	123.81	123.44	125.20	117.81	113.46
Index of producer's shipments	63.16	67.33	73.53	77.67	80.99
Index of producer's inventory	75.03	75.45	78.87	85.10	85.40

**manufacturing production**

2007	2008	2009	2010	2011	2012	2013	2014
82.66	81.92	75.53	95.52	100.00	99.68	100.24	106.89
94.10	88.42	72.09	94.18	100.00	95.91	95.58	101.52
61.71	67.06	63.89	90.89	100.00	101.20	102.42	114.50
102.04	95.71	96.07	104.54	100.00	101.66	102.40	101.85
100.82	95.37	89.31	99.09	100.00	99.58	99.50	101.04
101.84	96.83	89.57	99.60	100.00	99.57	98.71	100.19
79.17	79.14	72.92	94.76	100.00	99.70	100.52	108.14
84.77	81.90	71.85	88.00	100.00	94.42	90.21	96.13
84.40	83.24	68.81	89.77	100.00	94.91	93.07	105.66
80.10	81.01	65.95	89.56	100.00	94.53	92.03	107.13
103.60	93.74	81.76	90.71	100.00	96.62	97.79	98.99
84.50	80.42	73.60	86.98	100.00	94.15	88.57	90.67
104.85	97.81	80.04	95.50	100.00	102.66	96.20	96.52
80.02	76.62	72.33	85.30	100.00	92.46	87.06	89.51
81.97	82.02	76.96	98.46	100.00	101.73	104.16	111.10
81.05	81.18	75.99	98.25	100.00	101.62	104.02	111.15
113.82	110.28	111.79	106.15	100.00	105.64	109.12	109.10
92.90	90.15	74.78	95.95	100.00	100.70	100.49	110.20
68.13	69.20	68.14	91.55	100.00	97.18	98.32	106.73
90.83	90.06	85.76	100.13	100.00	101.77	102.42	103.56
79.63	79.26	76.80	97.86	100.00	102.62	105.89	114.60
87.06	85.93	73.06	91.99	100.00	95.28	92.05	95.78
105.67	101.02	91.02	97.18	100.00	100.59	95.37	98.47
92.83	86.59	82.18	101.07	100.00	103.34	106.81	113.86
79.24	79.68	72.79	94.62	100.00	101.04	102.65	109.04
73.59	76.48	69.09	89.27	100.00	94.29	90.58	96.91
70.22	73.03	68.75	92.57	100.00	100.31	101.41	111.50
97.54	92.57	83.26	98.82	100.00	98.07	97.97	100.37
113.31	102.86	96.63	105.38	100.00	107.74	107.09	106.69
87.72	87.46	83.12	97.17	100.00	99.47	98.09	101.90
87.64	95.76	88.49	89.18	100.00	106.33	106.79	104.97

Table 120. Production of major

Item	Unit	2005	2006	2007 <sup>r</sup>
Frozen meat & frozen prepared food	M.T.	431 292	438 974	458 405
Prepared animal feeds	M.T.	5 218 070	5 182 519	5 094 553
Wine & liquor (excl. beer)	H.L.	575 050	563 674	585 257
Fruit & vegetable juice	1 000 L	330 914	307 959	313 039
Carbonated beverage	1 000 L	383 796	344 789	301 882
Polyester textured yarn fabrics	1 000 M <sup>2</sup>	1 380 857	1 217 876	1 404 911
Non-woven fabrics	M.T.	149 264	153 769	137 719
Paper board	M.T.	3 377 999	3 350 646	3 406 476
Toilet soap	M.T.	6 802	6 555	5 922
Synthetic detergent	M.T.	115 504	119 001	126 483
Automobile tire	1 000 Pcs.	23 225	22 316	23 592
Sheet glass	M.T.	483 885	509 359	630 599
Ceramic tiles	1 000 M <sup>2</sup>	53 085	52 889	49 079
Cement	M.T.	19 890 989	19 293 803	18 957 336
Steel bloom & billet	M.T.	16 198 228	17 705 543	19 264 873
Re-bar	M.T.	6 800 478	7 408 582	6 234 383
Aluminium & aluminium alloy ingots	M.T.	250 717	250 592	284 325
IC manufacturing (Excl. MOS DRAM)	1 000 Pcs.	1 497 305	1 976 447	1 759 397
Printed circuit board	1 000 Ft <sup>2</sup>	641 843 686	685 488 490	622 179 999
Light emitting diode	1 000 Pcs.	9 294 939	11 722 524	15 867 631
Portable computer	Sets	4 415 887	3 050 526	1 256 527
LCD displays	Sets	2 280 248	1 412 556	1 343 071
Telephone set	Sets	927 461	986 421	674 791
Refrigerator for household use	Sets	461 005	448 582	456 228
Washing machine	Sets	313 547	307 371	332 537
Electric fan	Sets	8 547 215	6 901 593	7 244 177
NC lathe & general lathe	Sets	24 612	22 543	24 063
Milling machine	Sets	13 672	12 975	12 969
Sawing machine	Sets	59 915	55 617	59 590
Press machine	Sets	6 909	6 978	6 421
Sewing machines	Sets	1 762 614	1 490 264	1 356 491
Passenger car	Sets	363 562	234 437	213 136
Truck, bus & commercial van	Sets	76 889	66 957	68 759
Engine & parts for motor vehicles	Million NT\$	13 417	11 549	12 588
Bicycle	Sets	4 867 944	4 415 365	5 125 628
Wood furniture & fixtures	Million NT\$	7 989	7 784	7 884
Golf equipment	Million NT\$	14 782	11 166	11 589
Toy & doll	Million NT\$	8 864	8 314	8 051

**manufactured goods**

2008 <sup>r</sup>	2009 <sup>r</sup>	2010 <sup>r</sup>	2011 <sup>r</sup>	2012 <sup>r</sup>	2013 <sup>r</sup>	2014
445 345	480 744	487 249	507 041	517 704	516 939	519 284
5 105 712	5 158 845	5 180 805	5 256 373	5 250 978	5 098 034	5 160 507
594 073	833 291	1 068 764	1 320 965	1 330 765	1 257 708	1 260 690
360 888	378 463	343 008	271 801	281 158	282 511	268 384
282 172	307 521	293 238	306 073	288 609	276 353	268 877
1 202 946	1 083 390	1 209 452	1 092 395	1 029 095	1 084 851	1 108 686
138 674	125 393	136 604	129 960	130 456	144 520	156 569
2 909 620	2 775 312	2 850 379	2 931 064	3 073 574	3 054 693	3 083 250
5 112	5 314	5 425	5 827	5 932	6 000	5 825
123 737	120 247	124 428	116 899	120 667	115 828	110 204
21 361	19 254	24 509	23 330	22 050	22 234	21 967
574 241	375 695	473 945	474 568	402 017	404 835	390 865
40 929	33 045	38 662	41 593	44 742	46 374	48 055
17 330 277	15 918 474	16 300 989	16 852 035	15 807 591	16 553 533	14 591 672
17 892 679	14 085 597	18 975 383	21 639 533	19 926 993	21 466 231	22 511 346
5 223 157	4 575 570	5 358 318	5 977 097	5 720 702	5 618 865	5 871 207
273 526	266 372	317 414	304 888	320 000	328 826	352 650
1 799 513	2 082 595	2 786 383	3 090 729	3 540 387	4 058 783	4 277 202
623 584 891	611 638 722	926 442 445	997 112 449	1 073 119 321	869 252 197	944 275 622
18 459 907	19 337 273	30 713 647	35 182 182	33 510 662	36 393 438	41 677 217
754 260	373 964	327 551	3 197 828	750 066	458 223	878 258
962 329	978 921	1 230 225	1 252 565	1 209 206	905 961	1 251 698
496 346	445 124	429 950	419 560	381 254	287 922	356 575
310 140	389 321	391 746	333 924	435 169	416 585	403 658
301 647	336 660	325 182	311 711	415 921	336 954	331 181
5 818 805	5 123 367	7 180 808	6 208 385	6 607 689	6 349 248	5 612 832
22 947	9 019	20 475	24 515	24 412	20 739	21 376
11 746	5 284	9 734	10 627	9 177	7 905	8 526
47 799	22 475	34 039	37 599	34 340	36 892	39 465
4 568	1 937	3 838	3 456	2 855	2 473	2 638
1 416 372	1 118 353	1 374 189	1 357 575	1 345 410	1 266 027	1 238 271
137 559	178 275	233 813	270 563	266 003	274 462	318 561
41 493	46 923	67 434	70 624	70 757	61 484	62 942
12 371	11 015	13 145	13 710	13 921	12 434	12 589
6 144 069	4 793 394	5 142 914	4 555 289	4 564 330	4 058 419	3 826 181
7 531	6 439	7 407	7 349	7 188	6 989	7 013
9 879	8 021	9 898	9 330	12 048	11 009	10 789
7 298	6 635	7 516	7 701	8 594	6 485	7 818

Table 121.

Item	2003 <sup>r</sup>	2004 <sup>r</sup>	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>
<b>Total supply</b>	<b>119 583</b>	<b>132 608</b>	<b>133 679</b>	<b>136 530</b>	<b>144 192</b>
Indigenous energy	2 694	2 713	2 577	2 584	3 151
Crude oil	46	45	32	24	18
Natural gas	739	707	487	412	371
Biomass and waste	1 530	1 559	1 570	1 629	2 193
Conventional Hydropower	290	307	381	391	422
Solar photovoltaic & wind power	2	2	9	27	42
Solar thermal	88	93	98	102	105
Imported energy	116 889	129 895	131 103	133 946	141 041
Coal & coal products	36 332	39 982	39 704	41 135	43 202
Crude oil & petroleum products	61 993	69 404	70 450	71 100	75 249
L.N.G.	7 301	9 073	9 373	10 164	10 850
Biomass and waste	-	-	-	-	0
Nuclear power	11 263	11 436	11 576	11 546	11 740
<b>Total demand</b>	<b>119 583</b>	<b>132 608</b>	<b>133 679</b>	<b>136 530</b>	<b>144 192</b>
Domestic consumption	99 021	103 173	105 204	107 398	112 664
By sector					
Energy sector own use	8 229	8 519	8 955	9 038	8 840
Energy use	74 221	77 182	79 090	80 738	81 802
Non-energy use	16 571	17 473	17 159	17 622	22 022
By final energy form					
Coal & coal products	7 643	7 681	7 524	8 028	8 862
Petroleum products	41 744	43 650	43 668	43 330	46 327
Natural gas	2 190	2 324	2 319	2 331	2 433
Biomass and waste	180	165	165	158	197
Electricity	47 142	49 226	51 312	53 283	54 532
Solar thermal	88	93	98	102	105
Heat	34	34	117	166	207
Exports	11 123	14 784	17 064	16 293	19 307
International marine bunkers	3 430	2 772	2 720	2 683	2 401
International civil aviation	1 921	2 193	2 272	2 365	2 336
Change in stocks	- 1 097	3 124	577	1 711	- 196
Transfers	6 250	6 481	7 400	6 507	7 787
Statistical difference	- 135	606	- 1 210	64	632
Transformation input	105 863	115 287	120 707	121 178	123 246
Transformation output	108 865	117 891	123 247	123 987	126 250
Loss	2 072	2 079	2 192	2 318	2 265
Consumption per capita (LOE)	4 402	4 570	4 644	4 723	4 935

