

# **Taiwan Statistical Data Book**

**2013**

Council for Economic Planning and Development  
Executive Yuan, R.O.C. (Taiwan)



# Preface

- I. The *Taiwan Statistical Data Book* is designed to give domestic and foreign readers concise statistical information on present-day Taiwan, Republic of China. The statistics cover demographic, economic, social, cultural and physical aspects. This book is produced only in English.
- II. In view of the development of science and technology and the rapid changes in the social and economic structure in recent years, adjustments have been made to some statistical items in the 2013 edition, to better reflect environmental change.
- III. This book is also available in e-format on our website at [www.cepd.gov.tw](http://www.cepd.gov.tw).

July 2013

# Taiwan Statistical Data Book

## Explanatory Notes

- I. Statistical data published herein are compiled from material collected from various agencies concerned.
- II. The metric system of measurement and calendar year are used unless otherwise specified.
- III. Figures which appeared in previous editions have been updated, wherever necessary.
- IV. Symbols:
  - (—) indicates inapplicability, discontinuity, etc.;
  - (...) indicates unavailability of statistical data;
  - (0) indicates that a figure is zero or less than half of the unit of measurement.

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**ABSTRACT OF KEY ECONOMIC  
AND SOCIAL STATISTICS**



1-a. International Comparison of Economic Growth Rates, Foreign  
Exchange Rates, and External Accounts  
A. Economic Growth Rates

Unit: %

Year	Rep. of China	Hong Kong	Indonesia	India	Japan	Rep. of Korea	Mainland China	Malaysia	Philippines
2004	6.2	8.5	5.0	7.6	2.4	4.6	10.1	6.8	6.7
2005	4.7	7.1	5.7	9.0	1.3	4.0	11.3	5.3	4.8
2006	5.4	7.0	5.5	9.5	1.7	5.2	12.7	5.8	5.2
2007	6.0	6.4	6.3	10.0	2.2	5.1	14.2	6.5	6.6
2008	0.7	2.3	6.0	6.2	-1.0	2.3	9.6	4.8	4.2
2009	-1.8	-2.6	4.6	6.6	-5.5	0.3	9.2	-1.6	1.1
2010	10.7	7.0	6.2	10.6	4.4	6.3	10.4	7.2	7.6
2011	4.0	5.0	6.5	7.2	-0.7	3.6	9.2	5.1	3.7
2012	1.3	1.4	6.2	4.0	1.9	2.0	7.8	5.6	6.6

  

Year	Singapore	Thailand	Australia	France	Germany	Italy	Switzerland	United Kingdom	United States
2004	9.2	6.3	4.1	2.3	0.7	1.7	2.5	3.0	3.5
2005	7.4	4.6	3.1	1.9	0.8	0.9	2.6	2.1	3.1
2006	8.8	5.1	2.7	2.7	3.9	2.2	3.6	2.6	2.7
2007	8.9	5.0	4.7	2.2	3.4	1.7	3.6	3.5	1.9
2008	1.7	2.6	2.5	-0.2	0.8	-1.2	2.1	-1.1	-0.3
2009	-1.0	-2.3	1.4	-2.6	-5.1	-5.5	-1.9	-4.4	-3.5
2010	14.8	7.8	2.5	1.4	3.6	1.8	2.7	2.1	3.0
2011	4.9	0.1	2.0	1.7	3.1	0.4	1.9	0.7	1.7
2012	1.3	6.4	3.6	0.2	0.7	-2.4	1.0	0.0	2.2

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

2. IMF, *International Financial Statistics*, April 2013.

1-b. International Comparison of Economic Growth Rates, Foreign  
Exchange Rates, and External Accounts (Continued)  
B. Exchange Rates (vs. US Dollar)

Unit: National Currency per U.S. Dollar

End of Year	Rep. of China	Hong Kong	Indonesia	India	Japan	Rep. of Korea	Mainland China	Malaysia
	N.T. Dollar	H.K. Dollar	Rupiah	Rupee	Yen	Won	Yuan	Ringgit
2005	32.8500	7.7525	9,830	45.07	118.0	1,011.6000	8.0702	3.7800
2006	32.5960	7.7735	9,020	44.25	119.0	929.8000	7.8051	3.5315
2007	32.4430	7.8015	9,419	39.42	114.0	936.1000	7.3041	3.3065
2008	32.8600	7.7505	10,950	48.46	90.8	1,259.5000	6.8230	3.4640
2009	32.0300	7.7555	9,400	46.68	92.1	1,164.5000	6.8270	3.4245
2010	30.3680	7.7745	8,991	44.81	81.5	1,134.8000	6.5933	3.0835
2011	30.2900	7.7690	9,068	53.27	77.7	1,153.3000	6.3009	3.1770
2012	29.6140	7.7564	9,387	53.41	79.8	1,126.4708	6.3123	3.0888

End of Year	Philippines	Singapore	Thailand	Australia	New Zealand	Eurozone	Switzerland	United Kingdom
	Peso	S. Dollar	Baht	A. Dollar	N.Z. Dollar	Euro	Franc	Pound
2005	53.067	1.6642	41.0299	1.3630	1.4676	0.848	1.3143	0.5808
2006	49.132	1.5336	36.0455	1.2637	1.4166	0.759	1.2203	0.5094
2007	41.401	1.4412	33.7184	1.1343	1.2920	0.679	1.1255	0.4992
2008	47.485	1.4392	34.8977	1.4434	1.7286	0.719	1.0637	0.6860
2009	46.356	1.4034	33.3197	1.1150	1.3856	0.694	1.0305	0.6175
2010	43.885	1.2875	30.1513	0.9840	1.2977	0.748	0.9396	0.6388
2011	43.928	1.3007	31.6912	0.9846	1.2965	0.773	0.9409	0.6468
2012	42.229	1.2497	31.0831	0.9658	1.2356	0.778	0.9366	0.6308

Sources: 1. Central Bank of the Republic of China (Taiwan), *Financial Statistics Monthly, Republic of China (Taiwan)*, April 2013.

2. Global Insight, *Datinsight-web*, May 15, 2013.

1-c. International Comparison of Economic Growth Rates, Foreign  
Exchange Rates, and External Accounts (Continued)  
C. Current Account Balances, External Debts, and Foreign Exchange Holdings

Unit: US\$ billion

Year	Rep. of China	Hong Kong	Singapore	Rep. of Korea	Thailand	India	Indonesia	Malaysia	Mainland China
<b>External Current Account Balance</b>									
2006	26.3	22.9	32.4	13.8	2.3	-9.6	10.9	26.2	232.7
2007	35.2	25.5	41.7	22.1	15.7	-15.7	10.5	29.8	354.0
2008	27.5	29.5	21.2	3.2	2.2	-28.7	0.1	38.9	412.4
2009	42.9	18.0	24.6	31.9	21.9	-38.7	10.6	31.8	261.1
2010	39.9	12.4	55.7	28.3	13.2	-44.4	5.1	27.3	305.4
2011	41.6	12.9	57.0	26.9	11.9	-66.5	2.1	31.9	201.7
2012	49.6	9.2	57.0	42.4	4.3	-71.4	-14.5	28.2	229.3
<b>External Debt (End of Year)</b>									
2006	85.8	25.3	0.0	260.1	45.9	158.5	125.3	54.9	322.8
2007	94.5	43.1	0.0	380.7	45.3	202.9	133.8	61.4	373.1
2008	90.4	57.3	0.0	228.7	49.8	226.0	147.6	66.1	379.8
2009	82.0	51.4	0.0	200.8	57.9	250.0	162.9	66.3	432.2
2010	101.6	37.4	0.0	211.1	71.3	290.3	179.1	81.5	548.6
2011	122.5	26.0	0.0	206.1	71.0	333.1	195.2	84.0	695.0
2012	130.8	88.1	0.0	413.4	112.2	376.3	243.6	111.2	737.0
<b>Foreign Exchange Holdings (End of Year)</b>									
2006	266.1	133.2	136.0	238.9	65.3	170.7	41.1	82.1	1,068.5
2007	270.3	152.6	162.7	262.2	85.2	267.0	55.0	101.0	1,530.3
2008	291.7	182.5	174.0	201.1	108.7	247.4	49.6	91.1	1,949.3
2009	348.2	255.8	187.6	269.9	135.5	265.2	63.6	95.4	2,416.0
2010	382.0	268.6	225.5	291.5	167.5	275.3	92.9	104.9	2,866.1
2011	385.5	285.3	237.7	304.3	167.4	271.3	106.5	131.8	3,202.8
2012	403.2	304.7	259.1	327.4	179.2	295.2	105.2	140.3	3,312.0

Sources: 1. Global Insight, *Datainsight-web*, May 2013.

2. Central Bank of the Republic of China (Taiwan), *Financial Statistics Monthly, Republic of China (Taiwan)*, April 2013.

2-a. Sources of Taiwan's Economic Growth  
A. By Expenditure

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Real Growth Rate (%)</b>									
Gross Domestic Product	6.2	4.7	5.4	6.0	0.7	-1.8	10.7	4.0	1.3
Domestic Demand	7.4	1.8	1.0	1.4	-2.4	-3.7	9.8	0.3	-2.3
Private Consumption	5.2	2.9	1.5	2.1	-0.9	0.8	3.7	3.0	1.5
Government Consumption	0.6	0.2	-0.7	2.1	0.8	4.0	0.6	1.9	0.5
Fixed Capital Formation	14.0	2.7	0.1	0.6	-12.4	-11.2	24.0	-3.9	-4.2
Private	25.6	1.5	3.3	1.4	-15.6	-18.1	33.8	-2.5	-2.1
Government	-9.6	2.8	-11.2	-4.5	1.2	15.9	-3.1	-5.4	-12.5
Public Enterprises	-20.6	14.8	-8.6	1.6	-2.0	2.1	8.0	-14.3	-8.3
Increase in Inventory	...	...	...	...	...	...	...	...	...
Net Exports of Goods & Services	...	...	...	...	...	...	...	...	...
Exports of Goods & Services	15.4	7.8	11.4	9.6	0.9	-8.7	25.6	4.5	0.1
(Less): Imports of Goods & Services	17.5	3.2	4.6	3.0	-3.7	-13.1	28.2	-0.7	-2.1
<b>Contribution (percentage point)</b>									
Gross Domestic Product	6.2	4.7	5.4	6.0	0.7	-1.8	10.7	4.0	1.3
Domestic Demand	7.3	1.8	0.9	1.3	-2.1	-3.2	8.3	0.3	0.1
Private Consumption	3.3	1.8	0.9	1.2	-0.5	0.4	2.1	1.6	0.8
Government Consumption	0.1	0.03	-0.1	0.3	0.1	0.5	0.1	0.2	0.1
Fixed Capital Formation	3.1	0.6	0.0	0.1	-2.6	-2.1	4.0	-0.7	-0.7
Private	4.0	0.3	0.6	0.2	-2.6	-2.6	4.0	-0.4	-1.2
Government	-0.4	0.1	-0.4	-0.1	0.0	0.5	-0.1	-0.2	-11.8
Public Enterprises	-0.5	0.2	-0.2	0.02	-0.03	0.03	0.1	-0.2	-7.8
Increase in Inventory	0.9	-0.6	0.1	-0.3	0.9	-2.1	2.2	-0.8	-0.1
Net Exports of Goods & Services	-1.2	2.9	4.5	4.6	2.8	1.4	2.4	3.8	1.3
Exports of Goods & Services	8.9	4.9	7.3	6.5	0.6	-6.1	16.7	3.4	0.1
(Less): Imports of Goods & Services	10.0	2.0	2.9	1.8	-2.2	-7.5	14.4	-0.4	-1.2

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

## 2-b. Sources of Taiwan's Economic Growth (Continued)

## B. By Industry

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Real Growth Rate (%)									
Gross Domestic Product	6.2	4.7	5.4	6.0	0.7	-1.8	10.7	4.0	1.3
Agriculture	-5.4	-4.2	13.8	-2.4	0.1	-3.0	1.2	2.7	-4.4
Industry	9.5	6.9	7.8	9.0	0.2	-4.1	23.0	4.3	0.9
Mining and Quarrying	-1.4	-5.4	-22.3	20.4	-11.2	4.4	11.2	1.9	10.4
Manufacturing	10.3	7.9	9.0	9.8	1.0	-4.3	25.4	4.9	1.0
Electricity and Gas Supply	4.4	4.7	3.8	4.5	-2.6	-0.2	6.7	2.8	0.8
Water Supply & Remediation Services	10.1	8.4	9.5	10.6	3.0	0.7	3.9	1.1	1.2
Construction	7.1	1.3	2.9	1.5	-5.5	-6.8	11.3	-0.5	-1.0
Services	5.2	3.9	4.2	4.4	1.1	-0.5	5.4	3.1	0.8
Wholesale and Retail Trade	6.4	6.2	5.0	5.9	2.2	-1.0	4.8	4.3	0.1
Transportation and Storage	5.3	2.1	3.0	4.6	0.5	-3.5	7.7	2.6	1.0
Accommodation and Food Services	4.2	5.9	5.0	4.0	-1.6	-1.3	9.4	7.2	1.8
Information and Communications	6.1	2.5	3.2	3.6	5.0	4.2	8.3	4.9	3.9
Finance and Insurance	7.7	4.3	2.5	6.1	-2.2	-7.7	6.3	3.9	-0.1
Real Estate	4.2	4.3	8.3	5.3	0.7	1.9	3.3	1.2	0.9
Professional, Scientific & Technical Services	6.3	3.2	11.5	8.6	-0.4	2.8	7.0	3.3	-1.7
Supporting Services	10.6	11.1	14.6	8.7	7.2	-1.8	8.0	5.3	4.6
Public Administration and Defence	0.8	1.5	-0.1	-1.2	0.8	0.8	3.1	0.4	1.1
Educational Services	3.5	1.6	3.9	2.6	0.7	2.4	1.0	1.1	1.2
Human Health Services	2.2	-1.7	-0.1	4.9	3.0	4.8	1.8	2.5	1.7
Others	7.1	3.7	3.0	2.9	-0.1	-2.1	11.8	3.2	3.2
Statistical discrepancy	...	...	...	...	...	...	...	...	...

2-b. Sources of Taiwan's Economic Growth (Continued)

B. By Industry

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Contribution (percentage point)									
Gross Domestic Product	6.2	4.7	5.4	6.0	0.7	-1.8	10.7	4.0	1.3
Agriculture	-0.1	-0.1	0.2	-0.04	0.001	-0.04	0.02	0.04	-0.06
Industry	2.8	2.1	2.4	2.8	0.1	-1.3	7.2	1.5	0.3
Mining and Quarrying	-0.01	-0.03	-0.1	0.1	-0.04	0.01	0.04	0.01	0.04
Manufacturing	2.5	2.0	2.3	2.6	0.3	-1.2	6.8	1.5	0.30
Electricity and Gas Supply	0.1	0.1	0.0	0.1	-0.03	-0.002	0.1	0.03	0.01
Water Supply & Remediation Services	0.1	0.05	0.1	0.1	0.02	0.005	0.03	0.01	0.01
Construction	0.2	0.04	0.1	0.0	-0.1	-0.2	0.3	-0.01	-0.02
Services	3.6	2.6	2.9	3.0	0.7	-0.4	3.6	2.0	0.52
Wholesale and Retail Trade	1.1	1.1	0.9	1.1	0.4	-0.2	0.9	0.7	0.02
Transportation and Storage	0.2	0.1	0.1	0.1	0.02	-0.1	0.2	0.1	0.03
Accommodation and Food Services	0.1	0.1	0.1	0.1	-0.03	-0.02	0.2	0.1	0.03
Information and Communications	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.14
Finance and Insurance	0.6	0.3	0.2	0.4	-0.2	-0.5	0.4	0.2	-0.01
Real Estate	0.4	0.4	0.7	0.5	0.1	0.2	0.3	0.1	0.08
Professional, Scientific & Technical Services	0.1	0.1	0.2	0.2	0.0	0.1	0.2	0.1	-0.03
Supporting Services	0.1	0.1	0.2	0.1	0.1	-0.03	0.1	0.1	0.06
Public Administration and Defence	0.1	0.1	-0.005	-0.1	0.1	0.1	0.2	0.03	0.07
Educational Services	0.2	0.1	0.2	0.1	0.03	0.1	0.05	0.05	0.05
Human Health Services	0.1	-0.1	-0.002	0.1	0.1	0.1	0.1	0.1	0.05
Others	0.5	0.3	0.2	0.2	-0.01	-0.1	0.7	0.2	0.09
Statistical discrepancy	-0.1	0.1	-0.03	0.2	-0.05	-0.1	-0.1	0.6	0.48

## 2-c. Sources of Taiwan's Economic Growth (Continued)

## C. By Input

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Contribution (percentage point)									
Gross Domestic Product	6.2	4.7	5.4	6.0	0.7	-1.8	10.7	4.0	1.3
Increase in Employment	2.22	1.60	1.70	1.81	1.06	-1.20	2.1	2.1	...
Increase in Labor Productivity	4.0	3.1	3.7	4.2	-0.3	-0.6	8.6	1.9	...
Contribution (%)									
Gross Domestic Product	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Increase in Employment	35.9	34.0	31.3	30.3	145.2	66.3	19.5	51.8	...
Increase in Labor Productivity	64.1	66.0	68.7	69.7	-45.2	33.7	80.5	48.2	...

## 3-a. Taiwan's Macroeconomic Performance

## A. Economic Growth and Price Changes

Unit: %

Period	Economic Growth Rate	Change in Consumer Prices				Change in Wholesale Prices						
		Excluding Food			Services	Excluding Exports					Exports	
		Core (excluding fresh fruits, vegetables, fish and shellfish, and energy)	Domestic Sales of Local Products	Imports		in NT\$	in US\$	in NT\$	in US\$			
				in NT\$						in US\$		
1995	6.4	3.7	3.4	3.5	3.8	7.4	7.6	6.4	10.1	10.1	6.9	6.8
1996	5.5	3.1	2.7	3.1	3.4	-1.0	-2.0	-1.8	-2.5	-6.0	1.7	-2.0
1997	5.5	0.9	1.6	1.0	2.4	-0.5	-1.4	-1.4	-1.4	-5.6	2.0	-2.3
1998	3.5	1.7	0.7	1.0	2.1	0.6	-1.4	-1.7	0.7	-13.6	5.6	-9.5
1999	6.0	0.2	0.5	1.2	1.7	-4.6	-2.6	-1.7	-4.1	-0.5	-8.5	-5.2
2000	5.8	1.3	1.6	0.6	1.8	1.8	3.0	2.0	4.6	8.1	-0.9	2.4
2001	-1.7	0.0	0.3	0.1	1.0	-1.3	-2.1	-2.6	-1.2	-8.7	0.3	-7.3
2002	5.3	-0.2	-0.2	0.7	-0.3	0.0	0.8	1.0	0.4	-1.9	-1.5	-3.7
2003	3.7	-0.3	-0.3	-0.6	-0.6	2.5	4.3	3.9	5.1	5.6	-1.5	-1.0
2004	6.2	1.6	0.7	0.7	0.5	7.0	9.5	10.3	8.6	11.8	1.6	4.6
2005	4.7	2.3	0.5	0.7	0.8	0.6	1.9	1.5	2.4	6.4	-2.5	1.3
2006	5.4	0.6	1.1	0.5	0.6	5.6	6.9	5.3	8.8	7.6	2.5	1.3
2007	6.0	1.8	1.4	1.4	0.9	6.5	7.6	6.4	8.9	8.0	3.6	2.6
2008	0.7	3.5	1.7	3.1	2.3	5.2	8.6	8.5	8.8	13.7	-2.1	2.1
2009	-1.8	-0.9	-1.0	-0.1	-0.3	-8.7	-9.8	-10.0	-9.6	-13.9	-6.6	-10.9
2010	10.7	1.0	1.1	0.4	0.3	5.5	7.2	7.4	7.0	12.2	2.0	6.9
2011	4.0	1.4	1.1	1.1	0.6	4.3	6.4	5.0	7.7	15.4	0.1	7.4
2012	1.3	1.9	1.1	1.0	0.8	-1.6	-1.0	-0.6	-1.3	-1.9	-1.6	-2.3

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

## 3-b. Taiwan's Macroeconomic Performance (Continued)

## B. Merchandise Exports and Imports

Period	Exports				Imports				Trade Balance
	Major Exports			Major Imports					
	Electronic Products	Information & Communication Products	Iron & Steel and Articles Thereof	Capital Goods	Agricultural & Industrial Raw Materials	Consumer Goods			
Amount (US\$ million)									
2005	198,432	51,008	10,974	13,238	182,614	33,495	132,183	16,937	15,817
2006	224,017	62,823	9,884	14,742	202,698	33,313	152,797	16,588	21,319
2007	246,677	65,551	9,552	17,387	219,252	34,358	167,769	17,126	27,425
2008	255,629	63,456	10,168	18,248	240,448	31,512	190,866	18,070	15,181
2009	203,675	56,664	9,192	12,322	174,371	24,781	132,510	17,079	29,304
2010	274,601	77,306	14,095	16,377	251,236	40,639	189,574	21,024	23,364
2011	308,257	83,909	19,808	19,292	281,438	39,351	217,291	24,795	26,820
2012	301,111	83,307	15,479	17,711	270,727	36,264	209,017	25,446	30,384
Rate of Increase (%)									
2005	8.8	11.9	-16.9	10.1	8.2	-4.8	11.3	14.3	16.2
2006	12.9	23.2	-9.9	11.4	11.0	-0.5	15.6	-2.1	34.8
2007	10.1	4.3	-3.4	17.9	8.2	3.1	9.8	3.2	28.6
2008	3.6	-3.2	6.4	5.0	9.7	-8.3	13.8	5.5	-44.6
2009	-20.3	-10.7	-9.6	-32.5	-27.5	-21.4	-30.6	-5.5	93.0
2010	34.8	36.4	53.3	32.9	44.1	64.0	43.1	23.1	-20.3
2011	12.3	8.5	40.5	17.8	12.0	-3.2	14.6	17.9	14.8
2012	-2.3	-0.7	-21.7	-8.2	-3.8	-7.8	-3.8	2.6	13.3

Source: Ministry of Finance, R.O.C.

### 3-c. Taiwan's Macroeconomic Performance (Continued)

#### C. Gross Fixed Capital Formation

Period	Total					Private Sector				
	Con- struction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets		Con- struction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets	
Amount (NT\$ million at current prices)										
2006	2,730,670	1,194,522	147,079	1,225,154	163,915	2,151,566	840,830	133,608	1,025,644	151,484
2007	2,841,353	1,248,604	150,785	1,275,953	166,011	2,242,734	884,381	135,533	1,068,796	154,024
2008	2,665,928	1,281,003	106,072	1,094,500	184,353	2,010,137	874,231	92,277	872,455	171,174
2009	2,353,579	1,107,281	114,483	944,129	187,686	1,639,345	662,455	98,296	705,363	173,231
2010	2,960,207	1,267,944	156,679	1,332,032	203,552	2,231,760	824,209	135,270	1,084,458	187,823
2011	2,889,027	1,297,204	163,905	1,215,833	212,085	2,206,228	859,340	144,367	1,002,952	199,569
2012	2,740,328	1,296,923	166,797	1,067,467	209,141	2,135,239	917,521	149,736	871,397	196,585
Amount (NT\$ million at 2006 constant prices)										
2006	2,730,670	1,194,522	147,079	1,225,154	163,915	2,151,566	840,830	133,608	1,025,644	151,484
2007	2,745,800	1,176,052	150,816	1,255,396	163,536	2,180,819	842,154	135,434	1,051,562	151,669
2008	2,406,517	1,088,980	106,612	1,030,793	180,132	1,841,121	757,402	92,665	823,892	167,162
2009	2,135,815	1,008,821	114,395	826,987	185,612	1,506,982	620,492	97,601	617,601	171,288
2010	2,648,206	1,129,717	155,852	1,162,440	200,197	2,016,941	752,310	134,381	945,596	184,654
2011	2,545,177	1,124,227	161,177	1,051,625	208,148	1,967,034	761,154	141,857	868,159	195,864
2012	2,396,661	1,117,532	161,319	913,365	204,445	1,887,383	805,949	144,545	744,795	192,094
Real Growth Rate (%)										
2006	0.1	0.4	-27.9	5.1	-3.1	3.3	8.5	-31.3	7.3	-3.7
2007	0.6	-1.5	2.5	2.5	-0.2	1.4	0.2	1.4	2.5	0.1
2008	-12.4	-7.4	-29.3	-17.9	10.1	-15.6	-10.1	-31.6	-21.7	10.2
2009	-11.2	-7.4	7.3	-19.8	3.0	-18.1	-18.1	5.3	-25.0	2.5
2010	24.0	12.0	36.2	40.6	7.9	33.8	21.2	37.7	53.1	7.8
2011	-3.9	-0.5	3.4	-9.5	4.0	-2.5	1.2	5.6	-8.2	6.1
2012	-3.6	-0.5	1.8	-8.8	1.5	-1.3	5.3	4.3	-9.0	2.7

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

### 3-c. Taiwan's Macroeconomic Performance (Continued)

#### C. Gross Fixed Capital Formation

Period	Government Sector					Public Enterprise Sector				
	Con- struction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets		Con- struction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets	
Amount (NT\$ million at current prices)										
2006	384,928	324,464	9,248	44,449	6,767	194,176	29,228	4,223	155,061	5,664
2007	396,114	330,829	6,336	51,776	7,173	202,505	33,394	8,916	155,381	4,814
2008	446,001	375,529	6,769	55,421	8,282	209,790	31,243	7,026	166,624	4,897
2009	491,780	415,793	7,819	58,646	9,522	222,454	29,033	8,368	180,120	4,933
2010	487,322	411,760	8,325	56,373	10,864	241,125	31,975	13,084	191,201	4,865
2011	472,002	404,859	8,775	50,193	8,175	210,797	33,005	10,763	162,688	4,341
2012	412,456	350,004	10,075	44,053	8,324	192,633	29,398	6,986	152,017	4,232
Amount (NT\$ million at 2006 constant prices)										
2006	384,928	324,464	9,248	44,449	6,767	194,176	29,228	4,223	155,061	5,664
2007	367,753	303,253	6,405	50,959	7,136	197,228	30,645	8,977	152,875	4,731
2008	372,081	305,499	6,912	51,491	8,179	193,315	26,079	7,035	155,410	4,791
2009	431,390	362,136	8,297	51,520	9,437	197,443	26,193	8,497	157,866	4,887
2010	418,019	349,448	8,441	49,363	10,767	213,246	27,959	13,030	167,481	4,776
2011	395,430	335,269	8,781	43,330	8,050	182,713	27,804	10,539	140,136	4,234
2012	343,021	286,983	10,046	37,849	8,143	166,257	24,600	6,728	130,721	4,208
Real Growth Rate (%)										
2006	-11.2	-13.8	36.1	-0.1	12.5	-8.6	-23.9	55.1	-6.3	-2.8
2007	-4.5	-6.5	-30.7	14.6	5.5	1.6	4.8	112.6	-1.4	-16.5
2008	1.2	0.7	7.9	1.0	14.6	-2.0	-14.9	-21.6	1.7	1.3
2009	15.9	18.5	20.0	0.1	15.4	2.1	0.4	20.8	1.6	2.0
2010	-3.1	-3.5	1.7	-4.2	14.1	8.0	6.7	53.3	6.1	-2.3
2011	-5.4	-4.1	4.0	-12.2	-25.2	-14.3	-0.6	-19.1	-16.3	-11.3
2012	-12.0	-12.8	5.9	-7.7	-17.5	-8.5	-3.9	-35.2	-7.7	-5.3

4-a. Products of which Taiwan was among the World's Three Largest Producers in 2012

1. Including Offshore Production

Unit: %

1st Place Worldwide (20 Items)				2nd and 3rd Place Worldwide	
Items	Taiwan's Global Market Share	Items	Taiwan's Global Market Share	Items	Taiwan's Global Market Share
1. Notebook PCs (2) (including netbook)	89.0	13. IC packaging and testing (1)	55.3	-- 2nd Place Worldwide (11 Items)	
2. Tablet Personal Computers (2)	87.8	14. Servers (2)	54.6	1. Electronic/digital blood press monitors (2)	38.4
3. Cable CPE (2)	86.0	15. Desktop PCs (2)	45.7	2. TN / STN LCD panels (1)	27.5
4. Motherboards (1)	84.5	16. Secondary battery pack assembly (2)	43.0	3. TFT-LCD panels (>10") (1)	25.5
5. Golf heads (2)	80.1	17. Digital Cameras(2)	41.2	4. Electro-deposited copper foil (2)	25.5
6. Optical discs (1)	77.0	18. PCBs (1)	27.6	5. IC substrate (1)	25.9
7. DSL CPE (2)	68.0	19. ABS (2)	27.3	6. TFT-LCD panels (<10") (1)	25.0
8. LCD monitors (2)	67.8	20. Instant noodles (2)	23.3	7. IC design (1)	19.7
9. Foundry (1)	67.8			8. Crystalline silicon solar cells (2)	16.2
10. WLAN (1)	66.9			9. Power wheelchairs & power scooter(2)	15.9
11. PND (1)	64.0			10. PTA (2)	14.7
12. Glass fiber (2)	60.7			11. OLED panels (1)	5.8
				-- 3rd Place Worldwide (3 Items)	
				1. Ball screw(1)	35.9
				2. LED (1)	20.0
				3. TPE(2)	17.1

12 (1) Production value; (2) production volume.

Source: Industrial Technology Information Service (ITIS) Program.

4-b. Products of which Taiwan was among the World's Three Largest Producers in 2012

2. Excluding Offshore Production

Unit: %

1st Place Worldwide (5 Items)		2nd Place Worldwide (11 Items)		3rd Place Worldwide (8 Items)	
Items	Taiwan's Global Market Share	Items	Taiwan's Global Market Share	Items	Taiwan's Global Market Share
1. Foundry (1)	66.0	1. PNDs (1)	39.5	1. Ball screw(1)	18.0
2. Optical discs (1)	61.6	2. IC substrate (1)	25.1	2. PCBs (1)	16.4
3. IC packaging & testing(1)	52.1	3. TFT-LCD panels (>10") (1)	22.4	3. PTA (2)	10.0
4. Chlorella (2)	47.0	4. TFT-LCD panels ( $\leq 10$ ") (1)	20.8	4. Nylon fiber (2)	8.3
5. Glass fiber (2)	29.2	5. Electro-deposited copper foil (2)	20.0	5. TPEs (2)	8.2
		6. IC design (1)	17.7	6. Beta-carotene (2)	5.0
		7. ABS (2)	16.8	7. Polyester filament (2)	3.5
		8. TN / STN LCD panels (1)	16.5	8. WLAN (1)	1.2
		9. Crystalline silicon solar cells(2)	14.9		
		10. Power wheelchairs & power scooter(2)	9.5		
		11. OLED panels(1)	5.8		

## 5. Taiwan's Science and Technology Development Indicators

	Unit	2004	2005	2006	2007	2008	2009	2010	2011
<b>1. R&amp;D Indicators</b>									
Number of Researchers (Full time equivalent)	Person-years	81,209	88,859	95,176	103,455	110,089	119,185	127,768	134,048
--per 1,000 Population	Person-years	3.6	3.9	4.2	4.5	4.8	5.2	5.5	5.8
--per 1,000 Employment	Person-years	8.3	8.9	9.4	10.0	10.6	11.6	12.2	12.5
R&D Expenditure as % of GDP	%	2.32	2.39	2.51	2.57	2.78	2.94	2.90	3.02
<b>2. Science and Technology Output Indicators</b>									
Annual Papers in Science Citation Index (SCI)	Papers	13,640	16,765	17,963	18,795	22,756	24,521	23,829	26,648
Annual Papers in Engineering Index (EI)	Papers	10,980	11,661	13,076	16,657	17,483	18,869	20,302	22,819
Patents Granted in U.S.	Cases	5,938	5,118	6,361	6,128	6,339	6,642	8,238	8,781
<b>3. Technological Diffusion Indicator</b>									
Total Trade in Technology	NT\$ million	61,097	70,390	...	81,976	95,416	126,470	167,759	...

Source: National Science Council, R.O.C., *Indicators of Science and Technology, Republic of China, 2012.*

## 6-a. Taiwan's Human Resources

### A. Labor Force, Employment, and Labor Productivity

Unit: %

Period	Educational Expenditures as % of		Labor Participation Rate	Rate of Growth in Employment	Unemployment Rate	Growth Rate of Labor Productivity in Manufacturing	Ratio of Working-Age (15~64) Population to Total Population (2)	Employment Structure		
	GNP (1)	GDP (1)						Agriculture	Industry	Services
1995	6.4	6.5	58.7	1.2	1.8	7.46	68.6	10.5	38.7	50.7
1996	6.6	6.7	58.4	0.3	2.6	5.19	69.0	10.1	37.5	52.4
1997	6.6	6.7	58.3	1.2	2.7	5.56	69.3	9.6	38.2	52.3
1998	6.3	6.3	58.0	1.2	2.7	5.26	69.8	8.8	37.9	53.2
1999	6.3	6.4	57.9	1.0	2.9	6.69	70.1	8.2	37.2	54.5
2000	5.3	5.4	57.7	1.1	3.0	5.87	70.3	7.8	37.2	55.0
2001	5.8	5.9	57.2	-1.2	4.6	2.95	70.4	7.5	36.6	55.9
2002	5.8	5.9	57.3	0.8	5.2	8.56	70.6	7.5	35.8	56.7
2003	5.7	5.9	57.3	1.3	5.0	6.74	70.9	7.3	35.5	57.2
2004	5.6	5.8	57.7	2.2	4.4	4.77	71.2	6.6	35.9	57.5
2005	5.7	5.8	57.8	1.6	4.1	4.03	71.6	5.9	36.4	57.7
2006	5.6	5.7	57.9	1.7	3.9	3.97	71.9	5.5	36.6	57.9
2007	5.4	5.5	58.3	1.8	3.9	7.12	72.2	5.3	36.8	57.9
2008	5.6	5.8	58.3	1.1	4.1	-1.03	72.6	5.1	36.8	58.0
2009	6.1	6.3	57.9	-1.2	5.9	0.57	73.0	5.3	35.9	58.9
2010	5.5	5.7	58.1	2.1	5.2	17.24	73.6	5.2	35.9	58.8
2011	5.7	5.9	58.2	2.1	4.4	3.42	74.0	5.1	36.3	58.6
2012	5.9	6.1	58.4	1.4	4.2	-0.73	74.2	5.0	36.2	58.8

(1) Referring to fiscal year; (2) Referring to end of year.

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

2. Ministry of the Interior, R.O.C. (Taiwan).

3. Ministry of Education, R.O.C. (Taiwan).

6-b. Taiwan's Human Resources (Continued)  
B. Educational & Occupational Structure of Employed Population

Period	By Occupation									By Education		
	Total	White-collar Workers					Service & Sales Workers	Skilled Agricultural, Forestry & Fishery Workers	Blue-collar Craft & Machine Operation Related Workers	Junior High & Below	Senior High & Vocational	Junior College & Above
		Legislators, Senior Officials & Managers	Professionals	Technicians & Associate Professionals	Clerical Support Workers							
Persons (1,000 persons)												
2004	9,786	3,997	447	858	1,621	1,071	1,926	608	3,255	2,975	3,592	3,220
2005	9,942	4,157	448	960	1,658	1,091	1,946	558	3,280	2,880	3,605	3,458
2006	10,111	4,305	452	998	1,761	1,094	2,004	522	3,280	2,770	3,631	3,711
2007	10,294	4,424	463	1,031	1,844	1,086	2,049	512	3,309	2,689	3,680	3,925
2008	10,403	4,558	463	1,098	1,921	1,076	2,040	500	3,305	2,560	3,667	4,176
2009	10,279	4,609	444	1,100	1,977	1,088	2,014	506	3,149	2,392	3,551	4,336
2010	10,493	4,707	443	1,116	1,995	1,153	2,069	512	3,204	2,361	3,583	4,549
2011	10,709	4,775	435	1,195	1,957	1,188	2,086	496	3,352	2,312	3,645	4,752
2012	10,859	4,839	421	1,244	1,950	1,222	2,119	495	3,408	2,268	3,674	4,918
Structure (%)												
2004	100.0	40.8	4.6	8.8	16.6	10.9	19.7	6.2	33.3	30.4	36.7	32.9
2005	100.0	41.8	4.5	9.7	16.7	11.0	19.6	5.6	33.0	29.0	36.3	34.8
2006	100.0	42.6	4.5	9.9	17.4	10.8	19.8	5.2	32.4	27.4	35.9	36.7
2007	100.0	43.0	4.5	10.0	17.9	10.5	19.9	5.0	32.1	26.1	35.7	38.1
2008	100.0	43.8	4.5	10.6	18.5	10.3	19.6	4.8	31.8	24.6	35.2	40.1
2009	100.0	44.8	4.3	10.7	19.2	10.6	19.6	4.9	30.6	23.3	34.5	42.2
2010	100.0	44.9	4.2	10.6	19.0	11.0	19.7	4.9	30.5	22.5	34.1	43.4
2011	100.0	44.6	4.1	11.2	18.3	11.1	19.5	4.6	31.3	21.6	34.0	44.4
2012	100.0	44.6	3.9	11.4	18.0	11.2	19.5	4.6	31.4	20.1	33.8	45.2

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan).

## 7-a. Statistical Data of Taiwan's Official Development Assistance

Period	Total (ODA)		Social Infrastructure and Services						Economic Infrastructure and Services			
	Amount	% of GNI* (%)	Subtotal	Education	Health and Medical	Water Supply and Sanitation	Government and Civil Society	Other Social Infrastructure and Services	Subtotal	Transport and Storage	ICT / Communications	Energy Generation and Supply
Amount unit: US\$ 1,000												
2010	380,916	0.101	146,753	51,465	23,090	2,742	43,110	26,346	64,451	41,829	9,443	11,065
2011	381,152	0.093	154,083	58,903	21,618	3,541	36,013	34,009	73,694	23,258	7,656	4,981
2012	304,327	0.061	112,869	19,032	15,154	3,275	39,232	36,176	61,938	33,482	1,671	1,937
Structure (%)												
2010	100.0		38.5	13.5	6.1	0.7	11.3	6.9	16.9	11.0	2.5	2.9
2011	100.0		40.4	15.5	5.7	0.9	9.4	8.9	19.3	6.1	2.0	1.3
2012	100.0		37.1	6.0	5.0	1.1	12.9	11.9	20.3	11.0	0.6	0.6

\*GNI means gross national income; a donor's efforts, particularly OECD countries, are usually measured in terms of ODA/GNI.

Source: Ministry of Foreign Affairs, Executive Yuan, R.O.C. (Taiwan).

7-b. Statistical Data of Taiwan's Official Development Assistance (Continued)

Period	Other Economic Infrastructure and Services	Production Sectors					Sustainable Development			Others
		Subtotal	Agriculture, Forestry and Fishery	Industry, Mining and Construction	Trade Policy and Regulations	Tourism	Subtotal	Environmental Protection	Cross Sectors	
Amount unit: US\$ 1,000										
2010	2,114	90,268	65,486	36	23,907	839	9,014	9,012	2	70,430
2011	37,799	60,176	56,617	991	2,512	56	15,877	1,151	14,726	77,321
2012	24,848	49,767	48,087	710	790	180	15,690	888	14,802	64,062
Structure (%)										
2010	0.6	23.7	17.2	0.01	6.3	0.2	2.4	2.4	0.001	18.5
2011	9.9	15.8	14.9	0.3	0.7	0.0	4.2	0.3	3.9	20.3
2012	8.2	16.4	15.8	0.2	0.3	0.1	5.2	0.3	4.9	21.1

# **1. INDICATORS**



1-1a. Indicators of the Taiwan Economy

Period	GDP				GNP			Change in Prices (%)		
	Economic Growth Rate at 2006 Prices (%)	GDP in US\$ Million at Current Prices	Per Capita GDP		GNP in US\$ Million at Current Prices	Per Capita GNP		GDP Deflator	Consumer Price Index	Wholesale Price Index
			NT\$	US\$		NT\$	US\$			
1952	11.8	1,711	2,190	213	1,711	2,190	213	24.5	...	...
1955	7.8	1,973	3,422	220	1,973	3,422	220	10.6	...	14.4
1960	6.9	1,753	5,977	164	1,752	5,975	164	12.6	18.6	14.2
1965	10.9	2,859	9,140	229	2,854	9,125	228	-0.3	-0.1	-4.6
1970	10.6	5,735	15,730	393	5,724	15,702	393	4.1	3.6	2.7
1975	5.4	15,728	37,179	978	15,640	36,971	973	1.9	5.2	-5.1
1980	7.3	42,221	85,851	2,385	42,162	85,732	2,381	16.5	19.0	21.5
1985	4.1	63,149	131,158	3,290	64,332	133,615	3,352	0.2	-0.2	-2.6
1988	5.6	121,935	175,837	6,146	125,338	180,745	6,318	0.4	1.3	-1.6
1989	10.3	151,580	199,608	7,558	155,396	204,632	7,748	4.1	4.4	-0.4
1990	6.9	164,747	218,456	8,124	169,110	224,241	8,339	3.6	4.1	-0.6
1991	7.9	184,870	241,822	9,016	189,924	248,433	9,263	3.7	3.6	0.2
1992	7.6	219,974	267,315	10,625	224,774	273,147	10,856	3.8	4.5	-3.7
1993	6.7	231,531	292,363	11,079	235,852	297,820	11,285	3.4	2.9	2.5
1994	7.6	252,665	317,049	11,982	256,728	322,148	12,175	1.7	4.1	2.2
1995	6.4	274,728	342,188	12,918	278,915	347,404	13,115	2.3	3.7	7.4
1996	5.5	287,912	368,729	13,428	291,900	373,836	13,614	2.9	3.1	-1.0
1997	5.5	298,773	396,355	13,810	301,895	400,497	13,955	2.8	0.9	-0.5
1998	3.5	275,080	421,519	12,598	277,129	424,659	12,692	3.8	1.7	0.6
1999	6.0	299,010	438,384	13,585	301,815	442,497	13,712	-1.1	0.2	-4.6
2000	5.8	326,205	459,212	14,704	330,674	465,502	14,906	-0.2	1.3	1.8
2001	-1.7	293,712	444,489	13,147	299,391	453,084	13,401	-0.9	-0.01	-1.4
2002	5.3	301,088	463,498	13,404	308,101	474,294	13,716	-0.4	-0.2	0.1
2003	3.7	310,757	474,069	13,773	320,312	488,645	14,197	-0.9	-0.3	2.5
2004	6.2	339,973	501,849	15,012	351,104	518,280	15,503	0.1	1.6	7.0
2005	4.7	364,832	516,516	16,051	373,870	529,313	16,449	-1.4	2.3	0.6
2006	5.4	376,375	536,442	16,491	385,957	550,099	16,911	-1.1	0.6	5.6
2007	6.0	393,134	563,349	17,154	403,267	577,869	17,596	-0.5	1.8	6.5
2008	0.7	400,132	548,757	17,399	410,108	562,439	17,833	-3.0	3.5	5.2
2009	-1.8	377,529	540,813	16,359	390,051	558,751	16,901	0.7	-0.9	-8.7
2010	10.7	430,149	588,317	18,588	443,725	606,885	19,175	-1.5	1.0	5.5
2011	4.0	466,483	592,846	20,122	479,667	609,590	20,690	-3.0	1.4	4.3
2012	1.3	474,269	603,593	20,386	489,517	623,004	21,042	1.4	1.9	-1.2

1-1b. Indicators of the Taiwan Economy (Continued)

Period	Gross National Savings and Gross Domestic Capital Formation						Structure of Production (% of GDP* by Sector)			
	Gross National Savings		Gross Domestic Capital Formation		Excess Savings		Agri- culture	Industry	Manu- facturing	Services
	NT\$ billion	As Percentage of GNP (%)	NT\$ billion	As Percentage of GNP (%)	NT\$ billion	As Percentage of GNP (%)				
1952	2.6	15.0	2.6	15.0	0.0	0.0	...	...	...	...
1955	4.4	14.3	4.0	13.1	0.4	1.2	...	...	...	...
1960	11.2	17.5	12.7	19.9	-1.5	-2.4	...	...	...	...
1965	23.4	20.5	25.7	22.5	-2.3	-2.0	...	...	...	...
1970	58.2	25.4	58.1	25.4	0.0	0.0	...	...	...	...
1975	157.8	26.6	180.2	30.3	-22.4	-3.8	...	...	...	...
1980	482.7	31.8	505.9	33.3	-23.3	-1.5	...	...	...	...
1985	862.3	33.6	489.1	19.1	373.1	14.6	5.7	44.6	34.9	49.7
1988	1,282.6	35.8	896.4	25.0	386.2	10.8	5.0	42.9	34.6	52.1
1989	1,299.3	31.7	979.2	23.9	320.1	7.8	4.8	40.4	32.1	54.8
1990	1,376.0	30.3	1,079.4	23.7	296.6	6.5	4.1	38.9	30.7	57.0
1991	1,558.7	30.6	1,224.3	24.0	334.3	6.6	3.7	38.5	30.4	57.8
1992	1,674.7	29.6	1,484.9	26.3	189.7	3.4	3.5	36.8	28.5	59.7
1993	1,856.4	29.8	1,666.5	26.8	189.9	3.1	3.5	35.9	27.2	60.6
1994	1,964.0	28.9	1,775.1	26.1	188.8	2.8	3.4	34.4	25.8	62.3
1995	2,112.0	28.6	1,942.2	26.3	169.8	2.3	3.3	33.1	24.9	63.5
1996	2,194.6	27.4	1,894.7	23.6	299.9	3.7	3.1	32.5	24.8	64.4
1997	2,356.8	27.2	2,150.5	24.8	206.3	2.4	2.5	32.2	24.7	65.3
1998	2,508.8	27.1	2,392.5	25.8	116.3	1.3	2.4	31.7	24.4	66.0
1999	2,666.7	27.4	2,409.2	24.7	257.6	2.6	2.5	30.6	23.9	67.0
2000	2,889.3	28.0	2,615.6	25.3	273.7	2.7	2.0	30.5	24.6	67.5
2001	2,610.9	25.8	1,970.3	19.5	640.6	6.3	1.9	28.7	23.2	69.4
2002	2,880.3	27.0	2,013.8	18.9	866.5	8.1	1.8	30.4	25.0	67.8
2003	3,143.6	28.5	2,129.6	19.3	1,014.0	9.2	1.7	31.2	26.1	67.1
2004	3,358.1	28.6	2,693.1	22.9	665.0	5.7	1.7	31.8	26.8	66.6
2005	3,361.0	27.9	2,667.9	22.2	693.1	5.8	1.7	31.3	26.5	67.1
2006	3,709.5	29.6	2,777.0	22.1	932.6	7.4	1.6	31.3	26.5	67.1
2007	4,023.4	30.4	2,855.8	21.6	1,167.6	8.8	1.5	31.4	26.5	67.1
2008	3,668.1	28.4	2,826.3	21.9	841.8	6.5	1.6	29.1	24.8	69.4
2009	3,562.0	27.6	2,208.4	17.1	1,353.6	10.5	1.7	28.9	23.8	69.4
2010	4,440.3	31.6	3,104.6	22.1	1,335.7	9.5	1.6	31.1	26.0	67.2
2011	4,116.2	29.1	2,905.2	20.6	1,211.0	8.6	1.8	29.5	24.8	68.8
2012	4,081.6	28.2	2,774.7	19.1	1,307.0	9.0	1.9	29.0	24.2	69.2

\* Statistical discrepancies are not included.

