

ISSN 0256-7857

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

---

# **2015**

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

October 2016



## 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

**Table 1. Land, agricultural land and forest land areas**

End of Year	Land area (Km <sup>2</sup> )	Cultivated land (Ha.)							Forest land area (Ha.)		
		Grand total	Paddy field					Upland field			
			Total	Double- cropping	Single-cropping						
					Sub-total	1st Crop	2nd Crop				
1962	36 140.27	871 858	530 354	331 765	198 589	14 922	183 667	341 504	2 131 267		
1971	36 160.50	902 617	525 761	334 690	191 071	11 109	179 962	376 856	2 224 472		
1981	36 179.12	900 062	502 822	354 036	148 786	11 906	136 880	397 240	1 865 141		
1991	36 181.87	884 443	472 759	333 448	139 311	10 182	129 129	411 684	1 865 141		
2001	36 188.04	848 743	438 974	315 544	123 430	7 239	116 191	409 769	2 101 719		
End of Year	Land area (Km <sup>2</sup> )	Agricultural land area (Ha.)								Forest land area (Ha.)	
		Grand total	Cropland						Permanent cropland		Fallow
			Total	Short-term cropland							
				Sub-total	Rice	Temporary crops, excluding rice	Short-term fallow				
2006	36 188.04	829 527	785 226	478 304	155 248	130 342	192 714	306 922	44 301	2 101 719	
2007	36 189.51	825 947	780 182	477 006	155 459	134 099	187 447	303 177	45 765	2 101 719	
2008	36 189.51	822 364	776 451	477 358	148 333	132 008	197 016	299 093	45 913	2 101 719	
2009	36 191.47	815 462	768 545	475 690	151 338	128 647	195 705	292 855	46 917	2 101 719	
2010	36 191.47	813 126	761 821	479 639	139 941	136 899	202 799	282 182	51 305	2 101 719	
2011	36 192.82	808 294	755 355	479 332	153 405	119 314	206 613	276 022	52 939	2 101 719	
2012	36 192.82	802 876	752 108	482 915	156 662	120 151	206 102	269 193	50 768	2 101 719	
2013	36 192.82	799 830	751 151	485 622	162 869	106 286	216 467	265 529	48 679	2 101 719	
2014	36 192.82	799 611	748 613	484 594	166 602	96 503	221 489	264 019	50 999	2 101 719	
2015	36 197.05	796 618	746 576	481 824	146 597	98 639	236 587	264 752	50 042	2 197 090	

**Source:** 1. Ministry of the Interior  
2. Agriculture and Food Agency, COA, Executive Yuan  
3. Forestry Bureau, COA, Executive Yuan



**Table 2. The mean temperature**

°C

Year	Kee-lung	Dan-shuei	Taipei	Hsin-chu	Yilan	Tai-chung	Hua-lien	Sun Moon Lake	Ali-shan	Kao-hsiung	Heng-chun
1952	22.4	22.5	22.4	22.1	22.3	23.1	23.2	19.9	11.3	24.5	25.6
1971	22.1	22.1	22.1	21.8	21.6	22.6	22.7	18.9	10.1	23.8	24.7
1981	22.1	22.5	22.5	22.2	22.3	22.8	23.1	19.1	10.9	25.0	25.2
1991	22.6	22.3	23.5	22.5	22.3	23.5	23.5	19.4	11.1	25.3	25.1
2001	23.0	22.3	23.3	22.7	22.8	23.6	23.7	19.2	11.5	25.1	25.2
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
2015	23.0	23.1	23.8	23.3	23.0	24.3	23.9	19.6	12.0	26.1	26.1

Source: Central Weather Bureau



# POPULATION AND HOUSING

**Table 3. General situation of population**

End of Year	No. of population (1,000 Persons)						Sex ratio (Female=100)	Depen- dency ratio	House- holds (1,000 Households)	Mean size of house- holds (Persons/ households)	Populatio n density (Persons per km <sup>2</sup> )
	Total	By sex		By age							
		Male	Female	0-14	15-64	65+					
1961	11 149	5 715	5 434	5 112	5 759	278	105.2	93.6	2 002	5.6	310.0
1971	14 995	7 895	7 100	5 805	8 736	454	111.2	71.6	2 703	5.5	416.7
1981	18 194	9 480	8 714	5 754	11 637	803	108.8	56.3	3 906	4.7	502.9
1991	20 606	10 640	9 966	5 427	13 833	1 345	106.8	49.0	5 227	3.9	569.5
2001	22 406	11 442	10 964	4 662	15 770	1 973	104.4	42.1	6 802	3.3	619.1
2006	22 877	11 592	11 285	4 146	16 444	2 287	102.7	39.1	7 395	3.1	632.2
2007	22 958	11 609	11 350	4 031	16 585	2 343	102.3	38.4	7 512	3.1	634.4
2008	23 037	11 626	11 411	3 905	16 730	2 402	101.9	37.7	7 656	3.0	636.6
2009	23 120	11 637	11 483	3 778	16 884	2 458	101.3	36.9	7 806	3.0	638.8
2010	23 162	11 635	11 527	3 624	17 050	2 488	100.9	35.9	7 937	2.9	640.0
2011	23 225	11 646	11 579	3 502	17 195	2 528	100.6	35.1	8 058	2.9	641.7
2012	23 316	11 673	11 643	3 412	17 304	2 600	100.3	34.7	8 186	2.8	644.2
2013	23 374	11 685	11 689	3 347	17 333	2 694	100.0	34.9	8 286	2.8	645.8
2014	23 434	11 698	11 736	3 277	17 348	2 809	99.7	35.1	8 383	2.8	647.5
2015	23 492	11 712	11 780	3 188	17 366	2 939	99.4	35.3	8 469	2.8	649.0

**Note:** Data do not include Kinmen County and Lienchiang County before 1980.

**Source:** Ministry of the Interior

**Table 4. Number and rates of births, deaths, immigrants and emigrants, marriages and divorces**

Persons

Year	Births				Deaths			
	No. of births	Male	Female	Crude birth rates (0/00)	No. of deaths	Male (1)	Female (1)	Crude death rates (0/00)
1966	415 108	213 328	201 780	32.40	69 778	39 379	30 399	5.45
1971	380 424	195 938	184 486	25.64	70 954	41 596	29 358	4.78
1981	414 069	213 948	200 121	22.97	87 192	52 627	34 221	4.84
1991	321 932	168 865	153 067	15.70	106 284	65 386	40 898	5.18
2001	260 354	135 596	124 758	11.65	127 647	79 319	48 328	5.71
2006	204 459	106 936	97 523	8.96	135 839	84 800	51 039	5.95
2007	204 414	106 898	97 516	8.92	141 111	87 029	54 082	6.16
2008	198 733	103 937	94 796	8.64	143 624	88 541	55 083	6.25
2009	191 310	99 492	91 818	8.29	143 582	88 088	55 494	6.22
2010	166 886	87 213	79 673	7.21	145 772	89 152	56 620	6.30
2011	196 627	101 943	94 684	8.48	152 915	93 810	59 105	6.59
2012	229 481	118 848	110 633	9.86	154 251	93 618	60 633	6.63
2013	199 113	103 120	95 993	8.53	155 908	94 505	61 403	6.68
2014	210 383	108 817	101 566	8.99	163 929	98 733	65 196	7.00
2015	213 598	111 041	102 557	9.10	163 858	98 580	65 278	6.98

**Note:** (1) Data do not include Kinmen County and Lienchiang County before 1981.

**Source:** Ministry of the Interior

**Table 4. Number and rates of births, deaths, immigrants and emigrants, marriages and divorces (continued)**

Year	Immigrants & emigrants (Persons)		Natural increase rates (0/00)	Social increase rates (0/00)	Marriages		Divorces	
	Immigrants	Emigrants			Couples (Pairs)	Crude marriage rates (0/00)	Couples (Pairs)	Crude divorce rates (0/00)
1966	680 765	661 991	31.58	1.54	95 897	7.49	4 915	0.38
1971	691 326	688 843	20.86	0.76	106 812	7.20	5 310	0.36
1981	1 541 191	1 536 683	18.13	0.06	167 496	9.29	14 884	0.83
1991	1 477 764	1 489 892	10.52	-0.54	162 972	7.95	28 298	1.38
2001	1 373 363	1 377 174	5.94	-0.17	170 515	7.63	56 538	2.53
2006	1 414 340	1 376 816	3.01	1.64	142 669	6.25	64 540	2.83
2007	1 173 040	1 154 510	2.76	0.81	135 041	5.89	58 518	2.55
2008	1 196 407	1 172 845	2.40	1.02	154 866	6.73	55 995	2.43
2009	1 198 561	1 163 548	2.07	1.52	117 099	5.07	57 223	2.48
2010	1 213 899	1 192 662	0.91	0.92	138 819	6.00	58 115	2.51
2011	1 128 449	1 109 372	1.88	0.82	165 327	7.13	57 008	2.46
2012	1 118 006	1 102 326	3.23	0.67	143 384	6.16	55 980	2.41
2013	1 079 702	1 065 212	1.85	0.62	147 636	6.32	53 604	2.30
2014	1 073 783	1 060 001	1.98	0.59	149 287	6.38	53 190	2.27
2015	1 004 108	995 527	2.12	0.37	154 346	6.58	53 459	2.28

**Table 5. Fertility rates of childbearing age women**

‰

Year	General fertility rates	Total fertility rates	Age-specific fertility rates						
			15-19	20-24	25-29	30-34	35-39	40-44	45-49
1951	211	7 040	68	267	350	311	226	132	34
1971	112	3 705	36	224	277	134	51	16	3
1981	89	2 455	31	176	197	69	14	3	1
1991	58	1 720	17	92	149	68	16	2	0
2001	41	1 400	13	62	106	75	21	3	0
2006	33	1 115	7	41	78	71	23	3	0
2007	32	1 100	6	37	76	74	24	3	0
2008	31	1 050	5	32	72	73	25	3	0
2009	31	1 030	4	27	69	75	27	4	0
2010	27	895	4	23	55	65	28	4	0
2011	32	1 065	4	23	66	81	34	5	0
2012	38	1 270	4	26	79	97	42	6	0
2013	32	1 065	4	22	62	80	39	6	0
2014	34	1 165	4	22	67	90	43	7	0
2015	35	1 175	4	22	66	91	45	7	0

Source: Ministry of the Interior

Table 6. Life expectancy and death rates by 5-year age group

‰

Year	Life expectancy (1) (Years)		Infant mortality rates (2)	Maternal mortality rates (3)	All ages			0			1-4		
	Male	Female			Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951	53.10	57.32	...	...	11.57	11.75	11.39	40.42	42.72	38.04	24.89	23.36	26.48
1971	67.19	72.08	...	...	4.78	5.32	4.18	15.96	17.04	14.80	2.68	2.78	2.58
1981	69.74	74.64	...	...	4.85	5.63	4.00	10.05	10.63	9.42	1.28	1.45	1.10
1991	71.83	77.14	5.06	7.80	5.17	6.15	4.12	5.39	5.69	5.07	0.74	0.84	0.64
2001	74.07	79.92	6.05	6.98	5.72	6.96	4.43	6.33	6.85	5.76	0.46	0.53	0.38
2006	74.86	81.41	4.58	7.29	5.98	7.35	4.56	5.46	5.89	4.99	0.32	0.38	0.27
2007	75.46	81.72	4.71	6.87	6.13	7.46	4.76	5.48	6.08	4.83	0.30	0.33	0.27
2008	75.59	81.94	4.57	6.62	6.24	7.62	4.84	5.00	5.29	4.68	0.37	0.40	0.34
2009	76.03	82.34	4.05	8.33	6.22	7.57	4.85	4.44	4.59	4.27	0.31	0.33	0.29
2010	76.13	82.55	4.23	4.20	6.30	7.66	4.92	4.42	4.91	3.88	0.25	0.26	0.25
2011	75.96	82.63	4.19	5.04	6.61	8.07	5.13	5.05	5.30	4.79	0.30	0.31	0.28
2012	76.43	82.82	3.67	8.53	6.67	8.08	5.25	4.43	4.89	3.93	0.28	0.29	0.27
2013	76.91	83.36	3.93	9.23	6.67	8.08	5.26	3.91	4.21	3.58	0.21	0.23	0.19
2014	76.72	83.19	3.60	6.62	6.98	8.42	5.54	4.01	4.57	3.42	0.22	0.23	0.21
2015	...	...	4.12	11.70	6.98	8.42	5.55	4.44	4.74	4.11	0.22	0.25	0.18

  

Year	5-9			10-14			15-19			20-24		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951	3.35	3.42	3.27	2.02	2.21	1.82	2.09	2.17	2.00	3.39	3.53	3.26
1971	0.62	0.72	0.50	0.48	0.57	0.38	0.89	1.08	0.68	1.28	1.71	0.82
1981	0.45	0.58	0.32	0.46	0.57	0.33	0.95	1.33	0.54	1.23	1.71	0.74
1991	0.33	0.39	0.27	0.34	0.41	0.26	0.91	1.30	0.49	1.08	1.55	0.58
2001	0.20	0.23	0.17	0.21	0.25	0.17	0.60	0.80	0.39	0.73	1.01	0.43
2006	0.16	0.18	0.14	0.18	0.22	0.14	0.48	0.66	0.28	0.64	0.88	0.40
2007	0.16	0.16	0.15	0.15	0.18	0.11	0.41	0.55	0.25	0.61	0.82	0.38
2008	0.15	0.16	0.14	0.14	0.16	0.12	0.40	0.54	0.25	0.56	0.76	0.35
2009	0.19	0.22	0.17	0.17	0.20	0.13	0.39	0.50	0.27	0.54	0.71	0.35
2010	0.14	0.16	0.11	0.15	0.17	0.13	0.38	0.52	0.23	0.48	0.67	0.27
2011	0.13	0.15	0.11	0.15	0.17	0.12	0.37	0.50	0.24	0.53	0.73	0.30
2012	0.15	0.14	0.15	0.15	0.17	0.12	0.36	0.48	0.22	0.49	0.63	0.33
2013	0.15	0.14	0.15	0.16	0.17	0.14	0.34	0.47	0.21	0.45	0.61	0.28
2014	0.15	0.15	0.15	0.14	0.16	0.12	0.33	0.45	0.21	0.44	0.61	0.24
2015	0.10	0.12	0.08	0.12	0.15	0.10	0.35	0.48	0.20	0.45	0.61	0.27

**Note:** The data of death rates do not include Kinmen County and Lienchiang County, and they are calculated by the date of death of occurrence after 1973.

(1) Data do not include Kinmen County and Lienchiang County before 1992.

(2) It's per 1,000 live births.

(3) It's per 100,000 live births.

**Source:** 1. Ministry of the Interior

2. Ministry of Health and Welfare



**Table 6. Life expectancy and death rates by 5-year age group (continued)**

‰

Year	25-29			30-34			35-39			40-44		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951	4.38	4.66	4.08	5.35	5.44	5.26	6.55	6.84	6.22	9.19	9.65	8.70
1971	1.58	2.07	1.07	1.88	2.39	1.35	2.60	3.13	1.99	3.58	4.09	2.82
1981	1.34	1.83	0.82	1.56	2.13	0.95	2.20	2.92	1.44	3.18	4.29	2.04
1991	1.24	1.75	0.70	1.46	2.05	0.84	1.97	2.72	1.18	2.68	3.75	1.56
2001	0.85	1.22	0.46	1.22	1.76	0.66	1.81	2.62	0.97	2.56	3.68	1.40
2006	0.88	1.24	0.50	1.24	1.84	0.63	1.80	2.71	0.86	2.62	3.88	1.32
2007	0.78	1.07	0.48	1.12	1.63	0.60	1.67	2.52	0.81	2.52	3.78	1.25
2008	0.72	0.98	0.45	1.10	1.58	0.61	1.66	2.47	0.85	2.50	3.73	1.25
2009	0.74	0.99	0.48	1.04	1.50	0.57	1.61	2.46	0.77	2.41	3.54	1.27
2010	0.68	0.94	0.41	0.97	1.38	0.56	1.46	2.19	0.75	2.32	3.43	1.21
2011	0.64	0.90	0.37	0.99	1.41	0.56	1.56	2.35	0.79	2.37	3.61	1.13
2012	0.64	0.84	0.44	0.96	1.35	0.58	1.50	2.22	0.80	2.30	3.47	1.14
2013	0.55	0.75	0.33	0.86	1.20	0.52	1.38	2.05	0.72	2.13	3.17	1.10
2014	0.54	0.72	0.35	0.86	1.21	0.51	1.44	2.13	0.76	2.16	3.22	1.13
2015	0.55	0.73	0.36	0.80	1.11	0.50	1.34	1.99	0.70	2.11	3.15	1.10
Year	45-49			50-54			55-59			60-64		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951	11.93	13.52	10.18	15.95	18.75	12.99	22.36	26.48	18.21	34.37	41.41	28.04
1971	5.28	5.96	4.25	8.54	9.94	6.55	12.96	15.40	9.72	21.76	26.74	16.26
1981	4.91	6.27	3.38	7.28	8.68	5.26	11.24	13.20	8.38	18.10	21.15	14.03
1991	4.16	5.62	2.65	6.18	8.20	4.15	9.08	11.72	6.21	14.42	17.29	10.51
2001	3.60	5.09	2.07	5.26	7.32	3.18	8.20	10.95	5.49	12.05	16.01	8.32
2006	3.52	5.22	1.81	5.01	7.13	2.89	7.11	9.78	4.49	10.53	14.14	7.10
2007	3.50	5.09	1.89	4.82	6.83	2.82	6.87	9.53	4.27	10.40	13.98	6.99
2008	3.48	5.08	1.88	4.71	6.80	2.64	6.66	9.43	3.96	10.20	13.86	6.71
2009	3.31	4.85	1.77	4.65	6.70	2.63	6.58	9.19	4.04	9.76	13.21	6.48
2010	3.31	4.82	1.80	4.53	6.51	2.58	6.48	9.13	3.92	9.25	12.66	6.00
2011	3.36	5.02	1.70	4.65	6.63	2.69	6.38	9.11	3.74	9.31	12.88	5.93
2012	3.36	4.93	1.81	4.45	6.44	2.50	6.18	8.78	3.66	9.04	12.31	5.94
2013	3.25	4.78	1.73	4.55	6.55	2.57	6.14	8.73	3.65	8.92	12.34	5.68
2014	3.29	4.89	1.71	4.58	6.57	2.62	6.21	8.68	3.82	8.91	12.33	5.69
2015	3.21	4.76	1.68	4.44	6.41	2.50	6.05	8.75	3.46	8.76	12.21	5.52

Table 6. Life expectancy and death rates by 5-year age group (continued)

‰

Year	65-69			70-74			75-79			80-84		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951	46.90	57.80	38.42	112.03	131.49	101.09	-	-	-	-	-	-
1971	34.46	42.13	26.89	55.72	67.05	46.37	84.00	103.34	70.78	131.86	152.60	120.76
1981	29.42	34.11	23.72	45.72	52.85	38.87	71.16	79.04	64.64	113.80	127.26	104.95
1991	22.60	26.15	17.84	37.67	42.90	31.42	63.33	70.01	56.30	100.13	110.18	92.10
2001	19.23	24.59	13.88	30.59	35.87	23.98	48.52	55.68	39.91	80.05	89.47	70.46
2006	16.15	21.17	11.62	26.56	33.38	20.14	42.97	50.40	34.33	68.88	78.17	58.76
2007	16.20	21.29	11.59	26.14	33.25	19.73	43.13	51.41	33.91	69.11	77.69	59.68
2008	15.45	20.49	10.89	25.94	33.39	19.41	42.43	51.10	33.30	69.16	78.53	58.80
2009	14.92	19.62	10.65	24.56	31.93	18.22	40.67	49.41	32.03	66.84	76.36	56.36
2010	14.41	19.49	9.77	23.27	29.97	17.54	39.99	49.35	31.34	67.09	76.87	56.48
2011	14.48	19.58	9.83	23.36	30.52	17.24	40.70	51.33	31.44	67.49	78.29	56.13
2012	14.29	19.06	9.93	22.71	29.59	16.81	39.14	49.29	30.69	66.71	78.66	54.71
2013	13.55	18.15	9.35	22.22	28.81	16.55	37.11	47.10	29.03	65.08	77.47	53.34
2014	13.64	18.32	9.36	22.29	29.16	16.37	37.61	47.60	29.64	65.37	78.71	53.52
2015	13.03	17.63	8.83	21.36	27.89	15.71	36.44	46.76	28.25	63.63	77.69	51.98
Year	85-89			90-94			95-99			100+		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1951												
1971				239.66	278.53	225.17						
1981				197.77	220.30	186.64						
1991				166.92	170.41	164.68						
2001	127.12	133.90	121.28	190.08	189.88	190.21	244.90	212.52	266.46	166.67	92.59	218.95
2006	109.27	118.33	101.03	165.60	168.66	163.12	225.58	201.67	241.90	156.27	90.04	225.81
2007	112.08	119.68	105.11	174.77	172.76	176.34	225.58	193.69	248.54	168.46	114.43	225.74
2008	112.12	122.33	102.67	179.14	181.36	177.44	245.37	209.49	272.52	201.88	135.33	269.76
2009	109.84	119.16	101.15	168.90	172.70	165.93	231.05	206.05	249.96	201.34	140.46	260.43
2010	109.58	119.86	99.81	171.48	175.96	167.91	239.46	216.84	256.56	225.68	144.99	303.15
2011	110.83	121.63	100.35	177.90	185.84	171.48	246.85	228.83	260.64	259.17	198.64	316.27
2012	108.63	120.20	97.30	175.29	181.34	170.34	257.79	248.49	264.80	256.12	213.49	297.75
2013	107.13	120.80	93.71	167.09	174.31	161.10	251.54	241.65	258.84	246.78	190.93	303.25
2014	110.25	124.23	96.67	175.58	186.71	166.32	253.85	249.92	256.79	312.41	284.32	339.64
2015	106.43	118.89	94.58	170.44	184.36	158.70	253.78	255.65	252.36	317.72	301.31	332.70

# MANPOWER

Table 7. Indicators of labor force status

1,000 Persons

Year	Total population	Civilian population aged 15 years & over	As a % of total population (%)	Labor force					Employed	
				Numbers			As a % of total population (%)	Labor force participation rates (%)	Numbers	
				Total	Male	Female			Total	Male
Ave. 1952	8 325	4 485	53.87	3 030	...	...	36.40	67.56	2 893	...
Ave. 1971	14 848	8 444	56.87	4 819	...	...	32.46	57.07	4 738	...
Ave. 1981	17 974	11 698	65.08	6 764	4 503	2 261	37.63	57.82	6 672	4 448
Ave. 1991	20 456	14 496	70.86	8 569	5 355	3 214	41.89	59.11	8 439	5 274
Ave. 2001	22 281	17 179	77.10	9 832	5 855	3 977	44.13	57.23	9 383	5 553
Ave. 2006	22 738	18 166	79.89	10 522	6 056	4 467	46.28	57.92	10 111	5 810
Ave. 2007	22 821	18 392	80.59	10 713	6 116	4 597	46.94	58.25	10 294	5 868
Ave. 2008	22 905	18 623	81.30	10 853	6 173	4 680	47.38	58.28	10 403	5 902
Ave. 2009	22 977	18 855	82.06	10 917	6 180	4 737	47.51	57.90	10 279	5 776
Ave. 2010	23 036	19 062	82.75	11 070	6 242	4 828	48.06	58.07	10 493	5 880
Ave. 2011	23 077	19 253	83.43	11 200	6 304	4 896	48.53	58.17	10 709	6 006
Ave. 2012	23 148	19 436	83.97	11 341	6 369	4 972	48.99	58.35	10 860	6 083
Ave. 2013	23 218	19 587	84.36	11 445	6 402	5 043	49.29	58.43	10 967	6 116
Ave. 2014	23 262	19 705	84.71	11 535	6 441	5 094	49.59	58.54	11 079	6 166
Ave. 2015	23 319	19 842	85.09	11 638	6 497	5 141	49.91	58.65	11 198	6 234

**Note:** Data do not include Kinmen County and Lienchiang County.

**Source:** Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 7. Indicators of labor force status (continued)**

1,000 Persons

Year	Employed					Unemployed			Not in labor force	
	Numbers	As a % of total population (%)	As a % of civilian population aged 15 years & over (%)	As a % of labor force (%)	Employment index (Ave. 2011=100)	Numbers	Female	Unemployment rates (%)		Female
	Female									
Ave. 1952	...	34.75	64.50	95.48	...	137	...	4.52	1 455	...
Ave. 1971	...	31.91	56.11	98.32	...	80	...	1.66	3 625	...
Ave. 1981	2 224	37.12	57.04	98.64	62.30	92	37	1.36	4 934	3 572
Ave. 1991	3 165	41.25	58.22	98.49	78.80	130	49	1.51	5 927	4 026
Ave. 2001	3 830	42.11	54.62	95.43	87.62	450	148	4.57	7 347	4 651
Ave. 2006	4 301	44.47	55.66	96.09	94.42	411	166	3.91	7 644	4 708
Ave. 2007	4 426	45.11	55.97	96.09	96.13	419	171	3.91	7 679	4 700
Ave. 2008	4 501	45.42	55.86	95.86	97.15	450	179	4.14	7 770	4 742
Ave. 2009	4 502	44.73	54.51	94.15	95.98	639	235	5.85	7 937	4 810
Ave. 2010	4 613	45.55	55.05	94.79	97.99	577	215	5.21	7 992	4 849
Ave. 2011	4 702	46.41	55.62	95.61	100.00	491	194	4.39	8 053	4 901
Ave. 2012	4 777	46.92	55.88	95.76	101.41	481	195	4.24	8 096	4 934
Ave. 2013	4 851	47.23	55.99	95.82	102.41	478	192	4.18	8 142	4 951
Ave. 2014	4 913	47.63	56.22	96.04	103.45	457	182	3.96	8 170	4 966
Ave. 2015	4 964	48.02	56.43	96.22	104.57	440	177	3.78	8 204	4 991

**Table 8. Employed persons by industry**

1,000 Persons

Year	Total	Agriculture, forestry, fishing & animal husbandry	Goods-producing industries					Services-providing industries		
			Mining & quarrying	Manufactur- ing	Electricity & gas supply	Water supply & remediation activities	Construc- tion	Wholesale & retail trade	Accommo- dation & food service activities	Transporta- tion & storage
Ave. 1978	6 231	1 553	60	1 916	25	...	459	941	...	304
Ave. 1981	6 672	1 257	54	2 162	29	...	583	1 106	...	342
Ave. 1991	8 439	1 093	19	2 598	37	...	715	1 712	...	448
Ave. 1996	9 068	918	14	2 422	35	...	928	1 976	...	472
Ave. 2001	9 383	706	10	2 594	28	54	745	1 679	532	421
Ave. 2006	10 111	554	7	2 777	28	60	829	1 759	665	417
Ave. 2007	10 294	543	6	2 842	28	65	846	1 782	681	415
Ave. 2008	10 403	535	6	2 886	28	71	842	1 770	687	414
Ave. 2009	10 279	543	5	2 790	29	73	788	1 735	693	402
Ave. 2010	10 493	550	4	2 861	29	78	797	1 747	727	404
Ave. 2011	10 709	542	4	2 949	29	79	831	1 763	728	411
Ave. 2012	10 860	544	4	2 975	29	82	845	1 800	750	414
Ave. 2013	10 967	544	4	2 988	29	84	861	1 817	775	425
Ave. 2014	11 079	548	4	3 007	29	82	881	1 825	792	433
Ave. 2015	11 198	555	4	3 024	30	82	895	1 842	813	437

**Note:** 1. Data do not include Kinmen County and Lienchiang County.

2. The data in the table are based on the 9th revised Standard Industrial Classification System from 2012.

**Source:** Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 8. Employed persons by industry (continued)**

1,000 Persons

Year	Services-providing industries									
	Information & communication	Financial & insurance activities	Real estate activities	Professional, scientific & technical activities	Support service activities	Public administration & defence; compulsory social security	Education	Human health & social work activities	Arts, entertainment & recreation	Others
Ave. 1978	...	73	...	...	...	210	...	...	...	692
Ave. 1981	...	95	...	...	...	238	...	...	...	806
Ave. 1991	...	227	...	...	...	294	...	...	...	1 297
Ave. 1996	...	334	...	...	...	324	...	...	...	1 645
Ave. 2001	190	373	40	202	153	315	484	268	93	496
Ave. 2006	209	407	66	264	205	334	563	334	111	524
Ave. 2007	206	404	74	301	215	332	588	340	101	523
Ave. 2008	203	411	74	317	231	343	605	355	98	528
Ave. 2009	207	413	68	315	232	382	613	368	96	527
Ave. 2010	208	428	75	325	236	389	619	386	98	532
Ave. 2011	218	428	87	339	247	388	629	408	94	536
Ave. 2012	228	426	90	342	260	384	630	420	95	541
Ave. 2013	234	422	92	347	263	383	634	427	96	541
Ave. 2014	241	416	98	354	273	378	645	432	95	543
Ave. 2015	246	420	100	362	281	375	650	438	99	546

**Table 9. Unemployment rates by educational attainment and age**

%

Year	Both sexes	Male	Female	Educational attainment						
				Primary school & below	Junior high school	Senior high school	Vocational school	Junior college	University	Graduate school
Ave. 1978	1.7	1.6	1.9	0.6	2.3	3.7	3.7	3.7	2.5	-
Ave. 1981	1.4	1.2	1.7	0.5	1.7	2.3	3.0	2.6	1.9	-
Ave. 1991	1.5	1.5	1.5	0.6	1.6	2.1	2.2	2.2	1.8	-
Ave. 1996	2.6	2.7	2.4	1.4	2.8	2.8	3.1	3.1	3.1	-
Ave. 2001	4.6	3.4	2.4	3.6	5.8	4.9	5.2	4.0	3.3	-
Ave. 2006	3.9	4.1	3.7	2.3	3.9	4.1	4.4	3.6	4.4	-
Ave. 2007	3.9	4.1	3.7	2.3	3.9	4.0	4.4	3.4	4.5	-
Ave. 2008	4.1	4.4	3.8	2.7	4.5	4.4	4.3	3.4	4.8	-
Ave. 2009	5.9	6.5	5.0	4.4	6.8	6.1	6.2	5.0	6.0	-
Ave. 2010	5.2	5.8	4.5	3.3	5.8	5.4	5.6	4.3	5.6	-
Ave. 2011	4.4	4.7	4.0	2.5	4.4	4.8	4.6	3.4	5.8	3.0
Ave. 2012	4.2	4.5	3.9	2.3	4.3	4.4	4.2	3.2	5.9	3.5
Ave. 2013	4.2	4.5	3.8	2.3	4.3	4.3	4.1	3.1	5.8	3.3
Ave. 2014	4.0	4.3	3.6	2.0	3.9	3.8	3.8	3.1	5.6	3.0
Ave. 2015	3.8	4.1	3.4	1.8	3.3	3.8	3.8	2.8	5.3	2.9

**Note:** Data do not include Kinmen County and Lienchiang County.**Source:** Directorate-General of Budget, Accounting and Statistics, Executive Yuan



**Table 9. Unemployment rates by educational attainment and age (continued)**

%

Year	Age										
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
Ave. 1978	4.0	3.8	1.5	0.6	0.4	0.4	0.4	0.8	0.8	0.4	0.2
Ave. 1981	3.7	3.5	1.1	0.5	0.4	0.4	0.3	0.4	0.4	0.2	0.0
Ave. 1991	4.9	4.4	1.9	0.9	0.8	0.6	0.5	0.5	0.4	0.2	0.1
Ave. 1996	7.5	6.7	3.6	2.1	1.7	1.5	1.4	1.2	1.1	0.6	0.1
Ave. 2001	13.6	9.6	5.5	4.2	3.7	3.4	3.3	3.1	2.4	1.3	0.1
Ave. 2006	11.5	10.1	5.9	3.8	2.9	2.4	2.3	2.5	2.3	1.6	0.3
Ave. 2007	11.1	10.6	5.9	3.9	2.8	2.8	2.5	2.3	2.0	1.3	0.2
Ave. 2008	11.4	11.9	6.4	3.9	3.0	2.6	2.8	2.6	2.3	1.4	0.2
Ave. 2009	13.5	14.7	8.8	5.8	4.6	4.2	4.3	4.1	3.5	2.0	0.1
Ave. 2010	10.9	13.5	8.2	5.2	4.1	3.8	3.9	3.5	3.1	1.5	0.2
Ave. 2011	11.2	12.7	7.1	4.3	3.3	3.0	3.0	2.7	2.4	1.6	0.2
Ave. 2012	9.8	13.2	7.1	4.3	3.4	2.8	2.6	2.4	2.1	1.7	0.2
Ave. 2013	9.6	13.7	7.1	4.2	3.4	2.5	2.6	2.3	2.1	1.3	0.1
Ave. 2014	8.8	13.2	6.8	4.0	3.3	2.6	2.4	2.1	2.0	1.2	0.1
Ave. 2015	8.6	12.6	6.6	4.0	3.1	2.4	2.4	2.1	1.8	1.2	0.1

Table 10. Average monthly earnings of employees on payrolls of establishments by industry

NT\$

Year	Industry & services			Industry						Services	
	Average	Male	Female	Average	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation activities	Construction	Average	Wholesale & retail trade
Ave. 1973	...	...	...	2 254	2 964	2 179	4 331	...	2 558	...	...
Ave. 1981	10 677	12 550	8 051	9 914	14 751	9 555	19 157	10 800	10 764	12 186	11 488
Ave. 1991	26 881	31 444	20 811	25 359	28 671	24 426	58 395	29 915	28 193	29 052	26 435
Ave. 1996	36 699	41 892	29 745	34 692	37 354	33 833	79 953	39 304	35 817	38 811	34 904
Ave. 2001	41 960	47 010	35 620	39 005	44 069	38 412	97 399	46 002	37 746	44 818	39 775
Ave. 2006	43 488	48 015	38 032	42 507	53 344	42 393	97 230	47 251	39 168	44 350	39 380
Ave. 2007	44 392	48 874	39 016	43 306	50 949	43 178	98 519	44 399	40 310	45 329	39 463
Ave. 2008	44 367	48 994	38 829	43 236	51 333	43 121	89 432	44 521	40 754	45 326	39 956
Ave. 2009	42 182	46 376	37 206	40 005	49 448	39 125	96 285	44 042	40 870	43 923	40 081
Ave. 2010	44 359	48 716	39 195	42 754	52 551	42 300	96 523	45 106	41 598	45 656	41 766
Ave. 2011	45 508	50 045	40 160	43 746	53 978	43 316	95 382	45 828	42 716	46 933	42 562
Ave. 2012	45 589	49 935	40 486	44 011	52 751	43 689	92 869	43 680	42 683	46 850	41 822
Ave. 2013	45 664	49 931	40 673	44 076	54 871	43 829	88 873	44 118	42 540	46 921	42 274
Ave. 2014	47 300	51 464	42 481	45 378	54 579	45 207	94 022	44 814	43 251	48 815	44 422
Ave. 2015	48 490	52 653	43 709	46 735	53 886	46 781	96 444	44 183	43 346	49 861	45 488
Year	Services										
	Transportation & storage	Accommodation & food service activities	Information & communication	Financial & insurance activities	Real estate activities	Professional, scientific & technical activities	Support service activities	Education	Human health activities	Arts, entertainment & recreation	Others
Ave. 1973	3 163	...	...	...	...	...	...	...	...	...	...
Ave. 1981	12 696	8 501	15 999	17 467	18 724	12 463	11 401	...	14 502	10 033	8 462
Ave. 1991	29 897	17 049	41 579	41 031	39 214	33 695	23 702	...	32 366	18 235	18 631
Ave. 1996	40 983	22 198	55 873	56 886	40 445	43 217	33 649	...	44 797	23 532	25 846
Ave. 2001	48 017	25 973	62 100	62 657	42 277	49 227	35 579	...	54 484	28 338	29 927
Ave. 2006	48 338	24 960	61 134	69 054	38 313	51 740	32 622	...	55 429	31 303	30 203
Ave. 2007	49 080	25 476	63 731	75 828	37 858	53 264	33 127	...	56 613	31 414	29 925
Ave. 2008	49 540	26 699	63 777	71 528	40 324	54 542	32 977	...	58 134	31 930	29 314
Ave. 2009	47 835	27 106	61 888	67 724	38 680	49 983	31 578	22 197	57 857	31 242	29 738
Ave. 2010	48 902	27 788	64 266	74 242	41 018	52 995	32 318	22 459	57 897	32 687	30 832
Ave. 2011	50 186	29 715	66 291	76 951	41 958	55 322	33 009	22 416	59 900	33 236	32 526
Ave. 2012	50 196	30 107	67 008	77 989	39 588	56 479	33 635	22 769	60 263	35 458	32 728
Ave. 2013	49 808	30 504	65 545	77 871	40 298	55 507	33 850	22 922	59 910	36 072	33 313
Ave. 2014	50 028	31 747	66 316	83 092	42 914	57 414	34 909	24 224	61 300	35 829	35 086
Ave. 2015	51 219	32 596	66 453	84 696	42 351	58 252	35 671	24 302	64 103	36 185	34 526

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

2. The data in the table are based on the 9th revised Standard Industrial Classification System from 2013.

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

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

Table 11. Educational situation

School Year	No. of schools (Schools)	No. of teachers (Persons)			No. of students (Persons)			No. of schools per 1,000Sq. Km (Schools)	No. of students per teacher (Persons)	No. of students per 1,000 population (Persons)	Educational expenditure per student (NT\$)
		Total	Male	Female	Total	Male	Female				
1961	3 095	71 098	47 977	23 121	2 540 665	1 407 586	1 133 079	86.06	35.73	226.64	704
1971	4 115	126 454	77 009	49 445	4 130 691	2 239 648	1 891 043	113.80	32.67	274.04	2 815
1981	5 241	170 347	87 733	82 614	4 641 975	2 402 005	2 239 970	144.86	27.25	255.14	20 395
1991	6 787	219 788	97 702	122 086	5 323 715	2 709 473	2 614 242	187.58	24.22	258.36	56 533
2001	8 158	271 625	105 326	166 299	5 354 091	2 732 602	2 621 489	225.43	19.71	238.96	113 255
2006	8 254	273 978	105 111	168 867	5 286 885	2 734 034	2 552 851	228.09	19.30	231.11	133 465
2007	8 202	275 524	105 720	169 804	5 243 062	2 716 258	2 526 804	226.66	19.03	228.37	138 692
2008	8 097	275 308	105 492	169 816	5 165 817	2 676 310	2 489 507	223.76	18.76	224.24	144 820
2009	8 060	274 007	104 925	169 082	5 065 962	2 624 080	2 441 882	222.72	18.49	219.12	152 086
2010	8 196	273 189	104 732	168 457	4 965 690	2 571 212	2 394 478	226.48	18.18	214.39	156 042
2011	8 100	271 523	103 360	168 163	4 860 022	2 515 663	2 344 359	223.82	17.90	209.26	166 410
2012	11 496	301 911	103 282	198 629	5 007 275	2 594 024	2 413 251	317.66	16.59	214.76	166 280
2013	11 426	303 113	103 000	200 113	4 859 558	2 512 750	2 346 808	315.72	16.03	207.91	172 560
2014	11 078	303 078	102 086	200 992	4 729 465	2 441 816	2 287 649	306.11	15.60	201.82	179 181
2015	10 948	299 921	100 138	199 783	4 616 125	2 380 591	2 235 534	302.48	15.39	196.50	...

Source: Ministry of Education

**Table 12. Expenditure situation on education**

I . Educational expenditure

Fiscal Year	Total educational expenditure				Government's educational expenditure		
	Amount (Thousand NT\$)	As a % of GNI (%)			Amount (Thousand NT\$)	Per capita (NT\$)	As a % of gov. exp. (%)
		Public	Private				
1951	213 082	1.69	1.69	...	213 082	28	9.93
1971	11 236 766	4.49	3.62	0.87	9 065 121	614	16.51
1981	74 112 578	4.44	3.61	0.83	60 262 157	3 312	14.71
1991	300 965 051	6.20	5.09	1.10	247 488 080	12 011	17.77
2001	590 444 164	5.70	4.25	1.46	406 886 944	18 160	17.91
2006	702 184 753	5.42	3.99	1.43	469 392 790	20 519	21.20
2007	710 784 665	5.17	3.84	1.34	476 822 193	20 769	20.82
2008	730 759 895	5.43	3.97	1.46	481 068 268	20 882	20.53
2009	778 262 118	5.82	4.45	1.37	532 325 154	23 025	19.93
2010	765 283 147	5.26	4.02	1.24	516 804 324	22 312	20.13
2011	784 518 065	5.34	4.11	1.23	537 799 401	23 156	20.58
2012	817 856 782	5.40	4.11	1.29	548 815 737	23 538	20.49
2013	832 633 478	5.32	3.97	1.35	553 419 602	23 677	20.76
2014	843 744 692	5.09	3.82	1.28	564 144 138	24 074	21.32
2015	848 212 021	4.92	3.67	1.24	566 254 160	24 104	20.31

**Note:** 1. From FY 2000, the government's educational expenditure to public sector was calculated in accordance with the scope of "The Compilation and Administration of Education Expenditures Act" definition.