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

## Energy

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

2008 <sup>r</sup>	2009 <sup>r</sup>	2010 <sup>r</sup>	2011 <sup>r</sup>	2012 <sup>r</sup>	2013 <sup>r</sup>	2014
<b>139 162</b>	<b>136 268</b>	<b>142 501</b>	<b>138 237</b>	<b>140 768</b>	<b>143 136</b>	<b>147 453</b>
3 010	2 860	2 796	2 864	3 073	3 007	2 894
16	16	14	11	11	11	9
318	312	263	293	393	339	337
2 099	1 984	1 903	1 914	1 861	1 837	1 827
412	358	401	382	542	518	413
57	76	101	149	152	189	196
110	113	114	113	114	113	112
136 152	133 408	139 705	135 372	137 695	140 129	144 559
41 999	38 251	41 748	43 378	41 788	43 156	43 053
70 451	71 519	71 376	63 811	67 507	68 115	71 541
11 879	11 599	14 526	15 986	16 694	16 799	17 689
0	0	0	0	0	0	0
11 823	12 039	12 056	12 197	11 706	12 059	12 276
<b>139 162</b>	<b>136 268</b>	<b>142 501</b>	<b>138 237</b>	<b>140 768</b>	<b>143 136</b>	<b>147 453</b>
109 439	107 126	113 715	112 222	111 836	114 545	115 325
8 099	7 784	8 068	8 045	7 918	7 864	7 744
79 556	76 297	81 416	82 837	81 537	82 529	82 985
21 783	23 045	24 231	21 340	22 381	24 152	24 595
8 444	7 811	9 109	9 681	9 553	10 322	9 601
44 036	44 922	46 291	42 811	42 852	44 301	44 447
2 505	2 505	2 976	3 422	3 747	3 711	3 714
211	173	203	188	174	163	184
53 971	51 306	54 675	55 686	55 052	55 626	56 981
110	113	114	113	114	113	112
163	296	347	322	344	310	286
18 934	20 788	17 584	14 879	18 235	18 831	18 805
2 068	1 831	1 978	1 809	1 313	1 360	1 304
2 062	1 949	2 199	2 194	2 306	2 445	2 667
720	- 1 263	- 35	- 704	241	- 296	1 722
7 502	6 414	7 072	6 722	6 939	6 888	6 580
438	- 454	718	1 218	6	764	626
117 684	116 682	121 014	120 117	125 183	122 803	126 488
121 713	119 017	124 044	122 614	127 461	125 977	128 225
2 027	2 212	2 300	2 394	2 171	1 773	2 162
4 778	4 662	4 937	4 862	4 831	4 934	4 957

Table 122. Construction of building

Thousand M<sup>2</sup>

Year	Indexes of buildings construction 2011 = 100	Issued building usage license							
		Total	By material					Wood	Others
			Reinforced concrete	Steel frame & reinforced concrete	Steel	Brick			
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	
2014	122.80	31 718	22 977	2 727	5 716	168	40	90	

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 Ministry of Transportation and Communications. On the front of tourism, the information is contained in the relative report on tourism statistics published by the Tourism Bureau. Visitor arrivals by length of stay and visitor expenditure in Taiwan are from the *Survey Report on Visitors Expenditure and Trends in Taiwan* published by the Tourism Bureau, M.O.T.C. Besides, data of communications except for internet users obtained from Institute for Information Industry come from National Communications Commission.

The survey of visitors expenditure and trends in Taiwan is conducted once a year. The objects of this survey are the foreign and overseas Chinese inbound visitors(excluding the foreign and overseas Chinese transit visitors). The survey adopts the "Quota Sampling" method to draw an effective sample of 6,033 visitors receiving interview at the check-in counters of Taiwan Taoyuan International Airport, Kaohsiung International Airport, Taipei Songshan Airport and Taichung Airport.

Passenger-kilometers (or Ton-Kilometer) -- The passenger-kilometers, a unit used to measure the passenger transportation volume, refers to carrying a passenger for a distance of one kilometer. The number of passengers refer 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, 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)
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	22 826	853	17 040	29 551	5 960	1 043
2012 r	24 208	833	17 586	29 851	6 091	1 055
2013 r	25 323	729	17 928	38 474	6 237	1 070
2014	26 340	683	18 382	37 852	6 406	1 087

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
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
2014	3 636	132	47 960	177 777	597 699	576 499

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
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 r	168 795	166 872	9 233	26 546	36 925	932 985
2010 r	171 086	189 323	9 733	31 106	36 675	1 163 941
2011 r	179 803	205 337	10 484	32 133	35 899	1 108 646
2012 r	174 572	230 123	10 680	35 899	36 153	1 102 077
2013 r	179 257	247 378	10 547	39 385	35 543	1 082 510
2014	184 179	270 732	10 563	44 391	35 100	1 144 636

**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)	
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
2014	26 535	12 055	175.91	51.4	1 110

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
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
2014	740 936	2 960 807	286 519	794 239

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
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
2014	2 544	1 920	11 516	2 755	3 054	23 562	25 908

**Table 129. Visitor arrivals by purpose of visit**

Year	Total	Pleasure	Business	Visit relatives	Study	Conference	Exhibitions	Medical treatment	Persons
									Others
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
2014	9 910 204	7 192 095	769 665	393 656	56 562	63 135	13 316	60 951	1 360 824

Table 130. Number of foreign visitor

Resident	1995	1996	1997	1998	1999	2000	2001	2002	2003
Grand Total	2 066 333	2 088 539	2 115 641	2 031 811	2 115 653	2 310 670	2 291 871	2 354 017	1 812 034
Asia	1 566 025	1 572 539	1 571 044	1 478 765	1 546 893	1 690 232	1 704 449	1 747 685	1 336 849
Hong Kong,Macao	39 269	45 998	50 557	54 574	63 323	73 708	80 752	76 690	56 076
Japan	907 338	911 777	900 714	822 817	823 799	914 884	970 741	985 564	655 131
Korea	140 469	121 399	94 632	59 766	74 411	82 480	82 081	79 874	90 174
India	9 553	10 320	11 438	11 672	11 498	13 195	13 062	13 945	12 405
Middle East	10 066	9 759	11 321	11 147	10 578	11 202	9 194	9 929	7 696
Malaysia	53 620	55 430	54 022	48 904	52 358	57 728	56 615	64 483	66 487
Singapore	69 665	77 642	81 356	86 695	85 569	94 691	96 645	107 069	78 300
Indonesia	45 857	50 505	54 092	47 415	76 424	106 787	89 027	86 098	37 116
Philippines	89 490	104 525	112 844	120 543	120 319	83 137	68 955	74 022	75 851
Thailand	146 632	120 089	121 534	127 987	137 664	132 998	116 296	105 688	97 478
Others	54 066	65 095	78 534	87 245	90 950	119 422	121 081	144 323	160 135
America	311 180	318 245	337 610	345 771	357 455	405 749	388 507	406 227	311 594
Canada	25 944	29 580	31 762	33 360	34 568	38 016	40 176	42 815	33 873
U.S.A.	273 606	277 236	293 681	300 753	311 995	356 535	338 548	353 411	270 523
Mexico	1 034	1 325	1 490	1 679	1 694	1 876	1 605	2 195	1 213
Brazil	4 095	3 508	3 479	3 247	2 467	2 767	2 155	2 206	1 823
Others	6 501	6 596	7 198	6 732	6 731	6 555	6 023	5 600	4 162
Europe	143 700	151 564	158 349	159 659	161 377	160 728	147 610	146 730	118 273
Belgium	3 745	3 971	3 861	4 079	4 098	4 147	3 506	3 833	3 014
France	21 587	21 716	22 674	23 515	23 508	23 675	20 988	20 179	15 188
Germany	32 667	33 677	34 492	35 187	34 096	34 769	33 687	33 470	28 476
Italy	12 239	11 511	12 257	11 720	11 329	12 055	10 639	10 664	7 678
Netherlands	9 935	10 436	10 814	11 190	14 235	12 592	11 032	10 237	8 022
Switzerland	6 238	6 035	6 602	6 390	6 452	6 325	5 909	5 639	4 486
Spain	3 685	3 714	4 036	3 892	3 875	4 063	3 736	3 826	2 763
U.K.	28 796	30 426	32 737	33 505	33 136	35 471	33 569	34 082	28 316
Others	24 808	30 078	30 876	30 181	30 648	27 631	24 544	24 800	20 330
Oceania	31 372	32 100	34 367	34 153	35 541	38 049	36 141	37 849	31 849
Australia	26 112	26 844	28 674	28 737	29 731	31 711	29 978	31 477	26 287
New Zealand	4 875	4 952	5 302	5 045	5 357	5 973	5 768	6 124	5 272
Others	385	304	391	371	453	365	395	248	290
Africa	9 839	9 345	8 808	7 728	7 716	8 667	8 663	9 120	7 375
Others	4 217	4 746	5 463	5 735	6 671	7 245	6 501	6 406	6 094



**arrivals by residence**

Persons

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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	4 687 048
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	3 754 200
70 878	77 275	77 549	79 548	78 628	84 685	93 662	97 222	109 735	120 924	119 405
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	1 633 608
144 769	178 964	192 521	222 347	247 815	164 152	213 863	239 740	255 990	348 125	524 975
16 255	17 475	18 020	19 954	19 951	18 532	23 826	23 903	23 226	23 300	30 144
12 598	13 431	12 692	13 327	12 402	12 075	13 450	13 689	12 920	13 630	17 150
92 272	107 084	114 761	140 720	155 073	166 354	285 038	307 301	340 399	393 699	438 621
116 445	165 666	183 511	204 015	204 967	194 129	241 008	299 238	326 876	364 348	375 940
43 694	88 086	90 593	95 327	110 017	106 272	123 409	155 881	163 188	170 877	182 335
82 319	87 205	75 240	80 117	83 056	73 182	84 464	98 740	102 387	97 175	134 569
101 989	92 584	94 644	89 137	83 685	77 344	91 657	101 695	96 698	103 357	104 172
194 225	157 127	145 488	153 238	133 456	157 163	210 512	143 309	139 483	170 068	193 281
440 887	453 271	457 167	464 911	456 494	436 859	469 099	489 442	491 814	497 550	560 904
49 891	53 838	53 225	56 554	59 605	59 490	64 074	67 049	70 081	72 254	88 234
380 210	388 153	392 004	395 036	383 747	365 266	391 440	408 054	406 806	410 295	455 226
2 144	1 999	2 097	2 445	2 190	1 773	2 116	1 996	2 310	2 290	3 163
2 720	2 819	3 028	3 794	3 859	3 402	3 870	3 956	3 870	3 664	4 283
5 922	6 462	6 813	7 082	7 093	6 928	7 599	8 387	8 747	9 047	9 998
164 032	171 665	171 816	185 553	199 952	196 120	202 394	211 422	217 359	222 561	264 408
3 801	4 208	3 832	4 082	4 147	4 479	4 419	4 332	4 766	4 740	5 342
21 152	21 785	22 372	23 693	23 956	24 975	26 249	28 909	31 304	32 244	36 249
37 063	39 626	38 602	39 372	40 129	39 372	42 280	44 506	44 915	46 416	52 418
10 302	10 913	10 722	11 402	12 694	12 202	12 211	12 387	12 902	13 651	14 891
11 173	12 084	11 418	12 373	12 056	11 164	13 086	14 338	15 727	16 419	18 480
6 114	6 341	6 360	6 719	6 225	6 393	6 509	6 897	7 515	7 997	8 675
4 367	4 579	4 566	4 865	5 360	5 586	5 720	6 170	6 127	7 092	8 356
36 913	35 748	35 794	39 758	48 176	44 619	44 242	43 278	42 658	42 367	58 103
33 147	36 381	38 150	43 289	47 209	47 330	47 678	50 605	51 445	51 635	61 894
50 294	55 185	51 433	61 146	67 930	65 551	71 424	70 018	74 971	77 152	92 576
41 529	46 017	42 114	51 270	57 725	56 697	61 831	59 623	63 209	65 297	78 176
7 512	8 015	8 189	8 612	8 972	7 850	8 546	9 366	10 690	10 650	12 853
1 253	1 153	1 130	1 264	1 233	1 004	1 047	1 029	1 072	1 205	1 547
9 538	9 018	8 714	8 414	8 334	7 578	8 076	8 714	8 687	8 608	9 788
2 934	1 982	1 947	6 615	15 888	11 113	25 136	35 414	36 956	64 133	5 172