1-1c. Indicators of the Taiwan Economy (Continued)

Period	Merchandise Trade in US\$ Million (customs statistics)			Population and Employment				
	Exports at f.o.b. Prices	Imports at c.i.f. Prices	Balance	Population (1,000 persons at year-end)	Labor Force (1,000 persons)	Annual Rate of Change in Employment (%)	Labor Parti- cipation Rate (%)	Unemployment Rate (%)
1952	116	187	-71	8,128	3,063	1.2	66.5	4.37
1955	123	201	-78	9,078	3,231	2.7	64.3	3.81
1960	164	297	-133	10,792	3,617	1.5	62.4	3.98
1965	450	556	-106	12,628	3,891	2.9	58.2	3.29
1970	1,481	1,524	-43	14,676	4,654	4.2	57.4	1.70
1975	5,309	5,952	-643	16,223	5,656	0.6	58.2	2.40
1980	19,811	19,733	77	17,866	6,629	1.8	58.3	1.23
1985	30,726	20,102	10,624	19,314	7,651	1.6	59.5	2.91
1988	60,667	49,673	10,995	19,954	8,247	1.1	60.2	1.69
1989	66,304	52,265	14,039	20,157	8,390	1.9	60.1	1.57
1990	67,214	54,716	12,498	20,401	8,423	0.3	59.2	1.67
1991	76,563	63,142	13,421	20,606	8,569	1.9	59.1	1.51
1992	82,122	72,353	9,770	20,803	8,765	2.3	59.3	1.51
1993	85,957	77,393	8,564	20,995	8,874	1.3	58.8	1.45
1994	94,300	85,698	8,602	21,178	9,081	2.2	59.0	1.56
1995	113,342	104,012	9,330	21,357	9,210	1.2	58.7	1.79
1996	117,581	102,922	14,659	21,525	9,310	0.3	58.4	2.60
1997	124,170	114,955	9,215	21,743	9,432	1.2	58.3	2.72
1998	112,595	105,230	7,366	21,929	9,546	1.2	58.0	2.69
1999	123,733	111,196	12,537	22,092	9,668	1.0	57.9	2.92
2000	151,950	140,732	11,218	22,277	9,784	1.1	57.7	2.99
2001	126,314	107,971	18,344	22,406	9,832	-1.1	57.2	4.57
2002	135,317	113,245	22,072	22,521	9,969	0.8	57.3	5.17
2003	150,600	128,010	22,590	22,605	10,076	1.3	57.3	4.99
2004	182,370	168,758	13,613	22,689	10,240	2.2	57.7	4.44
2005	198,432	182,614	15,817	22,770	10,371	1.6	57.8	4.13
2006	224,017	202,698	21,319	22,877	10,522	1.7	57.9	3.91
2007	246,677	219,252	27,425	22,958	10,713	1.8	58.2	3.91
2008	255,629	240,448	15,181	23,037	10,853	1.1	58.3	4.14
2009	203,675	174,371	29,304	23,120	10,917	-1.2	57.9	5.85
2010	274,601	251,236	23,364	23,162	11,070	2.1	58.1	5.21
2011	308,257	281,438	26,820	23,225	11,200	2.1	58.2	4.39
2012	301,181	270,473	30,708	23,148	11,341	1.4	58.4	4.24

1-1d. Indicators of the Taiwan Economy (Continued)

Period	Monetary Aggregates (end of year)			Interest Rate (% per annum)		Foreign Exchange Rate (NT\$ per foreign currency)		Foreign Exchange Holdings of Central Bank of ROC in US\$ Million (end of year)
	Annual Rate of Change in M <sub>2</sub> (%)	Annual Rate of Change in M <sub>1B</sub> (%)	Annual Rate of Change in Loans & Investments (%)	Rediscount Rate of Central Bank of China (Taiwan)	Money Market Rate (1)	US Dollar	Japanese Yen	
						(end of year)	(end of year)	
1952	...	...	...	...	...	10.28	...	...
1955	...	...	...	...	...	15.60	...	...
1960	...	...	...	...	...	36.23	...	...
1965	16.0	15.6	21.0	11.520	...	40.05	...	245
1970	21.1	15.0	17.7	9.800	...	40.05	...	482
1975	27.8	28.8	30.0	10.750	...	38.00	...	1,074
1980	21.6	22.7	26.6	11.000	18.290	36.01	...	2,205
1985	22.6	12.2	6.4	5.250	6.441	39.85	0.1990	22,556
1988	20.3	24.4	38.3	4.500	4.846	28.17	0.2256	73,897
1989	18.4	6.0	29.9	7.750	8.523	26.16	0.1826	73,224
1990	11.0	-6.7	14.8	7.750	9.579	27.11	0.2013	72,441
1991	19.4	12.1	22.2	6.250	7.948	25.75	0.2060	82,405
1992	19.1	12.4	28.6	5.625	7.590	25.40	0.2039	82,306
1993	15.4	15.3	19.5	5.500	7.158	26.63	0.2380	83,573
1994	15.1	12.2	15.2	5.500	7.212	26.24	0.2628	92,454
1995	9.4	0.8	10.4	5.500	7.034	27.27	0.2650	90,310
1996	9.1	8.3	7.9	5.000	5.935	27.49	0.2370	88,038
1997	8.0	8.4	10.0	5.250	6.840	32.64	0.2500	83,502
1998	8.6	3.8	7.8	4.750	6.890	32.22	0.2845	90,341
1999	8.3	16.9	3.6	4.500	5.120	31.40	0.3075	106,200
2000	6.5	-0.3	3.7	4.625	5.060	32.99	0.2871	106,742
2001	4.3	11.9	-0.8	2.125	3.780	35.00	0.2658	122,211
2002	2.5	9.3	-2.5	1.625	2.140	34.75	0.2926	161,656
2003	5.7	19.3	2.8	1.375	1.160	33.98	0.3165	206,632
2004	7.2	12.4	8.6	1.750	1.090	31.92	0.3112	241,738
2005	6.6	6.8	7.8	2.250	1.360	32.85	0.2796	253,290
2006	5.2	4.5	4.1	2.750	1.640	32.60	0.2744	266,148
2007	0.8	0.0	2.3	3.375	1.960	32.44	0.2909	270,311
2008	7.2	-0.8	3.4	2.000	1.970	32.86	0.3627	291,707
2009	5.8	28.9	0.7	1.250	0.290	32.03	0.3476	348,198
2010	5.4	9.0	6.2	1.625	0.460	30.37	0.3734	382,005
2011	4.8	3.3	6.0	1.875	0.810	30.29	0.3905	385,547
2012	3.5	5.0	5.7	...	0.850	29.62	0.3712	403,169

(1) Rate for 91-180 days commercial paper in secondary market.

1-1e. Indicators of the Taiwan Economy (Continued)

Period	Labor Productivity and Employee Compensation in Manufacturing		R&D Expenditure		Distribution of Personal Income by Household	
	Annual Rate of Change in Labor Productivity (%)	Annual Rate of Change in Average Monthly Compensation (%)	Amount in NT\$ Billion	As Percentage of GDP (%)	Ratio of Highest Fifth's Income to Lowest Fifth's	Gini Coefficient
1952	...	...	...	...	...	...
1955	...	...	...	...	...	...
1960	...	...	...	...	...	...
1965	...	...	...	...	...	...
1970	...	...	...	...	4.58	0.294
1975	8.7	17.3	...	...	4.25	0.312
1980	2.1	22.7	...	...	4.17	0.278
1985	2.3	4.3	25.4	1.03	4.50	0.291
1988	5.3	10.8	43.8	1.24	4.85	0.303
1989	9.1	14.4	54.8	1.39	4.94	0.303
1990	7.6	13.3	71.5	1.62	5.18	0.312
1991	9.5	11.0	81.8	1.65	4.97	0.308
1992	3.7	10.3	94.8	1.71	5.24	0.312
1993	3.3	7.0	103.6	1.70	5.43	0.315
1994	3.5	6.7	114.7	1.72	5.38	0.318
1995	7.5	5.7	125.0	1.72	5.34	0.317
1996	5.2	4.1	138.0	1.74	5.38	0.317
1997	5.6	4.6	156.3	1.82	5.41	0.320
1998	5.3	2.9	176.5	1.92	5.51	0.324
1999	6.7	3.6	190.5	1.97	5.50	0.325
2000	5.9	3.1	197.6	1.94	5.55	0.326
2001	3.0	-1.3	205.0	2.06	6.39	0.350
2002	8.6	0.1	224.4	2.16	6.16	0.345
2003	6.7	2.9	242.9	2.27	6.07	0.343
2004	4.8	2.8	263.3	2.32	6.03	0.338
2005	4.0	3.0	281.0	2.39	6.04	0.340
2006	4.0	1.3	307.0	2.51	6.01	0.339
2007	7.1	1.8	331.4	2.57	5.98	0.340
2008	-1.0	-0.2	351.4	2.78	6.05	0.341
2009	0.6	-9.2	367.2	2.94	6.34	0.345
2010	17.2	8.4	395.0	2.90	6.19	0.342
2011	3.4	2.6	413.3	3.02	6.17	0.342
2012	-0.8	1.1	...	...	...	...

1-1f. Indicators of the Taiwan Economy (Continued)

Period	Trade across the Taiwan Strait					Approved Investment in Mainland China	
	Exports to Mainland China		Imports from Mainland China		Balance (US\$ million)	Number of Cases	Amount (US\$ million)
	amount (US\$ million)	% change from previous year	amount (US\$ million)	% change from previous year			
1991	7,493.5	70.5	293.2	-61.7	7,200.3	237	174.2
1992	10,547.6	40.8	747.1	154.8	9,800.5	264	247.0
1993	13,993.1	32.7	1,015.5	35.9	12,977.6	9,329	3,168.4
1994	16,022.5	14.5	1,858.7	83.0	14,163.8	934	962.2
1995	19,433.8	21.3	3,091.3	66.3	16,342.5	490	1,092.7
1996	20,727.3	6.7	3,059.9	-1.0	17,667.4	383	1,229.2
1997	22,455.2	8.3	3,915.3	28.0	18,539.9	8,725	4,334.3
1998	19,840.9	-11.6	4,113.9	5.1	15,727.0	1,284	2,034.6
1999	21,312.5	7.4	4,528.9	10.1	16,783.6	488	1,252.8
2000	25,009.9	17.3	6,229.3	37.5	18,780.6	840	2,607.1
2001	25,607.4	2.4	5,903.0	-5.2	19,704.4	1,186	2,784.1
2002	31,528.8	23.1	7,968.6	35.0	23,560.2	3,116	6,723.1
2003	38,292.7	21.5	11,017.9	38.3	27,274.8	3,875	7,698.8
2004	48,930.4	27.8	16,792.3	52.4	32,138.1	2,004	6,940.7
2005	56,271.5	15.0	20,093.7	19.7	36,177.8	1,297	6,007.0
2006	63,332.4	12.5	24,783.1	23.3	38,549.3	1,090	7,642.3
2007	74,245.9	17.2	28,015.0	13.0	46,230.9	996	9,970.5
2008	73,977.8	-0.4	31,391.3	12.1	42,586.5	643	10,691.4
2009	62,090.9	-16.1	24,423.5	-22.2	37,667.4	590	7,142.6
2010	84,832.2	36.6	35,952.2	47.2	48,880.0	914	14,617.9
2011	91,105.4	7.4	43,605.4	21.3	47,500.0	887	14,376.6
2012	80,729.2	-3.8	40,910.0	-6.2	39,819.2	454	10,920.0

## **2. AREA AND POPULATION**



## 2-1. Area and Geographical Position of Taiwan

Geographical Division	Area (km <sup>2</sup> )	No. of Islands	Coastline (km)	Longitude		Latitude	
				Aspect	Apex	Aspect	Apex
Whole Area	36,009.5 (1)  (13,903 miles <sup>2</sup> )	86	1566.3	Eastern Point	124°34'09"	Southern Point	21°45'18"
				Western Point	119°18'03"	Northern Point	25°56'21"
Taiwan Island	35,882.6	22	1239.6	Eastern Point	121°59'15"	Southern Point	21°53'50"
				Western Point	120°01'00"	Northern Point	25°18'20"
Penghu Archipelago	126.9	64	326.8	Eastern Point	119°42'54"	Southern Point	23°09'40"
				Western Point	119°18'03"	Northern Point	23°45'41"

(1) Including reclaimed tidal land.

(2) Area of Kinmen and Lienchiang County are excluded.

Source: The data are provided by the Ministry of the Interior, R.O.C. (Taiwan).

## 2-2. Population

End of Year	Number (1) (1,000 persons)			Growth Rate (%)		
	Total	Male	Female	Total	Male	Female
1952	8,128	4,156	3,972	3.3	3.5	3.1
1955	9,078	4,647	4,430	3.8	3.6	4.0
1960	10,792	5,525	5,267	3.5	3.5	3.4
1965	12,699	6,528	6,171	3.0	3.1	2.9
1970	14,754	7,773	6,981	2.4	2.4	2.4
1975	16,223	8,501	7,722	1.9	1.8	2.0
1980	17,866	9,320	8,546	1.8	1.7	1.9
1985	19,314	10,023	9,290	1.3	1.2	1.4
1988	19,954	10,328	9,626	1.2	1.1	1.2
1989	20,157	10,424	9,732	1.0	0.9	1.1
1990	20,401	10,541	9,861	1.2	1.1	1.3
1991	20,606	10,640	9,966	1.0	0.9	1.1
1992	20,803	10,735	10,068	1.0	0.9	1.0
1993	20,995	10,824	10,171	0.9	0.8	1.0
1994	21,178	10,907	10,271	0.9	0.8	1.0
1995	21,357	10,991	10,367	0.8	0.8	0.9
1996	21,525	11,066	10,460	0.8	0.7	0.9
1997	21,743	11,164	10,579	1.0	0.9	1.1
1998	21,929	11,243	10,685	0.9	0.7	1.0
1999	22,092	11,313	10,780	0.7	0.6	0.9
2000	22,277	11,392	10,885	0.8	0.7	1.0
2001	22,406	11,442	10,964	0.6	0.4	0.7
2002	22,521	11,485	11,035	0.5	0.4	0.7
2003	22,605	11,515	11,089	0.4	0.3	0.5
2004	22,689	11,542	11,148	0.4	0.2	0.5
2005	22,770	11,562	11,208	0.4	0.2	0.5
2006	22,877	11,592	11,285	0.5	0.3	0.7
2007	22,958	11,609	11,350	0.4	0.1	0.6
2008	23,037	11,626	11,411	0.3	0.2	0.5
2009	23,120	11,637	11,483	0.4	0.1	0.6
2010	23,162	11,635	11,527	0.2	0.0	0.4
2011	23,225	11,646	11,579	0.3	0.1	0.5
2012	23,316	11,673	11,643	0.4	0.2	0.5

(1) Excluding servicemen and foreign nationals; servicemen included since 1969.

Source: See Table 2-1.

2-3. Population Density and Vital Statistics (1)

Year	Population Density (2)		Births		Deaths		Natural Increase	
	Per sq. km.	Per sq. km. of cultivated land	Number (1,000)	Rate (%)	Number (1,000)	Rate (%)	Number (1,000)	Rate (%)
1952	226.03	927.9	373	4.66	79	0.99	294	3.67
1955	252.43	1,039.8	404	4.53	77	0.86	327	3.67
1960	300.11	1,241.9	419	3.95	74	0.69	346	3.26
1965	351.37	1,426.8	407	3.27	68	0.55	339	2.71
1970	408.24	1,630.3	394	2.72	71	0.49	323	2.21
1975	448.64	1,769.1	368	2.30	75	0.47	293	1.82
1980	493.82	1,969.8	414	2.34	84	0.48	330	1.86
1985	533.84	2,175.0	346	1.80	92	0.48	254	1.32
1988	551.50	2,229.5	342	1.72	102	0.51	240	1.21
1989	557.09	2,252.1	315	1.57	103	0.52	212	1.06
1990	563.85	2,292.3	336	1.66	106	0.52	230	1.13
1991	569.51	2,331.0	322	1.57	106	0.52	216	1.05
1992	574.95	2,374.7	322	1.55	111	0.53	211	1.02
1993	580.27	2,399.5	326	1.56	111	0.53	215	1.03
1994	585.32	2,428.7	323	1.53	114	0.54	209	0.99
1995	590.28	2,446.4	330	1.55	119	0.56	210	0.99
1996	594.92	2,468.5	326	1.52	122	0.57	203	0.95
1997	600.83	2,513.6	326	1.51	121	0.56	205	0.95
1998	605.96	2,552.8	271	1.24	123	0.56	148	0.68
1999	610.49	2,583.9	284	1.29	126	0.57	158	0.72
2000	615.58	2,617.7	305	1.38	126	0.57	179	0.81
2001	619.14	2,639.1	260	1.17	128	0.57	133	0.59
2002	622.33	2,658.9	248	1.10	129	0.57	119	0.53
2003	624.64	2,678.0	227	1.01	131	0.58	96	0.43
2004	626.98	2,714.0	216	0.96	135	0.60	81	0.36
2005	629.22	2,733.0	206	0.91	139	0.61	66	0.29
2006	632.16	2,757.8	204	0.90	136	0.60	69	0.30
2007	634.39	2,779.6	204	0.89	141	0.62	63	0.28
2008	636.57	2,801.3	199	0.86	144	0.62	55	0.24
2009	638.82	2,835.2	191	0.83	144	0.62	48	0.21
2010	639.99	2,848.5	167	0.72	146	0.63	21	0.09
2011	641.70	2,874.4	197	0.85	153	0.66	44	0.19
2012	644.21	...	229	0.99	154	0.66	75	0.32

(1) See note (1) of Table 2-2. (2) End of year.

Source: See Table 2-1.

2-4. Population Aged 15 and Over by Level of Education

Unit: %

End of Year	Total	Higher Education	Secondary Education	Primary Education	Self-educated Outside the Formal School System	Illiterate
1974	100.00	6.47	31.08	41.89	3.90	16.65
1975	100.00	6.68	32.70	41.14	3.72	15.76
1980	100.00	9.06	39.54	35.98	3.16	12.26
1985	100.00	11.26	45.41	31.25	2.47	9.62
1987	100.00	12.17	47.43	29.59	2.06	8.76
1988	100.00	12.60	48.28	29.09	1.69	8.34
1989	100.00	13.08	48.90	28.48	1.56	7.98
1990	100.00	13.40	50.02	27.48	1.51	7.59
1991	100.00	14.13	50.76	26.56	1.41	7.15
1992	100.00	15.20	51.58	25.05	1.33	6.84
1993	100.00	15.82	52.38	23.91	1.31	6.59
1994	100.00	12.18	56.61	23.89	1.06	6.26
1995	100.00	12.06	55.13	25.87	0.95	5.99
1996	100.00	12.61	57.34	23.56	0.82	5.68
1997	100.00	15.99	54.90	22.97	0.79	5.34
1998	100.00	16.41	52.78	24.97	0.76	5.08
1999	100.00	17.90	53.86	22.80	0.71	4.72
2000	100.00	20.42	53.09	21.37	0.68	4.45
2001	100.00	22.95	51.70	20.50	0.65	4.21
2002	100.00	25.10	50.49	19.82	0.62	3.97
2003	100.00	29.46	49.30	17.69	0.53	3.03
2004	100.00	30.52	48.96	17.18	0.50	2.84
2005	100.00	31.57	48.64	16.64	0.48	2.67
2006	100.00	32.66	48.20	16.17	0.46	2.52
2007	100.00	33.85	47.66	15.69	0.43	2.37
2008	100.00	34.91	47.23	15.23	0.41	2.22
2009	100.00	35.87	46.88	14.78	0.39	2.09
2010	100.00	37.05	46.29	14.33	0.37	1.96
2011	100.00	38.18	45.76	13.87	0.35	1.83
2012	100.00	39.45	45.09	13.41	0.33	1.71

Source: See Table 2-1.

2-5. Population by Dependent and Working Age Groups (1)

End of Year	Number of Persons of Dependent Age (1,000 persons)			Number of Persons of Working Age (15~64) (D) (1,000 persons)	Comparison (%)		
	Total (A)	Under 15 (B)	65 & Over (C)		(A)/(D) x 100	(B)/(D) x 100	(C)/(D) x 100
1952	3,646	3,443	203	4,482	81.4	76.8	4.5
1955	4,163	3,940	223	4,915	84.7	80.2	4.5
1960	5,172	4,904	268	5,620	92.0	87.3	4.8
1965	6,002	5,667	335	6,626	90.6	85.5	5.0
1970	6,249	5,821	428	8,426	74.2	69.1	5.1
1975	6,306	5,738	568	9,917	63.6	57.9	5.7
1980	6,505	5,739	766	11,361	57.3	50.5	6.7
1985	6,693	5,716	977	12,621	53.0	45.3	7.7
1988	6,725	5,579	1,146	13,230	50.8	42.2	8.7
1989	6,745	5,543	1,201	13,412	50.3	41.3	9.0
1990	6,794	5,525	1,269	13,607	49.9	40.6	9.3
1991	6,773	5,427	1,345	13,833	49.0	39.2	9.7
1992	6,777	5,361	1,416	14,025	48.3	38.2	10.1
1993	6,771	5,280	1,491	14,225	47.6	37.1	10.5
1994	6,732	5,170	1,562	14,446	46.6	35.8	10.8
1995	6,707	5,076	1,631	14,650	45.8	34.6	11.1
1996	6,674	4,983	1,692	14,851	44.9	33.5	11.4
1997	6,666	4,914	1,752	15,076	44.2	32.6	11.6
1998	6,626	4,815	1,810	15,303	43.3	31.5	11.8
1999	6,600	4,735	1,865	15,492	42.6	30.6	12.0
2000	6,624	4,703	1,921	15,652	42.3	30.0	12.3
2001	6,635	4,662	1,973	15,770	42.1	29.6	12.5
2002	6,630	4,599	2,031	15,891	41.7	28.9	12.8
2003	6,569	4,482	2,088	16,035	41.0	27.9	13.0
2004	6,538	4,387	2,150	16,152	40.5	27.2	13.3
2005	6,476	4,259	2,217	16,295	39.7	26.1	13.6
2006	6,433	4,146	2,287	16,444	39.1	25.2	13.9
2007	6,374	4,031	2,343	16,585	38.4	24.3	14.1
2008	6,307	3,905	2,402	16,730	37.7	23.3	14.4
2009	6,236	3,778	2,458	16,884	36.9	22.4	14.6
2010	6,112	3,624	2,488	17,050	35.8	21.3	14.6
2011	6,030	3,502	2,528	17,195	35.1	20.4	14.7
2012	6,012	3,412	2,600	17,304	34.7	19.7	15.0

(1) See note (1) of Table 2-2.

Source: See Table 2-1.

2-6a. Population by Age Group (1)

Unit: 1,000 persons

End of Year	All Ages	Under 15				15-64				
		Subtotal	Under 5	5~9	10~14	Subtotal	15~19	20~24	25~29	30~34
1952	8,128	3,443	1,525	953	964	4,482	857	742	632	539
1955	9,078	3,940	1,778	1,217	946	4,915	926	766	704	602
1960	10,792	4,904	1,931	1,761	1,212	5,620	940	759	805	738
1965	12,628	5,667	1,985	1,923	1,759	6,626	1,199	768	905	821
1970	14,676	5,821	1,889	2,007	1,925	8,426	1,754	1,198	926	908
1975	16,223	5,738	1,792	1,928	2,017	9,917	1,927	1,757	1,191	917
1980	17,866	5,739	1,997	1,818	1,924	11,361	2,007	1,922	1,735	1,175
1985	19,314	5,716	1,867	2,036	1,814	12,621	1,912	2,000	1,898	1,713
1988	19,954	5,579	1,644	2,005	1,930	13,230	1,846	1,938	1,970	1,810
1989	20,157	5,543	1,607	1,956	1,981	13,412	1,819	1,919	1,975	1,846
1990	20,401	5,525	1,613	1,893	2,019	13,607	1,796	1,902	1,975	1,872
1991	20,606	5,427	1,623	1,794	2,010	13,833	1,840	1,872	1,966	1,889
1992	20,803	5,361	1,630	1,709	2,023	14,025	1,865	1,860	1,934	1,925
1993	20,995	5,280	1,615	1,670	1,995	14,225	1,906	1,832	1,911	1,945
1994	21,178	5,170	1,602	1,616	1,952	14,446	1,969	1,801	1,892	1,960
1995	21,357	5,076	1,590	1,601	1,884	14,650	2,008	1,780	1,881	1,958
1996	21,525	4,983	1,591	1,615	1,776	14,851	2,000	1,825	1,851	1,954
1997	21,743	4,914	1,599	1,627	1,688	15,076	2,012	1,852	1,843	1,923
1998	21,929	4,815	1,546	1,614	1,656	15,303	1,989	1,900	1,821	1,905
1999	22,092	4,735	1,507	1,625	1,602	15,492	1,940	1,959	1,796	1,890
2000	22,277	4,703	1,489	1,615	1,599	15,652	1,875	2,002	1,779	1,881
2001	22,406	4,662	1,427	1,619	1,616	15,770	1,768	1,992	1,829	1,856
2002	22,521	4,599	1,351	1,621	1,627	15,891	1,681	2,005	1,856	1,847
2003	22,605	4,482	1,310	1,561	1,611	16,035	1,646	1,977	1,901	1,821
2004	22,689	4,387	1,244	1,521	1,622	16,152	1,593	1,928	1,959	1,797
2005	22,770	4,259	1,144	1,503	1,612	16,295	1,590	1,865	2,003	1,782
2006	22,877	4,146	1,093	1,437	1,616	16,444	1,609	1,760	1,999	1,836
2007	22,958	4,031	1,053	1,360	1,618	16,585	1,620	1,676	2,017	1,867
2008	23,037	3,905	1,026	1,320	1,559	16,730	1,606	1,642	1,995	1,917
2009	23,120	3,778	1,002	1,256	1,520	16,884	1,618	1,590	1,951	1,982
2010	23,162	3,624	964	1,158	1,502	17,050	1,608	1,587	1,887	2,029
2011	23,225	3,502	957	1,108	1,436	17,195	1,612	1,604	1,779	2,023
2012	23,316	3,412	984	1,068	1,360	17,304	1,616	1,616	1,688	2,039

(1) See note (1) of Table 2-2.

Source: See Table 2-1.

## 2-6b. Population by Age Group (Continued)

Unit: 1,000 persons

End of Year	15-64						65 & Over		
	35-39	40-44	45-49	50-54	55-59	60-64	Subtotal	65-69	Over 70
1952	454	395	313	245	175	131	203	103	100
1955	488	445	361	276	204	143	223	104	118
1960	632	504	454	350	257	181	268	118	150
1965	771	646	507	446	330	233	335	155	180
1970	846	850	698	514	431	300	428	200	228
1975	897	834	835	678	487	395	568	264	304
1980	907	887	818	811	646	454	766	351	415
1985	1,159	895	868	795	776	604	977	407	570
1988	1,530	945	914	812	779	686	1,146	489	656
1989	1,607	1,022	916	827	771	710	1,201	515	686
1990	1,685	1,145	888	852	765	728	1,269	546	722
1991	1,721	1,299	873	874	761	739	1,345	571	774
1992	1,750	1,415	887	882	770	737	1,416	594	822
1993	1,789	1,512	928	891	778	732	1,491	625	866
1994	1,835	1,594	1,001	884	789	722	1,562	647	915
1995	1,858	1,670	1,121	848	810	715	1,631	664	967
1996	1,877	1,704	1,275	827	828	709	1,692	671	1,020
1997	1,916	1,733	1,392	849	839	719	1,752	673	1,079
1998	1,944	1,776	1,490	895	852	731	1,810	668	1,142
1999	1,951	1,816	1,568	975	851	747	1,865	663	1,202
2000	1,948	1,840	1,644	1,096	818	769	1,921	659	1,262
2001	1,947	1,859	1,679	1,251	801	789	1,973	656	1,317
2002	1,914	1,896	1,706	1,364	822	799	2,031	666	1,366
2003	1,892	1,919	1,745	1,456	866	811	2,088	677	1,411
2004	1,878	1,926	1,784	1,532	944	811	2,150	694	1,456
2005	1,870	1,925	1,809	1,608	1,063	780	2,217	715	1,502
2006	1,850	1,928	1,832	1,647	1,217	766	2,287	737	1,550
2007	1,845	1,897	1,870	1,675	1,329	789	2,343	749	1,594
2008	1,824	1,879	1,896	1,716	1,422	834	2,402	763	1,640
2009	1,805	1,868	1,905	1,756	1,498	911	2,458	764	1,694
2010	1,792	1,862	1,905	1,780	1,573	1,027	2,488	737	1,751
2011	1,845	1,842	1,906	1,801	1,608	1,175	2,528	725	1,804
2012	1,874	1,837	1,875	1,838	1,636	1,284	2,600	747	1,853

2-7a. Percentages of Population by Age Group (1)

Unit: %

End of Year	All Ages	Under 15				15-64				
		Subtotal	Under 5	5-9	10-14	Subtotal	15-19	20-24	25-29	30-34
1952	100.0	42.4	18.8	11.7	11.9	55.1	10.5	9.1	7.8	6.6
1955	100.0	43.4	19.6	13.4	10.4	54.1	10.2	8.4	7.8	6.6
1960	100.0	45.4	17.9	16.3	11.2	52.1	8.7	7.0	7.5	6.8
1965	100.0	44.9	15.7	15.2	13.9	52.5	9.5	6.1	7.2	6.5
1970	100.0	39.7	12.9	13.7	13.1	57.4	12.0	8.2	6.3	6.2
1975	100.0	35.4	11.0	11.9	12.4	61.1	11.9	10.8	7.3	5.6
1980	100.0	32.1	11.2	10.2	10.8	63.6	11.2	10.8	9.7	6.6
1985	100.0	29.6	9.7	10.5	9.4	65.3	9.9	10.4	9.8	8.9
1988	100.0	28.0	8.2	10.0	9.7	66.3	9.3	9.7	9.9	9.1
1989	100.0	27.5	8.0	9.7	9.8	66.5	9.0	9.5	9.8	9.2
1990	100.0	27.1	7.9	9.3	9.9	66.7	8.8	9.3	9.7	9.2
1991	100.0	26.3	7.9	8.7	9.8	67.1	8.9	9.1	9.5	9.2
1992	100.0	25.8	7.8	8.2	9.7	67.4	9.0	8.9	9.3	9.3
1993	100.0	25.1	7.7	8.0	9.5	67.8	9.1	8.7	9.1	9.3
1994	100.0	24.4	7.6	7.6	9.2	68.2	9.3	8.5	8.9	9.3
1995	100.0	23.8	7.4	7.5	8.8	68.6	9.4	8.3	8.8	9.2
1996	100.0	23.1	7.4	7.5	8.3	69.0	9.3	8.5	8.6	9.1
1997	100.0	22.6	7.4	7.5	7.8	69.3	9.3	8.5	8.5	8.8
1998	100.0	22.0	7.0	7.4	7.6	69.8	9.1	8.7	8.3	8.7
1999	100.0	21.4	6.8	7.4	7.3	70.1	8.8	8.9	8.1	8.6
2000	100.0	21.1	6.7	7.3	7.2	70.3	8.4	9.0	8.0	8.4
2001	100.0	20.8	6.4	7.2	7.2	70.4	7.9	8.9	8.2	8.3
2002	100.0	20.4	6.0	7.2	7.2	70.6	7.5	8.9	8.2	8.2
2003	100.0	19.8	5.8	6.9	7.1	70.9	7.3	8.7	8.4	8.1
2004	100.0	19.3	5.5	6.7	7.1	71.2	7.0	8.5	8.6	7.9
2005	100.0	18.7	5.0	6.6	7.1	71.6	7.0	8.2	8.8	7.8
2006	100.0	18.1	4.8	6.3	7.1	71.9	7.0	7.7	8.7	8.0
2007	100.0	17.6	4.6	5.9	7.0	72.2	7.1	7.3	8.8	8.1
2008	100.0	17.0	4.5	5.7	6.8	72.6	7.0	7.1	8.7	8.3
2009	100.0	16.3	4.3	5.4	6.6	73.0	7.0	6.9	8.4	8.6
2010	100.0	15.6	4.2	5.0	6.5	73.6	6.9	6.9	8.1	8.8
2011	100.0	15.1	4.1	4.8	6.2	74.0	6.9	6.9	7.7	8.7
2012	100.0	14.6	4.2	4.6	5.8	74.2	6.9	6.9	7.2	8.7

(1) See note (1) of Table 2-2.

Source: See Table 2-1.

2-7b. Percentages of Population by Age Group (continued)

End of Year	15-64						65 & Over		
	35-39	40-44	45-49	50-54	55-59	60-64	Subtotal	65-69	Over 70
1952	5.6	4.9	3.9	3.0	2.2	1.6	2.5	1.3	1.2
1955	5.4	4.9	4.0	3.0	2.2	1.6	2.5	1.1	1.3
1960	5.9	4.7	4.2	3.2	2.4	1.7	2.5	1.1	1.4
1965	6.1	5.1	4.0	3.5	2.6	1.8	2.6	1.2	1.4
1970	5.8	5.8	4.8	3.5	2.9	2.0	2.9	1.4	1.6
1975	5.5	5.1	5.1	4.2	3.0	2.4	3.5	1.6	1.9
1980	5.1	5.0	4.6	4.5	3.6	2.5	4.3	2.0	2.3
1985	6.0	4.6	4.5	4.1	4.0	3.1	5.1	2.1	3.0
1988	7.7	4.7	4.6	4.1	3.9	3.4	5.7	2.5	3.3
1989	8.0	5.1	4.5	4.1	3.8	3.5	6.0	2.6	3.4
1990	8.3	5.6	4.4	4.2	3.8	3.6	6.2	2.7	3.5
1991	8.3	6.3	4.2	4.2	3.7	3.6	6.5	2.8	3.8
1992	8.4	6.8	4.3	4.2	3.7	3.5	6.8	2.9	4.0
1993	8.5	7.2	4.4	4.2	3.7	3.5	7.1	3.0	4.1
1994	8.7	7.5	4.7	4.2	3.7	3.4	7.4	3.1	4.3
1995	8.7	7.8	5.2	4.0	3.8	3.3	7.6	3.1	4.5
1996	8.7	7.9	5.9	3.8	3.8	3.3	7.9	3.1	4.7
1997	8.8	8.0	6.4	3.9	3.9	3.3	8.1	3.1	5.0
1998	8.9	8.1	6.8	4.1	3.9	3.3	8.3	3.0	5.2
1999	8.8	8.2	7.1	4.4	3.9	3.4	8.4	3.0	5.4
2000	8.7	8.3	7.4	4.9	3.7	3.4	8.6	3.0	5.7
2001	8.7	8.3	7.5	5.6	3.6	3.5	8.8	2.9	5.9
2002	8.5	8.4	7.6	6.1	3.6	3.5	9.0	3.0	6.1
2003	8.4	8.5	7.7	6.4	3.8	3.6	9.2	3.0	6.2
2004	8.3	8.5	7.9	6.8	4.2	3.6	9.5	3.1	6.4
2005	8.2	8.5	7.9	7.1	4.7	3.4	9.7	3.1	6.6
2006	8.1	8.4	8.0	7.2	5.3	3.3	10.0	3.2	6.8
2007	8.0	8.3	8.1	7.3	5.8	3.4	10.2	3.3	6.9
2008	7.9	8.2	8.2	7.4	6.2	3.6	10.4	3.3	7.1
2009	7.8	8.1	8.2	7.6	6.5	3.9	10.6	3.3	7.3
2010	7.7	8.0	8.2	7.7	6.8	4.4	10.7	3.2	7.6
2011	7.9	7.9	8.2	7.8	6.9	5.1	10.9	3.1	7.8
2012	8.0	7.9	8.0	7.9	7.0	5.5	11.2	3.2	7.9

## 2-8a. Labor Force Statistics (1)

Period	Population Aged 15 Over	In Labor Force						Not in Labor Force
		Total	Employed		Unemployed			
			Male	Female	Male	Female		
I. Number (1,000 persons)								
1980	11,378	6,630	4,357	2,191	49	33	4,749	
1981	11,698	6,764	4,448	2,224	55	37	4,934	
1982	12,013	6,959	4,509	2,301	96	53	5,054	
1983	12,263	7,267	4,561	2,509	126	71	4,996	
1984	12,544	7,491	4,661	2,647	116	67	5,052	
1985	12,860	7,650	4,719	2,709	141	81	5,210	
1986	13,161	7,944	4,821	2,912	136	75	5,216	
1987	13,432	8,184	4,966	3,057	100	61	5,248	
1988	13,696	8,246	5,043	3,064	87	52	5,449	
1989	13,955	8,390	5,149	3,110	82	49	5,565	
1990	14,219	8,423	5,175	3,108	88	52	5,795	
1991	14,496	8,568	5,274	3,165	80	49	5,927	
1992	14,771	8,765	5,380	3,252	81	52	6,006	
1993	15,087	8,874	5,422	3,323	75	54	6,213	
1994	15,401	9,081	5,511	3,428	84	58	6,321	
1995	15,687	9,210	5,558	3,487	101	64	6,478	
1996	15,932	9,310	5,508	3,560	154	88	6,621	
1997	16,170	9,432	5,562	3,613	169	88	6,738	
1998	16,448	9,546	5,610	3,679	169	88	6,902	
1999	16,687	9,668	5,624	3,761	188	95	7,020	
2000	16,963	9,783	5,670	3,821	197	95	7,178	
2001	17,179	9,833	5,553	3,830	302	148	7,347	
2002	17,387	9,969	5,547	3,907	348	167	7,417	
2003	17,572	10,076	5,579	3,994	326	177	7,495	
2004	17,760	10,240	5,680	4,106	288	166	7,520	
2005	17,949	10,371	5,753	4,190	259	169	7,578	
2006	18,166	10,522	5,810	4,301	245	166	7,644	
2007	18,392	10,713	5,868	4,426	248	171	7,679	
2008	18,623	10,853	5,902	4,501	271	179	7,770	
2009	18,855	10,917	5,776	4,502	404	235	7,937	
2010	19,062	11,070	5,880	4,613	362	215	7,992	
2011	19,253	11,199	6,006	4,702	297	194	8,053	
2012	19,436	11,341	6,083	4,777	286	195	8,096	

(1) Referring to civilian labor force only.

Source: Directorate-General of Budget, Accounting & Statistics, Executive Yuan, R.O.C., *Monthly Bulletin of Manpower Statistics, May 2013*.

2-8b. Labor Force Statistics (continued)

Period	Population Aged 15 Over	In Labor Force						Not in Labor Force	Unemployment Rate (%)
		Total	Employed		Unemployed				
			Male	Female	Male	Female			
II. Percentage (%)									
1980	100.0	58.3	38.3	19.3	0.4	0.3	41.7	1.2	
1981	100.0	57.8	38.0	19.0	0.5	0.3	42.2	1.4	
1982	100.0	57.9	37.5	19.2	0.8	0.4	42.1	2.1	
1983	100.0	59.3	37.2	20.5	1.0	0.6	40.7	2.7	
1984	100.0	59.7	37.2	21.1	0.9	0.5	40.3	2.5	
1985	100.0	59.5	36.7	21.1	1.1	0.6	40.5	2.9	
1986	100.0	60.4	36.6	22.1	1.0	0.6	39.6	2.7	
1987	100.0	60.9	37.0	22.8	0.7	0.5	39.1	2.0	
1988	100.0	60.2	36.8	22.4	0.6	0.4	39.8	1.7	
1989	100.0	60.1	36.9	22.3	0.6	0.4	39.9	1.6	
1990	100.0	59.2	36.4	21.9	0.6	0.4	40.8	1.7	
1991	100.0	59.1	36.4	21.8	0.6	0.3	40.9	1.5	
1992	100.0	59.3	36.4	22.0	0.5	0.4	40.7	1.5	
1993	100.0	58.8	35.9	22.0	0.5	0.4	41.2	1.5	
1994	100.0	59.0	35.8	22.3	0.5	0.4	41.0	1.6	
1995	100.0	58.7	35.4	22.2	0.6	0.4	41.3	1.8	
1996	100.0	58.4	34.6	22.3	1.0	0.6	41.6	2.6	
1997	100.0	58.3	34.4	22.3	1.0	0.5	41.7	2.7	
1998	100.0	58.0	34.1	22.4	1.0	0.5	42.0	2.7	
1999	100.0	57.9	33.7	22.5	1.1	0.6	42.1	2.9	
2000	100.0	57.7	33.4	22.5	1.2	0.6	42.3	3.0	
2001	100.0	57.2	32.3	22.3	1.8	0.9	42.8	4.6	
2002	100.0	57.3	31.9	22.5	2.0	1.0	42.7	5.2	
2003	100.0	57.3	31.7	22.7	1.9	1.0	42.7	5.0	
2004	100.0	57.7	32.0	23.1	1.6	0.9	42.3	4.4	
2005	100.0	57.8	32.1	23.3	1.4	0.9	42.2	4.1	
2006	100.0	57.9	32.0	23.7	1.3	0.9	42.1	3.9	
2007	100.0	58.2	31.9	24.1	1.3	0.9	41.8	3.9	
2008	100.0	58.3	31.7	24.2	1.5	1.0	41.7	4.1	
2009	100.0	57.9	30.6	23.9	2.1	1.2	42.1	5.9	
2010	100.0	58.1	30.8	24.2	1.9	1.1	41.9	5.2	
2011	100.0	58.2	31.2	24.4	1.5	1.0	41.8	4.4	
2012	100.0	58.4	31.3	24.6	1.5	1.0	41.7	4.2	

(1) Referring to civilian labor force only.