2. The private sector is only private school.

3. The data of GNI is announced by DGBAS in August, 2016.

4. Public sector expenditure on education includes government's educational expenditure and self-financing.

**Source:** Ministry of Education

**Table 12. Expenditure situation on education (continued)**  
II. Total educational expenditure and composition at all levels of schools

Thousand NT\$

School Year	Kindergarten (1)		Primary and jr. high school		Senior secondary school			
	Amount	As a % of total ed. exp. (%)	Amount	As a % of total ed. exp. (%)	Amount		As a % of total ed. exp. (%)	
					Sr. high school	Vocational school	Sr. high school	Vocational school
1971	130 308	1.22	5 597 317	52.30	1 271 932	1 127 694	11.89	10.54
1981	1 638 797	2.12	38 348 249	49.57	7 588 738	8 642 887	9.81	11.17
1991	8 938 441	3.18	134 930 938	47.95	24 176 059	27 932 875	8.59	9.93
1996	12 739 238	2.90	207 478 294	47.25	42 458 718	46 239 974	9.67	10.53
2001	16 392 865	3.15	234 848 594	45.18	54 833 510	32 114 076	10.55	6.18
2005	16 888 946	2.84	259 143 427	43.64	61 381 206	31 021 495	10.34	5.22
2006	16 840 356	2.78	263 846 425	43.50	63 029 864	30 858 354	10.39	5.09
2007	18 167 852	2.90	264 900 984	42.35	67 205 046	32 639 460	10.75	5.22
2008	18 794 714	3.05	266 595 313	43.24	66 623 260	34 400 712	10.81	5.58
2009	20 492 347	3.30	265 932 749	42.85	68 636 695	34 677 263	11.06	5.59
2010	22 410 725	3.58	270 759 569	43.26	68 105 694	34 447 731	10.88	5.50
2011	35 716 015	5.32	289 288 021	43.08	70 880 551	33 560 846	10.56	5.00
2012	51 423 609	7.23	302 103 382	42.47	72 498 167	33 977 710	10.19	4.78
2013	52 650 876	7.44	302 449 368	42.72	106 711 092		15.07	
2014	53 759 987	7.57	302 720 400	42.61	106 461 488		14.99	
School Year	Junior college		University & college		Supplementary school		Special ed. school	
	Amount	As a % of total ed. exp. (%)	Amount	As a % of total ed. exp. (%)	Amount	As a % of total ed. exp. (%)	Amount	As a % of total ed. exp. (%)
1971	-	-	2 574 330	24.06	-	-	-	-
1981	7 912 238	10.23	13 233 316	17.11	-	-	-	-
1991	24 610 075	8.75	59 457 368	21.13	-	-	1 342 372	0.48
1996	38 167 638	8.69	88 398 565	20.13	-	-	3 584 713	0.82
2001	9 713 177	1.87	168 698 089	32.45	175 137	0.03	3 030 678	0.58
2005	4 922 392	0.84	216 588 311	36.47	189 901	0.03	3 652 462	0.62
2006	4 065 979	0.67	224 197 996	36.96	203 285	0.03	3 520 638	0.58
2007	4 919 764	0.79	233 620 034	37.35	205 101	0.03	3 791 200	0.61
2008	4 096 206	0.66	221 847 878	35.98	223 994	0.04	3 936 601	0.64
2009	4 199 929	0.68	222 516 267	35.86	228 316	0.04	3 880 696	0.63
2010	4 430 076	0.71	221 480 012	35.39	298 630	0.05	3 973 171	0.63
2011	5 719 453	0.85	232 111 633	34.57	212 960	0.03	3 991 822	0.59
2012	5 534 968	0.78	241 560 285	33.96	199 337	0.03	4 000 443	0.56
2013	5 238 632	0.74	236 641 558	33.43	199 747	0.03	4 133 424	0.58
2014	5 361 641	0.75	237 844 409	33.48	-	-	4 218 629	0.59

**Note:** The data of university and college include junior college in SY 1971.

(1) The kindergartens include the child-care from SY 2012.

**Table 13. Primary and junior high school**

I . Primary school

Persons

School Year	No. of schools (Schools)	No. of teachers		No. of staffs	No. of classes (Classes)	No. of students		No. of graduates	
			Female				Female		Female
1946	1 130	15 356	4 905	...	13 683	823 400	337 997	97 051	...
1971	2 331	60 576	26 429	1 378	49 300	2 456 615	1 189 368	389 245	...
1981	2 444	69 613	35 900	1 770	50 622	2 213 179	1 075 582	375 965	...
1991	2 495	84 304	50 886	3 510	56 009	2 293 444	1 111 804	399 710	194 042
2001	2 611	103 501	69 938	7 114	63 172	1 925 491	920 991	326 223	155 865
2006	2 651	100 692	68 628	7 304	62 011	1 798 393	861 386	317 713	152 887
2007	2 651	101 360	69 420	7 349	61 655	1 754 095	839 593	318 661	152 941
2008	2 654	100 206	68 655	7 489	60 630	1 677 439	802 317	314 200	150 567
2009	2 658	99 155	68 066	7 681	59 478	1 593 398	761 409	288 408	138 235
2010	2 661	99 562	68 703	7 925	58 652	1 519 746	725 094	271 625	130 172
2011	2 659	98 559	68 326	8 046	57 986	1 457 004	694 988	285 628	136 258
2012	2 657	97 466	67 840	8 322	56 391	1 373 366	654 851	275 346	131 871
2013	2 650	97 436	68 258	8 621	54 641	1 297 120	618 346	242 831	115 974
2014	2 644	98 580	69 497	8 805	53 541	1 252 762	596 921	230 012	109 644
2015	2 633	97 374	68 896	8 925	52 404	1 214 336	579 157	...	...

**Note:** 1. The number of teachers include staffs in SY 1946.

2. Data do not include Kinmen County and Lienchiang County before SY 1956.

**Source:** Ministry of Education

**Table 13. Primary and junior high school (continued)**

## II. Junior high school

Persons

School Year	No. of schools (Schools)	No. of teachers		No. of staffs	No. of classes (Classes)	No. of students		No. of graduates	
			Female				Female		Female
1968	487	18 587	...	3 704	11 459	617 225	241 816	147 140	...
1971	567	30 239	...	4 912	16 345	847 660	358 801	248 017	...
1981	658	44 796	...	6 402	22 946	1 070 942	510 674	342 117	...
1991	706	52 495	30 372	6 657	26 843	1 176 402	571 428	376 686	185 262
2001	708	49 318	32 207	7 177	26 803	935 738	450 298	300 235	144 958
2006	736	49 749	33 663	6 535	27 339	952 344	456 082	314 010	150 214
2007	740	51 327	34 776	6 461	27 889	953 277	457 803	317 975	152 594
2008	740	51 777	35 084	6 554	28 124	951 976	457 101	316 080	151 854
2009	740	51 899	35 227	6 591	28 332	948 534	455 423	315 798	152 279
2010	740	51 965	35 383	6 593	28 146	919 802	440 934	316 906	152 059
2011	742	51 200	34 896	6 509	27 639	873 226	418 411	309 159	148 878
2012	740	51 872	35 398	6 480	27 468	844 884	404 173	284 579	137 052
2013	738	52 451	35 888	6 592	27 639	831 925	397 958	267 798	128 825
2014	738	52 154	35 776	6 717	27 251	803 233	383 818	276 628	133 439
2015	733	50 394	34 683	6 654	26 048	747 720	357 248	...	...



**Table 14. Senior secondary schools**

Persons

School Year	No. of schools (Schools)		No. of teachers		No. of staffs		No. of classes (Classes)				
	Sr. high school	Vocational school	Sr. high school	Vocational school	Sr. high school	Vocational school	General education	Comprehensive high school	Vocational education	Practical technical program	Continuing education
1946	132	76	1 914	1 314	859	764	...	...	...	...	...
1971	199	168	10 476	8 212	2 933	3 081	4 122		4 597	-	1 680
1981	180	196	13 156	13 147	3 262	4 124	3 841		8 064	-	3 871
1991	177	212	16 711	18 000	3 599	5 045	4 472		10 264	588	4 382
2001	295	178	31 894	17 397	5 910	4 503	8 749		9 203	1 148	3 113
2006	318	156	34 581	16 168	6 423	4 049	10 393		8 148	1 053	2 776
2007	320	156	34 748	16 258	6 442	4 004	10 372		8 208	1 116	2 792
2008	321	156	34 759	16 470	6 476	4 046	10 211		8 342	1 191	2 740
2009	330	156	35 580	16 585	6 589	4 054	10 112		8 512	1 257	2 665
2010	335	156	36 257	16 906	6 668	4 073	10 082		8 738	1 289	2 595
2011	336	155	36 407	16 976	6 607	3 995	10 119		8 847	1 241	2 515
2012	340	155	37 159	17 166	6 635	4 040	10 110		8 932	1 182	2 387
2013	344	155	37 842	17 045	6 760	4 063	9 975		8 881	1 102	2 248
2014	503		55 699		11 012		8 156	1 676	8 810	1 051	2 092
2015	506		55 340		10 988		8 233	1 527	8 769	1 007	1 924

**Note:** 1. Data include Kinmen County and Lienchiang County from SY 1971.

2. 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.

**Source:** Ministry of Education

Table 14. Senior secondary schools (continued)

Persons

School Year	No. of students					No. of graduates	
	General education	Comprehensive high school	Vocational education	Practical technical program	Continuing education	Sr. high school	Vocational school
1946	...	...	...	...	...	298	5 058
1971	190 798		198 969	-	73 972	49 604	52 045
1981	182 391		374 206	-	172 130	53 411	101 524
1991	218 061		475 852	23 386	186 619	61 720	134 917
2001	370 980		377 731	39 750	110 343	112 596	134 013
2006	419 140		335 554	39 610	101 481	134 711	99 288
2007	414 557		339 497	43 425	100 782	135 911	102 190
2008	406 316		346 563	47 309	98 376	131 669	103 064
2009	403 183		354 608	51 166	92 752	131 263	104 927
2010	400 642		362 514	51 904	87 494	128 967	109 837
2011	401 958		366 449	48 018	82 763	128 502	109 863
2012	402 689		369 436	44 301	74 698	128 831	111 933
2013	393 313		360 206	40 530	66 909	277 047	
2014	311 213	65 042	345 937	37 741	58 933	272 563	
2015	309 410	57 528	337 354	35 725	52 349	...	

**Table 15. Higher Education**  
I . Summary of universities, colleges and junior colleges

Persons

School Year	No. of schools (Schools)			No. of graduate schools (Schools)	No. of staffs		
	University	College	Junior college			Female	
1946	4	1	3	-	...	906	...
1971	96	9	14	73	110	6 558	...
1981	104	16	11	77	232	9 185	...
1991	123	21	29	73	446	9 796	5 588
2001	154	57	78	19	1 668	15 595	10 364
2006	163	94	53	16	2 832	19 408	13 254
2007	164	100	49	15	3 118	20 385	13 939
2008	162	102	45	15	3 283	23 041	15 875
2009	164	105	44	15	3 360	23 794	16 437
2010	163	112	36	15	3 362	27 249	19 051
2011	163	116	32	15	3 326	29 779	21 050
2012	162	120	28	14	3 355	30 400	21 504
2013	161	122	25	14	3 384	30 617	21 761
2014	159	124	21	14	3 417	30 694	21 861
2015	158	126	19	13	3 466	30 656	21 925

  

School Year	No. of departments (Departments)	No. of teachers (Including assistants ) (1)		No. of students		No. of graduates	
			Female		Female		Female
1946	59	616	...	2 983	54	154	...
1971	943	11 471	2 586	222 505	82 074	40 756	...
1981	1 349	17 452	4 910	358 437	148 107	75 128	...
1991	1 759	29 444	9 208	612 376	282 989	144 354	69 561
2001	4 381	44 769	15 517	1 187 225	591 374	296 884	150 274
2006	5 445	50 388	17 192	1 313 993	641 555	325 274	165 184
2007	5 455	51 128	17 457	1 326 029	646 014	323 540	162 371
2008	5 325	51 501	17 685	1 337 455	654 341	317 162	159 976
2009	5 051	50 658	17 026	1 336 659	656 621	315 039	158 955
2010	5 005	50 684	17 229	1 343 603	662 549	313 211	159 106
2011	4 857	50 332	17 252	1 352 084	668 717	315 564	161 406
2012	4 837	50 158	17 401	1 355 290	671 844	309 333	157 412
2013	4 811	50 024	17 496	1 345 973	672 097	311 041	159 617
2014	4 689	49 357	17 379	1 339 849	673 721	309 849	161 023
2015	4 589	48 696	17 268	1 332 445	671 670	...	...

**Note:** (1) From SY 2009, the number of staffs include assistants appointed after March 21, 1997.

**Source:** Ministry of Education

**Table 15. Higher Education (continued)**

## II. Number of students by fields of study

Persons

School Year & Types of Degree	Total	Education science	Arts	Humanities	Design	Social & behavioural science	Journalism & Information	Business & administration	General law	Life science	Natural science
1981	358 437	17 287	9 407	28 039	...	46 245	7 918	53 336	4 626	...	11 586
1986	442 648	21 183	9 113	31 005	...	17 490	9 098	98 187	5 524	...	12 283
1991	612 376	26 511	10 815	35 426	...	22 104	9 650	131 272	6 907	...	16 428
1996	795 547	33 042	13 784	47 249	...	25 927	10 716	179 080	8 348	...	18 862
2001	1 187 225	46 141	14 596	94 594	21 519	37 278	17 147	267 130	12 203	8 124	18 091
2006	1 313 993	44 185	23 145	117 436	30 592	46 662	25 302	258 072	19 160	21 054	22 135
2007	1 326 029	43 984	23 864	117 074	34 928	48 124	25 475	253 134	19 903	22 335	22 644
2008	1 337 455	43 179	25 288	117 032	39 564	49 720	26 233	249 136	20 487	23 754	23 199
2009	1 336 659	41 936	26 432	117 050	44 221	49 636	27 029	242 095	20 389	23 644	23 742
2010	1 343 603	41 135	26 707	116 298	49 118	49 794	26 973	240 085	20 520	23 660	23 636
2011	1 352 084	40 693	27 202	116 266	54 721	49 227	27 018	239 452	20 358	23 169	24 025
2012	1 355 290	39 682	28 240	114 857	59 902	48 907	26 467	238 671	20 174	22 431	23 822
2013	1 345 973	38 704	28 836	113 426	64 422	48 507	26 086	234 781	20 019	21 604	23 053
2014	1 339 849	38 704	29 784	112 284	67 089	48 462	26 364	231 665	19 870	20 734	22 901
2015	1 332 445	38 600	31 006	110 703	68 621	48 623	26 763	228 196	20 174	19 830	22 594
Ph.D. program	29 333	2 795	420	2 261	517	1 608	115	2 878	343	1 724	1 825
M. A. program	170 428	14 139	6 579	10 854	3 978	12 302	2 657	29 755	5 974	3 846	4 947
Univ. & college	1 035 218	21 666	21 612	90 794	61 134	34 713	23 991	187 666	13 857	14 222	15 822
Total for jr. college	97 466	-	2 395	6 794	2 992	-	-	7 897	-	38	-

  

School Year & Types of Degree	Mathematics & statistics	Computing	Engineering	Architecture & building	Agriculture, forestry & fishery	Health	Social services	Personal services	Transport services	Environmental protection	Others
1981	...	12 793	115 208	3 874	10 453	28 077	...	...	-	...	9 588
1986	...	16 411	145 717	5 637	14 004	37 544	...	...	5 228	...	14 224
1991	...	27 608	215 505	8 670	17 188	56 006	...	...	7 015	...	21 271
1996	...	50 773	252 415	13 231	22 219	77 446	...	...	9 566	...	32 889
2001	16 069	76 235	327 058	15 476	24 708	115 139	21 439	43 363	8 304	831	1 780
2006	16 429	85 238	320 656	14 766	23 693	119 791	36 014	74 008	9 512	3 730	2 413
2007	16 432	82 235	319 668	15 058	24 703	121 074	35 325	82 946	9 685	3 732	3 706
2008	16 366	78 734	316 813	15 394	24 913	121 305	34 095	94 142	9 618	3 724	4 759
2009	16 122	77 939	308 426	15 223	25 655	122 347	33 124	104 456	9 245	3 286	4 662
2010	16 012	77 378	303 080	15 525	25 871	122 859	32 366	115 966	9 088	3 027	4 505
2011	15 910	77 611	295 319	15 631	26 446	122 639	31 134	128 938	8 921	3 239	4 165
2012	15 669	76 079	285 630	15 391	26 458	122 848	31 684	142 239	8 833	2 974	4 332
2013	15 201	72 551	275 963	14 835	26 124	123 151	31 477	151 873	9 110	2 049	4 201
2014	15 018	68 509	268 135	15 032	25 784	124 190	31 683	158 163	9 468	1 875	4 135
2015	14 889	65 022	262 444	14 920	25 735	125 698	31 612	161 327	9 729	1 847	4 112
Ph.D. program	215	405	9 267	244	746	3 441	115	140	82	46	146
M. A. program	1 957	5 406	46 299	2 284	3 409	6 936	1 940	5 417	959	316	474
Univ. & college	12 717	55 661	201 426	12 088	21 138	70 396	24 629	138 594	8 115	1 485	3 492
Total for jr. college	-	3 550	5 452	304	442	44 925	4 928	17 176	573	-	-

**Table 16. Number of overseas compatriot Chinese students in all levels of schools**

Persons

School Year	Total				University		National Defense Medical Center		NTNU Division of Preparatory Programs for Overseas Chinese Students		Junior college	
	Male		Female		Male	Female	Male	Female	Male	Female	Male	Female
1997	8 343	4 360	3 983	3 251	2 915	36	6	359	347	289	250	
2001	10 205	5 048	5 157	3 496	3 649	41	26	562	465	209	219	
2002	11 099	5 445	5 654	3 890	3 971	45	30	568	611	199	277	
2003	11 353	5 580	5 773	4 059	4 283	45	35	564	498	157	274	
2004	11 427	5 564	5 863	4 241	4 390	53	29	504	520	145	238	
2006	11 455	5 687	5 768	4 474	4 583	48	27	516	498	91	158	
2007	11 974	6 117	5 857	4 874	4 576	43	32	592	593	71	155	
2008	12 510	6 403	6 107	5 150	4 897	40	34	636	557	62	124	
2009	13 941	7 082	6 859	5 675	5 553	42	30	763	697	42	110	
2010	14 610	7 476	7 134	6 164	5 911	42	33	735	643	28	81	
2011	15 151	7 821	7 330	6 789	6 404	42	33	447	339	18	48	
2012	16 266	8 468	7 798	7 401	6 813	40	34	511	424	15	40	
2013	18 068	9 393	8 675	8 229	7 637	43	37	619	504	21	45	
2014	21 437	11 265	10 172	9 878	8 863	47	34	655	593	26	38	
2015	24 649	12 953	11 696	11 550	10 232	49	39	464	526	22	36	

  

School Year	Senior secondary schools				Junior high school		Primary school		Elementary & junior high supp. school		Continuing school	
	Male		Female		Male	Female	Male	Female	Male	Female	Male	Female
	Sr. high school	Vocational school	Sr. high school	Vocational school	Male	Female	Male	Female	Male	Female	Male	Female
1997	137	159	132	213	93	88	31	23	1	1	4	8
2001	188	136	176	180	165	198	108	133	16	63	3	5
2002	175	146	242	109	234	238	167	120	11	45	10	11
2003	170	129	198	90	231	187	177	134	28	59	20	15
2004	158	109	194	84	202	176	116	95	18	118	18	19
2006	150	165	170	115	146	107	69	64	6	20	22	26
2007	150	160	156	103	138	132	68	55	3	31	18	24
2008	166	130	178	90	137	124	73	59	9	44	-	-
2009	197	91	199	69	111	95	161	106	-	-	-	-
2010	174	86	178	61	92	99	155	128	-	-	-	-
2011	203	74	218	65	92	84	156	139	-	-	-	-
2012	180	66	183	68	65	88	190	148	-	-	-	-
2013	188	56	187	59	59	71	178	135	-	-	-	-
2014	347		363		103	105	209	176	-	-	-	-
2015	588		571		78	94	202	198	-	-	-	-

**Note:** Including Students from Hong Kong and Macao

**Source:** Ministry of Education

Table 17. Summary of R&amp;D personnel

Persons, Person-years

Year	R&D personnel							R&D personnel indicators		
	Total	Researchers (1)		Technicians		Supporting staff		Resear- chers per 1,000 population	Resear- chers per 1,000 labor force	Annual R&D expenditure per researcher (Million NT\$)
		Female	Female	Female	Female					
1991	82 436	34 387	...	34 630	...	13 419	...	1.7	4.0	2.38
1996	116 853	53 754	...	46 844	...	16 255	...	2.5	5.8	2.57
1999	134 845	67 165	13 307	51 754	11 633	15 926	8 025	3.0	7.0	2.84
2000	137 622	69 526	12 737	51 581	12 259	16 515	8 708	3.1	7.1	2.84
2001	138 409	73 239	13 334	48 886	11 830	16 283	9 096	3.3	7.4	2.80
2005	195 721	115 954	22 712	62 298	16 194	17 469	9 559	5.1	11.2	2.42
2006	212 483	126 168	25 820	67 715	17 828	18 600	10 889	5.5	12.0	2.43
2007	228 987	136 249	27 294	72 799	19 115	19 939	11 773	5.9	12.7	2.44
2008	241 366	144 234	28 994	77 218	20 523	19 914	11 885	6.3	13.3	2.44
2009	256 543	155 216	31 899	80 271	22 368	21 056	11 818	6.7	14.2	2.37
2010	273 447	165 585	34 613	86 809	23 745	21 053	12 358	7.1	15.0	2.39
2011	288 726	174 600	37 626	91 757	25 087	22 369	13 463	7.5	15.6	2.37
2012	296 724	179 830	39 144	94 966	26 037	21 928	12 501	7.7	15.9	2.41
2013	301 001	180 353	39 599	98 497	26 566	22 151	13 126	7.7	15.8	2.54
2014	307 933	182 119	40 276	103 431	27 317	22 383	12 869	7.8	15.8	2.65
Year	Researchers (Full time equivalent)									
	Total	By field of science and technology						By qualification		
		Natural sciences	Engi- neering & techno- logy	Medical sciences	Agricul- tural sciences	Humanities	Social sciences	Ph.D.	Master	Bachelor
1999	54 844	7 962	35 172	4 189	2 949	2 046	2 526	11 614	20 435	22 795
2000	55 460	7 326	36 525	4 322	2 787	1 550	2 950	12 061	22 033	21 366
2001	59 656	8 692	38 874	4 433	3 037	1 588	3 033	12 797	24 825	22 034
2002	69 887	10 107	46 278	5 349	3 241	1 687	3 225	13 448	33 787	22 651
2003	75 111	10 833	49 933	5 791	3 067	1 704	3 783	13 944	37 748	23 419
2005	88 859	13 891	58 846	6 477	3 070	2 071	4 504	15 450	47 056	26 353
2006	95 176	15 327	62 759	6 611	3 239	2 058	5 182	16 792	49 545	28 839
2007	103 786	17 204	68 616	6 707	3 208	2 391	5 660	18 264	54 324	31 197
2008	110 461	18 489	73 077	7 375	3 216	2 524	5 779	19 580	58 157	32 725
2009	119 583	19 558	79 249	8 129	3 271	2 904	6 471	20 989	64 056	34 539
2010	128 347	20 727	85 692	8 807	3 594	2 984	6 544	22 473	68 462	37 412
2011	134 762	21 614	90 747	9 024	3 538	3 204	6 637	23 847	71 262	39 653
2012	140 102	22 611	94 278	9 500	3 504	3 187	7 022	25 025	74 101	40 976
2013	141 159	23 181	94 792	9 516	3 554	3 169	6 947	25 988	75 505	39 666
2014	142 983	23 387	96 245	9 883	3 466	3 203	6 799	26 143	77 240	39 600
Business enterprise	97 019	14 774	78 170	2 133	401	253	1 287	5 753	55 745	35 521
Government	14 753	2 663	7 524	2 265	1 505	314	483	5 104	7 661	1 989
Higher education	30 621	5 925	10 413	5 036	1 463	2 628	4 886	15 032	13 599	1 990
Private non-profit	590	26	138	178	97	8	143	255	235	100

**Note:** R&D personnel do not include the personnel of defense from 1999 to 2001 and include the students of Ph. D. program from 2002.

**Source:** Ministry of Science and Technology

**Table 18. Summary of R&D expenditure**

Million NT\$

Year	R&D expenditure	Growth rate (%)	R&D expenditure as a % of GNI (%)	R&D expenditure as a % of GDP (%)	Gov. sector R&D expenditure as a % of R&D expenditure (%)	Manufacturing industry R&D expenditure as a % of sales (1) (%)	Basic research expenditure as a % of R&D expenditure (%)	Business enterprise R&D expenditure as a % of value-added in industry (2) (%)
1996	137 955	10.3	1.76	1.79	41.6	...	...	...
1999	190 520	8.0	1.96	1.98	32.5	...	10.6	1.65
2000	197 631	3.7	1.88	1.91	33.4	...	10.4	1.64
2001	204 974	3.7	1.98	2.02	33.3	1.26	10.8	1.68
2005	280 980	6.7	2.27	2.32	31.5	1.36	10.3	2.09
2006	307 037	9.3	2.37	2.43	31.4	1.34	10.2	2.22
2007	331 777	8.1	2.41	2.47	29.8	1.36	10.0	2.33
2008	351 911	6.1	2.61	2.68	28.2	1.56	10.2	2.60
2009	367 808	4.5	2.75	2.84	28.9	1.84	10.4	2.77
2010	395 835	7.6	2.72	2.80	27.4	1.60	10.0	2.72
2011	414 412	4.7	2.82	2.90	26.2	1.60	9.7	2.86
2012	433 502	4.6	2.86	2.95	24.6	1.75	9.4	3.02
2013	457 641	5.6	2.92	3.00	23.3	1.85	9.2	3.08
2014	483 492	5.6	2.92	3.00	21.7	1.93	9.0	3.12

  

Year	R&D expenditure								
	By source of funds					By sector of performance			
	Business enterprise	Government	Higher education	Private non-profit	Abroad	Business enterprise	Government	Higher education	Private non-profit
1991	-	-	-	-	-	-	-	-	-
1996	-	-	-	-	-	-	-	-	-
1999	125 712	61 989	1 749	959	110	122 158	44 636	22 334	1 392
2000	128 386	65 980	2 193	999	74	125 698	46 494	24 047	1 392
2001	132 950	68 339	2 719	931	35	130 296	47 732	25 521	1 425
2005	187 853	88 633	3 147	1 204	144	188 390	59 143	32 092	1 355
2006	206 177	96 443	3 257	1 071	91	207 238	60 965	37 565	1 270
2007	228 464	98 966	3 158	1 051	137	229 517	60 643	40 400	1 218
2008	247 913	99 260	3 441	1 144	153	248 868	58 928	42 905	1 209
2009	256 633	106 153	3 683	1 191	149	258 039	61 587	46 823	1 359
2010	282 169	108 615	3 797	1 093	161	283 421	63 020	47 970	1 424
2011	300 874	108 464	3 918	1 007	148	301 477	62 546	48 978	1 410
2012	321 423	106 758	3 965	791	565	322 111	61 172	48 898	1 321
2013	345 624	106 692	3 912	777	636	346 206	60 993	48 987	1 455
2014	373 444	104 776	3 844	860	569	373 019	60 734	48 131	1 608

**Note:** 1. R&D expenditure include defense R&D expenditure from 2002.

2. About the data of source of funds and sector of performance, they couldn't link up before 1999 because their classifications are different.

(1) MOEA's *Factory Adjustment and Operation Survey* was not conducted in 2011, and the data of 2014 has not released yet, so sales for these years are estimates.

(2) Value added in industry are calculated from *National Accounts* by DGBAS, and in accordance with the industrial scope of OECD definition.

**Source:** 1. Ministry of Science and Technology

2. Directorate-General of Budget, Accounting and Statistics

Table 18. Summary of R&amp;D expenditure (continued)

Million NT\$

Year	R&D expenditure								
	By type of R&D			By Type of costs					
	Basic research	Applied research	Experimental development	R&D current expenditure			R&D capital expenditure		
				Sub-total	Labor costs	Other current costs	Sub-total	Land and buildings	Instruments and equipment
1991	8 275	33 320	40 170	...	...	...	...	...	...
1996	15 223	41 463	81 269	...	...	...	...	...	...
1999	20 115	60 253	110 153	164 698	83 309	81 388	25 823	3 095	22 728
2000	20 462	59 288	117 880	170 534	87 658	82 875	27 097	4 684	22 413
2001	22 143	59 914	122 917	175 730	89 634	86 096	29 244	5 755	23 489
2005	28 961	74 219	177 801	246 314	131 136	115 179	34 666	4 494	30 172
2006	31 229	81 270	194 539	269 860	143 957	125 903	37 177	2 898	34 279
2007	33 189	85 123	213 465	291 953	156 990	134 963	39 824	3 420	36 404
2008	35 779	89 636	226 496	318 260	175 500	142 759	33 651	2 259	31 392
2009	38 097	94 042	235 669	334 698	188 913	145 785	33 110	2 488	30 622
2010	39 487	97 736	258 612	361 467	207 997	153 470	34 368	2 221	32 147
2011	40 184	98 223	276 005	378 491	216 085	162 406	35 921	2 639	33 282
2012	40 748	101 580	291 173	395 863	228 645	167 219	37 638	1 890	35 748
2013	41 966	106 233	309 442	417 396	241 801	175 595	40 245	3 885	36 360
2014	43 408	111 026	329 058	441 333	263 256	178 076	42 159	5 047	37 113



**Table 19. Number of patent applications and grant**

Year	No. of patent applications	Types			Residents & non-residents	
		Invention	Utility model	Design	Residents	Non-residents
1956	541	59	322	160	514	27
1971	4 640	1 879	2 344	417	3 023	1 617
1981	15 027	3 872	7 408	3 747	10 131	4 896
1991	36 127	10 325	16 644	9 158	22 940	13 187
2001	67 860	33 392	25 370	9 098	40 210	27 650
2006	80 988	50 111	23 279	7 598	48 626	32 362
2007	81 834	51 676	22 715	7 443	49 595	32 239
2008	83 613	51 909	23 953	7 751	51 339	32 274
2009	78 425	46 654	25 032	6 739	51 256	27 169
2010	80 494	47 442	25 832	7 220	52 107	28 387
2011	82 988	50 082	25 170	7 736	52 221	30 767
2012	85 073	51 189	25 636	8 248	52 515	32 558
2013	83 211	49 218	25 025	8 968	50 714	32 497
2014	78 014	46 378	23 488	8 148	45 868	32 146
2015	73 627	44 415	21 404	7 808	41 869	31 758

  

Year	No. of patent grant (1)	Types			Residents & non-residents	
		Invention	Utility model	Design	Residents	Non-residents
1956	189	31	114	44	170	19
1971	2 524	1 433	946	145	969	1 555
1981	6 264	2 074	2 902	1 288	2 897	3 367
1991	27 281	10 123	12 344	4 814	13 555	13 726
2001	53 789	24 429	21 212	8 148	32 310	21 479
2006	48 774	23 228	19 407	6 139	33 773	15 001
2007	49 006	22 218	20 769	6 019	34 068	14 938
2008	42 283	12 867	23 411	6 005	32 364	9 919
2009	43 724	14 138	23 591	5 995	33 457	10 267
2010	45 966	16 345	23 935	5 686	35 056	10 910
2011	50 305	20 025	24 037	6 243	36 924	13 381
2012	56 610	25 536	24 643	6 431	39 645	16 965
2013	72 148	40 251	24 847	7 050	47 534	24 614
2014	76 255	45 603	23 713	6 939	47 848	28 407
2015	78 090	48 318	22 106	7 666	46 486	31 604

**Note:** (1) This system was replaced by the patent granted system on July 1, 2004, which issues a certificate at the same time the approval is published; number of patent grant is the number of approval before 2005.

**Source:** Intellectual Property Office, Ministry of Economic Affairs

Table 20. General conditions of culture and mass communication

Numbers

End of Year					Cinema (1)	Radio & TV				
	Publishing industries	Newspaper & related publishing	Periodical & magazine publishing	Book publishing		Wireless radio & TV		Satellite broadcasting		
						Radio	TV	Direct satellite broadcasting service operator	Program supplier (2)	
									Domestic	Foreign
1971	...	...	...	...	700	...	...	...	...	...
1981	...	...	...	...	602	...	...	...	...	...
1991	...	...	...	...	343	...	...	...	...	...
1996	2 326	121	817	1 039	214	...	...	...	...	...
2001	2 853	190	820	1 409	164	...	...	...	...	...
2006	3 461	176	941	1 766	151	...	...	...	...	...
2007	3 520	193	961	1 775	148	...	...	...	...	...
2008	3 086	198	982	1 748	104	...	...	...	...	...
2009	3 187	189	1 018	1 770	101	172	5	...	79	30
2010	3 326	193	1 078	1 789	99	171	5	...	82	30
2011	3 418	207	1 121	1 757	97	171	5	...	80	29
2012	3 562	209	1 183	1 772	95	171	5	8	80	29
2013	3 593	212	1 181	1 763	98	171	5	7	84	30
2014	3 676	220	1 240	1 748	100	171	5	6	86	29
2015	3 755	234	1 238	1 768	105	171	5	6	93	30
End of Year	Radio & TV									
	Satellite broadcasting		Cable TV					Multimedia content platform service		
	Channels		Transmission system	System operators	Subscribers	Digital service subscribers	Digital pay- channel subscribers	Numbers	Channels	Subscribers
	Domestic	Foreign								
1971	...	...	...	...	...	...	...	...	...	...
1981	...	...	...	...	...	...	...	...	...	...
1991	...	...	...	...	...	...	...	...	...	...
1996	...	...	...	...	...	...	...	...	...	...
2001	...	...	...	...	...	...	...	...	...	...
2006	...	...	...	...	...	...	...	...	...	...
2007	...	...	...	...	...	...	...	...	...	...
2008	...	...	...	...	...	...	...	...	...	...
2009	233		3	60	4 980 251	256 727	146 586	2	120	668 541
2010	268		3	59	5 084 491	391 462	276 984	2	158	815 579
2011	158	105	3	59	5 061 737	570 727	428 448	2	181	1 064 138
2012	157	112	3	59	4 989 155	1 049 321	585 655	2	209	1 205 760
2013	165	115	3	56	4 985 222	2 275 194	972 262	2	208	1 265 111
2014	169	111	3	56	5 002 216	3 947 507	1 212 630	1	159	1 284 557
2015	181	118	3	61	5 078 876	4 563 243	1 329 730	1	195	1 298 012

Note: (1) Data do not include Kinmen County and Lienchiang County before 1988.

(2) Some program suppliers are for both domestic and foreign program suppliers at the same time.

Source: 1. Ministry of Finance

2. National Communications Commission

# HEALTH

**Table 21. General situation of medical institutions, registered medical personnel and beds**No., Persons, Km<sup>2</sup>

End of Year	Medical institutions								
		Hospitals	Hospitals per 10,000 population	No. of population per hospital	Areas per hospital	Clinics	Clinics per 10,000 population	No. of population per clinic	Areas per clinic
1954	1 000	...	...	...	...	...	...	...	...
1971	7 107	...	...	...	...	...	...	...	...
1981	11 161	...	...	...	...	...	...	...	...
1991	13 661	821	0.40	25 039	44.07	12 840	6.25	1 601	2.82
2001	18 265	637	0.28	35 174	56.81	17 628	7.87	1 271	2.05
2006	19 682	547	0.24	41 822	66.16	19 135	8.36	1 196	1.89
2007	19 900	530	0.23	43 318	68.28	19 370	8.44	1 185	1.87
2008	20 174	515	0.22	44 732	70.27	19 659	8.53	1 172	1.84
2009	20 306	514	0.22	44 980	70.41	19 792	8.56	1 168	1.83
2010	20 691	508	0.22	45 595	71.24	20 183	8.71	1 148	1.79
2011	21 135	507	0.22	45 809	71.39	20 628	8.88	1 126	1.75
2012	21 437	502	0.22	46 446	72.10	20 935	8.98	1 114	1.73
2013	21 713	495	0.21	47 219	73.12	21 218	9.08	1 102	1.71
2014	22 041	497	0.21	47 150	72.82	21 544	9.19	1 088	1.68
2015	22 177	494	0.21	47 555	73.27	21 683	9.23	1 083	1.67

**Note:** Data do not include Kinmen County and Lienchiang County before 1993.**Source:** 1. Ministry of Health and Welfare

2. Ministry of the Interior

**Table 21. General situation of medical institutions, registered medical personnel and beds (continued)**

Persons, Beds

End of Year	Registered medical personnel	Medical personnel per 10,000 population	Physicians per 10,000 population (1)	Population served per physician (1)	Registered medical personnel per km <sup>2</sup>	Beds	Beds per 10,000 population	Population served per bed
1971	18 227	12.16	5.23	1 912	0.51	23 984	15.99	625
1981	45 696	25.20	7.52	1 330	1.27	44 053	24.29	412
1991	96 921	47.15	11.49	870	2.69	92 785	45.14	222
2001	165 855	74.02	15.42	649	4.58	127 676	56.98	175
2006	206 958	90.47	17.33	577	5.72	148 962	65.12	154
2007	214 748	93.54	17.73	564	5.93	150 628	65.61	152
2008	223 623	97.07	18.34	545	6.18	152 901	66.37	151
2009	233 553	101.02	18.67	536	6.45	156 740	67.79	148
2010	241 156	104.12	19.10	524	6.66	158 922	68.61	146
2011	250 258	107.75	19.62	510	6.91	160 472	69.09	145
2012	258 283	110.78	20.02	500	7.14	160 900	69.01	145
2013	265 759	113.70	20.51	488	7.34	159 422	68.21	147
2014	271 555	115.88	20.96	477	7.50	161 491	68.91	145
2015	280 508	119.41	21.41	467	7.75	162 163	69.03	145

**Note:** (1) Including doctors of Chinese medicine

**Table 22. Number of registered medical personnel in hospitals, clinics and other medical care institutions**

Persons

End of Year	Total	Physicians	Doctors of Chinese medicine	Dentists	Pharmacists & assistant pharmacists	Medical technologists & technicians	Medical radiological technologists & technicians	Registered nurses & professional nurses	Midwives & registered professional midwives	Dental assistants	Dietitians	Physical therapists & therapy technicians, occupational therapists & therapy technicians
1954	10 414	3 978	1 545	709	989	-	-	1 265	1 742	186	-	-
1971	18 227	6 375	1 466	910	3 304	-	-	3 616	2 362	194	-	-
1981	45 696	11 957	1 682	2 128	12 955	728	-	13 196	2 871	179	-	-
1991	96 921	21 115	2 514	5 983	18 570	3 700	1 500	41 756	1 649	134	-	-
2001	165 855	30 562	3 979	8 944	24 891	6 542	3 152	82 763	518	68	778	3 658
2006	206 958	34 899	4 743	10 412	27 411	7 457	4 052	109 153	368	46	1 137	5 427
2007	214 748	35 849	4 862	10 740	28 040	7 642	4 211	113 832	347	43	1 239	5 916
2008	223 623	37 142	5 112	11 093	28 741	7 896	4 443	118 785	308	43	1 379	6 339
2009	233 553	37 880	5 290	11 351	29 587	8 203	4 651	125 081	258	42	1 563	6 972
2010	241 156	38 887	5 354	11 656	30 001	8 377	4 913	128 955	208	41	1 687	7 501
2011	250 258	40 002	5 570	11 992	31 300	8 579	5 133	133 336	134	40	1 824	8 104
2012	258 283	40 938	5 740	12 391	32 015	8 751	5 341	137 641	120	40	2 050	8 538
2013	265 759	41 965	5 977	12 794	32 668	9 006	5 507	140 915	132	40	2 234	9 009
2014	271 555	42 961	6 156	13 178	33 162	9 132	5 774	142 708	149	35	2 304	9 383
2015	280 508	44 006	6 298	13 502	33 516	9 261	5 952	148 223	150	34	2 392	9 887

**Note:** Data do not include Kinmen County and Lienchiang County before 1993.**Source:** Ministry of Health and Welfare

Table 23. Number of deaths and crude death rates by leading causes

Persons

Year and Sex	All causes of deaths		Malignant neoplasms		Cerebrovascular diseases		Diseases of heart (except hypertensive diseases)		Diabetes mellitus		Accidents and adverse
	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths
1952	76 053	950.8	2 459	30.7	3 902	48.8	3 922	49.0	...	...	...
1971	68 522	461.9	8 463	57.0	10 335	69.7	5 744	38.7	...	...	6 325
1981	86 204	479.7	13 764	76.6	14 202	79.0	7 706	42.9	1 613	9.0	11 616
1991	104 461	510.7	19 630	96.0	14 137	69.1	12 026	58.8	4 210	20.6	13 636
2001	126 667	567.0	32 993	147.7	13 141	58.8	11 003	49.2	9 113	40.8	9 513
2006	135 071	591.8	37 998	166.5	12 596	55.2	12 283	53.8	9 690	42.5	8 011
2007	139 376	608.2	40 306	175.9	12 875	56.2	13 003	56.7	10 231	44.6	7 130
2008	142 283	618.7	38 913	169.2	10 663	46.4	15 726	68.4	8 036	34.9	7 077
2009	142 240	616.3	39 918	173.0	10 383	45.0	15 094	65.4	8 230	35.7	7 358
2010	144 709	625.3	41 046	177.4	10 134	43.8	15 675	67.7	8 211	35.5	6 669
2011	152 030	655.5	42 559	183.5	10 823	46.7	16 513	71.2	9 081	39.2	6 726
2012	153 823	661.0	43 665	187.6	11 061	47.5	17 121	73.6	9 281	39.9	6 873
2013	154 374	661.3	44 791	191.9	11 313	48.5	17 694	75.8	9 438	40.4	6 619
2014	162 886	696.0	46 093	196.9	11 733	50.1	19 399	82.9	9 846	42.1	7 118
2015	163 574	697.2	46 829	199.6	11 169	47.6	19 202	81.8	9 530	40.6	7 033
By sex											
Male	98 230	839.2	28 776	245.8	6 589	56.3	11 244	96.1	4 853	41.5	5 096
Female	65 344	555.7	18 053	153.5	4 580	39.0	7 958	67.7	4 677	39.8	1 937