**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\$)	
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
2014	9 910 204	23.6	14 615	18.6	1 474.7	221.8	6.7

## FINANCE AND INSURANCE

This chapter is concerned with statistical data on financial statistics, balance of payments and insurance. 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. The monetary financial institutions are grouped according to whether they are able to create money, and they 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, which is 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 Passche 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 institutions. 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 <sup>1</sup> (NT\$ per US\$)		Monetary aggregates (M <sub>1B</sub> ) (100 Million NT\$)	Reserve money (100 Million NT\$)
	Buying	Selling		
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
2014	31.718		143 101	32 633

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

**Table133. International liquidity**

End of Year	International reserves minus gold (Million US\$)		Gold reserves	
	Total	Foreign exchange	Million US\$	Millions fine troy ounces
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
2014	418 980	418 980	4 870.6	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 <sup>1</sup> currencies
June 27 2003	1.375	1.750	3.625	LIBOR 6M
Oct. 1 2004	1.625	2.000	3.875	LIBOR 6M
Dec. 31	1.750	2.125	4.000	LIBOR 6M
Mar. 25 2005	1.875	2.250	4.125	LIBOR 6M
July 1	2.000	2.375	4.250	LIBOR 6M
Sep. 16	2.125	2.500	4.375	LIBOR 6M
Dec. 23	2.250	2.625	4.500	LIBOR 6M
Mar. 31 2006	2.375	2.750	4.625	LIBOR 6M
June 30	2.500	2.875	4.750	LIBOR 6M
Sep. 29	2.625	3.000	4.875	LIBOR 6M
Dec. 29	2.750	3.125	5.000	LIBOR 6M
Mar. 30 2007	2.875	3.250	5.125	LIBOR 6M
June 22	3.125	3.500	5.375	LIBOR 6M
Sep. 21	3.250	3.625	5.500	LIBOR 6M
Dec. 21	3.375	3.750	5.625	LIBOR 6M
Mar. 28 2008	3.500	3.875	5.750	LIBOR 6M
June 27	3.625	4.000	5.875	LIBOR 6M
Sep. 26	3.500	3.875	5.750	LIBOR 6M
Oct. 9	3.250	3.625	5.500	LIBOR 6M
Oct. 30	3.000	3.375	5.250	LIBOR 6M
Nov. 10	2.750	3.125	5.000	LIBOR 6M
Dec. 12	2.000	2.375	4.250	LIBOR 6M
Jan. 8 2009	1.500	1.875	3.750	LIBOR 6M
Feb. 19	1.250	1.625	3.500	LIBOR 6M
June 25 2010	1.375	1.750	3.625	LIBOR 6M
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 : <sup>1</sup> Beginning Nov. 24, 1994, the rates of accommodations in foreign currencies have been fixed to the LIBOR rates for six-month USD two business days before as displayed on telerate screen 3750.

**Table 135. Stock price index and money market interest rates**

Percent per annum

Year	Stock price index (1966=100)	Interbank call loans <sup>1</sup>	Money market interest rates, treasury bills		
			1-91 days	92-182 days	183-364 days
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	0	1.66	0
2007	8 509.56	2.00	0	0	2.05
2008	7 024.06	2.01	0	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
2014	8 992.01	0.39	0.45	0.48	0.46

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

**Table 136. Weighted average interest rates on loans**

Percent per annum

Year	Domestic banks <sup>1</sup>	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
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	-
2014	2.21	1.07	-	2.49	2.38	-

Notes : <sup>1</sup> 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	2005	2006	2007	2008
Assets (net)=lia. & net worth (net)	30 365 629	31 927 680	32 769 344	34 939 362
<b>Assets</b>				
Foreign assets	10 613 957	11 227 432	11 663 216	13 250 923
Loans and discounts	17 158 349	17 598 943	18 021 730	18 470 098
Portfolio investments in entities excluding financial institutions	2 201 851	2 693 911	2 694 318	2 861 563
Portfolio investments in financial institutions	192 724	204 614	180 146	136 020
Claims on life insurance companies etc.	5 924	1 708	10 845	4
Real estate investments	281	1	1	1
Cash in vaults	192 543	201 071	199 088	220 753
<b>Liabilities &amp; net worth</b>				
Foreign liabilities	1 988 874	1 913 993	1 996 647	2 150 809
Currency issued	922 910	959 792	961 715	1 054 290
Deposits & money market mutual funds held by enterprises	22 990 663	24 171 821	24 389 919	26 300 624
Government deposits	931 901	901 968	932 044	948 229
Due to life insurance companies etc.	208 628	236 295	375 198	591 042
Bank debentures issued	811 192	925 915	900 327	878 048
Net worth	2 775 927	3 011 388	3 378 156	3 386 895
Other items (net)	- 264 466	- 193 492	- 164 662	- 370 575

**Table 138. Consolidated assets and liabilities**

End of year	2005	2006	2007	2008
Assets (net)=lia. & net worth (net)	36 024 614	38 408 672	39 616 314	42 197 744
<b>Assets</b>				
Foreign assets	12 382 522	13 278 845	13 927 717	15 595 585
Loans and discounts	18 166 221	18 692 761	19 187 183	19 722 367
Portfolio investments in entities excluding financial institutions	4 460 007	5 337 022	5 420 268	5 766 575
Portfolio investments in financial institutions	583 053	635 693	586 050	566 842
Real estate investments	239 726	262 635	295 320	324 878
Cash in vaults	193 085	201 716	199 776	221 497
<b>Liabilities &amp; net worth</b>				
Foreign liabilities	1 988 874	1 913 993	1 996 647	2 150 809
Currency issued	922 910	959 792	961 715	1 054 290
Deposits & money market mutual funds held by enterprises and individuals	22 990 663	24 171 821	24 389 919	26 300 624
Government deposits	931 901	901 968	932 044	948 229
Trust funds	1 856 404	2 496 023	3 420 323	2 885 596
Life insurance reserves	5 704 484	6 434 160	7 140 109	7 842 007
Bank debentures issued	811 192	925 915	900 327	878 048
Net worth	3 058 557	3 515 992	3 818 543	3 594 489
Other items (net)	-2 240 371	-2 910 992	-3 943 313	-3 456 348



**of monetary financial institutions**

Million NT\$

2009	2010	2011	2012	2013	2014
36 710 601	37 807 420	39 918 536	41 496 610	44 399 447	47 810 052
14 828 834	14 590 580	15 372 443	15 521 003	17 220 781	19 184 751
18 599 228	19 852 506	20 960 771	21 650 271	22 404 430	23 472 572
2 978 043	3 045 296	3 259 381	3 971 878	4 405 861	4 735 074
94 357	110 064	112 405	119 122	142 032	171 863
2	2	270	19	2	2
1	1	1	-	-	-
210 136	208 971	213 265	234 317	226 341	245 790
1 731 412	1 918 491	2 197 026	2 325 666	2 454 740	2 788 143
1 122 754	1 204 824	1 320 609	1 437 529	1 555 992	1 706 694
27 974 744	29 391 589	30 782 080	31 945 268	33 810 339	35 824 894
1 005 609	1 047 773	957 601	929 219	873 225	897 944
815 312	910 642	842 215	979 599	972 089	769 603
797 961	800 783	884 870	1 013 405	1 020 927	1 210 475
3 406 762	3 051 858	3 184 415	3 400 461	3 644 467	3 904 578
- 143 953	- 518 540	- 250 280	- 534 537	67 668	707 721

**of financial institutions**

Million NT\$

2009	2010	2011	2012	2013	2014
44 940 829	47 243 764	50 439 640	53 397 797	58 037 079	63 578 168
17 713 238	18 064 698	19 620 010	20 649 802	23 421 005	27 108 520
19 788 845	21 033 957	22 154 442	22 894 778	23 849 205	25 030 758
6 250 565	6 707 921	7 189 692	8 138 888	8 906 817	9 123 135
584 840	815 133	797 279	927 958	962 690	1 170 819
392 676	412 612	464 518	551 654	670 679	898 776
210 665	209 443	213 699	234 717	226 683	246 160
1 731 412	1 918 491	2 197 026	2 325 666	2 454 740	2 788 143
1 122 754	1 204 824	1 320 609	1 437 529	1 555 992	1 706 694
27 974 744	29 391 589	30 782 080	31 945 268	33 810 339	35 824 894
1 005 609	1 047 773	957 601	929 219	873 225	897 944
3 075 211	3 105 832	3 076 140	3 210 316	3 061 921	3 248 329
8 973 000	10 224 292	11 182 235	12 547 269	14 129 560	15 557 494
797 961	800 783	884 870	1 013 405	1 020 927	1 210 475
3 844 889	3 540 755	3 615 411	3 991 456	4 289 082	4 883 481
-3 584 751	-3 990 575	-3 576 332	-4 002 331	-3 158 707	-2 539 286

Table 139. Number

End of Year	Domestic banks <sup>1</sup>		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				
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
2014	40	3 460	30	23	281	25

Notes : <sup>1</sup> Beginning 1997, includes the data of medium business banks.

<sup>2</sup> Excluding postal agencies since 1995

<sup>3</sup> 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 <sup>3</sup> companies	Property & casualty insurance companies	Bills finance companies	Securities finance companies
	Head office	Branches <sup>2</sup>						
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
-	1	1 323	-	1	27	19	8	2

Table 140. Balance

Item	2005 <sup>r</sup>	2006 <sup>r</sup>	2007 <sup>r</sup>
A. Current Account	16 481	24 976	33 762
Goods: exports fob	197 359	222 446	245 127
Goods: imports fob	- 179 000	- 199 554	- 216 055
Balance on Goods	18 359	22 892	29 072
Services: credit	25 827	29 272	33 286
Services: debit	- 32 480	- 32 834	- 34 945
Balance on Goods and Services	11 706	19 330	27 413
Income: credit	17 394	19 338	23 500
Income: debit	- 8 355	- 9 757	- 13 368
Balance on Goods , Services and Income	20 745	28 911	37 545
Current transfers: credit	3 463	3 837	4 689
Current Transfers: debit	- 7 727	- 7 772	- 8 472
B. Capital Account	- 117	- 118	- 96
Capital account: credit	1	4	3
Capital account: debit	- 118	- 122	- 99
Total, Groups A plus B	16 364	24 858	33 666
C. Financial Account	2 302	- 19 601	- 38 932
Direct investment abroad	- 6 028	- 7 399	- 11 107
Direct investment in Taiwan, ROC	1 625	7 424	7 769
Portfolio investment assets	- 33 902	- 40 779	- 44 966
Equity securities	- 12 464	- 18 467	- 35 697
Debt securities	- 21 438	- 22 312	- 9 269
Portfolio investment liabilities	31 045	21 814	4 904
Equity securities	34 826	22 662	5 599
Debt securities	- 3 781	- 848	- 695
Financial derivatives	- 1 003	- 965	- 289
Financial derivatives assets	909	1 930	3 691
Financial derivatives liabilities	- 1 912	- 2 895	- 3 980
Other investment assets	- 6 254	- 1 266	- 6 847
Monetary authorities	-	-	-
General government	-	- 4	11
Banks	- 9 421	- 5 525	- 10 158
Other sectors	3 167	4 263	3 300
Other investment liabilities	16 819	1 570	11 604
Monetary authorities	9 250	- 3 311	- 7 300
General government	-	6	- 6
Banks	5 352	1 993	16 118
Other sectors	2 217	2 882	2 792
Total , Groups A through C	18 666	5 257	- 5 266
D. Net Errors And Omissions	1 390	829	1 246
Total , Groups A through D	20 056	6 086	- 4 020
E. Reserves and Related Items	- 20 056	- 6 086	4 020
Reserve assets	- 20 056	- 6 086	4 020
Use of Fund credit and loans	-	-	-
Exceptional financing	-	-	-