Source: Directorate-General of Budget, Accounting & Statistics, Executive Yuan, R.O.C., *Monthly Bulletin of Manpower Statistics, May 2013*.

2-9a. Employment by Industry

Period	Total	Primary Industry	Secondary Industry					Tertiary Industry			
			Subtotal	Mining	Mfg.	Const.	Utilities	Subtotal	Comm.	Trans.	Other Services
I. Number (1,000 persons)											
1952	2,929	1,642	495	56	362	70	7	792	310	100	382
1955	3,108	1,667	560	57	411	84	8	881	313	124	444
1960	3,473	1,742	713	80	514	107	12	1,018	346	154	518
1965	3,763	1,748	839	82	612	130	15	1,176	389	179	608
1970	4,576	1,681	1,278	72	958	231	17	1,617	623	248	746
1975	5,521	1,681	1,927	62	1,518	325	23	1,913	775	314	824
1980	6,547	1,277	2,784	56	2,152	549	27	2,487	1,058	332	1,097
1985	7,428	1,297	3,088	35	2,501	517	34	3,044	1,327	385	1,332
1988	8,107	1,113	3,443	28	2,802	577	35	3,551	1,530	423	1,598
1989	8,258	1,066	3,476	24	2,796	620	35	3,717	1,605	432	1,680
1990	8,283	1,064	3,382	20	2,653	673	36	3,837	1,621	441	1,775
1991	8,439	1,093	3,370	19	2,598	715	37	3,977	1,712	448	1,817
1992	8,632	1,065	3,419	18	2,585	778	37	4,148	1,771	450	1,927
1993	8,745	1,005	3,418	19	2,483	879	36	4,323	1,806	463	2,054
1994	8,939	976	3,506	18	2,485	967	36	4,456	1,875	473	2,108
1995	9,045	954	3,504	15	2,449	1,003	36	4,587	1,919	469	2,199
1996	9,068	918	3,399	14	2,422	928	35	4,751	1,976	472	2,303
1997	9,176	878	3,502	13	2,570	885	35	4,795	1,995	465	2,335
1998	9,289	822	3,523	12	2,611	865	35	4,944	2,047	477	2,420
1999	9,385	774	3,492	11	2,603	843	35	5,118	2,169	476	2,473
2000	9,491	738	3,534	11	2,655	832	36	5,220	2,201	481	2,538
2001	9,383	706	3,432	10	2,594	745	82	5,245	2,211	611	2,423
2002	9,454	709	3,388	9	2,572	724	83	5,356	2,272	598	2,486
2003	9,573	696	3,398	9	2,600	701	88	5,480	2,288	601	2,591
2004	9,786	642	3,514	7	2,681	732	93	5,631	2,331	614	2,686
2005	9,942	590	3,619	7	2,732	791	89	5,733	2,360	611	2,762
2006	10,111	554	3,700	7	2,777	829	88	5,857	2,424	626	2,807
2007	10,294	543	3,788	6	2,842	846	93	5,962	2,463	621	2,878
2008	10,403	535	3,832	6	2,886	842	99	6,036	2,457	617	2,962
2009	10,279	543	3,684	5	2,790	788	102	6,051	2,428	609	3,014
2010	10,493	550	3,769	4	2,861	797	107	6,174	2,474	612	3,088
2011	10,709	542	3,892	4	2,949	831	108	6,275	2,491	629	3,155
2012	10,860	544	3,935	4	2,975	845	111	6,381	2,550	642	3,189

Source: See Table 2-8a.

2-9b. Employment by Industry (Continued)

Period	Total	Primary Industry	Secondary Industry					Tertiary Industry			
			Subtotal	Mining	Mfg.	Const.	Utilities	Subtotal	Comm.	Trans.	Other Services
II. Percentage (%)											
1952	100.0	56.1	16.9	1.9	12.4	2.4	0.2	27.0	10.6	3.4	13.0
1955	100.0	53.6	18.0	1.8	13.2	2.7	0.3	28.3	10.1	4.0	14.3
1960	100.0	50.2	20.5	2.3	14.8	3.1	0.3	29.3	10.0	4.4	14.9
1965	100.0	46.5	22.3	2.2	16.3	3.5	0.4	31.3	10.3	4.8	16.2
1970	100.0	36.7	27.9	1.6	20.9	5.0	0.4	35.3	13.6	5.4	16.3
1975	100.0	30.4	34.9	1.1	27.5	5.9	0.4	34.6	14.0	5.7	14.9
1980	100.0	19.5	42.5	0.9	32.9	8.4	0.4	38.0	16.2	5.1	16.8
1985	100.0	17.5	41.6	0.5	33.7	7.0	0.5	41.0	17.9	5.2	17.9
1988	100.0	13.7	42.5	0.3	34.6	7.1	0.4	43.8	18.9	5.2	19.7
1989	100.0	12.9	42.1	0.3	33.9	7.5	0.4	45.0	19.4	5.2	20.3
1990	100.0	12.8	40.8	0.2	32.0	8.1	0.4	46.3	19.6	5.3	21.4
1991	100.0	13.0	39.9	0.2	30.8	8.5	0.4	47.1	20.3	5.3	21.5
1992	100.0	12.3	39.6	0.2	29.9	9.0	0.4	48.1	20.5	5.2	22.3
1993	100.0	11.5	39.1	0.2	28.4	10.1	0.4	49.4	20.7	5.3	23.5
1994	100.0	10.9	39.2	0.2	27.8	10.8	0.4	49.8	21.0	5.3	23.6
1995	100.0	10.5	38.7	0.2	27.1	11.1	0.4	50.7	21.2	5.2	24.3
1996	100.0	10.1	37.5	0.2	26.7	10.2	0.4	52.4	21.8	5.2	25.4
1997	100.0	9.6	38.2	0.1	28.0	9.6	0.4	52.3	21.7	5.1	25.4
1998	100.0	8.8	37.9	0.1	28.1	9.3	0.4	53.2	22.0	5.1	26.1
1999	100.0	8.2	37.2	0.1	27.7	9.0	0.4	54.5	23.1	5.1	26.4
2000	100.0	7.8	37.2	0.1	28.0	8.8	0.4	55.0	23.2	5.1	26.7
2001	100.0	7.5	36.6	0.1	27.6	7.9	0.9	55.9	23.6	6.5	25.8
2002	100.0	7.5	35.8	0.1	27.2	7.7	0.9	56.7	24.0	6.3	26.3
2003	100.0	7.3	35.5	0.1	27.2	7.3	0.9	57.2	23.9	6.3	27.1
2004	100.0	6.6	35.9	0.1	27.4	7.5	1.0	57.5	23.8	6.3	27.4
2005	100.0	5.9	36.4	0.1	27.5	8.0	0.9	57.7	23.7	6.1	27.8
2006	100.0	5.5	36.6	0.1	27.5	8.2	0.9	57.9	24.0	6.2	27.8
2007	100.0	5.3	36.8	0.1	27.6	8.2	0.9	57.9	23.9	6.0	28.0
2008	100.0	5.1	36.8	0.1	27.7	8.1	1.0	58.0	23.6	5.9	28.5
2009	100.0	5.3	35.8	0.05	27.1	7.7	1.0	58.9	23.6	5.9	29.3
2010	100.0	5.2	35.9	0.04	27.3	7.6	1.0	58.8	23.6	5.8	29.4
2011	100.0	5.1	36.3	0.04	27.5	7.8	1.0	58.6	23.3	5.9	29.5
2012	100.0	5.0	36.2	0.04	27.4	7.8	1.0	58.8	23.5	5.9	29.4

2-10a. Employment by Level of Education

Period	Total	Junior High & Below			Senior High & Vocational			Junior College & Above		
		Subtotal	Primary & Below	Junior High	Subtotal	Senior High	Vocational	Subtotal	Junior College	College & Above
I. Number (1,000 persons)										
1978	6,231	4,660	3,578	1,081	1,041	380	661	530	265	265
1980	6,547	4,588	3,360	1,228	1,279	449	829	681	350	331
1985	7,428	4,703	3,228	1,475	1,797	533	1,264	928	510	419
1986	7,733	4,762	3,221	1,540	1,971	560	1,411	1,001	548	452
1987	8,022	4,779	3,189	1,590	2,134	592	1,542	1,109	614	495
1988	8,107	4,655	3,047	1,608	2,260	636	1,624	1,193	661	532
1989	8,258	4,603	2,956	1,646	2,388	662	1,726	1,267	702	565
1990	8,283	4,456	2,807	1,649	2,473	704	1,770	1,354	758	596
1991	8,439	4,460	2,753	1,707	2,572	745	1,826	1,407	798	609
1992	8,632	4,414	2,655	1,760	2,691	745	1,946	1,527	884	643
1993	8,745	4,265	2,516	1,750	2,822	759	2,064	1,658	954	704
1994	8,939	4,262	2,457	1,804	2,925	774	2,151	1,751	1,019	732
1995	9,045	4,180	2,361	1,819	2,999	767	2,232	1,866	1,066	800
1996	9,068	3,953	2,194	1,759	3,095	786	2,309	2,019	1,162	858
1997	9,176	3,877	2,112	1,765	3,110	805	2,304	2,189	1,250	938
1998	9,289	3,762	1,985	1,778	3,214	854	2,359	2,313	1,308	1,005
1999	9,385	3,609	1,815	1,794	3,317	874	2,443	2,459	1,394	1,065
2000	9,491	3,520	1,723	1,797	3,375	877	2,498	2,596	1,473	1,123
2001	9,383	3,318	1,602	1,716	3,371	859	2,512	2,694	1,525	1,169
2002	9,454	3,179	1,531	1,647	3,424	857	2,567	2,851	1,581	1,271
2003	9,573	3,063	1,453	1,611	3,491	869	2,622	3,019	1,628	1,391
2004	9,786	2,975	1,376	1,598	3,592	883	2,709	3,220	1,677	1,542
2005	9,942	2,880	1,299	1,581	3,605	873	2,732	3,458	1,724	1,733
2006	10,111	2,770	1,206	1,564	3,631	865	2,766	3,711	1,759	1,951
2007	10,294	2,689	1,137	1,553	3,680	886	2,794	3,925	1,764	2,161
2008	10,403	2,560	1,063	1,497	3,667	881	2,786	4,176	1,787	2,389
2009	10,279	2,392	971	1,421	3,551	859	2,692	4,336	1,767	2,568
2010	10,493	2,361	945	1,415	3,583	871	2,712	4,549	1,798	2,752
2011	10,709	2,312	910	1,402	3,645	894	2,751	4,752	1,814	2,938
2012	10,860	2,268	885	1,383	3,674	910	2,764	4,917	1,812	3,106

Source: See Table 2-8a.

2-10b. Employment by Level of Education (Continued)

Period	Total	Junior High & Below			Senior High & Vocational			Junior College & Above		
		Subtotal	Primary & Under	Junior High	Subtotal	Senior High	Vocational	Subtotal	Junior College	College & Above
II. Percentage (%)										
1978	100.0	74.8	57.4	17.3	16.7	6.1	10.6	8.5	4.3	4.3
1980	100.0	70.1	51.3	18.8	19.5	6.9	12.7	10.4	5.3	5.1
1985	100.0	63.3	43.5	19.9	24.2	7.2	17.0	12.5	6.9	5.6
1986	100.0	61.6	41.7	19.9	25.5	7.2	18.2	12.9	7.1	5.8
1987	100.0	59.6	39.8	19.8	26.6	7.4	19.2	13.8	7.7	6.2
1988	100.0	57.4	37.6	19.8	27.9	7.8	20.0	14.7	8.2	6.6
1989	100.0	55.7	35.8	19.9	28.9	8.0	20.9	15.3	8.5	6.8
1990	100.0	53.8	33.9	19.9	29.9	8.5	21.4	16.3	9.2	7.2
1991	100.0	52.8	32.6	20.2	30.5	8.8	21.6	16.7	9.5	7.2
1992	100.0	51.1	30.8	20.4	31.2	8.6	22.5	17.7	10.2	7.4
1993	100.0	48.8	28.8	20.0	32.3	8.7	23.6	19.0	10.9	8.1
1994	100.0	47.7	27.5	20.2	32.7	8.7	24.1	19.6	11.4	8.2
1995	100.0	46.2	26.1	20.1	33.2	8.5	24.7	20.6	11.8	8.8
1996	100.0	43.6	24.2	19.4	34.1	8.7	25.5	22.3	12.8	9.5
1997	100.0	42.3	23.0	19.2	33.9	8.8	25.1	23.9	13.6	10.2
1998	100.0	40.5	21.4	19.1	34.6	9.2	25.4	24.9	14.1	10.8
1999	100.0	38.5	19.3	19.1	35.3	9.3	26.0	26.2	14.9	11.3
2000	100.0	37.1	18.2	18.9	35.6	9.2	26.3	27.4	15.5	11.8
2001	100.0	35.4	17.1	18.3	35.9	9.2	26.8	28.7	16.3	12.5
2002	100.0	33.6	16.2	17.4	36.2	9.1	27.2	30.2	16.7	13.4
2003	100.0	32.0	15.2	16.8	36.5	9.1	27.4	31.5	17.0	14.5
2004	100.0	30.4	14.1	16.3	36.7	9.0	27.7	32.9	17.1	15.8
2005	100.0	29.0	13.1	15.9	36.3	8.8	27.5	34.8	17.3	17.4
2006	100.0	27.4	11.9	15.5	35.9	8.6	27.4	36.7	17.4	19.3
2007	100.0	26.1	11.0	15.1	35.7	8.6	27.1	38.1	17.1	21.0
2008	100.0	24.6	10.2	14.4	35.2	8.5	26.8	40.1	17.2	23.0
2009	100.0	23.3	9.4	13.8	34.5	8.4	26.2	42.2	17.2	25.0
2010	100.0	22.5	9.0	13.5	34.1	8.3	25.8	43.4	17.1	26.2
2011	100.0	21.6	8.5	13.1	34.0	8.3	25.7	44.4	16.9	27.4
2012	100.0	20.9	8.1	12.7	33.8	8.4	25.5	45.3	16.7	28.6

2-11a. Average Monthly Working Hours of Employees of Nonagricultural Industries

Unit: hour

Period	Industry & Services	Industry	Mining & Quarrying	Manufacturing	Electricity & Gas Supply	Water Supply & Remediation Services	Construction	Services	Trade	Transport & Storage
1980	215	217	187	221	229	205	201	211	210	215
1984	208	210	185	212	208	196	198	203	200	212
1985	204	205	183	205	195	196	201	202	200	211
1986	205	207	182	209	193	197	195	202	199	211
1987	205	207	185	209	189	196	192	202	201	208
1988	203	205	186	207	189	193	195	198	195	206
1989	200	202	188	204	190	194	196	195	192	204
1990	197	200	187	202	190	192	191	192	190	202
1991	197	200	192	202	191	189	191	192	190	201
1992	196	200	190	202	189	187	191	192	189	200
1993	196	200	193	202	190	190	191	192	189	199
1994	197	201	191	202	190	194	195	191	190	198
1995	194	200	189	202	187	193	195	188	186	196
1996	193	199	189	201	186	195	193	187	184	196
1997	194	200	191	202	184	191	192	188	187	196
1998	190	196	190	198	182	187	188	184	183	193
1999	190	197	186	199	183	184	186	184	183	191
2000	190	197	185	199	182	188	188	184	183	190
2001	180	184	184	184	173	184	181	177	178	182
2002	181	186	188	188	172	182	176	177	177	181
2003	181	186	186	188	171	182	176	177	176	179
2004	184	189	184	191	172	183	177	179	180	183
2005	182	187	181	189	171	185	178	177	178	181
2006	181	186	183	187	172	184	178	177	175	180
2007	181	186	184	187	171	185	177	176	175	179
2008	180	184	184	185	173	187	176	176	176	179
2009	177	179	182	179	172	183	175	175	176	180
2010	181	187	185	189	173	183	177	176	176	182
2011	179	184	182	185	171	179	178	174	174	179
2012	178	183	183	184	177	179	178	175	175	181

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan), *Statistical Tables of Establishment Survey*, April 2013.

2-11b. Average Monthly Working Hours of Employees of Nonagricultural Industries (Continued)

Unit: hour

Period	Accommodation and Food Services	Information and Communications	Finance & Insurance	Real Estate	Professional, Scientific and Technical Services	Support Services	Education	Human Health Services	Arts, Entertainment and Recreation	Other Services
1980	213	192	197	198	202	204	...	208	230	243
1984	215	185	194	190	198	195	...	193	230	236
1985	220	173	191	194	196	198	...	194	219	238
1986	210	186	190	196	197	197	...	194	216	241
1987	206	186	190	196	199	200	...	193	213	242
1988	200	186	189	195	196	199	...	193	217	237
1989	193	187	187	194	192	198	...	191	218	229
1990	187	188	183	195	192	193	...	191	207	224
1991	194	185	182	195	190	188	...	190	203	224
1992	198	183	182	196	188	189	...	187	206	224
1993	201	184	183	196	187	191	...	187	208	220
1994	199	186	181	199	186	194	...	186	207	216
1995	193	185	180	195	182	192	...	185	200	215
1996	186	184	181	187	182	194	...	185	197	216
1997	184	183	180	187	182	195	...	188	199	214
1998	185	181	176	185	178	188	...	187	203	207
1999	189	177	175	181	181	187	...	185	202	208
2000	188	176	174	178	183	192	...	183	199	208
2001	176	166	166	172	176	187	...	178	192	200
2002	176	170	169	174	175	187	...	179	192	200
2003	177	169	169	178	177	189	...	177	189	197
2004	169	169	169	185	178	191	...	176	185	200
2005	174	169	168	186	176	189	...	176	185	200
2006	174	168	169	183	175	192	...	175	186	201
2007	173	168	167	178	175	189	...	175	185	202
2008	172	169	168	180	176	188	...	174	181	200
2009	170	169	168	182	174	188	141	173	184	195
2010	172	170	169	180	175	192	139	174	181	196
2011	169	168	166	179	173	192	135	173	183	197
2012	171	169	168	180	174	192	132	174	184	196

2-12a. Average Monthly Earnings of Employees of Nonagricultural Industries

Unit: NT\$

Period	Industry & Services	Industry	Mining & Quarrying	Manufacturing	Electricity & Gas Supply	Water Supply & Remediation Services	Construction	Services	Trade	Transport & Storage
1980	8,843	8,205	11,549	8,034	14,944	9,103	8,309	10,174	9,274	10,585
1984	13,409	12,543	15,773	12,151	25,503	13,102	14,122	15,116	14,419	15,183
1985	13,980	13,099	16,322	12,677	29,007	13,977	14,763	15,716	14,413	16,526
1986	15,118	14,247	17,181	13,960	28,998	15,356	15,037	16,871	15,787	17,469
1987	16,496	15,563	17,863	15,333	30,242	15,752	16,045	18,338	17,196	18,390
1988	18,399	17,282	19,762	16,987	34,495	20,688	17,879	20,441	19,024	20,173
1989	21,247	19,918	21,689	19,429	42,612	23,022	21,433	23,440	21,021	23,368
1990	24,317	22,683	26,522	22,011	47,466	28,249	24,719	26,760	24,692	26,375
1991	26,881	25,359	28,671	24,426	58,395	29,915	28,193	29,052	26,435	29,897
1992	29,449	27,934	31,937	26,938	60,937	31,017	30,825	31,471	28,152	32,271
1993	31,708	30,039	32,875	28,822	64,897	33,927	33,638	33,799	30,548	34,767
1994	33,661	31,829	33,887	30,748	69,330	38,065	34,379	35,860	32,089	36,711
1995	35,389	33,435	35,633	32,489	71,940	39,072	35,278	37,509	34,150	39,258
1996	36,699	34,692	37,354	33,833	79,953	39,304	35,817	38,811	34,904	40,983
1997	38,489	36,174	38,545	35,402	80,437	40,281	37,029	40,901	36,406	42,715
1998	39,673	37,229	40,083	36,431	88,192	41,708	37,886	42,170	37,696	44,074
1999	40,842	38,404	41,432	37,738	91,265	44,729	38,070	43,294	38,695	45,072
2000	41,861	39,498	43,067	38,914	91,805	44,341	38,897	44,210	39,541	45,949
2001	41,960	39,005	44,069	38,412	97,399	46,002	37,746	44,818	39,775	48,017
2002	41,530	38,836	44,804	38,435	93,466	43,917	36,844	44,105	39,152	46,509
2003	42,065	39,851	47,720	39,549	95,191	43,954	37,214	44,153	39,610	45,934
2004	42,685	40,841	46,307	40,657	94,525	42,880	37,916	44,396	39,819	46,986
2005	43,163	41,908	47,671	41,858	91,184	47,647	38,450	44,290	39,545	48,618
2006	43,493	42,507	53,344	42,393	97,230	47,251	39,168	44,359	39,380	48,460
2007	44,414	43,302	51,057	43,169	98,448	44,447	40,327	45,380	39,475	49,234
2008	44,424	43,233	51,499	43,105	89,296	44,649	40,792	45,450	39,980	49,800
2009	42,176	40,032	49,674	39,152	95,996	44,234	40,930	43,914	40,154	48,068
2010	44,430	42,869	52,863	42,420	96,143	45,404	41,674	45,720	41,970	49,161
2011	45,642	43,946	54,385	43,533	94,955	46,212	42,800	47,058	42,847	50,441
2012	45,888	44,280	53,129	43,994	92,457	44,031	42,728	47,233	42,180	50,463

Source: See Table 2-11.

2-12b. Average Monthly Earnings of Employees of Nonagricultural Industries (Continued)

Unit: NT\$

Period	Accommodation and Food Services	Information and Communications	Finance and Insurance	Real Estate	Professional, Scientific & Technical Services	Support Services	Education	Human Health Services	Arts, Entertainment and Recreation	Other Services
1980	7,358	13,708	14,103	17,961	10,902	10,354	...	12,724	8,219	8,313
1984	10,632	18,111	21,505	22,150	17,195	13,638	...	16,683	10,277	10,235
1985	10,619	20,481	23,247	23,135	17,896	14,452	...	17,583	10,076	10,351
1986	10,525	23,187	24,565	22,068	18,417	15,948	...	19,142	10,869	10,323
1987	11,151	24,686	28,054	23,788	20,490	16,288	...	20,453	11,854	11,460
1988	12,142	27,544	32,362	25,924	22,883	17,197	...	22,887	13,207	12,829
1989	13,491	32,565	39,248	30,359	26,065	18,896	...	25,146	16,154	14,737
1990	15,448	36,866	39,061	33,984	31,149	22,457	...	29,158	17,888	16,902
1991	17,049	41,579	41,031	39,214	33,695	23,702	...	32,366	18,235	18,631
1992	18,209	44,518	46,380	39,911	37,883	25,708	...	35,670	20,463	21,485
1993	18,950	48,781	50,035	42,402	40,699	27,785	...	37,176	21,124	22,150
1994	20,373	52,229	56,462	42,056	40,700	29,018	...	39,633	22,133	23,205
1995	22,316	54,649	54,658	40,614	42,718	32,927	...	41,623	22,116	25,077
1996	22,198	55,873	56,886	40,445	43,217	33,649	...	44,797	23,532	25,846
1997	23,528	58,831	60,597	40,666	45,904	35,394	...	47,378	24,893	26,929
1998	24,039	61,421	59,546	41,719	47,898	34,814	...	48,920	26,256	29,530
1999	25,117	61,260	60,332	44,429	49,574	34,919	...	51,020	26,524	30,825
2000	26,060	62,759	60,872	43,716	49,844	35,277	...	53,397	27,592	31,335
2001	25,973	62,100	62,657	42,277	49,227	35,579	...	54,484	28,338	29,927
2002	25,687	59,239	65,703	40,896	45,672	34,605	...	53,841	27,888	29,236
2003	24,951	60,292	64,645	40,431	47,429	32,871	...	55,702	27,666	28,947
2004	24,813	59,417	66,671	39,781	49,311	32,707	...	55,341	29,662	29,421
2005	25,121	61,381	65,113	38,819	50,890	32,815	...	55,603	29,898	30,384
2006	24,960	61,134	69,054	38,313	51,740	32,622	...	55,429	31,303	30,203
2007	25,500	63,756	75,732	37,877	53,281	33,139	...	56,603	31,499	29,926
2008	26,747	63,888	71,319	40,343	54,524	32,999	...	58,122	32,053	29,311
2009	27,171	62,013	67,513	38,720	49,969	31,596	22,195	54,072	31,257	29,731
2010	27,829	64,425	73,663	41,154	52,942	32,351	22,457	54,257	32,841	30,813
2011	29,761	66,588	75,988	42,313	55,182	33,065	22,414	56,203	33,438	32,529
2012	30,156	67,309	76,932	39,957	56,198	33,736	22,769	60,263	35,531	32,683

2-13a. Indices of Average Earnings of Nonagricultural Industries

Base: 2006 = 100

Period	Industry & Services	Industry	Mining & Quarrying	Manufacturing	Electricity & Gas Supply	Water Supply & Remediation Services	Construction	Services	Trade	Transport & Storage
1980	20.33	19.30	21.65	18.95	15.37	19.27	21.21	22.94	23.55	21.84
1984	30.83	29.51	29.57	28.66	26.23	27.73	36.05	34.08	36.62	31.33
1985	32.14	30.82	30.60	29.90	29.83	29.58	37.69	35.43	36.60	34.10
1986	34.76	33.52	32.21	32.93	29.82	32.50	38.39	38.03	40.09	36.05
1987	37.93	36.61	33.49	36.17	31.10	33.34	40.96	41.34	43.67	37.95
1988	42.30	40.66	37.05	40.07	35.48	43.78	45.65	46.08	48.31	41.63
1989	48.85	46.86	40.66	45.83	43.83	48.72	54.72	52.84	53.38	48.22
1990	55.91	53.36	49.72	51.92	48.82	59.78	63.11	60.33	62.70	54.43
1991	61.81	59.66	53.75	57.62	60.06	63.31	71.98	65.49	67.13	61.69
1992	67.71	65.72	59.87	63.54	62.67	65.64	78.70	70.95	71.49	66.59
1993	72.90	70.67	61.63	67.99	66.75	71.80	85.88	76.19	77.57	71.74
1994	77.39	74.88	63.53	72.53	71.31	80.56	87.77	80.84	81.49	75.76
1995	81.37	78.66	66.80	76.64	73.99	82.69	90.07	84.56	86.72	81.01
1996	84.38	81.61	70.02	79.81	82.23	83.18	91.44	87.49	88.63	84.57
1997	88.49	85.10	72.26	83.51	82.73	85.25	94.54	92.20	92.45	88.14
1998	91.22	87.58	75.14	85.94	90.70	88.27	96.73	95.07	95.72	90.95
1999	93.90	90.35	77.67	89.02	93.87	94.66	97.20	97.60	98.26	93.01
2000	96.25	92.92	80.73	91.79	94.42	93.84	99.31	99.66	100.41	94.82
2001	96.48	91.76	82.61	90.61	100.17	97.36	96.37	101.03	101.00	99.09
2002	95.49	91.36	83.99	90.66	96.13	92.94	94.07	99.43	99.42	95.97
2003	96.72	93.75	89.46	93.29	97.90	93.02	95.01	99.54	100.58	94.79
2004	98.14	96.08	86.81	95.90	97.22	90.75	96.80	100.08	101.11	96.96
2005	99.24	98.59	89.37	98.74	93.78	100.84	98.17	99.84	100.42	100.33
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	102.12	101.87	95.71	101.83	101.25	94.07	102.96	102.30	100.24	101.60
2008	102.14	101.71	96.54	101.68	91.84	94.49	104.15	102.46	101.52	102.77
2009	96.97	94.18	93.12	92.35	98.73	93.61	104.50	99.00	101.97	99.19
2010	102.15	100.85	99.10	100.06	98.88	96.09	106.40	103.07	106.58	101.45
2011	104.94	103.39	101.95	102.69	97.66	97.80	109.27	106.08	108.80	104.09
2012	105.51	104.17	99.60	103.78	95.09	93.19	109.09	106.48	107.11	104.13

Source: See Table 2-11.

2-13b. Indices of Average Earnings of Employees of Nonagricultural Industries (Continued)

Base: 2006 = 100

Period	Accommodation and Food Services	Information and Communications	Finance and Insurance	Real Estate	Professional, Scientific and Technical Services	Support Services	Human Health Services	Arts, Entertainment and Recreation	Other Services
1980	29.48	22.42	20.42	46.88	21.07	31.74	22.96	26.26	27.52
1984	42.60	29.63	31.14	57.81	33.23	41.81	30.10	32.83	33.89
1985	42.54	33.50	33.66	60.38	34.59	44.30	31.72	32.19	34.27
1986	42.17	37.93	35.57	57.60	35.60	48.89	34.53	34.72	34.18
1987	44.68	40.38	40.63	62.09	39.60	49.93	36.90	37.87	37.94
1988	48.65	45.06	46.86	67.66	44.23	52.72	41.29	42.19	42.48
1989	54.05	53.27	56.84	79.24	50.38	57.92	45.37	51.61	48.79
1990	61.89	60.30	56.57	88.70	60.20	68.84	52.60	57.14	55.96
1991	68.31	68.01	59.42	102.35	65.12	72.66	58.39	58.25	61.69
1992	72.95	72.82	67.16	104.17	73.22	78.81	64.35	65.37	71.14
1993	75.92	79.79	72.46	110.67	78.66	85.17	67.07	67.48	73.34
1994	81.62	85.43	81.76	109.77	78.66	88.95	71.50	70.71	76.83
1995	89.41	89.39	79.15	106.01	82.56	100.93	75.09	70.65	83.03
1996	88.93	91.39	82.38	105.56	83.53	103.15	80.82	75.17	85.57
1997	94.26	96.23	87.75	106.14	88.72	108.50	85.48	79.52	89.16
1998	96.31	100.47	86.23	108.89	92.57	106.72	88.26	83.88	97.77
1999	100.63	100.21	87.37	115.96	95.81	107.04	92.05	84.73	102.06
2000	104.41	102.66	88.15	114.10	96.34	108.14	96.33	88.14	103.75
2001	104.06	101.58	90.74	110.35	95.14	109.06	98.30	90.53	99.09
2002	102.91	96.90	95.15	106.74	88.27	106.08	97.14	89.09	96.80
2003	99.96	98.62	93.62	105.53	91.67	100.76	100.49	88.38	95.84
2004	99.41	97.19	96.55	103.83	95.31	100.26	99.84	94.76	97.41
2005	100.65	100.40	94.29	101.32	98.36	100.59	100.31	95.51	100.60
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	102.16	104.29	109.67	98.86	102.98	101.58	102.12	100.63	99.08
2008	107.16	104.50	103.28	105.30	105.38	101.16	104.86	102.40	97.05
2009	108.86	101.44	97.77	101.06	96.58	96.85	97.55	99.85	98.44
2010	111.49	105.38	106.67	107.42	102.32	99.17	97.89	104.91	102.02
2011	119.23	108.92	110.04	110.44	106.65	101.36	101.40	106.82	107.70
2012	114.90	107.35	106.21	105.22	109.85	102.49	110.07	112.12	105.95

2-14a. Labor Productivity in Industry

Base: 2006=100

A. Indexes

Period	Industry	Mining & Quarrying	Manufacturing	Food	Textile Mills	Wearing Apparel & Clothing Accessories	Pulp Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Materials	Chemical Products
2002	83.40	85.97	82.67	103.09	104.70	125.07	90.13	77.13	81.45	77.97	87.38
2003	88.71	89.18	88.24	100.66	102.42	116.15	98.31	89.37	93.83	88.07	91.35
2004	92.57	94.28	92.45	97.52	104.75	109.67	101.65	97.74	105.04	93.78	98.46
2005	96.27	97.59	96.18	98.93	100.09	103.93	103.34	105.48	106.12	97.85	95.88
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	106.79	90.41	107.12	99.55	103.36	96.04	103.13	97.74	100.32	111.77	103.18
2008	105.68	89.06	106.02	97.59	97.88	78.61	103.68	94.90	91.50	100.95	91.40
2009	106.34	90.36	106.62	95.65	90.72	62.82	95.03	88.63	89.77	105.31	91.56
2010	124.02	105.51	125.00	92.56	99.54	71.10	95.43	90.84	79.18	112.89	103.95
2011	128.19	106.94	129.28	90.32	90.92	62.88	97.17	89.67	70.96	103.96	103.93
2012	127.23	112.11	128.34	87.43	87.31	57.94	93.12	84.10	71.06	100.99	101.04

B. Percentage Change from Previous Year (%)

Period	Industry	Mining & Quarrying	Manufacturing	Food	Textile Mills	Wearing Apparel & Clothing Accessories	Pulp Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Materials	Chemical Products
2003	6.37	3.73	6.74	-2.36	-2.18	-7.13	9.08	15.87	15.20	12.95	4.54
2004	4.35	5.72	4.77	-3.12	2.27	-5.58	3.40	9.37	11.95	6.48	7.78
2005	4.00	3.51	4.03	1.45	-4.45	-5.23	1.66	7.92	1.03	4.34	-2.62
2006	3.87	2.47	3.97	1.08	-0.09	-3.78	-3.23	-5.20	-5.77	2.20	4.30
2007	6.79	-9.59	7.12	-0.45	3.36	-3.96	3.13	-2.26	0.32	11.77	3.18
2008	-1.04	-1.49	-1.03	-1.97	-5.30	-18.15	0.53	-2.91	-8.79	-9.68	-11.42
2009	0.62	1.46	0.57	-1.99	-7.32	-20.09	-8.34	-6.61	-1.89	4.32	0.18
2010	16.63	16.77	17.24	-3.23	9.72	13.18	0.42	2.49	-11.80	7.20	13.53
2011	3.36	1.36	3.42	-2.42	-8.66	-11.56	1.82	-1.29	-10.38	-7.91	-0.02
2012	-0.75	4.83	-0.73	-3.20	-3.97	-7.86	-4.17	-6.21	0.14	-2.86	-2.78

Source: See Table 2-11.

2-14b. Labor Productivity in Industry (Continued)

Base: 2006=100

A. Indexes

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metals	Fabricated Metal Products	Electronic Parts & Components	Computer, Electronic & Optical Products	Electronic Equipment	Machinery & Equipment	Electricity & Gas Supply	Water Supply & Remediation Services
2002	94.06	105.17	87.81	102.51	112.12	59.32	100.78	102.23	86.89	83.98	86.29
2003	99.27	106.43	91.43	104.55	106.97	68.32	102.81	107.65	92.42	87.57	90.99
2004	103.77	106.52	96.59	105.99	103.75	72.22	101.26	110.58	98.53	91.75	93.74
2005	101.55	104.33	98.38	97.92	99.54	86.46	103.10	105.55	99.92	97.81	96.59
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	102.44	98.95	98.17	97.68	97.53	119.83	107.16	94.01	100.46	101.62	100.26
2008	103.66	91.83	94.89	88.65	92.04	128.72	113.14	87.13	92.83	98.25	98.28
2009	98.36	82.25	88.90	83.83	80.01	139.64	108.85	74.07	79.66	93.19	94.51
2010	110.11	91.41	95.62	95.76	90.25	178.74	125.85	80.70	107.51	96.62	96.83
2011	106.81	93.96	97.82	99.93	96.11	188.44	153.51	80.51	111.89	99.64	100.00
2012	100.98	95.30	92.84	94.01	92.71	194.10	142.76	83.11	99.13	95.19	97.82

B. Percentage Change from Previous Year (%)

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metals	Fabricated Metal Products	Electronic Parts & Components	Computer, Electronic & Optical Products	Electronic Equipment	Machinery & Equipment	Electricity & Gas Supply	Water Supply & Remediation Services
2003	5.54	1.20	4.12	1.99	-4.59	15.17	2.01	5.30	6.36	4.27	5.45
2004	4.53	0.08	5.64	1.38	-3.01	5.71	-1.51	2.72	6.61	4.77	3.02
2005	-2.14	-2.06	1.85	-7.61	-4.06	19.72	1.82	-4.55	1.41	6.60	3.04
2006	-1.53	-4.15	1.65	2.12	0.46	15.66	-3.01	-5.26	0.08	2.24	3.53
2007	2.44	-1.05	-1.83	-2.32	-2.47	19.83	7.16	-5.99	0.46	1.62	0.26
2008	1.19	-7.20	-3.34	-9.24	-5.63	7.42	5.58	-7.32	-7.60	-3.32	-1.97
2009	-5.11	-10.43	-6.31	-5.44	-13.07	8.48	-3.79	-14.99	-14.19	-5.15	-3.84
2010	11.95	11.14	7.56	14.23	12.80	28.00	15.62	8.95	34.96	3.68	2.45
2011	-3.00	2.79	2.30	4.35	6.49	5.43	21.98	-0.24	4.07	3.13	3.27
2012	-5.46	1.43	-5.09	-5.92	-3.54	3.00	-7.00	3.23	-11.40	-4.47	-2.18

2-15a. Unit Labor Cost in Industry

Base: 2006=100

A. Indexes

Period	Industry	Mining & Quarrying	Manufacturing	Food	Textile Mills	Wearing Apparel & Clothing Accessories	Pulp Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Materials	Chemical Products
2002	108.56	94.77	109.16	100.73	85.96	63.41	106.81	135.14	107.38	104.84	107.35
2003	104.64	98.77	104.88	101.03	88.57	70.42	96.09	110.51	93.79	99.92	101.55
2004	101.64	91.23	101.69	101.47	87.63	76.57	96.25	101.51	79.98	91.64	101.31
2005	101.63	92.37	101.83	99.51	95.91	89.99	93.66	96.01	92.07	97.49	109.01
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	95.32	105.10	95.06	100.17	97.10	107.36	96.94	101.49	100.76	87.75	104.64
2008	97.37	107.52	97.31	105.16	103.53	132.51	98.31	101.91	108.53	98.70	121.45
2009	91.00	103.42	90.55	103.73	113.65	154.40	94.69	106.18	99.67	79.90	112.80
2010	80.02	92.77	79.42	106.54	98.82	141.24	98.21	102.53	117.93	84.58	105.51
2011	80.99	95.99	80.30	112.24	111.45	164.18	105.84	107.97	136.60	95.66	104.64
2012	82.91	88.85	82.28	121.42	115.87	186.34	106.23	115.38	129.67	98.33	118.00

B. Percentage Change from Previous Year (%)

Period	Industry	Mining & Quarrying	Manufacturing	Food	Textile Mills	Wearing Apparel & Clothing Accessories	Pulp Paper & Paper Products	Printing & Reproduction of Recorded Media	Petroleum & Coal Products	Chemical Materials	Chemical Products
2003	-3.61	4.22	-3.92	0.30	3.04	11.06	-10.04	-18.23	-12.66	-4.69	-5.40
2004	-2.87	-7.63	-3.04	0.44	-1.06	8.73	0.17	-8.14	-14.72	-8.29	-0.24
2005	-0.01	1.25	0.14	-1.93	9.45	17.53	-2.69	-5.42	15.12	6.38	7.60
2006	-1.60	8.26	-1.80	0.49	4.26	11.12	6.77	4.16	8.61	2.57	-8.27
2007	-4.68	5.10	-4.94	0.17	-2.90	7.36	-3.06	1.49	0.76	-12.25	4.64
2008	2.15	2.30	2.37	4.98	6.62	23.43	1.41	0.41	7.71	12.48	16.06
2009	-6.54	-3.81	-6.95	-1.36	9.77	16.52	-3.68	4.19	-8.16	-19.05	-7.12
2010	-12.07	-10.30	-12.29	2.71	-13.05	-8.52	3.72	-3.44	18.32	5.86	-6.46
2011	1.21	3.47	1.11	5.35	12.78	16.24	7.77	5.31	15.83	13.10	-0.82
2012	2.37	-7.44	2.47	8.18	3.97	13.50	0.37	6.86	-5.07	2.79	12.77

Source: See Table 2-11.

2-15b. Unit Labor Cost in Industry (Continued)

Base: 2006=100

A. Indexes

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metals	Fabricated Metal Products	Electronic Parts & Components	Computer, Electronic & Optical Products	Electronic Equipment	Machinery & Equipment	Electricity & Gas Supply	Water Supply & Remediation Services
2002	97.94	98.78	105.06	77.98	86.83	147.18	87.45	94.17	107.03	113.93	95.89
2003	92.23	99.22	104.14	82.52	95.10	131.70	87.65	89.78	102.32	111.95	90.61
2004	91.46	94.01	103.36	91.56	95.87	128.66	88.38	87.82	96.90	105.61	87.09
2005	96.51	95.32	102.52	101.48	100.08	113.68	91.89	95.10	99.54	96.16	93.59
2006	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2007	100.85	102.40	102.67	108.36	103.94	86.26	97.15	109.43	98.28	99.82	94.57
2008	98.89	109.66	107.46	117.62	109.76	83.09	94.01	114.85	107.98	92.89	99.43
2009	100.34	118.26	109.09	106.22	121.02	69.00	91.88	127.08	120.85	105.49	98.27
2010	91.80	109.06	100.72	101.50	106.48	57.40	79.79	119.71	87.24	101.38	101.14
2011	93.70	109.72	101.05	103.09	104.13	57.51	69.27	122.77	88.75	98.56	102.64
2012	103.45	113.30	108.42	100.55	111.45	56.79	76.52	125.24	102.42	97.13	94.52

B. Percentage Change from Previous Year (%)

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metals	Fabricated Metal Products	Electronic Parts & Components	Computer Electronic & Optical Products	Electronic Equipment	Machinery & Equipment	Electricity & Gas Supply	Water Supply & Remediation Services
2003	-5.83	0.45	-0.88	5.82	9.52	-10.52	0.23	-4.66	-4.40	-1.74	-5.51
2004	-0.83	-5.25	-0.75	10.95	0.81	-2.31	0.83	-2.18	-5.30	-5.66	-3.88
2005	5.52	1.39	-0.81	10.83	4.39	-11.64	3.97	8.29	2.72	-8.95	7.46
2006	3.62	4.91	-2.46	-1.46	-0.08	-12.03	8.83	5.15	0.46	3.99	6.85
2007	0.85	2.40	2.67	8.36	3.94	-13.74	-2.85	9.43	-1.72	-0.18	-5.43
2008	-1.94	7.09	4.67	8.55	5.60	-3.67	-3.23	4.95	9.87	-6.94	5.14
2009	1.47	7.84	1.52	-9.69	10.26	-16.96	-2.27	10.65	11.92	13.56	-1.17
2010	-8.51	-7.78	-7.67	-4.44	-12.01	-16.81	-13.16	-5.80	-27.81	-3.90	2.92
2011	2.07	0.61	0.33	1.57	-2.21	0.19	-13.18	2.56	1.73	-2.78	1.48
2012	10.41	3.26	7.29	-2.46	7.03	-1.25	10.47	2.01	15.40	-1.45	-7.91



### **3. NATIONAL INCOME**



### 3-1. Gross Domestic Product and Gross National Product

(At Market Prices)

Period	Gross Domestic Product (GDP)				Gross National Product (GNP)			
	Amount (NT\$ million)		Nominal Growth Rate (%)	Real Growth Rate (%)	Amount (NT\$ million)		Nominal Growth Rate (%)	Real Growth Rate (%)
	at current prices	at 2006 prices before adjustment of terms of trade			at current prices	at 2006 prices before adjustment of terms of trade		
1952	17,623	226,384	39.3	11.8	17,619	226,279	39.4	11.9
1955	30,685	294,894	19.2	7.8	30,682	294,844	19.2	7.8
1960	63,765	411,014	20.4	6.9	63,738	410,830	20.7	7.2
1965	114,359	641,207	10.5	10.8	114,165	640,036	10.3	10.6
1970	229,390	1,008,247	15.2	10.6	228,978	1,006,253	15.1	10.5
1975	597,660	1,540,574	7.4	5.4	594,316	1,531,441	6.9	4.8
1980	1,519,946	2,549,742	25.1	7.3	1,517,840	2,546,439	24.8	7.1
1985	2,517,129	3,477,891	4.3	4.1	2,564,283	3,548,253	4.9	4.8
1988	3,488,550	4,510,963	6.0	5.6	3,585,924	4,652,938	6.6	6.2
1989	4,003,227	4,974,759	14.8	10.3	4,103,996	5,115,118	14.4	9.9
1990	4,430,055	5,316,579	10.7	6.9	4,547,362	5,473,869	10.8	7.0
1991	4,958,220	5,735,769	11.9	7.9	5,093,770	5,910,937	12.0	8.0
1992	5,534,544	6,169,225	11.6	7.6	5,655,306	6,318,671	11.0	6.9
1993	6,110,101	6,584,559	10.4	6.7	6,224,145	6,721,745	10.1	6.4
1994	6,685,505	7,084,404	9.4	7.6	6,793,022	7,208,615	9.1	7.2
1995	7,277,545	7,536,283	8.9	6.4	7,388,464	7,659,929	8.8	6.3
1996	7,906,075	7,953,510	8.6	5.5	8,015,577	8,072,117	8.5	5.4
1997	8,574,784	8,389,017	8.5	5.5	8,664,395	8,485,044	8.1	5.1
1998	9,204,174	8,679,815	7.3	3.5	9,272,725	8,751,964	7.0	3.1
1999	9,649,049	9,198,098	4.8	6.0	9,739,567	9,293,129	5.0	6.2
2000	10,187,394	9,731,208	5.6	5.8	10,326,952	9,875,996	6.0	6.3
2001	9,930,387	9,570,584	-2.5	-1.7	10,122,411	9,770,036	-2.0	-1.1
2002	10,411,639	10,074,337	4.8	5.3	10,654,141	10,326,659	5.3	5.7
2003	10,696,257	10,443,993	2.7	3.7	11,025,130	10,787,061	3.5	4.5
2004	11,365,292	11,090,474	6.3	6.2	11,737,391	11,472,874	6.5	6.4
2005	11,740,279	11,612,093	3.3	4.7	12,031,145	11,905,372	2.5	3.8
2006	12,243,471	12,243,471	4.3	5.4	12,555,170	12,555,170	4.4	5.5
2007	12,910,511	12,975,985	5.4	6.0	13,243,277	13,303,643	5.5	6.0
2008	12,620,150	13,070,681	-2.2	0.7	12,934,796	13,370,583	-2.3	0.5
2009	12,481,093	12,834,049	-1.1	-1.8	12,895,087	13,229,842	-0.3	-1.1
2010	13,614,221	14,210,285	9.1	10.7	14,043,892	14,617,351	8.9	10.5
2011	13,745,010	14,782,363	1.0	4.0	14,133,099	15,145,078	0.6	3.6
2012	14,042,125	14,988,594	2.7	1.3	14,493,640	15,402,484	3.1	1.6

Sources: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan), *Statistical Abstract of National Accounts, February 2013*.