**Note:** 1. Data do not include Kinmen County and Lienchiang County before 1994.

2. Crude death rate is number of deaths per 100,000 population.

3. From 2008, the classification standards of leading 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.

**Source:** Ministry of Health and Welfare

**Table 23. Number of deaths and crude death rates by leading causes (continued)**

Persons

Year and sex	All causes of deaths										
	Accidents and adverse	Chronic liver disease and cirrhosis		Pneumonia		Nephritis, nephrotic syndrome and nephrosis		Hypertensive diseases		Chronic lower respiratory diseases	
	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates	No. of deaths	Crude death rates
1952	...	621	7.8	10 516	131.5	2 904	36.3	...	...	...	...
1971	42.6	2 063	13.9	4 414	29.8	1 766	11.9	...	...	...	...
1981	64.6	3 075	17.1	2 833	15.8	2 329	13.0	3 146	17.5	...	...
1991	66.7	3 601	17.6	2 644	12.9	2 527	12.4	2 492	12.2	...	...
2001	42.6	5 239	23.5	3 746	16.8	4 056	18.2	1 766	7.9	...	...
2006	35.1	5 049	22.1	5 396	23.6	4 712	20.6	1 816	8.0	...	...
2007	31.1	5 160	22.5	5 895	25.7	5 099	22.2	1 977	8.6	...	...
2008	30.8	4 917	21.4	8 661	37.7	4 012	17.4	3 507	15.2	5 374	23.4
2009	31.9	4 918	21.3	8 358	36.2	3 999	17.3	3 721	16.1	4 955	21.5
2010	28.8	4 912	21.2	8 909	38.5	4 105	17.7	4 174	18.0	5 197	22.5
2011	29.0	5 153	22.2	9 047	39.0	4 368	18.8	4 631	20.0	5 984	25.8
2012	29.5	4 975	21.4	9 314	40.0	4 327	18.6	4 986	21.4	6 326	27.2
2013	28.4	4 843	20.7	9 042	38.7	4 489	19.2	5 033	21.6	5 959	25.5
2014	30.4	4 962	21.2	10 353	44.2	4 868	20.8	5 459	23.3	6 428	27.5
2015	30.0	4 688	20.0	10 761	45.9	4 762	20.3	5 536	23.6	6 383	27.2
By sex											
Male	43.5	3 354	28.7	6 579	56.2	2 413	20.6	2 853	24.4	4 733	40.4
Female	16.5	1 334	11.3	4 182	35.6	2 349	20.0	2 683	22.8	1 650	14.0



**Table 24. Number of confirmed cases of notifiable diseases**

Persons

Year	Tuberculosis	Invasive pneumococcal disease	Syphilis	HIV infection	AIDS	Complicated influenza	Gonorrhea	Amoebiasis	Shigellosis
1992	...	...	2 847	149	22	...	...	28	88
1996	...	...	3 172	311	162	...	121	7	256
1999	13 496	...	3 037	507	180	...	163	55	210
2000	13 910	...	3 854	570	181	...	361	322	321
2001	14 486	...	4 237	689	165	...	443	303	1 327
2006	15 378	...	5 808	2 938	579	25	1 437	125	139
2007	14 499	169	5 798	1 935	1 061	26	1 442	145	246
2008	14 424	805	6 526	1 747	850	22	1 621	227	90
2009	13 512	690	6 668	1 648	930	1 134	2 137	190	91
2010	13 393	737	6 482	1 796	1 087	882	2 265	262	172
2011	12 788	837	6 372	1 967	1 075	1 481	1 978	256	203
2012	12 478	749	5 896	2 224	1 280	1 595	1 983	258	155
2013	11 657	625	6 346	2 244	1 430	965	2 155	270	155
2014	11 438	587	6 986	2 236	1 387	1 721	2 622	300	132
2015	10 828	524	7 471	2 327	1 440	857	3 587	350	186

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

**Source:** Centers for Disease Control, Ministry of Health and Welfare

**Table 24. Number of confirmed cases of notifiable diseases (continued)**

Year	Persons								
	Acute hepatitis	Enteroviruses infection with severe complications	Scrub typhus	Dengue fever	Legionnaires' disease	Japanese encephalitis	Acute flaccid paralysis	Pertussis	Invasive haemophilus influenzae type b infection
1992	...	...	52	23	...	10	-	...	...
1996	560	...	156	53	44	21	83	15	...
1999	485	35	302	65	22	24	59	19	31
2000	298	291	270	140	63	13	63	47	45
2001	769	393	235	270	40	33	101	6	49
2006	613	11	384	1 074	56	29	66	14	16
2007	581	12	510	2 179	56	37	51	41	16
2008	631	373	492	714	69	17	74	41	12
2009	545	29	353	1 052	84	18	45	90	14
2010	344	16	402	1 896	102	33	49	61	12
2011	323	59	322	1 702	97	22	45	77	9
2012	249	153	460	1 478	88	32	51	54	3
2013	260	12	538	860	115	16	25	51	10
2014	453	6	414	15 732	135	18	29	78	4
2015	525	6	494	43 784	153	30	19	70	3

Table 25. Daily nutrient consumption per capita

Year	Energy (1) (Calories)	Protein (Grams)	Fat (Grams)	Carbohydrate (Grams)	Calcium (Milligrams)	Phosphorus (Milligrams)
1984	2 592.9	78.8	80.8	379.1	441.2	1 190.6
1986	2 725.5	84.2	92.3	380.7	488.3	1 245.5
1991	2 928.7	91.7	114.4	373.6	582.4	1 304.0
1996	3 053.7	98.6	126.7	368.4	643.5	1 361.9
2001	2 879.9	92.4	117.2	352.5	575.8	1 245.9
2005	2 940.8	91.6	126.5	353.6	563.5	1 195.4
2006	2 816.4	90.1	118.4	341.0	569.4	1 198.3
2007	2 837.3	92.0	119.1	342.6	559.2	1 204.3
2008	2 633.5	84.5	107.5	325.4	507.3	1 108.5
2009	2 736.6	86.8	111.6	338.6	543.5	1 140.2
2010	2 753.5	88.2	115.2	332.9	537.1	1 150.9
2011	2 738.7	89.7	111.7	334.5	546.5	1 161.9
2012	2 796.7	89.5	115.2	340.6	539.3	1 155.4
2013	2 707.9	87.0	107.4	339.1	531.1	1 133.1
2014	2 806.7	89.3	116.5	341.2	547.5	1 164.4
Year	Iron (Milligrams)	Vitamin A (International unit)	Thiamine (Milligrams)	Riboflavin (Milligrams)	Niacin (Milligrams)	Ascorbic acid (Milligrams)
1984	11.0	7 459.8	1.4	1.1	15.8	134.2
1986	12.0	6 775.3	1.5	1.2	15.8	127.7
1991	12.9	7 368.0	1.6	1.4	15.7	138.4
1996	14.2	8 596.0	1.6	1.6	16.7	143.9
2001	12.6	8 327.2	1.5	1.5	16.4	149.0
2005	12.7	7 003.4	1.5	1.4	15.2	138.5
2006	12.8	7 233.6	1.5	1.4	15.1	149.8
2007	12.8	6 823.9	1.5	1.4	15.2	137.1
2008	12.0	6 583.3	1.4	1.3	14.3	136.6
2009	12.4	6 960.3	1.4	1.3	14.6	133.8
2010	12.6	6 848.9	1.4	1.4	15.0	140.2
2011	12.7	7 150.9	1.4	1.4	15.1	143.4
2012	12.7	7 360.8	1.4	1.4	15.0	136.6
2013	12.4	7 470.2	1.4	1.3	14.6	136.4
2014	12.7	7 558.5	1.4	1.4	15.0	136.5

Note: (1)Including wine & beer

Source: Council of Agriculture, Executive Yuan



# ENVIRONMENT

Table 26. Emissions of greenhouse gases

10<sup>3</sup>M.T. CO<sub>2</sub> equivalent

Year	Total	Carbon dioxide (CO <sub>2</sub> )	Per capita (M. T. / persons)	Methane (CH <sub>4</sub> )	Nitrous oxide (N <sub>2</sub> O)	Hydro fluoro-carbons (HFC <sub>s</sub> )	Perfluoro-carbons (PFC <sub>s</sub> )	Sulphur hexafluoride (SF <sub>6</sub> )	Nitrogen trifluoride (NF <sub>3</sub> )
1990	136 179	122 419	6.0	10 882	2 878	...	...	...	...
1991	146 033	131 754	6.4	11 157	3 122	...	...	...	...
1996	194 800	176 702	8.2	13 539	3 254	1 305	...	...	...
2000	246 877	227 109	10.2	13 490	3 816	2 319	13	120	10
2001	252 893	229 720	10.3	12 646	3 988	2 619	2 939	746	235
2004	286 618	258 935	11.4	10 760	4 279	2 451	4 341	5 193	659
2005	289 435	265 308	11.7	10 258	4 320	1 070	3 070	4 683	726
2006	295 800	272 959	12.0	9 584	4 766	987	3 264	3 590	650
2007	297 994	276 169	12.1	9 063	4 863	1 093	2 933	3 114	759
2008	281 872	263 532	11.5	8 345	4 457	1 046	1 682	2 644	166
2009	265 699	248 562	10.8	7 682	4 618	980	1 143	2 176	538
2010	283 610	266 839	11.5	7 092	5 017	934	1 354	2 155	219
2011	288 583	272 485	11.7	6 676	4 905	1 016	1 365	1 755	381
2012	282 004	267 277	11.5	6 321	4 816	869	725	1 647	349
2013	284 514	269 627	11.5	5 927	4 594	981	929	1 722	734

Source: 1. Environmental Protection Administration, Executive Yuan  
2. Council of Agriculture, Executive Yuan  
3. Bureau of Energy, Ministry of Economic Affairs  
4. Industrial Development Bureau, Ministry of Economic Affairs

**Table 27. Carbon dioxide emissions**

103M.T.

Year	Total	Energy use( fuel combustion only ) by sectors							Industrial process and product use sector	Agricultural sector	Incineration of waste sector
		Subtotal	Energy	Industrial	Transportation	Agricultural	Services	Residential			
1990	122 419	109 491	49 118	30 154	19 646	2 946	3 621	4 005	12 766	142	20
1991	131 754	118 414	55 403	31 656	20 888	2 700	3 529	4 238	13 186	146	8
1996	176 702	158 104	81 519	36 051	29 801	2 805	3 175	4 754	18 061	151	387
2000	227 109	209 364	122 157	43 064	33 207	2 362	3 220	5 354	17 355	131	259
2001	229 720	213 039	126 437	42 158	33 246	2 455	3 562	5 181	16 047	94	540
2004	258 935	238 513	146 638	43 974	35 859	2 977	4 118	4 947	19 826	84	512
2005	265 308	245 202	153 820	42 654	36 844	2 626	4 233	5 023	19 695	62	348
2006	272 959	252 068	160 602	43 945	36 769	1 646	4 248	4 857	20 362	59	470
2007	276 169	255 869	164 426	45 866	35 415	1 091	4 192	4 879	19 681	57	562
2008	263 532	244 632	158 464	42 388	33 394	1 365	4 201	4 820	18 401	57	443
2009	248 562	232 181	148 914	39 556	33 711	998	4 226	4 775	16 171	55	154
2010	266 839	248 276	159 910	43 660	34 824	941	4 203	4 737	18 301	54	208
2011	272 485	253 446	163 547	44 894	35 293	937	3 961	4 814	18 871	53	115
2012	267 277	248 637	161 112	43 253	34 502	1 041	3 958	4 770	18 525	55	61
2013	269 627	249 108	160 239	44 562	34 472	1 009	4 177	4 649	20 469	45	4

Source: 1. Environmental Protection Administration, Executive Yuan

2. Bureau of Energy, Ministry of Economic Affairs

Table 28. Pollutant standards index

Year	Measurement days ( Station day )						Percentage of measurement days ( % )			
	Total	Good 0-50	Moderate 51-100	Unhealthy 101-199	Very unhealthy 200-299	Hazardous >=300	Total	Good 0-50	Good 51-100	Unhealthy 101-199
1984	2 421	438	1 585	132	232	34	100.00	18.09	65.47	5.45
1986	5 126	1 297	3 124	560	134	11	100.00	25.30	60.94	10.92
1991	6 907	1 131	4 654	1 087	33	2	100.00	16.37	67.38	15.74
1996	20 692	8 209	11 123	1 351	9	-	100.00	39.67	53.76	6.53
2001	20 699	8 985	11 011	703	-	-	100.00	43.41	53.20	3.40
2006	20 760	8 578	11 319	863	-	-	100.00	41.32	54.52	4.16
2007	20 759	8 444	11 481	831	3	-	100.00	40.68	55.31	4.00
2008	20 779	8 737	11 425	615	1	1	100.00	42.05	54.98	2.96
2009	20 799	8 262	11 864	660	7	6	100.00	39.72	57.04	3.17
2010	20 771	9 059	11 262	380	14	56	100.00	43.61	54.22	1.83
2011	20 721	9 208	11 228	285	-	-	100.00	44.44	54.19	1.38
2012	21 788	10 474	11 105	208	1	-	100.00	48.07	50.97	0.95
2013	21 758	9 493	11 933	332	-	-	100.00	43.63	54.84	1.53
2014	21 884	9 838	11 758	288	-	-	100.00	44.96	53.73	1.32
2015	21 869	11 298	10 441	130	-	-	100.00	51.66	47.74	0.59

**Note:** The data are edited according to the auto-monitoring stations of general air quality monitoring stations; general air quality monitoring stations are 55 stations from 1994, 57 stations from 1996 and 60 stations from 2012.

**Source:** Environmental Protection Administration, Executive Yuan



**Table 28. Pollutant standards index (continued)**

Year	days (%)		Measurement days with PSI>100 by maximum index pollutant ( Station day )							
	Very unhealthy 200-299	Hazardous >=300	Total	Percentage (%)	PM <sub>10</sub>	SO <sub>2</sub>	PM <sub>10</sub> × SO <sub>2</sub>	CO	O <sub>3</sub>	NO <sub>2</sub>
1984	9.58	1.40	398	16.44	296	12	1	75	13	1
1986	2.61	0.21	705	13.75	511	21	6	79	88	-
1991	0.48	0.03	1 122	16.24	901	37	-	146	37	1
1996	0.04	-	1 360	6.57	829	-	-	-	531	-
2001	-	-	703	3.40	259	-	-	-	444	-
2006	-	-	863	4.16	352	-	-	-	511	-
2007	0.01	-	834	4.02	216	-	-	-	618	-
2008	0.00	0.00	617	2.97	248	-	-	-	369	-
2009	0.03	0.03	673	3.24	262	-	-	-	411	-
2010	0.07	0.27	450	2.17	239	-	-	-	211	-
2011	-	-	285	1.38	88	-	-	-	197	-
2012	0.00	-	209	0.96	29	-	-	-	180	-
2013	-	-	332	1.53	177	-	-	-	155	-
2014	-	-	288	1.32	102	-	-	-	186	-
2015	-	-	130	0.59	22	-	-	-	108	-



# **JUSTICE AND PUBLIC SAFETY**

**Table 29. Summary of filings and dispositions of cases in the Judicial Yuan & its subordinate organs**

Cases, Days

Year	Total		Judicial Yuan					
			Interpretation of Justices of the Constitutional Court		Private citizen petition cases		Compensation for wrongful detention and executions cases	
	Lodged	Closed	Lodged	Closed	Lodged	Closed	Lodged	Closed
1981	1 290 506	1 227 127	118	100	3 735	3 667	-	-
1986	1 861 403	1 739 276	354	285	3 095	3 040	-	-
1991	1 853 737	1 745 311	350	297	4 297	4 248	-	-
1996	2 801 156	2 520 678	430	292	3 587	3 453	-	-
2001	3 234 339	2 975 331	327	214	4 686	4 552	-	-
2006	3 429 938	3 219 003	500	351	5 207	5 141	-	-
2007	3 708 225	3 476 841	549	373	4 744	4 639	189	103
2008	3 488 886	3 252 760	624	425	5 572	5 461	492	344
2009	3 252 296	3 043 267	680	434	6 284	6 220	724	586
2010	3 128 642	2 943 204	787	561	7 548	7 399	364	315
2011	3 113 674	2 934 477	793	498	7 395	7 304	208	177
2012	3 269 430	3 076 297	913	570	7 469	7 417	222	178
2013	3 237 377	3 048 492	896	544	6 244	6 166	176	146
2014	3 262 888	3 054 895	840	522	8 046	7 951	110	88
2015	3 243 982	3 027 534	745	385	9 417	9 321	99	78
Year	Supreme Administrative Court				High Administrative Courts			
	Administrative litigation cases				Administrative litigation cases			
	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month
1981	2 764	2 134	127.81	15.46	-	-	-	-
1986	4 069	3 574	48.64	22.91	-	-	-	-
1991	4 282	3 774	57.76	20.40	-	-	-	-
1996	6 388	5 311	79.05	23.60	-	-	-	-
2001	8 199	3 845	505.15	24.92	45 673	39 274	132.94	115.92
2006	11 438	5 237	377.54	23.33	14 582	9 824	228.28	22.98
2007	12 110	6 655	369.08	29.57	14 302	10 145	199.40	24.39
2008	10 245	6 791	251.46	32.90	11 607	8 917	179.52	22.12
2009	7 976	5 147	296.13	23.18	9 471	7 160	150.37	17.91
2010	7 878	5 268	244.54	22.61	8 892	6 909	135.71	17.13
2011	6 466	5 603	206.05	19.35	8 514	6 385	138.51	16.58
2012	4 858	4 356	80.22	15.45	7 697	6 065	144.73	14.39
2013	3 564	3 071	71.74	11.45	6 493	4 700	155.74	10.77
2014	3 793	3 055	69.06	11.96	7 098	5 158	152.50	12.04
2015	4 492	3 797	72.34	15.61	7 473	5 280	156.73	11.81

Source: Judicial Yuan

**Table 29. Summary of filings and dispositions of cases in the Judicial Yuan & its subordinate organs (continued)**

Cases, Days

Year	Public Functionary Disciplinary Sanction Commission				Intellectual Property Court					
	Adjudication cases				Civil cases				Criminal cases	
	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each commissioner per month	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed
1981	84	70	64.69	5.83	-	-	-	-	-	-
1986	261	226	54.69	18.83	-	-	-	-	-	-
1991	288	248	39.04	20.67	-	-	-	-	-	-
1996	577	512	52.13	42.67	-	-	-	-	-	-
2001	477	415	57.66	34.58	-	-	-	-	-	-
2006	608	542	51.62	45.17	-	-	-	-	-	-
2007	638	566	37.89	47.17	-	-	-	-	-	-
2008	678	609	38.72	50.75	275	148	52.22	-	175	107
2009	745	678	40.07	56.50	876	617	120.03	17.13	435	334
2010	721	665	36.07	55.42	1 316	981	167.45	19.49	450	346
2011	743	681	34.26	56.75	1 032	758	214.39	13.86	457	374
2012	708	662	34.84	55.17	1 063	763	216.19	10.97	416	344
2013	720	665	33.05	55.42	1 030	698	225.07	14.08	375	307
2014	707	661	29.91	55.08	1 047	703	226.65	12.46	354	281
2015	1 456	1 297	25.89	108.08	1 004	690	267.68	11.82	327	254
Year	Intellectual Property Court						Supreme Court			
	Criminal cases		Administrative litigation cases				Civil cases			
	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month
1981	-	-	-	-	-	-	6 980	6 028	...	...
1986	-	-	-	-	-	-	4 379	4 077	8.33	21.57
1991	-	-	-	-	-	-	4 882	4 495	22.38	22.25
1996	-	-	-	-	-	-	7 338	4 962	61.96	18.73
2001	-	-	-	-	-	-	7 011	4 279	46.27	17.05
2006	-	-	-	-	-	-	6 216	5 098	35.32	19.36
2007	-	-	-	-	-	-	6 096	5 238	33.50	20.15
2008	61.78	-	244	109	98.60	-	6 021	5 178	29.46	20.23
2009	88.96	17.00	567	413	130.27	16.94	6 141	5 228	25.96	21.01
2010	113.21	18.62	614	443	140.35	18.90	6 074	5 167	24.02	21.17
2011	110.39	13.80	510	402	146.72	13.59	6 174	5 056	24.84	23.11
2012	83.52	10.55	454	308	141.31	10.77	6 871	5 205	26.07	22.62
2013	97.64	7.10	471	345	150.01	7.01	7 400	5 600	31.78	20.33
2014	102.06	6.17	420	288	157.52	6.27	7 642	5 987	39.69	19.25
2015	125.10	6.00	445	288	185.50	6.00	7 915	5 763	45.08	20.32

**Table 29. Summary of filings and dispositions of cases in the Judicial Yuan & its subordinate organs (continued)**

Cases, Days

Year	Supreme Court				High Courts and their branches				
	Criminal cases				Civil cases				Criminal cases
	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged
1981	9 842	8 457	...	...	19 764	16 805	84.01	...	54 312
1986	9 958	8 420	10.84	26.83	21 256	18 747	61.56	25.96	76 294
1991	8 310	7 915	15.28	19.50	15 631	12 927	98.08	17.03	63 695
1996	11 316	7 803	26.98	20.18	23 185	18 152	108.74	18.60	55 136
2001	16 928	9 516	38.52	19.25	27 629	21 031	130.31	18.89	51 467
2006	13 547	8 654	34.68	18.78	19 491	14 152	161.86	12.95	44 508
2007	14 070	9 315	30.37	20.67	20 073	14 802	151.57	14.01	63 362
2008	14 110	8 820	30.89	20.48	20 153	15 085	151.97	14.02	55 923
2009	13 920	9 484	26.43	20.98	20 195	14 754	149.86	13.00	49 623
2010	13 057	10 061	25.17	20.53	20 737	14 788	150.67	12.55	46 782
2011	11 304	9 110	27.07	19.78	21 826	15 481	160.67	12.30	45 524
2012	9 726	8 608	28.95	17.22	22 736	16 311	172.45	12.04	43 148
2013	7 997	7 172	32.06	14.64	22 667	15 594	169.45	11.40	39 662
2014	7 093	6 229	28.63	13.80	25 145	17 195	174.95	11.97	37 789
2015	6 689	5 577	30.75	13.60	27 293	19 240	186.72	12.78	36 539
Year	High Courts and their branches					District Courts			
	Criminal cases			Public defense cases		Civil cases (1)			
	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month
1981	50 015	51.65	...	2 174	2 008	208 075	204 152	32.98	...
1986	72 943	38.26	58.74	3 881	3 496	374 723	369 979	42.91	127.10
1991	59 273	53.39	45.70	3 744	3 366	391 880	382 503	41.93	185.47
1996	48 412	70.61	33.59	6 274	5 539	823 165	801 264	53.95	294.71
2001	44 540	84.40	28.12	4 700	3 941	1 906 314	1 725 693	111.12	340.42
2006	37 876	83.90	25.38	6 830	5 189	2 649 650	2 502 737	56.09	378.10
2007	57 185	79.01	37.26	6 982	5 679	2 810 741	2 645 203	46.57	355.14
2008	50 637	67.47	31.86	5 780	4 603	2 648 682	2 478 656	45.13	209.96
2009	44 431	62.53	26.04	5 200	3 998	2 456 011	2 306 952	47.55	110.06
2010	41 545	68.10	23.60	5 384	4 313	2 370 999	2 246 271	41.77	84.40
2011	40 452	68.92	21.85	4 882	3 933	2 374 933	2 256 792	33.83	71.89
2012	38 384	73.58	20.56	4 446	3 489	2 543 963	2 414 450	31.51	73.04
2013	35 192	78.53	18.40	4 641	3 714	2 530 089	2 405 047	31.07	70.43
2014	33 526	82.24	17.56	4 503	3 536	2 530 852	2 392 584	30.46	67.25
2015	32 355	74.19	17.75	4 069	3 206	2 465 361	2 325 681	32.59	65.65

**Note:** (1) Excluding the compulsory execution cases before 1997

**Table 29. Summary of filings and dispositions of cases in the Judicial Yuan & its subordinate organs (continued)**

Cases, Days

Year	District Courts								
	Criminal cases				Compulsory execution cases		Financial rulings		Financial compulsory execution cases
	Lodged	Closed	Average no. of days to close a case	Average no. of cases closed by each justice per month	Lodged	Closed	Lodged	Closed	Lodged
1981	214 079	205 969	28.96	...	73 969	68 291	51 938	51 602	437 023
1986	275 728	264 584	26.74	103.93	156 979	141 942	76 170	76 078	569 753
1991	241 034	223 832	51.44	83.45	115 923	107 659	80 442	79 929	488 150
1996	298 672	269 648	66.96	63.97	220 597	183 890	836	832	639 911
2001	372 350	328 747	94.84	65.25	452 344	327 238	414	390	281 389
2006	377 951	343 635	66.90	63.47	748 253	669 416	-	-	-
2007	481 447	443 494	62.93	80.17	1 016 650	919 350	-	-	-
2008	483 632	441 365	61.68	75.37	1 179 899	1 079 471	-	-	-
2009	482 020	444 492	61.46	69.66	1 137 896	1 048 772	-	-	-
2010	477 261	437 693	57.86	66.97	1 208 541	1 139 161	-	-	-
2011	483 053	441 075	59.61	64.45	1 280 133	1 219 188	-	-	-
2012	476 036	431 196	62.42	60.45	1 361 697	1 299 043	-	-	-
2013	456 686	412 273	64.11	56.14	1 369 452	1 311 609	-	-	-
2014	479 193	429 826	62.56	56.96	1 397 338	1 330 652	-	-	-
2015	514 896	460 261	66.52	60.35	1 362 760	1 299 123	-	-	-
Year	District Courts								
	Financial compulsory execution cases	Notarization		Lodgment		Public defense		Juvenile probation cases (Persons)	
	Closed	Lodged	Closed	Lodged	Closed	Lodged	Closed	Lodged	Closed
1981	402 300	163 284	163 281	40 610	40 610	1 755	1 638	39 059	23 757
1986	487 588	229 882	229 876	51 285	51 284	3 336	3 137	44 539	26 341
1991	425 252	347 747	347 746	74 936	74 927	8 146	6 920	65 077	44 132
1996	466 141	623 967	623 967	86 051	86 039	15 410	11 495	83 424	59 045
2001	281 389	400 824	400 824	110 651	110 622	11 475	6 869	60 949	39 195
2006	-	156 582	156 157	129 658	129 599	17 407	11 658	42 247	28 797
2007	-	146 444	145 713	133 460	133 410	18 245	12 756	43 791	29 865
2008	-	124 510	124 271	105 943	105 837	21 678	17 161	45 232	30 670
2009	-	116 657	116 509	79 971	79 828	18 496	14 544	46 581	31 748
2010	-	107 949	107 682	57 213	57 110	15 318	10 838	46 026	30 581
2011	-	99 197	98 956	45 545	45 373	17 634	12 906	52 448	35 286
2012	-	95 896	95 749	45 099	44 793	18 325	14 119	58 587	39 589
2013	-	99 249	99 085	47 019	46 876	18 650	13 738	58 721	39 125
2014	-	95 569	95 424	50 328	50 210	18 169	12 986	54 220	34 932
2015	-	95 226	95 118	49 725	49 483	17 935	12 280	52 263	33 842

Table 30. Fire fighting

Year	The equipment of fire fighting (1)						Inspection of fire safety (3)		Fires accidents
	No. of firemen (2) (Persons)	No. of firemen per 10,000 population (Persons)	No. of fire engines (Vehicles)	No. of fire engines per 10,000 population (Vehicles)	Hydrant (Sets)	No. of hydrant per 1,000 household (Sets)	Cases (Cases)	Qualified rate (%)	No. of fires (Times)
1981	17 501	9.7	1 060	0.58	32 356	8.28	-	-	9 260
1986	19 021	9.8	1 231	0.63	47 597	10.58	-	-	10 306
1991	22 065	10.7	1 425	0.69	62 061	11.87	-	-	7 742
1996	26 487	12.3	1 734	0.81	81 073	13.46	602 077	94.1	13 309
2001	34 679	15.5	1 956	0.87	102 254	15.03	347 355	89.8	13 750
2006	41 074	18.0	2 110	0.92	121 146	16.38	287 416	90.5	4 332
2007	42 164	18.4	2 160	0.94	124 647	16.59	311 249	89.4	3 392
2008	42 915	18.6	2 179	0.95	127 572	16.66	310 730	90.1	2 886
2009	44 226	19.1	2 198	0.95	131 465	16.84	303 229	89.0	2 621
2010	46 179	19.9	2 173	0.94	134 708	16.97	302 257	88.8	2 186
2011	45 366	19.5	2 191	0.94	137 661	17.08	327 519	85.4	1 772
2012	46 618	20.0	2 307	0.99	140 061	17.11	317 605	86.1	1 574
2013	48 302	20.7	2 336	1.00	141 384	17.06	335 436	86.9	1 451
2014	48 958	20.9	2 374	1.01	149 283	17.81	325 367	86.0	1 417
2015	50 556	21.5	2 382	1.01	151 158	17.85	317 309	85.3	1 704

**Note:** In the table, the data excluding inspection of fire safety do not include Kinmen County and Lienchiang County before 1997.

(1) The data is end of year.

(2) Including voluntary fire fighters

(3) It was executed after implementing "Maintaining Public Safety Projects" in June, 1993.

**Source:** National Fire Agency, MOI



**Table 30. Fire fighting (continued)**

Year	Fire accidents						Emergency medical services (119 services)		
	Average no. of fires a day (Times)	Deaths and injured (Persons)			Burn-out & damaged vehicles (Vehicles)	Burn-out & damaged houses (Houses)	Estimated losses (Millions NT\$)	Times of call volume (Times)	No. of persons rescued in emergency (Person-times)
		Total	Deaths	Injured					
1981	25.37	427	157	270	...	1 777	1 773	...	...
1986	28.24	617	221	396	...	1 719	1 930	136 407	98 756
1991	21.21	874	250	624	...	1 680	3 002	164 070	116 430
1996	36.46	1 057	275	782	...	2 020	2 815	277 830	200 877
2001	37.67	1 040	234	806	3 583	2 844	15 563	464 941	343 076
2006	11.87	596	125	471	1 458	1 489	1 559	691 964	537 707
2007	9.29	518	120	398	1 630	1 483	1 292	720 797	593 034
2008	7.89	405	101	304	1 066	1 252	1 475	752 823	609 506
2009	7.18	415	117	298	1 373	1 292	759	811 914	662 924
2010	5.99	391	83	308	729	1 278	1 688	918 882	749 126
2011	4.85	385	97	288	567	1 029	553	1 003 981	817 928
2012	4.30	428	142	286	614	907	694	1 014 909	826 076
2013	3.98	281	92	189	627	1 204	533	1 016 637	826 839
2014	3.88	368	124	244	658	1 263	436	1 078 727	878 849
2015	4.67	850	117	733	802	1 477	531	1 100 264	891 562

Table 31. All kinds of illegal cases and the number of offenders

Year	Criminal cases (1)						Violent crime			Larceny (1)		
	Cases known to the police (Cases)	Cases cleared (Cases)	Offenders (Persons)	Crime rate (Cases/100,000 pop.)	Clearance rate (%)	Offender rate (Persons/100,000 pop.)	Cases known to the police (Cases)	Cases cleared (Cases)	Offenders (Persons)	Cases known to the police (Cases)	Cases cleared (Cases)	Offenders (Persons)
1946	20 977	14 437	18 081	...	68.8	...	...	...	...	9 654	7 146	8 326
1971	36 013	30 401	30 927	242.8	84.4	208.5	...	...	...	19 614	14 101	11 735
1981	51 292	43 240	43 612	285.4	84.3	242.7	3 557	3 071	4 103	28 918	21 574	17 774
1991	304 141	191 492	145 442	1 486.9	63.0	711.0	8 683	7 864	9 435	225 976	114 401	31 631
2001	490 736	271 128	180 527	2 196.6	55.3	808.1	14 327	8 584	9 595	338 063	154 811	40 178
2006	512 788	342 329	229 193	2 246.8	66.8	1 004.2	12 226	7 902	7 978	281 561	164 557	39 927
2007	491 815	367 001	265 860	2 146.0	74.6	1 160.1	9 534	7 154	7 529	241 091	150 108	42 053
2008	453 439	350 497	271 186	1 971.7	77.3	1 179.2	8 117	6 493	6 843	209 351	133 823	42 364
2009	386 075	311 648	261 973	1 672.9	80.7	1 135.1	6 764	5 726	6 139	155 151	102 224	35 585
2010	371 934	296 500	269 340	1 607.3	79.7	1 163.9	5 312	4 684	5 365	142 774	92 076	37 554
2011	347 674	276 371	260 356	1 499.0	79.5	1 122.5	4 190	3 943	4 929	116 831	77 627	36 278
2012	317 356	266 512	262 058	1 363.8	84.0	1 126.1	3 461	3 355	4 527	100 264	70 369	37 059
2013	298 967	258 802	255 310	1 280.7	86.6	1 093.7	2 525	2 456	3 052	82 496	60 436	33 468
2014	306 300	263 515	261 603	1 308.8	86.0	1 117.8	2 289	2 234	2 825	76 330	59 223	34 574
2015	297 800	273 567	269 296	1 269.2	91.9	1 147.8	1 956	2 008	2 522	66 255	55 055	33 913

**Note:** Data do not include Kinmen County and Lienchiang County before 1996.

(1) It doesn't include motorcycle theft before 1985.

**Source:** National Police Agency, MOI

**Table 31. All kinds of illegal cases and the number of offenders (continued)**

Year	Automobile theft (Cases)		Fraudulent, breach of trust (Cases)		Homicide (Cases)		Robbery, snatch and grab (Cases)		Category one narcotics (Cases, persons)		Category two narcotics (Cases, persons)	
	Cases known to the police	Cases cleared	Cases known to the police	Cases cleared	Cases known to the police	Cases cleared	Cases known to the police	Cases cleared	Cases known to the police	Offenders	Cases known to the police	Offenders
1946	9 654	7 146	1 876	1 032	36	36	15	14	21	25	...	...
1971	19 614	14 101	1 530	1 522	1 658	1 623	450	415	617	799	...	...
1981	4 647	2 355	1 204	1 168	1 267	1 186	1 274	960	98	136	2 798	4 400
1991	28 975	11 777	1 036	978	1 854	1 733	3 385	2 794	2 467	3 549	14	21
2001	51 377	33 709	16 082	2 665	1 201	1 089	10 959	5 527	11 902	15 390	14 275	18 590
2006	33 739	25 163	41 485	26 009	1 093	1 050	8 911	4 791	31 917	32 855	13 056	13 931
2007	31 966	22 326	40 556	34 435	1 020	980	6 059	3 794	33 615	33 633	18 713	19 349
2008	28 508	19 723	41 219	35 098	922	906	4 925	3 373	33 785	33 378	18 019	18 550
2009	19 697	13 243	39 152	35 990	935	913	3 799	2 856	24 280	25 092	19 713	21 025
2010	17 106	11 269	28 900	25 123	836	833	2 557	2 026	19 504	20 238	27 694	29 334
2011	11 385	8 062	24 076	18 195	804	795	1 661	1 433	17 435	18 361	26 968	28 550
2012	8 577	6 414	20 936	16 399	744	743	1 275	1 207	15 661	16 488	26 021	27 682
2013	6 535	4 878	19 534	13 447	551	551	1 001	947	12 675	13 320	24 687	26 555
2014	6 363	5 016	23 813	15 751	561	559	835	805	11 495	12 129	24 625	26 337
2015	5 638	4 721	21 825	18 520	522	518	740	756	13 355	14 449	33 463	35 785

**Table 31. All kinds of illegal cases and the number of offenders (continued)**

Year	Child offenders		Juvenile offenders		Violation of copyright law		Violation of the trademark law		Violation of the law		
	Offenders (Persons)	Offender rate (Persons/100,000 pop.)	Offenders (Persons)	Offender rate (Persons/100,000 pop.)	No. of cases (Cases)	Offenders (Persons)	No. of cases (Cases)	Offenders (Persons)	for maintaining social order (Cases)	Distur- bance of the peace	Violation of moral order
1946	...	...	...	...	...	...	...	...	9 269	1 753	3 342
1971	...	...	...	...	...	...	...	...	122 896	49 225	39 142
1981	913	19.9	11 038	472.5	1	1	124	128	87 916	46 939	35 421
1991	1 351	31.6	25 472	1 106.8	1 782	1 604	274	267	21 676	16 230	5 367
2001	533	14.3	16 939	849.0	4 264	4 961	637	811	8 545	3 398	5 103
2006	462	14.3	10 384	535.4	2 614	2 938	1 930	2 123	10 632	4 899	5 630
2007	496	15.9	10 881	561.7	3 362	3 758	3 027	3 238	10 014	4 416	5 527
2008	472	15.7	11 283	582.2	2 762	3 117	2 834	3 104	10 966	4 545	6 354
2009	452	15.7	10 762	556.4	2 419	2 722	2 661	2 873	8 257	3 467	4 720
2010	472	17.1	11 102	581.1	2 003	2 269	2 833	3 123	7 325	3 552	3 639
2011	537	20.1	13 103	703.5	2 185	2 550	3 306	3 603	6 382	3 458	2 792
2012	623	24.0	15 078	822.7	2 043	2 379	3 133	3 439	7 476	3 798	3 532
2013	609	24.1	12 038	672.1	2 201	2 266	3 352	3 699	7 329	3 085	4 119
2014	579	23.3	10 969	637.9	2 066	2 251	2 764	2 886	6 324	2 591	3 581
2015	478	19.4	11 002	673.3	2 128	2 364	2 755	2 863	5 237	1 155	3 861

# **SOCIAL WELFARE**

**Table 32. Net expenditure for social welfare**

Fiscal Year	Net expenditures for social welfare by general government (Thousand NT\$)			
	Total	Social insurance	Social relief	Welfare service
1966	1 123 853	...	...	...
1971	5 682 995	...	...	...
1981	16 549 485	...	...	...
1991	117 771 908	33 378 237	13 581 114	46 373 817
2001	396 980 708	201 574 123	39 016 143	126 861 977
2006	370 302 873	163 151 663	20 295 051	153 396 153
2007	372 202 180	162 548 204	23 245 160	151 322 244
2008	368 136 275	147 650 876	25 558 545	158 274 828
2009	388 561 948	189 263 236	24 142 594	136 715 713
2010	415 356 194	203 081 916	30 835 106	138 618 928
2011	446 921 628	225 292 952	31 161 163	147 751 355
2012	540 440 045	303 471 755	36 627 757	162 095 606
2013	536 911 718	321 010 987	36 177 655	140 920 087
2014	517 142 825	294 119 857	22 018 031	161 606 551
2015	532 099 926	310 802 751	21 060 654	160 348 078
Fiscal Year	Net expenditures for social welfare by general government (Thousand NT\$)		As a % of government expenditures (%)	Net benefit from social welfare per capita (NT\$)
	Employment service	Public health		
1966	...	...	4.7	88
1971	...	...	10.9	383
1981	...	...	3.9	918
1991	2 851 351	21 587 389	9.2	5 744
2001	2 899 722	26 628 743	17.5	17 769
2006	2 615 018	30 844 988	16.7	16 225
2007	2 479 923	32 606 649	16.3	16 241
2008	2 252 153	34 399 873	15.7	16 008
2009	2 741 980	35 698 425	14.5	16 837
2010	4 783 718	38 036 526	16.2	17 949
2011	5 317 036	37 399 122	17.1	19 269
2012	3 387 609	34 857 318	20.2	23 224
2013	2 981 731	35 821 258	20.1	22 999
2014	2 672 719	36 725 667	19.5	22 097
2015	2 876 776	37 011 667	20.1	22 678

**Note:** Before 2003, the figures are final audit accounts; since 2003, the figures are final account.

**Source:** 1. Ministry of Finance  
2. National Audit Office

**Table 33. Low-income families and living assistance**

End of Year	Low-income families (1) (Households, Persons)								As a % of total households (%)	As a % of total population (%)
	Total		Class 1		Class 2		Class 3			
	Households	Persons	Households	Persons	Households	Persons	Households	Persons		
1981	31 038	113 440	...	...	...	...	...	...	0.80	0.63
1986	37 734	114 233	11 705	15 124	13 162	45 654	12 867	53 455	0.84	0.59
1991	42 665	116 225	12 012	15 326	14 818	48 089	15 835	52 810	0.82	0.56
1996	49 307	115 542	7 855	9 533	17 884	42 738	23 568	63 271	0.82	0.54
2001	67 191	162 699	4 132	4 761	22 461	49 876	40 598	108 062	0.99	0.73
2006	89 900	218 166	4 214	4 472	21 073	47 168	64 613	166 526	1.22	0.95
2007	90 682	220 990	4 207	4 461	21 025	46 776	65 450	169 753	1.21	0.96
2008	93 032	223 697	4 308	4 540	21 324	46 748	67 400	172 409	1.22	0.97
2009	105 265	256 342	4 253	4 451	23 447	50 811	77 565	201 080	1.35	1.11
2010	112 200	273 361	4 085	4 271	24 201	51 788	83 914	217 302	1.41	1.18
2011	128 237	314 282	4 253	4 482	26 999	56 295	96 985	253 505	1.59	1.35
2012	145 613	357 446	4 364	4 582	31 095	63 984	110 154	288 880	1.78	1.53
2013	148 590	361 765	4 520	4 698	32 656	64 022	111 414	293 045	1.79	1.55
2014	149 958	357 722	4 243	4 389	33 053	61 779	112 662	291 554	1.79	1.53
2015	146 379	342 490	3 902	4 032	32 662	57 917	109 815	280 541	1.73	1.46

**Note:** (1) Data do not include Kinmen County and Lienchiang County before 1982. The new "Public Assistance Act" shall take effect on the 1st of July 2011.