## of payments

Million US\$

2008 <sup>r</sup>	2009 <sup>r</sup>	2010 <sup>r</sup>	2011 <sup>r</sup>	2012 <sup>r</sup>	2013 <sup>r</sup>	2014
26 367	41 933	38 442	39 908	49 015	55 309	65 417
253 778	202 428	272 412	305 994	299 054	303 230	311 449
- 236 419	- 172 846	- 247 310	- 279 449	- 269 138	- 267 778	- 269 917
17 359	29 582	25 102	26 545	29 916	35 452	41 532
36 829	31 774	40 357	45 907	49 036	51 183	57 146
- 35 001	- 29 802	- 37 883	- 42 032	- 42 617	- 42 567	- 45 924
19 187	31 554	27 576	30 420	36 335	44 068	52 754
23 277	20 351	23 265	24 833	25 833	25 352	30 402
- 13 299	- 7 827	- 9 689	- 11 654	- 10 533	- 11 115	- 14 945
29 165	44 078	41 152	43 599	51 635	58 305	68 211
5 526	4 902	5 251	5 547	5 435	6 147	6 568
- 8 324	- 7 047	- 7 961	- 9 238	- 8 055	- 9 143	- 9 362
- 334	- 96	- 116	- 119	- 83	6	- 76
3	2	5	3	4	103	29
- 337	- 98	- 121	- 122	- 87	- 97	- 105
26 033	41 837	38 326	39 789	48 932	55 315	65 341
- 1 641	13 488	- 339	- 32 027	- 31 654	- 43 915	- 52 766
- 10 287	- 5 877	- 11 574	- 12 766	- 13 137	- 14 285	- 12 697
5 432	2 805	2 492	- 1 957	3 207	3 598	2 839
3 527	- 31 699	- 33 487	- 19 503	- 45 304	- 36 814	- 57 064
- 4 573	- 21 197	- 12 274	- 2 078	- 16 960	- 7 612	- 20 497
8 100	- 10 502	- 21 213	- 17 425	- 28 344	- 29 202	- 36 567
- 15 777	21 372	12 823	- 16 188	3 213	7 980	12 840
- 15 418	19 427	9 986	- 14 924	2 906	9 618	13 538
- 359	1 945	2 837	- 1 264	307	- 1 638	- 698
1 589	852	577	1 038	328	770	284
7 938	5 344	4 497	5 777	4 526	5 851	5 690
- 6 349	- 4 492	- 3 920	- 4 739	- 4 198	- 5 081	- 5 406
10 621	25 663	12 317	- 7 988	4 746	- 50 534	- 14 243
-	-	-	-	-	-	-
7	- 2	13	- 13	3	- 1	8
- 16 726	707	1 212	- 25 352	- 4 453	- 60 256	- 36 439
27 340	24 958	11 092	17 377	9 196	9 723	22 188
3 254	372	16 513	25 337	15 293	45 370	15 275
- 3 116	-	-	-	-	-	-
-	-	-	-	-	2	2
- 49	- 9 741	15 099	22 334	10 575	41 391	9 638
6 419	10 113	1 414	3 003	4 718	3 977	5 635
24 392	55 325	37 987	7 762	17 278	11 400	12 575
1 882	- 1 199	2 186	- 1 523	- 1 794	- 82	440
26 274	54 126	40 173	6 239	15 484	11 318	13 015
- 26 274	- 54 126	- 40 173	- 6 239	- 15 484	- 11 318	- 13 015
- 26 274	- 54 126	- 40 173	- 6 239	- 15 484	- 11 318	- 13 015
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Table 141. Direct written premiums

Year	Total	Fire	Marine			
			Sub-total	Marine cargo	Marine hull	Fishing vessel
						<b>Direct written</b>
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
2014	132 220	22 697	7 355	4 983	1 568	804
						<b>Direct</b>
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
2014	64 895	4 315	5 096	2 514	2 163	420

**and direct losses by line of business**

Million NT\$

Automobile	Aviation	Other property & casualty				
		Sub-total	Engineering	Liability	Credit	Others
<b>premiums</b>						
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
70 197	811	31 161	3 922	9 084	1 103	17 052
<b>losses</b>						
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
42 176	651	12 658	1 952	3 286	250	7 169

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\$)
	<b>New</b>							
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
2014	3 185 687	1 944 166	7 402 582	27 056 336	4 008 966	1 052 709	129 563	174 315
	<b>Business</b>							
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
2014	46 516 208	36 348 746	42 081 521	21 857 042	62 985 986	12 108 503	1 073 412	1 210 114



**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\$)
<b>business</b>								
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
38 163	2 777 555	1 437 486	658 844	13 270 074	10 366 602	241 785	14 708 388	5 153 435
<b>in force</b>								
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
97 924	6 451 866	3 778 048	412 243	18 100 828	14 322 848	392 764	23 660 695	6 243 928

**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\$)
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
2014	26 505 472	1 605 370	15 851 082	1 252 125	1 779 818	18 952	7 064 114	85 476

  

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\$)
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
2014	1 810 458	248 817	30 063	4 011	189 240	3 412	1 099 224	9 230

**Table 144. Premium receipts of life insurance industry**

Million NT\$

Year	Individual insurance					Group insurance			
	Total	Life	Accident	Health	Annuity	Total	Life	Accident	Health
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
2014	2 750 592	2 157 623	54 404	297 258	241 307	20 538	4 470	6 824	9 244

**Table 145. Acquisitions of investments of life insurance industry**

Million NT\$

Year	Total	Cash in <sup>1</sup> bank	Securities	Real estate <sup>2</sup>	Loan to policyholders	Loans	Foreign investments	Authorized projects or public investment	Others <sup>3</sup>
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	14 687 298	656 431	5 309 755	865 593	556 132	819 819	6 389 982	17 574	72 014
2014	16 464 816	378 033	5 147 895	1 089 781	542 909	940 560	8 273 352	23 286	68 999

**Notes :** <sup>1</sup> Cash in bank include current deposits, check deposits and time deposits.<sup>2</sup> Prior to 2009, real estate don't include private use.<sup>3</sup> 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 (%)	
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
2014	9 489 871	313 696	4.9	8 288 408

**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
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
274 026	3.4	1 201 463	39 670	30.25	30.25

**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		
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
2014	104.96	100.10	97.61	101.31	107.53	98.80	108.83	106.23



**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
1995	0.4	3.4	96.2	16.2	72.0	9.9	1.9
1996	0.4	3.1	96.5	17.9	69.0	9.4	3.7
1997	0.3	1.8	97.9	18.8	67.5	8.9	4.8
1998	0.3	1.5	98.2	22.6	63.8	8.6	4.9
1999	0.3	1.3	98.4	25.6	64.2	8.7	1.6
2000	0.2	1.2	98.6	27.0	63.5	8.4	1.1
2001	0.2	1.3	98.4	24.0	65.2	9.5	1.4
2002	0.3	1.3	98.5	21.7	67.3	9.3	1.6
2003	0.3	1.2	98.6	19.3	70.4	9.2	1.1
2004	0.2	1.1	98.6	20.2	70.8	8.1	0.9
2005	0.2	1.1	98.7	17.5	72.9	8.6	0.9
2006	0.2	0.8	99.0	15.5	76.1	7.7	0.7
2007	0.2	0.8	99.1	14.7	77.2	7.4	0.6
2008	0.2	0.9	98.9	12.2	79.9	7.2	0.6
2009	0.2	0.9	98.8	13.1	76.7	9.3	0.9
2010	0.3	0.8	98.9	15.4	75.7	8.1	0.8
2011	0.3	0.9	98.8	12.9	77.6	8.6	0.8
2012	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
2014	0.3	1.0	98.7	13.5	74.4	10.7	1.5

Table 149. Exports by regions

Country or area of region	2000	2001	2002	2003	2004	2005
Total	151 949 756	126 314 288	135 316 743	150 600 472	182 370 384	198 431 651
Asia	79 130 927	67 201 034	78 070 207	91 037 474	115 163 062	129 053 484
Hong Kong	32 741 718	28 712 715	32 959 608	30 868 284	32 896 214	34 035 551
Japan	16 887 176	13 024 452	12 368 037	12 429 909	13 808 010	15 110 778
Korea, Rep. of	4 002 304	3 372 790	3 963 639	4 710 279	5 629 770	5 877 373
Singapore	5 637 065	4 220 861	4 622 938	5 274 598	6 747 337	8 042 240
Thailand	2 652 616	2 197 047	2 367 314	2 639 593	3 317 874	3 820 310
Mainland China	4 391 494	4 895 371	10 526 873	22 890 761	36 349 368	43 643 661
Middle and Near East	2 548 746	2 239 550	2 409 650	2 752 700	3 669 683	4 156 825
Kuwait	67 043	62 956	74 941	82 005	99 779	115 221
Saudi Arabia	351 664	345 393	336 255	361 874	430 397	495 947
Europe	23 903 931	20 000 236	18 811 345	20 762 964	23 810 944	23 626 528
France	1 657 862	1 184 676	1 140 261	1 271 523	1 591 503	1 452 895
Germany	4 936 278	4 536 626	3 886 444	4 285 505	4 607 146	4 463 074
Italy	1 489 871	1 262 013	1 260 208	1 467 958	1 738 960	1 797 527
United Kingdom	4 591 422	3 375 586	2 985 876	2 931 700	3 430 173	3 262 802
Africa	1 332 643	1 178 956	1 173 013	1 373 555	1 520 112	1 639 568
Nigeria	137 568	139 672	153 587	177 825	162 862	178 878
North America	37 479 133	29 715 132	28 908 844	28 038 393	30 403 217	30 804 935
Canada	1 890 128	1 578 802	1 543 046	1 483 269	1 651 874	1 690 300
U.S.A.	35 588 452	28 135 593	27 365 143	26 553 693	28 750 997	29 113 853
Central and South America	3 974 854	3 241 729	2 936 268	2 891 524	3 415 275	3 974 588
Mexico	1 253 254	1 031 239	946 463	891 400	987 118	883 138
Panama	197 508	123 991	129 287	121 207	246 987	225 485
Brazil	781 662	573 776	474 636	456 440	716 891	1 017 435
Oceania	2 309 084	1 740 633	1 947 196	2 464 240	2 877 115	3 014 803
Australia	1 839 301	1 374 642	1 601 226	1 899 676	2 268 550	2 392 597
Others	1 270 438	997 018	1 060 220	1 279 622	1 510 976	2 160 920