3-2a. Average Annual Growth Rate of Real GDP

Unit: %

Terminal Year	Initial Year																	
	1951	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
1952	11.8																	
1977	9.1	10.9																
1978	9.2	12.2	13.5															
1979	9.2	10.8	10.7	8.0														
1980	9.1	9.9	9.6	7.7	7.3													
1981	9.0	9.2	8.8	7.3	6.9	6.5												
1982	8.9	8.3	7.8	6.4	5.9	5.2	4.0											
1983	8.9	8.3	7.9	6.8	6.5	6.2	6.1	8.3										
1984	8.9	8.4	8.1	7.2	7.1	7.0	7.2	8.8	9.3									
1985	8.7	7.9	7.6	6.8	6.6	6.4	6.4	7.2	6.7	4.1								
1986	8.8	8.2	8.0	7.3	7.2	7.2	7.3	8.1	8.1	7.5	11.0							
1987	8.8	8.5	8.2	7.7	7.6	7.7	7.9	8.6	8.7	8.5	10.8							
1988	8.8	8.2	8.0	7.4	7.4	7.4	7.5	8.1	8.1	7.8	9.1	8.1	5.6					
1989	8.8	8.4	8.2	7.7	7.7	7.7	7.9	8.4	8.5	8.3	9.4	8.8	7.9	10.3				
1990	8.7	8.3	8.1	7.6	7.6	7.6	7.8	8.2	8.2	8.0	8.9	8.3	7.6	8.6	6.9			
1991	8.7	8.2	8.1	7.7	7.6	7.6	7.8	8.2	8.2	8.0	8.7	8.2	7.6	8.3	7.4	7.9		
1992	8.7	8.2	8.0	7.6	7.6	7.6	7.7	8.1	8.1	8.0	8.5	8.1	7.6	8.1	7.4	7.7	7.6	
1993	8.6	8.1	7.9	7.6	7.6	7.6	7.7	8.0	8.0	7.8	8.3	7.9	7.5	7.9	7.3	7.4	7.1	6.7
1994	8.6	8.1	7.9	7.6	7.6	7.6	7.7	8.0	7.9	7.8	8.2	7.9	7.5	7.8	7.3	7.4	7.3	7.2
1995	8.6	8.0	7.8	7.5	7.5	7.5	7.6	7.8	7.8	7.7	8.0	7.7	7.4	7.6	7.2	7.2	7.1	6.9
1996	8.5	7.9	7.7	7.4	7.4	7.4	7.4	7.7	7.6	7.5	7.8	7.5	7.1	7.3	6.9	6.9	6.8	6.6
1997	8.4	7.8	7.6	7.3	7.3	7.3	7.3	7.5	7.5	7.3	7.6	7.3	7.0	7.1	6.7	6.7	6.5	6.3
1998	8.3	7.6	7.4	7.1	7.1	7.0	7.1	7.3	7.2	7.1	7.3	7.0	6.7	6.8	6.4	6.3	6.1	5.9
1999	8.3	7.5	7.3	7.1	7.0	7.0	7.0	7.2	7.1	7.0	7.2	6.9	6.6	6.7	6.3	6.3	6.1	5.9
2000	8.2	7.4	7.3	7.0	6.9	6.9	7.0	7.1	7.0	6.9	7.1	6.8	6.5	6.6	6.3	6.2	6.0	5.9
2001	8.0	7.0	6.9	6.6	6.5	6.5	6.5	6.6	6.5	6.4	6.5	6.2	5.9	6.0	5.6	5.5	5.3	5.0
2002	8.0	7.0	6.8	6.5	6.5	6.4	6.4	6.6	6.5	6.3	6.5	6.2	5.9	5.9	5.6	5.5	5.3	5.0
2003	7.9	6.8	6.7	6.4	6.4	6.3	6.3	6.4	6.3	6.2	6.3	6.0	5.7	5.8	5.4	5.3	5.1	4.9
2004	7.8	6.8	6.7	6.4	6.4	6.3	6.3	6.4	6.3	6.2	6.3	6.0	5.8	5.8	5.5	5.4	5.2	5.0
2005	7.8	6.7	6.6	6.4	6.3	6.3	6.2	6.3	6.3	6.1	6.2	6.0	5.7	5.7	5.4	5.3	5.2	5.0
2006	7.7	6.7	6.6	6.3	6.3	6.2	6.2	6.3	6.2	6.1	6.2	5.9	5.7	5.7	5.4	5.4	5.2	5.0
2007	7.7	6.7	6.5	6.3	6.3	6.2	6.2	6.3	6.2	6.1	6.2	5.9	5.7	5.7	5.5	5.4	5.2	5.1
2008	7.6	6.5	6.4	6.1	6.1	6.0	6.0	6.1	6.0	5.8	5.9	5.7	5.5	5.5	5.2	5.1	5.0	4.8
2009	7.4	6.2	6.1	5.9	5.8	5.7	5.7	5.8	5.7	5.5	5.6	5.4	5.1	5.1	4.9	4.7	4.6	4.4
2010	7.5	6.4	6.2	6.0	5.9	5.9	5.9	5.9	5.9	5.7	5.8	5.6	5.4	5.4	5.1	5.0	4.9	4.7
2011	7.4	6.3	6.2	5.9	5.9	5.8	5.8	5.9	5.8	5.7	5.7	5.5	5.3	5.3	5.1	5.0	4.8	4.7
2012	7.2	6.2	6.1	5.8	5.8	5.7	5.7	5.7	5.6	5.5	5.5	5.3	5.1	5.1	4.9	4.8	4.6	4.5

## 3-2b. Average Annual Growth Rate of Real GDP (Continued)

Unit: %

Terminal Year	Initial Year																			
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
1952																				
1977																				
1978																				
1979																				
1980																				
1981																				
1982																				
1983																				
1984																				
1985																				
1986																				
1987																				
1988																				
1989																				
1990																				
1991																				
1992																				
1993																				
1994	7.6																			
1995	7.0	6.4																		
1996	6.5	6.0	5.5																	
1997	6.2	5.8	5.5	5.5																
1998	5.7	5.2	4.8	4.5	3.5															
1999	5.7	5.4	5.1	5.0	4.7	6.0														
2000	5.7	5.4	5.2	5.2	5.1	5.9	5.8													
2001	4.8	4.4	4.1	3.8	3.3	3.3	2.0	-1.7												
2002	4.8	4.5	4.2	4.0	3.7	3.8	3.1	1.7	5.3											
2003	4.7	4.4	4.2	4.0	3.7	3.8	3.2	2.4	4.5	3.7										
2004	4.9	4.6	4.4	4.2	4.1	4.2	3.8	3.3	5.0	4.9	6.2									
2005	4.8	4.6	4.4	4.3	4.1	4.2	4.0	3.6	5.0	4.8	5.4	4.7								
2006	4.9	4.7	4.5	4.4	4.3	4.4	4.2	3.9	5.0	5.0	5.4	5.1	5.4							
2007	5.0	4.8	4.6	4.6	4.5	4.6	4.4	4.2	5.2	5.2	5.6	5.4	5.7	6.0						
2008	4.7	4.5	4.3	4.2	4.1	4.2	4.0	3.8	4.6	4.4	4.6	4.2	4.0	3.3	0.7					
2009	4.3	4.0	3.9	3.7	3.6	3.6	3.4	3.1	3.7	3.5	3.5	3.0	2.5	1.6	-0.5	-1.8				
2010	4.6	4.4	4.3	4.2	4.1	4.2	4.0	3.9	4.5	4.4	4.5	4.2	4.1	3.8	3.1	4.3	10.7			
2011	4.6	4.4	4.3	4.2	4.1	4.2	4.0	3.9	4.4	4.4	4.4	4.2	4.1	3.8	3.3	4.2	7.3	4.0		
2012	4.4	4.2	4.1	4.0	3.9	4.0	3.8	3.7	4.1	4.0	4.1	3.8	3.7	3.4	2.9	3.5	5.3	2.7	1.3	

## 3-3a. Average Annual Growth Rate of Real GNP

Unit: %

Terminal Year	Initial Year																	
	1951	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
1952	11.9																	
1977	9.1	11.0																
1978	9.2	12.5	14.0															
1979	9.2	11.1	11.1	8.3														
1980	9.1	10.1	9.8	7.7	7.1													
1981	9.0	9.3	8.8	7.2	6.6	6.0												
1982	8.9	8.4	7.9	6.5	5.9	5.3	4.5											
1983	8.9	8.5	8.0	6.9	6.5	6.3	6.5	8.5										
1984	8.9	8.7	8.4	7.5	7.3	7.4	7.9	9.6	10.6									
1985	8.8	8.3	7.9	7.1	6.9	6.9	7.1	7.9	7.6	4.8								
1986	8.9	8.6	8.4	7.7	7.6	7.7	8.0	8.9	9.1	8.3	12.0							
1987	8.9	8.8	8.6	8.0	7.9	8.1	8.4	9.2	9.4	9.0	11.1	10.2						
1988	8.8	8.6	8.4	7.8	7.7	7.8	8.1	8.7	8.7	8.3	9.5	8.2	6.2					
1989	8.9	8.7	8.5	8.0	8.0	8.1	8.3	8.9	8.9	8.6	9.6	8.8	8.1	9.9				
1990	8.8	8.6	8.4	7.9	7.9	8.0	8.2	8.6	8.7	8.3	9.1	8.3	7.7	8.5	7.0			
1991	8.8	8.5	8.3	7.9	7.9	8.0	8.2	8.6	8.6	8.3	8.9	8.3	7.8	8.3	7.5	8.0		
1992	8.8	8.4	8.2	7.8	7.8	7.9	8.0	8.4	8.4	8.1	8.6	8.0	7.6	8.0	7.3	7.4	6.9	
1993	8.7	8.3	8.1	7.7	7.7	7.8	7.9	8.2	8.2	7.9	8.3	7.8	7.4	7.6	7.1	7.1	6.6	6.4
1994	8.7	8.2	8.1	7.7	7.7	7.7	7.8	8.1	8.1	7.8	8.2	7.7	7.4	7.6	7.1	7.1	6.8	6.8
1995	8.6	8.1	8.0	7.6	7.6	7.6	7.7	8.0	7.9	7.7	8.0	7.6	7.2	7.4	7.0	7.0	6.7	6.6
1996	8.5	8.0	7.8	7.5	7.5	7.5	7.6	7.8	7.7	7.5	7.8	7.3	7.0	7.1	6.7	6.7	6.4	6.3
1997	8.5	7.9	7.7	7.4	7.3	7.3	7.4	7.6	7.6	7.3	7.5	7.1	6.8	6.9	6.5	6.5	6.2	6.1
1998	8.3	7.6	7.5	7.2	7.1	7.1	7.2	7.3	7.3	7.0	7.2	6.8	6.5	6.5	6.1	6.0	5.8	5.6
1999	8.3	7.6	7.4	7.1	7.1	7.1	7.1	7.3	7.2	7.0	7.1	6.8	6.5	6.5	6.2	6.1	5.8	5.7
2000	8.3	7.5	7.4	7.1	7.0	7.0	7.1	7.2	7.1	6.9	7.1	6.7	6.5	6.5	6.2	6.1	5.9	5.7
2001	8.1	7.2	7.0	6.7	6.6	6.6	6.6	6.8	6.7	6.4	6.5	6.2	5.9	5.9	5.5	5.4	5.2	5.0
2002	8.0	7.1	6.9	6.7	6.6	6.6	6.6	6.7	6.6	6.4	6.5	6.1	5.9	5.9	5.6	5.4	5.2	5.0
2003	7.9	7.0	6.9	6.6	6.5	6.5	6.5	6.6	6.5	6.3	6.4	6.0	5.8	5.8	5.5	5.4	5.1	5.0
2004	7.9	7.0	6.8	6.6	6.5	6.5	6.5	6.6	6.5	6.3	6.4	6.1	5.8	5.8	5.5	5.4	5.2	5.1
2005	7.8	6.9	6.7	6.5	6.4	6.4	6.4	6.5	6.4	6.2	6.2	5.9	5.7	5.7	5.4	5.3	5.1	5.0
2006	7.8	6.8	6.7	6.4	6.4	6.3	6.3	6.4	6.3	6.1	6.2	5.9	5.7	5.7	5.4	5.3	5.2	5.0
2007	7.8	6.8	6.7	6.4	6.3	6.3	6.3	6.4	6.3	6.1	6.2	5.9	5.7	5.7	5.5	5.4	5.2	5.1
2008	7.6	6.6	6.5	6.2	6.1	6.1	6.1	6.2	6.1	5.9	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8
2009	7.5	6.4	6.2	6.0	5.9	5.8	5.8	5.9	5.8	5.6	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.4
2010	7.5	6.5	6.3	6.1	6.0	6.0	6.0	6.1	6.0	5.8	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.8
2011	7.5	6.4	6.3	6.0	6.0	5.9	5.9	6.0	5.9	5.7	5.7	5.5	5.3	5.3	5.1	5.0	4.8	4.7
2012	7.3	6.3	6.1	5.9	5.8	5.8	5.8	5.8	5.7	5.6	5.6	5.3	5.2	5.1	4.9	4.8	4.7	4.5

Source: See Table 3-1.

3-3b. Average Annual Growth Rate of Real GNP (Continued)

Unit: %

Terminal Year	Initial Year																		
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1952																			
1977																			
1978																			
1979																			
1980																			
1981																			
1982																			
1983																			
1984																			
1985																			
1986																			
1987																			
1988																			
1989																			
1990																			
1991																			
1992																			
1993																			
1994	7.2																		
1995	6.8	6.3																	
1996	6.3	5.8	5.4																
1997	6.0	5.6	5.2	5.1															
1998	5.4	5.0	4.5	4.1	3.1														
1999	5.5	5.2	5.0	4.8	4.7	6.2													
2000	5.7	5.4	5.2	5.2	5.2	6.2	6.3												
2001	4.8	4.4	4.1	3.9	3.6	3.7	2.5	-1.1											
2002	4.9	4.6	4.4	4.2	4.0	4.2	3.6	2.3	5.7										
2003	4.8	4.6	4.4	4.2	4.1	4.3	3.8	3.0	5.1	4.5									
2004	5.0	4.8	4.6	4.5	4.4	4.6	4.3	3.8	5.5	5.4	6.4								
2005	4.9	4.7	4.5	4.4	4.3	4.5	4.2	3.8	5.1	4.9	5.1	3.8							
2006	4.9	4.7	4.6	4.5	4.4	4.6	4.4	4.1	5.1	5.0	5.2	4.6	5.5						
2007	5.0	4.8	4.7	4.6	4.6	4.8	4.6	4.3	5.3	5.2	5.4	5.1	5.7	6.0					
2008	4.7	4.5	4.4	4.3	4.2	4.3	4.1	3.9	4.6	4.4	4.4	3.9	3.9	3.2	0.5				
2009	4.3	4.1	4.0	3.9	3.8	3.8	3.6	3.3	3.9	3.6	3.5	2.9	2.7	1.8	-0.3	-1.1			
2010	4.7	4.5	4.4	4.3	4.3	4.4	4.2	4.0	4.6	4.4	4.4	4.1	4.2	3.9	3.2	4.6	10.5		
2011	4.6	4.5	4.4	4.3	4.2	4.3	4.2	4.0	4.5	4.3	4.3	4.0	4.1	3.8	3.3	4.2	7.0	3.6	
2012	4.5	4.3	4.2	4.1	4.0	4.1	4.0	3.8	4.2	4.1	4.0	3.7	3.7	3.4	2.9	3.6	5.2	1.6	1.6

### 3-4. Per Capita Gross National Product

Period	At Current Prices				At 2006 Prices Before Adjustment of Terms of Trade	
	US\$		NT\$		Amount (NT\$)	Real Growth Rate (%)
	Amount	Nominal Growth Rate (%)	Amount	Nominal Growth Rate (%)		
1952	213	34.8	2,190	34.4	28,120	7.9
1955	220	14.6	3,422	14.9	32,881	4.0
1960	164	16.3	5,975	16.4	38,512	3.4
1965	228	7.0	9,125	7.0	51,154	7.3
1970	393	11.3	15,702	11.1	69,002	6.6
1975	973	5.0	36,971	4.9	95,268	2.9
1980	2,381	22.5	85,732	22.5	143,830	5.1
1985	3,352	2.9	133,615	3.5	184,887	3.3
1988	6,318	17.4	180,745	5.4	234,527	5.0
1989	7,748	22.6	204,632	13.2	255,048	8.8
1990	8,339	7.6	224,241	9.6	269,929	5.8
1991	9,263	11.1	248,433	10.8	288,288	6.8
1992	10,856	17.2	273,147	9.9	305,187	5.9
1993	11,285	4.0	297,820	9.0	321,630	5.4
1994	12,175	7.9	322,148	8.2	341,857	6.3
1995	13,115	7.7	347,404	7.8	360,168	5.4
1996	13,614	3.8	373,836	7.6	376,473	4.5
1997	13,955	2.5	400,497	7.1	392,206	4.2
1998	12,692	-9.1	424,659	6.0	400,810	2.2
1999	13,712	8.0	442,497	4.2	422,214	5.3
2000	14,906	8.7	465,502	5.2	445,175	5.4
2001	13,401	-10.1	453,084	-2.7	437,312	-1.8
2002	13,716	2.4	474,294	4.7	459,715	5.1
2003	14,197	3.5	488,645	3.0	478,093	4.0
2004	15,503	9.2	518,280	6.1	506,599	6.0
2005	16,449	6.1	529,313	2.1	523,779	3.4
2006	16,911	2.8	550,099	3.9	550,099	5.0
2007	17,596	4.1	577,869	5.0	580,503	5.5
2008	17,833	1.3	562,439	-2.7	581,388	0.2
2009	16,901	-5.2	558,751	-0.7	573,256	-1.4
2010	19,175	13.5	606,885	8.6	631,666	10.2
2011	20,690	7.9	609,590	0.4	652,988	3.4
2012	21,042	2.3	623,004	2.8	---	1.6

Source: See Table 3-1.

### 3-5. National Income

Period	At Current Prices		At 2006 Prices After Adjustment of Terms of Trade	
	Amount (NT\$ million)	Nominal Growth Rate (%)	Amount (NT\$ million)	Real Growth Rate (%)
1952	17,117	39.5	231,592	12.2
1955	29,300	18.4	298,108	8.2
1960	60,300	21.0	410,008	6.7
1965	108,160	10.3	647,788	8.3
1970	215,345	15.2	1,047,698	11.1
1975	538,473	5.9	1,526,903	4.6
1980	1,370,084	24.3	2,474,537	4.9
1985	2,329,374	5.4	3,384,848	4.5
1988	3,376,379	9.2	4,765,342	8.1
1989	3,778,844	11.9	5,183,392	8.8
1990	4,159,304	10.1	5,485,048	5.8
1991	4,659,322	12.0	5,945,019	8.4
1992	5,127,513	10.0	6,317,347	6.3
1993	5,649,742	10.2	6,707,476	6.2
1994	6,175,452	9.3	7,126,595	6.2
1995	6,693,956	8.4	7,493,383	5.1
1996	7,259,683	8.5	7,960,631	6.2
1997	7,855,554	8.2	8,479,995	6.5
1998	8,343,146	6.2	8,880,601	4.7
1999	8,721,516	4.5	9,219,245	3.8
2000	9,214,037	5.6	9,648,190	4.7
2001	8,928,963	-3.1	9,239,500	-4.2
2002	9,381,500	5.1	9,708,892	5.1
2003	9,745,873	3.9	10,041,385	3.4
2004	10,297,925	5.7	10,442,854	4.0
2005	10,541,566	2.4	10,619,781	1.7
2006	10,931,697	3.7	10,931,697	2.9
2007	11,433,779	4.6	11,288,156	3.3
2008	11,020,825	-3.6	10,630,499	-5.8
2009	10,875,793	-1.3	10,897,040	2.5
2010	12,063,531	10.9	11,848,230	8.7
2011	12,016,875	-0.4	11,755,096	-0.8
2012	12,218,540	0.7	11,963,120	1.1

Source: See Table 3-1.

### 3-6. Per Capita National Income

(At Market Prices)

Period	At Current Prices				At 2006 Prices Af ter Adjustment of Terms of Trade	
	US\$		NT\$		Amount (NT\$)	Real Growth Rate (%)
	Amount	Nominal Growth Rate (%)	Amount	Nominal Growth Rate (%)		
1952	207	34.4	2,127	34.5	28,780	8.2
1955	210	14.1	3,268	14.2	33,245	4.3
1960	155	16.5	5,653	16.7	38,435	2.9
1965	216	6.9	8,645	7.0	51,774	5.1
1970	369	11.1	14,767	11.1	71,844	7.2
1975	882	4.0	33,497	4.0	94,985	2.7
1980	2,150	22.0	77,386	22.0	139,769	3.0
1985	3,045	3.3	121,375	3.9	176,372	3.0
1988	5,948	20.2	170,183	7.9	240,192	6.9
1989	7,134	19.9	188,419	10.7	258,452	7.6
1990	7,628	6.9	205,105	8.9	270,480	4.7
1991	8,473	11.1	227,244	10.8	289,950	7.2
1992	9,843	16.2	247,655	9.0	305,124	5.2
1993	10,244	4.1	270,335	9.2	320,947	5.2
1994	11,068	8.0	292,861	8.3	337,967	5.3
1995	11,882	7.4	314,748	7.5	352,337	4.3
1996	12,330	3.8	338,582	7.6	371,273	5.4
1997	12,652	2.6	363,109	7.2	391,973	5.6
1998	11,419	-9.7	382,087	5.2	406,701	3.8
1999	12,279	7.5	396,244	3.7	418,857	3.0
2000	13,299	8.3	415,336	4.8	434,906	3.8
2001	11,821	-11.1	399,665	-3.8	413,565	-4.9
2002	12,077	2.2	417,639	4.5	432,214	4.5
2003	12,549	3.9	431,947	3.4	445,044	3.0
2004	13,602	8.4	454,718	5.3	461,118	3.6
2005	14,412	6.0	463,778	2.0	467,219	1.3
2006	14,724	2.2	478,968	3.3	478,968	2.5
2007	15,192	3.2	498,912	4.2	492,557	2.8
2008	15,194	0.0	479,214	-3.9	462,242	-6.2
2009	14,255	-6.2	471,254	-1.7	472,175	2.1
2010	16,471	15.5	521,307	10.6	512,003	8.4
2011	17,590	6.8	518,315	-0.6	506,827	-1.0
2012	17,738	-0.1	525,213	0.4	514,059	0.8

Source: See Table 3-1.

### 3-7a. Distribution of National Income

Period	2004	2005	2006	2007	2008	2009	2010	2011
<b>I. Amount (NT\$ million)</b>								
National income at market prices	10,297,925	10,541,566	10,931,697	11,433,779	11,020,825	10,875,793	12,063,531	12,137,562
A. Household (1)	8,015,082	8,305,439	8,792,749	9,163,449	9,040,583	8,807,518	9,357,733	9,538,280
1. Compensation of employees	5,189,752	5,428,819	5,695,320	5,850,125	5,935,709	5,678,423	6,080,183	6,329,413
2. Operating surplus, property and entrepreneurial income, net	2,825,330	2,876,620	3,097,429	3,313,324	3,104,874	3,129,095	3,277,550	3,028,867
B. General government	900,331	917,850	926,626	917,807	857,636	864,091	948,505	1,046,863
1. Net indirect taxes	696,965	719,123	716,238	718,992	675,386	614,626	732,313	782,272
2. Operating surplus, property and entrepreneurial income, net	203,366	198,727	210,388	198,815	182,250	249,465	216,192	264,591
C. Corporate (2)	1,382,512	1,318,277	1,212,322	1,352,523	1,122,606	1,204,184	1,757,293	1,552,419
1. Operating surplus	2,449,539	2,454,094	2,487,253	2,751,964	2,319,833	2,327,203	2,960,523	2,745,928
2. Property and entrepreneurial income, net	-1,067,027	-1,135,817	-1,274,931	-1,399,441	-1,197,227	-1,123,019	-1,203,230	-1,193,509
Net current transfers	-127,855	-137,211	-128,018	-125,033	-88,233	-70,905	-85,762	-108,770
A. Household (1)	-148,951	-194,336	-223,023	-245,437	-294,984	-63,072	-178,116	-175,498
B. General government	443,588	578,344	599,481	720,582	824,892	479,993	535,567	574,922
C. Corporate (2)	-422,492	-521,219	-504,476	-600,178	-618,141	-487,826	-443,213	-508,194
National disposable income	10,170,070	10,404,355	10,803,679	11,308,746	10,932,592	10,804,888	11,977,769	12,028,792
A. Household (1)	7,866,131	8,111,103	8,569,726	8,918,012	8,745,599	8,744,446	9,179,617	9,362,782
B. General government	1,343,919	1,496,194	1,526,107	1,638,389	1,682,528	1,344,084	1,484,072	1,621,785
C. Corporate (2)	960,020	797,058	707,846	752,345	504,465	716,358	1,314,080	1,044,225

Note: (1) includes private nonprofit institutions serving households; (2) includes quasi-corporate enterprises.

Source: See Table 3-1.

## 3-7b. Distribution of National Income (Continued)

Period	2004	2005	2006	2007	2008	2009	2010	2011
I. Percentage (%)								
National income at market prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
A. Household (1)	77.8	78.8	80.4	80.1	82.0	81.0	77.6	78.6
1. Compensation of employees	50.4	51.5	52.1	51.2	53.9	52.2	50.4	52.1
2. Operating surplus, property and entrepreneurial income, net	27.4	27.3	28.3	29.0	28.2	28.8	27.2	25.0
B. General government	8.7	8.7	8.5	8.0	7.8	7.9	7.9	8.6
1. Net indirect taxes	6.8	6.8	6.6	6.3	6.1	5.7	6.1	6.4
2. Operating surplus, property and entrepreneurial income, net	2.0	1.9	1.9	1.7	1.7	2.3	1.8	2.2
C. Corporate (2)	13.4	12.5	11.1	11.8	10.2	11.1	14.6	12.8
1. Operating surplus	23.8	23.3	22.8	24.1	21.0	21.4	24.5	22.6
2. Property and entrepreneurial income, net	-10.4	-10.8	-11.7	-12.2	-10.9	-10.3	-10.0	-9.8
Net current transfers	-1.2	-1.3	-1.2	-1.1	-0.8	-0.7	-0.7	-0.9
A. Household (1)	-1.4	-1.8	-2.0	-2.1	-2.7	-0.6	-1.5	-1.4
B. General government	4.3	5.5	5.5	6.3	7.5	4.4	4.4	4.7
C. Corporate (2)	-4.1	-4.9	-4.6	-5.2	-5.6	-4.5	-3.7	-4.2
National disposable income	98.8	98.7	98.8	98.9	99.2	99.3	99.3	99.1
A. Household (1)	76.4	76.9	78.4	78.0	79.4	80.4	76.1	77.1
B. General government	13.1	14.2	14.0	14.3	15.3	12.4	12.3	13.3
C. Corporate (2)	9.3	7.6	6.5	6.6	4.6	6.6	10.9	8.6

### 3-8a. Gross Domestic Product by Industry

(At Market Prices)

Period	Total *	Agriculture	Industry				Services					Statistical Discrepancy
			Subtotal	Manufacturing	Construction	Electricity, Gas & Water	Subtotal	Trade	Transport and Storage	Public Administration & Defence	Finance, Insurance & Real Estate	
I. Amount (NT\$ million at current prices)												
1981	1,810,829	132,685	794,303	589,620	98,700	68,437	883,841	227,427	77,593	156,308	161,531	0
1985	2,523,623	144,594	1,124,693	880,978	99,192	110,682	1,254,336	309,167	117,282	218,098	234,032	-6,494
1990	4,432,901	179,499	1,725,579	1,362,539	195,286	139,022	2,527,823	569,417	195,136	393,609	601,228	-2,846
1991	4,958,220	182,491	1,907,676	1,508,512	214,896	146,612	2,868,053	647,682	217,779	450,497	665,192	0
1992	5,509,100	192,893	2,028,059	1,569,840	246,730	162,685	3,288,148	746,429	238,771	485,568	792,924	25,444
1993	6,114,197	214,249	2,195,581	1,664,199	292,299	175,742	3,704,367	829,542	260,228	524,224	932,342	-4,096
1994	6,702,438	225,762	2,303,337	1,731,258	333,558	186,806	4,173,339	927,643	288,259	555,897	1,107,652	-16,933
1995	7,302,367	243,467	2,420,328	1,815,706	355,572	196,007	4,638,572	1,061,383	314,508	610,215	1,220,801	-24,822
1996	7,906,075	242,266	2,569,556	1,958,249	355,114	208,231	5,094,253	1,185,344	343,818	662,264	1,340,327	0
1997	8,578,295	210,710	2,764,124	2,117,262	371,868	215,429	5,603,461	1,313,014	372,411	696,826	1,504,158	-3,511
1998	9,207,356	219,118	2,914,614	2,250,021	367,425	226,127	6,073,624	1,453,951	400,114	733,567	1,580,686	-3,182
1999	9,648,536	236,720	2,947,605	2,308,308	344,507	229,651	6,464,211	1,585,784	423,478	768,845	1,668,506	513
2000	10,181,733	205,434	3,106,970	2,508,213	317,766	229,504	6,869,329	1,745,878	413,114	804,451	1,721,448	5,661
2001	9,930,387	188,593	2,854,161	2,306,353	267,667	232,031	6,887,633	1,699,937	412,398	810,088	1,701,722	0
2002	10,373,944	188,436	3,151,983	2,595,812	261,516	242,556	7,033,525	1,744,101	421,717	808,341	1,687,712	37,695
2003	10,723,307	183,581	3,346,187	2,801,855	253,520	247,202	7,193,539	1,785,113	408,507	847,589	1,700,246	-27,050
2004	11,367,062	190,733	3,609,198	3,047,086	288,093	226,073	7,567,131	1,941,499	426,864	872,697	1,786,132	-1,770
2005	11,761,309	195,833	3,676,297	3,120,118	284,824	226,637	7,889,179	2,073,677	413,665	892,873	1,860,844	-21,030
2006	12,243,471	197,589	3,835,932	3,239,070	332,438	224,980	8,209,950	2,188,716	394,318	909,713	1,936,700	0
2007	12,843,215	191,621	4,030,668	3,405,858	357,606	208,577	8,620,926	2,340,289	411,981	913,320	2,027,695	67,296
2008	12,615,293	201,799	3,664,847	3,132,252	363,274	148,587	8,748,647	2,390,445	395,054	945,152	2,024,032	4,857
2009	12,412,519	215,250	3,589,569	2,950,748	333,724	253,402	8,607,700	2,320,828	371,969	950,616	1,936,178	68,574
2010	13,643,436	223,659	4,245,818	3,551,034	383,877	246,746	9,173,959	2,495,014	434,236	989,898	2,035,626	-29,215
2011	13,731,828	240,526	4,049,768	3,399,417	389,968	231,788	9,441,534	2,582,860	405,808	1,007,135	2,095,040	13,182
2012	14,042,125	264,739	4,027,094	3,372,775	396,276	212,730	9,619,864	2,605,638	421,769	1,036,929	2,111,789	130,428

\* Excluding statistical discrepancy.

Source: See Table 3-1.

## 3-8b. Gross Domestic Product by Industry (Continued)

*(At Market Prices)*

Period	Total	Agri- culture	Industry				Services					Statistical Discrepancy
			Subtotal	Manu- facturing	Constru- ction	Electri- city, Gas & Water	Subtotal	Trade	Trans-port and Storage	Public Adminis- tration & Defence	Finance, Insurance & Real Estate	
II. Percentage (%)												
1981	100.0	7.3	43.9	32.6	5.5	3.8	48.8	12.6	4.3	8.6	8.9	0.0
1985	100.0	5.7	44.6	34.9	3.9	4.4	49.7	12.3	4.6	8.6	9.3	-0.3
1990	100.0	4.0	38.9	30.7	4.4	3.1	57.0	12.8	4.4	8.9	13.6	-0.1
1991	100.0	3.7	38.5	30.4	4.3	3.0	57.8	13.1	4.4	9.1	13.4	0.0
1992	100.0	3.5	36.8	28.5	4.5	3.0	59.7	13.5	4.3	8.8	14.4	0.5
1993	100.0	3.5	35.9	27.2	4.8	2.9	60.6	13.6	4.3	8.6	15.2	-0.1
1994	100.0	3.4	34.4	25.8	5.0	2.8	62.3	13.8	4.3	8.3	16.5	-0.3
1995	100.0	3.3	33.1	24.9	4.9	2.7	63.5	14.5	4.3	8.4	16.7	-0.3
1996	100.0	3.1	32.5	24.8	4.5	2.6	64.4	15.0	4.3	8.4	17.0	0.0
1997	100.0	2.5	32.2	24.7	4.3	2.5	65.3	15.3	4.3	8.1	17.5	0.0
1998	100.0	2.4	31.7	24.4	4.0	2.5	66.0	15.8	4.3	8.0	17.2	0.0
1999	100.0	2.5	30.5	23.9	3.6	2.4	67.0	16.4	4.4	8.0	17.3	0.0
2000	100.0	2.0	30.5	24.6	3.1	2.3	67.5	17.1	4.1	7.9	16.9	0.1
2001	100.0	1.9	28.7	23.2	2.7	2.3	69.4	17.1	4.2	8.2	17.1	0.0
2002	100.0	1.8	30.4	25.0	2.5	2.3	67.8	16.8	4.1	7.8	16.3	0.4
2003	100.0	1.7	31.2	26.1	2.4	2.3	67.1	16.6	3.8	7.9	15.9	-0.3
2004	100.0	1.7	31.8	26.8	2.5	2.0	66.6	17.1	3.8	7.7	15.7	0.0
2005	100.0	1.7	31.3	26.5	2.4	1.9	67.1	17.6	3.5	7.6	15.8	-0.2
2006	100.0	1.6	31.3	26.5	2.7	1.8	67.1	17.9	3.2	7.4	15.8	0.0
2007	100.0	1.5	31.4	26.5	2.8	1.6	67.1	18.2	3.2	7.1	15.8	0.5
2008	100.0	1.6	29.1	24.8	2.9	1.2	69.3	18.9	3.1	7.5	16.0	0.0
2009	100.0	1.7	28.9	23.8	2.7	2.0	69.3	18.7	3.0	7.7	15.6	0.6
2010	100.0	1.6	31.1	26.0	2.8	1.8	67.2	18.3	3.2	7.3	14.9	-0.2
2011	100.0	1.8	29.5	24.8	2.8	1.7	68.8	18.8	3.0	7.3	15.3	0.1
2012	100.0	1.9	29.0	24.2	2.9	1.5	69.2	18.7	3.0	7.5	15.2	0.1

### 3-8c. Gross Domestic Product by Industry

(At Market Prices)

Period	GDP	Agriculture	Industry				Services					Statistical Discrepancy
			Subtotal	Manufacturing	Construction	Electricity, Gas & Water	Subtotal	Trade	Transport and Storage	Public Administration & Defence	Finance, Insurance & Real Estate	
I. Amount (NT\$ million at 2006 prices)												
1981	2,714,355	172,230	1,096,287	780,657	183,418	44,740	1,445,838	392,384	105,703	321,285	263,661	0
1985	3,477,891	184,317	1,371,078	1,043,074	181,238	66,406	1,928,412	512,514	141,287	407,570	359,704	-5,916
1990	5,316,579	194,251	1,799,642	1,343,595	278,075	98,954	3,332,614	831,032	198,221	572,283	783,966	-9,928
1991	5,735,769	199,167	1,898,628	1,414,500	286,771	109,109	3,637,974	900,939	210,907	618,233	830,210	0
1992	6,169,225	194,894	1,984,395	1,454,957	308,376	113,050	3,981,654	1,003,598	226,581	636,007	939,378	8,282
1993	6,584,559	201,949	2,064,998	1,481,670	342,132	115,801	4,322,269	1,076,486	236,359	664,202	1,057,489	-4,657
1994	7,084,404	192,741	2,179,006	1,564,829	365,846	122,970	4,698,164	1,165,575	249,541	686,010	1,197,936	14,493
1995	7,536,283	198,184	2,275,213	1,647,718	373,830	130,713	5,067,042	1,271,667	267,119	734,622	1,274,468	-4,156
1996	7,953,510	196,525	2,332,320	1,724,387	363,977	137,545	5,424,665	1,362,032	277,775	780,167	1,357,546	0
1997	8,389,017	193,916	2,438,821	1,833,072	361,747	143,124	5,771,093	1,426,256	289,122	794,196	1,499,556	-14,813
1998	8,679,815	177,937	2,496,986	1,877,734	367,381	150,431	6,072,679	1,521,630	300,981	810,574	1,535,826	-67,787
1999	9,198,098	185,674	2,624,497	2,014,725	363,090	155,779	6,459,471	1,628,912	336,957	832,821	1,616,339	-71,544
2000	9,731,208	188,893	2,766,478	2,179,358	346,255	164,887	6,840,897	1,751,273	357,902	862,232	1,662,928	-65,060
2001	9,570,584	177,592	2,560,483	2,028,783	301,741	164,929	6,832,509	1,757,734	344,197	868,972	1,617,274	0
2002	10,074,337	194,790	2,820,565	2,266,757	309,864	176,504	7,030,462	1,807,978	353,873	867,671	1,615,800	28,520
2003	10,443,993	191,574	3,036,929	2,495,390	297,762	189,342	7,211,291	1,845,364	355,933	888,961	1,661,088	4,199
2004	11,090,474	181,256	3,326,748	2,753,057	319,005	200,997	7,584,132	1,963,121	374,766	896,453	1,758,134	-1,662
2005	11,612,093	173,562	3,557,144	2,970,511	323,033	212,823	7,877,477	2,084,364	382,796	910,289	1,834,363	3,910
2006	12,243,471	197,589	3,835,932	3,239,070	332,438	224,980	8,209,950	2,188,716	394,318	909,713	1,936,700	0
2007	12,975,985	192,816	4,181,943	3,557,193	337,509	239,754	8,573,523	2,318,828	412,324	899,194	2,047,154	27,703
2008	13,070,681	193,009	4,191,773	3,592,538	318,794	238,286	8,664,113	2,370,151	414,368	906,340	2,034,069	21,786
2009	12,834,049	187,217	4,017,848	3,438,221	296,999	238,603	8,618,060	2,346,251	399,999	913,979	1,983,357	10,924
2010	14,210,285	189,441	4,942,387	4,310,782	330,656	251,997	9,083,644	2,458,163	430,609	942,643	2,073,998	-5,187
2011	14,782,363	194,533	5,156,683	4,520,264	329,022	257,539	9,361,591	2,562,781	441,376	946,480	2,126,741	69,556
2012	14,988,594	195,136	5,274,703	4,635,520	328,626	254,175	9,442,949	2,566,372	447,042	955,219	2,130,543	75,806

3-8d. Gross Domestic Product by Industry  
(At Market Prices)

Period	GDP	Agri- culture	Industry				Services					Statistical Discrepancy
			Subtotal	Manu- facturing	Constru- ction	Electri- city, Gas & Water	Subtotal	Trade	Trans- port and Storage	Public Adminis- tration & Defence	Finance, Insurance & Real Estate	
I. Annual Real Growth Rate (%)												
1982	4.0	2.0	1.0	2.4	-3.8	6.5	5.3	4.3	5.7	6.2	2.8	...
1985	4.1	0.8	0.6	0.1	1.3	9.7	7.4	5.1	6.3	5.9	13.6	...
1990	6.9	0.6	-1.0	-3.0	8.3	8.0	10.4	10.4	4.4	10.0	12.7	...
1991	7.9	2.5	5.5	5.3	3.1	10.3	9.2	8.4	6.4	8.0	5.9	...
1992	7.6	-2.1	4.5	2.9	7.5	3.6	9.4	11.4	7.4	2.9	13.1	...
1993	6.7	3.6	4.1	1.8	10.9	2.4	8.6	7.3	4.3	4.4	12.6	...
1994	7.6	-4.6	5.5	5.6	6.9	6.2	8.7	8.3	5.6	3.3	13.3	...
1995	6.4	2.8	4.4	5.3	2.2	6.3	7.9	9.1	7.0	7.1	6.4	...
1996	5.5	-0.8	2.5	4.7	-2.6	5.2	7.1	7.1	4.0	6.2	6.5	...
1997	5.5	-1.3	4.6	6.3	-0.6	4.1	6.4	4.7	4.1	1.8	10.5	...
1998	3.5	-8.2	2.4	2.4	1.6	5.1	5.2	6.7	4.1	2.1	2.4	...
1999	6.0	4.3	5.1	7.3	-1.2	3.6	6.4	7.1	12.0	2.7	5.2	...
2000	5.8	1.7	5.4	8.2	-4.6	5.8	5.9	7.5	6.2	3.5	2.9	...
2001	-1.7	-6.0	-7.4	-6.9	-12.9	0.0	-0.1	0.4	-3.8	0.8	-2.7	...
2002	5.3	9.7	10.2	11.7	2.7	7.0	2.9	2.9	2.8	-0.1	-0.1	...
2003	3.7	-1.7	7.7	10.1	-3.9	7.3	2.6	2.1	0.6	2.5	2.8	...
2004	6.2	-5.4	9.5	10.3	7.1	6.2	5.2	6.4	5.3	0.8	5.8	...
2005	4.7	-4.2	6.9	7.9	1.3	5.9	3.9	6.2	2.1	1.5	4.3	...
2006	5.4	13.8	7.8	9.0	2.9	5.7	4.2	5.0	3.0	-0.1	5.6	...
2007	6.0	-2.4	9.0	9.8	1.5	6.6	4.4	5.9	4.6	-1.2	5.7	...
2008	0.7	0.1	0.2	1.0	-5.5	-0.6	1.1	2.2	0.5	0.8	-0.6	...
2009	-1.8	-3.0	-4.1	-4.3	-6.8	0.1	-0.5	-1.0	-3.5	0.8	-2.5	...
2010	10.7	1.2	23.0	25.4	11.3	5.6	5.4	4.8	7.7	3.1	4.6	...
2011	4.0	2.7	4.3	4.9	-0.5	2.2	3.1	4.3	2.5	0.4	2.5	...
2012	1.3	-4.4	0.9	1.0	-1.0	0.8	0.8	0.1	1.0	1.1	0.4	...