In addition to the upward revision of minimum monthly income, brothers and sisters are excluded from the scope of number of members living in the household.

**Source:** Ministry of Health and Welfare

**Table 33. Low-income families and living assistance (continued)**

10 Thousand NT\$

Year	Living support (2)			Student living assistance		Work relief (2)		Education subsidies (2)		Primary festival grants	
	Times of persons	Times of households	Amount	Times of persons	Amount	Times of persons	Amount	Times of persons	Amount	Times of households	Amount
1981	...	...	21 833	...	...	...	...	...	...	...	...
1986	...	...	39 086	...	...	...	...	...	...	...	...
1991	...	...	51 390	...	...	...	...	...	...	...	...
1996	481 464	...	194 612	81 436	33 954	48 891	59 434	11 161	1 895	...	16 541
2001	591 145	230 327	270 147	143 303	59 604	40 047	51 354	12 644	2 373	...	21 186
2006	821 714	228 512	306 091	271 072	108 912	41 460	57 449	15 639	3 942	251 916	31 370
2007	831 072	233 703	307 580	290 848	117 378	40 861	56 060	17 161	3 734	243 419	31 436
2008	805 134	233 183	329 514	314 127	141 812	40 613	56 885	20 076	3 635	242 155	27 813
2009	962 455	260 348	417 514	402 322	201 940	42 446	58 803	8 176	1 569	264 677	27 826
2010	1 066 300	268 877	442 886	416 203	207 061	43 367	57 010	10 391	3 798	305 877	31 622
2011	1 120 856	270 893	460 079	496 156	251 285	34 594	48 862	15 423	5 619	256 877	29 782
2012	1 316 404	327 166	625 468	598 615	353 331	27 621	41 524	20 485	7 033	266 439	36 132
2013	1 360 970	352 852	648 918	695 024	409 786	26 929	39 871	28 481	8 240	408 212	43 169
2014	1 292 475	349 305	626 175	689 307	406 765	23 985	37 309	34 975	9 956	460 818	52 063
2015	1 201 568	337 163	605 253	646 749	380 865	23 685	37 159	30 780	9 044	357 820	54 343

**Note:** (2) Data do not include Kinmen County and Lienchiang County before 1996.



**Table 34. General situation of national health insurance**

End of Year	No. of beneficiaries (1,000 Persons)	Contracted medical care institutions (No.)		
		Total	Medical care institutions	Western med. hospitals and clinics
1995	19 123	15 662	14 599	8 262
1996	20 041	18 338	15 429	8 755
1999	21 090	19 966	16 169	8 895
2000	21 401	19 983	16 332	8 818
2001	21 654	20 071	16 558	8 821
2006	22 484	23 207	18 289	9 660
2007	22 803	23 478	18 540	9 795
2008	22 918	23 874	18 829	9 910
2009	23 026	24 423	19 077	10 032
2010	23 074	25 031	19 388	10 191
2011	23 199	25 747	19 763	10 360
2012	23 281	26 317	20 058	10 504
2013	23 463	26 823	20 324	10 594
2014	23 622	27 332	20 603	10 703
2015	23 737	27 728	20 762	10 729

  

End of Year	Contracted medical care institutions (No.)			
	Medical care institutions		Others	Pharmacies
	Chinese med. Hospitals and clinics	Dental clinics		
1995	1 722	4 615	1 063	804
1996	1 815	4 859	2 909	2 608
1999	2 072	5 202	3 797	3 263
2000	2 152	5 362	3 651	3 061
2001	2 269	5 468	3 513	2 860
2006	2 723	5 906	4 918	4 036
2007	2 794	5 951	4 938	4 061
2008	2 888	6 031	5 045	4 180
2009	2 957	6 088	5 346	4 446
2010	3 024	6 173	5 643	4 706
2011	3 140	6 263	5 984	5 037
2012	3 205	6 349	6 259	5 284
2013	3 288	6 442	6 499	5 513
2014	3 391	6 509	6 729	5 737
2015	3 468	6 565	6 966	5 950

**Note:** The national health insurance was implemented in March, 1995.

**Source:** National Health Insurance Administration, Ministry of Health and Welfare

**Table 34. General situation of national health insurance (continued)**

Year	Medical benefit claims (1,000 Cases, Million points, Days)					Average insured amount of the insured for category 1 to 3 (1) (NT\$)
	Outpatient		Inpatient			
	Cases	Points	Cases	Points	Average length of stay	
1995	201 905	106 923	1 173	36 395	9.41	20 691
1996	272 744	149 793	2 349	75 005	9.03	21 877
1999	322 224	197 870	2 590	93 499	8.68	24 619
2000	315 063	198 684	2 691	98 156	8.73	25 245
2001	313 947	206 918	2 815	104 629	8.83	25 693
2006	330 043	277 212	2 913	146 259	9.92	30 066
2007	337 600	289 373	2 970	150 890	10.02	31 427
2008	341 017	306 556	3 048	156 908	10.24	31 672
2009	356 795	325 980	3 144	161 650	10.19	31 847
2010	360 651	336 007	3 207	164 416	10.25	32 544
2011	375 009	356 128	3 277	169 792	10.18	33 505
2012	365 406	389 004	3 177	176 540	9.88	34 087
2013	351 209	410 119	3 134	179 150	9.89	34 715
2014	357 029	427 366	3 208	187 894	9.75	35 402
2015	355 589	436 847	3 281	193 523	9.55	35 918
Year	Premium receivables (Million NT\$)	Beneficiaries	Group insurance applicants	Government subsidies	Revenues and expenditures of national health insurance (Million NT\$)	
					Revenues	Expenditures
1995	198 376	65 507	72 885	59 984	...	...
1996	236 130	87 612	79 870	68 648	248 373	219 683
1999	269 654	105 222	88 736	75 697	260 996	287 021
2000	287 723	112 489	94 980	80 254	270 693	278 093
2001	290 070	115 355	93 566	81 149	295 150	296 612
2006	367 587	139 358	134 778	93 451	374 297	369 914
2007	370 002	142 921	133 196	93 885	383 934	388 042
2008	383 989	148 027	137 645	98 317	391 904	407 809
2009	385 194	148 418	136 656	100 120	391 396	431 752
2010	437 377	166 371	159 505	111 501	444 501	439 080
2011	468 799	176 459	174 166	118 175	485 798	463 727
2012	482 413	180 016	182 192	120 205	528 177	479 978
2013	466 290	175 513	180 366	110 412	571 007	491 892
2014	476 947	178 902	186 814	111 230	572 490	519 258
2015	479 882	182 715	184 538	112 629	...	...

Note: (1) End of year

**Table 35. General situation of labor insurance**

Units, 1,000 Persons

End of Year	No. of insured units and persons							
	Total		Industrial workers		Workers of commercial firms and shops		Employees in government agencies and schools	
	Units	Persons	Units	Persons	Units	Persons	Units	Persons
1971	10 052	1 000	5 117	752	584	25	3 994	49
1981	48 716	2 782	27 480	1 854	12 214	259	6 498	119
1991	294 807	7 281	116 367	2 804	151 213	1 695	6 853	191
1996	379 065	7 434	124 896	2 517	215 400	1 944	7 434	202
2001	399 303	7 779	117 507	2 414	234 720	2 268	8 579	279
2006	462 233	8 681	124 308	2 583	279 312	2 721	8 458	309
2007	467 035	8 799	126 920	2 611	280 061	2 752	8 453	310
2008	468 631	8 795	127 693	2 520	279 203	2 719	8 481	343
2009	476 196	9 029	128 890	2 496	282 911	2 770	8 495	375
2010	489 844	9 398	132 788	2 668	290 247	2 921	8 429	375
2011	503 646	9 726	137 766	2 774	296 898	3 076	8 491	384
2012	508 930	9 710	140 508	2 811	298 502	3 136	8 463	385
2013	517 325	9 746	144 159	2 896	301 083	3 176	8 390	390
2014	527 270	9 920	147 903	3 001	305 676	3 248	8 334	395
2015	537 221	10 073	151 945	3 060	309 950	3 321	8 433	419

Source: Bureau of Labor Insurance, Ministry of Labor

**Table 35. General situation of labor insurance (continued)**

Units, 1,000 Persons

End of Year	No. of insured units and persons							
	Workers employed in fishing production		Craft workers		Class A members of fishermen's association		Others	
	Units	Persons	Units	Persons	Units	Persons	Units	Persons
1971	-	-	134	25	70	142	153	6
1981	-	-	350	319	42	151	2 132	80
1991	882	12	2 031	2 121	39	183	17 422	275
1996	780	6	2 268	2 214	39	201	28 044	385
2001	711	4	2 541	2 114	39	269	34 874	311
2006	549	2	3 054	2 252	39	290	46 513	524
2007	531	2	3 147	2 298	39	291	47 884	534
2008	480	2	3 235	2 374	39	286	49 500	552
2009	501	2	3 351	2 500	39	293	52 009	594
2010	549	2	3 487	2 528	39	295	54 305	608
2011	541	2	3 614	2 557	39	297	56 297	635
2012	722	2	3 703	2 436	39	292	56 993	647
2013	1 398	4	3 753	2 332	39	289	58 503	658
2014	1 682	5	3 772	2 305	39	289	59 864	678
2015	1 652	5	3 799	2 281	39	288	61 403	700

**Table 35. General situation of labor insurance (continued)**

Units, 1,000 Persons

End of Year	Premium receivable	Real benefit payments						
		Total	Pension benefit payments		Lump sum benefit payments			
					Maternity, injury or sickness, permanent disability, old-age, death		Occupational accident medical care	
		Amount	Persons	Amount	Cases	Amount	Cases	Amount
1971	110 118	52 280	-	-	110	37 803	65	14 474
1981	1 337 968	1 162 608	-	-	257	462 266	26 759	700 342
1991	8 645 363	6 580 894	-	-	601	3 265 384	62 803	3 315 510
1996	12 940 865	6 889 809	-	-	549	6 888 360	13	1 449
2001	15 177 981	12 983 842	-	-	569	12 154 594	71	46 705
2006	15 791 806	17 355 303	-	-	571	17 167 248	726	188 055
2007	16 402 590	19 352 133	-	-	601	19 028 083	1 349	324 050
2008	16 775 182	35 829 453	-	-	770	35 628 717	1 460	200 736
2009	19 828 084	14 065 611	67	656 625	626	13 118 938	901	290 048
2010	20 714 956	13 133 429	121	1 540 970	553	11 278 994	1 770	313 466
2011	23 416 708	14 448 200	194	2 663 126	577	11 492 423	1 439	292 651
2012	26 017 454	26 269 050	327	4 383 842	675	21 548 729	1 867	336 479
2013	27 691 721	28 002 503	507	8 167 843	634	19 565 962	1 196	268 698
2014	30 077 501	24 874 063	628	10 725 118	588	13 857 908	1 455	291 036
2015	32 679 482	28 245 088	748	13 319 277	588	14 624 552	1 501	301 260

**Table 36. General situation of farmer's health insurance**

Units, Persons, Cases, 10 Thousand NT\$

Year	No. of insured units (1)	No. of insured persons (1)	Premium receivable	Real cash benefits	
				Cases	Amount
1985	41	100 739	7 647	250	609
1986	41	113 365	47 921	3 052	7 447
1911	289	1 653 676	1 343 377	46 035	495 688
1996	288	1 812 293	551 487	51 033	606 122
2001	289	1 766 854	546 612	96 844	1 308 879
2006	288	1 622 923	505 760	59 775	847 952
2007	287	1 601 410	497 267	59 047	839 138
2008	287	1 573 364	487 370	59 632	872 003
2009	287	1 540 988	474 450	57 848	856 626
2010	287	1 508 284	472 038	56 412	846 248
2011	287	1 479 148	463 073	56 859	849 452
2012	287	1 454 728	453 335	56 234	870 956
2013	287	1 409 634	443 058	52 457	818 194
2014	287	1 349 903	427 586	52 379	822 868
2015	287	1 284 649	408 793	49 058	766 785

**Note:** (1) End of year**Source:** Bureau of Labor Insurance, Ministry of Labor

**Table 37. General situation of government employee and school staff insurance**

Persons, Thousand NT\$

Year	No. of insured persons (1)		Premiums		Cash benefits( including pension benefit payments ) (2)				
					Total		Disability		Old age (3)
	GESSI	RGEI	GESSI	RGEI	Persons	Amount	Persons	Amount	Persons
2001	629 358	906	16 401 215	2 505	37 659	30 472 313	1 080	399 493	21 180
2002	626 652	836	16 447 869	2 329	38 636	31 776 504	1 079	370 965	21 079
2003	622 851	762	16 490 326	2 134	36 486	29 756 590	1 010	342 057	19 999
2004	617 260	692	16 470 377	1 843	37 771	32 045 526	1 070	331 590	20 837
2005	591 158	634	16 744 093	1 788	43 484	38 817 086	1 084	355 608	26 924
2006	589 237	563	16 468 839	1 568	30 546	23 518 563	1 042	355 977	14 929
2007	590 808	502	16 677 444	1 391	29 194	21 377 770	1 056	347 635	13 520
2008	594 798	458	16 926 336	1 306	28 766	20 307 724	1 042	340 805	12 852
2009	597 983	416	17 165 917	1 164	31 957	20 374 548	1 030	345 954	12 897
2010	597 583	372	17 417 350	1 054	36 324	24 971 873	1 029	355 476	16 333
2011	593 949	334	17 694 632	948	37 850	26 951 995	947	337 644	17 365
2012	593 846	303	17 991 298	851	38 862	28 245 148	952	361 365	17 989
2013	593 760	258	20 862 453	689	38 024	26 406 707	885	320 252	16 896
2014	587 459	150	20 948 418	538	44 936	24 424 799	869	327 938	18 029
2015	582 725	125	20 917 837	302	55 571	32 774 230	790	302 791	22 944
Year	Cash benefits( including pension benefit payments ) (2)								
	Old age (3)	Death		Dependents' funeral allowance		Parental leave allowance		Maternity	
	Amount	Persons	Amount	Persons	Amount	Persons	Amount	Persons	Amount
2001	27 961 491	673	668 841	14 726	1 442 487	-	-	-	-
2002	29 105 762	720	738 343	15 758	1 561 433	-	-	-	-
2003	27 266 218	642	663 841	14 835	1 484 473	-	-	-	-
2004	29 538 911	639	645 858	15 225	1 529 167	-	-	-	-
2005	36 274 085	629	641 088	14 847	1 546 305	-	-	-	-
2006	21 009 265	642	685 830	13 933	1 467 490	-	-	-	-
2007	18 921 039	585	622 512	14 033	1 486 584	-	-	-	-
2008	17 785 186	597	643 120	14 275	1 538 613	-	-	-	-
2009	17 602 882	569	639 646	14 751	1 601 003	2 710	185 063	-	-
2010	22 016 132	575	643 044	14 768	1 624 451	3 619	332 772	-	-
2011	23 927 578	565	647 101	15 234	1 706 094	3 739	333 578	-	-
2012	25 142 386	521	623 324	15 113	1 739 995	4 287	378 080	-	-
2013	23 276 649	541	646 142	15 120	1 756 005	4 582	407 659	-	-
2014	20 865 515	564	683 050	15 733	1 834 985	5 175	444 792	4 566	268 518
2015	28 966 252	505	621 253	15 183	1 775 493	5 929	497 877	10 220	610 565

**Note:** GEI and ITASPS were transformed to GESSI since May 31, 1999.

(1) End of year

(2) Including RGEI

(3) The enforcement of the amendments for GESSI was implemented on June 1, 2014, old age benefit and death benefit are divided into pension and lump sum.

**Source:** Bank of Taiwan

**Table 38. General situation of national pension**

Persons, Thousand NT\$

Year	No. of insured persons (1)	Premium receivable			Real insurance benefit payments (2)	
		Total	Premium paid by government	Premium paid by the insured	Persons	Amount
2008	4 220 905	8 189 050	-	8 189 050	935 562	5 642 835
2009	4 014 678	30 843 317	-	30 843 317	1 044 341	37 696 991
2010	3 872 241	29 862 186	-	29 862 186	1 109 914	40 498 338
2011	3 783 731	80 506 455	48 624 278	31 882 177	1 216 260	43 281 019
2012	3 725 626	46 283 655	16 977 261	29 306 395	1 293 871	53 283 638
2013	3 677 601	47 443 118	16 508 156	30 934 962	1 373 599	58 001 719
2014	3 584 020	47 168 321	16 869 803	30 298 519	1 454 560	61 017 622
2015	3 509 970	51 044 259	17 664 559	33 379 700	1 531 373	64 800 157

**Note:** (1) End of year

(2) The grand total means the sum of the persons receiving pensions at the end of the recent year and the accumulation of the persons receiving maternity and funeral benefit.

**Source:** Bureau of Labor Insurance, Ministry of Labor



# **NATIONAL ECONOMICS AND BUSINESS ACTIVITIES**

Table 39. General situation of national income

Year	Gross domestic product (GDP)					Gross national income (GNI) (At current prices)
	At current prices		Chained (2011) dollars			
	Amount (Million NT\$)	Annual rate of increase (%)	Amount (Million US\$)	Chained dollars (Million NT\$)	Economic growth rate (%)	Amount (Million NT\$)
1951	12 327	-	1 197	145 603	-	12 320
1971	269 114	16.28	6 728	914 190	13.43	268 992
1981	1 805 043	18.55	49 063	2 331 586	7.11	1 795 390
1991	5 023 763	12.13	187 314	5 193 843	8.36	5 159 313
2001	10 158 209	-1.87	300 450	9 054 580	-1.26	10 350 233
2006	12 640 803	4.54	388 589	11 803 335	5.62	12 952 502
2007	13 407 062	6.06	408 254	12 572 550	6.52	13 739 828
2008	13 150 950	-1.91	416 961	12 661 079	0.70	13 465 596
2009	12 961 656	-1.44	392 065	12 462 729	-1.57	13 375 650
2010	14 119 213	8.93	446 105	13 787 642	10.63	14 548 852
2011	14 312 200	1.37	485 653	14 312 200	3.80	14 700 572
2012	14 686 917	2.62	495 845	14 607 569	2.06	15 141 108
2013	15 230 739	3.70	511 614	14 929 292	2.20	15 654 588
2014	16 097 400	5.69	530 043	15 515 257	3.92	16 566 844
2015	16 687 855	3.67	523 009	15 615 780	0.65	17 247 960
Year	Gross national income (GNI) (At current prices)		National income (NI)			
	Annual rate of increase (%)	Amount (Million US\$)	At current prices		Chained (2011) dollars	
			Amount (Million NT\$)	Amount (Million US\$)	Chained dollars (Million NT\$)	Annual rate of increase (%)
1951	-	1 196	12 276	1 192	158 874	-
1971	16.44	6 725	251 214	6 280	1 023 511	14.53
1981	18.08	48 801	1 613 077	43 846	2 416 867	7.15
1991	12.22	192 368	4 686 035	174 722	5 923 264	9.45
2001	-1.34	306 129	9 015 899	266 664	9 555 920	-5.07
2006	4.60	398 171	11 117 367	341 757	11 601 475	2.77
2007	6.08	418 387	11 590 959	352 952	12 034 434	3.73
2008	-2.00	426 937	11 161 869	353 896	11 203 683	-6.90
2009	-0.67	404 587	10 985 329	332 285	11 182 646	-0.19
2010	8.77	459 679	12 194 428	385 290	12 343 643	10.38
2011	1.04	498 832	12 290 671	417 057	12 290 671	-0.43
2012	3.00	511 179	12 493 108	421 779	12 490 438	1.63
2013	3.39	525 851	13 115 430	440 559	12 955 284	3.72
2014	5.83	545 500	13 901 100	457 725	13 743 636	6.09
2015	4.11	540 515	14 627 180	458 417	14 538 411	5.78

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 40. Per capita income and consumption**  
At current prices

Year	Per capita GDP				Per capita GNI
	Amount (NT\$)	Annual rate of increase (%)	Amount (US\$)	Annual rate of increase (%)	Amount (NT\$)
1951	1 589	-	154	-	1 588
1971	18 045	13.71	451	13.60	18 037
1981	100 113	16.41	2 721	13.90	99 578
1991	245 019	10.90	9 136	11.20	251 630
2001	454 687	-2.55	13 448	-9.99	463 282
2006	553 851	4.11	17 026	2.99	567 508
2007	585 016	5.63	17 814	4.63	599 536
2008	571 838	-2.25	18 131	1.78	585 519
2009	561 636	-1.78	16 988	-6.30	579 574
2010	610 140	8.64	19 278	13.48	628 706
2011	617 078	1.14	20 939	8.62	633 822
2012	631 142	2.28	21 308	1.76	650 660
2013	652 429	3.37	21 916	2.85	670 585
2014	687 816	5.42	22 648	3.34	707 875
2015	711 310	3.42	22 294	-1.56	735 183

  

年別	Per capita GNI	Per capita NI		Per capita private final consumption	
	Amount (US\$)	Amount (NT\$)	Amount (US\$)	Amount (NT\$)	Amount (US\$)
1951	154	1 582	154	1 157	112
1971	451	16 845	421	9 687	242
1981	2 707	89 466	2 432	51 381	1 397
1991	9 382	228 547	8 522	127 866	4 768
2001	13 703	403 556	11 936	257 670	7 621
2006	17 446	487 103	14 974	304 415	9 358
2007	18 256	505 770	15 401	314 080	9 564
2008	18 564	485 347	15 388	315 691	10 009
2009	17 531	476 000	14 398	310 919	9 405
2010	19 864	526 963	16 650	324 001	10 237
2011	21 507	529 918	17 982	336 257	11 410
2012	21 967	536 868	18 125	345 293	11 657
2013	22 526	561 817	18 872	353 331	11 869
2014	23 308	593 972	19 558	366 649	12 073
2015	23 040	623 476	19 540	372 023	11 662

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 41. Gross national income**

Chained (2011) dollars

Million NT\$

Year	GNI	GDP	Net factor income from the rest of the world	Gain or loss resulting from changes in the terms of trade	NI			Consumption of fixed capital	Statistical discrepancy
					at market prices	NI at factor cost	Net taxes on production and imports		
1951	154 843	145 603	- 198	8 597	158 874	144 012	13 645	331	0
1971	1 084 976	914 190	- 604	165 476	1 023 511	898 034	115 199	63 202	0
1981	2 652 182	2 331 586	- 15 849	317 596	2 416 867	2 139 371	254 569	256 390	- 33 312
1991	6 561 579	5 193 843	187 541	1 192 058	5 923 264	5 365 372	542 399	624 383	- 21 063
2001	11 180 872	9 054 580	213 487	1 904 219	9 555 920	8 931 840	625 955	1 617 331	- 8 639
2006	13 669 529	11 803 335	333 420	1 535 139	11 601 475	10 847 611	755 416	2 065 467	- 10 947
2007	14 186 226	12 572 550	350 310	1 265 332	12 034 434	11 285 249	749 957	2 164 799	- 25 498
2008	13 489 512	12 661 079	320 632	506 359	11 203 683	10 513 772	690 486	2 241 619	44 495
2009	13 517 208	12 462 729	423 658	634 564	11 182 646	10 551 836	629 664	2 284 981	50 827
2010	14 718 522	13 787 642	435 627	497 456	12 343 643	11 595 605	747 583	2 338 548	36 210
2011	14 700 572	14 312 200	388 372	0	12 290 671	11 515 558	775 113	2 409 901	0
2012	14 985 094	14 607 569	445 579	- 68 054	12 490 438	11 720 588	769 850	2 465 948	28 708
2013	15 524 725	14 929 292	411 781	184 291	12 955 284	12 145 898	809 318	2 520 639	48 819
2014	16 332 231	15 515 257	451 147	366 189	13 743 636	12 891 981	851 583	2 581 174	5 201
2015	17 248 116	15 615 780	539 577	1 092 863	14 538 411	13 678 375	860 724	2 587 740	116 059

**Note:** The chained-dollar estimates are not additive.**Source:** Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 42. Expenditure on gross domestic product**

Chained (2011) dollars

Million NT\$

Year	GDP	Expenditure on gross domestic product					
		Private final consumption	Government final consumption	Gross fixed capital formation	Changes in inventories	Exports of goods and services	Imports of goods and services
1951	145 603	110 045	59 422	12 746	3 161	9 756	28 043
1971	914 190	621 886	301 466	258 842	19 009	216 475	374 649
1981	2 331 586	1 401 803	586 281	780 040	33 734	826 368	1 143 286
1991	5 193 843	3 330 549	1 336 699	1 734 329	86 652	2 352 809	3 372 137
2001	9 054 580	6 140 238	1 925 311	2 817 001	- 75 925	4 591 478	5 980 166
2006	11 803 335	7 238 671	1 964 273	3 461 994	42 769	7 823 471	8 669 515
2007	12 572 550	7 413 894	2 007 528	3 501 589	16 971	8 640 956	8 920 001
2008	12 661 079	7 288 331	2 038 445	3 111 807	166 513	8 688 819	8 551 194
2009	12 462 729	7 289 398	2 104 036	2 837 726	- 193 262	7 957 049	7 420 843
2010	13 787 642	7 563 285	2 126 124	3 385 791	196 426	9 999 951	9 500 588
2011	14 312 200	7 798 976	2 167 595	3 346 945	35 921	10 419 700	9 456 937
2012	14 607 569	7 940 907	2 214 447	3 259 477	19 020	10 462 131	9 288 413
2013	14 929 292	8 126 434	2 197 054	3 432 126	- 48 401	10 828 138	9 604 432
2014	15 515 257	8 396 879	2 275 139	3 492 658	30 808	11 467 673	10 147 480
2015	15 615 780	8 593 266	2 267 534	3 535 480	6 331	11 449 032	10 240 798

**Note:** The chained-dollar estimates are not additive.**Source:** Directorate-General of Budget, Accounting and Statistics, Executive Yuan

Table 43. Composition of gross fixed capital formation

%

Year	By type of capital goods								By owner		
	Residential buildings	Non-residential buildings	Other constructions except land improvement	Land improvement and plantation and orchard development	Transport equipments	Machinery and equipments	Breeding stock, draught animals, dairy cattle and the like	Intellectual property products	Private enterprises	Public enterprises	General government
1951	8.96	21.47	23.32	0.37	9.33	34.79	0.07	1.70	53.96	28.72	17.32
1971	11.76	11.79	12.88	0.21	12.74	44.83	0.14	5.66	56.48	31.16	12.36
1981	11.81	18.35	13.46	0.24	8.13	44.29	0.14	3.58	50.75	32.47	16.78
1991	9.56	17.62	20.30	0.57	8.62	34.65	0.30	8.39	50.86	21.90	27.24
2001	6.34	15.61	16.18	1.36	7.52	38.17	0.03	14.79	65.95	11.04	23.01
2006	6.36	18.88	12.79	0.97	5.39	39.95	0.05	15.62	77.71	6.55	15.74
2007	6.74	18.89	12.38	0.93	5.13	40.05	0.02	15.87	78.04	6.55	15.41
2008	7.08	18.80	14.61	1.28	3.97	36.44	0.03	17.78	75.01	7.15	17.85
2009	6.07	16.07	16.39	1.20	4.62	35.06	0.02	20.58	70.10	8.36	21.54
2010	6.91	16.37	13.10	1.26	5.20	38.66	0.01	18.48	74.85	7.49	17.66
2011	10.39	17.23	10.84	0.83	5.34	36.18	0.02	19.19	76.44	6.57	16.99
2012	11.54	17.92	9.68	0.74	5.61	34.16	0.01	20.34	78.21	6.22	15.57
2013	10.20	18.97	9.51	0.77	5.52	34.20	0.02	20.81	79.49	5.93	14.58
2014	10.87	19.21	8.87	0.54	6.24	32.86	0.01	21.39	80.64	6.08	13.29
2015	38.32				6.71	32.79		22.18	81.95	5.55	12.50

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 44. Gross domestic product and expenditure**

At current prices

Million NT \$

Item	2008	2009	2010	2011	2012	2013	2014	2015
Compensation of employees	6 025 652	5 779 248	6 165 437	6 463 779	6 610 923	6 716 450	7 016 814	} 13 171 684
Operating surplus	4 152 383	4 182 474	4 871 013	4 663 407	4 653 419	5 155 782	5 538 113	
Consumption of fixed capital	2 165 597	2 235 344	2 309 958	2 409 901	2 485 583	2 473 986	2 565 072	2 519 033
Taxes on production and imports	766 863	727 981	832 757	880 053	881 226	920 172	980 144	} 895 391
Less: subsidies	97 675	118 368	104 418	104 940	106 651	100 823	103 415	
Plus: statistical discrepancy	138 130	154 977	44 466	-	162 417	65 172	100 672	101 747
Gross domestic product	13 150 950	12 961 656	14 119 213	14 312 200	14 686 917	15 230 739	16 097 400	16 687 855
Government final consumption expenditure	1 991 181	2 055 721	2 098 717	2 167 595	2 254 282	2 242 637	2 341 436	2 324 330
Private final consumption expenditure	7 260 169	7 175 511	7 497 682	7 798 976	8 035 105	8 248 385	8 580 927	8 727 935
Changes in inventories	171 594	- 181 488	188 764	35 921	22 029	- 18 535	28 123	8 775
Gross fixed capital formation	3 045 433	2 761 737	3 335 881	3 346 945	3 282 131	3 378 731	3 484 224	3 457 544
Exports of goods and services	9 230 775	7 827 336	10 013 538	10 419 700	10 345 375	10 579 884	11 258 201	10 777 485
Less: imports of goods and services	8 548 202	6 677 161	9 015 369	9 456 937	9 252 005	9 200 363	9 595 511	8 608 214
Gross domestic product	13 150 950	12 961 656	14 119 213	14 312 200	14 686 917	15 230 739	16 097 400	16 687 855

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 45. National disposable income and its appropriation**

At current prices

Million NT \$

Item	2008	2009	2010	2011	2012	2013	2014	2015
Government final consumption expenditure	1 991 181	2 055 721	2 098 717	2 167 595	2 254 282	2 242 637	2 341 436	2 324 330
Private final consumption expenditure	7 260 169	7 175 511	7 497 682	7 798 976	8 035 105	8 248 385	8 580 927	8 727 935
Saving	1 822 275	1 682 893	2 511 857	2 214 998	2 125 437	2 534 858	2 894 259	3 468 501
Appropriation of disposable income	11 073 625	10 914 125	12 108 256	12 181 569	12 414 824	13 025 880	13 816 622	14 520 766
Compensation of employees	6 025 652	5 779 248	6 165 437	6 463 779	6 610 923	6 716 450	7 016 814	}13 171 684
Operating surplus	4 152 383	4 182 474	4 871 013	4 663 407	4 653 419	5 155 782	5 538 113	
Compensation of employees from ROW, net	- 600	1 752	1 424	1 533	4 620	8 246	10 327	9 059
Property and entrepreneurial income from ROW, net	315 246	412 242	428 215	386 839	449 571	415 603	459 117	551 046
Taxes on production and imports	766 863	727 981	832 757	880 053	881 226	920 172	980 144	} 895 391
Less: subsidies	97 675	118 368	104 418	104 940	106 651	100 823	103 415	
Other current transfers from ROW, net	- 88 244	- 71 204	- 86 172	- 109 102	- 78 284	- 89 550	- 84 478	- 106 414
Disposable income	11 073 625	10 914 125	12 108 256	12 181 569	12 414 824	13 025 880	13 816 622	14 520 766

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan



**Table 46. Average disposable income per household by disposable income quintile**

NT\$, %

Year	Average disposable income per household	Average disposable income per household of each fifth					Income inequality indices		As a % of number of households by sex of household heads	
		1 (Lowest 20%)	2	3	4	5 (Highest 20%)	Ratio of income share of highest 20% to that of lowest 20%	Gini's concentration coefficient	Male	Female
1976	116 297	51 754	79 335	101 676	132 056	216 666	4.18	0.280	...	...
1981	266 439	117 224	183 360	234 699	303 530	493 382	4.21	0.281	...	...
1991	587 242	227 816	389 205	511 410	674 451	1 133 327	4.97	0.308	...	...
1996	826 378	298 443	537 241	723 067	966 103	1 607 034	5.38	0.317	85.06	14.94
2001	868 651	279 404	524 766	740 054	1 013 478	1 785 550	6.39	0.350	80.39	19.61
2006	913 092	304 274	564 865	795 427	1 073 507	1 827 387	6.01	0.339	76.93	23.07
2007	923 874	312 145	571 128	799 418	1 069 885	1 866 791	5.98	0.340	76.78	23.22
2008	913 687	303 517	564 893	796 225	1 068 804	1 834 994	6.05	0.341	74.72	25.28
2009	887 605	282 260	544 532	771 572	1 049 242	1 790 418	6.34	0.345	73.66	26.34
2010	889 353	288 553	542 741	773 468	1 054 693	1 787 312	6.19	0.342	73.73	26.27
2011	907 988	296 352	546 903	786 324	1 083 008	1 827 354	6.17	0.342	73.30	26.70
2012	923 584	301 362	566 814	810 075	1 093 553	1 846 116	6.13	0.338	71.99	28.01
2013	942 208	309 459	583 287	823 937	1 111 674	1 882 680	6.08	0.336	72.18	27.82
2014	956 849	317 144	587 625	830 741	1 128 799	1 919 937	6.05	0.336	72.07	27.93
2015	964 895	320 312	587 763	836 842	1 139 842	1 939 718	6.06	0.338	70.84	29.16

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 47. Family income and expenditure**

Persons, NT\$

Year	No. of persons per household	No. of persons employed per household	Per household					Average disposable income (A)
			Current receipts					
			Total	Compensation of employees	Entrepreneurial income	Property income	Transfer income	
1976	5.24	1.92	125 324	75 720	31 080	11 628	6 900	116 297
1981	4.79	1.92	302 114	187 696	64 242	36 271	13 905	266 439
1991	4.16	1.76	711 333	429 095	139 521	98 941	43 776	587 242
1996	3.92	1.71	1 050 994	579 472	186 931	163 427	121 164	826 378
2001	3.58	1.56	1 108 461	602 182	176 460	177 199	152 620	868 651
2006	3.41	1.52	1 151 338	635 926	167 860	169 822	177 730	913 092
2007	3.38	1.50	1 162 366	640 733	160 457	173 977	187 199	923 874
2008	3.35	1.49	1 150 912	623 282	149 688	169 683	208 260	913 687
2009	3.34	1.46	1 128 201	608 940	145 223	171 088	202 950	887 605
2010	3.25	1.44	1 123 761	619 014	145 430	166 096	193 221	889 353
2011	3.29	1.49	1 157 895	646 849	147 071	170 078	193 897	907 988
2012	3.23	1.46	1 176 877	647 332	148 332	169 341	211 872	923 584
2013	3.21	1.46	1 195 566	655 707	149 970	170 301	219 589	942 208
2014	3.15	1.45	1 213 703	667 520	151 601	176 624	217 959	956 849
2015	3.10	1.43	1 224 600	665 122	147 585	182 698	229 194	964 895

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

**Table 47. Family income and expenditure (continued)**

NT\$, %

Year	Per household					Average propensity to consume (C)=(B)/(A)*100
	Expenditure (B)	Food, beverage and tobacco	Health	Recreation, culture and education		
1976	95 714	38 409	4 406	5 817		82.30
1981	199 523	76 965	8 971	14 929		74.89
1991	411 760	104 587	22 074	46 654		70.12
1996	614 435	121 156	60 123	70 718		74.35
2001	657 872	113 755	75 223	79 179		75.73
2006	713 024	115 036	98 062	82 190		78.09
2007	716 094	118 021	101 075	80 438		77.51
2008	705 413	115 664	101 261	79 631		77.21
2009	705 680	117 712	101 969	77 898		79.50
2010	702 292	116 864	101 089	77 301		78.97
2011	729 010	118 263	106 607	75 697		80.29
2012	727 693	120 399	105 869	72 857		78.79
2013	747 922	121 903	109 711	72 757		79.38
2014	755 169	119 845	112 270	72 379		78.92
2015	759 647	120 619	114 303	73 242		78.73

  

Year	Per household		Per capita			
	Savings (D)	Savings rate (E)=(D)/(A)*100	Current receipts	Average disposable income	Expenditure	Savings
1976	20 583	17.70	23 917	22 194	18 266	3 928
1981	66 916	25.11	63 072	55 624	41 654	13 970
1991	175 482	29.88	170 994	141 164	98 981	42 183
1996	211 943	25.65	268 111	210 811	156 744	54 067
2001	210 779	24.27	309 626	242 640	183 763	58 877
2006	200 068	21.91	337 636	267 769	209 098	58 671
2007	207 780	22.49	343 895	273 336	211 862	61 473
2008	208 274	22.79	343 556	272 742	210 571	62 171
2009	181 925	20.50	337 785	265 750	211 281	54 469
2010	187 061	21.03	345 773	273 647	216 090	57 557
2011	178 978	19.71	351 944	275 984	221 584	54 401
2012	195 891	21.21	364 358	285 939	225 292	60 647
2013	194 286	20.62	372 451	293 523	232 998	60 525
2014	201 680	21.08	385 303	303 762	239 736	64 025
2015	205 248	21.27	395 032	311 256	245 047	66 209

Table 48. Approved Mainland China investment

10 Thousand US\$

Year	Total	By industry											
		Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade	Transportation & storage	Accommodation & food services	Information & communication	Financial & insurance	Real estate
1991	17 416	-	90	17 306	-	-	-	20	-	-	-	-	-
1996	122 924	710	736	111 591	600	-	63	3 029	1 644	668	1 120	1 180	488
1999	125 278	463	230	116 610	270	-	-	1 975	805	1 200	735	1 821	123
2000	260 714	575	15	238 425	1 584	-	554	5 792	940	982	5 349	-	-
2001	278 415	1 039	110	251 396	742	-	2 259	11 721	1 651	150	5 508	316	35
2006	764 234	896	115	664 929	4 626	420	1 473	31 278	10 478	1 641	8 117	8 443	1 780
2007	997 055	1 710	332	876 600	4 778	685	3 145	41 190	3 614	2 509	15 127	11 795	1 365
2008	1 069 139	1 556	851	876 119	1 065	508	4 564	49 911	5 753	6 896	32 446	25 562	2 896
2009	714 259	719	-	589 208	1 700	280	2 596	74 315	3 121	8 029	10 685	4 872	1 720
2010	1 461 787	756	1 444	1 084 082	4 631	30	7 313	111 549	2 308	6 664	33 307	50 038	112 828
2011	1 437 662	448	1 362	1 037 539	150	4 701	6 147	123 272	9 427	6 017	28 253	125 583	41 360
2012	1 279 208	923	810	751 880	-	1 151	5 340	127 179	6 331	17 180	11 864	172 572	133 800
2013	919 009	222	3 175	512 052	-	2 155	3 552	103 594	2 490	7 813	22 288	190 097	28 932
2014	1 027 657	269	1 791	657 916	1 371	910	4 318	109 557	1 881	3 778	11 327	165 895	32 530
2015	1 096 549	220	2 154	648 557	2 496	815	1 185	67 994	4 228	1 447	11 647	278 589	31 953
Year	By industry					By area							
	Professional, scientific & technical services	Support services	Human health & social work services	Arts, entertainment & recreation	Others	Kiangsu	Canton	Chekiang	Fukien	Shanghai	Beijing	Tientsin	Others
1991	-	-	-	-	-	326	7 333	19	5 596	2 114	598	99	1 332
1996	301	-	-	796	-	29 815	30 450	3 275	11 088	24 384	1 886	9 620	12 404
1999	210	-	-	750	87	32 381	50 011	7 898	5 890	15 120	3 537	1 511	8 930
2000	767	33	-	729	4 970	93 056	101 970	6 867	9 949	32 107	5 083	4 083	7 600
2001	671	106	-	197	2 514	104 635	78 797	20 849	12 012	37 625	8 692	3 697	12 109
2006	12 367	3 626	1 906	4 819	7 320	288 725	141 518	59 100	51 994	104 179	16 399	11 331	90 988
2007	5 850	4 150	2 559	2 533	19 113	384 190	197 846	69 079	38 836	144 022	14 684	15 578	132 818
2008	22 406	5 646	3 262	1 456	28 242	422 911	150 460	61 188	80 854	170 413	16 187	16 356	150 770
2009	1 701	806	960	3 513	10 037	274 663	128 216	59 218	26 247	95 500	18 752	17 688	93 975
2010	20 023	6 056	824	1 832	18 103	550 183	261 887	72 262	88 165	196 134	17 798	27 805	247 552
2011	17 529	10 320	8 456	1 562	15 536	442 589	220 507	72 446	92 341	217 586	15 416	21 187	355 592
2012	27 499	2 341	7 268	5 462	7 608	345 601	141 427	100 398	110 586	214 770	13 210	35 415	317 800
2013	16 339	11 505	6 126	1 782	6 887	231 093	147 853	42 576	57 363	239 285	17 622	12 678	170 540
2014	20 994	9 785	1 111	783	3 441	245 788	116 103	46 333	189 140	135 267	13 923	9 571	271 532
2015	26 399	6 128	1 582	4 938	6 217	228 866	146 973	65 932	85 040	128 689	142 820	15 153	283 074

Note: The Standard Industrial Classification is the 8th Amendment.