**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\$

2006	2007	2008	2009	2010	2011	2012	2013	2014
224 017 271	246 676 931	255 628 690	203 674 648	274 600 519	308 257 310	301 180 864	305 441 190	313 695 916
146 758 727	164 346 202	169 521 279	140 107 525	190 790 673	212 809 938	211 590 479	216 927 300	222 410 807
37 381 238	37 979 705	32 689 899	29 455 233	37 807 122	40 084 464	37 932 192	39 433 377	42 532 749
16 300 328	15 933 592	17 555 991	14 502 259	18 005 979	18 228 117	18 988 778	19 222 455	19 904 097
7 154 199	7 794 043	8 705 814	7 302 546	10 681 612	12 378 215	11 842 404	12 077 483	12 685 375
9 279 613	10 501 439	11 675 814	8 613 846	12 096 399	16 879 779	20 090 847	19 518 063	20 535 946
4 576 627	5 199 643	4 906 009	3 826 841	5 288 461	6 139 604	6 565 995	6 336 380	6 094 149
51 808 557	62 416 765	66 883 516	54 248 679	76 935 146	83 959 956	80 714 249	81 788 154	82 119 784
4 461 902	5 563 232	5 714 500	4 582 766	6 225 625	7 525 568	7 372 120	7 579 785	8 074 063
108 671	128 584	141 663	146 891	142 078	170 221	175 739	230 884	208 436
529 766	733 156	991 989	674 172	1 001 972	1 688 627	1 852 943	1 816 155	2 025 056
26 110 977	28 634 647	29 948 224	22 576 934	29 371 615	31 204 164	28 765 177	27 750 302	28 710 221
1 565 436	1 705 477	1 730 214	1 369 130	1 697 371	1 743 497	1 560 140	1 486 240	1 526 381
5 006 991	5 174 808	5 729 705	4 695 923	6 511 611	6 868 895	5 644 825	5 625 095	6 141 866
2 194 727	2 410 405	2 449 658	1 786 569	2 447 179	2 459 005	1 833 074	1 714 772	1 885 548
3 510 558	3 617 950	3 630 492	2 980 199	3 621 362	4 619 641	5 064 903	4 321 625	4 196 561
2 065 190	2 124 787	2 867 348	2 243 980	2 228 991	2 944 320	3 103 682	3 367 908	2 798 769
171 394	189 393	278 857	243 534	224 305	245 158	195 620	262 969	215 382
34 131 470	33 928 820	32 644 565	25 014 086	33 415 913	38 934 764	35 481 481	34 974 704	37 307 457
1 770 286	1 850 505	1 853 007	1 460 635	1 949 001	2 569 492	2 504 514	2 409 934	2 440 464
32 360 688	32 077 102	30 790 956	23 552 856	31 466 029	36 364 294	32 976 155	32 564 305	34 866 523
4 650 259	5 531 320	7 195 332	4 435 207	6 015 325	7 002 906	6 928 133	6 642 252	6 556 193
1 073 236	1 503 267	1 855 068	1 097 124	1 510 855	1 534 730	1 813 163	1 785 941	1 983 781
181 414	205 281	234 012	153 421	290 111	196 396	222 919	179 122	228 419
1 285 877	1 669 703	2 744 682	1 406 537	1 908 607	2 354 859	1 989 284	1 835 115	1 669 455
3 362 224	3 975 781	4 372 518	2 857 668	3 903 779	4 437 571	4 684 287	4 923 721	4 509 075
2 722 973	3 233 258	3 486 590	2 353 386	3 132 068	3 652 615	3 653 000	3 767 294	3 557 730
2 476 522	2 572 142	3 364 924	1 856 482	2 648 598	3 398 079	3 255 505	3 275 218	3 329 331

Table 150. Imports by regions

Country or area of region	2000	2001	2002	2003	2004	2005
Total	140 731 990	107 970 570	113 245 120	128 010 148	168 757 598	182 614 393
Asia	78 894 691	59 067 515	64 495 758	74 633 632	98 423 374	106 140 212
Japan	38 622 073	25 933 484	27 363 325	32 719 525	43 717 802	46 053 319
Hong Kong	2 364 182	2 051 591	1 914 898	1 917 196	2 309 164	2 109 729
Indonesia	3 020 530	2 527 889	2 592 605	2 926 646	4 114 535	4 542 964
Malaysia	5 350 520	4 232 763	4 175 555	4 766 713	5 424 990	5 217 223
Korea, Rep. of	9 027 154	6 732 022	7 741 421	8 738 160	11 663 599	13 239 158
Mainland China	6 229 334	5 902 959	7 968 584	11 017 887	16 792 252	20 093 696
Middle and Near East	6 743 442	6 608 650	7 254 743	10 423 754	14 028 569	19 152 512
Kuwait	982 191	1 130 414	1 288 812	2 002 271	2 770 157	4 295 825
Saudi Arabia	2 721 008	2 746 035	2 407 270	4 276 038	5 558 950	7 437 249
Europe	19 090 151	15 069 791	14 728 390	16 259 282	21 258 722	21 895 493
France	1 838 690	2 140 382	1 558 760	1 632 990	2 099 857	2 544 412
Germany	5 578 810	4 274 220	4 448 258	4 986 253	5 852 028	6 180 253
Italy	1 399 013	1 089 428	1 095 022	1 138 162	1 349 320	1 451 733
United Kingdom	1 952 902	1 457 087	1 371 908	1 431 079	1 745 036	1 714 064
Africa	3 285 723	2 662 104	2 133 276	2 708 960	4 127 848	3 602 963
North America	26 555 073	19 419 288	19 206 841	18 080 364	22 984 702	22 494 970
Canada	1 284 793	1 011 996	951 220	1 085 056	1 204 323	1 324 077
U.S.A.	25 269 878	18 407 253	18 255 577	16 995 299	21 780 377	21 170 843
Central and South America	2 112 591	1 545 600	1 917 063	2 413 282	3 597 714	3 614 650
Mexico	557 170	421 120	364 763	334 153	416 523	355 401
Panama	2 053	4 413	6 204	6 377	22 945	24 635
Brazil	553 936	445 178	585 429	916 297	1 332 078	1 216 347
Oceania	3 986 096	3 543 738	3 287 940	3 239 577	4 059 870	5 397 303
Australia	3 510 837	3 090 500	2 839 188	2 732 209	3 429 629	4 726 429
New Zealand	382 306	346 765	342 305	383 483	459 016	507 634
Others	64 223	53 884	221 109	251 297	276 799	316 290

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\$

2006	2007	2008	2009	2010	2011	2012	2013	2014
202 698 135	219 251 567	240 447 789	174 370 531	251 236 390	281 437 549	270 472 560	269 896 778	274 026 154
116 019 615	121 072 145	125 021 701	98 470 638	142 925 696	157 803 052	146 676 459	145 202 378	151 146 539
46 284 409	45 936 862	46 508 013	36 220 017	51 917 431	52 199 740	47 573 642	43 161 752	41 693 439
1 880 644	1 824 902	1 492 771	1 122 556	1 627 623	1 675 452	2 658 825	1 658 862	1 684 933
5 204 299	5 775 954	7 288 968	5 183 686	6 020 156	7 428 224	7 324 846	7 150 821	7 387 256
6 051 561	6 192 410	6 762 668	4 552 646	7 695 023	8 601 508	7 841 687	8 123 743	8 784 833
14 999 578	15 158 354	13 168 383	10 506 837	16 058 786	17 860 303	15 073 236	15 768 136	14 789 820
24 783 086	28 014 979	31 391 315	24 423 472	35 945 951	43 596 545	40 908 232	42 589 317	48 039 984
24 916 352	27 825 870	38 932 912	22 513 091	31 389 369	35 993 552	43 249 097	43 502 045	40 232 273
5 007 826	5 742 741	8 074 201	4 555 730	6 124 839	7 695 823	8 614 407	8 407 498	6 673 253
9 760 161	10 409 566	15 172 687	8 657 904	11 859 219	13 846 602	14 788 757	15 598 496	13 682 985
21 452 196	23 566 635	24 450 736	19 455 679	26 004 933	29 586 190	28 266 382	29 986 418	30 701 433
2 219 958	2 381 940	2 292 829	1 784 248	2 250 204	2 725 927	2 959 940	2 658 929	2 719 028
6 135 238	7 070 040	7 474 274	5 672 902	8 264 091	9 427 645	7 754 060	8 253 438	9 387 197
1 545 193	1 475 619	1 635 421	1 830 966	1 948 810	2 300 815	2 026 501	2 108 773	2 242 997
1 781 013	1 920 418	1 917 640	1 230 253	1 672 887	1 931 543	1 844 432	1 772 049	1 812 863
5 523 164	6 131 965	7 981 802	3 823 795	7 148 340	10 569 940	9 449 299	8 212 464	7 314 822
24 038 316	28 205 133	28 115 721	19 301 419	26 912 792	27 780 934	25 228 145	26 694 883	28 968 352
1 373 811	1 697 045	1 789 105	1 147 509	1 533 417	2 022 117	1 624 297	1 474 578	1 521 388
22 664 494	26 508 055	26 326 558	18 153 900	25 379 359	25 758 792	23 063 823	25 201 256	27 422 549
4 304 109	5 007 386	6 424 456	3 974 156	6 931 525	7 677 794	7 285 036	7 333 936	6 423 382
426 738	593 182	589 580	343 214	587 485	618 252	590 648	805 489	618 957
36 294	53 782	69 014	23 543	44 841	43 940	35 366	40 343	37 164
1 065 887	1 341 776	2 192 112	1 301 204	2 445 530	2 996 745	3 042 985	2 754 912	2 239 272
6 124 580	7 114 189	9 138 665	6 554 836	9 802 562	11 913 004	10 209 557	8 872 204	9 169 490
5 349 481	6 122 115	8 270 645	5 965 882	8 921 389	10 907 288	9 287 911	7 898 544	7 324 962
502 227	565 051	571 422	459 040	610 432	730 541	691 248	746 193	912 640
319 803	328 244	381 796	276 917	121 173	113 083	108 585	92 450	69 863

**Table 151. Exports and imports by SITC sections**

Million US\$

	2008	2009	2010	2011	2012	2013	2014
	<b>Exports</b>						
Total	255 629	203 675	274 601	308 257	301 181	305 441	313 696
0. Food and live animals	2 259	1 914	2 401	2 942	3 286	3 215	3 369
1. Beverages and tobacco	143	197	270	338	370	450	438
2. Crude materials, inedible, except fuels	3 624	2 699	3 527	4 443	3 960	3 761	3 619
3. Mineral fuels, lubricants and related materials	18 628	11 302	14 397	17 436	21 608	23 173	20 047
4. Animal and vegetable oils, fats and waxes	79	67	82	100	97	108	84
5. Chemicals and related products, n.e.s.	31 359	25 895	35 635	40 829	38 050	39 405	39 046
6. Manufactured goods classified chiefly by material	42 497	32 026	41 670	49 009	47 073	45 128	46 100
7. Machinery and transport equipment	119 133	98 913	135 112	148 546	144 275	149 007	159 940
8. Miscellaneous manufactured articles	35 699	27 890	38 528	40 242	39 721	38 999	38 601
9. Commodities and transactions not classified elsewhere in the SITC	2 208	2 771	2 978	4 373	2 741	2 196	2 452
	<b>Imports</b>						
Total	240 448	174 371	251 236	281 438	270 473	269 897	274 026
0. Food and live animals	6 254	5 571	6 745	7 834	7 835	7 855	8 404
1. Beverages and tobacco	1 221	984	1 151	1 326	1 390	1 454	1 555
2. Crude materials, inedible, except fuels	13 087	7 760	12 671	15 115	13 100	12 616	12 057
3. Mineral fuels, lubricants and related materials	61 952	37 124	51 503	63 062	69 948	68 816	65 274
4. Animal and vegetable oils, fats and waxes	386	252	327	421	408	369	404
5. Chemicals and related products, n.e.s.	30 599	23 935	34 515	40 049	35 798	35 909	35 359
6. Manufactured goods classified chiefly by material	31 774	19 578	30 022	33 831	30 565	28 035	29 414
7. Machinery and transport equipment	75 589	62 145	90 835	94 098	87 444	89 457	93 577
8. Miscellaneous manufactured articles	16 283	13 688	19 105	20 687	19 662	20 057	21 538
9. Commodities and transactions not classified elsewhere in the SITC	3 303	3 335	4 362	5 014	4 322	5 330	6 444