3-9a. Expenditure on Gross National Product  
(At Market Prices)

Period	Gross National Product	Net Factor Income from the Rest of the World	National Consumption			Gross Capital Formation			Domestic Demand	Exports of Goods & Services	Less: Imports of Goods & Services
			Subtotal	Private	Government	Subtotal	Gross Fixed Capital Formation	Increase in Inventory			
I. Amount (NT\$ million at current prices)											
1952	17,619	-4	16,031	12,795	3,236	2,645	1,942	703	18,676	1,386	2,439
1955	30,682	-3	27,973	21,773	6,200	4,007	3,410	597	31,980	2,475	3,770
1960	63,738	-27	55,775	42,943	12,832	12,692	10,435	2,257	68,467	7,192	11,894
1965	114,165	-194	92,080	72,147	19,933	25,652	19,196	6,456	117,732	21,771	25,144
1970	228,978	-412	171,357	129,850	41,507	58,147	49,315	8,832	229,504	68,746	68,860
1975	594,316	-3,344	436,800	343,591	93,209	180,166	184,431	-4,265	616,966	233,701	253,007
1980	1,517,840	-2,106	1,031,759	790,875	240,884	505,941	458,476	47,465	1,537,700	783,272	801,026
1985	2,564,283	47,154	1,698,270	1,287,272	410,998	489,140	501,116	-11,976	2,187,410	1,346,198	1,016,479
1988	3,585,924	97,374	2,342,933	1,804,012	538,921	896,435	798,771	97,664	3,239,368	1,919,923	1,670,741
1989	4,103,996	100,769	2,767,709	2,129,319	638,390	979,185	942,189	36,996	3,746,894	1,960,403	1,704,070
1990	4,547,362	117,307	3,158,157	2,388,851	769,306	1,079,424	1,048,746	30,678	4,237,581	2,025,420	1,832,946
1991	5,093,770	135,550	3,539,428	2,666,770	872,658	1,224,332	1,160,318	64,014	4,763,760	2,304,642	2,110,182
1992	5,655,306	120,762	3,959,262	3,028,515	930,747	1,484,942	1,393,346	91,596	5,444,204	2,349,891	2,259,551
1993	6,224,145	114,044	4,349,807	3,377,895	971,912	1,666,512	1,603,611	62,901	6,016,319	2,639,494	2,545,712
1994	6,793,022	107,517	4,804,963	3,808,328	996,635	1,775,141	1,720,633	54,508	6,580,104	2,864,207	2,758,806
1995	7,388,464	110,919	5,224,116	4,159,170	1,064,946	1,942,245	1,897,737	44,508	7,166,361	3,421,518	3,310,334
1996	8,015,577	109,502	5,752,700	4,580,397	1,172,303	1,894,666	1,884,088	10,578	7,647,366	3,700,076	3,441,367
1997	8,664,395	89,611	6,247,746	4,967,841	1,279,905	2,150,484	2,065,382	85,102	8,398,230	4,086,505	3,909,951
1998	9,272,725	68,551	6,715,974	5,351,560	1,364,414	2,392,515	2,302,142	90,373	9,108,489	4,359,751	4,264,066
1999	9,739,567	90,518	6,997,578	5,665,865	1,331,713	2,409,154	2,351,957	57,197	9,406,732	4,562,172	4,319,855
2000	10,326,952	139,558	7,350,642	5,987,733	1,362,909	2,615,640	2,524,443	91,197	9,966,282	5,392,441	5,171,329
2001	10,122,411	192,024	7,419,027	6,027,593	1,391,434	1,970,319	2,033,527	-63,208	9,389,346	4,962,159	4,421,118
2002	10,654,141	242,502	7,650,020	6,237,569	1,412,451	2,013,786	2,057,650	-43,864	9,663,806	5,436,642	4,688,809
2003	11,025,130	328,873	7,815,029	6,398,604	1,416,425	2,129,586	2,117,282	12,304	9,944,615	5,935,611	5,183,969
2004	11,737,391	372,099	8,253,254	6,808,382	1,444,872	2,693,089	2,592,909	100,180	10,946,343	6,980,987	6,562,038
2005	12,031,145	290,866	8,553,973	7,090,739	1,463,234	2,667,855	2,635,451	32,404	11,221,828	7,341,705	6,823,254
2006	12,555,170	311,699	8,717,640	7,248,344	1,469,296	2,776,953	2,730,670	46,283	11,494,593	8,325,717	7,576,839
2007	13,243,277	332,766	9,027,569	7,506,467	1,521,102	2,855,809	2,841,353	14,456	11,883,378	9,304,061	8,276,928
2008	12,934,796	314,646	9,173,629	7,609,995	1,563,634	2,826,311	2,665,928	160,383	11,999,940	9,208,653	8,588,443
2009	12,895,087	413,994	9,193,580	7,573,582	1,619,998	2,208,399	2,353,579	-145,180	11,401,979	7,799,167	6,720,053
2010	14,043,892	429,671	9,547,025	7,902,462	1,644,563	3,104,590	2,960,207	144,383	12,651,615	10,010,103	9,047,497
2011	14,133,099	388,089	9,895,233	8,199,880	1,695,353	2,905,240	2,889,027	16,213	12,800,473	10,418,611	9,474,074
2012	14,493,640	451,515	10,204,624	8,465,098	1,739,526	2,774,664	2,746,222	28,442	12,979,288	10,335,801	9,272,964

Source: See Table 3-1.

## 3-9b. Expenditure on Gross National Product (Continued)

(At Market Prices)

Period	Gross National Product	Net Factor Income from the Rest of the World	National Consumption			Gross Capital Formation			Domestic Demand	Exports of Goods & Services	Less: Imports of Goods & Services
			Subtotal	Private	Government	Subtotal	Gross Fixed Capital Formation	Increase in Inventory			
II. Percentage (%)											
1952	100.0	0.0	91.0	72.6	18.4	15.0	11.0	4.0	106.0	7.9	13.8
1955	100.0	0.0	91.2	71.0	20.2	13.1	11.1	1.9	104.2	8.1	12.3
1960	100.0	0.0	87.5	67.4	20.1	19.9	16.4	3.5	107.4	11.3	18.7
1965	100.0	-0.2	80.7	63.2	17.5	22.5	16.8	5.7	103.1	19.1	22.0
1970	100.0	-0.2	74.8	56.7	18.1	25.4	21.5	3.9	100.2	30.0	30.1
1975	100.0	-0.6	73.5	57.8	15.7	30.3	31.0	-0.7	103.8	39.3	42.6
1980	100.0	-0.1	68.0	52.1	15.9	33.3	30.2	3.1	101.3	51.6	52.8
1985	100.0	1.8	66.2	50.2	16.0	19.1	19.5	-0.5	85.3	52.5	39.6
1988	100.0	2.7	65.3	50.3	15.0	25.0	22.3	2.7	90.3	53.5	46.6
1989	100.0	2.5	67.4	51.9	15.6	23.9	23.0	0.9	91.3	47.8	41.5
1990	100.0	2.6	69.5	52.5	16.9	23.7	23.1	0.7	93.2	44.5	40.3
1991	100.0	2.7	69.5	52.4	17.1	24.0	22.8	1.3	93.5	45.2	41.4
1992	100.0	2.1	70.0	53.6	16.5	26.3	24.6	1.6	96.3	41.6	40.0
1993	100.0	1.8	69.9	54.3	15.6	26.8	25.8	1.0	96.7	42.4	40.9
1994	100.0	1.6	70.7	56.1	14.7	26.1	25.3	0.8	96.9	42.2	40.6
1995	100.0	1.5	70.7	56.3	14.4	26.3	25.7	0.6	97.0	46.3	44.8
1996	100.0	1.4	71.8	57.1	14.6	23.6	23.5	0.1	95.4	46.2	42.9
1997	100.0	1.0	72.1	57.3	14.8	24.8	23.8	1.0	96.9	47.2	45.1
1998	100.0	0.7	72.4	57.7	14.7	25.8	24.8	1.0	98.2	47.0	46.0
1999	100.0	0.9	71.8	58.2	13.7	24.7	24.1	0.6	96.6	46.8	44.4
2000	100.0	1.4	71.2	58.0	13.2	25.3	24.4	0.9	96.5	52.2	50.1
2001	100.0	1.9	73.3	59.5	13.7	19.5	20.1	-0.6	92.8	49.0	43.7
2002	100.0	2.3	71.8	58.5	13.3	18.9	19.3	-0.4	90.7	51.0	44.0
2003	100.0	3.0	70.9	58.0	12.8	19.3	19.2	0.1	90.2	53.8	47.0
2004	100.0	3.2	70.3	58.0	12.3	22.9	22.1	0.9	93.3	59.5	55.9
2005	100.0	2.4	71.1	58.9	12.2	22.2	21.9	0.3	93.3	61.0	56.7
2006	100.0	2.5	69.4	57.7	11.7	22.1	21.7	0.4	91.6	66.3	60.3
2007	100.0	2.5	68.2	56.7	11.5	21.6	21.5	0.1	89.7	70.3	62.5
2008	100.0	2.4	70.9	58.8	12.1	21.9	20.6	1.2	92.8	71.2	66.4
2009	100.0	3.2	71.3	58.7	12.6	17.1	18.3	-1.1	88.4	60.5	52.1
2010	100.0	3.1	68.0	56.3	11.7	22.1	21.1	1.0	90.1	71.3	64.4
2011	100.0	2.7	70.0	58.0	12.0	20.6	20.4	0.1	90.6	73.7	67.0
2012	100.0	3.1	70.4	58.4	12.0	19.1	18.9	0.2	89.6	71.3	64.0

## 3-9c. Expenditure on Gross National Product

(At Market Prices)

Period	Gross National Product	Net Factor Income from the Rest of the World	National Consumption			Gross Capital Formation			Domestic Demand	Exports of Goods & Services	Less: Imports of Goods & Services
			Subtotal	Private	Government	Subtotal	Gross Fixed Capital Formation	Increase in Inventory			
I. Amount (NT\$ million at 2006 prices)											
1952	226,279	-105	223,539	147,760	75,779	24,328	19,842	4,486	247,867	10,735	32,218
1955	294,844	-50	286,453	187,319	99,134	27,123	24,527	2,596	313,576	12,346	31,028
1960	410,830	-184	385,489	242,886	142,603	55,811	48,330	7,481	441,300	22,364	52,650
1965	640,036	-1,171	585,047	395,957	189,090	98,335	80,043	18,292	683,382	60,827	103,002
1970	1,006,253	-1,994	890,806	607,666	283,140	206,969	181,766	25,203	1,097,775	172,388	261,916
1975	1,531,441	-9,133	1,291,815	949,425	342,390	395,929	404,068	-8,139	1,687,744	369,237	516,407
1980	2,546,439	-3,303	1,980,037	1,462,144	517,893	721,900	671,299	50,601	2,701,937	816,569	968,764
1985	3,548,253	70,362	2,630,097	1,928,203	701,894	738,392	751,919	-13,527	3,368,489	1,281,530	1,172,128
1988	4,652,938	141,975	3,420,138	2,566,238	853,900	1,250,517	1,126,137	124,380	4,670,655	2,101,965	2,261,657
1989	5,115,118	140,359	3,862,650	2,907,345	955,305	1,322,831	1,271,618	51,213	5,185,481	2,204,344	2,415,066
1990	5,473,869	157,290	4,231,656	3,150,894	1,080,762	1,411,040	1,371,508	39,532	5,642,696	2,221,052	2,547,169
1991	5,910,937	175,168	4,536,126	3,367,287	1,168,839	1,615,053	1,530,136	84,917	6,151,179	2,508,088	2,923,498
1992	6,318,671	149,446	4,886,644	3,690,406	1,196,238	1,810,098	1,685,092	125,006	6,696,742	2,679,876	3,207,393
1993	6,721,745	137,186	5,204,193	3,991,163	1,213,030	1,959,702	1,867,477	92,225	7,163,895	2,862,829	3,442,165
1994	7,208,615	124,211	5,547,727	4,339,872	1,207,855	2,112,107	2,040,093	72,014	7,659,834	3,021,069	3,596,499
1995	7,659,929	123,646	5,854,541	4,595,891	1,258,650	2,234,942	2,181,805	53,137	8,089,483	3,407,835	3,961,035
1996	8,072,117	118,607	6,262,622	4,913,456	1,349,166	2,227,976	2,208,274	19,702	8,490,598	3,645,218	4,182,306
1997	8,485,044	96,027	6,682,749	5,255,821	1,426,928	2,503,608	2,397,302	106,306	9,186,357	3,957,487	4,754,827
1998	8,751,964	72,149	7,065,784	5,587,276	1,478,508	2,687,307	2,572,641	114,666	9,753,091	4,031,728	5,105,004
1999	9,293,129	95,031	7,291,034	5,870,777	1,420,257	2,696,609	2,622,123	74,486	9,987,643	4,526,272	5,315,817
2000	9,875,996	144,788	7,587,000	6,149,541	1,437,459	2,920,227	2,812,736	107,491	10,507,227	5,355,033	6,131,052
2001	9,770,036	199,452	7,674,198	6,210,017	1,464,181	2,228,467	2,309,094	-80,627	9,902,665	4,894,600	5,226,681
2002	10,326,659	252,322	7,899,550	6,412,727	1,486,823	2,275,136	2,334,948	-59,812	10,174,686	5,450,907	5,551,256
2003	10,787,061	343,068	8,067,995	6,599,393	1,468,602	2,345,161	2,332,482	12,679	10,413,156	6,008,285	5,977,448
2004	11,472,874	382,400	8,417,696	6,940,690	1,477,006	2,762,244	2,658,055	104,189	11,179,940	6,933,851	7,023,317
2005	11,905,372	293,279	8,621,644	7,141,820	1,479,824	2,762,923	2,728,700	34,223	11,384,567	7,473,089	7,245,563
2006	12,555,170	311,699	8,717,640	7,248,344	1,469,296	2,776,953	2,730,670	46,283	11,494,593	8,325,717	7,576,839
2007	13,303,643	327,658	8,899,396	7,399,430	1,499,966	2,758,667	2,745,800	12,867	11,658,063	9,120,880	7,802,958
2008	13,370,583	299,902	8,842,853	7,330,490	1,512,363	2,540,958	2,406,517	134,441	11,383,811	9,200,037	7,513,167
2009	13,229,842	395,793	8,959,066	7,386,055	1,573,011	2,001,866	2,135,815	-133,949	10,960,932	8,401,714	6,528,597
2010	14,617,351	407,066	9,239,633	7,657,426	1,582,207	2,792,839	2,648,206	144,633	12,032,472	10,549,342	8,371,529
2011	15,145,078	362,715	9,496,728	7,885,045	1,611,683	2,572,683	2,545,177	27,506	12,069,411	11,027,146	8,314,194
2012	15,402,484	413,890	9,658,014	8,035,078	1,622,936	2,419,142	2,401,725	17,417	12,077,156	11,036,108	8,124,670

3-9d. Expenditure on Gross National Product (Continued)  
(At Market Prices)

Period	Gross National Product	Net Factor Income from the Rest of the World	National Consumption			Gross Capital Formation			Domestic Demand	Exports of Goods & Services	Less: Imports of Goods & Services
			Subtotal	Private	Government	Subtotal	Gross Fixed Capital Formation	Increase in Inventory			
II. Annual Real Growth Rate (%)											
1952	11.9	...	13.5	16.6	7.9	28.2	26.2	...	14.8	1.4	33.7
1955	7.8	...	7.0	5.8	9.3	-15.2	-13.6	...	4.6	28.3	-13.6
1960	7.2	...	4.2	5.6	2.0	29.4	24.1	...	6.9	13.5	9.4
1965	10.6	...	9.5	11.4	5.8	23.7	18.6	...	11.4	25.9	23.4
1970	10.5	...	9.5	9.9	8.6	16.0	10.9	...	10.7	29.5	22.7
1975	4.8	...	6.8	4.7	13.0	-6.7	24.3	...	3.3	-0.8	-5.3
1980	7.1	...	6.3	5.2	9.6	7.6	13.0	...	6.7	8.3	6.3
1985	4.8	...	5.2	4.7	6.5	-7.9	-1.0	...	2.0	1.9	-3.7
1988	6.2	...	11.6	12.9	8.0	18.4	14.3	...	13.3	7.1	24.9
1989	9.9	...	12.9	13.3	11.9	5.8	12.9	...	11.0	4.9	6.8
1990	7.0	...	9.6	8.4	13.1	6.7	7.9	...	8.8	0.8	5.5
1991	8.0	...	7.2	6.9	8.1	14.5	11.6	...	9.0	12.9	14.8
1992	6.9	...	7.7	9.6	2.3	12.1	10.1	...	8.9	6.8	9.7
1993	6.4	...	6.5	8.1	1.4	8.3	10.8	...	7.0	6.8	7.3
1994	7.2	...	6.6	8.7	-0.4	7.8	9.2	...	6.9	5.5	4.5
1995	6.3	...	5.5	5.9	4.2	5.8	6.9	...	5.6	12.8	10.1
1996	5.4	...	7.0	6.9	7.2	-0.3	1.2	...	5.0	7.0	5.6
1997	5.1	...	6.7	7.0	5.8	12.4	8.6	...	8.2	8.6	13.7
1998	3.1	...	5.7	6.3	3.6	7.3	7.3	...	6.2	1.9	7.4
1999	6.2	...	3.2	5.1	-3.9	0.3	1.9	...	2.4	12.3	4.1
2000	6.3	...	4.1	4.7	1.2	8.3	7.3	...	5.2	18.3	15.3
2001	-1.1	...	1.1	1.0	1.9	-23.7	-17.9	...	-5.8	-8.6	-14.8
2002	5.7	...	2.9	3.3	1.5	2.1	1.1	...	2.7	11.4	6.2
2003	4.5	...	2.1	2.9	-1.2	3.1	-0.1	...	2.3	10.2	7.7
2004	6.4	...	4.3	5.2	0.6	17.8	14.0	...	7.4	15.4	17.5
2005	3.8	...	2.4	2.9	0.2	0.0	2.7	...	1.8	7.8	3.2
2006	5.5	...	1.1	1.5	-0.7	0.5	0.1	...	1.0	11.4	4.6
2007	6.0	...	2.1	2.1	2.1	-0.7	0.6	...	1.4	9.6	3.0
2008	0.5	...	-0.6	-0.9	0.8	-7.9	-12.4	...	-2.4	0.9	-3.7
2009	-1.1	...	1.3	0.8	4.0	-21.2	-11.2	...	-3.7	-8.7	-13.1
2010	10.5	...	3.1	3.7	0.6	39.5	24.0	...	9.8	25.6	28.2
2011	3.6	...	2.8	3.0	1.9	-7.9	-3.9	...	0.3	4.5	-0.7
2012	1.6	...	1.7	1.5	0.5	-4.5	-4.2	...	0.1	0.1	-2.1

3-10a. Sources of Economic Growth: Expenditure Side  
(Contribution to Economic Growth Rate)

Unit: %

Period	Economic Growth Rate (Increase in Real GDP)	Domestic Demand					Net Exports		
		Subtotal	Private Consumption	Government Consumption	Gross Fixed Capital Formation	Increase in Inventory	Subtotal	Exports of Goods & Services	Less: Imports of Goods & Services
1952	100.00	133.24	87.90	23.03	17.20	5.10	-33.24	0.61	33.85
1955	100.00	64.41	47.80	39.37	-17.99	-4.77	35.59	12.72	-22.87
1960	100.00	107.06	48.59	10.49	35.50	12.48	-7.06	10.05	17.11
1965	100.00	111.24	64.61	16.56	19.97	10.09	-11.24	19.94	31.18
1970	100.00	109.45	56.83	23.17	18.46	11.00	-9.45	40.66	50.11
1975	100.00	67.50	53.59	49.62	99.52	-135.24	32.50	-3.80	-36.30
1980	100.00	97.02	41.57	26.07	44.31	-14.93	2.98	36.01	33.02
1985	100.00	48.57	63.79	31.50	-5.87	-40.86	51.43	17.84	-33.59
1988	100.00	230.94	122.88	26.42	59.23	22.41	-130.94	58.52	189.46
1989	100.00	111.00	73.55	21.86	31.37	-15.78	-11.00	22.07	33.08
1990	100.00	133.76	71.25	36.70	29.22	-3.42	-33.76	4.89	38.65
1991	100.00	121.30	51.62	21.01	37.84	10.83	-21.30	68.47	89.78
1992	100.00	125.86	74.54	6.32	35.75	9.25	-25.86	39.63	65.50
1993	100.00	112.48	72.41	4.04	43.91	-7.89	-12.48	44.05	56.53
1994	100.00	99.22	69.76	-1.04	34.53	-4.04	0.78	31.66	30.88
1995	100.00	95.08	56.66	11.24	31.36	-4.18	4.92	85.59	80.67
1996	100.00	96.14	76.11	21.69	6.34	-8.01	3.86	56.90	53.03
1997	100.00	159.76	78.61	17.86	43.40	19.89	-59.76	71.70	131.46
1998	100.00	194.89	113.98	17.74	60.30	2.87	-94.89	25.53	120.42
1999	100.00	45.26	54.70	-11.24	9.55	-7.75	54.74	95.42	40.68
2000	100.00	97.46	52.29	3.23	35.75	6.19	2.54	155.46	152.92
2001 (1)	...	...	...	...	...	...	...	...	...
2002	100.00	54.00	40.24	4.49	5.13	4.13	46.00	110.43	64.43
2003	100.00	64.51	50.50	-4.93	-0.67	19.61	35.49	150.78	115.29
2004	100.00	118.61	52.79	1.30	50.36	14.16	-18.61	143.17	161.78
2005	100.00	39.23	38.56	0.54	13.54	-13.41	60.77	103.38	42.61
2006	100.00	17.43	16.87	-1.67	0.31	1.91	82.57	135.04	52.47
2007	100.00	22.32	20.63	4.19	2.07	-4.56	77.68	108.55	30.87
2008	100.00	-289.61	-72.80	13.09	-358.29	128.38	389.61	83.59	-306.02
2009 (1)	...	...	...	...	...	...	...	...	...
2010	100.00	77.86	19.72	0.67	37.23	20.24	22.14	156.05	133.91
2011	100.00	6.46	39.79	5.15	-18.01	-20.47	93.54	83.52	-10.02
2012	100.00	5.30	59.85	3.79	-53.79	-4.55	94.70	6.06	-88.64

(1) Because the 2001 and 2009 economic growth rates were negative, no meaningful value can be attributed to the contribution of these sources of growth.

Source: See Table 3-1.

## 3-10b. Sources of Economic Growth: Expenditure Side (Continued)

(Contribution to Economic Growth Rate)

Unit: percentage point

Period	Economic Growth Rate (Increase in Real GDP)	Domestic Demand					Net Exports		
		Subtotal	Private Consumption	Government Consumption	Gross Fixed Capital Formation	Increase in Inventory	Subtotal	Exports of Goods & Services	Less: Imports of Goods & Services
1952	11.84	15.78	10.41	2.73	2.04	0.60	-3.94	0.07	4.01
1955	7.84	5.05	3.75	3.09	-1.41	-0.37	2.79	1.00	-1.79
1960	6.87	7.36	3.34	0.72	2.44	0.86	-0.49	0.69	1.18
1965	10.85	12.07	7.01	1.80	2.17	1.09	-1.22	2.16	3.38
1970	10.60	11.61	6.03	2.46	1.96	1.17	-1.00	4.31	5.31
1975	5.43	3.66	2.91	2.69	5.40	-7.34	1.76	-0.21	-1.97
1980	7.32	7.11	3.04	1.91	3.25	-1.09	0.22	2.64	2.42
1985	4.07	1.98	2.59	1.28	-0.24	-1.66	2.09	0.73	-1.37
1988	5.57	12.87	6.85	1.47	3.30	1.25	-7.30	3.26	10.56
1989	10.28	11.41	7.56	2.25	3.23	-1.62	-1.13	2.27	3.40
1990	6.87	9.19	4.90	2.52	2.01	-0.23	-2.32	0.34	2.66
1991	7.88	9.56	4.07	1.66	2.98	0.85	-1.68	5.40	7.08
1992	7.56	9.51	5.63	0.48	2.70	0.70	-1.95	3.00	4.95
1993	6.73	7.57	4.88	0.27	2.96	-0.53	-0.84	2.97	3.81
1994	7.59	7.53	5.30	-0.08	2.62	-0.31	0.06	2.40	2.34
1995	6.38	6.06	3.61	0.72	2.00	-0.27	0.31	5.46	5.15
1996	5.54	5.32	4.21	1.20	0.35	-0.44	0.21	3.15	2.94
1997	5.48	8.75	4.30	0.98	2.38	1.09	-3.27	3.93	7.20
1998	3.47	6.76	3.95	0.61	2.09	0.10	-3.29	0.88	4.17
1999	5.97	2.70	3.27	-0.67	0.57	-0.46	3.27	5.70	2.43
2000	5.80	5.65	3.03	0.19	2.07	0.36	0.15	9.01	8.86
2001	-1.65	-6.21	0.62	0.27	-5.18	-1.93	4.56	-4.73	-9.29
2002	5.26	2.84	2.12	0.24	0.27	0.22	2.42	5.81	3.39
2003	3.67	2.37	1.85	-0.18	-0.02	0.72	1.30	5.53	4.23
2004	6.19	7.34	3.27	0.08	3.12	0.88	-1.15	8.86	10.01
2005	4.70	1.85	1.81	0.03	0.64	-0.63	2.86	4.86	2.00
2006	5.44	0.95	0.92	-0.09	0.02	0.10	4.49	7.34	2.85
2007	5.98	1.34	1.23	0.25	0.12	-0.27	4.65	6.49	1.85
2008	0.73	-2.11	-0.53	0.10	-2.61	0.94	2.84	0.61	-2.23
2009	-1.81	-3.24	0.43	0.46	-2.07	-2.05	1.42	-6.11	-7.53
2010	10.72	8.35	2.11	0.07	3.99	2.17	2.37	16.73	14.36
2011	4.03	0.26	1.60	0.21	-0.73	-0.82	3.77	3.36	-0.40
2012	1.32	0.07	0.79	0.05	-0.71	-0.06	1.25	0.08	-1.17

3-11a. Composition of Gross Capital Formation by Owner

Period	Gross Capital Formation				Gross Fixed Capital Formation				Increase in Inventory		
	Total	Private Sector	Public Enterprises	Government	Subtotal	Private Sector	Public Enterprises	Government	Subtotal	Private Sector	Public Enterprises
I. Amount (NT\$ million)											
1952	2,645	1,172	1,128	345	1,942	980	617	345	703	192	511
1955	4,007	2,097	1,360	550	3,410	1,565	1,295	550	597	532	65
1960	12,692	6,908	4,346	1,438	10,435	5,451	3,546	1,438	2,257	1,457	800
1965	25,652	17,553	5,689	2,410	19,196	12,695	4,091	2,410	6,456	4,858	1,598
1970	58,147	34,709	16,847	6,591	49,315	28,058	14,666	6,591	8,832	6,651	2,181
1975	180,166	75,912	78,835	25,419	184,431	84,102	74,910	25,419	-4,265	-8,190	3,925
1980	505,941	257,844	179,445	68,652	458,476	231,922	157,902	68,652	47,465	25,922	21,543
1985	489,140	284,357	114,487	90,296	501,116	295,019	115,801	90,296	-11,976	-10,662	-1,314
1988	896,435	609,618	141,422	145,395	798,771	508,906	144,470	145,395	97,664	100,712	-3,048
1989	979,185	610,606	182,625	185,954	942,189	581,784	174,451	185,954	36,996	28,822	8,174
1990	1,079,424	584,309	254,670	240,445	1,048,746	566,616	241,685	240,445	30,678	17,693	12,985
1991	1,224,332	665,174	260,214	298,944	1,160,318	598,531	262,843	298,944	64,014	66,643	-2,629
1992	1,484,942	860,042	271,603	353,297	1,393,346	771,894	268,155	353,297	91,596	88,148	3,448
1993	1,666,512	990,181	246,384	429,947	1,603,611	919,477	254,187	429,947	62,901	70,704	-7,803
1994	1,775,141	1,061,392	237,170	476,579	1,720,633	1,015,414	228,640	476,579	54,508	45,978	8,530
1995	1,942,245	1,201,438	240,619	500,188	1,897,737	1,161,720	235,829	500,188	44,508	39,718	4,790
1996	1,894,666	1,181,967	221,024	491,675	1,884,088	1,173,916	218,497	491,675	10,578	8,051	2,527
1997	2,150,484	1,445,319	212,511	492,654	2,065,382	1,366,777	205,951	492,654	85,102	78,542	6,560
1998	2,392,515	1,692,086	200,831	499,598	2,302,142	1,579,006	223,538	499,598	90,373	113,080	-22,707
1999	2,409,154	1,626,010	267,228	515,916	2,351,957	1,587,639	248,402	515,916	57,197	38,371	18,826
2000	2,615,640	1,885,115	241,986	488,539	2,524,443	1,799,432	236,472	488,539	91,197	85,693	5,514
2001	1,970,319	1,303,690	225,477	441,152	2,033,527	1,354,465	237,910	441,152	-63,208	-50,775	-12,433
2002	2,013,786	1,387,138	236,775	389,873	2,057,650	1,437,636	230,141	389,873	-43,864	-50,498	6,634
2003	2,129,586	1,525,813	213,884	389,889	2,117,282	1,504,363	223,030	389,889	12,304	21,450	-9,146
2004	2,693,089	2,107,462	190,910	394,717	2,592,909	2,012,959	185,233	394,717	100,180	94,503	5,677
2005	2,667,855	2,044,164	217,686	406,005	2,635,451	2,021,011	208,435	406,005	32,404	23,153	9,251
2006	2,776,953	2,167,681	224,344	384,928	2,730,670	2,151,566	194,176	384,928	46,283	16,115	30,168
2007	2,855,809	2,239,657	220,038	396,114	2,841,353	2,242,734	202,505	396,114	14,456	-3,077	17,533
2008	2,826,311	2,172,307	208,003	446,001	2,665,928	2,010,137	209,790	446,001	160,383	162,170	-1,787
2009	2,208,399	1,485,158	231,461	491,780	2,353,579	1,639,345	222,454	491,780	-145,180	-154,187	9,007
2010	3,104,590	2,378,712	238,556	487,322	2,960,207	2,231,760	241,125	487,322	144,383	146,952	-2,569
2011	2,905,240	2,179,550	253,688	472,002	2,889,027	2,206,228	210,797	472,002	16,213	-26,678	42,891
2012	2,774,664	---	---	413,661	2,746,222	2,138,390	194,171	413,661	28,442	---	---

Source: See Table 3-1.

3-11b. Composition of Gross Capital Formation by Owner (Continued)

Period	Gross Capital Formation				Gross Fixed Capital Formation				Increase in Inventory		
	Total	Private Sector	Public Enterprises	Government	Subtotal	Private Sector	Public Enterprises	Government	Subtotal	Private Sector	Public Enterprises
II. Percentage (%)											
1952	100.0	44.3	42.6	13.0	100.0	50.5	31.8	17.8	100.0	27.3	72.7
1955	100.0	52.3	33.9	13.7	100.0	45.9	38.0	16.1	100.0	89.1	10.9
1960	100.0	54.4	34.2	11.3	100.0	52.2	34.0	13.8	100.0	64.6	35.4
1965	100.0	68.4	22.2	9.4	100.0	66.1	21.3	12.6	100.0	75.2	24.8
1970	100.0	59.7	29.0	11.3	100.0	56.9	29.7	13.4	100.0	75.3	24.7
1975	100.0	42.1	43.8	14.1	100.0	45.6	40.6	13.8	100.0	192.0	-92.0
1980	100.0	51.0	35.5	13.6	100.0	50.6	34.4	15.0	100.0	54.6	45.4
1985	100.0	58.1	23.4	18.5	100.0	58.9	23.1	18.0	100.0	89.0	11.0
1988	100.0	68.0	15.8	16.2	100.0	63.7	18.1	18.2	100.0	103.1	-3.1
1989	100.0	62.4	18.7	19.0	100.0	61.7	18.5	19.7	100.0	77.9	22.1
1990	100.0	54.1	23.6	22.3	100.0	54.0	23.0	22.9	100.0	57.7	42.3
1991	100.0	54.3	21.3	24.4	100.0	51.6	22.7	25.8	100.0	104.1	-4.1
1992	100.0	57.9	18.3	23.8	100.0	55.4	19.2	25.4	100.0	96.2	3.8
1993	100.0	59.4	14.8	25.8	100.0	57.3	15.9	26.8	100.0	112.4	-12.4
1994	100.0	59.8	13.4	26.8	100.0	59.0	13.3	27.7	100.0	84.4	15.6
1995	100.0	61.9	12.4	25.8	100.0	61.2	12.4	26.4	100.0	89.2	10.8
1996	100.0	62.4	11.7	26.0	100.0	62.3	11.6	26.1	100.0	76.1	23.9
1997	100.0	67.2	9.9	22.9	100.0	66.2	10.0	23.9	100.0	92.3	7.7
1998	100.0	70.7	8.4	20.9	100.0	68.6	9.7	21.7	100.0	125.1	-25.1
1999	100.0	67.5	11.1	21.4	100.0	67.5	10.6	21.9	100.0	67.1	32.9
2000	100.0	72.1	9.3	18.7	100.0	71.3	9.4	19.4	100.0	94.0	6.0
2001	100.0	66.2	11.4	22.4	100.0	66.6	11.7	21.7	100.0	80.3	19.7
2002	100.0	68.9	11.8	19.4	100.0	69.9	11.2	18.9	100.0	115.1	-15.1
2003	100.0	71.6	10.0	18.3	100.0	71.1	10.5	18.4	100.0	174.3	-74.3
2004	100.0	78.3	7.1	14.7	100.0	77.6	7.1	15.2	100.0	94.3	5.7
2005	100.0	76.6	8.2	15.2	100.0	76.7	7.9	15.4	100.0	71.5	28.5
2006	100.0	78.1	8.1	13.9	100.0	78.8	7.1	14.1	100.0	34.8	65.2
2007	100.0	78.4	7.7	13.9	100.0	78.9	7.1	13.9	100.0	-21.3	121.3
2008	100.0	76.9	7.4	15.8	100.0	75.4	7.9	16.7	100.0	101.1	-1.1
2009	100.0	67.3	10.5	22.3	100.0	69.7	9.5	20.9	100.0	106.2	-6.2
2010	100.0	76.6	7.7	15.7	100.0	75.4	8.1	16.5	100.0	101.8	-1.8
2011	100.0	75.0	8.7	16.2	100.0	76.4	7.3	16.3	100.0	-164.5	264.5
2012	100.0	---	---	14.9	100.0	77.9	7.1	15.1	100.0	---	---

3-12a. Composition of Fixed Capital Formation by Industry

Period	Total	Agriculture	Industry						Subtotal	Trade	Transportation & Storage
			Subtotal	Mining	Manufacturing	Electricity & Gas	Water Supply & Remediation Services	Construction			
I. Amount (NT\$ million)											
1981	496,843	15,039	229,590	4,162	143,390	71,097	25	10,916	252,214	22,621	27,430
1985	501,116	12,737	189,404	3,532	127,139	46,031	4,886	7,816	298,975	26,936	33,631
1987	674,518	18,974	281,906	5,411	216,424	45,788	4,708	9,575	373,638	39,760	37,489
1988	798,771	25,968	310,954	4,160	243,305	46,969	5,237	11,283	461,849	54,763	39,440
1989	942,189	29,295	349,249	5,005	258,320	66,011	6,896	13,017	563,645	57,244	49,371
1990	1,048,746	24,218	379,626	5,165	263,899	86,951	8,620	14,991	644,902	50,480	52,138
1991	1,160,318	23,741	395,184	5,780	285,406	77,763	10,265	15,970	741,393	54,376	66,839
1992	1,393,346	22,737	467,908	6,182	346,708	82,408	11,806	20,804	902,701	73,408	102,138
1993	1,603,611	23,216	541,997	6,143	404,934	93,036	13,953	23,931	1,038,398	82,996	98,924
1994	1,720,633	24,001	607,419	5,214	472,926	90,841	15,989	22,449	1,089,213	97,132	89,681
1995	1,897,737	24,182	688,272	4,663	536,047	105,796	19,265	22,501	1,185,283	111,255	91,534
1996	1,884,088	27,543	689,669	4,344	546,722	106,945	12,215	19,443	1,166,876	112,369	80,097
1997	2,065,382	26,639	806,663	3,907	654,573	116,351	11,093	20,739	1,232,080	119,004	113,690
1998	2,302,142	22,668	892,294	4,371	713,177	137,974	12,465	24,307	1,387,180	132,942	132,335
1999	2,351,957	26,510	971,284	4,226	773,342	155,471	14,711	23,534	1,354,163	125,640	103,186
2000	2,524,443	16,054	1,192,853	3,907	1,012,017	139,959	12,397	24,573	1,315,536	129,545	108,397
2001	2,033,527	17,867	849,807	2,965	684,688	129,650	12,176	20,328	1,165,853	112,601	115,599
2002	2,057,650	16,089	860,160	2,512	699,627	122,635	14,158	21,228	1,181,401	121,881	134,991
2003	2,117,282	16,661	920,416	2,616	756,276	128,361	13,309	19,854	1,180,205	134,725	151,853
2004	2,592,909	13,088	1,250,985	1,907	1,093,562	122,745	10,847	21,924	1,328,836	168,005	193,383
2005	2,635,451	16,990	1,270,116	2,330	1,090,852	141,010	12,598	23,326	1,348,345	180,692	201,425
2006	2,730,670	13,640	1,395,861	2,348	1,210,774	144,194	14,080	24,465	1,321,169	193,688	140,301
2007	2,841,353	8,516	1,497,741	2,700	1,304,486	148,780	15,141	26,634	1,335,096	201,678	131,324
2008	2,665,928	10,597	1,297,101	2,502	1,089,666	160,871	17,202	26,860	1,358,230	222,657	64,501
2009	2,353,579	12,369	1,007,208	2,490	805,799	149,689	23,349	25,881	1,334,002	228,776	61,423
2010	2,960,207	17,333	1,515,745	2,481	1,305,909	154,359	24,853	28,143	1,427,129	246,833	82,947
2011	2,843,488	10,324	1,319,467	2,298	1,138,176	128,292	21,089	29,612	1,513,697	252,596	88,406

Source: See Table 3-1.