Source: Investment Commission, MOEA

**Table 49. Approved inward and outward investment**

## I. Approved overseas Chinese and foreign investment

10 Thousand US\$

Year	Total	Overseas Chinese	Foreign nationals	By industry						
				Agriculture, forestry, fishing & animal husbandry	Mining & quarrying	Manufacturing	Electricity & gas supply	Water supply & remediation services	Construction	Wholesale & retail trade
1952	107	107	-	-	-	107	-	-	-	-
1971	16 621	3 802	12 819	9	-	13 548	219	-	1 674	-
1981	39 576	3 946	35 629	-	-	26 268	1 513	-	167	-
1991	177 842	21 946	155 896	22	9	124 169	853	-	766	-
2001	512 852	4 722	508 129	1 802	3 945	177 049	2 915	4 133	10 605	79 015
2006	1 396 925	4 526	1 392 398	234	240	722 050	10 120	920	12 949	85 156
2007	1 536 117	2 095	1 534 022	1 439	268	801 969	4 038	1 130	10 105	94 301
2008	823 711	3 368	820 343	251	277	238 671	1 053	714	9 182	60 854
2009	479 789	890	478 899	218	60	99 060	123	323	2 443	66 053
2010	381 157	1 289	379 868	408	74	132 100	2 239	1 762	3 579	38 802
2011	495 543	5 153	490 390	3 087	318	146 325	1 683	7	6 476	74 899
2012	555 898	1 166	554 732	74	159	142 368	467	714	4 601	101 782
2013	493 345	897	492 448	295	55	175 558	393	388	3 454	70 261
2014	577 002	1 881	575 121	536	1	234 600	333	398	3 688	78 466
2015	479 685	1 484	478 200	194	-	133 155	285	1 695	1 058	106 918

  

Year	By industry									
	Transportation & storage	Accommodation & food services	Information & communication	Financial & insurance	Real estate	Professional, scientific & technical services	Support services	Human health & social work services	Arts, entertainment and recreation	Others
1952	-	-	-	-	-	-	-	-	-	-
1971	14	52	-	925	-	179	-	-	-	-
1981	3	12	-	755	-	10 860	-	-	-	-
1991	2 997	23 185	-	12 210	-	13 632	-	-	-	-
2001	1 284	10 675	48 452	143 580	8 349	17 052	3 530	-	-	154
2006	3 144	3 666	15 108	479 742	5 359	56 616	975	-	-	384
2007	4 023	118	22 392	503 282	6 221	66 214	1 730	170	82	17 629
2008	5 850	7 068	9 122	437 453	13 515	8 562	3 664	66	-	27 472
2009	3 061	3 243	5 197	223 555	25 146	8 018	1 605	208	-	41 661
2010	2 980	1 147	8 598	151 492	13 606	10 996	4 178	182	73	9 049
2011	1 576	2 783	11 918	182 359	24 327	22 742	1 939	16	-	14 864
2012	5 507	2 818	49 883	207 769	17 515	12 398	4 296	130	-	5 064
2013	12 552	3 203	7 798	130 898	48 846	15 841	19 670	52	3	2 414
2014	7 652	6 193	8 594	157 136	48 927	19 815	7 981	298	8	590
2015	2 065	6 887	15 447	120 671	48 330	31 562	8 874	60	-	432

**Note:** The Standard Industrial Classification is the 8th Amendment.

**Source:** Investment Commission, MOEA

**Table 49. Approved inward and outward investment (continued)**

## II. Approved outward investmen

10 Thousand US\$

Year	Total	Asia							
		Japan	South Korea	Hong Kong	Singapore	Indonesia	Malaysia	Philippines	
1962	49	49	-	-	-	-	-	-	-
1971	121	111	-	-	3	-	4	14	6
1981	1 076	674	-	-	321	74	196	-	-
1991	165 623	92 982	343	10	19 963	1 254	16 034	44 201	132
2001	439 165	81 498	16 903	1 210	9 490	37 830	612	4 552	4 620
2006	431 543	139 062	1 093	1 591	27 202	80 630	880	3 124	1 348
2007	646 998	236 661	1 881	1 101	18 957	119 411	70	6 502	1 325
2008	446 649	204 700	5 211	23 526	33 736	69 763	293	2 781	263
2009	300 555	76 546	10 275	968	24 124	3 670	152	8 354	2 183
2010	282 345	139 136	4 065	335	24 446	3 270	39	37 037	52
2011	369 683	172 392	25 235	2 800	25 435	44 859	114	13 020	6 917
2012	809 864	715 152	108 935	2 106	29 158	449 866	1 720	18 791	1 070
2013	523 227	289 458	17 050	6 099	31 640	15 829	2 847	10 345	5 893
2014	729 368	248 227	68 002	17 115	42 342	13 677	11 667	3 179	4 093
2015	1074 519	466 067	30 379	33 605	49 214	23 003	40 483	10 359	64 428

  

Year	Asia			North America	Europe	Middle-South America	British overseas territories in the Caribbean	Oceania	Africa
	Thailand	Vietnam	India						
1962	49	-	-	-	-	-	-	-	-
1971	84	-	-	10	-	-	-	-	-
1981	7	-	-	165	223	15	-	-	-
1991	8 643	1 714	20	31 204	6 049	34 692	26 787	244	452
2001	1 629	3 091	311	134 173	4 687	211 917	169 337	6 284	607
2006	8 167	12 374	430	48 779	46 380	184 876	182 236	7 373	5 072
2007	71 212	10 928	774	134 638	41 820	181 658	157 847	44 159	8 062
2008	930	63 932	1 625	40 108	13 769	171 516	168 646	15 252	1 305
2009	1 496	24 277	316	111 438	9 954	84 469	54 366	14 390	3 759
2010	868	67 012	362	50 662	5 060	78 418	56 769	8 211	858
2011	1 166	45 774	6 705	73 215	3 925	104 886	80 046	12 207	3 057
2012	6 124	94 400	2 093	15 781	7 149	31 089	17 583	37 036	3 658
2013	7 827	173 648	6 504	41 661	16 890	40 262	23 308	133 268	1 687
2014	8 282	64 650	3 349	28 994	93 630	313 607	308 395	39 456	5 454
2015	77 492	122 752	7 216	36 346	251 136	309 098	289 751	7 103	4 769

Table 50. Indices of consumer price

2011=100

Year	General index	Food	Clothing	Housing	Transportation & communication		
					Equipment for transportation & communication	Fuels & lubricants	
Item	370	171	23	46	31	5	5
Weights (‰)	1000.00	251.94	37.68	271.35	153.36	30.75	35.24
1989	66.87	57.23	95.03	72.44	79.82	120.05	44.50
1991	72.15	59.88	95.34	80.95	86.72	116.86	54.60
1996	86.31	77.08	98.49	95.57	89.56	117.91	51.23
2000	89.82	79.64	93.44	98.17	91.84	112.96	59.81
2001	89.82	78.93	91.84	97.67	92.81	112.31	60.96
2006	93.48	87.43	92.78	96.60	96.01	103.00	82.96
2007	95.16	89.93	95.35	97.54	97.66	102.36	88.02
2008	98.51	97.62	96.29	99.04	99.94	100.93	94.19
2009	97.66	97.19	95.58	98.70	95.94	96.35	84.39
2010	98.60	97.79	97.20	99.15	98.61	99.63	93.19
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	101.93	104.16	102.52	101.13	100.44	100.39	105.78
2013	102.74	105.48	102.33	102.05	100.90	99.64	108.64
2014	103.97	109.42	103.64	102.95	99.71	98.11	105.19
2015	103.65	112.84	103.06	101.78	93.97	98.09	78.90

  

Year	Transportation & communication	Health	Education & entertainment	Education & entertainment		Miscellaneous	General index excluding fruits, vegetables, fish, seafood & energy
	Services and vehicle parts for transportation & communication			Educational expenses	Entertainment expenses		
Item	21	22	49	24	25	28	275
Weights (‰)	87.36	49.24	168.44	97.20	71.24	67.99	874.69
1989	83.59	58.56	55.74	49.37	77.96	65.62	69.86
1991	91.28	62.62	64.81	59.01	83.73	68.99	74.89
1996	99.24	70.51	87.54	84.84	95.87	78.23	88.18
2000	101.08	78.36	98.48	99.01	98.73	82.30	91.85
2001	102.67	79.43	100.57	102.71	97.73	82.46	91.79
2006	100.27	91.31	99.42	102.53	94.77	90.05	93.76
2007	100.94	94.94	100.02	102.62	96.46	91.72	95.13
2008	102.43	96.99	101.33	102.47	99.72	93.25	98.23
2009	101.46	97.57	99.53	101.33	96.97	95.80	98.19
2010	100.93	98.21	99.48	100.13	98.55	98.62	98.76
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	97.85	100.86	100.68	99.78	101.96	102.30	101.00
2013	97.58	102.05	101.01	99.75	102.76	102.69	101.67
2014	97.44	102.65	100.94	99.30	103.20	104.18	102.95
2015	98.07	102.93	100.92	98.99	103.56	104.51	103.76

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan

Table 51. Indices of wholesale price

2011=100

Year	General index	Agriculture, forestry, fishing & animal husbandry products					Quarrying & mineral products
		Farm products	Poultry & livestock products	Forest products	Fishery products		
Item	1,142	130	90	7	2	31	11
Weights (‰)	1000.00	28.46	15.22	6.96	0.33	5.95	68.10
1989	74.40	53.17	54.10	78.03	28.82	42.77	14.69
1991	74.08	48.62	53.23	57.55	29.61	41.21	15.58
1996	79.45	67.04	69.08	82.78	47.28	59.50	17.36
2000	77.32	60.74	62.62	61.27	52.51	60.68	25.97
2001	76.28	58.05	62.92	56.20	55.67	53.97	25.86
2006	88.96	68.56	72.47	70.73	87.51	60.28	59.96
2007	94.72	74.88	82.41	75.79	101.35	60.44	67.86
2008	99.59	90.87	96.80	94.83	97.64	76.96	89.94
2009	90.90	84.86	84.72	91.65	87.11	79.35	67.11
2010	95.86	89.29	89.31	93.84	99.72	85.04	79.42
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.84	100.94	101.36	94.23	93.54	106.14	101.03
2013	96.44	95.43	95.02	96.57	101.11	95.51	96.92
2014	95.89	100.00	95.20	110.89	108.62	100.06	90.49
2015	87.41	98.35	94.21	107.55	107.33	98.61	57.26

  

Year	Manufacturing products	Manufacturing products						
		Foods	Beverages	Tobaccos	Textile products	Wearing apparel & clothing accessories	Leather, fur & related products	Wood & bamboo products
Item	993	62	16	2	42	11	10	8
Weights (‰)	876.63	23.64	5.11	2.24	18.30	3.47	3.83	1.79
1989	83.59	61.78	78.41	54.29	67.24	83.04	60.33	54.81
1991	83.61	60.28	77.40	54.28	73.60	85.89	68.83	58.43
1996	88.21	73.91	76.15	54.76	76.11	97.20	72.26	72.00
2000	84.90	62.84	76.73	56.58	77.47	108.20	78.74	75.56
2001	83.84	64.87	78.13	56.58	77.58	110.07	86.29	78.95
2006	93.83	74.88	96.88	82.46	80.11	98.80	89.11	86.71
2007	99.28	81.60	97.16	84.88	83.22	99.10	93.68	91.51
2008	101.38	90.57	98.90	84.51	85.00	95.85	93.35	94.99
2009	93.48	88.39	99.91	91.93	85.77	99.04	92.88	92.27
2010	97.76	94.34	99.68	97.01	90.73	96.73	98.08	99.28
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.24	100.66	103.10	108.10	98.01	105.26	103.59	100.51
2013	95.86	101.15	103.96	111.29	97.31	106.22	107.83	105.24
2014	95.38	102.69	103.41	117.75	97.54	109.40	116.56	108.82
2015	88.78	99.57	101.72	120.41	96.50	115.06	115.13	108.95

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan



**Table 51. Indices of wholesale price (continued)**

2011=100

Year	Manufacturing products							
	Pulp, paper, paper products & printed matter	Petroleum & coal products	Chemical material	Chemical products & medical	Rubber & plastic products	Non-metallic mineral products	Basic metals	Fabricated metal products
Item	34	19	154	73	41	28	87	74
Weights (%)	13.84	63.88	117.65	28.96	23.42	19.84	80.93	39.13
1989	74.50	27.45	47.22	77.88	70.65	84.10	43.70	62.99
1991	75.31	32.34	46.59	80.06	69.29	86.13	40.75	62.90
1996	84.83	30.13	48.70	83.72	76.40	89.82	40.60	65.35
2000	87.55	40.09	49.35	89.63	77.06	83.88	39.21	65.19
2001	79.44	40.29	46.47	90.69	76.87	83.40	37.53	66.20
2006	83.10	70.51	78.52	89.41	85.23	96.30	80.48	88.56
2007	88.18	79.11	86.60	91.87	88.16	101.72	98.08	97.83
2008	96.43	95.27	90.63	96.08	93.77	108.96	108.38	105.26
2009	88.59	71.36	74.04	98.38	96.06	108.00	79.13	94.23
2010	100.32	84.32	89.30	97.43	97.29	102.96	95.62	98.59
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	95.24	105.24	93.62	98.53	100.21	97.80	90.24	96.18
2013	93.73	103.62	92.71	93.85	97.34	89.53	83.81	94.67
2014	93.95	99.79	90.43	94.48	96.26	87.87	83.63	96.15
2015	94.28	65.23	73.45	93.05	95.19	82.98	71.83	93.85

  

Year	Manufacturing products							Water supply, electricity & gas
	Electronic parts & components	Computers, electronic & optical products	Electrical equipment	Machinery & equipment	Transport equipment & parts	Furniture & fixtures	Miscellaneous products	
Item	63	51	56	93	40	9	20	8
Weights (%)	227.68	67.69	27.16	60.18	36.02	3.96	7.95	26.82
1989	269.66	...	...	77.70	81.08	66.36	63.92	70.51
1991	271.08	256.56	79.81	79.77	82.32	67.19	69.61	70.58
1996	260.39	248.73	82.37	86.12	90.50	75.82	83.85	70.41
2000	202.54	186.40	75.05	89.56	93.40	80.76	88.01	72.28
2001	188.87	183.84	76.04	90.15	92.97	84.37	89.83	72.38
2006	134.86	131.50	90.39	89.15	91.37	92.49	93.38	77.83
2007	128.96	126.38	95.11	90.63	92.54	94.13	95.27	81.37
2008	114.34	115.05	96.45	94.25	94.94	98.83	94.53	88.31
2009	113.00	114.68	92.93	99.97	99.00	100.79	96.64	96.15
2010	107.81	106.20	97.85	98.76	98.63	98.98	96.80	99.17
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	99.81	100.06	98.87	101.26	101.14	102.13	101.25	106.73
2013	98.50	96.04	96.70	96.39	100.29	102.27	104.52	114.20
2014	99.76	91.21	96.54	96.11	100.61	104.74	106.47	120.97
2015	99.89	87.50	95.40	95.13	100.60	108.76	107.92	106.44



# EXTERNAL TRADE

Table 52. Export orders by products

Million US\$

Year	Total	Animals, vegetable products	Prepared food- stuffs; beverages and tobacco products	Chemicals	Plastics and articles thereof; rubber and articles thereof	Leather and articles thereof	Wood, articles of wood and manu- factures	Textile products	Footwear, headgear, umbrellas; articles of human hair; artificial flowers	Articles of stone, plaster, cement; ceramic, glass and articles thereof
1981	23 040	1 088	695	299	1 017	823	948	4 882	1 968	394
1986	41 141	1 975	658	617	2 222	1 275	987	7 528	3 703	741
1991	74 953	2 767	902	1 521	5 041	1 170	858	12 164	4 462	1 109
1996	118 955	3 254	520	3 698	7 562	1 308	748	15 016	2 730	1 124
2001	135 715	1 357	410	4 899	8 070	1 014	433	13 177	1 558	955
2006	299 312	1 615	536	13 276	16 145	1 047	387	12 895	643	1 465
2007	345 809	1 578	622	16 220	19 072	1 154	354	12 696	629	1 486
2008	351 728	1 704	786	18 825	19 957	1 151	325	11 694	652	1 517
2009	322 432	1 614	790	15 431	18 197	979	235	9 793	464	1 514
2010	406 714	1 784	917	21 780	23 636	1 169	233	11 504	712	1 888
2011	436 121	2 274	1 185	24 603	25 485	1 123	256	13 418	784	2 489
2012	441 004	2 164	1 448	23 258	24 893	1 083	304	13 069	670	2 779
2013	442 929	2 594	1 627	22 913	23 980	1 104	284	13 043	647	2 606
2014	472 814	2 624	1 527	22 785	23 765	1 184	277	13 167	664	2 497
2015	451 814	2 203	1 503	20 043	20 589	1 076	220	12 672	686	2 204

  

Year	Basic metals and articles thereof	Electronic products	Machin- eries	Electrical machinery products	Infor- mation & communi- cation products	House- hold electrical appli- ances	Transport equip- ments	Precision instru- ments, clocks and watches, musical instru- ments	Furniture	Toys, games and sports requisites	Mineral products & others
1981	1 574	3 010	1 088	439	163	299	856	554	418	1 367	1 158
1986	2 880	4 032	1 975	1 029	2 469	741	1 769	864	1 275	2 469	1 934
1991	5 729	7 787	6 068	2 510	5 860	1 230	4 349	1 983	1 767	2 717	4 961
1996	9 793	17 001	7 871	4 133	18 150	1 221	5 583	2 374	2 115	2 653	12 102
2001	12 505	26 123	8 021	5 065	24 251	946	4 458	3 639	2 121	2 620	14 094
2006	24 564	68 821	13 967	17 157	61 735	962	8 545	20 645	1 574	2 665	30 668
2007	28 389	79 466	15 728	17 956	74 950	907	10 255	27 921	1 744	2 445	32 239
2008	28 110	82 094	14 648	16 926	79 855	870	9 333	28 485	1 746	2 679	30 372
2009	21 226	78 205	10 485	16 768	79 323	617	7 076	28 187	1 312	2 243	27 974
2010	27 137	99 345	16 122	20 811	100 588	588	8 976	36 699	1 586	2 756	28 484
2011	30 652	101 908	20 849	17 892	109 029	624	10 658	36 718	1 625	3 104	31 447
2012	28 701	103 346	20 645	17 568	110 563	514	11 442	37 012	1 720	3 818	36 007
2013	27 435	106 007	20 079	16 218	116 191	425	11 928	34 437	1 750	3 675	35 987
2014	28 515	118 682	22 418	16 434	127 083	388	12 218	32 274	1 893	3 604	40 816
2015	24 136	115 652	20 647	15 591	133 234	390	11 647	27 001	1 818	3 477	37 024

Source: Ministry of Economic Affairs

**Table 53. Value of external trade**

Million

Year	In N. T. dollars			In U. S. dollars		
	Total exports	Total imports	Trade balance	Total exports	Total imports	Trade balance
2001	4 270 700	3 693 318	577 382	126 612	109 588	17 024
2002	4 692 990	3 977 450	715 540	135 774	115 116	20 659
2003	5 206 099	4 480 623	725 476	151 345	130 249	21 096
2004	6 148 896	5 741 852	407 044	183 643	171 554	12 089
2005	6 427 175	5 958 755	468 420	199 761	185 438	14 323
2006	7 351 935	6 715 964	635 972	225 904	206 442	19 462
2007	8 169 680	7 327 740	841 940	248 792	223 115	25 677
2008	8 099 233	7 665 053	434 180	258 051	244 467	13 585
2009	6 784 756	5 855 213	929 543	205 663	177 598	28 065
2010	8 777 894	8 090 249	687 645	278 008	256 274	21 734
2011	9 194 198	8 460 721	733 478	312 923	288 062	24 861
2012	9 069 839	8 211 047	858 792	306 409	277 324	29 085
2013	9 235 715	8 242 848	992 867	311 428	278 010	33 418
2014	9 683 403	8 524 959	1 158 444	320 092	281 850	38 242
2015	9 042 128	7 514 576	1 527 553	285 344	237 219	48 124

**Note:** 1. The trade statistics has been adapted to general trade system since CY 2016. Under the general trade system, the time of recording should be the time when goods enter or leave the economic territory of the compiling country.

2. In accordance with the applying of general trade system, the principal commodity classification was revised and historical data were revised to CY 2001.

**Source:** Ministry of Finance

**Table 54. Trade index**

Reference year: 2011

Year	Value index		Quantum index		Unit value index		Net terms of trade (D)=(B)/(c)*100	Income terms of trade (E)=(A)*(D)/100
	Exports	Imports	Exports (A)	Imports	Exports (B)	Imports (c)		
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.65	97.05	99.97	97.71	98.68	99.32	99.36	99.32
2013	100.45	97.42	104.26	102.20	96.35	95.33	101.07	105.38
2014	105.32	100.76	108.83	107.57	96.78	93.67	103.32	112.44
2015	98.35	88.82	107.03	110.46	91.89	80.41	114.28	122.31

**Note:** In accordance with the applying of general trade system, the principal commodity classification was revised and historical data were revised to CY 2011.**Source:** Ministry of Finance

**Table 55. Composition of exports and imports**

## I . Imports

Million US\$

Year	Total	By the characteristic of goods				By input factor intension			
		Capital goods	Agricultural & industrial raw materials	Consumer goods	Others	Degree of labor intension			
						High	Mid	Low	
2001	109 588	25 606	71 580	10 907	1 494	36 561	40 160	32 867	
2002	115 116	24 720	77 461	11 140	1 795	36 276	43 918	34 922	
2003	130 249	24 676	91 829	12 309	1 434	42 273	47 972	40 003	
2004	171 554	34 605	121 030	14 423	1 496	58 309	59 216	54 030	
2005	185 438	33 374	133 774	16 578	1 712	60 602	63 543	61 293	
2006	206 442	33 204	155 001	16 831	1 406	63 274	71 574	71 594	
2007	223 115	34 250	169 573	17 858	1 435	66 863	74 149	82 104	
2008	244 467	31 060	192 953	18 912	1 541	65 567	72 818	106 081	
2009	177 598	23 750	134 900	17 293	1 654	52 678	59 839	65 081	
2010	256 274	39 189	193 288	21 676	2 121	79 152	82 838	94 284	
2011	288 062	37 498	222 402	25 750	2 413	82 871	90 601	114 591	
2012	277 324	34 975	213 170	27 018	2 161	77 446	83 866	116 012	
2013	278 010	36 851	209 606	28 393	3 160	78 462	85 305	114 243	
2014	281 850	38 549	208 402	30 794	4 104	80 744	90 864	110 242	
2015	237 219	38 123	162 899	31 648	4 549	76 880	85 540	74 799	
Year	By input factor intension								
	Degree of capital intension			Degree of technique intension			Degree of energy intension		
	High	Mid	Low	High	Mid	Low	High	Mid	Low
2001	49 324	52 028	8 235	50 298	51 601	7 689	27 438	38 655	43 495
2002	52 883	53 471	8 761	53 607	53 587	7 923	29 326	42 308	43 482
2003	63 549	57 129	9 570	58 432	63 181	8 635	36 424	46 651	47 173
2004	83 914	74 513	13 126	71 863	89 597	10 093	51 947	58 196	61 411
2005	94 393	76 757	14 287	75 930	99 009	10 499	60 539	62 695	62 204
2006	108 585	80 819	17 038	83 380	112 447	10 616	71 211	73 003	62 227
2007	118 713	85 660	18 742	87 622	123 850	11 644	82 249	76 310	64 556
2008	136 798	86 601	21 068	88 488	143 184	12 795	106 518	75 956	61 992
2009	93 476	69 118	15 004	71 024	97 001	9 573	65 896	62 044	49 658
2010	135 010	101 032	20 232	100 442	143 524	12 308	95 913	85 912	74 449
2011	154 460	110 088	23 514	112 466	160 834	14 761	115 963	93 043	79 056
2012	152 042	103 082	22 200	105 091	157 820	14 413	117 035	85 482	74 807
2013	152 674	104 366	20 970	106 952	157 038	14 020	114 701	86 421	76 888
2014	152 765	106 425	22 660	111 606	155 518	14 726	110 374	91 231	80 245
2015	116 337	100 119	20 763	97 863	125 735	13 621	73 751	85 597	77 871

Source: Ministry of Finance

Table 55. Composition of exports and imports (continued)

## II. Exports

Million US\$

Year	Total	By the characteristic of goods					Non-heavy industries		
		Agricultural products	Processed agricultural products	Industrial products	Degree of labor intension		High	Mid	Low
					Heavy industries	Non-heavy industries			
2001	126 612	311	1 612	124 689	90 494	34 195	41 298	54 543	30 771
2002	135 774	361	1 627	133 787	99 871	33 916	45 175	57 840	32 760
2003	151 345	388	1 697	149 261	114 873	34 387	51 653	65 537	34 155
2004	183 643	392	2 005	181 245	143 166	38 079	63 276	79 845	40 522
2005	199 761	379	2 042	197 339	158 043	39 296	68 633	85 932	45 196
2006	225 904	349	1 798	223 758	182 940	40 818	76 724	99 026	50 153
2007	248 792	410	1 819	246 563	203 420	43 143	85 497	103 314	59 981
2008	258 051	502	2 158	255 392	210 847	44 545	88 642	102 959	66 451
2009	205 663	495	1 779	203 388	167 149	36 239	67 517	89 784	48 362
2010	278 008	746	2 101	275 161	228 413	46 747	93 609	120 619	63 780
2011	312 923	906	2 611	309 406	256 102	53 304	100 637	136 476	75 810
2012	306 409	883	3 046	302 481	248 663	53 818	100 151	131 040	75 218
2013	311 428	876	3 147	307 405	253 447	53 958	99 521	133 975	77 932
2014	320 092	906	3 287	315 899	259 688	56 212	102 337	142 969	74 785
2015	285 344	857	3 039	281 448	227 760	53 687	91 602	137 494	56 247
Year	By input factor intension								
	Degree of capital intension			Degree of technique intension			Degree of energy intension		
	High	Mid	Low	High	Mid	Low	High	Mid	Low
2001	42 207	76 683	7 723	61 159	47 614	17 839	22 345	52 339	51 928
2002	49 648	78 648	7 479	67 164	51 133	17 478	24 586	54 086	57 102
2003	63 297	80 324	7 724	75 853	58 263	17 229	29 104	59 426	62 815
2004	87 207	88 513	7 922	93 137	72 038	18 468	38 228	71 551	73 864
2005	103 480	88 509	7 772	100 134	81 653	17 973	46 183	76 203	77 375
2006	126 639	91 256	8 009	117 511	90 036	18 358	51 335	91 034	83 535
2007	145 512	94 949	8 331	127 756	102 213	18 824	62 607	94 737	91 449
2008	151 817	97 471	8 764	128 057	111 878	18 116	70 319	93 096	94 637
2009	119 352	79 083	7 227	106 608	84 668	14 386	52 087	80 720	72 855
2010	162 779	106 304	8 925	147 910	112 300	17 799	68 265	106 682	103 061
2011	178 363	124 288	10 272	161 230	131 913	19 780	80 344	119 744	112 835
2012	176 267	119 385	10 757	153 392	134 023	18 994	80 251	119 620	106 539
2013	185 240	115 739	10 449	158 159	134 443	18 826	82 635	123 432	105 361
2014	189 878	118 934	11 280	166 603	134 229	19 260	79 656	134 189	106 247
2015	158 964	115 087	11 293	152 050	114 985	18 308	59 530	127 701	98 112



Table 56. External trade by regions and principal countries

Million US\$

Year	Total		Asia (1)		Hong Kong		Japan		Korea
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
2001	126 612	109 588	69 738	64 791	28 789	1 863	13 033	26 105	3 379
2002	135 774	115 116	80 890	70 581	33 049	1 753	12 395	27 610	3 978
2003	151 345	130 249	94 457	84 359	30 982	1 740	12 479	33 102	4 741
2004	183 643	171 554	119 922	111 642	33 068	2 110	13 953	44 324	5 689
2005	199 761	185 438	134 353	124 635	34 220	1 901	15 249	46 685	5 945
2006	225 904	206 442	152 826	142 945	37 669	1 695	16 509	46 849	7 253
2007	248 792	223 115	171 616	151 010	38 274	1 635	16 167	46 710	7 939
2008	258 051	244 467	177 145	165 937	33 055	1 353	17 857	47 088	8 815
2009	205 663	177 598	146 229	122 746	29 797	1 048	14 632	36 751	7 445
2010	278 008	256 274	199 825	176 896	38 270	1 567	18 645	52 910	10 902
2011	312 923	288 062	224 286	196 989	40 726	1 586	19 242	53 149	12 630
2012	306 409	277 324	223 068	192 929	38 495	2 585	19 624	48 342	12 137
2013	311 428	278 010	229 500	191 837	41 183	1 585	19 391	43 690	12 223
2014	320 092	281 850	235 896	194 138	43 795	1 735	20 142	41 984	12 988
2015	285 344	237 219	208 677	160 261	39 130	1 468	19 592	38 865	12 879
Year	Asia (1)							Europe	
	Korea	Singapore		Malaysia		Thailand			
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
2001	6 763	4 236	3 386	3 141	4 237	2 210	2 199	19 989	15 168
2002	7 785	4 648	3 566	3 224	4 181	2 384	2 194	18 808	14 851
2003	8 795	5 318	3 891	3 187	4 789	2 659	2 396	20 765	16 459
2004	11 769	6 813	4 330	4 245	5 467	3 364	2 812	23 820	21 520
2005	13 357	8 107	4 982	4 310	5 258	3 872	2 916	23 642	22 142
2006	15 095	9 379	5 119	4 979	6 118	4 633	3 355	26 151	21 918
2007	15 165	10 613	4 778	5 421	6 321	5 262	3 630	28 751	23 996
2008	13 190	11 783	4 860	5 548	6 917	4 975	3 262	30 024	24 982
2009	10 558	8 699	4 814	4 082	4 701	3 873	2 701	22 726	19 776
2010	16 224	12 198	7 675	5 975	7 861	5 355	3 840	29 546	26 934
2011	18 186	16 980	8 022	6 924	8 793	6 230	4 405	31 427	30 775
2012	15 305	20 206	8 172	6 600	7 981	6 665	3 709	28 897	29 507
2013	16 163	19 609	8 606	8 243	8 255	6 432	3 793	27 906	31 012
2014	15 289	20 702	8 436	8 671	8 961	6 195	4 410	29 122	32 045
2015	13 450	17 407	7 171	7 197	6 733	5 770	4 043	25 964	28 499

Note: (1) Including Middle East

Source: Ministry of Finance

**Table 56. External trade by regions and principal countries (continued)**

Million US\$

Year	Europe						North America, Central America and South America		U.S.A.
	Germany		Netherlands		United Kingdom		Exports	Imports	
	Exports	Imports	Exports	Imports	Exports	Imports			Exports
2001	4 531	4 309	4 256	1 533	3 372	1 481	32 945	21 650	28 128
2002	3 884	4 500	3 837	1 448	2 983	1 401	31 850	21 901	27 375
2003	4 284	5 068	4 221	1 306	2 930	1 468	30 953	21 316	26 577
2004	4 612	5 975	4 810	2 198	3 427	1 792	33 882	27 463	28 815
2005	4 470	6 304	4 399	2 056	3 260	1 757	34 831	26 855	29 165
2006	5 022	6 299	4 419	2 334	3 509	1 857	38 897	29 587	32 475
2007	5 195	7 208	4 426	2 769	3 622	1 995	39 602	34 455	32 165
2008	5 759	7 738	4 588	2 348	3 638	1 941	40 047	35 951	30 981
2009	4 727	5 745	4 246	1 868	3 022	1 291	29 605	24 376	23 707
2010	6 551	8 603	5 305	3 255	3 670	1 808	39 634	35 392	31 675
2011	6 940	9 884	4 645	2 963	4 646	2 118	46 151	37 595	36 558
2012	5 697	8 122	4 438	3 616	5 076	2 069	42 665	34 920	33 224
2013	5 671	8 497	4 498	4 669	4 330	1 923	41 692	37 760	32 630
2014	6 222	9 634	5 090	3 192	4 247	1 983	44 169	38 776	35 114
2015	6 007	8 764	4 183	2 808	3 905	1 992	42 875	36 536	34 543

  

Year	U.S.A.	Oceania			Africa		Others		
		Imports	Exports	Imports	Exports	Imports	Exports	Imports	
	2001	19 091	1 746	3 545	1 378	3 092	1 191	2 667	1 003
2002	19 024	1 954	3 287	1 605	2 840	1 186	2 139	1 087	2 356
2003	17 795	2 473	3 242	1 905	2 736	1 385	2 718	1 312	2 155
2004	22 619	2 906	4 060	2 292	3 434	1 550	4 143	1 563	2 726
2005	21 886	3 040	5 402	2 410	4 735	1 668	3 618	2 228	2 786
2006	23 839	3 395	6 124	2 747	5 364	2 096	5 548	2 540	320
2007	27 642	4 053	7 144	3 301	6 164	2 158	6 182	2 612	329
2008	27 593	4 531	9 209	3 633	8 350	2 889	8 005	3 417	382
2009	19 201	2 944	6 590	2 430	6 008	2 255	3 832	1 904	277
2010	26 799	4 046	9 914	3 237	9 036	2 251	7 016	2 705	121
2011	27 767	4 597	11 991	3 744	10 991	2 968	10 600	3 494	113
2012	25 701	4 801	10 375	3 756	9 462	3 647	9 485	3 333	108
2013	28 410	5 027	9 051	3 834	8 106	3 385	8 257	3 918	93
2014	30 036	4 669	9 434	3 696	7 586	2 831	7 387	3 405	70
2015	29 196	4 262	8 469	3 440	6 858	2 453	3 379	1 113	75

# **AGRICULTURE, FORESTRY AND FISHING**

Table 57. Indices of agricultural, forestry and fishery production

2011=100

Year	General index	Crop products									
		Group index	Common crops			Special crops	Fruits	Vegetables	Mushrooms	Flowers	
			Sub-group index	Rice	Coarse grain						
No. of commodities	182	95	9	1	8	7	26	40	2	11	
1950	20.56	54.33	123.80	114.18	211.09	95.15	5.53	26.06	-	-	
1971	61.33	106.73	197.60	175.40	391.30	160.98	39.45	79.50	796.35	-	
1981	86.54	114.30	177.10	180.45	178.08	163.22	63.96	116.84	928.45	11.95	
1991	110.13	110.76	146.33	138.47	206.68	157.11	87.71	102.66	223.01	49.08	
2001	109.38	101.03	102.05	103.21	96.87	141.07	88.20	106.04	104.47	85.24	
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	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	
2015	94.89	93.97	97.58	94.89	109.38	89.85	91.81	91.63	109.25	101.23	
Year	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 & inland water fisheries	Aquaculture fisheries
No. of commodities	13	5	8	13	1	12	61	12	21	17	11
1950	413.58	1 150.53	170.55	4.90	5.40	3.99	6.73	1.12	23.75	47.30	8.21
1971	2 071.93	12 101.45	214.98	25.80	38.17	14.01	58.35	41.32	258.19	101.93	27.88
1981	1 141.66	5 414.28	303.83	52.98	69.68	34.96	97.64	49.91	369.78	138.17	85.47
1991	362.26	573.81	288.95	99.53	130.38	65.60	132.61	108.49	241.23	145.91	123.46
2001	162.04	114.68	167.89	107.58	111.23	104.54	132.28	138.42	162.69	171.65	109.01
2006	171.14	263.99	137.27	102.85	107.61	98.94	119.83	117.79	123.29	187.76	113.13
2007	117.27	112.06	119.18	100.35	105.67	95.97	126.71	130.82	107.21	182.33	120.09
2008	108.49	120.70	104.05	95.87	99.66	92.76	109.47	101.87	97.28	161.89	117.29
2009	110.29	105.99	111.86	95.50	99.12	92.52	99.65	95.51	101.12	154.86	98.04
2010	101.28	77.11	110.12	96.78	97.76	95.97	101.43	100.24	86.34	119.56	105.51
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	103.60	146.52	91.27	98.58	101.48	95.97	102.68	106.35	95.56	116.21	99.46
2013	112.58	180.19	93.17	96.66	98.87	94.67	101.39	101.48	87.84	104.59	105.19
2014	96.59	235.49	56.71	96.77	94.27	99.03	101.28	101.84	93.65	109.78	102.25
2015	58.54	142.32	34.48	96.22	96.23	96.21	95.55	97.68	80.91	98.12	97.39

**Note:** Data do not include Kinmen County and Lienchiang County before 2009.**Source:** Council of Agriculture, Executive Yuan

**Table 58. Farm households and population**

Households, Persons

End of Year	Farm households					Farm households population
	Cultivated land all self-owned	Cultivated land self-owned 50% & over	Cultivated land all non-self-owned	Without cultivated land		
1981	847 997	688 718	-	62 683	26 433	5 101 340
1986	769 366	636 745	48 523	41 020	7 781	4 291 641
1991	824 256	666 459	50 944	49 488	8 736	4 206 139
1996	779 427	664 063	35 754	39 459	5 577	3 716 326
2001	745 812	611 382	43 612	39 674	4 782	3 782 682
2005	767 316	671 740	26 371	39 074	3 985	3 417 572
2006	756 366	655 830	28 024	36 412	3 913	3 232 592
2007	751 338	648 813	36 192	23 835	3 901	3 050 483
2008	748 276	644 901	34 036	28 668	3 930	3 027 627
2009	744 147	631 880	37 733	27 977	3 931	2 983 560
2010	776 724	673 944	26 533	42 754	5 393	2 975 523
2011	777 473	670 143	29 862	39 653	5 399	2 944 336
2012	779 375	664 571	34 121	27 736	4 754	2 928 875
2013	780 307	667 168	33 741	30 350	3 978	2 988 973
2014	784 490	657 800	38 978	35 463	3 150	3 014 907

**Note:** 1. Data do not include Kinmen County and Lienchiang County.

2. The figures in 1995, 2000, 2005 and 2010 came from the Agricultural, Forestry, Fishery and Husbandry Census by DGBAS, Executive Yuan.