## 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, 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 tax, land tax (agricultural land tax, land value tax, and land value increment tax), house tax, estate and gift tax, securities transaction tax, futures transaction 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	
	Total		Current		Capital		Total	
	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)	Amount (Million NT\$)	Shares (%)
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	2 321 205	100.0	2 259 104	97.3	62 102	2.7	2 677 984	100.0
2013 r	2 457 632	100.0	2 370 392	96.5	87 241	3.5	2 665 241	100.0
2014	2 508 805	100.0	2 416 194	96.3	92 611	3.7	2 645 498	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 (%)
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
2 166 627	81.3	498 614	18.7	- 207 609	- 8.4	203 765	8.6	- 411 373	- 82.5
2 191 608	82.8	453 890	17.2	- 136 693	- 5.4	224 585	9.3	- 361 279	- 79.6

Table 152. Net revenues and

Item	FY 1991	FY 1992	FY 1993	FY 1994
Net revenues by sources, total	1 049 931	1 257 568	1 416 334	1 502 754
Revenues from taxes	748 508	909 110	983 387	1 062 778
Revenues from monopolies	60 113	58 513	62 109	64 703
Fees	23 846	34 403	51 123	44 194
Fines and indemnities	13 815	18 757	21 760	25 383
Surplus of public enterprises & public utilities	94 835	141 045	166 471	184 914
Profits of public properties	5 949	7 582	17 290	11 854
Capitals from sales of properties & recalled capital	52 395	38 915	63 348	60 832
Donations and contributions	620	1 016	1 051	425
Others	49 851	48 227	49 794	47 671
Net expenditures by administrative affairs , total	1 275 613	1 561 930	1 756 306	1 826 367
General administration	153 278	198 348	208 961	216 069
National defense	227 099	239 398	253 511	321 821
Education science and culture	288 077	324 834	350 351	382 197
Education	204 697	260 858	282 419	313 144
Science	45 679	45 094	44 143	43 002
Culture	37 701	18 882	23 789	26 052
Economic development	322 087	461 821	545 651	468 080
Agriculture	69 534	196 127	71 604	129 710
Industry	28 024	76 753	128 416	54 617
Transportation & communication	185 715	108 383	257 713	216 267
Other economic service	38 814	80 557	87 918	67 486
Social welfare	117 772	135 040	145 759	158 523
Social insurance	33 378	46 765	47 640	50 491
Social relief	13 581	6 334	9 607	9 745
Benefit service	46 374	53 780	57 838	65 957
Employment service	2 851	2 801	3 254	3 545
Medical care	21 587	25 361	27 419	28 785
Community development & environmental protection	33 089	63 042	72 163	81 543
Community development	8 200	16 414	18 677	22 968
Environmental protection	24 890	46 628	53 486	58 575
Pension & survivors' benefits	88 320	94 975	102 076	111 237
Obligations	33 398	33 936	63 894	75 179
Miscellaneous expenditure	12 492	10 537	13 941	11 717

## expenditures of general government (continued)

Million NT\$

FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	2001	2002
1 559 429	1 604 184	1 704 759	2 053 458	2 004 394	2 784 863	1 896 841	1 787 919
1 170 856	1 141 838	1 213 274	1 339 605	1 299 740	1 852 451	1 200 278	1 190 874
61 408	55 959	58 179	57 448	55 322	77 316	57 563	346
58 913	59 939	65 894	68 946	67 179	112 252	76 932	125 261
28 391	31 918	32 557	38 140	38 705	59 704	41 996	44 835
141 956	181 094	180 797	361 574	324 851	458 420	346 581	260 869
14 824	16 346	19 570	41 483	25 416	26 555	20 319	12 943
36 805	53 241	75 338	92 838	137 313	105 299	87 762	81 317
769	875	1 492	1 644	1 508	2 749	3 748	2 053
45 507	62 975	57 657	51 781	54 360	90 116	61 662	69 420
1 910 066	1 843 786	1 878 764	1 992 593	2 050 004	3 140 936	2 271 755	2 144 994
222 403	243 973	244 757	257 265	279 113	468 033	328 736	325 815
269 960	284 926	291 920	312 286	286 571	357 757	247 597	225 243
357 487	374 401	375 822	411 513	429 127	655 109	430 078	437 756
287 896	297 999	296 076	326 163	333 218	517 070	326 658	339 731
43 991	50 453	51 689	55 077	60 650	93 191	67 847	69 839
25 601	25 948	28 057	30 273	35 259	44 849	35 573	28 185
438 152	329 135	295 035	335 012	351 103	474 895	398 792	405 257
89 799	86 220	103 823	109 786	98 947	140 335	128 099	110 932
36 028	24 729	18 416	20 676	21 041	49 437	23 180	17 695
264 186	168 165	132 233	141 243	185 601	218 688	201 421	192 983
48 139	50 021	40 564	63 307	45 514	66 435	46 092	83 646
231 766	290 002	294 982	282 767	280 452	531 809	396 981	323 615
94 749	125 545	114 480	116 843	111 788	214 917	201 574	153 353
20 968	30 222	36 000	25 000	23 603	94 368	39 016	19 649
83 449	100 833	111 141	110 149	114 610	179 133	126 862	120 266
3 313	4 369	4 981	3 466	3 631	3 271	2 900	2 613
29 288	29 033	28 381	27 308	26 819	40 120	26 629	27 733
65 309	68 035	68 614	74 850	90 310	106 102	109 597	71 702
17 077	18 785	16 838	16 801	34 320	36 885	63 360	20 542
48 231	49 250	51 776	58 049	55 990	69 217	46 238	51 160
118 121	137 118	179 723	187 673	180 582	265 079	175 722	170 988
194 890	106 061	115 630	115 896	140 910	270 252	171 565	170 966
11 978	10 135	12 280	15 331	11 836	11 900	12 687	13 652

Table 152. Net revenues and

Item	2003	2004	2005	2006
Net revenues by sources, total	1 948 847	1 927 400	2 218 039	2 177 018
Revenues from taxes	1 220 116	1 353 410	1 531 297	1 556 652
Revenues from monopolies	-	-	-	-
Fees	76 452	85 330	88 816	91 135
Fines and indemnities	42 055	42 328	43 254	42 488
Surplus of public enterprises & public utilities	417 621	289 974	375 663	325 939
Profits of public properties	12 611	11 833	12 829	14 414
Capitals from sales of properties & recalled capital	114 192	82 121	109 975	82 994
Donations and contributions	4 944	5 329	5 716	6 947
Others	60 858	57 075	50 490	56 449
Net expenditures by administrative affairs , total	2 216 514	2 245 047	2 291 999	2 214 226
General administration	331 885	334 797	341 874	345 237
National defense	237 946	253 019	247 472	234 699
Education science and culture	464 186	469 544	473 243	484 827
Education	329 977	341 396	347 706	358 297
Science	95 097	92 023	93 908	91 592
Culture	39 112	36 125	31 629	34 939
Economic development	400 910	412 870	430 476	341 944
Agriculture	121 044	138 460	144 984	95 926
Industry	25 972	22 071	23 358	19 172
Transportation & communication	194 450	202 348	214 578	185 087
Other economic service	59 444	49 991	47 557	41 758
Social welfare	346 911	347 557	357 762	370 303
Social insurance	169 893	153 324	162 222	163 152
Social relief	18 180	19 572	20 658	20 295
Benefit service	120 561	138 848	144 471	153 396
Employment service	4 084	2 673	2 506	2 615
Medical care	34 194	33 140	27 906	30 845
Community development & environmental protection	90 061	95 008	100 704	88 849
Community development	31 535	38 712	38 429	25 653
Environmental protection	58 526	56 296	62 275	63 196
Pension & survivors' benefits	173 223	179 665	191 531	196 963
Obligations	159 667	139 331	132 639	138 331
Miscellaneous expenditure	11 726	13 254	16 298	13 072

## expenditures of general government (continued)

Million NT\$

2007	2008	2009	2010	2011	2012	2013 <sup>†</sup>	2014
2 244 758	2 231 614	2 113 644	2 115 554	2 306 173	2 321 205	2 457 632	2 508 805
1 685 875	1 710 617	1 483 518	1 565 847	1 703 989	1 733 350	1 768 817	1 917 609
-	-	-	-	-	-	-	-
96 579	94 302	92 008	96 458	96 251	96 018	215 028	99 799
44 646	46 690	41 402	43 021	41 675	66 652	43 931	43 293
291 799	264 918	330 928	286 479	293 954	298 007	275 040	271 916
15 103	14 249	14 110	16 085	14 220	16 388	20 821	33 372
55 724	50 425	72 232	53 532	67 268	62 102	87 241	92 611
7 845	8 862	8 657	12 204	9 333	11 982	11 945	11 593
47 188	41 550	70 789	41 928	79 484	36 707	34 809	38 612
2 290 169	2 343 585	2 670 898	2 566 804	2 612 947	2 677 984	2 665 241	2 645 498
343 950	350 500	357 412	368 420	376 015	388 759	381 641	380 573
255 854	262 150	297 746	286 929	288 889	303 903	292 646	291 418
492 625	495 515	581 535	554 254	588 555	595 622	599 058	618 108
362 618	362 964	426 445	407 822	441 637	449 151	452 115	470 586
96 214	95 126	99 762	103 568	100 817	100 061	101 322	95 182
33 792	37 425	55 327	42 864	46 101	46 410	45 620	52 339
383 298	432 335	601 896	517 039	473 801	403 945	393 669	399 047
106 788	112 827	162 784	191 955	171 021	132 246	141 938	129 857
16 004	34 001	38 155	36 691	27 865	20 897	24 260	23 687
218 338	234 604	250 679	228 049	232 558	199 393	190 142	198 981
42 167	50 902	150 278	60 345	42 356	51 410	37 329	46 523
372 202	368 136	388 562	415 356	446 922	540 440	536 912	517 242
162 548	147 651	189 263	203 082	225 293	303 472	321 011	294 120
23 245	25 559	24 143	30 835	31 161	36 628	36 178	22 021
151 322	158 275	136 716	138 619	147 751	162 096	140 920	161 702
2 480	2 252	2 742	4 784	5 317	3 388	2 982	2 673
32 607	34 400	35 698	38 037	37 399	34 857	35 821	36 726
87 282	82 157	91 639	89 388	88 872	85 380	104 932	84 289
24 520	13 514	18 953	12 047	8 859	11 399	39 973	17 552
62 762	68 643	72 686	77 341	80 013	73 981	64 959	66 737
200 677	202 228	205 291	201 002	213 039	218 355	209 680	213 706
139 380	134 697	129 484	119 615	121 120	124 937	128 453	125 171
14 901	15 867	17 333	14 801	15 735	16 643	18 250	15 944

Table 153. Total net

Item	FY 1985	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990
<b>Total</b>	<b>394 846</b>	<b>401 800</b>	<b>461 455</b>	<b>558 046</b>	<b>677 418</b>	<b>847 733</b>
Taxes	353 109	356 975	415 318	511 637	629 753	794 812
National taxes	200 768	195 791	226 311	286 232	361 427	505 926
Customs duties	66 873	63 838	76 267	78 583	89 387	81 880
Mining concession tax <sup>1</sup>	22	21	20	18	16	16
Income tax	75 889	79 440	91 339	123 122	157 063	225 752
Business income tax	36 686	37 259	44 819	61 063	80 139	110 209
Individual income tax	39 203	42 182	46 519	62 059	76 924	115 543
Estate and gift tax	2 831	2 962	4 221	4 772	4 873	6 490
Commodity tax	54 573	49 526	51 805	66 105	79 870	85 061
Tobacco and alcohol tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Securities transaction tax	581	3	2 660	13 632	30 219	106 727
Futures transaction tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Provincial & city taxes	76 880	82 832	90 687	100 900	109 012	145 367
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	38 195	45 745	62 173	73 733	77 785	111 886
Stamp tax	16 531	15 291	2 558	3 061	3 299	3 604
Vehicle license tax	8 076	9 140	10 099	11 711	14 095	16 482
Harbour construction dues	14 078	12 656	15 856	12 394	13 833	13 395
Municipality & county(city) taxes	75 460	78 353	98 320	124 505	159 313	143 519
Land tax	46 094	47 068	65 416	90 173	123 948	105 556
Agricultural land tax	1 107	973	952	879	15	9
Land value tax	10 899	10 820	9 447	12 498	17 347	22 630
Land value increment tax	34 089	35 275	55 017	76 796	106 586	82 916
House tax	18 848	20 436	21 894	24 206	24 724	27 429
Vehicle license tax	-	-	-	-	-	-
Deed tax	5 901	6 381	7 851	9 244	9 978	9 892
Stamp tax	-	-	-	-	-	-
Amusement tax	1 207	1 235	1 088	897	663	642
Slaughter tax	3 410	3 234	2 072	- 15	0	0
Education surtax <sup>2</sup>	-	-	-	-	-	-
Monopoly revenues	41 738	44 824	46 137	46 409	47 666	52 921
Financial enterprises business tax	-	-	-	-	-	-
Health and welfare surcharge on tobacco	-	-	-	-	-	-
Specifically selected goods and services tax <sup>3</sup>	-	-	-	-	-	-

Notes : <sup>1</sup> Since Dec. 31, 2003, the Mining concession tax has been changed to Mining royalty, and excluded from the National taxes.