3-12b. Composition of Fixed Capital Formation by Industry (Continued)

Period	Services										
	Accommodation & Food Services	Information & Communications	Finance & Insurance	Real Estate	Professional, Scientific & Technical Services	Support Services	Public Administration & Defence	Education Services	Human Health & Social Work Services	Arts, Entertainment & Recreation	Other Services
I. Amount (NT\$ million)											
1981	1,080	27,583	6,223	72,613	1,884	3,322	68,079	13,447	3,059	2,470	2,403
1985	6,740	19,660	10,362	88,524	2,751	4,375	76,661	16,873	6,745	2,587	3,130
1987	11,146	25,284	8,555	106,317	2,169	3,235	96,179	22,870	11,169	4,655	4,810
1988	7,930	33,292	14,921	124,338	2,413	4,207	122,823	27,241	14,480	10,709	5,292
1989	9,457	40,228	36,984	141,945	3,149	4,824	155,211	36,185	11,402	11,897	5,748
1990	13,672	57,114	39,626	139,063	4,310	4,994	199,457	47,473	16,860	13,503	6,212
1991	12,299	70,214	37,507	142,992	5,848	6,499	246,145	58,893	17,289	13,813	8,679
1992	11,725	60,184	42,445	188,710	7,351	8,699	292,020	70,085	21,456	15,918	8,562
1993	12,956	59,290	34,926	234,709	8,290	11,576	365,961	78,346	22,825	18,390	9,209
1994	13,656	54,696	42,481	223,138	9,855	13,311	413,692	78,827	23,066	20,211	9,467
1995	15,896	55,230	60,057	234,265	11,533	17,501	442,027	82,233	30,578	22,850	10,324
1996	16,189	65,531	65,047	217,922	12,412	19,046	440,174	71,951	33,830	22,013	10,295
1997	18,252	65,561	69,790	230,903	12,890	20,589	445,797	68,075	32,076	23,533	11,920
1998	19,357	123,704	101,827	242,712	14,274	24,616	455,748	69,934	36,157	21,665	11,909
1999	20,386	130,552	115,655	215,496	11,227	21,256	467,849	69,534	38,632	21,199	13,551
2000	21,552	137,878	94,123	201,694	8,485	23,876	449,418	65,416	35,646	23,280	16,226
2001	18,541	121,261	88,001	171,625	9,228	16,666	411,041	44,956	26,674	9,168	20,492
2002	18,619	113,447	89,577	198,689	11,191	16,460	362,262	46,976	33,373	17,339	16,596
2003	19,725	90,694	85,573	191,936	17,097	15,453	350,706	51,000	38,524	16,780	16,139
2004	21,609	91,386	97,266	233,617	20,598	17,056	356,351	54,036	43,788	15,110	16,631
2005	23,218	70,533	96,216	230,969	18,997	22,923	372,367	54,739	48,351	13,336	14,579
2006	26,203	71,896	97,696	254,823	19,613	25,494	347,200	60,430	57,257	11,390	15,178
2007	28,258	71,026	80,031	279,219	20,682	28,432	353,421	60,745	52,039	12,198	16,043
2008	32,415	83,497	84,394	276,775	24,991	24,951	399,070	61,602	52,984	13,694	16,699
2009	28,271	72,899	88,499	210,508	28,587	25,847	442,153	63,293	54,333	14,215	15,198
2010	33,470	76,173	70,283	265,948	30,381	36,275	437,191	62,981	55,250	12,945	16,452
2011	35,148	78,858	81,939	343,584	29,583	44,703	406,094	73,797	48,820	13,192	16,977

3-12c. Composition of Fixed Capital Formation by Industry

Period	Total	Agriculture	Industry								
			Subtotal	Mining	Manufacturing	Electricity & Gas	Water Supply & Remediation Services	Construction	Subtotal	Trade	Transportation & Storage
II. Percentage (%)											
1981	100.0	3.0	46.2	0.8	28.9	14.3	0.0	2.2	50.8	4.6	5.5
1985	100.0	2.5	37.8	0.7	25.4	9.2	1.0	1.6	59.7	5.4	6.7
1987	100.0	2.8	41.8	0.8	32.1	6.8	0.7	1.4	55.4	5.9	5.6
1988	100.0	3.3	38.9	0.5	30.5	5.9	0.7	1.4	57.8	6.9	4.9
1989	100.0	3.1	37.1	0.5	27.4	7.0	0.7	1.4	59.8	6.1	5.2
1990	100.0	2.3	36.2	0.5	25.2	8.3	0.8	1.4	61.5	4.8	5.0
1991	100.0	2.0	34.1	0.5	24.6	6.7	0.9	1.4	63.9	4.7	5.8
1992	100.0	1.6	33.6	0.4	24.9	5.9	0.8	1.5	64.8	5.3	7.3
1993	100.0	1.4	33.8	0.4	25.3	5.8	0.9	1.5	64.8	5.2	6.2
1994	100.0	1.4	35.3	0.3	27.5	5.3	0.9	1.3	63.3	5.6	5.2
1995	100.0	1.3	36.3	0.2	28.2	5.6	1.0	1.2	62.5	5.9	4.8
1996	100.0	1.5	36.6	0.2	29.0	5.7	0.6	1.0	61.9	6.0	4.3
1997	100.0	1.3	39.1	0.2	31.7	5.6	0.5	1.0	59.7	5.8	5.5
1998	100.0	1.0	38.8	0.2	31.0	6.0	0.5	1.1	60.3	5.8	5.7
1999	100.0	1.1	41.3	0.2	32.9	6.6	0.6	1.0	57.6	5.3	4.4
2000	100.0	0.6	47.3	0.2	40.1	5.5	0.5	1.0	52.1	5.1	4.3
2001	100.0	0.9	41.8	0.1	33.7	6.4	0.6	1.0	57.3	5.5	5.7
2002	100.0	0.8	41.8	0.1	34.0	6.0	0.7	1.0	57.4	5.9	6.6
2003	100.0	0.8	43.5	0.1	35.7	6.1	0.6	0.9	55.7	6.4	7.2
2004	100.0	0.5	48.2	0.1	42.2	4.7	0.4	0.8	51.2	6.5	7.5
2005	100.0	0.6	48.2	0.1	41.4	5.4	0.5	0.9	51.2	6.9	7.6
2006	100.0	0.5	51.1	0.1	44.3	5.3	0.5	0.9	48.4	7.1	5.1
2007	100.0	0.3	52.7	0.1	45.9	5.2	0.5	0.9	47.0	7.1	4.6
2008	100.0	0.4	48.7	0.1	40.9	6.0	0.6	1.0	50.9	8.4	2.4
2009	100.0	0.5	42.8	0.1	34.2	6.4	1.0	1.1	56.7	9.7	2.6
2010	100.0	0.6	51.2	0.1	44.1	5.2	0.8	1.0	48.2	8.3	2.8
2011	100.0	0.4	46.4	0.1	40.0	4.5	0.7	1.0	53.2	8.9	3.1

3-12d. Composition of Fixed Capital Formation by Industry (Continued)

Period	Services											
	Accommodation & Food Services	Information & Communications	Finance & Insurance	Real Estate	Professional, Scientific & Technical Services	Support Services	Public Administration & Defence	Education Services	Human Health & Social Work Services	Arts, Entertainment & Recreation	Other Services	
II. Percentage (%)												
1981	0.2	5.6	1.3	14.6	0.4	0.7	13.7	2.7	0.6	0.5	0.5	
1985	1.3	3.9	2.1	17.7	0.5	0.9	15.3	3.4	1.3	0.5	0.6	
1987	1.7	3.7	1.3	15.8	0.3	0.5	14.3	3.4	1.7	0.7	0.7	
1988	1.0	4.2	1.9	15.6	0.3	0.5	15.4	3.4	1.8	1.3	0.7	
1989	1.0	4.3	3.9	15.1	0.3	0.5	16.5	3.8	1.2	1.3	0.6	
1990	1.3	5.4	3.8	13.3	0.4	0.5	19.0	4.5	1.6	1.3	0.6	
1991	1.1	6.1	3.2	12.3	0.5	0.6	21.2	5.1	1.5	1.2	0.7	
1992	0.8	4.3	3.0	13.5	0.5	0.6	21.0	5.0	1.5	1.1	0.6	
1993	0.8	3.7	2.2	14.6	0.5	0.7	22.8	4.9	1.4	1.1	0.6	
1994	0.8	3.2	2.5	13.0	0.6	0.8	24.0	4.6	1.3	1.2	0.6	
1995	0.8	2.9	3.2	12.3	0.6	0.9	23.3	4.3	1.6	1.2	0.5	
1996	0.9	3.5	3.5	11.6	0.7	1.0	23.4	3.8	1.8	1.2	0.5	
1997	0.9	3.2	3.4	11.2	0.6	1.0	21.6	3.3	1.6	1.1	0.6	
1998	0.8	5.4	4.4	10.5	0.6	1.1	19.8	3.0	1.6	0.9	0.5	
1999	0.9	5.6	4.9	9.2	0.5	0.9	19.9	3.0	1.6	0.9	0.6	
2000	0.9	5.5	3.7	8.0	0.3	0.9	17.8	2.6	1.4	0.9	0.6	
2001	0.9	6.0	4.3	8.4	0.5	0.8	20.2	2.2	1.3	0.5	1.0	
2002	0.9	5.5	4.4	9.7	0.5	0.8	17.6	2.3	1.6	0.8	0.8	
2003	0.9	4.3	4.0	9.1	0.8	0.7	16.6	2.4	1.8	0.8	0.8	
2004	0.8	3.5	3.8	9.0	0.8	0.7	13.7	2.1	1.7	0.6	0.6	
2005	0.9	2.7	3.7	8.8	0.7	0.9	14.1	2.1	1.8	0.5	0.6	
2006	1.0	2.6	3.6	9.3	0.7	0.9	12.7	2.2	2.1	0.4	0.6	
2007	1.0	2.5	2.8	9.8	0.7	1.0	12.4	2.1	1.8	0.4	0.6	
2008	1.2	3.1	3.2	10.4	0.9	0.9	15.0	2.3	2.0	0.5	0.6	
2009	1.2	3.1	3.8	8.9	1.2	1.1	18.8	2.7	2.3	0.6	0.6	
2010	1.1	2.6	2.4	9.0	1.0	1.2	14.8	2.1	1.9	0.4	0.6	
2011	1.2	2.8	2.9	12.1	1.0	1.6	14.3	2.6	1.7	0.5	0.6	

3-13a. Composition of Gross Capital Formation by Type of Capital Goods

Period	Gross Capital Formation	Gross Fixed Capital Formation							Increase in Inventory
		Residential Buildings	Non-residential Buildings	Other Construction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets		
I. Amount (NT\$ million)									
1952	2,645	1,942	178	452	402	198	710	2	703
1955	4,007	3,410	430	688	711	144	1,428	9	597
1960	12,692	10,435	1,414	2,091	2,044	1,020	3,792	74	2,257
1965	25,652	19,196	1,861	3,609	3,297	2,167	8,156	106	6,456
1970	58,147	49,315	4,544	7,313	7,089	7,321	22,787	261	8,832
1975	180,166	184,431	18,676	22,075	34,652	17,325	90,584	1,119	-4,265
1980	505,941	458,476	64,053	77,544	71,097	44,111	199,641	2,030	47,465
1985	489,140	501,116	86,718	97,933	77,486	50,935	181,794	6,250	-11,976
1988	896,435	798,771	120,899	164,216	112,939	77,054	310,122	13,541	97,664
1989	979,185	942,189	137,069	175,863	150,725	96,071	365,640	16,821	36,996
1990	1,079,424	1,048,746	133,867	181,378	203,217	95,720	413,070	21,494	30,678
1991	1,224,332	1,160,318	135,184	201,723	258,634	106,849	433,187	24,741	64,014
1992	1,484,942	1,393,346	169,455	249,956	312,486	138,333	493,882	29,234	91,596
1993	1,666,512	1,603,611	207,777	303,190	390,972	142,314	527,056	32,302	62,901
1994	1,775,141	1,720,633	206,357	318,043	423,185	134,454	596,870	41,724	54,508
1995	1,942,245	1,897,737	216,708	351,315	432,562	142,447	704,445	50,260	44,508
1996	1,894,666	1,884,088	202,416	335,686	432,961	123,047	736,846	53,132	10,578
1997	2,150,484	2,065,382	213,343	354,167	441,465	157,852	835,390	63,165	85,102
1998	2,392,515	2,302,142	226,156	376,954	461,634	187,839	961,191	88,368	90,373
1999	2,409,154	2,351,957	200,013	359,975	471,454	139,522	1,066,625	114,368	57,197
2000	2,615,640	2,524,443	188,428	357,609	453,043	152,216	1,235,510	137,637	91,197
2001	1,970,319	2,033,527	160,295	331,146	392,782	156,725	854,965	137,614	-63,208
2002	2,013,786	2,057,650	181,625	367,247	378,149	129,232	854,460	146,937	-43,864
2003	2,129,586	2,117,282	175,308	373,076	373,671	123,514	920,551	151,162	12,304
2004	2,693,089	2,592,909	215,153	454,268	402,930	152,282	1,198,887	169,389	100,180
2005	2,667,855	2,635,451	212,351	468,017	426,820	201,728	1,158,683	167,852	32,404
2006	2,776,953	2,730,670	235,691	537,388	421,443	147,079	1,225,154	163,915	46,283
2007	2,855,809	2,841,353	256,786	565,218	426,600	150,785	1,275,953	166,011	14,456
2008	2,826,311	2,665,928	253,919	541,110	485,974	106,072	1,094,500	184,353	160,383
2009	2,208,399	2,353,579	187,723	431,358	488,200	114,483	944,129	187,686	-145,180
2010	3,104,590	2,960,207	239,458	519,544	508,942	156,679	1,332,032	203,552	144,383
2011	2,859,701	2,843,488	313,486	553,077	409,203	163,797	1,170,316	205,982	16,213

Source: See Table 3-1.

3-13b. Composition of Gross Capital Formation by Type of Capital Goods (Continued)

Period	Gross Capital Formation	Gross Fixed Capital Formation							Increase in Inventory	
		Residential Buildings	Non-residential Buildings	Other Construction	Transport Equipment	Machinery and Other Equipment	Intangible Fixed Assets			
II. Percentage (%)										
1952	100.0	73.4	6.7	17.1	15.2	7.5	26.8	0.1	26.6	
1955	100.0	85.1	10.7	17.2	17.7	3.6	35.6	0.2	14.9	
1960	100.0	82.2	11.1	16.5	16.1	8.0	29.9	0.6	17.8	
1965	100.0	74.8	7.3	14.1	12.9	8.4	31.8	0.4	25.2	
1970	100.0	84.8	7.8	12.6	12.2	12.6	39.2	0.4	15.2	
1975	100.0	102.4	10.4	12.3	19.2	9.6	50.3	0.6	-2.4	
1980	100.0	90.6	12.7	15.3	14.1	8.7	39.5	0.4	9.4	
1985	100.0	102.4	17.7	20.0	15.8	10.4	37.2	1.3	-2.4	
1988	100.0	89.1	13.5	18.3	12.6	8.6	34.6	1.5	10.9	
1989	100.0	96.2	14.0	18.0	15.4	9.8	37.3	1.7	3.8	
1990	100.0	97.2	12.4	16.8	18.8	8.9	38.3	2.0	2.8	
1991	100.0	94.8	11.0	16.5	21.1	8.7	35.4	2.0	5.2	
1992	100.0	93.8	11.4	16.8	21.0	9.3	33.3	2.0	6.2	
1993	100.0	96.2	12.5	18.2	23.5	8.5	31.6	1.9	3.8	
1994	100.0	96.9	11.6	17.9	23.8	7.6	33.6	2.4	3.1	
1995	100.0	97.7	11.2	18.1	22.3	7.3	36.3	2.6	2.3	
1996	100.0	99.4	10.7	17.7	22.9	6.5	38.9	2.8	0.6	
1997	100.0	96.0	9.9	16.5	20.5	7.3	38.8	2.9	4.0	
1998	100.0	96.2	9.5	15.8	19.3	7.9	40.2	3.7	3.8	
1999	100.0	97.6	8.3	14.9	19.6	5.8	44.3	4.7	2.4	
2000	100.0	96.5	7.2	13.7	17.3	5.8	47.2	5.3	3.5	
2001	100.0	103.2	8.1	16.8	19.9	8.0	43.4	7.0	-3.2	
2002	100.0	102.2	9.0	18.2	18.8	6.4	42.4	7.3	-2.2	
2003	100.0	99.4	8.2	17.5	17.5	5.8	43.2	7.1	0.6	
2004	100.0	96.3	8.0	16.9	15.0	5.7	44.5	6.3	3.7	
2005	100.0	98.8	8.0	17.5	16.0	7.6	43.4	6.3	1.2	
2006	100.0	98.3	8.5	19.4	15.2	5.3	44.1	5.9	1.7	
2007	100.0	99.5	9.0	19.8	14.9	5.3	44.7	5.8	0.5	
2008	100.0	94.3	9.0	19.1	17.2	3.8	38.7	6.5	5.7	
2009	100.0	106.6	8.5	19.5	22.1	5.2	42.8	8.5	-6.6	
2010	100.0	95.3	7.7	16.7	16.4	5.0	42.9	6.6	4.7	
2011	100.0	99.4	11.0	19.3	14.3	5.7	40.9	7.2	0.6	

3-14a. The Finance of Gross Capital Formation

Period	Gross Capital Formation	Gross National Savings							Net Capital Transfers from the Rest of the World	Net Borrowing from (+) or Lending to (-) Abroad	(Less) Purchases of Intangible Assets N.E.C. from the Rest of the World Net	Statistical Discrepancy
		Total (1)	Provision for Capital Consumption			Net National Savings						
			Private Sector (2)	Public Enterprises	Government	Private Sector (3)	Public Enterprises	Government				
I. Amount (NT\$ million)												
1997	2,150,484	2,356,756	503,308	155,854	153,190	1,316,378	142,502	85,524	-9,013	-193,748	0	-3,511
1998	2,392,515	2,508,845	596,107	164,322	172,332	1,434,316	59,765	82,003	-6,056	-107,092	0	-3,182
1999	2,409,154	2,666,706	665,949	166,367	185,222	1,718,965	53,834	-123,631	-5,583	-252,482	0	513
2000	2,615,640	2,889,313	745,346	166,886	195,022	1,829,919	30,631	-78,491	-8,964	-270,370	0	5,661
2001	1,970,319	2,610,940	819,283	169,736	204,429	1,662,917	84,051	-329,476	-4,125	-635,110	1,386	0
2002	2,013,786	2,880,255	848,382	172,157	214,407	1,813,788	90,471	-258,950	-3,320	-899,357	1,487	37,695
2003	2,129,586	3,143,565	899,168	178,027	229,112	1,899,983	99,366	-162,091	-2,375	-983,934	620	-27,050
2004	2,693,089	3,358,052	999,303	185,267	256,666	1,914,773	102,996	-100,953	-2,507	-660,619	67	-1,770
2005	2,667,855	3,360,991	1,081,125	168,942	260,542	1,707,201	110,221	32,960	-2,285	-668,341	1,480	-21,030
2006	2,776,953	3,709,512	1,190,965	151,820	280,688	2,030,119	-891	56,811	-1,789	-928,720	2,050	0
2007	2,855,809	4,023,379	1,279,317	158,232	304,653	2,091,209	72,681	117,287	-2,332	-1,231,713	821	67,296
2008	2,826,311	3,668,077	1,396,828	170,915	341,371	1,751,067	-110,998	118,894	-2,018	-836,091	8,514	4,857
2009	2,208,399	3,562,028	1,427,138	180,187	343,395	1,773,843	113,379	-275,914	-1,521	-1,419,029	1,653	68,574
2010	3,104,590	4,440,320	1,465,439	185,630	358,507	2,397,676	193,559	-160,491	-2,120	-1,302,844	1,551	-29,215
2011	2,836,456	4,116,245	1,525,135	192,444	373,228	992,608	51,617	-76,575	-2,446	-1,180,999	1,061	-165,711

(1) Is not equal to the sum of its components due to statistical discrepancy.

(2) Refers to private enterprises. (3) Refers to the sum of private enterprises and households.

Source: See Table 3-1.

3-14b. The Finance of Gross Capital Formation (Continued)

Period	Gross Capital Formation	Gross National Savings							Net Capital Transfers from the Rest of the World	Net Borrowing from (+) or Lending to (-) Abroad	(Less) Purchases of Intangible Assets N.E.C. from the Rest of the World Net	Statistical Discrepancy
		Total (4)	Provision for Capital Consumption			Net National Savings (1)						
			Private Sector (2)	Public Enterprises	Government	Private Sector (3)	Public Enterprises	Government				
1997	100.0	109.6	23.4	7.2	7.1	61.2	6.6	4.0	-0.4	-9.0	0.0	-0.2
1998	100.0	104.9	24.9	6.9	7.2	60.0	2.5	3.4	-0.3	-4.5	0.0	-0.1
1999	100.0	110.7	27.6	6.9	7.7	71.4	2.2	-5.1	-0.2	-10.5	0.0	0.0
2000	100.0	110.5	28.5	6.4	7.5	70.0	1.2	-3.0	-0.3	-10.3	0.0	0.2
2001	100.0	132.5	41.6	8.6	10.4	84.4	4.3	-16.7	-0.2	-32.2	0.1	0.0
2002	100.0	143.0	42.1	8.5	10.6	90.1	4.5	-12.9	-0.2	-44.7	0.1	1.9
2003	100.0	147.6	42.2	8.4	10.8	89.2	4.7	-7.6	-0.1	-46.2	0.0	-1.3
2004	100.0	124.7	37.1	6.9	9.5	71.1	3.8	-3.7	-0.1	-24.5	0.0	-0.1
2005	100.0	126.0	40.5	6.3	9.8	64.0	4.1	1.2	-0.1	-25.1	0.1	-0.8
2006	100.0	133.6	42.9	5.5	10.1	73.1	0.0	2.0	-0.1	-33.4	0.1	0.0
2007	100.0	140.9	44.8	5.5	10.7	73.2	2.5	4.1	-0.1	-43.1	0.0	2.4
2008	100.0	129.8	49.4	6.0	12.1	62.0	-3.9	4.2	-0.1	-29.6	0.3	0.2
2009	100.0	161.3	64.6	8.2	15.5	80.3	5.1	-12.5	-0.1	-64.3	0.1	3.1
2010	100.0	143.0	47.2	6.0	11.5	77.2	6.2	-5.2	-0.1	-42.0	0.0	-0.9
2011	100.0	144.0	53.8	6.8	13.2	35.0	1.8	-2.7	-0.1	-41.6	0.0	-5.8

## 3-15. Savings as Percentage of National Income and GNP

Amount unit: NT\$ million

Period	Net Savings (1) (A)	National Income (At Factor Cost) (B)	(A)/(B) x 100 (%)	Gross National Savings (C)	Gross National Product (D)	(C)/(D) x 100 (%)
1952	2,139	15,290	14.0	2,641	17,619	15.0
1955	2,991	25,301	11.8	4,373	30,682	14.3
1960	7,736	52,323	14.8	11,174	63,738	17.5
1965	17,395	93,219	18.7	23,400	114,165	20.5
1970	44,545	180,613	24.7	58,178	228,978	25.4
1975	101,961	449,884	22.7	157,804	594,316	26.6
1980	334,902	1,150,709	29.1	482,658	1,517,840	31.8
1985	620,869	2,060,956	30.1	862,272	2,564,283	33.6
1987	1,029,205	2,769,307	37.2	1,302,882	3,365,208	38.7
1988	978,498	3,015,904	32.4	1,282,637	3,585,924	35.8
1989	955,495	3,370,837	28.3	1,299,255	4,103,996	31.7
1990	985,118	3,722,604	26.5	1,376,022	4,547,362	30.3
1991	1,124,212	4,178,992	26.9	1,558,660	5,093,770	30.6
1992	1,172,303	4,580,499	25.6	1,674,652	5,655,306	29.6
1993	1,277,928	5,046,963	25.3	1,856,427	6,224,145	29.8
1994	1,329,483	5,520,741	24.1	1,963,986	6,793,022	28.9
1995	1,392,715	5,997,322	23.2	2,112,045	7,388,464	28.6
1996	1,438,695	6,591,007	21.8	2,194,589	8,015,577	27.4
1997	1,544,404	7,149,709	21.6	2,356,756	8,664,395	27.2
1998	1,576,084	7,646,182	20.6	2,508,845	9,272,725	27.1
1999	1,649,168	8,050,955	20.5	2,666,706	9,739,567	27.4
2000	1,782,059	8,552,186	20.8	2,889,313	10,326,952	28.0
2001	1,417,492	8,323,603	17.0	2,610,940	10,122,411	25.8
2002	1,645,309	8,727,879	18.9	2,880,255	10,654,141	27.0
2003	1,837,258	9,108,807	20.2	3,143,565	11,025,130	28.5
2004	1,916,816	9,600,960	20.0	3,358,052	11,737,391	28.6
2005	1,850,382	9,822,443	18.8	3,360,991	12,031,145	27.9
2006	2,086,039	10,215,459	20.4	3,709,512	12,555,170	29.5
2007	2,281,177	10,714,787	21.3	4,023,379	13,243,277	30.4
2008	1,758,963	10,345,439	17.0	3,668,077	12,934,796	28.4
2009	1,611,308	10,261,167	15.7	3,562,028	12,895,087	27.6
2010	2,430,744	11,331,218	21.5	4,440,320	14,043,892	31.6
2011	2,013,203	11,232,841	17.9	4,116,245	14,133,099	29.1
2012	1,936,945	11,435,773	16.9	4,081,617	14,493,640	28.2

(1) See note (1) of Table 3-14a.

Source: See Table 3-1.

## 3-16a. Household Income, Disposable Income and Net Savings

Unit: NT\$ million

Item	1998	1999	2000	2001	2002	2003	2004
A. Gross national product	9,272,725	9,739,567	10,326,952	10,122,411	10,654,141	11,025,130	11,737,391
Less: Provision for consumption of fixed capital	932,761	1,017,538	1,107,254	1,193,448	1,234,946	1,306,307	1,441,236
Indirect taxes	744,680	711,386	706,491	671,561	708,378	701,165	756,255
Plus: Subsidies	47,716	40,825	44,640	66,201	54,757	64,099	59,290
Less: Statistical discrepancy	-3,182	513	5,661	0	37,695	-27,050	-1,770
B. National income (at factor cost)	7,646,182	8,050,955	8,552,186	8,323,603	8,727,879	9,108,807	9,600,960
Less: Savings of public enterprises	59,765	53,834	30,631	84,051	90,471	99,366	102,996
Savings of private business	408,988	554,667	577,411	380,457	618,664	744,748	857,024
Plus: Other items (1)	-64,007	180,237	60,921	117,046	108,247	-21,877	21,392
C. Household (personal) income	7,113,422	7,622,691	8,005,065	7,976,141	8,126,991	8,242,816	8,662,332
Less: Current transfers to rest of the world and residents	289,475	350,196	324,084	296,006	324,440	337,292	396,260
Direct taxes	447,059	442,332	440,740	370,082	369,858	351,685	399,941
D. Household disposable income	6,376,888	6,830,163	7,240,241	7,310,053	7,432,693	7,553,839	7,866,131
Less: Consumption expenditure	5,351,560	5,665,865	5,987,733	6,027,593	6,237,569	6,398,604	6,808,382
Net savings	1,025,328	1,164,298	1,252,508	1,282,460	1,195,124	1,155,235	1,057,749

(1) Other items refers to current transfers from residents and the rest of the world, less business income tax, government net income from property and enterprises, and compulsory fees, fines and penalties.

Source: See Table 3-1.

## 3-16b. Household Income, Disposable Income and Net Savings(Continued)

Unit: NT\$ million

Item	2005	2006	2007	2008	2009	2010	2011
A. Gross national product	12,031,145	12,555,170	13,243,277	12,934,796	12,895,087	14,043,892	14,062,718
Less: Provision for consumption of fixed capital	1,510,609	1,623,473	1,742,202	1,909,114	1,950,720	2,009,576	2,090,876
Indirect taxes	783,668	778,870	790,795	767,418	727,981	832,758	782,272
Plus: Subsidies	64,545	62,632	71,803	92,032	113,355	100,445	97,810
Less: Statistical discrepancy	-21,030	0	67,296	4,857	68,574	-29,215	-165,711
B. National income (at factor cost)	9,822,443	10,215,459	10,714,787	10,345,439	10,261,167	11,331,218	11,355,290
Less: Savings of public enterprises	110,221	-891	72,681	-110,998	113,379	193,559	51,617
Savings of private business	686,837	708,737	679,664	615,463	602,979	1,120,521	992,608
Plus: Other items (1)	-34,468	-3,069	-41,410	-64,111	118,114	122,480	---
C. Household (personal) income	8,990,917	9,504,544	9,921,032	9,776,863	9,662,923	10,139,618	10,374,310
Less: Current transfers to rest of the world and residents	415,449	423,213	456,681	489,802	450,191	461,362	499,155
Direct taxes	464,365	511,605	546,339	541,462	468,286	498,639	512,375
D. Household disposable income	8,111,103	8,569,726	8,918,012	8,745,599	8,744,446	9,179,617	9,362,782
Less: Consumption expenditure	7,090,739	7,248,344	7,506,467	7,609,995	7,573,582	7,902,462	8,234,626
Net savings	1,020,364	1,321,382	1,411,545	1,135,604	1,170,864	1,277,155	2,095,806

3-17. Household Income, Disposable Income and Propensity to Consume

Amount unit: NT\$ million

Period	Household Income				Direct Taxes	Transfer Payment	Household Disposable Income	Consumption Expenditure	Average Propensity to Consume
	Total	Compensation of Employees	Property and Entrepreneurial Income, Net	Transfer Received					
1997	6,672,341	4,271,774	1,982,172	418,395	500,102	256,944	5,915,295	4,967,841	0.84
1998	7,113,422	4,475,863	2,190,099	447,460	447,059	289,475	6,376,888	5,351,560	0.84
1999	7,622,691	4,640,602	2,402,630	579,459	442,332	350,196	6,830,163	5,665,865	0.83
2000	8,005,065	4,878,890	2,586,300	539,875	440,740	324,084	7,240,241	5,987,733	0.83
2001	7,976,141	4,786,370	2,617,328	572,443	370,082	296,006	7,310,053	6,027,593	0.82
2002	8,126,991	4,780,199	2,677,767	669,025	369,858	324,440	7,432,693	6,237,569	0.84
2003	8,242,816	4,945,493	2,655,388	641,935	351,685	337,292	7,553,839	6,398,604	0.85
2004	8,662,332	5,189,752	2,825,330	647,250	399,941	396,260	7,866,131	6,808,382	0.87
2005	8,990,917	5,428,819	2,876,620	685,478	464,365	415,449	8,111,103	7,090,739	0.87
2006	9,504,544	5,695,320	3,097,429	711,795	511,605	423,213	8,569,726	7,248,344	0.85
2007	9,921,032	5,850,125	3,313,324	757,583	546,339	456,681	8,918,012	7,506,467	0.84
2008	9,776,863	5,935,709	3,104,874	736,280	541,462	489,802	8,745,599	7,609,995	0.87
2009	9,662,923	5,678,423	3,129,095	855,405	468,286	450,191	8,744,446	7,573,582	0.87
2010	10,139,618	6,080,183	3,277,550	781,885	498,639	461,362	9,179,617	7,902,462	0.86
2011	10,374,310	6,329,413	3,208,867	836,030	512,373	499,155	9,362,782	8,234,626	0.88

Source: See Table 3-1.

### 3-18. Marginal Capital/Output Ratio

Amount unit: NT\$ million at 2006 prices

Period	Gross Domestic Product		Capital Formation (1)		Marginal Capital/Output Ratio	
	Amount (A)	Annual Increase (B)	Gross Capital Formation (C)	Gross Fixed Capital Formation (D)	Gross Capital Formation (C)/(B)	Gross Fixed Capital Formation (D)/(B)
1952	226,384	23,969	18,982	15,719	0.79	0.66
1955	294,894	21,429	32,001	28,383	1.49	1.32
1960	411,014	26,433	43,129	38,946	1.63	1.47
1965	641,207	62,745	79,469	67,511	1.27	1.08
1970	1,008,247	96,656	178,495	163,928	1.85	1.70
1975	1,540,574	79,283	424,246	325,166	5.35	4.10
1980	2,549,742	174,005	670,778	594,203	3.85	3.41
1985	3,477,891	135,930	801,901	759,893	5.90	5.59
1987	4,272,887	412,279	853,808	838,121	2.07	2.03
1988	4,510,963	238,076	1,056,149	985,130	4.44	4.14
1989	4,974,759	463,796	1,250,517	1,126,137	2.70	2.43
1990	5,316,579	341,820	1,322,831	1,271,618	3.87	3.72
1991	5,735,769	419,190	1,411,040	1,371,508	3.37	3.27
1992	6,169,225	433,456	1,615,053	1,530,136	3.73	3.53
1993	6,584,559	415,334	1,810,098	1,685,092	4.36	4.06
1994	7,084,404	499,845	1,959,702	1,867,477	3.92	3.74
1995	7,536,283	451,879	2,112,107	2,040,093	4.67	4.51
1996	7,953,510	417,227	2,234,942	2,181,805	5.36	5.23
1997	8,389,017	435,507	2,227,976	2,208,274	5.12	5.07
1998	8,679,815	290,798	2,503,608	2,397,302	8.61	8.24
1999	9,198,098	518,283	2,687,307	2,572,641	5.19	4.96
2000	9,731,208	533,110	2,696,609	2,622,123	5.06	4.92
2001	9,570,584	-160,624	2,920,227	2,812,736	-18.18	-17.51
2002	10,074,337	503,753	2,228,467	2,309,094	4.42	4.58
2003	10,443,993	369,656	2,275,136	2,334,948	6.15	6.32
2004	11,090,474	646,481	2,345,161	2,332,482	3.63	3.61
2005	11,612,093	521,619	2,762,244	2,658,055	5.30	5.10
2006	12,243,471	631,378	2,762,923	2,728,700	4.38	4.32
2007	12,975,985	732,514	2,776,953	2,730,670	3.79	3.73
2008	13,070,681	94,696	2,758,667	2,745,800	29.13	29.00
2009	12,834,049	-236,632	2,540,958	2,406,517	-10.74	-10.17
2010	14,210,285	1,376,236	2,001,866	2,135,815	1.45	1.55
2011	14,782,363	572,078	2,792,839	2,648,206	4.88	4.63
2012	14,988,594	195,666	2,419,142	2,401,725	12.36	12.27

(1) Figures refer to previous year.

Source: See Table 3-1.

3-19a. Distribution of Personal Income by Household in Taiwan

Unit: %

Households divided into five groups of equal size	1976	1985	1990	1995	1998	1999	2000	2001	2002
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Lowest fifth	8.91	8.37	7.45	7.30	7.12	7.13	7.07	6.43	6.67
2. Second fifth	13.64	13.59	13.22	12.96	12.84	12.91	12.82	12.08	12.30
3. Third fifth	17.48	17.52	17.51	17.37	17.53	17.51	17.47	17.04	16.99
4. Fourth fifth	22.71	22.88	23.22	23.38	23.24	23.21	23.41	23.33	22.95
5. Highest fifth	37.26	37.64	38.60	38.99	39.26	39.24	39.23	41.11	41.09
Ratio of highest fifth's income to lowest fifth's	4.18	4.50	5.18	5.34	5.51	5.50	5.55	6.39	6.16

Source: See Table 3-1.

3-20a. Changes in Household Expenditure in Taiwan

Unit: %

Item	1976	1985	1990	1995	1998	1999	2000	2001	2002
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Food, beverages and tobacco	42.27	34.33	26.89	19.53	18.96	18.22	17.33	17.29	17.17
2. Clothing and footwear	7.20	5.92	5.97	4.63	4.50	4.10	3.85	3.66	3.57
3. Housing, utilities and other fuels	22.63	23.68	24.88	25.13	25.61	25.33	25.62	25.08	24.23
4. Furniture, home equipment, and home services	3.63	3.43	3.36	3.43	2.84	2.76	2.66	2.59	2.47
5. Medical care and health expenses	4.85	5.26	4.82	10.37	10.25	10.89	11.01	11.43	12.16
6. Transportation and communications	5.37	8.59	9.38	10.50	11.03	11.56	11.86	12.12	12.67
7. Recreation, culture and education	6.40	8.66	11.68	11.60	11.52	11.63	12.06	12.04	12.20
8. Restaurants and hotels	2.48	5.27	7.57	8.16	8.87	8.93	8.92	8.98	8.78
9. Others	5.16	4.86	5.44	6.66	6.41	6.58	6.69	6.82	6.75

Source: See Table 3-1.

3-19b. Distribution of Personal Income by Household in Taiwan (Continued)

Unit: %

Households divided into five groups of equal size	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Lowest fifth	6.72	6.67	6.66	6.66	6.76	6.64	6.36	6.49	6.53
2. Second fifth	12.37	12.46	12.43	12.37	12.36	12.37	12.27	12.21	12.05
3. Third fifth	16.91	17.41	17.42	17.42	17.31	17.43	17.39	17.39	17.32
4. Fourth fifth	23.17	23.25	23.32	23.51	23.16	23.40	23.64	23.72	23.86
5. Highest fifth	40.83	40.21	40.17	40.03	40.41	40.17	40.34	40.19	40.25
Ratio of highest fifth's income to lowest fifth's	6.07	6.03	6.04	6.01	5.98	6.05	6.34	6.19	6.17

3-20b. Changes in Household Expenditure in Taiwan (Continued)

Unit: %

Item	2003	2004	2005	2006	2007	2008	2009	2010	2011
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Food, beverages and tobacco	16.86	16.44	16.20	16.13	16.48	16.40	16.68	16.64	16.22
2. Clothing and footwear	3.53	3.48	3.41	3.37	3.27	3.18	3.19	3.23	3.10
3. Housing, utilities and other fuels	24.38	23.52	23.77	23.67	23.91	24.23	24.30	24.57	24.39
4. Furniture, home equipment, and home services	2.43	2.57	2.51	2.41	2.48	2.47	2.53	2.48	2.49
5. Medical care and health expenses	12.52	12.74	13.19	13.75	14.11	14.35	14.45	14.39	14.62
6. Transportation and communications	12.50	12.96	12.97	12.79	12.90	12.38	12.73	12.52	13.00
7. Recreation, culture and education	11.99	12.07	11.75	11.53	11.23	11.29	11.04	11.01	10.39
8. Restaurants and hotels	8.92	9.14	9.32	9.31	9.67	10.08	9.37	9.71	10.16
9. Others	6.88	7.08	6.88	7.03	5.95	5.62	5.71	5.45	5.63



## **4. AGRICULTURE**



## 4-1. Area of Cultivated Land

Unit: 1,000 ha.

Period	Area of Total Cultivated Land (A)	Paddy Field			Upland Field	Total Crop Area (B)	Multiple-Cropping Index (B/A x 100)
		Total	Double-Cropping Field	Single-Cropping Field			
1952	876	534	325	209	342	1,521	173.6
1955	873	533	333	200	340	1,508	172.7
1960	869	526	329	197	344	1,600	184.1
1965	890	537	337	199	353	1,680	188.8
1970	905	529	336	193	376	1,656	183.0
1975	917	516	342	174	401	1,659	180.9
1980	907	509	361	149	398	1,400	154.4
1985	888	495	346	148	393	1,257	141.6
1988	895	484	344	139	412	1,216	135.9
1989	895	480	340	140	415	1,184	132.3
1990	890	477	341	136	413	1,155	129.8
1991	884	473	333	140	411	1,127	127.5
1992	876	465	328	137	411	1,089	124.3
1993	875	464	330	134	411	1,077	123.1
1994	872	461	329	132	411	1,035	118.7
1995	873	459	329	130	414	1,036	118.7
1996	872	456	328	128	416	998	114.4
1997	865	455	325	130	410	995	115.0
1998	859	451	323	128	408	963	112.1
1999	855	444	321	123	411	963	112.6
2000	851	442	317	125	409	904	106.2
2001	849	439	316	123	410	877	103.3
2002	847	435	314	121	412	850	100.4
2003	844	433	319	114	411	797	94.4
2004	836	428	329	99	408	737	88.2
2005	833	426	329	97	408	760	91.2
2006	830	424	328	95	406	751	90.5
2007	826	422	328	95	404	738	89.4
2008	822	421	328	93	402	726	88.3
2009	815	416	330	86	400	721	88.4
2010	813	411	322	88	402	697	85.7
2011	808	406	330	76	402	704	87.1
2012 (1)	800	399	324	75	400	695	87.0

(1) Preliminary.

Source: The data are provided by the Council of Agriculture, R.O.C. (Taiwan).

4-2. Agricultural Population by Owner and Tenant

Unit: 1,000 persons

End of Year	Agricultural Population		Cultivating Farm Household						
	%	Population	All Self-owned	Part Self-owned	All Non-self-owned	Percentage (%)			
						All Self-owned	Part Self-owned	All Non-self-owned	
1952	...	...	4,257	1,598	1,113	1,546	37.5	26.1	36.3
1955	...	...	4,603	2,708	1,084	811	58.8	23.5	17.6
1960	...	...	5,373	3,463	1,157	753	64.5	21.5	14.0
1965	...	...	5,739	3,837	1,179	722	66.9	20.5	12.6
1970	...	...	5,997	4,642	737	618	77.4	12.3	10.3
1975	5,785	35.8	5,598	4,572	540	486	81.7	9.6	8.7
1980	5,389	30.3	5,288	4,353	556	379	82.3	10.5	7.2
1985	4,685	24.3	4,146	3,384	496	266	81.6	12.0	6.4
1988	3,819	19.2	3,781	3,218	397	166	85.1	10.5	4.4
1989	3,671	18.3	3,634	3,133	371	130	86.2	10.2	3.6
1990	4,289	21.1	4,262	3,609	371	282	84.7	8.7	6.6
1991	4,200	20.5	4,159	3,379	537	243	81.2	12.9	5.8
1992	4,081	19.7	4,039	3,423	429	187	84.7	10.6	4.6
1993	3,993	19.1	3,947	3,295	464	188	83.5	11.8	4.8
1994	4,007	19.0	3,963	3,287	525	151	82.9	13.2	3.8
1995	3,930	18.5	3,902	3,321	385	196	85.1	9.9	5.0
1996	3,716	17.4	3,688	3,180	340	168	86.2	9.2	4.6
1997	3,721	17.3	3,693	3,190	338	165	86.4	9.2	4.5
1998	3,728	17.0	3,699	3,192	343	165	86.3	9.3	4.5
1999	3,747	17.0	3,724	3,213	343	167	86.3	9.2	4.5
2000	3,669	16.5	3,648	3,060	395	194	83.9	10.8	5.3
2001	3,783	16.9	3,761	3,105	464	192	82.6	12.3	5.1
2002	3,782	16.9	3,760	3,124	451	185	83.1	12.0	4.9
2003	3,528	15.7	3,506	2,993	369	144	85.4	10.5	4.1
2004	3,393	15.0	3,373	2,854	390	129	84.6	11.6	3.8
2005	3,400	15.0	3,382	2,966	261	155	87.7	7.7	4.6
2006	3,233	14.2	3,216	2,795	267	154	86.9	8.3	4.8
2007	3,050	13.3	3,033	2,612	327	94	86.1	10.8	3.1
2008	3,028	13.2	3,012	2,591	314	107	86.0	10.4	3.5
2009	2,984	13.0	2,968	2,523	336	108	85.0	11.3	3.7
2010	2,962	12.8	2,940	2,550	236	154	86.7	8.0	5.2
2011	2,944	12.7	2,922	2,524	252	146	86.4	8.6	5.0

Source: See Table 4-1.

#### 4-3. Cultivated Land, Agricultural Population and Employment

Period	Area of Cultivated Land (ha.)	Number of Farm Families (household)	Agricultural Population (1,000 persons)	Agricultural Employment (1,000 persons)	Area of Cultivated Land (ha.)		
					Per Farm Family	Per Capita on Farm	Per Agricultural Employment
1952	876,100	679,750	...	1,642	1.29	...	0.53
1955	873,002	732,555	...	1,667	1.19	...	0.52
1960	869,223	785,592	...	1,742	1.11	...	0.50
1965	889,563	847,242	...	1,748	1.05	...	0.51
1970	905,263	880,274	...	1,681	1.03	...	0.54
1975	917,111	897,739	5,785	1,681	1.02	0.16	0.55
1980	907,353	891,115	5,389	1,277	1.02	0.17	0.71
1985	887,660	779,897	4,685	1,297	1.14	0.19	0.68
1988	894,974	738,742	3,819	1,113	1.21	0.23	0.80
1989	894,601	723,191	3,671	1,066	1.24	0.24	0.84
1990	890,090	859,772	4,289	1,064	1.04	0.21	0.84
1991	884,443	824,256	4,206	1,093	1.07	0.21	0.81
1992	875,951	797,745	4,081	1,065	1.10	0.21	0.82
1993	874,535	822,395	3,993	1,005	1.06	0.22	0.87
1994	872,307	807,791	4,007	976	1.08	0.22	0.89
1995	873,378	792,125	3,930	954	1.10	0.22	0.92
1996	872,159	779,427	3,716	918	1.12	0.23	0.97
1997	864,817	780,246	3,721	878	1.11	0.23	0.98
1998	858,756	782,136	3,728	822	1.10	0.23	1.04
1999	855,073	787,407	3,747	776	1.09	0.23	1.10
2000	851,495	721,161	3,669	740	1.18	0.23	1.15
2001	848,743	745,812	3,783	706	1.17	0.23	1.20
2002	847,334	748,317	3,782	709	1.13	0.22	1.20
2003	844,097	755,454	3,528	696	1.12	0.24	1.21
2004	835,507	759,716	3,393	642	1.10	0.25	1.30
2005	833,176	767,316	3,400	591	1.09	0.25	1.41
2006	829,527	756,366	3,233	555	1.10	0.26	1.49
2007	825,947	751,338	3,050	543	1.10	0.27	1.52
2008	822,364	748,276	3,028	535	1.10	0.27	1.54
2009	815,462	744,147	2,984	543	1.10	0.27	1.50
2010	813,126	776,724	2,962	550	1.05	0.27	1.48
2011	808,294	777,473	2,944	542	1.04	0.27	1.49
2012 (1)	799,639	...	...	544	...	...	1.47

See note (1) of Table 4-1.

Source: See Table 4-1.

#### 4-4. Indices of Agricultural Production

Period	Index (2011=100)					Annual Growth Rate (%)				
	General Index	Agri-culture	Forestry	Fisheries	Livestock	General Index	Agri-culture	Forestry	Fisheries	Livestock
1952	24.32	55.77	805.37	11.46	6.79	17.25	13.48	21.72	28.74	12.55
1955	28.86	61.48	839.33	17.08	9.13	2.87	-0.47	1.23	17.67	3.77
1960	35.99	74.16	1,364.11	23.27	11.70	0.64	1.40	3.17	4.89	-3.64
1965	47.29	95.18	2,054.46	31.67	15.88	6.60	6.62	2.54	2.08	7.40
1970	59.69	106.25	1,996.00	54.44	25.12	6.89	4.45	5.86	8.74	9.84
1975	67.49	111.57	1,553.88	73.98	29.03	-1.38	-2.98	-9.15	9.65	-5.41
1980	87.74	117.16	1,098.85	101.73	52.02	1.07	-2.16	-10.01	1.49	5.91
1985	97.39	113.46	961.05	113.50	71.27	3.05	0.76	-9.98	4.28	6.82
1988	106.44	113.58	640.10	142.21	80.99	1.55	1.37	-35.18	4.08	0.86
1989	106.24	113.03	452.15	135.13	84.94	-0.19	-0.48	-29.36	-4.98	4.87
1990	108.60	108.01	386.86	143.57	91.35	2.23	-4.45	-14.44	6.24	7.54
1991	110.16	110.76	362.26	132.81	99.53	1.44	2.55	-6.36	-7.49	8.95
1992	107.56	106.17	218.64	128.12	101.93	-2.36	-4.14	-39.65	-3.53	2.41
1993	114.06	113.40	228.24	136.15	106.38	6.03	6.81	4.39	6.26	4.37
1994	110.56	109.42	172.29	120.07	112.40	-3.06	-3.51	-24.51	-11.81	5.66
1995	114.69	111.62	201.10	125.08	118.05	3.73	2.00	16.72	4.18	5.02
1996	114.87	111.31	165.67	119.24	122.82	0.16	-0.27	-17.62	-4.67	4.04
1997	113.37	113.09	186.34	121.57	113.69	-1.30	1.60	12.48	1.95	-7.44
1998	107.15	103.74	236.03	121.70	105.29	-5.49	-8.27	26.66	0.11	-7.39
1999	108.37	110.78	198.37	119.17	101.47	1.14	6.78	-15.95	-2.08	-3.63
2000	110.76	105.60	195.70	130.29	107.25	2.20	-4.67	-1.34	9.34	5.70
2001	109.40	101.03	162.04	132.49	107.58	-1.22	-4.33	-17.20	1.68	0.31
2002	113.89	106.59	180.76	143.27	105.57	4.10	5.50	11.56	8.14	-1.87
2003	114.06	103.77	196.83	153.41	103.47	0.16	16.56	8.90	7.08	-2.00
2004	109.23	98.63	196.49	142.47	103.33	-4.23	-4.87	-0.18	-7.12	-0.14
2005	103.00	89.28	153.67	139.56	100.42	-5.74	-9.48	-21.79	-2.06	-2.94
2006	103.75	97.70	171.14	120.02	102.85	0.76	9.44	11.37	-14.00	2.56
2007	101.26	91.37	117.27	126.91	100.35	-2.40	-21.93	-31.48	5.74	-2.43
2008	96.12	90.85	108.49	109.64	95.87	-5.08	-0.58	-7.49	-13.61	-4.46
2009	94.42	91.71	110.29	99.81	95.50	-1.77	0.96	1.66	-8.97	-0.39
2010	96.44	94.18	101.28	101.58	96.78	2.14	2.68	-8.17	1.77	1.34
2011	100.00	100.00	100.00	100.00	100.00	3.69	6.15	-1.26	-1.56	3.33
2012 (1)	95.78	101.14	103.60	92.28	98.58	-4.22	-4.54	3.60	-7.72	-1.42

See note (1) of Table 4-1.

Source: See Table 4-1.