**Source:** 1. Agriculture and Food Agency, COA, Executive Yuan

2. Directorate-General of Budget, Accounting and Statistics, Executive Yuan

Table 59. Quantity and value of major farm products

MTs, Thousand NT\$

Year	Paddy rice		Betel nuts		Pineapples		Mangos	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1946	1 173 105	28 040 289	...	...	17 625	98 876	2 017	16 768
1971	2 913 559	12 894 373	10 075	78 835	358 529	449 241	43 467	152 931
1981	3 004 808	46 369 380	24 358	694 461	181 039	940 726	152 062	1 530 763
1991	2 311 638	38 738 610	111 090	8 887 200	241 477	2 897 724	144 730	2 749 870
2001	1 723 895	32 828 360	165 076	13 206 057	388 691	5 052 978	212 875	4 640 673
2006	1 558 048	29 379 921	141 563	9 838 625	491 588	8 356 999	191 332	6 400 061
2007	1 363 458	26 091 341	134 497	8 599 766	476 811	6 675 357	215 292	6 792 447
2008	1 457 175	31 362 747	144 195	8 651 698	452 060	6 498 808	176 716	6 626 867
2009	1 578 169	33 775 015	142 636	8 387 007	434 769	6 238 070	140 290	5 064 466
2010	1 451 011	30 355 766	131 737	8 288 370	420 172	7 042 078	135 293	5 032 899
2011	1 666 273	38 145 866	129 316	8 082 247	401 367	6 742 965	169 380	6 478 771
2012	1 700 229	39 746 469	124 091	8 065 946	392 211	7 220 603	167 247	7 016 029
2013	1 589 564	36 983 554	124 054	8 435 695	413 465	8 008 823	215 168	9 181 220
2014	1 732 210	41 479 191	121 435	10 686 248	456 243	9 143 108	152 932	7 620 614
2015	1 581 732	37 419 791	113 182	10 186 357	493 998	10 215 886	166 260	6 974 608
Year	Watermelons		Sugar-cane (Refined)		Tea		Pears	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1946	6 202	20 527	1 006 526	112 399	2 919	135 915	...	...
1971	277 519	588 331	7 881 040	2 127 880	26 984	577 918	35 181	279 525
1981	307 786	1 736 409	8 422 015	7 234 511	25 223	1 566 285	118 199	1 733 946
1991	350 038	3 675 399	4 536 231	5 761 013	21 380	1 817 300	127 495	2 677 395
2001	330 082	4 291 062	2 180 288	2 579 280	19 837	3 570 596	100 565	3 318 648
2006	236 322	2 481 386	651 041	576 237	19 345	4 352 679	126 628	4 033 099
2007	220 773	2 649 278	720 874	554 713	17 502	4 499 869	150 429	4 700 904
2008	203 275	2 540 941	707 102	546 763	17 384	4 844 785	138 381	4 822 569
2009	217 619	2 437 337	613 228	585 018	16 780	4 906 438	153 450	5 079 179
2010	225 925	2 485 170	665 359	794 306	17 467	6 410 527	174 858	6 120 022
2011	246 643	2 843 300	653 952	839 674	17 310	6 894 424	150 013	5 760 495
2012	243 067	3 159 871	548 455	630 723	14 902	6 735 506	137 911	5 981 216
2013	212 690	2 764 964	505 526	530 802	14 718	6 917 312	109 105	4 797 348
2014	211 330	3 090 485	502 706	519 798	15 200	7 523 876	134 549	6 723 438
2015	217 466	2 763 563	618 264	635 575	14 405	6 827 835	127 016	5 973 577

**Note:** Data do not include Kinmen County and Lienchiang County before 2009.**Source:** Agriculture and Food Agency, COA, Executive Yuan

**Table 59. Quantity and value of major farm products (continued)**

M.T., Thousand NT\$

Year	Peanuts		Bamboo shoot		Grapes		Japanese apricot	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1946	37 379	487 120	...	...	26	748	...	...
1971	97 579	744 899	56 123	178 764	20 227	177 768	14 688	49 651
1981	81 713	2 544 726	252 714	1 948 537	69 818	1 122 966	74 492	640 737
1991	83 816	3 520 272	382 933	2 871 998	113 610	2 726 640	61 705	1 851 150
2001	56 087	2 366 889	322 959	3 520 248	85 018	2 380 484	55 956	2 042 405
2006	71 561	3 324 721	313 356	4 230 301	102 291	3 833 885	48 001	904 343
2007	51 885	2 101 358	291 709	5 950 859	90 081	3 738 353	37 834	818 730
2008	55 075	2 464 073	255 046	6 223 127	84 656	3 809 507	35 812	799 320
2009	56 941	2 762 760	251 994	6 904 640	98 091	4 311 093	46 890	761 501
2010	65 036	3 467 744	292 209	7 725 999	102 831	4 414 535	49 695	873 141
2011	68 231	3 159 771	294 938	7 992 818	107 280	4 655 962	42 010	861 615
2012	56 845	2 491 497	278 903	7 471 248	99 967	4 575 507	31 880	556 941
2013	46 809	2 662 031	267 092	7 155 400	97 256	4 891 954	30 706	666 317
2014	68 513	4 454 733	277 201	7 280 672	82 199	5 450 649	34 709	690 355
2015	62 083	3 481 015	247 449	6 700 685	85 435	5 115 837	32 473	764 033

  

Year	Bananas		Cabbage		Shiitake		Garlic bulbs	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1946	53 412	332 317	26 728	137 414	...	...	...	...
1971	470 595	1 122 131	200 234	265 099	...	...	16 629	71 815
1981	185 309	1 214 736	207 852	1 287 597	...	...	47 926	432 251
1991	196 663	2 163 293	153 811	1 153 582	3 682	2 651 040	42 962	1 288 860
2001	204 724	2 456 687	349 719	2 378 087	4 866	2 967 977	54 103	1 839 499
2006	214 277	3 749 844	355 072	3 082 021	4 643	2 716 432	43 843	1 972 940
2007	241 729	3 299 602	318 717	3 489 946	4 184	2 911 670	43 840	2 126 233
2008	207 702	4 536 205	348 818	3 374 816	4 233	3 386 104	54 508	2 111 081
2009	172 550	4 400 020	346 297	3 289 823	4 012	3 249 695	49 600	2 231 998
2010	287 895	3 978 714	329 149	3 097 297	4 540	3 845 349	44 916	3 144 130
2011	305 740	4 601 381	367 307	3 460 109	4 716	4 462 406	63 939	2 367 004
2012	295 265	5 642 506	341 279	5 155 979	5 334	5 259 521	46 759	2 524 988
2013	291 292	6 522 039	354 390	5 400 896	5 187	5 969 756	43 894	2 459 814
2014	299 900	7 251 579	376 417	4 806 844	5 025	6 437 167	59 496	1 887 168
2015	274 066	7 512 153	361 317	5 889 471	5 119	6 249 222	49 716	2 357 465

**Table 60. Consumption and production of chemical fertilizers, and agricultural chemicals**

MTs, Thousand NT\$

Year	Consumption of chemical fertilizers		Production of chemical fertilizers		Consumption of agricultural chemicals	
	Quantity	Value	Quantity	Value	Quantity (1)	Value (Million NT\$)
1946	43 178	...	...	...	...	...
1971	839 968	2 113 122	...	...	...	...
1981	1 335 889	6 719 290	1 502 424	6 953 486	...	...
1991	1 409 426	7 534 122	1 525 692	6 997 392	...	...
2001	1 294 910	6 019 850	1 381 364	5 100 741	8 476	5 169
2006	1 159 310	7 928 974	1 443 570	7 352 895	9 014	4 784
2007	1 137 444	8 027 921	1 416 520	8 049 867	9 492	5 324
2008	1 013 714	11 587 133	1 426 451	14 630 661	8 782	5 795
2009	1 042 231	12 252 938	1 326 038	11 496 717	8 589	6 932
2010	1 030 819	8 875 676	1 352 858	9 711 934	7 851	8 852
2011	1 008 025	10 983 937	1 463 569	12 646 880	8 254	5 774
2012	1 010 722	12 174 233	1 417 442	13 800 171	9 396	6 760
2013	999 908	11 081 692	1 467 269	13 231 980	9 632	6 664
2014	972 277	9 453 794	1 342 107	10 420 609	8 619	6 943
2015	959 623	9 798 378	1 195 553	10 700 169	9 595	7 692

**Note:** (1) The quantity is statistics on effective composition of agricultural chemicals.

**Source:** Bureau of Animal and Plant Health Inspection and Quarantine, COA, Executive Yuan



**Table 61. Quantity and value of forestry production**

M<sup>3</sup>, Thousand NT\$

Year	Grand total value	Main-products						
		Total value	Saw-timber					
			Sub-total		Conifers		Hardwoods	
			Quantity	Value	Quantity	Value	Quantity	Value
1971	3 170 917	3 073 822	1 217 791	2 705 524	693 600	2 127 304	524 191	578 220
1981	4 643 007	3 908 752	529 684	3 667 667	331 754	2 930 070	197 931	737 597
1991	1 305 620	464 821	74 190	376 179	49 752	308 193	24 438	67 986
2001	597 494	111 693	26 401	96 031	13 919	60 586	12 482	35 444
2006	518 773	232 212	26 979	213 967	16 135	183 265	10 844	30 702
2007	492 622	110 971	26 441	90 830	20 880	75 147	5 562	15 684
2008	445 114	129 592	25 135	100 653	20 297	87 010	4 838	13 643
2009	416 165	117 069	25 176	86 923	18 947	70 974	6 229	15 949
2010	390 062	88 363	19 131	61 174	10 598	40 547	8 533	20 627
2011	388 278	103 557	23 273	86 621	17 652	72 772	5 620	13 850
2012	374 936	147 614	24 898	129 043	21 341	118 634	3 557	10 409
2013	431 659	184 626	26 785	157 134	21 253	140 140	5 532	16 994
2014	381 613	234 872	37 899	205 172	33 167	190 675	4 732	14 496
2015	243 783	165 243	29 870	124 912	26 055	113 172	3 815	11 740

  

Year	Main-products						Value of by-products
	Firewood		Mill-wood		Bamboo		
	Quantity	Value	Quantity (1)	Value	Quantity (1,000 Pieces)	Value	
1971	346 994	177 002	233 060	104 877	14 403	86 419	97 095
1981	64 898	74 892	58 095	95 771	10 060	70 422	734 255
1991	19 320	23 184	13 182	41 704	4 319	23 754	840 799
2001	5 953	8 573	1 727	2 635	594	4 455	485 800
2006	9 224	13 957	31	47	544	4 241	286 562
2007	7 186	11 262	1 533	2 364	825	6 514	381 651
2008	6 059	8 956	37	59	2 430	19 925	315 522
2009	2 624	3 665	90	145	3 251	26 336	299 096
2010	296	381	41	67	3 261	26 742	301 699
2011	740	992	200	330	1 881	15 614	284 720
2012	2 542	3 701	40	66	1 742	14 805	227 321
2013	8 123	14 611	15	26	1 512	12 855	247 034
2014	4 189	9 063	80	132	2 384	20 505	146 741
2015	7 762	19 764	6	10	2 390	20 557	78 540

**Note:** Data do not include Kinmen County and Lienchiang County before 2010.

(1) Before 1992, its unit of measurement is metric tons.

**Source:** Council of Agriculture, Executive Yuan

**Table 62. Quantity and value of fishery production**

MTs, Thousand NT\$

Year	Total		Farsea fisheries		Offshore fisheries		Coastal fisheries	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1946	51 474	1 162 665	2 732	93 409	21 823	330 470	16 949	367 905
1971	650 167	8 350 345	293 014	3 570 401	247 429	2 627 589	30 515	381 179
1981	911 676	50 351 120	321 567	15 235 194	346 203	16 584 578	39 265	1 922 721
1991	1 316 651	83 526 073	714 263	32 203 991	266 945	17 457 328	41 231	3 516 865
2001	1 316 904	90 128 416	795 622	46 659 957	158 969	12 193 237	48 923	4 315 518
2006	1 282 279	85 658 209	757 896	41 419 202	154 015	9 679 224	54 226	5 931 433
2007	1 502 375	95 578 086	988 617	48 659 903	134 619	8 602 557	54 110	5 478 128
2008	1 339 291	91 843 193	828 427	43 706 858	132 594	9 376 801	47 366	5 069 824
2009	1 087 814	85 901 383	614 614	39 926 218	145 596	10 738 745	45 732	5 325 900
2010	1 167 080	92 499 034	688 288	43 319 996	128 289	8 924 129	34 731	3 596 694
2011	1 222 655	106 321 684	702 133	47 531 566	163 579	12 726 058	28 117	3 594 362
2012	1 256 082	106 174 291	726 775	50 139 586	148 279	13 730 358	33 027	4 395 228
2013	1 274 282	101 649 634	772 714	43 828 751	125 021	12 530 670	27 566	4 045 555
2014	1 409 807	104 961 636	899 035	43 644 435	139 929	14 276 242	29 408	4 077 329
2015	1 299 799	92 255 540	825 023	39 172 116	135 301	10 060 132	25 325	3 605 284

**Note:** Data do not include Kinmen County and Lienchiang County before 2009.**Source:** Fisheries Agency, COA, Executive Yuan

**Table 62. Quantity and value of fishery production (continued)**

MTs, Thousand NT\$

Year	Marine aquaculture		Inland water fisheries		Inland water aquaculture	
	Quantity	Value	Quantity	Value	Quantity	Value
1946	...	...	...	...	9 970	370 881
1971	17 446	306 876	1 440	20 098	60 323	1 444 202
1981	31 002	3 243 345	2 715	115 654	170 924	13 249 628
1991	31 192	2 597 564	2 327	91 686	260 693	27 658 639
2001	26 763	3 343 174	609	30 202	286 018	23 586 328
2006	34 411	4 063 897	155	7 709	281 575	24 556 743
2007	34 888	4 587 107	241	14 838	289 899	28 235 553
2008	37 765	4 300 366	198	16 123	292 940	29 373 221
2009	26 760	2 802 461	132	7 887	254 980	27 100 173
2010	41 410	5 953 314	77	5 591	274 286	30 699 310
2011	38 098	6 079 394	69	6 173	290 660	36 384 131
2012	30 390	4 247 021	66	5 519	317 543	33 656 579
2013	31 706	6 997 706	29	2 014	317 246	34 244 937
2014	29 287	6 168 541	30	1 343	312 118	36 793 747
2015	24 737	6 255 335	103	7 015	289 311	33 155 657

Table 63. Quantity and value of major livestock production

Thousand NT\$

Year	Hogs		Chickens		Ducks		Cow milk		Eggs	
	Quantity (Heads)	Value	Quantity (1,000 Heads)	Value	Quantity (1,000 Heads)	Value	Quantity (MTs)	Value	Quantity (1,000 Pieces)	Value
1946	303 307	1 637 858	...	...	...	...	908	45 390	...	...
1971	4 374 787	9 482 536	33 405	1 806 592	14 606	589 118	17 906	97 404	1 055 657	1 376 731
1981	7 738 018	42 682 384	115 670	15 507 978	32 026	3 778 051	50 154	876 195	2 524 964	6 289 243
1991	13 525 987	53 277 428	233 971	18 226 838	36 295	3 303 534	225 656	4 064 065	4 289 316	5 750 367
2001	10 420 000	46 255 141	376 196	27 271 501	32 142	2 928 077	345 970	7 389 567	7 806 914	11 423 219
2006	9 624 662	55 476 552	346 153	30 508 519	37 740	4 691 446	323 165	6 637 805	7 086 648	13 368 499
2007	9 418 921	57 003 312	333 504	32 825 003	36 862	5 082 438	322 220	7 024 399	7 166 913	15 752 559
2008	8 727 229	68 596 020	322 182	37 727 084	31 730	5 470 791	315 559	7 121 227	6 953 549	19 984 641
2009	8 745 585	65 897 983	329 151	36 900 515	29 246	5 281 557	321 781	7 304 434	6 873 926	19 957 844
2010	8 575 777	70 701 364	334 761	36 691 825	30 301	5 344 711	336 036	8 138 802	7 212 272	16 918 126
2011	8 786 528	75 158 291	350 120	41 959 469	30 515	5 646 099	350 894	9 056 576	7 149 999	18 968 647
2012	8 965 036	66 752 941	324 521	37 457 720	28 952	5 225 385	348 489	9 102 535	7 236 932	21 173 707
2013	8 720 858	66 463 490	307 487	38 113 220	33 955	6 372 921	358 146	9 354 763	7 255 761	20 593 944
2014	8 067 477	76 841 266	326 298	41 588 121	38 332	7 589 795	363 145	9 503 514	7 313 297	23 409 457
2015	8 229 635	71 739 210	321 139	41 153 784	35 061	8 599 627	375 499	9 826 805	7 398 899	24 056 558

**Note:** 1. Data do not include Kinmen County and Lienchiang County before 2009.

2. In the table, data excluding cow milk and eggs is heads slaughtered.

**Source:** 1. Council of Agriculture, Executive Yuan

2. Agriculture and Food Agency, COA, Executive Yuan

# INDUSTRY

Table 64. Indices of industrial production

2011=100

Year	General (1)	Mining & quarrying (1)				Manufacturing	Food	Beverages	Tobacco	Textiles mills	Wearing apparel & clothing accessories	Leather, fur & related products
			Crude petroleum & natural gas extraction	Sand, stone & clay quarrying	Others							
Weights (%)	1000.00	5.86	0.22	5.57	0.07	927.63	27.35	9.31	4.79	18.68	2.39	1.68
1981	...	...	879.19	94.56	1 507.79	19.49	76.47	51.83	128.41	96.77	1216.25	615.79
1986	...	...	603.53	128.54	1001.39	29.74	95.46	62.40	149.25	117.48	1346.20	1318.26
1991	...	...	356.72	159.26	195.62	37.82	106.84	80.82	143.54	129.98	915.15	800.81
1996	49.19	182.06	285.71	145.40	161.67	46.03	119.21	98.73	125.45	145.52	521.69	342.53
2001	56.66	144.90	264.27	117.74	73.43	53.86	103.52	101.14	104.31	148.47	327.01	178.50
2006	78.60	120.75	144.19	121.10	117.56	76.30	98.21	78.28	76.10	119.26	178.26	154.35
2007	84.70	100.25	128.71	97.39	137.71	82.66	97.02	78.16	80.33	118.68	160.64	137.20
2008	83.73	95.68	110.62	96.41	157.55	81.92	93.90	78.45	82.41	106.53	133.21	122.63
2009	77.11	87.63	108.62	85.96	155.55	75.53	93.85	83.66	86.90	94.92	105.78	108.74
2010	95.75	107.67	90.55	107.95	140.56	95.52	99.30	91.59	89.85	106.55	115.41	119.44
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	99.75	97.27	131.57	95.84	102.64	99.68	100.68	102.49	105.56	96.85	89.00	93.95
2013	100.40	92.33	113.85	91.29	107.27	100.24	100.65	97.89	104.90	98.82	82.25	87.76
2014	106.80	90.70	114.66	89.41	118.69	106.89	99.95	99.21	103.95	98.39	82.38	88.37
2015	104.93	84.02	111.00	82.44	125.30	105.30	100.34	97.74	103.53	94.54	76.86	64.00
Year	Manufacturing											
	Wood & bamboo products	Pulp, paper & paper products	Printing & reproduction of recorded media	Petroleum & coal products	Chemical material	Chemical products	Pharmaceuticals & medicinal chemical products	Rubber products	Plastic products	Non-metallic mineral products	Basic metal	Fabricated metal products
Weights (%)	1.22	10.20	7.06	18.78	108.36	15.89	9.31	7.97	17.65	13.41	89.61	48.65
1981	1012.84	41.34	36.17	25.61	12.69	18.69	22.91	35.26	43.21	54.26	15.13	39.35
1986	1202.91	61.13	44.71	28.98	22.43	32.06	39.29	58.89	78.73	70.08	27.81	56.12
1991	639.46	81.91	54.20	36.52	30.26	47.14	60.41	91.97	124.86	92.91	39.65	82.03
1996	267.50	89.85	57.96	56.47	49.06	72.58	69.98	90.88	121.23	103.86	57.62	98.14
2001	199.49	91.16	70.78	80.41	67.54	74.16	76.47	74.87	117.49	94.13	73.16	90.52
2006	128.29	103.03	99.02	120.53	87.49	90.48	83.69	91.28	111.31	101.75	91.99	96.19
2007	115.43	104.94	99.60	122.43	98.67	90.26	87.84	95.84	111.47	99.87	93.41	95.60
2008	102.87	99.32	100.01	111.84	91.88	87.95	89.83	93.64	101.38	92.41	86.10	92.22
2009	84.96	94.20	90.31	112.52	98.54	82.06	95.84	77.71	86.67	80.06	75.23	72.11
2010	94.23	99.57	98.98	107.87	107.00	99.02	100.47	99.57	98.96	93.91	96.06	91.30
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	99.95	99.90	94.34	106.78	102.79	97.38	103.59	95.26	99.67	94.83	95.98	96.35
2013	100.30	99.28	90.51	110.36	103.60	100.69	104.28	94.10	98.85	94.09	98.89	98.08
2014	98.97	100.63	87.99	111.37	101.63	102.57	100.59	99.56	101.66	95.20	103.21	102.07
2015	92.93	98.60	84.12	110.87	104.60	103.87	104.76	99.96	98.60	91.52	96.61	96.79

Note: (1) Data do not include quarrying before 1996.

Source: Ministry of Economic Affairs

Table 64. Indices of industrial production (continued)

2011=100

Year	Manufacturing									Electricity & gas supply	Water supply	Buildings construction
	Electronic parts & components	Computers, electronic & optical products	Electrical equipment	Machinery equipment	Motor vehicles & parts	Other transport equipment & parts	Furniture	Manufacturing not elsewhere classified	Repair & installation of industrial machinery & equipment			
Weights (%)	293.87	88.17	23.5	51.13	20.98	16.05	2.21	13.46	5.94	46.28	5.14	15.09
1981	1.62	6.71	23.54	22.46	27.48	54.67	167.61	66.93	-	20.29	32.86	148.15
1986	3.79	12.23	46.09	29.35	33.59	78.86	276.52	121.68	-	29.56	46.17	99.62
1991	6.59	17.24	83.72	46.23	75.30	87.74	283.14	128.51	-	43.02	64.41	126.89
1996	11.79	26.95	98.55	57.17	77.61	92.73	195.93	104.15	-	64.15	78.01	186.80
2001	18.01	48.16	106.18	54.22	67.42	70.98	144.40	86.21	-	81.82	102.46	127.26
2006	51.55	53.22	108.32	81.23	93.54	98.50	109.49	91.16	88.98	98.69	102.31	140.05
2007	63.47	57.62	101.37	89.00	88.20	109.65	113.91	93.66	92.60	101.59	102.59	139.37
2008	69.61	59.91	95.59	83.82	72.98	120.70	106.14	92.19	86.50	99.64	100.76	126.46
2009	67.87	50.64	80.42	57.01	70.98	88.97	85.95	84.33	79.48	96.98	98.47	102.33
2010	96.73	71.48	98.75	91.64	92.47	97.32	100.30	99.32	90.84	99.38	99.80	92.95
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	105.37	87.34	95.17	90.84	100.39	105.11	102.09	103.14	97.30	99.18	99.40	107.12
2013	109.68	78.26	92.85	84.88	98.24	105.50	101.20	105.45	91.99	101.26	100.10	111.07
2014	122.52	87.82	96.46	94.94	106.37	111.70	105.48	117.05	103.83	102.53	100.61	122.80
2015	122.94	80.76	93.10	92.83	101.89	111.02	104.37	118.07	112.73	93.68	98.52	127.18

Table 65. Industrial production value

Million NT\$

Year	Grand total (1)	Mining & Quarrying				Manufacturing					
		Total (1)	Crude petroleum and natural gas extraction	Sand, stone and clay quarrying	Others	Total	Food	Beve- rages & tobacco	Textiles mills	Wearing apparel & clothing accesso- ries	Leather, fur & related products
1981	...	...	11 121	2 789	7 288	2 552 365	296 188	66 262	255 371	140 103	106 735
1986	...	...	8 107	1 975	5 489	3 558 514	332 979	80 174	276 709	188 177	189 998
1991	...	...	6 340	3 041	1 561	4 900 497	358 534	113 533	335 149	158 951	143 454
1996	7 306 193	21 225	5 326	14 514	1 386	6 688 121	478 900	123 115	373 881	96 845	74 397
2001	8 016 411	24 174	6 944	16 713	517	7 366 350	347 547	117 159	336 345	67 067	40 794
2006	12 770 951	30 718	5 506	23 938	1 273	11 965 822	366 094	115 966	293 632	40 933	36 058
2007	14 166 239	32 876	5 804	24 692	2 379	13 320 748	391 575	120 892	307 860	37 503	34 322
2008	14 133 333	42 306	5 602	27 742	8 962	13 263 670	441 377	122 762	281 582	32 937	30 838
2009	11 601 584	30 072	4 655	24 134	1 282	10 732 791	428 640	133 719	240 247	26 001	25 963
2010	14 938 356	32 091	4 264	25 288	2 540	14 048 343	465 145	140 517	302 987	27 162	29 489
2011	15 563 762	30 879	5 157	22 970	2 751	14 661 726	499 745	145 781	313 698	25 856	26 385
2012	15 061 530	33 255	8 143	21 517	3 595	14 102 967	498 434	154 817	290 604	23 882	25 185
2013	14 945 293	30 952	7 068	21 226	2 657	13 925 152	492 537	148 690	295 440	22 550	24 567
2014	15 547 979	32 942	7 108	22 855	2 979	14 425 538	507 829	146 397	293 885	22 918	26 316
2015	13 929 720	28 729	4 566	20 957	3 206	12 861 116	494 180	144 701	284 746	21 885	20 201

**Note:** (1) Data do not include quarrying before 1996.**Source:** Ministry of Economic Affairs



Table 65. Industrial production value (continued)

Million NT\$

Year	Manufacturing											
	Wood & bamboo products	Pulp, paper & paper products	Printing & reproduction of recorded media	Petroleum and coal products	Chemical material	Chemical products	Pharmaceuticals & medicinal chemical products	Rubber products	Plastic products	Non-metallic mineral products	Basic metal	Fabricated metal products
1981	64 822	62 780	27 065	175 441	205 662	35 494	11 570	28 146	106 922	89 932	100 561	149 730
1986	76 917	92 072	36 060	141 432	286 772	63 605	19 538	39 564	184 010	103 260	214 929	204 109
1991	50 659	113 403	55 537	169 086	357 326	96 199	31 747	54 983	265 134	169 815	322 864	358 645
1996	30 406	131 060	67 532	225 502	578 264	126 224	38 559	60 599	284 006	198 176	500 155	494 954
2001	20 184	116 947	64 552	420 216	737 962	133 437	46 284	56 166	251 783	163 371	551 604	465 633
2006	17 621	143 404	71 098	994 798	1 572 329	197 043	52 825	79 054	256 291	219 723	1 405 639	690 767
2007	17 139	154 721	70 534	1 128 172	1 974 817	210 230	56 493	85 340	263 159	219 185	1 649 110	756 854
2008	15 981	163 137	71 533	1 281 632	1 919 100	209 080	65 109	86 038	256 137	218 522	1 767 873	778 621
2009	13 977	135 165	68 827	944 520	1 573 723	195 502	71 047	71 915	220 097	188 100	1 142 775	551 752
2010	16 180	169 883	75 601	1 087 379	2 121 092	239 741	75 550	91 846	257 409	207 695	1 692 607	723 632
2011	17 219	170 878	77 142	1 209 368	2 232 290	243 978	76 870	102 294	266 074	221 611	1 816 449	808 046
2012	17 617	162 407	74 104	1 360 230	2 126 177	244 000	78 018	98 312	264 239	215 776	1 574 210	761 460
2013	17 910	158 885	71 479	1 306 798	2 142 620	254 155	82 956	94 987	261 986	218 061	1 462 481	748 943
2014	19 106	161 666	69 831	1 258 477	2 076 752	265 070	76 256	97 980	269 035	228 509	1 540 074	781 541
2015	18 378	158 138	67 369	835 042	1 658 719	258 490	73 735	96 033	260 393	217 653	1 225 132	712 049
Year	Manufacturing									Electricity & gas supply	Water supply	Buildings construction
	Electronic parts and components	Computers, electronic & optical products	Electrical equipment	Machinery & equipment	Motor vehicles & parts	Other transport equipment & parts	Furniture	Manufacturing not elsewhere classified	Repair & installation of industrial machinery & equipment			
1981	70 698	105 282	103 136	79 792	70 917	70 944	31 034	93 029	4 749	115 975	6 577	97 695
1986	152 334	217 757	167 009	116 611	96 060	90 215	50 946	131 486	5 789	145 312	11 103	80 244
1991	309 875	339 438	277 722	226 907	226 307	145 198	60 645	149 476	9 908	208 004	16 725	128 795
1996	790 196	659 145	343 459	339 994	283 935	172 869	47 274	153 267	15 408	302 302	27 022	267 522
2001	1 311 104	914 600	289 923	342 053	240 941	136 458	38 154	131 598	24 469	390 972	39 338	195 577
2006	2 933 770	763 652	403 218	554 766	335 588	195 103	33 666	142 407	50 376	489 387	40 179	244 846
2007	3 283 958	743 426	415 147	614 894	322 076	225 652	36 257	147 543	53 887	517 717	40 586	254 312
2008	3 069 233	695 471	404 135	597 582	259 387	263 538	35 970	144 872	51 223	540 818	40 106	246 433
2009	2 724 151	583 835	306 494	397 265	268 781	209 642	28 642	131 908	50 101	586 613	38 787	213 322
2010	3 644 319	826 293	409 412	609 580	353 677	234 431	33 189	156 482	57 047	632 403	39 599	185 920
2011	3 361 205	1 051 102	421 603	679 316	388 161	249 547	33 768	160 908	62 432	640 873	40 044	190 240
2012	3 341 819	830 358	398 830	645 775	389 326	266 049	35 330	164 803	61 205	669 281	40 064	215 964
2013	3 470 259	765 894	383 682	600 320	373 965	264 261	35 500	169 713	56 513	718 317	40 377	230 496
2014	3 749 487	788 920	387 628	664 702	421 844	282 184	37 860	186 069	65 202	780 942	40 654	267 904
2015	3 615 521	696 244	366 315	649 088	407 037	287 106	38 368	182 177	72 414	728 562	39 632	271 681

**Table 66. Saturation of water supply**

Year	Families or population served (1)		Percentage of families or population served (1)		Monthly household water consumption per capita (2) (m <sup>3</sup> )
	No. of families (1,000 Families)	No. of population (1,000 Persons)	As % of total number of families or population		
			Based on families	Based on population	
1974	1 416	7 723	47.86	48.72	...
1981	1 947	9 565	63.69	63.92	4.59
1991	3 338	13 495	81.91	80.81	6.93
1996	4 172	15 160	86.93	85.64	7.28
2001	6 210	20 287	91.29	90.54	7.71
2006	6 829	21 018	92.35	91.87	7.53
2007	6 948	21 132	92.49	92.04	7.53
2008	7 091	21 240	92.62	92.20	7.39
2009	7 229	21 318	92.61	92.21	7.24
2010	7 359	21 386	92.72	92.33	7.26
2011	7 485	21 494	92.90	92.55	7.23
2012	7 618	21 622	93.05	92.74	7.20
2013	7 724	21 722	93.21	92.93	7.27
2014	7 831	21 826	93.42	93.14	7.34
2015	7 934	21 953	93.69	93.45	7.36

**Note:** (1) Data come from Taiwan Water Supply Corporation before 2000.

(2) Data do not include Kinmen County and Lienchiang County.

**Source:** Water Resources Agency, Ministry of Economic Affairs

Table 67. Composition of energy supply

%

Year	Quantity of energy supply (10 <sup>3</sup> KLOE)	By energy form						
		Coal and coal products	Crude oil and petroleum products	Natural gas	Biomass and waste	Conventional hydro power	Nuclear power	Others
1989	52 235	23.8	57.1	2.4	-	0.9	15.7	0.1
1991	58 329	22.8	53.9	5.0	-	0.6	17.5	0.2
1996	81 438	25.9	54.8	5.2	-	0.6	13.4	0.1
2000	101 788	29.7	51.6	6.4	0.8	0.4	11.0	0.1
2001	106 382	30.5	51.7	6.5	1.0	0.5	9.7	0.1
2006	136 531	30.1	52.1	7.7	1.2	0.3	8.5	0.1
2007	144 193	30.0	52.2	7.8	1.5	0.3	8.1	0.1
2008	139 163	30.2	50.6	8.7	1.5	0.3	8.5	0.2
2009	136 274	28.1	52.5	8.7	1.5	0.3	8.8	0.1
2010	142 502	29.3	50.1	10.4	1.3	0.3	8.5	0.1
2011	138 238	31.4	46.2	11.8	1.4	0.3	8.8	0.1
2012	140 769	29.7	48.0	12.2	1.3	0.4	8.3	0.1
2013	143 137	30.2	47.6	11.9	1.3	0.4	8.4	0.2
2014	147 451	29.2	48.5	12.2	1.2	0.3	8.3	0.3
2015	145 084	29.3	48.2	13.3	1.4	0.3	7.3	0.2

Source: Bureau of Energy, Ministry of Economic Affairs

Table 68. Composition of energy consumption

%

Year	Quantity of domestic energy consumption (10 <sup>9</sup> KLOE)	Energy use (By sector)						Non-energy use (1)
		Industrial	Transportation	Agricultural	Residential	Services	Energy	
1989	46 585	41.5	14.6	3.0	11.7	9.2	9.9	10.0
1991	53 286	41.2	14.7	2.6	12.1	10.3	9.1	10.0
1996	69 180	37.8	16.2	2.2	12.4	10.8	9.5	11.0
2000	86 486	39.9	14.5	1.6	12.4	11.4	9.2	10.9
2001	91 227	37.3	13.8	1.5	11.9	11.1	9.0	15.4
2006	107 399	38.0	12.9	1.1	11.4	11.8	8.4	16.4
2007	112 665	37.7	11.9	0.9	11.0	11.1	7.8	19.5
2008	109 437	37.3	11.7	1.0	11.2	11.5	7.4	19.9
2009	107 127	35.5	12.0	0.9	11.4	11.4	7.3	21.5
2010	113 717	37.3	11.7	0.8	10.8	11.0	7.1	21.3
2011	112 223	38.8	12.1	0.9	11.1	11.0	7.2	19.0
2012	111 838	38.3	11.9	0.9	10.8	11.0	7.1	20.0
2013	114 546	38.3	11.6	0.9	10.5	10.8	6.9	21.1
2014	115 339	37.7	11.6	0.9	10.8	10.9	6.7	21.3
2015	115 029	37.1	11.9	0.9	10.7	11.0	6.6	21.8

**Note:** (1) It only includes lubricants, asphalts and solvents.

**Source:** Bureau of Energy, Ministry of Economic Affairs

**Table 69. Water resources demand and supply**

## I. Total water supply

Million M<sup>3</sup>

Year	Grand total	Surface water			Ground water and others	Per capita annual withdrawal (M <sup>3</sup> )	Percentage of available resources (1) (%)
		Total	Intake from rivers	Reservoirs water supply			
1971	15 072	...	...	...	...	...	...
1981	16 613	...	...	...	...	...	...
1991	17 675	10 536	5 107	5 429	7 139	862.0	...
1996	18 123	10 984	7 342	3 642	7 139	845.2	...
2001	18 486	12 998	8 199	4 799	5 488	827.4	15.8
2005	17 958	12 429	7 813	4 616	5 530	790.1	12.6
2006	17 412	11 895	6 726	5 169	5 516	762.9	16.8
2007	18 577	12 742	8 391	4 351	5 834	810.6	13.6
2008	17 985	12 152	8 725	3 428	5 832	782.0	15.5
2009	18 092	12 275	9 075	3 200	5 816	783.9	20.0
2010	17 072	11 335	7 874	3 461	5 736	737.7	18.1
2011	17 225	11 503	5 387	6 116	5 722	742.7	19.6
2012	17 317	11 628	7 518	4 110	5 689	744.2	13.7
2013	17 307	11 688	7 378	4 310	5 619	741.4	16.5
2014	17 740	12 214	7 865	4 349	5 527	758.0	26.5

## II. Total water consumption

Million M<sup>3</sup>

Year	Grand total	Agriculture consumption				Domestic consumption	Industrial consumption
		Total	Irrigation	Livestock	Aquaculture		
1971	15 072	13 737	...	...	...	480	855
1981	16 613	13 708	...	...	...	1 125	1 780
1991	17 675	13 554	10 332	129	3 093	2 493	1 628
1996	18 123	13 497	10 199	151	3 146	2 861	1 765
2001	18 486	13 012	11 479	114	1 419	3 734	1 740
2005	17 958	12 882	11 137	111	1 633	3 532	1 545
2006	17 412	12 238	10 549	111	1 578	3 598	1 576
2007	18 577	13 359	11 667	105	1 588	3 573	1 644
2008	17 985	12 960	11 212	101	1 647	3 357	1 668
2009	18 092	13 170	11 782	73	1 315	3 370	1 551
2010	17 072	12 205	11 088	74	1 043	3 264	1 603
2011	17 225	12 435	11 310	75	1 050	3 238	1 552
2012	17 317	12 514	11 403	72	1 039	3 193	1 610
2013	17 307	12 468	11 384	70	1 013	3 200	1 639
2014	17 740	13 046	11 997	67	982	3 059	1 636

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

2. Domestic water consumption is only tap-water supplied to families before 1980 and includes water intake by self from 1981.

(1) Data do not include Kinmen County and Lienchiang County.

**Source:** Water Resources Agency, Ministry of Economic Affairs



# **TRANSPORTATION, STORAGE, COMMUNICATIONS AND TOURISM**

Table 70. Transport on railway and mass rapid transit

Year	Passenger traffic volume						
	No. of passengers (1,000 Persons)					Passenger-kilometers (1,000 Passenger-kms)	Taiwan Railways Administration
		Taiwan Railways Administration	Taipei Rapid Transit Corp.	Taiwan High Speed Rail	Kaohsiung Rapid Transit Corp.		
1952	32 493	64 937	-	-	-	1 933 936	1 749 772
1971	141 526	134 213	-	-	-	6 715 436	6 715 436
1981	130 736	130 736	-	-	-	7 946 882	7 946 882
1991	137 124	137 124	-	-	-	8 611 316	8 611 316
2001	476 214	186 079	289 643	-	-	12 268 691	10 036 882
2006	554 194	168 989	383 948	-	-	12 352 488	9 339 169
2007	602 610	169 692	416 230	15 556	-	15 769 121	8 937 387
2008	689 880	178 661	450 024	30 581	29 475	19 065 567	8 717 782
2009	718 515	179 369	462 472	32 349	43 339	19 277 397	8 386 856
2010	778 779	189 763	505 466	36 940	46 010	20 930 786	8 998 411
2011	864 491	205 829	566 404	41 629	49 637	22 825 848	9 719 605
2012	925 243	220 297	602 199	44 526	56 480	24 207 701	10 185 549
2013	972 332	227 287	634 961	47 487	60 706	25 322 755	10 513 137
2014	1 024 083	232 826	679 506	48 025	61 308	26 339 952	11 037 421
2015	1 062 853	232 217	717 512	50 562	60 203	27 110 886	11 114 977
Year	Passenger traffic volume			Freight traffic volume (1)			
	Passenger-kilometers (1,000 Passenger-kms)			Freight tonnage (1,000 MTs)		Ton-kilometers (1,000 Ton-kms)	
	Taipei Rapid Transit Corp.	Taiwan High Speed Rail	Kaohsiung Rapid Transit Corp.		Taiwan Railways Administration		Taiwan Railways Administration
1952	-	-	-	17 089	8 231	1 253 832	1 158 549
1971	-	-	-	24 550	15 220	2 550 225	2 449 599
1981	-	-	-	31 723	16 906	2 527 131	2 392 595
1991	-	-	-	26 256	16 417	1 961 142	1 903 945
2001	2 223 487	-	-	19 287	12 371	1 009 863	984 633
2006	2 999 376	-	-	19 060	12 866	996 527	987 183
2007	3 298 870	3 520 173	-	17 378	11 432	889 736	881 736
2008	3 548 827	6 566 120	221 476	16 583	11 106	933 341	925 289
2009	3 720 991	6 863 960	297 230	14 144	9 578	776 023	769 868
2010	4 123 190	7 491 020	314 701	15 106	10 426	872 520	866 301
2011	4 607 794	8 147 869	346 198	14 451	10 661	853 362	847 707
2012	4 973 667	8 641 573	400 730	13 905	10 873	833 102	828 475
2013	5 232 349	9 118 060	452 085	11 167	10 659	729 178	727 279
2014	5 589 414	9 235 162	465 106	11 223	11 012	683 452	681 421
2015	5 880 980	9 654 961	446 870	11 117	10 910	636 213	634 220

Note: (1) Excluding the data baggages and package

Source: Ministry of Transportation and Communications



**Table 70. Transport on railway and mass rapid transit (continued)**

Year	Efficiency of seat utilization (%)						Mileages (3) (Kms)		
	Taiwan Railways Administration					Taiwan High Speed Rail	Taiwan Railways Administration	Taiwan High Speed Rail	
	Avg.	Tze-chiang Limited Express	Chu-kuang Limited Express	Local train (2)	Ordinary train				
1952	...	...	...	...	...	-	940	-	
1971	...	...	...	...	...	-	1 000	-	
1981	...	...	...	...	...	-	1 091	-	
1991	57.9	96.6	78.5	57.8	29.7	-	1 045	-	
2001	68.5	84.3	72.2	65.5	25.8	-	1 097	-	
2006	63.0	78.3	59.3	56.0	16.6	-	1 093	-	
2007	60.9	72.8	58.4	54.6	20.0	44.9	1 093	340	
2008	57.5	67.1	53.2	52.5	21.2	43.5	1 091	340	
2009	55.5	63.7	46.9	52.8	12.8	46.3	1 085	340	
2010	59.7	71.4	49.1	55.0	12.0	49.0	1 085	340	
2011	63.6	75.2	54.6	58.2	9.7	51.6	1 087	340	
2012	66.1	76.8	57.2	61.3	11.8	54.6	1 067	340	
2013	66.8	76.3	57.2	62.9	12.8	57.5	1 061	340	
2014	66.2	74.8	52.1	63.3	16.0	57.1	1 065	340	
2015	64.5	73.2	47.6	61.4	12.8	59.65	1 065	340	
Year	Railroad accidents and casualties								
	Total		Taiwan Railways Administration		Taiwan High Speed Rail		Mass rapid transit		
	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)	Accidents (Cases)	Casualties (Persons)	
1952	...	...	...	...	...	...	...	...	
1971	...	...	...	...	...	...	...	...	
1981	...	...	...	...	...	...	...	...	
1991	...	...	...	...	...	...	...	...	
2001	878	290	857	279	-	-	18	1	
2006	868	185	862	182	-	-	2	2	
2007	847	185	835	182	10	-	3	2	
2008	841	108	825	105	13	-	3	3	
2009	824	124	800	119	12	-	24	5	
2010	889	125	853	114	15	-	19	11	
2011	826	215	812	87	2	-	11	8	
2012	684	107	639	101	35	1	8	6	
2013	696	91	632	85	40	-	10	6	
2014	646	65	590	59	38	-	11	4	
2015	660	91	618	88	29	-	7	3	

**Note:** (2) Including Fu-Hsing Semi Express

(3) The data is end of year.

Table 71. Transport on roads

Km

End of Year	Length of roads							Road density (M/km <sup>2</sup> )
	Total	Highway					Urban (1)	
			National	Provincial	County	Rural		
1952	15 619	14 734	-	1 364	2 815	10 555	...	...
1971	15 747	15 747	-	2 471	2 725	10 216	...	...
1981	17 522	17 522	373	3 981	2 330	10 451	...	...
1991	28 472	19 872	382	4 062	2 613	12 429	8 600	791
2001	36 466	20 675	739	4 515	3 401	11 630	15 791	1 013
2006	38 297	21 244	975	4 843	3 358	11 654	17 053	1 064
2007	38 526	21 403	975	5 000	3 360	11 654	17 123	1 070
2008	39 315	21 492	1 010	5 024	3 484	11 560	17 823	1 092
2009	39 849	21 781	1 010	5 092	3 518	11 765	18 068	1 107
2010	40 353	21 821	1 010	5 099	3 551	11 765	18 532	1 121
2011	40 995	21 847	1 010	5 124	3 551	11 766	19 148	1 138
2012	41 924	21 877	1 010	5 154	3 551	11 766	20 047	1 164
2013	42 520	21 929	1 050	5 149	3 573	11 761	20 591	1 181
2014	41 916	21 575	1 050	5 148	3 619	11 362	20 341	1 164
2015	41 950	21 587	1 050	5 160	3 619	11 362	20 363	1 165

**Note:** (1) Urban road figures include the part which pavement width is over 6m in urban planning district. Prior to and including 2003, urban road of pavement includes sidewalk, safety island and ditch cover.