<sup>2</sup> Education surtax has been excluded from the National taxes and the Municipality & county(city) taxes since 2000.

<sup>3</sup> The specifically selected goods and services tax has been imposed since June 2011.



Table 153. Total net

Item	FY2000	2001	2002	2003	2004	2005
<b>Total</b>	<b>1 929 767</b>	<b>1 257 841</b>	<b>1 225 601</b>	<b>1 252 766</b>	<b>1 387 300</b>	<b>1 567 396</b>
Taxes	1 852 451	1 200 278	1 190 874	1 220 116	1 353 410	1 531 297
National taxes	1 513 155	997 266	981 610	991 380	1 097 710	1 269 563
Customs duties	156 815	92 558	85 901	82 783	78 885	82 374
Mining concession tax <sup>1</sup>	15	9	10	10	4	1
Income tax	610 580	478 636	392 939	411 087	455 914	625 807
Business income tax	307 035	233 678	165 759	213 683	241 089	329 357
Individual income tax	303 545	244 958	227 180	197 404	214 825	296 450
Estate and gift tax	39 135	22 710	23 537	30 106	29 048	30 451
Commodity tax	219 425	133 883	143 641	146 012	159 644	168 411
Tabacco and alcohol tax	-	-	41 188	49 773	48 336	50 443
Stamp tax	-	-	-	-	-	-
Securities transaction tax	160 292	63 899	76 794	69 283	84 148	68 204
Futures transaction tax	2 484	1 862	2 864	4 806	8 272	6 342
Business tax	324 410	203 707	214 735	197 521	233 460	237 531
Provincial & city taxes	-	-	-	-	-	-
Land tax	-	-	-	-	-	-
Agricultural land tax	-	-	-	-	-	-
Land value tax	-	-	-	-	-	-
Land value increment tax	-	-	-	-	-	-
Business tax	-	-	-	-	-	-
Stamp tax	-	-	-	-	-	-
Vehicle license tax	-	-	-	-	-	-
Harbour construction dues	-	-	-	-	-	-
Municipality & county(city) taxes	339 296	203 012	209 264	228 736	255 699	261 734
Land tax	215 533	93 182	98 069	111 803	133 893	135 370
Agricultural land tax	-	-	-	-	-	-
Land value tax	92 039	50 920	50 169	50 762	52 617	53 706
Land value increment tax	123 494	42 262	47 900	61 041	81 276	81 664
House tax	48 436	48 056	46 464	48 013	49 323	50 877
Vehicle license tax	46 689	44 688	45 886	47 765	49 904	51 863
Deed tax	15 267	8 493	10 262	11 600	12 937	13 178
Stamp tax	11 032	7 036	6 911	7 786	7 771	8 458
Amusement tax	2 252	1 533	1 649	1 751	1 862	1 979
Slaughter tax	-	-	-	-	-	-
Education surtax <sup>2</sup>	88	25	23	18	9	10
Monopoly revenues	77 316	57 563	346	-	-	-
Financial enterprises business tax	-	-	26 083	22 433	24 230	25 712
Health and welfare surcharge on tobacco	-	-	8 298	10 217	9 661	10 387
Specifically selected goods and services tax <sup>3</sup>	-	-	-	-	-	-

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.



## tax revenues (continued)

Million NT\$

2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>1 600 804</b>	<b>1 733 895</b>	<b>1 760 438</b>	<b>1 530 282</b>	<b>1 622 244</b>	<b>1 764 611</b>	<b>1 796 697</b>	<b>1 834 124</b>	<b>1 976 107</b>
1 556 652	1 685 875	1 710 617	1 483 518	1 565 847	1 703 989	1 733 350	1 768 817	1 917 609
1 295 680	1 420 741	1 461 840	1 238 558	1 292 839	1 423 444	1 447 900	1 448 391	1 594 839
79 567	81 859	80 426	68 827	89 484	96 323	94 918	97 009	107 142
0	0	0	0	0	0	-	-	-
646 218	730 160	834 988	640 967	590 387	710 191	760 810	743 290	813 484
311 888	382 634	445 245	334 163	285 701	367 186	367 744	351 115	402 632
334 330	347 526	389 744	306 804	304 686	343 005	393 065	392 174	410 852
28 694	28 481	28 978	22 327	40 330	23 659	28 280	23 728	25 444
159 201	149 037	126 660	127 879	150 777	164 877	160 897	162 504	172 897
51 042	50 415	49 506	45 349	44 516	44 660	44 939	44 769	43 810
-	-	-	-	-	-	-	-	-
89 954	128 895	90 630	105 956	104 574	93 990	71 940	71 383	88 711
4 072	5 758	6 692	3 750	4 556	5 860	4 298	2 669	2 862
236 931	246 137	243 961	223 503	268 214	283 884	281 817	303 039	335 088
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
260 971	265 134	248 777	244 960	273 008	280 544	285 450	320 426	322 770
131 208	133 691	116 082	112 367	136 357	141 982	143 849	174 081	173 175
-	-	-	-	-	-	-	-	-
54 660	59 009	59 127	59 054	63 044	63 374	62 712	70 826	71 516
76 547	74 682	56 955	53 313	73 313	78 608	81 137	103 255	101 659
52 494	53 883	55 343	56 347	58 203	59 467	61 796	63 013	64 673
52 548	53 271	53 255	53 050	54 052	55 380	56 534	57 759	59 326
14 014	13 637	12 696	13 066	13 815	12 640	11 693	13 560	12 535
8 714	8 837	9 650	8 464	8 945	9 397	10 009	10 377	10 644
1 986	1 809	1 745	1 666	1 646	1 676	1 566	1 634	1 624
-	-	-	-	-	-	-	-	-
8	5	5	0	- 9	1	2	1	0
-	-	-	-	-	-	-	-	-
26 644	28 131	29 706	21 853	21 602	23 806	24 720	24 932	25 609
17 508	19 888	20 115	24 911	34 795	34 609	34 352	35 057	32 889
-	-	-	-	-	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
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	-
2013 Outstanding	5 209 516	5 068 188	141 328	-
2014 { Issues	675 312	675 312	-	-
2014 { Redemption	444 597	405 015	39 582	-
2014 { Outstanding	5 440 231	5 338 485	101 746	-

## 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, Executive Yuan, which uses the intentional sampling method and calculated by the Laspeyres's 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 CO. 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 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	2009	2010	2011	2012	2013	2014
General index	90.90	95.86	100.00	98.84	96.44	95.89
Domestic sales including imports	87.65	93.99	100.00	99.05	96.41	95.49
Domestic sales excluding imports	88.61	95.20	100.00	99.41	98.70	98.98
Imports	86.78	92.89	100.00	98.72	94.33	92.35
Exports	97.93	99.91	100.00	98.38	96.35	96.45
Basic group indices						
Agriculture, forestry, livestock & fishery products	84.86	89.29	100.00	100.94	95.43	100.00
Farm products	84.72	89.31	100.00	101.36	95.02	95.20
Poultry & livestock products	91.65	93.84	100.00	94.23	96.57	110.89
Forest products	87.11	99.72	100.00	93.54	101.11	108.62
Aquatic products	79.35	85.04	100.00	106.14	95.51	100.06
Quarrying and mineral products	67.11	79.42	100.00	101.03	96.92	90.49
Energy minerals	64.00	78.03	100.00	104.43	101.71	95.24
Manufacturing products	93.48	97.76	100.00	98.24	95.86	95.38
Foods	88.39	94.34	100.00	100.66	101.15	102.69
Beverages	99.91	99.68	100.00	103.10	103.96	103.41
Tobaccos	91.93	97.01	100.00	108.10	111.29	117.75
Textile products	85.77	90.73	100.00	98.01	97.31	97.54
Ready-made apparel & accessories	99.04	96.73	100.00	105.26	106.22	109.40
Leather, fur & related products	92.88	98.08	100.00	103.59	107.83	116.56
Lumber & bamboo products	92.27	99.28	100.00	100.51	105.24	108.82
Pulp, paper & allied products	88.59	100.32	100.00	95.24	93.73	93.95
Petroleum & coal products	71.36	84.32	100.00	105.24	103.62	99.79
Chemical material	74.04	89.30	100.00	93.62	92.71	90.43
Chemical products & medical goods	98.38	97.43	100.00	98.53	93.85	94.48
Rubber & plastic products	96.06	97.29	100.00	100.21	97.34	96.26
Non-metallic mineral products	108.00	102.96	100.00	97.80	89.53	87.87
Basic metal	79.13	95.62	100.00	90.24	83.81	83.63
Fabricated metal products	94.23	98.59	100.00	96.18	94.67	96.15
Electronic parts & components	113.00	107.81	100.00	99.81	98.50	99.76
Computers, electronic & optical products	114.68	106.20	100.00	100.06	96.04	91.21
Electrical equipment	92.93	97.85	100.00	98.87	96.70	96.54
Machinery & equipment	99.97	98.76	100.00	101.26	96.39	96.11
Transportation equipment & parts	99.00	98.63	100.00	101.14	100.29	100.61
Furniture & fixtures	100.79	98.98	100.00	102.13	102.27	104.74
Miscellaneous products	96.64	96.80	100.00	101.25	104.52	106.47
Water supply, electricity & gas	96.15	99.17	100.00	106.73	114.20	120.97
Water supply	100.00	98.73	100.00	100.00	100.00	100.00
Electricity	99.40	99.99	100.00	107.17	115.66	124.36
Gas	77.71	94.96	100.00	106.40	110.83	109.73

**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	
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
2014	100.00	90.49	95.38	98.64	94.45	120.97

**Table 157. Indices of wholesale price by stage of processing**

2011 = 100

Year	Raw materials	Intermediate materials	Finished goods	Finished goods			
				Capital goods	Consumer goods	Durable consumer goods	Non-durable consumer goods
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
2014	91.15	95.70	99.25	93.62	102.25	94.95	106.10

**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
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
2014	103.97	101.98	105.49	102.53	108.37	105.99	95.99	102.67