4-5a. Area and Output of Principal Crops

Period	Rice (Brown)			Sweet Potatoes			Wheat		
	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.
	1,000 ha.	1,000 m.t.	kg.	1,000 ha.	1,000 m.t.	kg.	1,000 ha.	m.t.	kg.
1952	(1) 785.7	1,570	1,998	(1) 233.5	2,090	8,953	(1) 14.6	16,604	1,139
1955	(1) 780.7	1,615	2,151	(1) 245.5	2,437	9,928	(1) 12.8	19,304	1,503
1960	(1) 766.4	1,912	2,495	(1) 235.4	2,979	12,654	(1) 25.2	45,574	1,808
1965	(1) 772.9	2,348	3,038	234.1	3,131	13,377	11.1	23,492	2,113
1970	(1) 776.1	2,463	3,173	228.7	3,441	15,043	2.0	3,664	1,829
1975	(1) 790.2	2,494	3,156	156.7	2,403	15,337	1.3	3,042	2,401
1980	637.4	2,354	3,692	62.3	1,055	16,949	1.1	2,839	2,496
1985	563.7	2,174	3,856	23.2	369	15,899	1.1	2,125	2,018
1988	471.1	1,845	3,916	15.3	255	16,612	0.9	2,957	3,437
1989	475.5	1,865	3,922	12.3	206	16,768	0.9	3,039	3,537
1990	454.3	1,807	3,977	11.7	200	16,952	1.1	2,932	2,703
1991	428.8	1,819	4,241	12.8	224	17,523	1.2	3,581	3,012
1992	397.2	1,628	4,099	11.7	204	17,392	1.4	4,326	3,086
1993	390.9	1,820	4,655	11.0	188	17,098	1.4	4,921	3,490
1994	366.3	1,679	4,583	10.2	181	17,917	1.4	4,440	3,249
1995	363.5	1,687	4,640	10.6	196	18,438	1.3	4,429	3,367
1996	347.8	1,577	4,536	10.5	204	19,421	0.1	193	3,367
1997	364.2	1,663	4,565	10.7	208	19,501	0.0	85	4,269
1998	357.7	1,489	4,164	9.7	187	19,292	0.0	66	3,667
1999	353.1	1,559	4,414	10.0	218	21,940	0.0	88	4,608
2000	339.6	1,540	4,535	9.3	198	21,314	0.0	127	3,510
2001	331.6	1,396	4,210	9.3	189	20,402	0.1	234	3,426
2002	306.8	1,461	4,760	8.8	191	21,714	0.1	262	3,617
2003	272.1	1,338	4,918	9.0	200	22,201	0.1	264	3,503
2004	237.0	1,165	4,914	8.2	175	21,453	0.1	238	3,221
2005	269.0	1,188	4,414	10.2	214	20,918	0.1	196	3,156
2006	263.2	1,262	4,794	10.6	235	22,165	0.1	271	4,018
2007	260.1	1,098	4,222	9.6	200	20,784	0.1	296	4,239
2008	252.3	1,178	4,670	10.3	213	20,761	0.1	292	4,418
2009	254.6	1,277	5,014	10.7	229	21,424	0.1	364	4,472
2010 (2)	243.9	1,168	4,789	9.6	209	21,846	1.9	5,178	2,741
2011	254.3	1,348	5,301	9.1	206	22,652	1.9	4,034	2,163
2012	260.8	1,368	5,247	9.6	221	23,066	2.1	6,859	3,344

(1) Planted area. (2) Including Kinmen and Matsu since 2010.

Source: See Table 4-1.

4-5b. Area and Output of Principal Crops (Continued)

Period	Soybeans			Peanuts			Tea		
	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.
	1,000 ha.	m.t.	kg.	1,000 ha.	m.t.	kg.	1,000 ha.	m.t.	kg.
1952	(1) 24.3	14,627	602	(1) 81.0	60,037	741	38.0	11,582	305
1955	(1) 34.5	24,151	700	(1) 96.0	66,572	693	42.8	14,680	343
1960	(1) 59.7	52,653	882	(1) 100.5	102,167	1,017	45.7	17,365	380
1965	53.2	65,709	1,236	103.6	125,817	1,214	34.6	20,730	599
1970	42.7	65,174	1,525	87.5	122,198	1,397	33.3	27,648	831
1975	41.4	61,920	1,495	64.1	91,470	1,427	31.4	26,092	830
1980	15.3	25,934	1,692	53.3	86,126	1,617	27.1	24,479	902
1985	7.1	12,211	1,717	52.9	89,105	1,683	24.3	23,203	954
1988	7.7	14,641	1,901	45.6	83,335	1,826	23.4	23,557	1,006
1989	5.7	10,956	1,915	34.1	64,770	1,898	22.3	22,130	995
1990	4.2	8,140	1,945	34.4	64,980	1,892	22.7	22,299	983
1991	4.0	8,333	2,061	40.0	83,816	2,097	22.4	21,380	956
1992	3.9	8,562	2,173	37.0	75,579	2,045	20.8	20,164	969
1993	5.4	12,715	2,355	32.0	76,462	2,387	21.1	20,515	970
1994	5.7	12,005	2,110	35.2	80,583	2,289	19.7	24,485	1,243
1995	3.8	8,894	2,313	39.2	92,225	2,355	19.9	20,892	1,048
1996	5.0	9,693	1,921	34.0	79,918	2,353	20.0	23,321	1,169
1997	2.0	4,722	2,382	33.3	84,185	2,529	19.6	23,505	1,198
1998	0.7	1,463	2,136	30.0	68,325	2,274	19.3	22,641	1,173
1999	0.2	352	2,169	26.5	67,155	2,535	19.1	21,119	1,103
2000	0.2	294	1,912	29.6	79,128	2,670	19.7	20,349	1,033
2001	0.2	328	1,954	25.2	56,087	2,228	17.9	19,837	1,108
2002	0.2	368	2,184	25.4	77,455	3,050	18.3	20,345	1,110
2003	0.2	341	2,195	25.3	73,462	2,908	18.2	20,675	1,138
2004	0.1	280	2,081	21.8	68,302	3,135	17.5	20,192	1,156
2005	0.1	213	2,128	22.1	53,948	2,438	17.1	18,803	1,102
2006	0.1	187	2,202	24.5	71,561	2,918	16.7	19,345	1,156
2007	0.1	147	2,160	23.1	51,885	2,239	15.7	17,502	1,115
2008	0.1	141	1,906	22.5	55,075	2,445	15.2	17,384	1,146
2009	0.1	220	1,785	21.8	56,941	2,617	14.9	16,780	1,128
2010(2)	0.1	204	1,766	20.9	65,036	3,109	14.5	17,467	1,202
2011	0.1	105	1,919	23.4	68,231	2,920	14.1	17,310	1,228
2012	0.1	159	2,001	19.4	56,845	2,926	13.3	14,902	1,120

## 4-5c. Area and Output of Principal Crops (Continued)

Period	Bananas			Pineapples			Citrus Fruits		
	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Ha.
	1,000 ha.	m.t.	kg.	1,000 ha.	m.t.	kg.	1,000 ha.	m.t.	kg.
1952	15.7	106,856	6,811	5.8	62,760	10,731	4.6	27,770	6,024
1955	10.7	84,677	7,934	5.7	70,537	12,437	5.2	30,235	5,763
1960	12.7	114,216	8,987	9.7	166,730	17,108	8.1	52,866	6,527
1965	27.4	460,094	16,765	11.1	231,005	20,829	14.7	114,434	7,788
1970	39.0	461,829	11,838	12.8	338,191	26,525	22.0	209,115	9,514
1975	10.8	196,585	18,165	12.2	318,978	26,251	33.0	347,778	10,549
1980	9.3	214,323	23,125	7.4	228,804	31,121	32.7	374,383	11,450
1985	8.3	198,596	23,950	4.7	149,745	32,024	32.9	418,863	12,731
1988	10.0	228,725	22,909	6.2	228,127	36,676	40.2	559,526	13,914
1989	9.7	198,442	20,488	6.0	230,738	38,494	41.5	568,659	13,708
1990	9.5	201,440	21,311	6.1	234,629	38,497	41.5	528,941	12,752
1991	9.3	196,663	21,040	6.4	241,477	37,866	40.7	544,251	13,372
1992	9.6	195,970	20,431	5.7	226,279	39,612	41.7	526,599	12,638
1993	9.3	212,748	22,772	6.4	277,263	43,363	40.7	506,731	12,446
1994	8.2	184,287	22,355	6.5	252,234	38,943	38.4	467,980	12,199
1995	7.9	172,633	21,932	6.3	256,421	40,614	34.6	472,409	13,671
1996	6.5	140,997	21,663	6.3	274,113	43,197	34.2	463,022	13,538
1997	8.8	204,736	23,267	6.7	300,686	44,633	35.2	494,701	14,069
1998	9.3	215,639	23,140	7.2	316,057	43,837	35.0	481,703	13,776
1999	9.0	212,531	23,718	7.3	348,450	47,474	33.5	486,475	14,522
2000	8.8	198,455	22,464	8.0	357,535	44,960	31.7	440,382	13,888
2001	9.0	204,724	22,830	8.6	388,691	45,144	32.7	463,473	14,188
2002	9.6	226,521	23,663	9.1	416,280	45,717	32.4	459,574	14,193
2003	9.6	223,061	23,316	9.9	447,807	45,350	31.8	529,080	16,656
2004	9.2	189,900	20,754	10.4	458,499	44,175	32.0	547,814	17,121
2005	8.8	148,715	16,808	10.7	439,872	41,213	32.2	471,563	14,624
2006	10.1	214,277	21,214	10.9	491,588	44,909	32.4	548,991	16,953
2007	11.1	241,729	21,629	11.4	476,811	41,930	32.1	473,074	14,744
2008	11.1	207,702	18,703	10.6	452,060	42,595	32.3	563,914	17,453
2009	11.4	172,550	15,104	10.1	434,769	43,256	29.4	539,854	18,357
2010 (2)	13.5	287,895	21,399	9.0	420,172	46,545	27.8	529,689	19,041
2011	13.3	305,740	23,062	8.3	401,367	48,569	26.3	556,944	21,153
2012	12.9	295,265	22,805	8.2	392,211	47,878	25.8	528,255	20,510

4.5d. Area and Output of Principal Crops (Continued)

Period	Sugarcane (3)						
	Harvested Area	Production	Yield Per Ha.	Refined Sugar		Brown Sugar	
				Production	Yield Per Ha.	Production	Yield Per Ha.
	1,000 ha.	1,000 m.t.	kg.	m.t.	kg.	m.t.	kg.
1952	98.0	4,801	49,003	520,453	6,986	8,007	2,437
1955	77.9	6,089	78,121	733,160	10,490	14,833	5,273
1960	95.5	6,736	70,505	774,376	8,374	17,808	5,791
1965	110.7	9,490	85,730	1,005,547	9,533	33,698	6,465
1970	86.2	5,991	69,460	588,286	7,123	23,677	6,467
1975	99.2	7,687	77,487	715,823	7,510	23,040	5,920
1980	107.2	8,851	82,569	829,639	7,911	16,186	6,953
1985	82.6	6,823	75,086	662,030	8,150	9,301	6,663
1988	70.9	6,767	95,511	584,261	8,350	8,396	9,476
1989	67.3	6,628	98,434	616,536	9,306	9,923	9,214
1990	65.5	5,581	85,270	475,348	7,326	3,735	6,553
1991	60.0	4,536	75,600	409,092	6,840	978	6,293
1992	61.6	5,668	91,934	476,890	7,748	452	4,520
1993	61.8	4,577	74,067	398,992	6,459	77	3,080
1994	60.1	5,275	87,738	467,782	7,783	86	3,440
1995	58.1	4,661	80,197	408,093	7,021	...	...
1996	52.1	4,190	81,211	391,544	7,520	...	...
1997	47.8	3,902	81,673	347,683	7,277	...	...
1998	45.3	3,560	78,610	311,699	6,883	...	...
1999	40.0	3,256	81,337	276,409	6,910	...	...
2000	37.0	2,894	78,299	259,471	7,021	...	...
2001	31.6	2,180	68,916	188,862	5,970	...	...
2002	27.3	1,973	72,203	171,964	6,293	...	...
2003	22.8	1,696	74,501	151,043	6,636	...	...
2004	14.1	1,129	80,032	103,867	7,360	...	...
2005	10.6	875	82,616	75,439	7,119	...	...
2006	10.3	651	63,502	55,008	...	...	...
2007	9.9	721	72,731	63,142	...	...	...
2008	9.8	707	72,122	58,858	...	...	...
2009	9.5	613	64,510	50,235	...	...	...
2010 (2)	9.2	665	72,101	55,076	...	...	...
2011	8.7	654	74,936	51,921	...	...	...
2012	8.3	548	65,986	44,684	...	...	...

(3) Crop year.

4-5e. Area and Output of Principal Crops (Continued)

Period	Asparagus			Mushrooms			Watermelons		
	Harvested Area	Production	Yield Per Ha.	Harvested Area	Production	Yield Per Sq.m.	Harvested Area	Production	Yield Per Ha.
	ha.	m.t.	kg.	1,000 sq.m.	m.t.	kg.	ha.	m.t.	kg.
1952	...	...	...	...	...	...	(1) 3,206	26,790	8,355
1955	...	...	...	...	...	...	(1) 3,695	24,772	6,703
1960	...	...	...	...	...	...	(1) 6,240	48,315	7,742
1965	(1) 9,533	16,776	1,760	8,565	32,430	3.79	(1) 7,317	77,329	10,569
1970	(1) 12,588	112,331	8,924	8,290	39,021	4.71	(1) 13,715	225,843	16,469
1975	17,384	80,113	4,607	5,906	48,802	8.26	(1) 12,907	210,897	16,339
1980	12,428	112,871	9,082	7,945	76,159	9.61	(1) 19,923	341,410	17,136
1985	9,903	62,068	6,268	4,318	59,853	13.86	19,575	284,521	14,535
1988	6,419	32,868	5,120	2,631	32,738	12.44	23,614	375,081	15,883
1989	5,249	25,092	4,781	2,109	27,359	12.97	21,364	327,893	15,348
1990	3,190	17,924	5,619	1,478	19,780	13.39	19,045	255,371	13,409
1991	2,437	12,424	5,099	1,267	16,081	12.69	21,549	350,038	16,244
1992	1,755	9,130	5,202	940	11,619	12.36	20,198	337,100	16,690
1993	1,525	7,951	5,222	639	8,217	12.86	20,537	350,579	17,073
1994	1,471	7,423	5,051	548	7,136	13.02	18,851	296,491	15,730
1995	1,420	7,617	5,364	490	5,945	12.13	18,363	307,743	16,757
1996	1,523	7,560	4,971	622	8,387	13.50	19,429	338,401	17,420
1997	1,564	7,308	4,672	601	7,222	12.01	18,735	300,004	16,010
1998	1,484	6,344	4,273	498	6,035	12.12	19,034	310,643	16,322
1999	1,538	7,457	4,838	395	4,805	12.18	19,420	382,286	19,685
2000	1,562	7,901	5,050	339	4,315	12.73	17,357	354,856	20,446
2001	1,538	7,365	4,790	403	4,933	12.24	16,842	330,082	19,599
2002	1,430	6,954	4,864	436	5,217	11.97	19,757	434,289	21,982
2003	1,253	6,325	5,046	408	4,883	11.97	15,727	335,919	21,360
2004	1,149	5,900	5,133	458	5,643	12.33	14,700	314,945	21,425
2005	1,055	4,635	4,410	418	5,117	12.24	12,448	212,488	17,273
2006	871	4,413	5,066	380	4,663	12.27	12,346	236,322	19,142
2007	733	3,141	4,286	352	4,304	12.23	13,483	220,773	16,375
2008	685	2,667	3,893	332	3,951	11.88	12,456	203,275	16,320
2009	635	2,479	3,907	325	3,898	12.00	11,799	217,619	18,444
2010 (2)	576	2,657	4,614	257	3,149	12.27	11,604	225,925	19,469
2011	585	3,056	5,220	297	4,097	13.79	11,693	246,643	21,094
2012	614	3,340	5,438	268	3,439	12.83	11,871	243,067	20,475

## 4-6 Allocations of Various Kinds of Chemical Fertilizer

Unit: m.t.

Period	Total	Ammonium Sulphate	Calcium Ammonium Nitrate	Urea	Calcium Super-phosphate	Potassium Chloride	Potassium Sulphate	Compound	Others
1952	458,369	178,586	68,230	...	72,502	22,154	...	...	116,897
1955	562,560	284,238	16	537	110,756	32,064	2,518	...	132,431
1960	664,872	315,342	39,428	17,295	132,774	45,673	4,955	...	109,405
1965	797,446	363,264	47,309	93,715	181,025	51,001	5,139	3,200	52,793
1970	678,581	333,689	36,650	63,974	138,435	53,859	7,843	37,268	6,863
1975	1,240,827	523,361	26,914	151,403	275,450	93,047	56	169,956	640
1980	1,359,808	566,619	23,000	178,126	271,962	88,235	-	231,456	410
1985	1,309,872	486,379	34,116	177,304	201,190	94,254	4,435	309,925	1,743
1988	1,338,048	410,173	16,963	200,504	213,913	64,533	6,707	420,137	5,118
1989	1,337,816	379,388	17,427	195,208	213,916	62,831	6,800	454,684	7,562
1990	1,358,860	367,112	16,845	198,121	215,524	63,692	5,443	483,839	13,727
1991	1,409,426	376,766	15,400	198,997	196,720	63,412	5,483	543,933	14,198
1992	1,365,929	336,214	16,351	189,650	185,205	60,708	5,276	562,900	14,901
1993	1,386,792	361,734	16,525	178,109	176,473	57,420	5,330	584,112	12,419
1994	1,376,652	343,602	15,585	183,914	163,655	53,751	8,345	601,407	14,738
1995	1,382,139	342,137	16,469	205,923	172,936	56,858	6,232	575,883	11,933
1996	1,391,665	324,612	16,425	205,577	149,429	59,411	6,428	625,980	10,231
1997	1,203,163	272,703	15,037	182,367	122,766	63,518	8,292	534,509	12,263
1998	1,195,734	257,658	10,514	173,169	131,999	66,340	7,254	540,741	15,313
1999	1,213,310	299,556	15,577	161,544	122,598	62,507	6,777	543,246	8,282
2000	1,257,699	334,657	17,197	178,367	137,792	61,621	9,199	518,813	9,252
2001	1,294,910	341,877	17,300	128,509	164,316	58,300	10,548	570,688	13,920
2002	1,248,294	323,116	17,684	127,158	143,076	50,775	10,400	565,892	20,593
2003	1,143,355	186,731	6,630	112,438	135,470	38,702	10,526	624,439	27,940
2004	1,195,465	232,652	6,836	113,914	117,192	43,180	7,714	646,088	35,603
2005	1,141,483	240,192	6,360	84,968	105,458	29,833	7,012	636,019	31,641
2006	1,159,310	218,215	8,606	81,093	120,807	31,842	9,398	677,338	11,844
2007	1,137,444	226,243	6,691	78,358	113,453	30,969	10,280	659,178	11,799
2008	1,013,714	185,123	2,591	77,478	85,924	27,629	1,499	627,140	6,330
2009	1,041,031	195,301	1,019	75,636	76,868	30,244	3,981	652,013	5,969
2010	1,030,819	180,802	523	73,420	74,283	30,210	5,609	661,124	4,848
2011	1,008,025	158,733	438	71,966	68,614	30,909	5,771	653,388	18,206
2012	1,010,607	144,802	264	74,931	63,284	27,565	5,831	679,091	14,839

Source: See Table 4-1.

4-7. Forest Areas and Reserves

Period	Forest Areas (1,000 ha.)				Forest Reserves			
	Total	Conifers	Conifer-Hardwood Mix	Hardwoods and Bamboo	Trees (1,000 m <sup>3</sup> )			Bamboo (1,000 poles)
					Total	Conifers	Hardwoods	
1952	1,790	181	264	1,345	203,870	68,577	135,293	488,751
1955	1,768	179	263	1,326	199,603	68,428	131,175	513,039
1960	2,097	413	55	1,629	238,913	98,988	139,926	459,025
1965	2,164	432	55	1,677	239,288	97,432	141,856	459,025
1970	2,224	449	55	1,720	240,872	96,745	144,127	459,025
1975	2,224	449	55	1,720	240,872	96,745	144,127	459,025
1980	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1985	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1988	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1989	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1990	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1991	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1992	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1993	1,866	417	158	1,292	326,421	124,550	(1) 201,871	1,168,713
1994	2,102	439	393	1,271	358,239	125,428	(1) 232,811	1,127,831
1995	2,102	439	393	1,271	358,239	125,428	(1) 232,811	1,127,831
1996	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
1997	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
1998	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
1999	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2000	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2001	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2002	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2003	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2004	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2005	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2006	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2007	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2008	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2009	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2010 (2)	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2011	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921
2012	2,102	439	395	1,267	357,492	125,428	(1) 232,064	1,108,921

(1) Including conifer-hardwood mix. (2) See note (2) of Table 4-5a.

Source: See Table 4-1.

#### 4-8. Forestry Production

Period	Saw-timber (m <sup>3</sup> )			Firewood (m <sup>3</sup> )	Bamboo (1,000 pcs.)	Millwood of Industry (m <sup>3</sup> )
	Total	Conifers	Hardwoods			
1952	448,570	235,574	212,996	193,880	...	...
1955	480,954	295,841	185,113	135,474	7,583	...
1960	822,326	483,246	339,080	173,807	11,636	...
1965	1,116,915	779,030	337,885	198,951	13,742	...
1970	1,111,156	729,008	382,148	242,458	13,784	90,329
1975	854,731	543,441	311,290	248,329	11,003	104,592
1980	582,663	355,627	227,036	86,071	10,292	42,293
1985	474,584	295,889	178,695	62,394	6,856	90,607
1988	253,312	141,492	111,820	57,059	6,058	58,840
1989	157,289	94,504	62,785	33,926	6,355	27,255
1990	113,830	66,744	47,086	25,966	5,796	30,988
1991	74,190	49,752	24,438	19,320	4,319	(1) 13,182
1992	71,910	56,550	15,360	18,515	3,235	12,946
1993	46,924	40,724	6,200	6,015	2,140	7,802
1994	37,821	29,954	7,867	3,136	1,850	3,343
1995	35,603	31,522	4,081	12,044	2,157	5,173
1996	36,118	33,066	3,051	6,145	2,163	3,661
1997	32,778	30,038	2,739	4,667	1,233	6,626
1998	29,154	26,015	3,139	5,043	1,426	5,888
1999	23,332	18,359	4,973	4,299	1,717	4,082
2000	21,134	16,189	4,945	4,760	1,550	896
2001	26,401	13,919	12,482	5,953	594	1,727
2002	31,074	14,470	16,605	3,957	868	297
2003	26,098	19,508	6,590	14,995	665	55
2004	30,372	16,561	13,810	9,642	574	27
2005	31,389	19,759	11,629	12,675	673	53
2006	26,979	16,135	10,844	9,224	544	31
2007	26,441	20,880	5,562	7,186	825	1,533
2008	25,135	20,297	4,838	6,059	2,430	37
2009	25,176	18,947	6,229	2,624	3,251	90
2010 (2)	19,131	10,598	8,533	296	3,261	41
2011	23,273	17,652	5,620	740	1,881	200
2012	24,898	21,341	3,557	2,542	1,742	40

(1) Prior to 1991 (including 1991), saw-timber of industry was measured in metric tons. (2) See note (2) of Table 4-5a.

Source: See Table 4-1.

## 4-9. Fisheries Production

Unit: m.t.

Period	Total	Far-sea Fisheries	Offshore Fisheries	Coastal Fisheries	Marine Aquaculture	Inland Water Fisheries	Inland Aquaculture
1953	130,597	24,253	29,817	37,208	6,337	763	32,221
1955	180,618	36,413	46,744	49,890	7,257	1,876	38,440
1960	259,140	85,210	91,170	31,761	7,839	1,969	41,191
1965	381,688	135,949	156,566	33,688	10,683	1,326	43,478
1970	613,152	275,971	232,541	30,338	17,891	1,578	54,833
1975	779,950	326,707	293,259	29,540	31,314	2,868	96,263
1980	936,334	350,424	370,905	37,296	29,988	2,701	145,020
1985	1,037,721	413,693	316,417	54,467	36,067	2,409	214,668
1988	1,360,868	699,266	308,114	49,089	34,617	3,424	266,357
1989	1,371,681	734,459	333,798	49,794	37,074	3,877	212,681
1990	1,455,495	766,985	292,391	48,362	36,507	3,494	307,756
1991	1,316,651	714,263	266,945	41,231	31,192	2,327	260,693
1992	1,326,981	737,638	280,513	45,401	33,958	1,782	227,690
1993	1,423,971	834,965	258,601	43,443	35,105	1,688	250,170
1994	1,255,273	683,780	242,272	39,800	33,185	1,456	254,780
1995	1,296,865	709,543	255,981	43,496	33,230	1,211	253,404
1996	1,239,635	668,979	256,654	41,033	34,889	444	237,636
1997	1,307,008	748,256	247,575	40,576	31,354	412	238,835
1998	1,348,152	839,190	209,721	43,609	26,033	467	229,132
1999	1,363,989	854,667	205,645	39,911	24,035	580	239,151
2000	1,357,351	886,859	169,520	44,016	28,282	557	228,117
2001	1,316,904	795,622	158,969	48,923	26,763	609	286,018
2002	1,405,092	823,534	185,030	49,251	28,729	608	317,939
2003	1,498,983	877,663	192,681	63,430	34,386	475	330,348
2004	1,286,010	706,818	196,820	56,070	37,094	255	288,952
2005	1,312,852	752,118	200,730	52,779	34,746	207	272,270
2006	1,282,279	757,896	154,015	54,226	34,411	155	281,575
2007	1,502,375	988,617	134,619	54,110	34,888	241	289,899
2008	1,339,291	828,427	132,594	47,366	37,765	198	292,940
2009	1,087,814	614,614	145,596	45,732	26,760	132	254,980
2010	1,167,080	688,288	128,289	34,731	41,410	77	274,286
2011	1,223,174	702,133	173,579	28,117	38,098	69	281,179

Source: See Table 4-1.

## 4-10a. Livestock Production

Unit: head

Period	Cattle		Hogs			Goats	
	Number at Year-End	Number Slaughtered	Number at Year-End	Number Born	Number Slaughtered	Number at Year-End	Number Slaughtered
1952	383,390	16,209	2,610,929	2,079,172	1,258,167	181,146	22,530
1955	412,018	17,116	2,799,369	2,081,959	1,770,957	126,856	20,781
1960	420,573	19,459	3,164,571	2,369,051	2,139,633	132,422	29,441
1965	376,745	28,485	2,935,503	2,983,004	2,694,925	156,793	38,430
1970	284,677	54,093	2,900,725	4,251,869	4,319,801	167,727	45,570
1975	249,329	21,408	3,314,823	4,907,420	4,224,657	191,434	49,083
1980	133,813	32,530	4,820,201	6,754,536	7,750,098	183,602	22,088
1985	143,204	24,172	6,673,983	10,986,431	10,380,258	231,159	22,548
1988	176,275	26,256	6,954,322	11,546,204	11,020,942	195,869	27,931
1989	165,136	33,658	7,783,276	12,641,051	11,078,268	179,003	33,167
1990	154,238	27,328	8,565,250	13,856,175	12,121,873	172,593	24,155
1991	152,856	27,229	10,089,137	16,133,503	13,525,987	175,346	25,542
1992	157,873	29,573	9,754,460	14,474,248	13,310,000	201,833	34,449
1993	165,601	26,412	9,844,920	14,811,785	13,225,000	293,629	76,814
1994	164,270	28,829	10,065,552	15,596,885	13,860,000	310,283	121,881
1995	164,825	33,961	10,508,502	16,975,316	14,180,000	318,404	179,591
1996	163,114	33,168	10,698,366	16,821,874	14,310,000	309,129	222,060
1997	166,393	32,770	7,966,887	12,919,492	11,400,000	315,216	225,781
1998	165,399	29,377	6,538,596	9,153,615	9,800,000	273,217	202,721
1999	165,248	25,840	7,243,194	9,851,753	8,980,000	237,295	183,869
2000	161,700	24,505	7,494,954	10,731,976	9,990,000	202,491	169,365
2001	152,507	25,286	7,164,605	11,301,063	10,420,000	184,717	148,658
2002	149,459	26,517	6,793,941	10,540,165	10,060,000	161,858	139,815
2003	148,870	27,617	6,778,799	10,273,138	9,460,000	155,565	128,851
2004	145,023	25,589	6,818,970	11,894,736	9,410,000	249,362	122,533
2005	137,942	30,226	7,171,536	11,981,992	9,499,457	263,542	133,017
2006	134,793	28,119	7,068,621	11,851,784	9,624,662	267,383	159,060
2007	137,127	27,389	6,620,790	11,614,256	9,418,921	249,374	138,807
2008	133,950	28,404	6,427,597	9,429,539	8,727,229	229,523	129,192
2009	133,713	30,483	6,130,003	9,394,096	8,745,585	206,401	117,161
2010 (1)	140,002	31,701	6,185,952	9,443,562	8,575,777	204,854	105,575
2011	144,312	30,831	6,265,546	9,303,747	8,786,528	190,440	92,582
2012	146,186	30,923	6,008,317	9,400,220	8,965,036	167,103	90,129

(1) See note (2) of Table 4-5a.

Source: See Table 4-1.

4-10b. Livestock Production (Continued)

Period	Dairy Cattle		Chickens		Ducks		Chicken Eggs (1,000 pieces)	Duck Eggs (1,000 pieces)
	Number at Year-End (head)	Milk (m.t.)	Number at Year-End (1,000 head)	Number Slaughtered (1,000 head)	Number at Year-End (1,000 head)	Number Slaughtered (1,000 head)		
1955	839	1,857	6,513	13,026	3,323	6,647	128,577	166,169
1960	1,916	4,689	7,650	15,300	3,822	7,643	193,100	191,084
1965	3,716	13,650	9,868	19,737	5,378	10,756	235,714	367,042
1970	4,430	16,123	14,822	29,644	6,798	13,597	574,961	463,518
1975	14,035	46,189	24,756	56,044	7,716	18,599	980,332	478,756
1980	11,045	47,740	41,394	104,685	9,928	27,585	2,023,649	475,522
1985	22,752	87,879	59,313	154,686	10,211	31,894	3,344,729	453,247
1988	40,140	173,407	77,651	193,018	12,229	37,717	3,432,113	404,249
1989	44,926	182,421	84,259	215,940	13,125	39,952	3,844,170	393,907
1990	46,342	203,830	76,979	226,556	10,624	39,900	4,032,185	422,464
1991	49,433	225,656	79,120	233,971	10,661	36,295	3,895,379	393,937
1992	53,295	246,069	87,691	257,666	14,719	40,558	4,754,761	391,648
1993	57,652	278,476	92,329	288,243	13,315	45,483	4,916,374	455,354
1994	58,812	289,574	97,827	301,914	12,843	40,886	5,200,777	472,555
1995	66,377	317,806	101,838	319,820	13,084	42,580	5,718,590	517,945
1996	62,846	315,927	110,535	345,509	12,977	41,759	6,139,072	538,845
1997	65,284	330,469	117,565	389,966	11,863	41,156	7,104,433	531,669
1998	66,514	338,368	120,510	389,524	11,513	35,719	7,157,707	520,188
1999	66,175	338,005	121,512	385,563	11,649	35,208	7,274,451	485,629
2000	66,140	358,049	117,885	389,770	10,624	34,099	7,270,033	478,452
2001	65,125	345,970	117,310	376,196	10,104	32,142	7,325,125	481,789
2002	64,517	357,804	118,846	377,522	10,124	31,012	7,069,644	472,326
2003	59,467	354,421	113,048	371,420	10,111	31,040	7,018,647	477,041
2004	54,615	322,715	108,444	377,959	9,768	32,247	6,998,992	417,126
2005	53,151	303,496	105,018	337,632	11,769	33,596	6,314,144	487,549
2006	52,269	323,165	109,633	346,153	11,912	37,740	6,620,415	466,232
2007	53,107	322,220	103,499	333,504	11,000	36,862	6,659,584	507,328
2008	52,566	315,559	100,298	322,182	9,177	31,730	6,469,671	483,878
2009	53,170	321,781	100,770	329,151	9,319	29,246	6,431,571	442,355
2010	55,296	336,036	98,988	327,244	9,474	30,301	6,728,450	483,822
2011	57,196	350,894	96,851	350,120	9,403	30,515	6,680,044	469,955
2012	59,145	348,489	91,598	324,521	8,879	28,952	6,770,183	466,748

(1) See note (2) of Table 4-5a.

4-11a. Changes in Agricultural Exports and Imports by Product Category

A. Exports

Item	Quantity (m.t.)			Value (US\$ 1,000)		
	2012	2011	Change (%)	2012	2011	Change (%)
Total	1,843,776	1,794,847	2.7	5,087,899	4,668,302	9.0
Crop Products	917,175	913,414	0.4	1,712,079	1,498,101	14.3
Cereals & Their Prep.	81,123	67,652	19.9	265,998	210,170	26.6
Oil Seeds & Flours	4,166	3,711	12.3	5,166	4,740	9.0
Vegetables & Their Prep.	104,522	114,765	-8.9	167,073	161,278	3.6
Fruits & Their Prep.	95,617	95,232	0.4	177,892	162,292	9.6
Flowers & Flower Seeds	39,581	42,354	-6.5	194,685	175,898	10.7
Sugar & Its Prep.	13,675	14,208	-3.8	42,689	39,101	9.2
Tea	4,242	5,849	-27.5	41,396	35,946	15.2
Tobacco & Its Prep.	4,923	4,558	8.0	71,676	50,552	41.8
Wine	18,079	16,681	8.4	68,017	54,948	23.8
Other	551,248	548,404	0.5	677,487	603,177	12.3
Livestock Products	197,820	204,445	-3.2	1,204,853	1,202,562	0.2
Livestock, Poultry, Meat & Offal	7,223	10,197	-29.2	26,175	33,803	-22.6
Dairy Products	9,418	6,576	43.2	32,030	24,169	32.5
Feathers	12,869	12,153	5.9	253,613	235,355	7.8
Wool & Other Animal Hair	4,565	5,790	-21.2	55,520	68,723	-19.2
Hides, Skins & Their Prep.	99,705	98,882	0.8	723,629	724,822	-0.2
Other	64,040	70,847	-9.6	113,886	115,690	-1.6
Fishery Products	654,424	610,880	7.1	2,050,322	1,850,614	10.8
Fishes & Their Prep.	612,464	568,285	7.8	1,898,267	1,692,762	12.1
Crustacea & Their Prep.	1,377	1,814	-24.1	21,910	25,953	-15.6
Mollusca & Its Prep.	21,023	23,312	-9.8	73,318	83,108	-11.8
Other	19,560	17,468	12.0	56,827	48,790	16.5
Forestry Products	74,356	66,107	12.5	120,645	117,025	3.1
Wood & Their Prep.	69,146	60,442	14.4	111,540	107,525	3.7
Bamboo	1,529	1,970	-22.4	1,134	1,518	-25.3
Other	3,681	3,695	-0.4	7,970	7,982	-0.1

Source: See Table 4-1.

## 4-11b. Changes in Agricultural Exports and Imports by Product Category (Continued)

## B. Imports

Item	Quantity (m.t.)			Value (US\$ 1,000)		
	2012	2011	Change (%)	2012	2011	Change (%)
Total	17,872,875	17,656,121	1.2	14,672,118	14,842,035	-1.1
Crop Products	12,675,606	12,267,600	3.3	9,241,700	9,123,834	1.3
Cereals & Their Prep.	6,225,289	6,015,866	3.5	2,390,477	2,440,527	-2.1
Oil Seeds & Flours	2,398,730	2,396,191	0.1	1,501,853	1,353,967	10.9
Vegetables & Their Prep.	476,897	343,976	38.6	313,422	250,768	25.0
Fruits & Their Prep.	408,563	397,966	2.7	769,696	672,410	14.5
Roots, Tubers & Their Prep.	356,402	349,351	2.0	170,958	189,296	-9.7
Plant Medicinal Herbs	40,790	40,922	-0.3	119,509	132,216	-9.6
Flowers & Flower Seeds	10,095	10,478	-3.7	20,559	21,965	-6.4
Sugar & Its Pre.	848,032	854,347	-0.7	423,786	492,704	-14.0
Tea	31,374	30,515	2.8	65,224	60,679	7.5
Tobacco & Its Prep.	32,464	30,946	4.9	606,373	575,141	5.4
Cotton	225,649	209,624	7.6	416,767	567,202	-26.5
Wine	250,020	225,145	11.0	832,004	772,153	7.8
Other	1,371,301	1,362,273	0.7	1,611,072	1,594,807	1.0
Livestock Products	909,705	935,247	-2.7	2,616,993	2,781,764	-5.9
Livestock, Poultry, Meat & Offal	295,527	309,189	-4.4	910,209	975,379	-6.7
Dairy Products	143,778	149,590	-3.9	532,352	606,922	-12.3
Feathers	24,489	20,932	17.0	198,711	150,975	31.6
Wool & Other Animal Hair	8,462	12,990	-34.9	75,861	113,040	-32.9
Hides, Skins & Their Prep.	166,479	186,416	-10.7	463,637	521,760	-11.1
Other	270,970	256,129	5.8	436,221	413,688	5.4
Fishery Products	541,347	483,906	11.9	1,186,798	1,113,892	6.5
Fishes & Their Prep.	179,333	160,520	11.7	412,086	370,150	11.3
Crustacea & Their Prep.	45,667	46,675	-2.2	204,244	203,013	0.6
Mollusca & Their Prep.	57,516	52,733	9.1	157,935	162,814	-3.0
Fish Meal for Feed	177,426	148,693	19.3	215,616	190,127	13.4
Other	81,404	75,285	8.1	196,918	187,787	4.9
Forestry Products	3,746,217	3,969,369	-5.6	1,626,627	1,822,546	-10.7
Wood & Its Prep.	3,567,801	3,781,179	-5.6	1,249,629	1,284,827	-2.7
Bamboo	7,742	5,948	30.2	1,829	1,158	58.0
Other	170,674	182,241	-6.3	375,169	536,561	-30.1



## **5. INDUSTRY**



5-1. Principal Mineral Reserves  
End of 2012

Ore	Locality	Unit	Reserves
Coal	Keelung, New Taipei, Taoyuan, Hsinchu, Miaoli, Nantou, Chiayi	1,000 m.t.	102,647
Gold	Ruifang, Jinguashi (New Taipei)	1,000 m.t.	5,800
Copper	Ruifang, Jinguashi (New Taipei), Qimei (Hualien)	1,000 m.t.	4,700
Pyrites	Qixingshan (Taipei), Jinguashi (New Taipei), Tananao (Yilan), Tongmen (Hualien)	1,000 m.t.	1,770
Placer Magnetite	Jinshan, Tansui (New Taipei), Chuwei (Taoyuan), Chiayi	m.t.	106,000
Limonite	Taoyuan, Hsinchu, Taichung, Qixingshan (Taipei)	m.t.	754,000
Manganese	Simaoshan (Yilan)	m.t.	300,000
Ilmenite (10%)	Tainan, Chiayi, Hsinchu, Taoyuan, New Taipei	m.t.	573,000
Zircon Ore (40%)	Tainan, Chiayi, Hsinchu	m.t.	71,500
Monazite (2%)	Tainan, Chiayi, Hsinchu	m.t.	45,000
Sulphur	Qixingshan (Taipei), Jinshan (New Taipei), Beitou (Taipei)	1,000 m.t.	1,088
Asbestos	Fengtian (Hualien)	m.t.	52,300
Dolomite	Hualien	1,000 m.t.	109,602
Marble	Yilan, Hualien, Taitung	million m.t.	296,999
Talc	Yilan, Hualien	1,000 m.t.	1,862
Bauxite	Taoyuan, Hsinchu, Taichung	1,000 m.t.	5,000
Limestone	Yilan, Hualien, Taitung, Kaohsiung, Tainan, Hsinchu	1,000 m.t.	326,767
Petroleum	Miaoli, Hsinchu, Bazhangxi, Chiayi, Shinying, Tainan	1,000 kl	254
Natural Gas	Miaoli, Hsinchu, Bazhangxi, Chiayi, Shinying, Tainan	million m3	5,521

Source: The data are provided by the Ministry of Economic Affairs, R.O.C.

5-2. Indices and Growth Rate of Industrial Production

Period	Indices (2011 = 100)						Annual Growth Rate (%)					
	General Index	Mining	Manufacturing	Electricity & Gas	Water	Housing & Bldg. Const.	General Index	Mining	Manufacturing	Electricity & Gas	Water	Housing & Bldg. Const.
1952	-	-	0.41	0.71	3.53	-	-	32.3	10.9	0.9	-	
1955	-	-	0.63	0.98	4.28	1.39	-	10.5	8.9	3.6	33.7	
1960	-	-	1.07	1.80	5.88	1.25	-	15.1	12.5	15.3	11.6	
1965	-	-	2.04	3.21	7.30	6.11	-	16.6	9.6	3.0	249.1	
1970	-	-	5.21	6.65	11.58	18.71	-	22.3	19.0	10.5	6.4	
1975	-	-	9.48	11.58	18.41	46.83	-	8.0	11.1	5.9	18.8	
1980	-	-	18.81	20.66	30.68	133.95	-	6.3	7.7	6.8	21.8	
1985	-	-	25.80	26.41	43.68	109.96	-	2.6	6.5	7.9	0.4	
1987	-	-	33.03	32.81	49.81	96.59	-	11.1	11.0	7.9	-3.0	
1988	-	-	34.23	35.73	53.92	114.51	-	3.6	8.9	8.3	18.6	
1989	-	-	35.47	36.87	57.78	121.82	-	3.6	3.2	7.2	6.4	
1990	-	-	35.22	39.45	61.08	122.58	-	-0.7	7.0	5.7	0.6	
1991	-	-	37.82	43.02	64.41	126.89	-	7.4	9.1	5.5	3.5	
1992	-	-	39.29	45.24	68.55	148.65	-	3.9	5.2	6.4	17.2	
1993	-	-	40.28	49.14	73.57	190.57	-	2.5	8.6	7.3	28.2	
1994	-	-	42.59	53.19	76.66	236.12	-	5.7	8.2	4.2	23.9	
1995	-	-	44.83	56.83	78.29	226.32	-	5.3	6.8	2.1	-4.2	
1996	49.19	182.06	46.03	64.15	78.01	186.80	-	2.7	12.9	-0.4	-17.5	
1997	52.22	181.97	49.36	68.25	80.02	156.62	6.2	-0.05	7.2	6.4	2.6	
1998	54.00	170.80	50.93	73.80	84.37	157.48	3.4	-6.1	3.2	8.1	5.4	
1999	57.97	157.10	54.89	76.21	87.94	167.89	7.4	-8.0	7.8	3.3	4.2	
2000	61.86	143.83	59.20	81.22	100.25	143.29	6.7	-8.5	7.9	6.6	14.0	
2001	56.66	144.90	53.86	81.82	102.46	127.26	-8.4	0.7	-9.0	0.7	2.2	
2002	60.88	157.15	58.67	85.72	97.12	100.97	7.5	8.5	8.9	4.8	-5.2	
2003	66.42	145.97	64.27	89.39	99.23	110.07	9.1	-7.1	9.5	4.3	2.2	
2004	72.59	140.32	70.68	92.38	98.95	115.33	9.3	-3.9	10.0	3.3	-0.3	
2005	75.00	127.09	72.94	96.29	99.48	128.46	3.3	-9.4	3.2	4.2	0.5	
2006	78.60	120.75	76.30	98.69	102.31	140.05	4.8	-5.0	4.6	2.5	2.8	
2007	84.70	100.25	82.66	101.59	102.59	139.37	7.8	-17.0	8.3	2.9	0.3	
2008	83.73	95.68	81.92	99.64	100.76	126.46	-1.2	-4.6	-0.9	-1.9	-1.8	
2009	77.11	87.63	75.53	96.98	98.47	102.33	-7.9	-8.4	-7.8	-2.7	-2.3	
2010	95.75	107.67	95.52	99.38	99.80	92.95	24.2	22.9	26.5	2.5	1.4	
2011	100.00	100.00	100.00	100.00	100.00	100.00	4.4	-7.1	4.7	0.6	0.2	
2012	99.75	97.27	99.68	99.18	99.40	107.12	-0.3	-2.7	-0.3	-0.8	-0.6	

Source: See Table 5-1.