**Source:** Ministry of Transportation and Communications

**Table 71. Transport on roads (continued)**

Year	Passenger traffic volume of automobile transportation							
	No. of passengers (1,000 Persons)				Passenger-Kilometers (1,000 Passenger-kms)			
	Total	City bus	Taiwan Motor Transport Corp.	Highway bus	Total	City bus	Taiwan Motor Transport Corp.	Highway bus
1952	161 447	79 635	37 278	44 534	1 507 145	497 180	569 838	440 127
1971	1 350 732	716 044	259 665	375 023	12 468 626	4 722 119	3 926 046	3 820 462
1981	2 029 776	1 129 251	306 563	593 961	26 101 329	6 991 918	11 999 356	7 110 056
1991	1 481 439	965 192	156 659	359 588	20 548 765	6 528 376	7 149 724	6 870 665
2001	1 109 347	804 337	-	305 009	15 236 537	6 288 993	1 066 208	8 947 544
2006	1 013 751	768 532	-	245 219	16 385 985	6 195 016	-	10 190 969
2007	1 020 791	778 461	-	242 330	15 979 244	6 293 834	-	9 685 410
2008	1 054 094	807 660	-	246 434	15 783 116	6 442 971	-	9 340 145
2009	1 038 779	800 975	-	237 805	15 882 309	6 433 076	-	9 449 233
2010	1 109 829	877 067	-	232 762	16 307 047	7 021 088	-	9 285 959
2011	1 164 297	943 694	-	220 603	17 039 888	7 503 861	-	9 536 027
2012	1 191 741	994 690	-	197 051	17 585 569	8 188 123	-	9 397 446
2013	1 220 056	1 046 238	-	173 818	17 927 530	8 904 389	-	9 023 140
2014	1 239 207	1 067 307	-	171 901	18 384 364	9 326 310	-	9 058 169
2015	1 221 951	1 053 328	-	168 623	17 570 843	9 042 628	-	8 527 956
Year	Freight traffic volume of highway trucking carriers		Freeway transportation					
	Freight tonnages (1,000 MTs)	Ton-kilometers (1,000 Ton-kms)	Vehicle traffic of freeway (2) (1,000 Cars)				Toll (Million NT\$)	Rule-violating vehicles (Cases)
			Total	Small vehicles	Bus and heavy truck vehicles	Tractor trailers		
1952	2 597	63 682	...	...	...	...	...	...
1971	39 599	1 554 301	...	...	...	...	...	...
1981	182 646	8 727 256	96 585	59 699	22 634	14 252	2 184	...
1991	254 297	11 813 756	295 616	226 159	40 255	29 202	9 065	1 370 484
2001	502 300	27 810 051	464 702	375 777	55 336	33 589	18 077	2 263 239
2006	594 214	31 218 175	574 713	480 595	55 241	38 877	21 992	911 580
2007	617 567	30 547 035	569 643	475 503	54 348	39 792	21 930	974 053
2008	604 137	30 159 525	543 548	453 932	50 348	39 269	20 481	843 169
2009	596 742	29 071 104	539 568	457 101	48 561	33 906	20 755	697 916
2010	628 167	29 631 573	555 060	464 819	51 797	38 444	21 976	703 558
2011	638 499	29 550 818	571 229	479 549	52 565	39 115	22 602	679 086
2012	653 265	29 850 997	573 512	482 797	52 562	38 154	21 620	657 172
2013	551 430	38 473 579	589 778	498 892	52 575	38 311	21 826	611 971
2014	541 939	37 851 697	5 184 346	4 490 688	393 024	300 634	21 247	595 519
2015	531 858	37 805 306	5 489 975	4 791 782	399 730	298 464	22 474	617 961

**Note:** (2) Since 2014, the way of calculating vehicles that has been changed by passing through the toll gate, instead of the toll station.

Table 72. Number of registered vehicles

Cars

End of Year	Total	Bus			Heavy truck		
		Sub-total	Private	Operating	Sub-total	Private	Operating
1952	10 710	1 623	244	1 379	3 699	1 511	2 188
1971	957 295	8 900	1 732	7 168	21 992	8 028	13 964
1981	5 413 409	18 790	4 726	14 064	66 564	34 782	31 782
1991	10 611 036	20 120	5 381	14 739	121 161	66 184	54 977
2001	17 465 037	24 053	2 580	21 473	155 140	81 813	73 327
2006	20 307 197	27 522	1 812	25 710	166 211	90 142	76 069
2007	20 711 754	27 361	1 793	25 568	164 004	91 050	72 954
2008	21 092 358	27 339	1 723	25 616	161 231	91 215	70 016
2009	21 374 175	27 667	1 909	25 758	158 812	91 543	67 269
2010	21 721 447	29 030	1 856	27 174	161 084	93 304	67 780
2011	22 226 684	29 991	1 863	28 128	164 221	95 003	69 218
2012	22 346 398	31 098	1 770	29 328	161 256	91 468	69 788
2013	21 562 645	31 960	1 689	30 271	162 122	92 449	69 673
2014	21 290 279	32 928	1 661	31 267	163 446	93 563	69 883
2015	21 400 863	33 890	1 647	32 243	165 695	94 866	70 829

Source: Ministry of Transportation and Communications

**Table 72. Number of registered vehicles (continued)**

End of Year	Sedan			Light truck			Specially constructed vehicles	Motorcycles
	Sub-total	Private	Operating	Sub-total	Private	Operating		
1952	2 579	2 089	490	325	316	9	482	2 002
1971	55 111	32 824	22 287	25 593	24 686	907	3 656	826 492
1981	506 291	438 052	68 239	211 304	206 748	4 556	11 142	4 591 547
1991	2 541 364	2 440 685	100 679	495 167	489 381	5 786	24 049	7 409 175
2001	4 825 581	4 720 641	104 940	675 533	665 718	9 815	51 528	11 733 202
2006	5 698 324	5 555 507	142 817	805 590	783 979	21 611	52 522	13 557 028
2007	5 712 842	5 567 687	145 155	811 646	787 361	24 285	52 428	13 943 473
2008	5 674 426	5 530 314	144 112	812 440	786 782	25 658	51 480	14 365 442
2009	5 704 312	5 559 247	145 065	827 955	792 288	35 667	51 099	14 604 330
2010	5 803 413	5 642 969	160 444	832 466	803 493	28 973	50 522	14 844 932
2011	5 960 088	5 787 010	173 078	848 732	817 543	31 189	50 050	15 173 602
2012	6 091 324	5 909 115	182 209	862 230	828 914	33 316	60 862	15 139 628
2013	6 236 879	6 046 599	190 280	875 544	841 477	34 067	61 017	14 195 123
2014	6 405 778	6 205 246	200 532	890 703	855 191	35 512	61 464	13 735 960
2015	6 573 746	6 365 190	208 556	903 739	866 616	37 123	62 074	13 661 719

**Table 73. Number of national vessels registration and freight traffic volume**

Year	National vessels registration (1)			Cargo tonnage (1,000 MTs)	Ton-nautical mile (Million ton-nautical miles)
	Vessels (Vessels)	G.R.T (Ton)	D.W.T (Ton)		
1952	7	2 248	1 742	2 840	7 055
1971	23	35 803	50 139	12 571	78 095
1981	71	612 141	883 108	23 135	139 226
1991	245	5 300 548	8 144 768	90 907	532 574
2001	280	4 790 827	7 472 055	101 533	359 295
2006	258	3 005 203	4 962 058	78 135	154 245
2007	262	2 853 241	4 672 289	70 291	125 847
2008	267	2 868 332	4 709 741	65 250	129 950
2009	267	2 703 834	4 237 587	53 972	113 343
2010	278	2 789 176	4 400 330	55 390	114 607
2011	290	2 888 558	4 493 037	53 477	126 859
2012	288	3 113 599	4 672 453	47 727	97 230
2013	295	3 373 753	4 977 349	49 521	107 343
2014	304	3 635 946	5 284 951	54 997	116 643
2015	313	3 847 758	5 481 654	55 414	121 382

**Note:** (1) The gross tonnage of the ships in this table is at least 100 tons.

**Source:** Ministry of Transportation and Communications

**Table 74. Waterborne imports and exports, and the percentage carried by national vessels**

1,000 MTs

Year								Imports				
	Total	Keelung Harbor	Kaoh-siung Harbor	Hualien Harbor	Taichung Harbor	Taipei Harbor	Others (1)	Sub-total	Keelung Harbor	Kaoh-siung Harbor	Hualien Harbor	Taichung Harbor
1952	1 859	562	1 297	-	-	-	-	1 097	386	710	-	-
1971	20 640	5 900	14 550	189	-	-	-	15 655	4 597	11 048	9	-
1981	59 897	8 991	38 267	1 919	3 884	-	6 837	48 609	6 655	31 488	487	3 735
1991	121 182	23 636	68 234	2 952	18 648	-	7 712	103 328	17 389	60 341	1 720	16 895
2001	184 078	24 504	115 792	5 934	34 132	-	3 716	145 082	18 000	91 950	2 826	29 385
2006	210 607	26 317	119 185	3 094	48 210	6 635	7 166	163 049	19 052	87 994	1 112	42 737
2007	224 508	22 955	134 492	5 083	47 238	5 007	9 733	173 699	15 468	101 280	2 395	41 269
2008	219 928	22 465	130 192	4 914	47 072	5 400	9 884	174 182	15 756	100 297	2 481	41 674
2009	202 788	17 789	112 433	4 597	48 716	9 081	10 172	157 039	12 277	83 136	1 561	42 884
2010	218 083	20 492	118 188	5 412	58 943	10 464	4 584	168 826	14 688	86 606	2 535	52 694
2011	214 687	19 152	116 090	4 627	57 280	13 100	4 438	167 340	13 614	85 571	2 630	50 832
2012	212 720	18 627	113 494	3 583	59 160	13 598	4 258	166 186	13 674	82 740	2 436	52 765
2013	216 510	17 505	109 041	4 511	64 930	16 005	4 517	169 083	12 795	77 829	2 754	58 058
2014	225 737	17 015	115 798	4 240	66 971	17 473	4 240	177 777	12 449	83 825	2 697	59 720
2015	213 244	15 256	103 976	3 948	68 771	17 298	3 995	168 377	11 453	74 180	2 597	61 331
Year	Imports			Exports						Carried by national vessels (%)		
	Taipei Harbor	Others (1)	Sub-total	Keelung Harbor	Kaoh-siung Harbor	Hualien Harbor	Taichung Harbor	Taipei Harbor	Others (1)	Total	Imports	Exports
1952	-	-	762	176	586	-	-	-	-	43.2	19.0	78.0
1971	-	-	4 985	1 303	3 502	180	-	-	-	41.8	46.0	28.6
1981	-	6 242	11 289	2 335	6 778	1 432	149	-	594	20.4	20.4	20.4
1991	-	6 984	17 854	6 248	7 893	1 232	1 753	-	728	29.2	30.2	23.4
2001	-	2 920	38 997	6 504	23 842	3 109	4 747	-	795	24.9	28.1	12.9
2006	6 622	5 532	47 558	7 265	31 191	1 981	5 473	13	1 634	10.0	11.7	4.5
2007	4 994	8 293	50 810	7 487	33 212	2 688	5 969	14	1 440	9.5	10.9	4.7
2008	5 382	8 592	45 745	6 710	29 894	2 432	5 398	18	1 292	9.3	10.4	5.0
2009	8 241	8 939	45 750	5 512	29 297	3 037	5 831	839	1 233	12.4	14.3	6.0
2010	9 105	3 198	49 257	5 804	31 582	2 877	6 249	1 360	1 385	10.1	10.8	7.6
2011	11 603	3 089	47 347	5 538	30 519	1 997	6 448	1 497	1 349	11.3	11.9	9.2
2012	11 541	3 029	46 534	4 953	30 754	1 147	6 395	2 057	1 228	12.7	13.6	9.4
2013	14 052	3 595	47 427	4 711	31 213	1 757	6 872	1 953	922	12.7	13.4	10.4
2014	15 517	3 568	47 960	4 566	31 973	1 543	7 251	1 956	672	12.8	13.7	9.8
2015	15 087	3 729	44 868	3 803	29 796	1 351	7 440	2 212	266	14.0	15.1	10.0

**Note :** Since 2001, the cargo figures have been calculated from customs declaration. Prior to and including 2000, they were sourced from manifest.

(1) Including Su-ao and Anping Harbor

**Source:** Ministry of Transportation and Communications

Table 75. Traffic of civil aviation by airports

Year	Total									
	No. of aircraft movements (Movements)			No. of passengers (1,000 Persons)				Tonnage of cargo (1) (MTs)		
	Total	International line	Domestic line	Total	International line	Domestic line	Transit	International line	Domestic line	
1952	5 133	...	...	26	...	...	...	3 122	...	...
1971	74 993	30 012	44 981	3 500	1 143	2 065	292	63 493	48 084	15 409
1981	121 654	37 252	84 402	10 493	4 063	5 639	792	252 735	229 320	23 415
1991	317 481	68 181	249 300	22 832	10 364	11 210	1 257	714 808	670 127	44 681
2001	561 910	147 212	414 698	46 084	19 501	24 614	1 970	1 310 220	1 035 552	37 375
2006	463 506	188 274	275 232	43 725	23 774	17 365	2 586	1 809 565	1 207 998	40 211
2007	421 479	192 610	228 869	39 772	24 432	12 711	2 630	1 708 703	1 191 118	40 041
2008	357 982	174 748	183 234	35 236	23 203	9 850	2 183	1 587 250	1 035 352	36 746
2009	335 667	166 872	168 795	36 059	26 546	9 233	279	1 743 824	932 985	36 925
2010	360 409	189 323	171 086	41 091	31 107	9 733	251	2 335 508	1 163 941	36 675
2011	385 140	205 337	179 803	42 856	32 133	10 484	239	2 178 856	1 108 647	35 899
2012	404 695	230 123	174 572	46 860	35 899	10 680	282	2 091 294	1 102 078	36 153
2013	426 635	247 378	179 257	50 336	39 385	10 547	403	2 084 688	1 082 510	35 543
2014	454 911	270 732	184 179	55 357	44 391	10 563	402	2 221 700	1 144 636	35 100
2015	481 028	288 959	192 069	58 156	47 983	9 798	374	2 150 628	1 136 194	33 240

  

Year	Taiwan Taoyuan International Airport				Kaohsiung International Airport			Taipei Songshan Airport		
	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Transit	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)
1952	-	-	-	-	-	-	-	5 133	26	3 122
1971	-	-	-	-	11 036	518	4 695	46 357	2 133	54 033
1981	35 202	4 714	792	215 153	21 667	1 585	19 268	21 638	2 035	7 188
1991	62 080	10 614	1 257	634 390	58 440	4 046	46 284	68 532	4 192	14 034
2001	123 916	18 461	1 968	1 189 874	94 531	8 285	88 744	151 617	10 092	13 924
2006	157 703	22 857	2 572	1 698 808	78 603	7 130	76 997	87 955	6 729	15 024
2007	160 120	23 426	2 571	1 605 681	67 149	5 717	70 241	68 084	4 471	13 115
2008	145 993	21 936	2 182	1 493 120	47 793	4 161	62 139	49 264	3 102	11 831
2009	139 399	23 293	279	1 654 213	40 335	3 661	56 863	44 655	3 091	11 406
2010	156 036	26 749	251	2 230 097	41 300	4 053	69 413	48 925	3 713	14 355
2011	163 200	26 414	239	2 064 194	42 596	4 051	59 193	58 185	5 259	34 492
2012	180 761	29 270	282	1 981 807	45 302	4 466	57 320	58 170	5 676	31 311
2013	194 239	32 214	403	1 967 170	46 721	4 646	60 508	60 066	5 847	36 320
2014	208 874	35 804	402	2 088 727	51 681	5 397	68 767	61 881	6 105	43 528
2015	221 191	38 473	369	2 021 865	55 685	6 001	63 031	57 642	5 861	45 218

**Note:** (1) Prior to and including 1994, the figures of cargo included freight, passenger baggages and mail; since 1995, the figures of cargo only include mail and freight (exclude passenger baggages).

**Source:** Ministry of Transportation and Communications



**Table 75. Traffic of civil aviation by airports (continued)**

Year	Hualien Airport			Taitung Airport			Magong Airport		
	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)
1952	-	-	-	-	-	-	-	-	-
1971	9 342	407	2 093	604	2	0	5 848	348	2 059
1981	7 808	726	1 674	18 235	246	976	12 033	867	6 954
1991	11 784	703	2 143	30 630	492	1 220	39 758	1 534	10 681
2001	21 473	1 245	1 270	18 720	948	566	39 687	1 875	5 344
2006	12 888	705	783	11 129	485	390	34 822	1 750	6 687
2007	9 479	566	948	10 270	457	437	33 484	1 692	7 255
2008	7 518	412	751	8 870	369	358	32 427	1 688	6 820
2009	5 005	255	598	10 118	382	391	31 821	1 703	6 898
2010	5 258	263	594	10 503	408	351	33 740	1 838	7 075
2011	4 938	251	541	10 727	437	376	35 936	2 010	7 073
2012	5 131	266	490	11 753	447	403	34 679	2 107	6 902
2013	5 299	280	474	11 728	429	359	34 641	2 156	7 308
2014	4 799	214	402	13 948	380	305	33 664	2 119	6 989
2015	3 402	119	312	30 109	302	281	34 346	2 078	6 296
Year	Taichung Airport			Tainan Airport			Others (3)		
	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)	No. of aircraft movements (Movements)	No. of passengers (1,000 Persons)	Tonnage of cargo (MTs)
1952	-	-	-	-	-	-	-	-	-
1971	756	38	202	1 050	54	413	-	-	-
1981	1 798	15	209	2 553	236	826	720	71	488
1991	9 546	189	697	12 642	644	1 900	24 069	419	3 459
2001	36 829	1 246	1 683	22 274	1 646	1 198	52 863	2 286	7 617
2006	18 666	693	1 660	14 114	1 231	1 939	47 626	2 146	7 277
2007	16 695	781	1 565	12 220	687	1 644	43 978	1 976	7 817
2008	17 464	1 106	1 723	6 682	286	832	41 971	2 178	9 676
2009	14 352	1 015	1 947	4 453	196	648	45 529	2 463	10 860
2010	16 503	1 284	2 294	3 960	213	733	44 184	2 569	10 596
2011	18 437	1 450	2 133	4 178	235	570	46 943	2 750	10 284
2012	19 710	1 592	1 820	4 094	231	575	45 095	2 805	10 666
2013	22 120	1 807	2 004	4 746	249	610	47 075	2 707	9 935
2014	25 293	2 187	2 143	5 294	314	645	49 477	2 836	10 194
2015	26 456	2 343	2 942	5 566	321	632	46 631	2 657	10 051

**Note:** (3) From 2004, it includes the data of Hengchun Airport.

**Table 76. Cross-strait postal delivery and number of telephone incoming and outgoing volume**

Pieces, Calls, Minutes

Year	Correspondence			Telephone			
	Total	From Taiwan to Mainland	From Mainland to Taiwan	Incoming		Outgoing	
				Calls	Minutes	Calls	Minutes
1989	10 681 100	4 553 936	6 127 164	767 606	2 938 639	730 351	3 074 102
1991	15 197 609	6 109 466	9 088 143	8 025 958	26 257 083	8 719 209	26 989 763
1996	18 042 925	6 532 580	11 510 345	42 956 178	115 162 620	53 541 006	168 739 603
2000	13 987 115	5 409 559	8 577 556	95 048 691	241 113 377	111 604 019	342 987 929
2001	12 630 660	5 004 283	7 626 377	114 970 716	321 953 043	154 668 202	509 835 107
2006	12 486 723	5 985 106	6 501 617	358 902 498	875 980 140	350 297 538	1505 975 668
2007	11 595 145	5 263 948	6 331 197	282 248 004	784 836 551	352 274 657	1566 245 351
2008	10 201 026	4 638 916	5 562 110	234 701 523	714 055 458	371 859 974	1538 542 237
2009	8 764 597	3 814 799	4 949 798	221 953 162	576 594 289	369 005 987	1423 249 660
2010	8 331 250	3 518 056	4 813 194	204 625 818	552 919 921	403 616 104	1496 326 500
2011	8 575 531	3 597 429	4 978 102	171 584 037	470 973 044	393 344 578	1364 127 550
2012	8 479 704	4 030 086	4 449 618	167 278 555	321 077 486	366 139 852	1186 399 744
2013	8 582 875	4 181 431	4 401 444	150 690 749	353 651 437	275 674 467	873 445 344
2014	8 692 880	4 643 922	4 048 958	161 446 245	310 080 038	286 519 406	794 238 649
2015	7 719 788	4 248 171	3 471 617	125 738 404	247 510 228	212 922 279	616 522 122

**Note:** The Ordinary Correspondence Posted to Mainland is operated from Apr. 18, 1988, and the Ordinary Correspondence Delivered from Mainland is operated from Mar. 19, 1988. Besides, the Registered Correspondence between Taiwan and Mainland are posted and delivered from June 1, 1993.

**Source:** 1. Ministry of Transportation and Communications  
2. National Communications Commission

**Table 77. Telephone business**

End of Year	Subscribers of local telephones (10,000 Households)		Subscribers of mobile telephones (1,000 Subscribers)		No. of public telephones (Sets)	Long-distance telephone circuits	
		Subscribers per 100 pop. (Subscribers)		No. of minutes of outgoing calls (Million minutes)		Domestic (Circuits)	
1952	2	...	-	-	...	463	
1971	31	...	-	-	7 133	4 266	
1981	282	...	-	-	59 116	63 012	
1991	685	...	197	...	107 061	296 842	
2001	1 286	57	21 786	17 301	138 623	921 225	
2006	1 347	59	23 249	29 960	110 900	10 420 316	
2007	1 330	58	24 287	31 231	99 877	10 194 006	
2008	1 308	57	25 413	33 539	95 504	11 058 124	
2009	1 282	56	26 959	36 664	91 228	9 587 932	
2010	1 270	55	27 840	39 967	87 518	10 360 710	
2011	1 268	55	28 862	42 835	82 345	7 310 590	
2012	1 241	53	29 449	43 477	78 107	6 760 106	
2013	1 223	52	29 701	37 582	74 616	5 514 334	
2014	1 210	51	26 535	30 825	69 820	5 480 924	
2015	1 189	51	29 369	26 595	64 361	4 647 876	
End of Year	Long-distance telephone circuits			International telephones (1)			
	International (Circuits)			No. of outgoing calls (1,000 Calls)	Mainland China	No. of minutes of outgoing calls (1,000 Minutes)	
	Total	Telephone circuits	Data circuits				
1952	...	...	...	...	-	...	
1971	...	...	...	...	-	...	
1981	...	...	...	4 293	-	27 049	
1991	...	...	...	104 844	8 719	297 616	
2001	...	...	...	433 642	154 668	1 514 416	
2006	...	...	...	1 063 660	350 298	3 841 017	
2007	1 399 262	63 357	1 336	931 501	352 275	3 879 449	
2008	1 852 963	69 830	1 783	948 230	371 860	3 993 877	
2009	3 047 981	73 340	2 975	1 000 451	369 006	4 192 733	
2010	3 903 549	65 850	3 838	1 096 639	403 616	4 650 852	
2011	5 537 101	71 932	5 465	1 065 185	393 345	4 666 714	
2012	7 237 750	77 916	7 160	1 089 690	366 140	4 941 466	
2013	9 978 853	83 840	9 895	828 532	275 674	3 800 525	
2014	13 522 970	82 636	13 440	740 936	286 519	2 960 807	
2015	18 540 103	87 407	18 453	607 540	212 922	2 330 693	

**Note:** (1) Telephone services between the Straits started from June 1989.

**Source:** 1. Ministry of Transportation and Communications

2. National Communications Commission

**Table 78. Data communication business**

End of Year	No. of rental data circuit (Circuits)			Subscribers of ISDN (Households)	No. of internet accounts (Households)	Broadband (Households)	Regular internet pop. (10,000 Persons)
	Total	Domestic	International				
1986	54	-	54	-	-	-	-
1991	30 899	30 742	157	-	-	-	1
1996	61 988	61 600	388	-	164 649	-	60
2000	130 537	130 146	391	-	4 636 288	95 848	627
2001	147 022	146 557	465	42 470	6 231 917	1 169 970	782
2006	166 954	165 816	1 138	63 449	7 036 507	4 505 800	976
2007	158 467	157 231	1 236	61 516	5 973 968	4 790 187	1 003
2008	165 775	164 380	1 395	69 798	6 027 422	5 024 374	1 046
2009	165 225	163 725	1 500	88 804	5 668 242	4 997 715	1 067
2010	167 749	166 177	1 572	105 826	5 888 452	5 311 599	1 079
2011	172 124	170 476	1 648	123 321	6 092 264	5 515 928	1 097
2012	161 736	160 070	1 666	118 102	6 988 261	6 448 819	1 107
2013	144 673	142 881	1 792	109 373	7 535 832	7 011 934	1 109
2014	138 384	136 511	1 873	104 324	7 944 931	7 436 619	1 110
2015	146 442	144 112	2 330	14 423	8 111 974	7 617 105	...

Source: 1. Ministry of Transportation and Communications  
2. National Communications Commission  
3. Institute for Information Industry

**Table 79. Outbound visitors**

Persons

Year	Total	By destination of trip					
		Asia	America	Europe	Oceania	Africa	Others
1980	484 901	402 244	73 754	4 830	1 300	2 773	-
1981	575 537	480 673	80 901	6 777	1 779	5 407	-
1991	3 366 076	3 039 090	284 062	20 281	7 894	14 749	-
1996	5 713 535	4 387 254	674 536	165 235	110 485	15 283	360 742
2001	7 152 877	5 970 766	673 906	246 659	131 810	-	129 736
2006	8 671 375	7 525 166	687 038	258 263	124 604	-	76 304
2007	8 963 712	7 779 947	675 033	244 497	121 340	1	142 894
2008	8 465 172	7 453 726	580 983	225 023	93 221	40	112 179
2009	8 142 946	7 319 789	477 468	236 782	103 115	2 838	2 954
2010	9 415 074	8 642 677	499 518	172 405	95 845	1 110	3 519
2011	9 583 873	8 762 214	473 259	239 062	101 614	238	7 486
2012	10 239 760	9 367 597	537 014	240 760	89 166	1 826	3 397
2013	11 052 908	10 388 937	446 595	119 800	97 120	14	442
2014	11 844 635	11 095 664	495 479	133 677	116 342	13	3 460
2015	13 182 976	12 353 288	548 267	161 529	118 390	30	1 472

**Note:** The figures are outbound departure of first or main destination.

**Source:** Ministry of Transportation and Communications

Table 80. Visitor arrivals and visitor expenditures

Year	Visitor arrivals (Persons)			No. of visitors arriving by visiting purpose (Persons)					
	Total	Foreigners	Overseas Chinese	Pleasure	Mainland China	Business	Visit relatives	Study	Conference
1981	1 409 465	1 116 008	293 457	...	...	...	...	...	...
1986	1 610 385	1 333 315	277 070	949 198	-	280 371	98 220	17 876	9 471
1991	1 854 506	1 629 448	225 058	826 441	-	436 490	154 309	24 579	15 964
1996	2 358 221	2 088 539	269 682	904 489	-	704 450	241 704	27 320	25 931
2001	2 831 035	2 291 871	539 164	1 021 572	17 643	848 732	332 834	26 971	39 390
2006	3 519 827	2 855 629	664 198	1 510 207	102 782	949 836	377 455	38 649	52 634
2007	3 716 063	2 988 815	727 248	1 648 507	84 356	930 775	395 760	41 901	57 839
2008	3 845 187	2 962 536	882 651	1 775 229	94 765	881 431	404 692	45 229	59 226
2009	4 395 004	2 770 082	1 624 922	2 298 334	539 106	795 669	413 942	54 701	68 925
2010	5 567 277	3 235 477	2 331 800	3 246 005	1 228 086	937 777	496 627	62 681	88 097
2011	6 087 484	3 588 727	2 498 757	3 633 856	1 290 933	984 845	500 131	62 829	81 780
2012	7 311 470	3 831 635	3 479 835	4 677 330	2 019 757	893 767	444 213	62 719	62 988
2013	8 016 280	4 095 599	3 920 681	5 479 099	2 263 635	927 262	469 877	75 938	61 608
2014	9 910 204	4 687 048	5 223 156	7 192 095	3 393 346	769 665	393 656	56 562	63 135
2015	10 439 785	4 883 047	5 556 738	7 505 457	3437425	758 889	408 034	59 204	60 777
Year	No. of visitors arriving by visiting purpose (Persons)			Visitor expenditures (Million US\$)	Per visitor			Occupancy rate (%)	
	Exhibitions	Medical treatment	Others		Average length of stay (Nights)	Spending per day (US\$)	Spending (US\$)	International tourist hotel	Standard tourist hotel
1981	...	...	...	1 080	6.62	116	766.5	...	...
1986	-	-	255 249	1 333	6.87	120	827.5	64.7	52.0
1991	-	-	396 723	2 018	7.31	149	1 088.4	56.4	45.1
1996	-	-	454 327	3 636	7.40	208	1 542.1	63.4	55.7
2001	-	-	561 536	4 335	7.37	208	1 531.3	62.0	58.9
2006	-	-	591 046	5 136	6.92	211	1 459.2	70.4	62.5
2007	-	-	641 281	5 214	6.52	215	1 403.2	68.5	60.1
2008	-	-	679 380	5 936	7.30	211	1 543.7	66.0	57.9
2009	-	-	763 433	6 816	7.17	216	1 550.9	63.9	55.8
2010	-	-	736 090	8 719	7.06	222	1 566.2	68.9	65.2
2011	-	-	824 043	11 065	7.05	258	1 817.6	69.5	62.2
2012	15 789	58 444	1 096 220	11 769	6.87	234	1 609.7	70.9	66.2
2013	16 316	100 083	886 097	12 322	6.86	224	1 537.1	71.0	62.8
2014	13 316	60 951	1 360 824	14 615	6.65	222	1 474.7	73.5	66.6
2015	13 749	67 298	1 566 377	14 388	6.63	208	1 378.2	71.0	63.6

Source: Ministry of Transportation and Communications

**Table 81. Number of foreign visitor arrivals by residence**

Persons

Year	Grand Total									
		Asia	Hong Kong, Macao	Japan	Korea	Malaysia	Singapore	Indonesia	Philippines	Thailand
2001	2 291 871	1 704 449	80 752	970 741	82 081	56 615	96 645	89 027	68 955	116 296
2002	2 354 017	1 747 685	76 690	985 564	79 874	64 483	107 069	86 098	74 022	105 688
2003	1 812 034	1 336 849	56 076	655 131	90 174	66 487	78 300	37 116	75 851	97 478
2004	2 428 297	1 760 612	70 878	885 168	144 769	92 272	116 445	43 694	82 319	101 989
2005	2 798 210	2 107 089	77 275	1 122 192	178 964	107 084	165 666	88 086	87 205	92 584
2006	2 855 629	2 164 552	77 549	1 159 533	192 521	114 761	183 511	90 593	75 240	94 644
2007	2 988 815	2 262 176	79 548	1 164 446	222 347	140 720	204 015	95 327	80 117	89 137
2008	2 962 536	2 213 938	78 628	1 084 888	247 815	155 073	204 967	110 017	83 056	83 685
2009	2 770 082	2 052 861	84 685	998 973	164 152	166 354	194 129	106 272	73 182	77 344
2010	3 235 477	2 459 348	93 662	1 078 459	213 863	285 038	241 008	123 409	84 464	91 657
2011	3 588 727	2 773 717	97 222	1 292 999	239 740	307 301	299 238	155 881	98 740	101 695
2012	3 831 635	3 001 848	109 735	1 430 946	255 990	340 399	326 876	163 188	102 387	96 698
2013	4 095 599	3 225 595	120 924	1 420 092	348 125	393 699	364 348	170 877	97 175	103 357
2014	4 687 048	3 754 200	119 405	1 633 608	524 975	438 621	375 940	182 335	134 569	104 172
2015	4 883 047	3 919 868	119 893	1 625 900	655 886	430 843	392 687	177 397	136 915	123 872
Year								Oceania	Africa	Others
	America	Canada	U.S.A.	Europe	France	Germany	U.K.			
2001	388 507	40 176	338 548	147 610	20 988	33 687	33 569	36 141	8 663	6 501
2002	406 227	42 815	353 411	146 730	20 179	33 470	34 082	37 849	9 120	6 406
2003	311 594	33 873	270 523	118 273	15 188	28 476	28 316	31 849	7 375	6 094
2004	440 887	49 891	380 210	164 032	21 152	37 063	36 913	50 294	9 538	2 934
2005	453 271	53 838	388 153	171 665	21 785	39 626	35 748	55 185	9 018	1 982
2006	457 167	53 225	392 004	171 816	22 372	38 602	35 794	51 433	8 714	1 947
2007	464 911	56 554	395 036	185 553	23 693	39 372	39 758	61 146	8 414	6 615
2008	456 494	59 605	383 747	199 952	23 956	40 129	48 176	67 930	8 334	15 888
2009	436 859	59 490	365 266	196 120	24 975	39 372	44 619	65 551	7 578	11 113
2010	469 099	64 074	391 440	202 394	26 249	42 280	44 242	71 424	8 076	25 136
2011	489 442	67 049	408 054	211 422	28 909	44 506	43 278	70 018	8 714	35 414
2012	491 814	70 081	406 806	217 359	31 304	44 915	42 658	74 971	8 687	36 956
2013	497 550	72 254	410 295	222 561	32 244	46 416	42 367	77 152	8 608	64 133
2014	560 904	88 234	455 226	264 408	36 249	52 418	58 103	92 576	9 788	5 172
2015	583 707	90 370	475 933	273 543	38 228	54 847	58 675	90 364	10 013	5 552

Source: Tourism Bureau, MOTC





# **FINANCE AND INSURANCE**

Table 82. Key financial indicators

100 Millions NT\$

End of year	Foreign exchange reserves (100 Million US\$)	Monetary aggregates (M <sub>1B</sub> )		Monetary aggregates (M <sub>2</sub> ) (1)		Liquid liabilities		Reserve money	
		Amount	Annual growth rate (%)	Amount	Annual growth rate (%)	Amount	Annual growth rate (%)	Amount	Annual growth rate (2) (%)
1990	724	19 256	-6.65	62 019	10.96	69 905	12.60	11 564	2.99
1991	824	21 584	12.09	74 030	19.37	82 874	18.55	12 653	9.57
1996	880	34 261	8.31	139 739	9.13	156 464	9.71	16 525	6.67
2000	1 067	44 921	-0.34	188 978	6.50	219 344	8.07	15 834	-4.08
2001	1 222	50 259	11.88	197 125	4.31	234 565	6.94	14 561	5.58
2006	2 661	82 226	4.47	256 682	5.15	350 416	7.99	18 832	7.32
2007	2 703	82 200	-0.03	258 831	0.84	368 449	5.15	19 475	3.90
2008	2 917	81 537	-0.81	277 555	7.23	388 270	5.38	21 254	8.16
2009	3 482	105 116	28.92	293 556	5.76	416 730	7.33	23 040	8.31
2010	3 820	114 571	9.00	309 544	5.45	445 203	6.83	25 018	8.57
2011	3 855	118 302	3.26	324 519	4.84	469 541	5.47	27 209	7.49
2012	4 032	124 184	4.97	335 744	3.46	496 032	5.64	29 021	6.66
2013	4 168	134 708	8.47	355 189	5.79	530 162	6.88	31 208	7.53
2014	4 190	143 101	6.23	376 968	6.13	568 299	7.19	32 633	4.57
2015	4 260	152 926	6.87	398 840	5.80	607 126	6.83	34 524	5.79
End of year	Monetary financial institutions				Checking accounts of domestic banks (5)		Interest rates (% per annum)		
	Deposits (3)		Loans & investments (4)		Total debits	Annual rate of turnover	Discount rate	31-90 days CP rates in secondary market	Weighted averages of overnight interest rates
	Amount	Annual growth rate (%)	Amount	Annual growth rate (%)					
1990	64 715	10.30	50 635	14.83	604 050	301.5	7.750	9.57	10.49
1991	75 765	17.07	61 897	22.24	588 939	300.3	6.250	7.58	6.33
1996	142 609	8.61	130 518	7.86	942 225	438.7	5.000	5.79	5.44
2000	193 087	6.89	166 220	3.73	1 145 706	495.9	4.625	4.91	4.73
2001	201 362	4.29	164 893	-0.80	1 179 413	559.5	2.125	3.69	3.69
2006	258 115	4.88	201 539	4.10	940 383	323.6	2.750	1.54	1.55
2007	260 525	0.93	206 269	2.35	934 109	316.1	3.375	1.90	2.00
2008	278 702	6.98	213 315	3.42	913 571	324.6	2.000	1.92	2.01
2009	294 486	5.66	214 823	0.71	715 295	253.8	1.250	0.24	0.11
2010	310 063	5.29	228 037	6.15	763 483	239.4	1.625	0.38	0.19
2011	323 022	4.18	241 729	6.00	808 714	240.0	1.875	0.70	0.34
2012	333 004	3.09	255 488	5.69	813 810	241.7	1.875	0.79	0.43
2013	350 624	5.29	267 206	4.59	819 204	235.3	1.875	0.69	0.39
2014	371 339	5.91	281 106	5.20	849 557	231.4	1.875	0.62	0.39
2015	393 558	5.98	294 064	4.61	818 518	224.2	1.625	0.58	0.35

**Note:** (1) M<sub>2</sub> has included the net present value of money market mutual funds since Oct. 2004. (2) The annual growth rates are adjusted for most recent changes in required reserve ratios on Jan. 1, 2011 and in the share of required reserves deposited with the Bank's B account in November 2001. (3) The carrying values of the host contracts of structured products issued by banks are excluded from deposits from 2001. (4) Beginning 2004, loans includes the securities acquired under reverse repurchase agreements. Investment represents portfolio investments in entities excluding financial institutions and measured at original costs. (5) Prior to Jan. 2002, the figures exclude the data of medium business banks.

**Source:** Central Bank

**Table 83. Consolidated assets and liabilities of monetary financial institutions**

## I . Assets

Million NT\$

End of year	Assets(net) = lia.& equity (net)	Foreign assets (1)	Loans and discounts (2)				Portfolio investments in entities excluding financial institutions (3)
			Subtotal	Government agencies	Government enterprises	Private sector	Subtotal
1997	18 243 191	3 471 583	12 510 156	1 396 040	395 458	10 718 658	1 841 874
1998	19 667 210	3 726 441	13 177 329	1 540 830	365 713	11 270 786	2 294 297
1999	20 813 680	4 310 696	13 760 055	1 726 555	368 757	11 664 743	2 264 872
2000	21 995 127	4 883 390	14 428 909	2 063 150	384 455	11 981 304	2 193 069
2001	22 940 262	6 003 051	14 036 644	2 134 732	460 515	11 441 397	2 452 640
2006	31 927 680	11 227 432	17 598 943	1 611 281	525 391	15 462 271	2 693 911
2007	32 769 344	11 663 216	18 021 730	1 385 356	591 936	16 044 438	2 694 318
2008	34 939 362	13 250 923	18 470 098	1 281 184	760 190	16 428 724	2 861 563
2009	36 710 601	14 828 834	18 599 228	1 510 414	733 832	16 354 982	2 978 043
2010	37 807 420	14 590 580	19 852 506	1 525 105	791 888	17 535 513	3 045 296
2011	39 918 536	15 372 443	20 960 771	1 553 540	824 558	18 582 673	3 259 381
2012	41 496 610	15 521 003	21 650 271	1 612 117	693 934	19 344 220	3 971 878
2013	44 399 447	17 220 781	22 404 430	1 460 375	704 415	20 239 640	4 405 861
2014	47 802 341	19 177 040	23 472 572	1 445 684	632 234	21 394 654	4 735 074
2015	50 604 693	20 618 894	24 277 051	1 376 404	610 739	22 289 908	5 211 569
End of year	Portfolio investments in entities excluding financial institutions (3)			Portfolio investments in financial institutions (3)(4)(5)	Claims on life insurance companies etc.	Real estate investments	Cash in vaults
	Government agencies	Government enterprises	Private enterprises				
1997	648 132	45 957	1 147 785	169 184	30 411	46 036	173 947
1998	665 563	73 442	1 555 292	210 001	32 594	45 841	180 707
1999	834 151	47 498	1 383 223	211 583	24 897	45 805	195 772
2000	827 583	54 990	1 310 496	213 967	49 184	45 776	180 832
2001	1 011 687	58 838	1 382 115	175 385	59 666	45 623	167 253
2006	1 442 945	123 333	1 127 633	204 614	1 708	1	201 071
2007	1 535 740	126 144	1 032 434	180 146	10 845	1	199 088
2008	1 784 210	239 355	837 998	136 020	4	1	220 753
2009	1 973 133	184 826	820 084	94 357	2	1	210 136
2010	2 067 752	187 003	790 541	110 064	2	1	208 971
2011	2 199 313	219 252	840 816	112 405	270	1	213 265
2012	2 503 889	370 148	1 097 841	119 122	19	-	234 317
2013	2 718 228	401 312	1 286 321	142 032	2	-	226 341
2014	2 955 462	420 733	1 358 879	171 863	2	-	245 790
2015	3 255 789	461 798	1 493 982	244 487	13 501	-	239 191

**Note:** All transactions between institutions within the same financial subsector as well as their other assets and other liabilities are netted out in the consolidation process and are shown in other items (net).

(1) Beginning Jan. 2013, the assets in and liabilities to its (own) OBU are netted. (2) Beginning Jan. 2004, includes data for securities acquired under reverse reverse repurchase agreements. (3) Beginning Jan. 2006, portfolio investments are measured at fair values instead of original costs. (4) Beginning Jan. 2010, portfolio investments of securities of financial institutions include investments in the host contracts of structured products issued by banks. (5) Beginning Sep. 2014, includes investments in RMB-denominated bonds issued by Taipei branches of Bank of China and China Construction Bank, respectively.