Table 159. Indices of consumer price

2011 = 100

Item	2009	2010	2011	2012	2013	2014
General index	97.66	98.60	100.00	101.93	102.74	103.97
Food	97.19	97.79	100.00	104.16	105.48	109.42
Cereals & cereal products	96.44	95.86	100.00	102.20	103.71	106.00
Rice & rice products	98.85	97.48	100.00	103.36	107.74	111.19
Meat	94.43	96.27	100.00	97.72	101.92	113.24
Meat products	100.96	99.01	100.00	103.22	104.42	108.48
Eggs	101.97	90.78	100.00	107.13	102.84	112.69
Fish & shellfish	87.95	93.88	100.00	103.80	106.38	113.60
Processed fishes	95.17	96.46	100.00	101.62	102.76	104.72
Vegetables	102.33	103.51	100.00	122.18	125.17	120.78
Processed vegetables	93.13	96.09	100.00	102.87	106.27	114.80
Fruits	98.22	96.54	100.00	107.74	104.96	113.74
Processed fruits	96.85	97.78	100.00	100.17	102.07	102.91
Dairy products	93.18	97.21	100.00	104.51	105.20	106.03
Edible oil	95.35	95.69	100.00	101.22	100.33	102.91
Condiments	95.22	97.26	100.00	100.45	100.42	103.46
Alcoholic	104.05	100.64	100.00	100.09	100.01	99.87
Nonalcoholic beverages	100.61	99.96	100.00	101.74	101.47	101.78
Cooked food	98.81	97.83	100.00	102.85	104.53	108.67
Food away from home	98.55	98.58	100.00	102.32	103.90	107.65
Other food	97.45	97.75	100.00	103.32	103.96	105.23
Clothing	95.58	97.20	100.00	102.52	102.33	103.64
Garments	94.69	96.76	100.00	102.86	102.89	104.64
Footwear	99.06	98.60	100.00	101.83	101.28	100.85
Apparel services & accessories	96.92	98.66	100.00	100.37	99.76	100.41
Housing	98.70	99.15	100.00	101.13	102.05	102.95
Residential rent	99.60	99.64	100.00	100.62	101.30	102.04
Maintenance & repairs	96.96	97.65	100.00	101.07	102.32	103.61
Household appliances	98.37	97.68	100.00	101.29	101.91	101.56
Household keeping services	99.33	99.26	100.00	99.27	98.62	98.90
Water, electricity & gas supply	95.37	98.58	100.00	103.76	106.43	109.08
Transportation & communication	95.94	98.61	100.00	100.44	100.90	99.71
Transportation equipment	96.35	99.63	100.00	100.39	99.64	98.11
Oils	84.39	93.19	100.00	105.78	108.64	105.19
Communication services	101.46	100.93	100.00	97.85	97.58	97.44
Medicines & medical care	97.57	98.21	100.00	100.86	102.05	102.65
Medical care services	99.14	99.66	100.00	100.81	101.81	102.18
Medicines & health food	93.08	94.44	100.00	101.11	103.33	105.03
Medical supplies & appliance	100.28	99.34	100.00	100.42	99.63	99.01
Education & entertainment	99.53	99.48	100.00	100.68	101.01	100.94
Educational expenses	101.33	100.13	100.00	99.78	99.75	99.30
Entertainment expenses	96.97	98.55	100.00	101.96	102.76	103.20
Miscellaneous	95.80	98.62	100.00	102.30	102.69	104.18
Tobacco & betelnut	87.80	97.09	100.00	104.28	107.97	110.92
Cosmetic items	100.68	100.36	100.00	101.18	100.99	100.85
Personal care services	100.39	99.85	100.00	101.26	101.61	104.09
Others	98.60	98.98	100.00	102.47	103.36	106.29

**Table 160. Import price indices by basic group**

2011 = 100

Item	2009	2010	2011	2012	2013	2014
General index	86.78	92.89	100.00	98.72	94.33	92.35
Animal products	75.93	87.61	100.00	97.49	105.60	109.90
Vegetable products	80.49	86.32	100.00	101.04	97.75	94.94
Prepared foodstuffs, beverages, spirits & tobacco	88.61	96.54	100.00	103.48	104.34	108.82
Mineral products	66.18	78.95	100.00	101.29	96.64	90.77
Products of the chemical or allied industries	84.77	91.95	100.00	96.92	94.14	92.50
Plastics, rubber & articles thereof	87.97	96.27	100.00	94.50	87.58	85.04
Leather & articles thereof	88.69	100.08	100.00	101.70	107.49	122.22
Wood & articles of wood	90.54	99.82	100.00	99.45	105.14	109.62
Wood pulp, paper & articles thereof	88.58	102.20	100.00	91.57	90.03	92.03
Textiles & textile articles	73.62	82.17	100.00	88.71	84.80	85.34
Stone materials, glass & glassware	104.55	105.64	100.00	91.57	73.61	68.31
Base metals & articles of base metal	78.49	95.91	100.00	90.21	83.60	83.99
Machinery, electrical equipment, TV image & sound recorders, etc	107.89	103.04	100.00	101.23	96.78	95.60
Transportation equipment	95.22	97.14	100.00	101.17	99.29	99.38
Optical, measuring, medical instruments, musical instruments & parts thereof	104.56	102.74	100.00	100.68	98.21	99.21
Miscellaneous manufactured articles	103.19	101.12	100.00	101.67	97.38	97.10

**Table 161. Export price indices by basic group**

2011 = 100

Item	2009	2010	2011	2012	2013	2014
General index	97.93	99.91	100.00	98.38	96.35	96.45
Animal products	72.45	80.77	100.00	107.31	87.18	90.90
Prepared foodstuffs, beverages, spirits & tobacco	104.94	102.43	100.00	105.37	108.66	113.56
Mineral products	66.73	79.42	100.00	103.91	99.99	93.99
Products of the chemical or allied industries	79.27	92.45	100.00	92.09	92.47	91.19
Plastics, rubber & articles thereof	84.83	93.78	100.00	96.74	94.84	94.25
Wood pulp, paper & articles thereof	87.05	102.50	100.00	94.83	93.56	95.02
Textiles & textile articles	87.72	93.36	100.00	96.82	95.37	95.92
Stone materials, glass & glassware	89.82	101.72	100.00	93.63	83.76	81.88
Base metals & articles of base metal	89.03	99.10	100.00	92.24	88.76	90.12
Machinery, electrical equipment, TV image & sound recorders, etc	113.10	107.39	100.00	99.91	98.49	98.88
Transportation equipment	101.46	98.92	100.00	101.29	101.03	102.32
Optical, measuring, medical instruments, musical instruments & parts thereof	110.16	107.07	100.00	99.58	98.44	100.05
Miscellaneous manufactured articles	105.11	100.83	100.00	102.55	102.73	104.92



## 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 statistical yearbook compiled by the Ministry of Civil Service. Data on public office elections are compiled by the Central Election Commission and are 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 and grades at executive agencies, public enterprises, public schools, and other organizations formed on accordance with laws.

**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.

**Local Public Office Elections** -- Local elected public offices include Taiwan provincial governor, Taiwan provincial assemblymen, mayors and councilors at New Taipei, Taipei, Taoyuan, Taichung, Tainan, and Kaohsiung Cities, county (or city) councilors, 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
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
2014	347 816	233 951	94 999	138 952

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
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
86 865	83 537	3 328	27 000	9 496	17 504

Table 163. Civil service

Year	Total	18-24	25-29	30-34	35-39
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
2014	347 816	7 876	26 052	45 337	43 103

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)
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
58 759	66 345	49 160	32 484	17 693	1 007	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
Municipality								
New Taipei City								
Mayor								
1st term	3 892 603	3 006 877	2010	11	27	2	1	1
2nd term	3 962 920	3 156 402	2014	11	29	3	3	-
Councillor								
1st term	3 892 603	2 999 163	2010	11	27	142	100	42
2nd term	3 962 920	3 147 560	2014	11	29	120	83	37
Taipei City								
Mayor								
4th term	2 627 474	2 008 434	2006	12	9	6	5	1
5th term	2 608 923	2 045 925	2010	11	27	5	4	1
6th term	2 697 644	2 146 939	2014	11	29	7	7	-
Councillor								
10th term	2 627 474	2 004 204	2006	12	9	103	72	31
11th term	2 608 923	2 039 527	2010	11	27	103	67	36
12th term	2 697 644	2 140 188	2014	11	29	108	74	34
Taoyuan City								
Mayor								
1st term	2 055 259	1 568 713	2014	11	29	3	3	-
Councillor								
1st term	2 055 259	1 562 312	2014	11	29	143	107	36
Taichung City								
Mayor								
1st term	2 645 194	1 977 368	2010	11	27	2	2	-
2nd term	2 714 642	2 093 689	2014	11	29	2	2	-
Councillor								
1st term	2 645 194	1 970 019	2010	11	27	137	102	35
2nd term	2 714 642	2 083 610	2014	11	29	113	81	32
Tainan City								
Mayor								
1st term	1 873 754	1 467 256	2010	11	27	2	2	-
2nd term	1 883 562	1 512 778	2014	11	29	2	1	1
Councillor								
1st term	1 873 754	1 462 844	2010	11	27	130	93	37
2nd term	1 883 562	1 507 077	2014	11	29	87	57	30
Kaohsiung City								
Mayor								
4th term	1 512 255	1 140 110	2006	12	9	5	4	1
1st term	2 772 777	2 166 119	2010	11	27	3	1	2
2nd term	2 777 773	2 231 225	2014	11	29	3	2	1
Councillor								
7th term	1 512 255	1 137 345	2006	12	9	77	51	26
1st term	2 772 777	2 158 007	2010	11	27	134	96	38
2nd term	2 777 773	2 221 174	2014	11	29	117	74	43
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
17th term	7 325 316	5 801 610	2014	11	29	64	52	12

Notes : 1. The municipalities are Taipei City and Kaohsiung City before 2010.

2. Some administrative regions are restructured or merged into municipalities, and they are as follows:

in 2010, New Taipei City( from Taipei County), Taichung City( from Taichung County & Taichung City), Tainan City( from Tainan County & Tainan City), and Kaohsiung City( from Kaohsiung County & Kaohsiung City( municipality)); in 2014, Taoyuan City( from Taoyuan County).



**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	-	2 142 410	77.25	71.25	50.00
1	1	-	1 946 063	79.65	61.65	33.33
66	43	23	2 138 091	77.05	71.29	46.48
66	41	25	1 942 790	79.43	61.72	55.00
1	1	-	1 295 790	76.44	64.52	16.67
1	1	-	1 445 370	78.42	70.65	20.00
1	1	-	1 512 724	79.59	70.46	14.29
52	33	19	1 293 595	76.28	64.54	50.49
62	41	21	1 441 006	78.18	70.65	60.19
63	42	21	1 508 054	79.34	70.46	58.33
1	1	-	984 099	76.33	62.73	33.33
60	40	20	981 360	76.02	62.81	41.96
1	1	-	1 446 519	74.75	73.15	50.00
1	1	-	1 506 023	77.13	71.93	50.00
63	46	17	1 442 237	74.48	73.21	45.99
63	44	19	1 500 163	76.75	72.00	55.75
1	1	-	1 041 941	78.31	71.01	50.00
1	1	-	996 688	80.31	65.88	50.00
57	34	23	1 039 888	78.07	71.09	43.85
57	34	23	994 485	80.01	65.99	65.52
1	-	1	774 490	75.39	67.93	20.00
1	-	1	1 570 895	78.12	72.52	33.33
1	-	1	1 482 425	80.32	66.44	33.33
44	28	16	773 040	75.21	67.97	57.14
66	43	23	1 566 701	77.83	72.60	49.25
66	41	25	1 478 240	79.96	66.55	56.41
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
16	15	1	4 084 113	79.20	70.40	25.00





Table 167. Trainees in Japan under Taiwan-Japan technical cooperation programs

Fiscal Year	Total	Persons							
		Agriculture & natural resources	Industry & mining	Transportation & public construction	Public health & environmental protection	Education & vocational training	Public security & public administration	Economic development	General and misc.
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
2014	15	-	-	-	-	-	6	7	2