**Source:** Central Bank

**Table 83. Consolidated assets and liabilities of monetary financial institution (continued)**

## II. Liabilities &amp; equity

Millions NT\$

End of year	Foreign liabilities (1)	Currency issued	Deposits & money market mutual funds held by enterprises and individuals					
			Subtotal	Checking accounts	Passbook deposits	Passbook savings deposits	Time deposits (6)(7)	Time savings deposits
1997	489 623	684 311	14 321 928	308 031	892 481	2 004 376	3 162 938	5 148 420
1998	478 860	694 452	15 601 433	293 568	932 201	2 115 270	3 730 067	5 658 787
1999	462 685	806 939	16 798 795	332 324	1 025 928	2 537 761	3 356 100	6 339 399
2000	458 659	708 580	17 931 599	321 250	1 053 648	2 589 426	3 324 023	6 636 613
2001	540 096	692 912	18 742 707	274 532	1 118 498	3 107 171	2 959 070	7 140 862
2006	1 913 993	959 792	24 171 821	368 535	1 942 742	5 152 628	3 207 793	7 799 752
2007	1 996 647	961 715	24 389 919	321 284	2 072 730	5 063 336	3 418 622	7 531 709
2008	2 150 809	1 054 290	26 300 624	316 928	2 071 833	4 931 406	4 456 484	7 968 580
2009	1 731 412	1 122 754	27 974 744	337 260	2 674 529	6 587 179	4 123 174	7 488 005
2010	1 918 491	1 204 824	29 391 589	352 769	2 935 099	7 173 405	4 383 882	7 471 306
2011	2 197 026	1 320 609	30 782 080	407 865	3 013 953	7 301 054	4 792 661	7 929 738
2012	2 325 666	1 437 529	31 945 268	410 493	3 128 026	7 676 649	4 733 653	8 196 426
2013	2 454 740	1 555 992	33 810 339	380 553	3 548 807	8 211 741	4 710 445	8 343 732
2014	2 788 143	1 706 694	35 824 894	392 702	3 715 570	8 740 910	4 795 683	8 549 672
2015	2 385 365	1 804 606	37 935 013	386 245	4 108 659	9 232 268	4 928 531	8 844 915
End of year	Deposits & money market mutual funds held by enterprises and individuals			Government deposits	Due to life insurance companies etc.	Bank debentures issued (9)	Equity	Others (net) (7)
	Foreign currency deposits (7)(8)	Postal savings deposits	Money market mutual funds					
1997	569 905	2 235 777	-	837 283	309 611	68 890	1 838 474	- 306 929
1998	603 545	2 267 995	-	823 909	324 160	92 420	2 166 643	- 514 667
1999	653 883	2 553 400	-	930 327	314 200	97 796	2 139 447	- 736 509
2000	1 176 943	2 829 696	-	938 625	306 476	91 668	2 261 642	- 702 122
2001	1 101 348	3 041 226	-	949 375	340 047	202 611	2 489 969	-1 017 455
2006	1 693 697	4 002 250	4 424	901 968	236 295	925 915	3 011 388	- 193 492
2007	1 939 493	4 039 656	3 089	932 044	375 198	900 327	3 378 156	- 164 662
2008	2 320 607	4 232 126	2 660	948 229	591 042	878 048	3 386 895	- 370 575
2009	2 341 112	4 421 531	1 954	1 005 609	815 312	797 961	3 406 762	- 143 953
2010	2 575 206	4 498 514	1 408	1 047 773	910 642	800 783	3 051 858	- 518 540
2011	2 678 404	4 656 799	1 606	957 601	842 215	884 870	3 184 415	- 250 280
2012	2 875 311	4 924 124	586	929 219	979 599	1 013 405	3 400 461	- 534 537
2013	3 475 115	5 139 278	668	873 225	972 089	1 020 927	3 644 467	67 668
2014	4 160 474	5 469 587	296	897 944	769 603	1 210 475	3 904 578	700 010
2015	4 696 000	5 738 129	266	1 037 247	515 403	1 253 490	4 300 269	1 373 300

**Note:** (6) Including NCDs (7) Beginning Jan. 2001, the carrying values of the host contracts of structured products issued by banks are excluded from deposits and relisted under other items. (8) Including foreign currency NCDs (9) It includes the NT dollar & foreign currency-denominated bonds issued in Taiwan by domestic banks and local branches of foreign and mainland Chinese banks.

**Table 84. Consolidated assets and liabilities of financial institutions**

## I . Assets

Million NT\$

End of year	Assets(net) = lia. & equity (net)	Foreign assets (1)	Loans and discounts (2)				Subtotal
			Subtotal	Government agencies	Government enterprises	Private sector	
1997	19 862 917	3 541 258	13 306 163	1 396 040	400 458	11 509 665	2 385 362
1998	21 458 391	3 809 469	14 039 819	1 540 830	368 013	12 130 976	2 903 281
1999	22 766 778	4 410 769	14 658 192	1 726 555	368 757	12 562 880	2 990 592
2000	24 317 510	5 005 511	15 405 259	2 063 150	384 455	12 957 654	3 140 577
2001	25 629 805	6 352 382	15 067 541	2 134 732	460 515	12 472 294	3 534 548
2006	38 408 672	13 278 845	18 692 761	1 611 281	525 391	16 556 089	5 337 022
2007	39 616 314	13 927 717	19 187 183	1 385 356	591 936	17 209 891	5 420 268
2008	42 197 744	15 595 585	19 722 367	1 281 184	760 190	17 680 993	5 766 575
2009	44 940 829	17 713 238	19 788 845	1 510 414	733 832	17 544 599	6 250 565
2010	47 243 764	18 064 698	21 033 957	1 525 105	791 888	18 716 964	6 707 921
2011	50 439 640	19 620 010	22 154 442	1 553 540	824 558	19 776 344	7 189 692
2012	53 397 797	20 649 802	22 894 778	1 612 117	693 934	20 588 727	8 138 888
2013	58 037 079	23 421 005	23 849 205	1 460 375	704 415	21 684 415	8 906 817
2014	63 570 456	27 115 448	25 030 758	1 445 684	632 234	22 952 840	9 123 135
2015	67 918 617	30 645 109	25 820 366	1 376 404	610 739	23 833 223	9 170 413
End of year	Portfolio investments in entities excluding financial institutions (3)			Portfolio investments in financial institutions (3)(4)(5)	Real estate investments	Cash in vaults	
	Government securities	Government enterprises	Private enterprises				
1997	822 081	67 260	1 496 021	262 414	192 689	175 031	
1998	830 408	102 859	1 970 014	314 123	209 612	182 087	
1999	1 114 324	81 379	1 794 889	277 962	232 010	197 253	
2000	1 232 764	100 567	1 807 246	325 484	258 593	182 086	
2001	1 572 587	105 020	1 856 941	238 447	268 112	168 775	
2006	3 048 905	173 679	2 114 438	635 693	262 635	201 716	
2007	3 164 180	193 497	2 062 591	586 050	295 320	199 776	
2008	3 608 765	309 005	1 848 805	566 842	324 878	221 497	
2009	3 937 490	293 256	2 019 819	584 840	392 676	210 665	
2010	4 238 343	372 374	2 097 204	815 133	412 612	209 443	
2011	4 586 950	434 326	2 168 416	797 279	464 518	213 699	
2012	4 932 009	605 924	2 600 955	927 958	551 654	234 717	
2013	5 162 587	628 585	3 115 645	962 690	670 679	226 683	
2014	5 236 257	639 651	3 247 227	1 156 179	898 776	246 160	
2015	5 321 722	625 986	3 222 705	1 096 541	946 659	239 529	

**Note:** All transactions between institutions within the same financial subsector as well as their other assets and other liabilities are netted out in the consolidation process and are shown in other items (net). This balance sheet has included the data of money market mutual funds since 2004.

(1) Beginning Jan. 2013, the assets in and liabilities to its (own) OBU are netted. (2) Beginning Jan. 2004, includes data for securities acquired under reverse repurchase agreements. (3) Beginning Jan. 2006, portfolio investments are measured at fair values instead of original costs. (4) Beginning Jan. 2010, portfolio investments of securities of financial institutions include investments in the host contracts of structured products issued by banks. (5) Beginning Sep. 2014, includes investments in RMB-denominated bonds issued by Taipei branches of Bank of China and China Construction Bank, respectively.

**Source:** Central Bank

**Table 84. Consolidated assets and liabilities of financial institutions (continued)**

## II. Liabilities &amp; equity

Million NT\$

End of year	Foreign liabilities (1)	Currency issued	Deposits & money market mutual funds held by enterprises and individuals					
			Checking accounts	Passbook deposits	Passbook savings deposits	Time deposits (6)(7)	Time savings deposits	Foreign currency deposits (7)(8)
1997	489 623	684 311	308 031	892 481	2 004 376	3 181 377	5 148 420	569 905
1998	478 860	694 452	293 568	932 201	2 115 270	3 752 662	5 658 787	603 545
1999	462 685	806 939	332 324	1 025 928	2 537 761	3 378 214	6 339 399	653 883
2000	458 659	708 580	321 250	1 053 648	2 589 426	3 327 813	6 636 613	1 176 943
2001	540 096	692 912	274 532	1 118 498	3 107 171	2 967 276	7 140 862	1 101 348
2006	1 913 993	959 792	368 535	1 942 742	5 152 628	3 207 793	7 799 752	1 693 697
2007	1 996 647	961 715	321 284	2 072 730	5 063 336	3 418 622	7 531 709	1 939 493
2008	2 150 809	1 054 290	316 928	2 071 833	4 931 406	4 456 484	7 968 580	2 320 607
2009	1 731 412	1 122 754	337 260	2 674 529	6 587 179	4 123 174	7 488 005	2 341 112
2010	1 918 491	1 204 824	352 769	2 935 099	7 173 405	4 383 882	7 471 306	2 575 206
2011	2 197 026	1 320 609	407 865	3 013 953	7 301 054	4 792 661	7 929 738	2 678 404
2012	2 325 666	1 437 529	410 493	3 128 026	7 676 649	4 733 653	8 196 426	2 875 311
2013	2 454 740	1 555 992	380 553	3 548 807	8 211 741	4 710 445	8 343 732	3 475 115
2014	2 788 143	1 706 694	392 702	3 715 570	8 740 910	4 795 683	8 549 672	4 160 474
2015	2 385 365	1 804 606	386 245	4 108 659	9 232 268	4 928 531	8 844 915	4 696 000
End of year	Deposits & money market mutual funds held by enterprises and individuals		Government deposits	Trust funds (9)	Life insurance reserves	Bank debentures issued (10)	Equity	Othes (net) (7)
	Postal savings deposits	Money market mutual funds						
1997	2 235 777	-	837 623	356 550	1 565 449	68 890	2 109 461	- 589 357
1998	2 267 995	-	824 027	351 664	1 826 441	92 420	2 444 174	- 877 675
1999	2 553 400	-	930 441	379 382	2 148 445	97 796	2 350 195	-1 230 014
2000	2 829 696	-	938 737	496 549	2 492 372	91 668	2 450 235	-1 254 679
2001	3 041 226	-	949 400	700 131	2 919 504	202 611	2 681 307	-1 807 069
2006	4 002 250	4 424	901 968	2 496 023	6 434 160	925 915	3 515 992	-2 910 992
2007	4 039 656	3 089	932 044	3 420 323	7 140 109	900 327	3 818 543	-3 943 313
2008	4 232 126	2 660	948 229	2 885 596	7 842 007	878 048	3 594 489	-3 456 348
2009	4 421 531	1 954	1 005 609	3 075 211	8 973 000	797 961	3 844 889	-3 584 751
2010	4 498 514	1 408	1 047 773	3 105 832	10 224 292	800 783	3 540 755	-3 990 575
2011	4 656 799	1 606	957 601	3 076 140	11 182 235	884 870	3 615 411	-3 576 332
2012	4 924 124	586	929 219	3 210 316	12 547 269	1 013 405	3 991 456	-4 002 331
2013	5 139 278	668	873 225	3 061 921	14 129 560	1 020 927	4 289 082	-3 158 707
2014	5 469 587	296	897 944	3 248 329	15 557 494	1 210 475	4 883 481	-2 546 998
2015	5 738 129	266	1 037 247	3 245 149	17 178 532	1 253 490	5 319 925	-2 240 710

**Note:** (6) Including NCDs (7) Beginning Jan. 2001, the carrying values of the host contracts of structured products issued by banks are excluded from deposits and relisted under other items. (8) Including foreign currency NCDs (9) Beginning Jan. 2013, those data in custodial accounts are excluded. (10) It includes the NT dollar & foreign currency-denominated bonds issued in Taiwan by domestic banks and local branches of foreign and mainland Chinese banks.

Table 85. Interest rates and monetary market

%

Year	Discount rate (End of period)	Base lending rates (End of period) (1)	Weighted averages of overnight interest rates	CP rates (2)	Monetary aggregates (End of period) (100 million NT\$)	
					M <sub>1B</sub>	M <sub>2</sub> (3)
2001	2.13	7.38	3.69	3.69	50 259	197 125
2002	1.63	7.10	2.05	2.03	54 916	202 105
2003	1.38	3.43	1.10	1.05	65 528	213 583
2004	1.75	3.52	1.06	0.99	73 680	228 931
2005	2.25	3.85	1.31	1.27	78 711	244 101
2006	2.75	4.12	1.55	1.54	82 226	256 682
2007	3.38	4.31	2.00	1.90	82 200	258 831
2008	2.00	4.21	2.01	1.92	81 537	277 555
2009	1.25	2.56	0.11	0.24	105 116	293 556
2010	1.63	2.68	0.19	0.38	114 571	309 544
2011	1.88	2.88	0.34	0.70	118 302	324 519
2012	1.88	2.88	0.43	0.79	124 184	335 744
2013	1.88	2.88	0.39	0.69	134 708	355 189
2014	1.88	2.88	0.39	0.62	143 101	376 968
2015	1.63	2.83	0.35	0.58	152 926	398 840

**Note:** (1) Prior to Jan. 2003, the figures represent prime lending rates.

(2) It is 31-90 days CP rates in secondary market.

(3) M<sub>2</sub> has included the net present value of money market mutual funds since Oct. 2004.

**Source:** Central Bank

**Table 86. Securities trading on TWSE market**

## I . Trading value and volume

Million NT\$

Year	Trading days (Days)	Weighted averages of stock index (Annual average)	Total trading value	Stock		Beneficiary Security		Warrant		TDR		Total trading value of bonds
				Total trading volume (Million shares)	Total trading value	Total trading volume (Million units)	Total trading value	Total trading volume (Million units)	Total trading value	Total trading volume (Million units)	Total trading value	
1981	292	548.84	209 621	13 198	209 217	-	-	-	-	-	-	404
1986	285	944.74	676 379	39 041	675 656	-	-	-	-	-	-	723
1991	286	4 928.83	10 328 388	175 941	9 682 738	-	-	-	-	-	-	6 367
1996	288	6 003.72	13 142 485	350 739	12 907 561	-	-	-	-	-	-	10 033
2001	244	4 907.43	18 421 319	606 420	18 354 936	-	-	7 784	28 440	1 005	8 707	24 037
2006	248	6 842.04	24 205 339	732 510	23 900 362	2 346	24 982	149 122	175 070	5 358	29 054	98
2007	247	8 509.56	33 527 469	887 186	33 043 848	1 202	12 316	259 796	253 178	11 053	91 926	-
2008	249	7 024.06	26 666 171	778 910	26 115 408	1 329	13 412	300 078	275 816	4 266	28 611	-
2009	251	6 459.56	30 118 748	1 088 769	29 680 471	518	5 014	93 590	106 425	9 527	128 489	-
2010	251	7 949.63	28 890 337	817 567	28 218 676	478	5 012	204 090	204 945	17 609	261 906	-
2011	247	8 155.79	26 996 174	650 941	26 197 408	768	10 641	296 822	284 679	11 082	142 184	-
2012	250	7 481.34	20 789 632	530 706	20 238 166	1 026	15 358	246 201	231 314	4 600	35 184	-
2013	246	8 092.77	19 603 328	543 162	18 940 933	679	11 620	349 623	340 013	3 850	27 746	-
2014	248	8 992.01	23 043 284	566 992	21 898 537	602	9 905	658 104	678 846	3 357	22 574	-
2015	244	8 959.35	22 505 096	511 248	20 191 486	718	12 011	620 183	644 962	4 274	22 217	-

Source: Financial Supervisory Commission



**Table 86. Securities trading on TWSE market (continued)**

## I . Trading value and volume (continued)

Million NT\$

Year	ETF		Closed-end Fund		Investor analysis by trading value on TWSE market (1) (%)			
	Total trading volume (Million units)	Total trading value	Total trading volume (Million units)	Total trading value	Domestic juridical persons	Foreign juridical persons	Domestic individuals	Foreign individuals
1981	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-
1991	-	-	41 847	639 283	3.03	0.05	96.91	0.01
1996	-	-	24 088	224 890	8.62	2.12	89.25	0.01
2001	-	-	764	5 200	9.69	5.89	84.41	0.01
2006	1 533	75 212	63	561	11.04	16.15	70.56	2.25
2007	2 440	125 372	78	828	13.00	17.62	67.26	2.11
2008	5 905	232 039	116	886	13.97	22.11	61.66	2.26
2009	5 980	197 837	79	512	11.60	16.32	72.05	0.03
2010	5 527	199 576	29	222	13.57	18.44	67.95	0.04
2011	9 269	360 762	65	500	15.45	21.78	62.74	0.03
2012	9 297	269 236	53	374	15.35	22.56	62.03	0.06
2013	10 427	282 346	81	670	16.17	24.64	59.16	0.03
2014	16 745	433 264	17	158	17.42	23.76	58.79	0.03
2015	66 236	1 634 420	-	-	18.35	28.36	53.27	0.02

## II . Securities margin trading on TWSE market

Million NT\$

Year	Total trading value (2) (A)	Margin purchasing (B)	Margin liquidation (c)	Short selling (D)	Short covering (E)	Margin purchasing (F)=(B)+(c)	Short selling (G)=(D)+(E)	Securities margin trading (H)=(B)+(C)+(D)+(E)
1981	209 217	36 774	32 180	1 892	1 769	68 954	3 661	72 615
1986	675 656	172 803	166 918	7 244	6 481	339 721	13 725	353 446
1991	9 682 738	2 291 783	2 199 898	253 293	246 494	4 491 681	499 787	4 991 468
1996	13 134 673	5 673 983	5 329 480	430 629	390 899	11 003 463	821 528	11 824 991
2001	18 398 344	6 536 956	5 857 411	1 085 153	609 345	12 394 367	1 694 498	14 088 865
2006	24 195 028	5 734 807	5 605 136	510 621	448 820	11 339 942	959 441	12 299 384
2007	33 504 365	7 766 227	7 567 794	516 705	445 633	15 334 021	962 338	16 296 359
2008	26 662 224	4 979 649	4 907 450	569 654	534 568	9 887 099	1 104 222	10 991 321
2009	30 112 083	6 426 858	6 261 045	621 349	572 345	12 687 903	1 193 694	13 881 597
2010	28 877 100	5 646 511	5 503 217	536 750	497 461	11 149 729	1 034 211	12 183 939
2011	26 989 135	4 431 382	4 408 553	659 424	606 673	8 839 935	1 266 096	10 106 031
2012	20 788 027	3 216 681	3 290 446	540 607	547 867	6 507 127	1 088 474	7 595 601
2013	19 602 858	2 873 796	2 897 768	393 655	392 372	5 771 564	786 027	6 557 591
2014	23 043 284	3 157 356	3 201 057	421 543	421 841	6 358 413	843 383	7 201 796
2015	22 505 096	2 581 282	2 639 023	391 291	382 134	5 220 306	773 425	5 993 731

**Note:** (1) The amounts in the table consist of both buying and selling, but they do not include auction and bidding.

(2) Total trading value include trade executed by computer only.

Table 87. Foreign exchange rates

NT\$ per foreign currency

End of year	U.S. dollar (1)		Hong Kong dollar		Pound sterling		Rand		Singapore dollar		Australian dollar	
	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling
1981	37.79	37.89	6.63	6.67	72.18	72.54	39.37	39.57	18.44	18.53	42.57	42.79
1986	35.45	35.55	4.54	4.57	52.02	52.28	16.08	16.16	16.24	16.33	23.53	23.65
1991	25.70	25.80	3.28	3.34	47.84	48.46	9.29	9.47	15.70	15.93	19.43	19.69
1996	27.44	27.54	3.52	3.58	46.34	46.74	5.82	6.00	19.56	19.76	21.82	22.02
2001	34.94	35.04	4.46	4.52	50.57	50.97	2.79	2.99	18.81	19.01	17.80	18.00
2006	32.55	32.65	4.16	4.22	63.84	64.24	-	-	21.16	21.36	25.70	25.90
2007	32.39	32.49	4.13	4.19	64.60	65.00	-	-	22.47	22.67	28.48	28.68
2008	32.81	32.91	4.20	4.26	47.32	47.72	-	-	22.76	22.96	22.63	22.83
2009	31.98	32.08	4.10	4.16	51.39	51.79	4.30	4.40	22.73	22.93	28.68	28.88
2010	30.32	30.42	3.88	3.94	46.86	47.26	4.53	4.63	23.57	23.77	30.83	31.03
2011	30.22	30.32	3.87	3.93	46.52	46.92	3.67	3.77	23.21	23.41	30.63	30.83
2012	28.98	29.08	3.72	3.78	46.60	47.00	3.37	3.47	23.64	23.84	30.06	30.26
2013	29.72	29.82	3.81	3.87	49.01	49.41	2.80	2.90	23.45	23.65	26.46	26.66
2014	31.58	31.68	4.05	4.11	49.02	49.42	2.68	2.78	23.82	24.02	25.79	25.99
2015	32.78	32.88	4.21	4.27	48.50	48.90	2.06	2.16	23.15	23.35	23.89	24.09

  

End of year	Swiss franc		Thai baht		Canadian dollar		Euro		Renminbi (2)		Yen	
	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling	Buying	Selling
1981	20.99	21.10	-	-	31.89	32.05	-	-	...	...	0.1696	0.1746
1986	21.76	21.87	-	-	25.61	25.73	-	-	...	...	0.2203	0.2238
1991	18.89	19.14	-	-	22.15	22.34	-	-	-	-	0.2037	0.2082
1996	20.30	20.50	-	-	19.99	20.19	-	-	-	-	0.2352	0.2392
2001	20.81	21.01	0.7847	0.8047	21.91	22.11	30.78	31.18	-	-	0.2646	0.2688
2006	26.59	26.79	0.8935	0.9335	27.98	28.18	42.73	43.13	-	-	0.2720	0.2760
2007	28.74	28.94	1.0679	1.1079	33.07	33.27	47.59	47.99	-	-	0.2876	0.2916
2008	30.98	31.18	0.9300	0.9600	26.91	27.11	46.07	46.47	-	-	0.3616	0.3656
2009	30.92	31.12	0.9446	0.9896	30.35	30.55	45.89	46.29	-	-	0.3451	0.3491
2010	32.31	32.51	0.9965	1.0415	30.30	30.50	40.37	40.77	-	-	0.3713	0.3753
2011	32.06	32.32	0.9442	0.9842	29.56	29.76	38.97	39.37	-	-	0.3885	0.3925
2012	31.70	31.96	0.9323	0.9723	29.09	29.29	38.28	38.68	-	-	0.3343	0.3383
2013	33.32	33.58	0.8915	0.9315	27.87	28.07	40.83	41.23	4.89	4.94	0.2815	0.2855
2014	31.83	32.09	0.9454	0.9854	27.14	27.34	38.24	38.64	5.08	5.12	0.2623	0.2663
2015	33.07	33.33	0.8939	0.9339	23.55	23.75	35.68	36.08	4.97	5.02	0.2707	0.2747

**Note:** The rates in the table are spot exchange rates.

(1) Spot exchange rates of the N.T. dollar against the U.S. dollar are bank-customer rates, and beginning Dec. 1991, figures are quoted by First Commercial Bank. (2) In view of the development where authorized foreign exchange banks has commenced renminbi business since Feb. 2013. So, data in the table would, beginning Oct. 2013, include the spot exchange rates of renminbi.

**Source:** Central Bank

Table 88. Balance of payments

Million US\$

Year	Current account (1)					Capital account (1)			Balance on current and capital account (C)=(A)+(B)
	(A)	Balance on goods	Balance on services	Balance on primary income	Balance on secondary income	(B)	credit	debit	
2001	17 072	25 564	- 11 408	5 650	- 2 734	- 41	0	41.00	17 031
2002	24 336	31 007	- 11 077	6 898	- 2 492	- 43	1	44.00	24 293
2003	28 288	34 141	- 12 582	9 448	- 2 719	- 18	1	19.00	28 270
2004	17 296	24 921	- 14 784	10 984	- 3 825	- 2	6	8.00	17 294
2005	14 949	24 532	- 14 320	9 001	- 4 264	- 46	1	47.00	14 903
2006	23 151	31 444	- 13 939	9 581	- 3 935	- 63	4	67	23 088
2007	32 044	38 482	- 12 787	10 132	- 3 783	- 25	3	28	32 019
2008	24 821	29 171	- 11 530	9 978	- 2 798	- 270	3	273	24 551
2009	40 650	39 371	- 9 100	12 524	- 2 145	- 50	2	52	40 600
2010	36 843	37 015	- 11 038	13 576	- 2 710	- 49	5	54	36 794
2011	37 898	39 652	- 11 242	13 179	- 3 691	- 36	3	39	37 862
2012	44 358	49 583	- 17 203	14 593	- 2 615	- 24	4	28	44 334
2013	51 294	54 567	- 13 790	13 520	- 3 003	67	103	36	51 361
2014	61 919	60 209	- 10 014	14 517	- 2 793	- 8	29	37	61 911
2015	75 788	72 835	- 10 407	16 737	- 3 377	- 5	15	20	75 783
Year	Financial account (1)					Total (E)=(A)+(B)-(D)	Net errors and omissions (F)	Reserves and related items (G)	
	(D)	Direct investment	Portfolio investment	Financial derivatives	Others				
2001	355	1 371	228	1 034	-2,278.00	16,676.00	677	17 353	
2002	- 8 864	3 441	8 826	127	-21,258.00	33,157.00	507	33 664	
2003	- 7 735	5 229	5 197	108	-18,269.00	36,005.00	1 087	37 092	
2004	- 7 317	5 247	4 669	695	- 17 928	24 611	1 984	26 595	
2005	- 2 340	4 403	2 857	965	- 10 565	17 243	2 813	20 056	
2006	19 601	- 25	18 965	965	- 304	3 487	2 599	6 086	
2007	38 932	3 338	40 062	289	- 4 757	- 6 913	2 893	- 4 020	
2008	1 641	4 855	12 250	- 1 589	- 13 875	22 910	3 364	26 274	
2009	- 13 488	3 072	10 327	- 852	- 26 035	54 088	38	54 126	
2010	339	9 082	20 664	- 577	- 28 830	36 455	3 718	40 173	
2011	32 027	14 723	35 691	- 1 038	- 17 349	5 835	404	6 239	
2012	32 669	9 930	42 496	- 391	- 19 366	11 665	3 819	15 484	
2013	42 489	10 687	29 129	- 838	3 511	8 872	2 446	11 318	
2014	52 746	9 872	44 041	- 546	- 621	9 165	3 850	13 015	
2015	68 365	12 296	57 199	1 184	- 2 314	7 418	7 593	15 011	

**Note:** (1) It excludes components that have been classified in the categories of reserves and related items.

**Source:** Central Bank

**Table 89. Number of financial institutions**

Numbers

End of year	Total	Domestic banks (1)	Foreign banks (2)	Credit co- operative associations	Credit departments of farmers' associations	Credit departments of fishermen's associations	Bills finance companies
2008	5 475	3 426	168	298	1 077	67	43
2009	5 461	3 445	160	284	1 086	67	42
2010	5 474	3 504	117	287	1 086	67	39
2011	5 508	3 538	117	280	1 092	68	38
2012	5 534	3 604	76	279	1 094	68	38
2013	5 551	3 632	64	281	1 100	69	38
2014	5 564	3 659	63	269	1 101	69	38
2015	5 577	3 654	64	276	1 104	70	38

**Note:** Data in the table do not include Central Bank, Central Deposit Insurance Corporation and credit card companies.

(1) Including the Department of Savings & Remittances, Chunghwa Post Co.

(2) Including local branches of Mainland Chinese Banks

**Source:** Central Bank

**Table 89. Number of financial institutions** (continued)

End of year	Numbers							
	Securities finance companies	Domestic life insurance companies (3)	Domestic property and casualty insurance companies	Domestic reinsurance companies	Foreign life insurance companies	Foreign property and casualty insurance companies	Foreign reinsurance companies	Financial holding companies
2008	8	162	192	-	7	8	4	15
2009	8	151	185	-	8	6	4	15
2010	6	152	185	-	7	6	3	15
2011	6	153	185	1	6	6	2	16
2012	6	153	185	1	6	6	2	16
2013	6	146	185	1	5	6	2	16
2014	6	146	185	1	4	5	2	16
2015	6	151	186	1	4	5	2	16

**Note:** (3) Including Life Insurance Department of Chunghwa Post Co.



# **REVENUES AND EXPENDITURES OF GOVERNMENT**

Table 90. Net government revenues of all levels

Million NT\$

Fiscal Year	Total	Revenues from taxes	Revenues from monopolies	Revenues from fines & indemnities	Revenues from fees
1976	156 124	106 983	14 784	2 258	5 368
1981	411 712	281 087	33 963	6 239	11 998
1991	1 049 931	748 508	60 113	13 815	23 846
1996	1 604 184	1 141 838	55 959	31 918	59 939
2001	1 896 841	1 200 278	57 563	41 996	76 932
2006	2 177 018	1 556 652	-	42 488	91 135
2007	2 244 758	1 685 875	-	44 646	96 579
2008	2 231 614	1 710 617	-	46 690	94 302
2009	2 113 644	1 483 518	-	41 402	92 008
2010	2 115 554	1 565 847	-	43 021	96 458
2011	2 306 173	1 703 989	-	41 675	96 251
2012	2 321 205	1 733 350	-	66 652	96 018
2013	2 457 632	1 768 817	-	43 931	215 028
2014	2 508 815	1 917 609	-	43 293	99 805
2015	2 662 327	2 076 623	-	48 856	128 145

  

Fiscal Year	Revenues from surplus of public enterprises	Interest earnings, sales waste material	Sales properties, assessing value of properties & recalled capital	Revenues from donations & gifts	Others
1976	16 570	886	4 061	241	4 973
1981	41 107	1 693	20 831	1 213	13 582
1991	94 835	5 949	52 395	620	49 851
1996	181 094	16 346	53 241	875	62 975
2001	346 581	20 319	87 762	3 748	61 662
2006	325 939	14 414	82 994	6 947	56 449
2007	291 799	15 103	55 724	7 845	47 188
2008	264 918	14 249	50 425	8 862	41 550
2009	330 928	14 110	72 232	8 657	70 789
2010	286 479	16 085	53 532	12 204	41 928
2011	293 954	14 220	67 268	9 333	79 484
2012	298 007	16 388	62 102	11 982	36 707
2013	275 040	20 821	87 241	11 945	34 809
2014	271 916	33 372	92 611	11 602	38 607
2015	262 085	28 279	69 922	10 113	38 305

**Note:** 1. Before 2003, the figures are final audit accounts; 2003 to 2015, the figures are final accounts.

2. Net Revenues exclude the bond issuance and borrowing and appropriation from previous year's surplus.

**Source:** 1. Ministry of Finance  
2. National Audit Office



**Table 91. Net government expenditures of all levels**

Million NT\$

Fiscal Year	Total	Expenditures for general administration	Expenditures for national defense	Expenditures for education, science & culture	Expenditures for economic development
1976	146 594	17 859	37 013	23 783	47 603
1981	425 731	42 219	104 623	75 409	145 365
1991	1 275 613	153 278	227 099	288 077	322 087
1996	1 843 786	243 973	284 926	374 401	329 135
2001	2 271 755	328 736	247 597	430 078	398 792
2006	2 214 226	345 237	234 699	484 827	341 944
2007	2 290 169	343 950	255 854	492 625	383 298
2008	2 343 585	350 500	262 150	495 515	432 335
2009	2 670 898	357 412	297 746	581 535	601 896
2010	2 566 804	368 420	286 929	554 254	517 039
2011	2 612 947	376 015	288 889	588 555	473 801
2012	2 677 984	388 759	303 903	595 622	403 945
2013	2 665 241	381 641	292 646	599 058	393 669
2014	2 645 712	380 634	291 418	618 139	399 261
2015	2 645 258	382 560	304 636	634 793	352 799

  

Fiscal Year	Expenditures for social welfare	Expenditures for community development & environmental protection	Expenditures for retirement and condolence	Expenditures for obligations (1)	Others
1976		16 940		763	2 632
1981	16 549	9 109	25 637	1 756	5 064
1991	117 772	33 089	88 320	33 398	12 492
1996	290 002	68 035	137 118	106 061	10 135
2001	396 981	109 597	175 722	171 565	12 687
2006	370 303	88 849	196 963	138 331	13 072
2007	372 202	87 282	200 677	139 380	14 901
2008	368 136	82 157	202 228	134 697	15 867
2009	388 562	91 639	205 291	129 484	17 333
2010	415 356	89 388	201 002	119 615	14 801
2011	446 922	88 872	213 039	121 120	15 735
2012	540 440	85 380	218 355	124 937	16 643
2013	536 912	104 932	209 680	128 453	18 250
2014	517 143	84 293	213 708	125 171	15 945
2015	532 100	82 504	218 509	120 640	16 717

**Note:** 1. Before 2003, the figures are final audit accounts; 2003 to 2015, the figures are final accounts.

2. Net Expenditures exclude the debt repayment.

(1) Principal repayment are excluded.

**Source:** 1. Ministry of Finance  
2. National Audit Office

Table 92. Total net tax revenues

Million NT\$

Fiscal Year	Total	Customs duties	Income tax	Estate and gift tax	Commodity tax	Securities transaction tax	Futures transaction tax	Tobacco and alcohol tax	Specifically selected goods and services tax	Business tax
2001	1 257 841	92 558	478 636	22 710	133 883	63 899	1 862	-	-	203 707
2002	1 225 601	85 901	392 939	23 537	143 641	76 794	2 864	41 188	-	214 735
2003	1 252 766	82 783	411 087	30 106	146 012	69 283	4 806	49 773	-	197 521
2004	1 387 300	78 885	455 914	29 048	159 644	84 148	8 272	48 336	-	233 460
2005	1 567 396	82 374	625 807	30 451	168 411	68 204	6 342	50 443	-	237 531
2006	1 600 804	79 567	646 218	28 694	159 201	89 954	4 072	51 042	-	236 931
2007	1 733 895	81 859	730 160	28 481	149 037	128 895	5 758	50 415	-	246 137
2008	1 760 438	80 426	834 988	28 978	126 660	90 630	6 692	49 506	-	243 961
2009	1 530 282	68 827	640 967	22 327	127 879	105 956	3 750	45 349	-	223 503
2010	1 622 244	89 484	590 387	40 330	150 777	104 574	4 556	44 516	-	268 214
2011	1 764 611	96 323	710 191	23 659	164 877	93 990	5 860	44 660	2 206	283 884
2012	1 796 697	94 918	760 810	28 280	160 897	71 940	4 298	44 939	4 275	281 817
2013	1 834 124	97 009	743 290	23 728	162 504	71 383	2 669	44 769	5 318	303 039
2014	1 976 107	107 142	813 484	25 444	172 897	88 711	2 862	43 810	5 401	335 088
2015	2 134 857	110 978	936 731	32 736	183 131	82 033	3 783	44 160	4 192	335 761

Source: Ministry of Finance

**Table 92. Total net tax revenues (continued)**

Million NT\$

Fiscal Year	Land tax	House tax	Vehicle license tax	Deed tax	Stamp tax	Amusement tax	Special and provisional tax levies (1)	Education surtax	Financial enterprises business tax	Health and welfare surcharge on tobacco
2001	93 182	48 056	44 688	8 493	7 036	1 533	-	25	-	-
2002	98 069	46 464	45 886	10 262	6 911	1 649	-	23	26 083	8 298
2003	111 803	48 013	47 765	11 600	7 786	1 751	-	18	22 433	10 217
2004	133 893	49 323	49 904	12 937	7 771	1 862	-	9	24 230	9 661
2005	135 370	50 877	51 863	13 178	8 458	1 979	-	10	25 712	10 387
2006	131 208	52 494	52 548	14 014	8 714	1 986	-	8	26 644	17 508
2007	133 691	53 883	53 271	13 637	8 837	1 809	-	5	28 131	19 888
2008	116 082	55 343	53 255	12 696	9 650	1 745	-	5	29 706	20 115
2009	112 367	56 347	53 050	13 066	8 464	1 666	-	0	21 853	24 911
2010	136 357	58 203	54 052	13 815	8 945	1 646	-	-9	21 602	34 795
2011	141 982	59 467	55 380	12 640	9 397	1 676	-	1	23 806	34 609
2012	143 849	61 796	56 534	11 693	10 009	1 566	-	2	24 720	34 352
2013	174 081	63 013	57 759	13 560	10 377	1 634	-	1	24 932	35 057
2014	173 175	64 673	59 326	12 535	10 644	1 624	793	0	25 609	32 889
2015	184 598	69 422	61 679	13 827	11 285	1 633	667	7	25 137	33 097

**Note:** (1) Including the special tax levies and the provisional tax levies which are imposed on the disposal of construction surplus, mining and quarrying



# ADMINISTRATION

**Table 93. Legislator election summary**

Persons, Years

Term	Population	Eligible voters	Election Date	Candidates		Electees		Electee's average age	Electee's education degree above college	Turnouts	Turnout ratio (%)
					Female		Female				
The 1st term	...	...	1948.01	...	...	760	...	...	...	...	...
The 2nd term	20 685 341	13 421 170	1992.12.19	403	...	161	...	46	144	9 666 021	72.02
The 3rd term	21 258 039	14 153 424	1995.12.02	397	50	164	23	47	147	9 574 388	67.65
The 4th Term	21 833 772	14 961 930	1998.12.05	498	86	225	43	48	192	10 188 302	68.09
The 5th term	22 350 363	15 822 583	2001.12.01	584	110	225	50	49	206	10 468 990	66.16
The 6th term	22 640 250	16 559 254	2004.12.11	492	96	225	47	50	430	9 796 299	59.16
The 7th term	22 925 311	17 179 656	2008.01.12	423	121	113	34	52	102	10 050 619	58.50
The 8th term	23 224 912	17 980 578	2012.01.14	410	131	113	38	52	105	13 390 326	74.47
The 9th term	23 483 793	18 692 217	2016.01.16	556	187	113	43	50	104	12 400 029	66.34

Source: Central Election Commission

**Table 94. Number of all civil servants**

I . By educational attainment

Persons

End of Year & Sex	Grand total	Graduate school			University	College	High (vocational) school	Junior high school & under
		Total	Ph.D. degree	M.A. degree				
1971	302 019	3 040	-	-	57 503	43 558	113 917	84 001
1981	442 991	8 560	1 859	6 701	102 900	120 382	149 183	61 966
1991	574 658	22 275	6 274	16 001	167 377	176 828	170 502	37 676
1996	442 972	17 214	2 085	15 129	102 418	141 271	157 225	24 844
2001	395 523	22 214	2 398	19 816	100 410	140 841	118 154	13 904
2006	335 274	33 953	2 414	31 539	105 999	116 381	74 340	4 601
2007	336 842	37 438	2 487	34 951	110 211	114 064	70 889	4 240
2008	338 305	41 681	2 712	38 969	115 382	111 268	66 181	3 793
2009	339 875	46 007	2 906	43 101	120 109	108 130	62 255	3 374
2010	340 106	51 391	3 150	48 241	125 430	104 138	56 321	2 826
2011	343 323	56 580	3 371	53 209	131 514	100 455	52 014	2 760
2012	343 861	61 202	3 593	57 609	136 508	95 682	48 060	2 409
2013	346 059	65 790	3 812	61 978	141 322	92 686	44 226	2 035
2014	347 816	70 259	4 035	66 224	145 484	89 788	40 467	1 818
2015	347 552	74 370	4 192	70 178	148 766	86 476	36 364	1 576
By sex								
Male	202 669	44 980	3 290	41 690	69 791	58 190	28 326	1 382
Female	144 883	29 390	902	28 488	78 975	28 286	8 038	194

Source: Ministry Of Civil Service

**Table 94. Number of all civil servants (continued)**

## II. By age

Persons

End of Year	Grand Total	Average age (Years)	18-25	25-30	30-35	35-40
1971	302 019	40.32	23 278	40 919	42 881	37 058
1981	442 991	39.87	32 663	76 609	80 357	53 602
1991	574 658	39.55	41 665	79 142	97 325	104 417
1996	442 972	40.00	20 843	57 293	74 828	79 804
2001	395 523	42.09	4 200	34 461	63 341	69 026
2006	335 274	42.88	4 454	16 010	42 356	64 009
2007	336 842	43.10	4 883	18 269	38 037	62 979
2008	338 305	43.19	5 892	20 818	35 084	59 655
2009	339 875	43.38	5 718	22 202	33 750	55 813
2010	340 106	43.42	5 121	24 982	34 209	51 521
2011	343 323	43.49	5 291	25 978	36 391	48 805
2012	343 861	43.39	6 074	26 166	40 488	45 551
2013	364 059	43.38	6 609	26 550	43 493	43 605
2014	347 816	43.37	7 876	26 052	45 337	43 103
2015	347 552	43.31	8 935	25 688	46 390	43 977
End of Year	40-45	45-50	50-55	55-60	60-65	65 Years and over
1971	46 105	51 579	32 466	17 580	8 477	1 676
1981	47 499	39 400	51 130	42 128	17 883	1 720
1991	87 625	55 622	44 658	32 783	28 151	3 270
1996	77 539	58 963	31 591	25 354	14 814	1 943
2001	73 001	69 963	46 489	20 554	13 104	1 384
2006	64 077	62 346	46 285	25 203	9 124	1 410
2007	63 383	63 413	47 551	27 220	9 711	1 396
2008	63 877	64 098	48 915	28 345	10 834	787
2009	65 753	64 184	49 871	29 338	12 525	721
2010	66 415	63 946	49 545	30 369	13 472	526
2011	65 672	64 117	49 636	30 728	15 875	830
2012	65 143	63 894	48 928	30 449	16 282	886
2013	62 607	64 624	48 931	31 676	16 964	1 000
2014	58 759	66 345	49 160	32 484	17 693	1 007
2015	54 660	67 228	49 045	32 445	18 073	1 111