5-3a. Indices of Industrial Production by Light and Heavy Industry

Period	Manufacturing Index		Food	Beverages	Tobacco	Textiles	Wearing Apparel	Leather	Wood & Bamboo Products	Furniture	Pulp, Paper & Paper Products
	Heavy Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.
<b>I. Index (Base: 2011 = 100)</b>											
2000	49.14	119.63	103.48	101.66	98.9	167.62	428.42	228.49	216.83	210.81	95.54
2002	50.69	106.18	101.00	74.71	91.0	144.54	287.18	185.80	167.79	121.07	91.62
2003	57.08	106.75	99.68	77.44	96.2	137.73	255.90	180.46	153.78	107.62	100.77
2004	64.10	109.07	97.06	75.67	76.5	140.90	235.41	183.92	147.19	114.17	104.56
2005	67.27	105.70	98.59	76.89	80.8	123.19	197.39	176.91	132.96	109.63	103.73
2006	71.72	102.34	98.21	78.28	76.1	119.26	178.26	154.35	128.29	109.49	97.02
2007	79.17	101.84	97.02	78.16	80.3	118.68	160.64	137.20	115.43	113.91	99.62
2008	79.14	96.83	93.90	78.45	82.4	106.53	133.21	122.63	102.87	106.14	96.39
2009	72.92	89.57	93.85	83.66	86.9	94.92	105.78	108.74	84.96	85.95	94.20
2010	94.76	99.60	99.30	91.59	89.9	106.55	115.41	119.44	94.23	100.30	99.57
2011	100.00	100.00	100.00	100.00	100.0	100.00	100.00	100.00	100.00	100.00	100.00
2012	99.70	99.57	100.68	102.49	105.6	96.85	89.00	93.95	99.95	102.09	99.90
<b>II. Annual Growth Rate (%)</b>											
2001	-8.8	-9.6	0.0	-0.5	5.5	-11.4	-23.7	-21.9	-8.0	-31.5	-9.0
2003	12.6	0.5	-1.3	3.7	5.7	-4.7	-10.9	-2.9	-8.4	-11.1	10.0
2004	12.3	2.2	-2.6	-2.3	-20.5	2.3	-8.0	1.9	-4.3	6.1	3.8
2005	5.0	-3.1	1.6	1.6	5.7	-12.6	-16.2	-3.8	-9.7	-4.0	-0.8
2006	6.6	-3.2	-0.4	1.8	-5.8	-3.2	-9.7	-12.8	-3.5	-0.1	-6.5
2007	10.4	-0.5	-1.2	-0.2	5.6	-0.5	-9.9	-11.1	-10.0	4.0	2.7
2008	0.0	-4.9	-3.2	0.4	2.6	-10.2	-17.1	-10.6	-10.9	-6.8	-3.2
2009	-7.9	-7.5	-0.1	6.6	5.5	-10.9	-20.6	-11.3	-17.4	-19.0	-2.3
2010	30.0	11.2	5.8	9.5	3.4	12.3	9.1	9.8	10.9	16.7	5.7
2011	5.5	0.4	0.7	9.2	11.3	-6.2	-13.4	-16.3	6.1	-0.3	0.4
2012	-0.3	-0.4	0.7	2.5	5.6	-3.2	-11.0	-6.1	-0.1	2.1	-0.1

Source: See Table 5-1.

## 5-3b. Indices of Industrial Production by Light and Heavy Industry (Continued)

Period	Printing Processings	Chemical Materials	Chemical Products		Rubber Products		Plastic Products	Non-metallic Mineral Products		Basic Metals	Metal Products	Electronic Components & Accessories
	Light Ind.	Heavy Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Heavy Ind.	Heavy Ind.
<b>I. Index (Base: 2011 = 100)</b>												
2000	72.31	62.65	83.86	104.24	75.26	86.93	130.21	89.59	116.02	80.68	105.84	22.38
2002	71.34	73.64	72.23	98.75	82.20	85.32	123.70	99.60	94.66	81.11	93.22	22.21
2003	82.84	79.88	75.55	102.10	95.48	89.14	124.20	99.13	101.21	84.63	94.97	27.75
2004	93.17	85.21	79.35	111.55	100.52	98.10	126.10	101.04	107.08	89.19	98.16	33.47
2005	101.23	85.07	81.10	104.52	99.55	92.01	118.83	100.59	105.05	84.61	94.88	41.69
2006	98.89	87.49	85.57	104.12	95.65	89.65	111.31	100.65	102.18	91.99	96.11	51.55
2007	99.47	98.67	86.15	101.71	101.12	93.76	111.47	104.46	97.56	93.41	95.51	63.47
2008	99.88	91.88	87.09	90.36	91.56	95.52	101.38	97.39	89.91	86.10	92.13	69.61
2009	90.19	98.54	80.70	85.88	82.53	75.74	86.67	78.76	80.60	75.23	72.05	67.87
2010	98.60	107.00	99.52	97.63	105.05	97.33	98.96	91.61	94.88	96.06	91.26	96.73
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	93.54	102.79	96.75	99.16	94.52	95.57	99.67	94.17	95.11	95.98	96.31	105.37
<b>II. Annual Growth Rate (%)</b>												
2001	-2.2	7.8	-16.0	-10.4	-4.4	-11.9	-8.8	-0.3	-16.2	-9.3	-14.6	-19.5
2003	16.1	8.5	4.6	3.4	16.2	4.5	0.4	-0.5	6.9	4.3	1.9	24.9
2004	12.5	6.7	5.0	9.3	5.3	10.1	1.5	1.9	5.8	5.4	3.4	20.6
2005	8.7	-0.2	2.2	-6.3	-1.0	-6.2	-5.8	-0.5	-1.9	-5.1	-3.3	24.6
2006	-2.3	2.8	5.5	-0.4	-3.9	-2.6	-6.3	0.1	-2.7	8.7	1.3	23.7
2007	0.6	12.8	0.7	-2.3	5.7	4.6	0.1	3.8	-4.5	1.5	-0.6	23.1
2008	0.4	-6.9	1.1	-11.2	-9.5	1.9	-9.1	-6.8	-7.8	-7.8	-3.5	9.7
2009	-9.7	7.3	-7.3	-5.0	-9.9	-20.7	-14.5	-19.1	-10.4	-12.6	-21.8	-2.5
2010	9.3	8.6	23.3	13.7	27.3	28.5	14.2	16.3	17.7	27.7	26.7	42.5
2011	1.4	-6.5	0.5	2.4	-4.8	2.7	1.1	9.2	5.4	4.1	9.6	3.4
2012	-6.5	2.8	-3.3	-0.8	-5.5	-4.4	-0.3	-5.8	-4.9	-4.0	-3.7	5.4

5-3c. Indices of Industrial Production by Light and Heavy Industry (Continued)

Period	Machinery & Equipment		Computer, Communication, Audio & Video Equipment		Electrical & Electronic Machinery and Equipment		Transportation Equipment		Medicine		Miscellaneous Industries	
	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.
I. Index (Base: 2011 = 100)												
2000	65.17	62.98	47.57	126.98	125.09	150.57	81.97	64.26	-	85.36	3.20	112.01
2002	59.00	72.37	51.43	143.88	116.11	121.35	81.40	42.52	-	79.21	4.25	101.19
2003	65.10	72.35	54.68	273.14	121.61	122.66	85.80	43.33	-	85.47	6.26	101.95
2004	74.48	93.75	56.44	360.00	125.15	120.15	106.82	51.20	74.82	91.38	9.34	102.65
2005	77.56	90.85	56.55	264.58	117.16	111.20	115.43	64.11	64.19	91.47	16.88	102.08
2006	81.18	88.77	52.79	255.80	109.16	99.99	108.36	64.17	67.75	91.22	30.37	97.29
2007	88.97	87.01	57.40	150.40	101.53	99.79	120.09	73.22	77.32	94.78	38.17	99.33
2008	83.80	79.70	59.81	90.48	95.92	92.35	129.61	89.43	78.98	96.95	44.98	97.10
2009	56.89	89.01	50.58	69.16	80.47	79.91	93.44	73.05	83.14	103.61	55.58	87.53
2010	91.65	90.21	71.37	100.75	99.25	93.94	98.59	92.81	94.42	104.17	76.82	101.82
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	90.84	93.42	87.30	100.28	93.36	112.59	105.47	103.80	103.65	103.56	115.50	101.77
II. Annual Growth Rate (%)												
2001	-16.8	-13.1	0.6	-18.1	-17.3	-11.0	-5.7	-32.9	-	-3.4	-8.4	-12.6
2003	10.3	0.0	6.3	89.8	4.7	1.1	5.4	1.9	-	7.9	47.3	0.8
2004	14.4	29.6	3.2	31.8	2.9	-2.1	24.5	18.2	-	6.9	49.2	0.7
2005	4.1	-3.1	0.2	-26.5	-6.4	-7.5	8.1	25.2	-14.2	0.1	80.7	-0.6
2006	4.7	-2.3	-6.7	-3.3	-6.8	-10.1	-6.1	0.1	5.6	-0.3	79.9	-4.7
2007	9.6	-2.0	8.7	-41.2	-7.0	-0.2	10.8	14.1	14.1	3.9	25.7	2.1
2008	-5.8	-8.4	4.2	-39.8	-5.5	-7.5	7.9	22.1	2.2	2.3	17.8	-2.3
2009	-32.1	11.7	-15.4	-23.6	-16.1	-13.5	-27.9	-18.3	5.3	6.9	23.6	-9.9
2010	61.1	1.4	41.1	45.7	23.3	17.6	5.5	27.1	13.6	0.5	38.2	16.3
2011	9.1	10.9	40.1	-0.7	0.8	6.5	1.4	7.8	5.9	-4.0	30.2	-1.8
2012	-9.2	-6.6	-12.7	0.3	-6.6	12.6	5.5	3.8	3.7	3.6	15.5	1.8

5-4a. Output of Principal Industrial Products

Period	Electric Power	Wheat Flour	Transistor	Plastic Cases	Paper	Cement	Bicycles	Motorcycles	Polyester Filament	Polystyrene
	million kWh	MT	1,000 pcs.	NT\$M	MT	1,000 MT	sets	sets	MT	MT
1952	1,420	16,026	-	-	-	446	-	-	-	-
1955	1,966	133,362	-	-	-	590	-	-	-	-
1960	3,628	189,819	-	-	-	1,183	-	-	-	-
1965	6,455	256,557	-	-	-	2,511	-	56,046	-	-
1970	13,213	330,414	-	-	-	4,541	-	131,124	-	-
1975	22,894	425,919	-	-	-	6,795	-	319,260	-	-
1980	40,813	416,069	-	-	-	14,062	-	723,612	-	-
1985	52,553	519,991	695,843	5,426	446,672	14,418	8,101,186	655,570	374,588	138,151
1988	73,119	620,466	1,086,984	9,864	673,347	17,281	8,102,958	1,079,358	540,587	238,133
1989	80,263	619,343	1,093,900	11,136	639,441	18,043	7,952,671	1,101,990	596,820	319,907
1990	86,129	621,624	1,155,856	10,912	679,442	18,458	8,184,704	1,055,297	675,693	290,931
1991	94,648	629,286	1,426,981	10,656	723,859	19,399	8,780,030	1,174,083	754,205	480,801
1992	100,529	635,375	1,769,803	12,148	779,910	21,464	8,073,803	1,345,041	902,644	527,551
1993	109,873	653,720	1,901,285	12,126	795,550	23,971	8,260,435	1,501,973	1,033,172	592,968
1994	119,008	682,307	2,462,251	15,468	875,053	22,722	7,914,259	1,633,336	1,178,925	626,235
1995	126,988	711,259	2,940,265	15,363	895,633	22,478	8,039,142	1,695,064	1,248,582	671,459
1996	135,042	707,930	2,884,834	18,397	789,563	21,537	7,824,108	1,414,219	1,297,770	807,759
1997	143,154	761,551	3,450,267	18,111	906,593	21,522	7,672,312	1,510,394	1,429,010	780,368
1998	155,434	745,886	2,886,561	18,046	910,552	19,652	9,042,851	1,268,969	1,614,849	764,224
1999	160,764	738,221	3,858,959	17,652	913,817	18,283	7,228,259	1,138,978	1,671,322	764,647
2000	174,572	785,492	4,217,018	17,627	888,707	17,572	7,193,194	1,123,163	1,632,139	710,862
2001	177,786	784,254	2,345,105	14,902	803,556	18,128	4,746,535	871,696	1,584,080	865,953
2002	187,111	781,230	3,593,797	17,176	845,594	19,363	4,674,604	848,701	1,716,498	847,959
2003	197,041	798,050	4,076,149	19,638	835,018	18,474	4,615,954	1,138,457	1,617,519	858,104
2004	205,696	796,735	4,574,117	22,219	837,179	19,050	4,948,505	1,222,736	1,584,981	817,390
2005	214,250	801,643	5,240,349	21,523	846,945	19,891	4,867,944	1,230,045	1,314,180	830,251
2006	222,087	784,320	7,412,785	19,006	862,963	19,294	4,415,365	1,171,731	1,233,042	740,561
2007	229,154	811,021	8,997,983	18,265	878,173	18,957	5,125,628	1,198,000	1,263,495	846,257
2008	225,283	708,516	9,110,858	19,632	795,042	17,330	6,144,069	1,305,316	1,035,991	690,178
2009	217,483	793,745	7,859,296	15,664	760,973	15,918	4,793,394	807,770	1,024,843	836,920
2010	233,503	796,902	15,448,756	21,574	770,189	16,301	5,142,914	844,995	1,081,200	912,076
2011	238,632	766,285	16,933,373	29,134	747,967	16,852	4,555,289	935,366	898,867	865,164
2012	237,289	819,224	18,541,241	30,528	725,168	15,808	4,564,330	897,636	857,883	831,066

Source: See Table 5-1.

5-4b. Output of Principal Industrial Products (Continued)

Period	TFT-LCD Panels	Portable Computers	Network Cards	Global Positioning Systems	IC Packages	IC Manufacture	Foundry Wafers	Computer Disks	Printed Circuit Boards
	1000 sets	sets	pcs.	sets	1,000 pcs.	1,000 pcs.	1,000 pcs.	1,000 pcs.	1000 sq. ft.
1952	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	1,380,340	-	-	-	15,105
1988	-	45,000	-	-	2,496,347	-	-	-	31,626
1989	-	134,000	-	-	3,330,462	-	1,980	-	37,612
1990	-	217,233	-	-	4,105,441	-	2,244	-	47,301
1991	-	534,012	-	-	4,399,646	-	2,525	-	54,657
1992	-	861,750	-	-	6,425,003	-	2,666	-	64,242
1993	-	977,776	-	-	7,893,384	-	3,482	-	83,253
1994	-	1,341,525	4,628,120	-	5,641,426	1,654,831	5,096	5,909	113,729
1995	-	2,269,530	5,298,920	-	6,561,889	1,996,124	4,478	13,319	164,104
1996	-	3,785,944	8,540,008	-	6,627,320	2,563,969	3,488	21,726	195,497
1997	-	4,669,065	18,373,984	-	8,739,880	4,236,359	4,124	76,579	257,560
1998	-	7,020,283	22,822,523	-	10,392,090	3,864,414	3,376	424,930	318,029
1999	-	9,952,710	29,387,118	1,298,456	11,215,603	2,468,119	4,762	2,291,457	367,093
2000	10,400	13,059,784	43,237,280	1,723,102	13,791,059	3,146,907	7,196	5,002,594	449,991
2001	23,184	14,130,083	44,174,941	1,363,856	9,622,822	2,723,630	5,928	7,001,310	382,152
2002	48,336	14,346,492	41,497,633	1,860,016	13,154,668	2,662,479	6,755	7,626,154	480,160
2003	57,280	10,344,208	31,381,776	3,309,852	16,802,245	2,800,841	8,399	9,246,060	562,183
2004	89,327	6,628,142	28,421,670	4,217,204	20,909,337	3,266,831	9,845	10,313,794	559,392
2005	160,886	4,415,887	26,872,056	5,776,703	22,774,921	3,181,924	10,538	10,411,874	641,844
2006	338,213	3,050,526	24,118,814	5,891,770	27,126,310	3,684,096	13,353	11,723,013	685,488
2007	542,240	1,256,527	11,398,721	17,678,830	32,087,207	5,033,385	15,501	11,176,108	684,337
2008	535,223	754,260	7,683,964	21,080,735	33,560,272	6,006,270	15,825	9,469,969	698,627
2009	811,286	373,964	8,998,386	20,294,667	35,472,726	4,756,114	14,508	9,279,881	710,392
2010	1,432,729	327,551	10,135,982	20,658,859	48,899,799	7,407,779	21,547	8,859,285	1,050,800
2011	1,718,782	3,265,055	7,135,103	20,438,380	50,552,332	7,867,872	20,549	7,523,793	1,106,580
2012	1,980,005	736,710	7,024,553	18,143,225	56,137,208	7,310,183	21,719	6,901,636	1,178,944

5-5a. Installed Capacity and Operation of the Power System (1)  
Total System (Hydro, Thermal, Nuclear, Wind and Solar)

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
1952	331,545	231,675	156,975	50.8	4,594
1955	493,414	336,113	224,470	50.1	4,385
1960	709,191	635,224	413,019	58.1	5,104
1965	1,186,196	1,066,225	736,921	63.6	5,574
1970	2,720,261	2,131,400	1,508,300	61.4	5,377
1975	5,300,394	3,765,200	2,613,400	53.0	4,654
1980	9,055,705	6,702,700	4,646,292	55.3	4,904
1985	15,969,794	8,716,300	5,999,518	42.5	3,573
1988	16,588,934	12,330,600	8,155,828	51.3	4,342
1989	16,593,554	13,421,700	8,779,613	55.0	4,654
1990	16,882,874	14,510,500	9,400,651	58.4	4,936
1991	18,382,874	15,320,700	10,232,816	59.9	5,057
1992	19,246,805	16,703,900	10,688,144	59.6	5,031
1993	19,354,725	17,666,200	11,619,168	61.7	5,201
1994	20,983,225	18,610,200	12,588,625	63.2	5,345
1995	21,897,970	19,932,900	13,454,251	63.7	5,372
1996	23,762,670	21,761,500	14,227,337	63.0	5,323
1997	25,735,412	22,237,000	15,096,765	62.2	5,200
1998	26,679,782	23,829,800	16,320,113	63.9	5,401
1999	28,480,432	24,205,700	16,639,433	61.4	5,173
2000	29,634,482	25,854,200	17,817,780	61.0	5,140
2001	30,136,062	26,289,800	18,043,197	60.1	5,045
2002	31,915,412	27,116,500	18,938,502	60.5	5,064
2003	33,289,562	28,593,700	19,841,358	60.9	5,090
2004	34,598,032	29,034,300	20,633,553	58.1	4,875
2005	36,121,604	30,942,900	21,651,023	60.7	5,086
2006	37,371,204	32,060,400	22,439,183	60.3	5,047
2007	38,081,524	32,790,800	23,042,916	60.3	5,051
2008	38,633,628	31,320,200	22,796,097	59.0	4,962
2009	40,247,048	31,010,700	22,101,056	55.0	4,610
2010	40,912,406	33,022,600	23,674,056	58.0	4,871
2011	41,400,699	33,786,900	24,319,881	59.2	4,981
2012	40,976,907	33,081,400	24,101,571	58.7	5,034

(1) Excluding generating capacity provided by private-sector firms.

(2) Since 1999, including IPPs and hydro power plants entrusted by local government to Taipower for operation.

5-5b. Installed Capacity and Operation of the Power System (Continued)

I. Hydro

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
1952	276,615	224,574	136,085	53.8	4,865
1955	351,365	318,940	174,780	50.6	4,436
1960	448,215	441,492	235,073	52.4	4,599
1965	628,470	524,052	295,165	47.0	4,114
1970	901,170	740,600	324,800	44.1	3,865
1975	1,364,970	1,416,000	597,500	43.7	3,791
1980	1,385,570	1,186,500	330,749	23.8	2,093
1985	2,489,165	1,832,900	787,734	36.7	3,204
1988	2,557,975	2,240,000	698,146	27.4	2,397
1989	2,562,295	2,529,200	760,105	29.7	2,602
1990	2,561,795	2,373,300	932,232	36.5	3,187
1991	2,561,795	2,247,000	626,265	24.5	2,142
1992	2,576,665	2,338,500	947,873	37.1	3,249
1993	2,575,985	3,152,100	764,380	29.8	2,599
1994	3,648,485	3,475,300	1,012,002	29.3	2,556
1995	4,183,430	3,745,800	1,011,195	25.5	2,224
1996	4,288,430	3,758,400	1,027,072	24.2	2,121
1997	4,288,430	3,615,300	1,089,386	25.5	2,225
1998	4,421,900	3,782,600	1,208,175	28.0	2,345
1999	4,421,900	3,722,100	1,017,956	23.1	2,017
2000	4,421,900	3,126,600	1,006,758	22.8	2,000
2001	4,421,900	3,110,700	1,043,152	23.7	2,067
2002	4,510,650	2,109,700	725,789	16.3	1,419
2003	4,510,650	2,381,600	783,499	17.5	1,522
2004	4,509,670	2,228,900	742,729	16.5	1,446
2005	4,511,650	2,331,200	899,717	20.0	1,748
2006	4,511,650	2,405,500	909,834	20.2	1,767
2007	4,523,170	2,181,900	950,051	21.0	1,842
2008	4,539,874	2,324,184	806,736	17.9	1,563
2009	4,538,894	2,074,069	801,261	17.7	1,546
2010	4,579,364	2,067,100	823,741	18.2	1,586
2011	4,642,671	1,890,000	783,606	17.2	1,497
2012	4,683,271	2,249,700	975,899	21.1	1,843

5-5c. Installed Capacity and Operation of the Power System (Continued)

II. Thermal

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
1952	54,930	47,086	20,890	37.1	3,352
1955	142,049	110,496	49,690	48.1	4,209
1960	260,976	263,049	177,946	68.0	5,974
1965	557,726	567,672	441,756	83.4	7,307
1970	1,819,091	1,618,900	1,183,500	68.8	6,023
1975	3,935,424	2,928,700	2,015,900	56.5	4,951
1980	6,398,135	5,181,200	3,426,190	59.7	5,240
1985	8,336,629	4,986,500	2,067,315	28.3	2,343
1988	8,886,959	7,426,900	4,111,244	48.7	4,064
1989	8,887,259	8,009,400	4,925,875	57.9	4,855
1990	9,177,079	7,869,700	4,866,362	56.3	4,702
1991	10,677,079	9,103,000	5,739,174	59.4	4,998
1992	11,526,140	10,231,700	6,043,680	57.7	4,842
1993	11,634,740	10,699,500	7,089,240	62.4	5,242
1994	12,190,740	10,851,400	7,754,663	67.0	5,659
1995	12,570,540	12,569,800	8,569,706	70.0	5,899
1996	14,330,240	13,225,100	9,063,976	67.3	5,668
1997	16,302,982	14,505,200	10,029,567	66.4	5,503
1998	17,113,882	15,534,900	11,069,949	67.8	5,696
1999	18,914,532	16,550,900	11,408,336	64.0	5,378
2000	20,068,582	18,413,000	12,599,222	63.3	5,312
2001	20,570,162	19,417,200	13,107,523	63.3	5,294
2002	22,258,362	20,482,000	12,912,670	63.2	5,268
2003	23,632,512	22,079,500	13,616,046	63.8	5,308
2004	24,939,562	23,343,500	14,090,752	59.5	4,980
2005	26,448,194	24,712,400	14,902,048	62.3	5,197
2006	27,617,994	25,595,700	15,773,162	61.6	5,143
2007	28,232,794	26,198,100	16,246,388	61.3	5,116
2008	28,703,794	25,165,794	16,261,305	59.9	5,018
2009	30,194,294	24,732,589	15,346,043	54.5	4,555
2010	30,717,054	26,741,100	17,078,765	58.5	4,901
2011	31,046,780	27,767,700	18,731,142	63.6	5,341
2012	30,448,780	26,415,000	18,513,280	62.6	5,272

Note: Excluding wind power since 2002.

5-5d. Installed Capacity and Operation of the Power System (Continued)

III. Nuclear

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
1977	636,000	284,000	10,435	9.8	862
1980	1,272,000	1,192,400	889,353	69.9	6,142
1985	5,144,000	4,238,500	3,144,469	67.9	5,707
1987	5,144,000	4,856,200	3,630,028	73.5	6,182
1988	5,144,000	4,701,000	3,346,438	67.8	5,714
1989	5,144,000	4,551,000	3,093,632	62.6	5,268
1990	5,144,000	4,772,000	3,602,057	72.9	6,134
1991	5,144,000	4,828,000	3,867,376	78.3	6,586
1992	5,144,000	4,852,000	3,696,590	74.9	6,312
1993	5,144,000	4,784,000	3,765,548	76.2	6,413
1994	5,144,000	4,878,000	3,821,960	77.4	6,509
1995	5,144,000	4,879,400	3,873,348	78.4	6,596
1996	5,144,000	4,918,100	4,136,288	83.6	7,063
1997	5,144,000	4,928,200	3,977,812	80.5	6,774
1998	5,144,000	4,901,000	4,041,989	81.8	6,883
1999	5,144,000	4,870,600	4,213,133	85.3	7,175
2000	5,144,000	4,951,000	4,211,800	85.2	7,912
2001	5,144,000	4,925,700	3,892,007	78.8	6,628
2002	5,144,000	4,879,500	4,338,960	87.8	7,389
2003	5,144,000	4,946,000	4,266,106	86.3	7,265
2004	5,144,000	4,946,000	4,319,063	87.4	7,375
2005	5,144,000	4,918,200	4,384,005	88.7	7,466
2006	5,144,000	4,951,200	4,374,042	88.5	7,449
2007	5,144,000	4,980,700	4,447,577	90.0	7,574
2008	5,144,000	4,974,230	4,469,542	90.4	7,632
2009	5,144,000	5,026,300	4,564,045	92.3	7,772
2010	5,144,000	5,028,400	4,569,466	92.4	7,782
2011	5,144,000	5,063,000	4,625,825	93.5	7,878
2012	5,144,000	5,076,300	4,427,059	89.5	7,560

5-5e. Installed Capacity and Operation of the Power System (Continued)

IV. Wind

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
2001	2,400	-	514	21.4	1,877
2002	2,400	-	898	37.4	3,280
2003	2,400	-	1,118	46.7	4,081
2004	4,800	-	1,457	56.2	4,922
2005	17,760	-	9,029	81.1	7,097
2006	97,560	-	30,446	42.4	3,691
2007	181,560	148,400	49,126	34.9	3,033
2008	245,960	295,344	68,577	29.1	2,555
2009	369,860	316,166	96,824	28.3	2,481
2010	471,460	451,800	116,650	28.5	2,492
2011	472,200	515,500	174,960	34.7	3,041
2012	566,560	557,700	169,572	31.0	2,719

V. Solar

Period	Installed Capacity (kW)	System Peak Load (kW)	System Average Load (kW)	Capacity Factor	Power Generation (kWh) per Installed kW (2)
2008	-	200	43	-	-
2009	-	409	134	-	-
2010	528	3,200	714	-	-
2011	44,388	26,200	4,349	-	-
2012	134,296	48,800	15,762	-	-

5-6a. Power Generation and Consumption

Period	Power Generation						Power Consumption (2)			Loss
	Total	Hydro	Thermal	Nuclear	Wind	Solar	Total (1)	Industry	Residential & Commercial Customers	
I. Amount (million kWh)										
1952	1,420	1,231	189	-	-	-	1,076	817	259	344
1955	1,966	1,531	435	-	-	-	1,497	1,156	341	469
1960	3,628	2,065	1,563	-	-	-	3,136	2,545	591	492
1965	6,455	2,585	3,870	-	-	-	5,672	4,557	1,115	783
1970	13,213	2,846	10,367	-	-	-	11,964	9,242	2,722	1,197
1975	22,894	5,235	17,659	-	-	-	21,217	16,095	5,122	1,625
1980	40,813	2,905	30,096	7,812	-	-	37,947	28,816	9,131	2,786
1985	52,556	6,900	18,110	27,546	-	-	47,919	34,927	12,992	2,873
1988	71,641	6,133	36,113	29,395	-	-	65,228	47,030	18,198	3,885
1989	76,909	6,658	43,151	27,100	-	-	69,252	49,210	20,042	4,812
1990	82,350	8,167	42,629	31,554	-	-	74,345	51,841	22,504	5,355
1991	89,639	5,486	50,275	33,878	-	-	80,977	55,717	25,260	6,042
1992	93,885	8,326	53,088	32,471	-	-	85,290	58,041	27,249	5,886
1993	101,784	6,696	62,102	32,986	-	-	92,085	61,156	30,929	5,915
1994	110,276	8,865	67,931	33,480	-	-	98,561	65,214	33,347	6,435
1995	117,859	8,858	75,071	33,930	-	-	105,368	68,931	36,437	6,848
1996	124,973	9,022	79,618	36,333	-	-	111,140	72,114	39,026	7,670
1997	132,248	9,543	87,859	34,846	-	-	118,299	78,238	40,061	7,820
1998	142,964	10,584	96,972	35,408	-	-	128,130	83,049	45,081	8,658
1999	145,761	8,917	99,937	36,907	-	-	131,726	86,844	44,882	8,622
2000	156,511	8,843	110,672	36,996	-	-	142,413	94,768	47,645	8,735
2001	158,058	9,138	114,820	34,094	6	-	143,623	94,807	48,816	8,610
2002	165,901	6,358	121,526	38,009	8	-	151,193	100,435	50,758	9,417
2003	173,810	6,863	129,566	37,371	10	-	159,380	106,043	53,336	8,751
2004	181,245	6,524	136,769	37,939	13	-	167,478	113,293	54,185	8,937
2005	189,663	7,885	143,295	38,404	79	-	175,293	117,648	57,645	9,036
2006	196,567	7,970	150,014	38,317	267	-	181,593	123,598	57,996	9,539
2007	201,856	8,322	154,142	38,960	430	-	187,075	128,226	58,848	9,590
2008	200,241	7,742	152,636	39,260	602	0.38	186,931	128,644	58,288	9,171
2009	193,605	7,019	145,756	39,981	848	1.18	179,239	121,348	57,890	9,418
2010	207,385	7,216	159,112	40,029	1,022	6.25	193,313	134,135	59,179	9,669
2011	213,042	6,864	164,085	40,522	1,533	38.10	198,637	138,161	60,476	10,149
2012	211,708	8,572	162,621	38,887	1,490	138.46	198,637	139,134	59,256	9,360

(1) Excluding Taipower use in consumption since 1970. (2) Including irrigation.

Source: See Table 5-7a.

5-6b. Power Generation and Consumption (Continued)

Period	Power Generation						Power Consumption			Loss of total power generation (%)
	Total	Hydro	Thermal	Nuclear	Wind	Solar	Total	Industry	Residential & Commercial Customers	
II. Percentage (%)										
1952	100.0	86.7	13.3	-	-	-	100.0	75.9	24.1	24.2
1955	100.0	77.9	22.1	-	-	-	100.0	77.3	22.7	23.9
1960	100.0	56.9	43.1	-	-	-	100.0	81.2	18.8	13.6
1965	100.0	40.1	59.9	-	-	-	100.0	80.3	19.7	12.1
1970	100.0	21.5	78.5	-	-	-	100.0	77.2	22.8	9.1
1975	100.0	22.9	77.1	-	-	-	100.0	75.9	24.1	7.1
1980	100.0	7.1	73.7	19.2	-	-	100.0	75.9	24.1	6.8
1985	100.0	13.1	34.5	52.4	-	-	100.0	72.9	27.1	5.5
1988	100.0	8.6	50.4	41.0	-	-	100.0	72.1	27.9	5.4
1989	100.0	8.7	56.1	35.2	-	-	100.0	71.1	28.9	6.3
1990	100.0	9.9	51.8	38.3	-	-	100.0	69.7	30.3	6.5
1991	100.0	6.1	56.1	37.8	-	-	100.0	68.8	31.2	6.7
1992	100.0	8.9	56.5	34.6	-	-	100.0	68.1	31.9	6.3
1993	100.0	6.6	61.0	32.4	-	-	100.0	66.4	33.6	5.8
1994	100.0	8.0	61.6	30.4	-	-	100.0	66.2	33.8	6.0
1995	100.0	7.5	63.7	28.8	-	-	100.0	65.4	34.6	5.8
1996	100.0	7.2	63.7	29.1	-	-	100.0	64.9	35.1	6.1
1997	100.0	7.2	66.4	26.3	-	-	100.0	66.1	33.9	5.9
1998	100.0	7.4	67.8	24.8	-	-	100.0	64.8	35.2	6.1
1999	100.0	6.1	68.6	25.3	-	-	100.0	65.9	34.1	5.9
2000	100.0	5.7	70.7	23.6	-	-	100.0	66.5	33.5	5.6
2001	100.0	5.8	72.6	21.6	0.004	-	100.0	66.0	34.0	5.4
2002	100.0	3.8	73.3	22.9	0.005	-	100.0	66.4	33.6	5.7
2003	100.0	3.9	74.5	21.5	0.006	-	100.0	66.5	33.5	5.0
2004	100.0	3.6	75.5	20.9	0.007	-	100.0	67.6	32.4	4.9
2005	100.0	4.2	75.6	20.2	0.042	-	100.0	67.1	32.9	4.8
2006	100.0	4.1	76.3	19.5	0.136	-	100.0	68.1	31.9	4.9
2007	100.0	4.1	76.4	19.3	0.213	-	100.0	68.5	31.5	4.8
2008	100.0	3.9	76.2	19.6	0.301	0.0002	100.0	68.8	31.2	4.6
2009	100.0	3.6	75.3	20.7	0.438	0.0006	100.0	67.7	32.3	4.9
2010	100.0	3.5	76.7	19.3	0.493	0.0030	100.0	69.4	30.6	4.7
2011	100.0	3.2	77.0	19.0	0.719	0.0179	100.0	69.6	30.4	4.8
2012	100.0	4.0	76.8	18.4	0.704	0.0654	100.0	70.1	29.9	4.4

### 5-7. Power Consumption by Industry

Unit: million kWh

Period	Total (1)	Mining	Food	Textiles	Chemicals	Ceramics	Metals & Machinery	Others
1955	1,111	78	111	80	434	35	285	88
1960	2,481	177	202	165	1,001	113	603	220
1965	4,392	296	337	318	1,620	316	1,023	482
1970	9,011	292	630	1,069	3,009	716	1,920	1,375
1975	15,803	339	814	2,629	5,070	1,124	3,136	2,691
1980	28,081	620	1,262	3,874	7,957	2,469	6,843	5,056
1985	33,802	519	1,596	5,014	9,607	2,560	6,891	7,615
1986	38,487	268	1,821	5,668	10,768	2,778	8,439	8,745
1987	41,873	235	1,996	6,084	11,241	2,948	9,274	10,095
1988	45,222	209	2,164	6,355	11,790	3,327	10,007	11,370
1989	47,464	182	2,223	6,419	11,810	3,523	10,943	12,364
1990	50,231	171	2,372	6,304	12,449	3,620	11,799	13,516
1991	53,957	177	2,575	6,709	12,680	3,768	13,005	15,043
1992	56,371	191	2,647	6,654	12,479	4,032	13,998	16,370
1993	59,286	204	2,759	6,591	12,655	4,318	14,657	18,102
1994	63,308	213	2,851	6,952	13,385	4,442	15,628	19,837
1995	66,889	210	2,924	6,844	13,986	4,373	17,414	21,138
1996	69,891	184	2,959	7,103	13,942	4,174	18,928	22,601
1997	75,974	190	2,928	7,471	14,440	4,158	22,545	24,242
1998	80,985	353	2,889	8,123	17,090	4,096	25,103	23,331
1999	84,700	334	2,861	8,375	17,474	3,958	27,473	24,225
2000	92,506	319	3,004	8,640	17,808	3,847	32,137	26,751
2001	92,565	293	2,989	8,083	17,557	3,718	32,597	27,328
2002	98,109	367	3,102	8,315	18,038	3,843	35,926	28,518
2003	103,627	431	3,191	8,133	18,829	3,905	39,166	29,972
2004	113,293	444	3,261	8,016	19,357	4,295	43,849	34,071
2005	117,648	443	3,304	7,296	19,053	4,656	47,721	35,175
2006	123,598	453	3,321	7,056	19,211	4,962	51,832	36,763
2007	128,226	462	3,380	6,891	20,157	5,019	55,110	37,207
2008	128,644	380	3,309	6,367	19,647	4,851	56,565	37,525
2009	121,348	338	3,325	5,711	19,334	4,342	52,169	36,130
2010	134,135	419	3,494	6,236	21,454	4,908	60,574	37,050
2011	138,161	435	3,560	6,029	21,492	5,493	64,207	36,945
2012	139,134	416	3,636	5,792	21,516	5,349	65,446	36,980

(1) Excluding irrigation.

Source: See Table 5-7a.

## 5-8a. Supply of Commercial Energy

Unit: 1,000 KLOE

Period	Total	Domestic Production							
		Subtotal	Coal	Hydro-Electric Power	Natural Gas	Crude Oil	Geothermal, Solar and Wind	Solar Thermal	Biomass and Waste
1955	2,502.9	1,801.5	1,625.3	146.8	25.7	3.7	-	-	-
1960	4,217.7	2,952.5	2,729.4	197.9	22.9	2.3	-	-	-
1965	6,308.2	4,029.4	3,482.0	247.9	278.7	20.8	-	-	-
1970	11,357.1	4,309.6	3,081.8	273.8	852.5	101.5	-	-	-
1975	16,115.9	4,298.4	2,163.6	503.0	1,417.1	214.8	-	-	-
1980	33,950.1	4,026.6	1,772.9	279.7	1,762.7	211.4	-	-	-
1985	39,190.4	3,104.5	1,215.8	573.7	1,194.1	118.1	2.8	-	-
1987	45,512.5	2,764.1	981.1	526.7	1,100.5	148.4	2.7	4.8	-
1988	50,931.2	2,656.6	802.0	446.8	1,255.2	139.8	3.0	9.8	-
1989	52,235.0	2,395.9	513.3	464.9	1,264.5	135.1	3.1	14.9	-
1990	57,829.1	2,297.5	308.9	610.0	1,173.9	182.4	2.7	19.6	-
1991	58,328.6	1,645.7	263.4	368.4	877.0	110.3	1.7	24.9	-
1992	62,826.9	1,712.0	219.1	626.8	760.3	72.0	1.8	32.0	-
1993	67,346.2	1,448.7	214.6	392.8	735.8	65.5	1.3	38.7	-
1994	71,205.5	1,592.3	186.6	483.9	806.7	68.6	0.0	46.5	-
1995	78,058.8	1,570.5	153.9	462.7	837.0	62.3	0.0	54.6	-
1996	81,438.1	1,470.9	96.5	453.4	800.9	59.7	0.0	60.4	-
1997	86,210.8	1,801.5	64.8	501.5	764.2	50.7	0.0	66.0	354.3
1998	89,810.1	2,025.8	51.8	592.9	781.3	54.0	0.0	70.1	475.7
1999	94,614.6	2,098.9	60.0	482.9	760.6	47.1	0.0	73.2	675.2
2000	101,788.8	2,115.4	54.2	436.7	663.9	37.2	0.1	77.3	846.1
2001	106,382.5	2,461.5	0.0	487.5	754.8	40.6	1.2	81.1	1,096.3
2002	111,425.0	2,343.0	0.0	266.5	788.3	51.1	1.6	84.3	1,151.2
2003	119,583.5	2,694.6	0.0	290.2	738.6	45.8	2.3	87.9	1,529.7
2004	132,607.8	2,713.0	0.0	306.9	707.0	44.6	2.5	92.7	1,559.5
2005	133,679.3	2,576.7	0.0	381.1	486.6	32.4	8.8	97.5	1,570.2
2006	136,530.0	2,584.0	0.0	390.8	411.5	23.6	26.5	102.4	1,629.2
2007	144,192.2	3,150.9	0.0	422.3	370.5	17.8	42.2	105.5	2,192.5
2008	139,161.9	3,010.2	0.0	411.6	317.7	16.1	56.7	109.5	2,098.7
2009	136,257.8	2,859.6	0.0	358.3	311.7	16.0	76.1	113.2	1,984.3
2010	142,501.2	2,796.4	0.0	401.0	263.3	14.2	100.6	114.3	1,903.1
2011	138,236.4	2,864.0	0.0	382.4	293.5	11.3	149.4	113.2	1,914.2
2012	140,768.3	3,073.0	0.0	541.9	392.9	11.4	151.7	114.0	1,861.0

Source: The data are provided by the Bureau of Energy, Ministry of Economic Affairs, R.O.C.

## 5-8b. Supply of Commercial Energy (Continued)

Unit: 1,000 KLOE

Period	Import				
	Subtotal	Crude Oil and Petroleum Products	Coal	Liquefied Natural Gas	Nuclear
1955	701.4	701.4	-	-	-
1960	1,265.2	1,265.2	-	-	-
1965	2,278.8	2,278.8	-	-	-
1970	7,047.6	6,937.3	110.2	-	-
1975	11,817.5	11,738.9	78.6	-	-
1980	29,923.5	24,055.7	3,493.4	-	2,374.4
1985	36,085.9	20,701.7	7,064.9	-	8,319.3
1987	42,748.4	23,367.7	9,786.8	-	9,594.0
1988	48,274.6	27,199.8	12,198.2	-	8,876.6
1989	49,839.1	29,711.5	11,938.8	-	8,188.8
1990	55,531.6	32,137.2	13,020.8	855.6	9,518.0
1991	56,682.9	31,335.3	13,057.1	2,070.4	10,220.0
1992	61,114.9	34,039.4	15,111.5	2,162.6	9,801.4
1993	65,897.5	36,284.2	17,341.3	2,323.1	9,949.0
1994	69,613.2	38,415.6	18,190.9	2,908.2	10,098.5
1995	76,488.3	43,408.1	19,538.1	3,314.7	10,227.4
1996	79,967.2	44,583.8	21,004.6	3,435.5	10,943.3
1997	84,409.3	45,245.5	24,454.1	4,206.2	10,503.6
1998	87,784.4	47,066.0	24,945.9	5,108.1	10,664.4
1999	92,515.7	49,030.9	27,126.6	5,233.0	11,125.2
2000	99,673.4	52,528.5	30,192.9	5,801.6	11,150.4
2001	103,920.9	54,941.4	32,493.4	6,209.4	10,276.9
2002	109,082.0	56,191.2	34,435.6	7,000.7	11,454.5
2003	116,889.0	61,992.8	36,332.4	7,300.7	11,263.0
2004	129,894.8	69,404.0	39,981.7	9,072.7	11,436.3
2005	131,102.6	70,449.5	39,704.2	9,373.0	11,575.9
2006	133,946.0	71,099.9	41,135.2	10,164.4	11,546.5
2007	141,041.4	75,248.7	43,202.2	10,850.4	11,740.1
2008	136,151.7	70,451.0	41,998.5	11,878.7	11,823.5
2009	133,398.2	71,518.7	38,251.3	11,589.2	12,039.0
2010	139,704.8	71,375.5	41,747.7	14,525.8	12,055.7
2011	135,372.4	63,811.5	43,377.8	15,986.2	12,196.9
2012	137,695.3	67,506.6	41,788.3	16,694.3	11,706.1

5-9a. Final Demand for Commercial Energy

Unit: 1,000 KLOE

Period	Grand Total	Domestic Consumption									
		Total	Electric Power								
			Subtotal	Hydro	Thermal	Nuclear	Geothermal, Solar and Wind	Cogeneration	Coal & Its Products	Petroleum Products	
1955	2,206.3	2,379.3	449.6	291.9	157.7	-	-	-	-	1,413.1	493.5
1960	3,322.6	3,311.6	449.6	291.9	157.7	-	-	-	-	2,020.8	820.5
1965	6,023.3	5,745.4	1,627.9	550.0	1,077.9	-	-	-	-	2,475.2	1,425.8
1970	10,983.8	9,787.6	3,051.6	649.5	2,402.1	-	-	-	-	2,882.3	3,226.3
1975	15,454.5	15,729.2	5,405.0	1,217.8	4,187.2	-	-	-	-	1,890.7	7,247.5
1980	33,117.1	29,389.0	9,911.3	679.1	7,329.1	1,903.1	-	-	-	1,783.1	16,121.9
1985	38,322.4	34,124.2	13,053.6	545.7	4,395.2	7,928.6	2.7	181.4	-	2,782.9	17,284.3
1987	44,819.5	40,399.1	16,330.8	501.5	6,482.8	9,152.4	2.6	191.6	-	3,384.1	19,770.6
1988	50,005.0	44,226.1	18,044.5	426.0	8,781.3	8,477.5	2.8	356.9	-	4,376.0	20,800.8
1989	51,366.8	46,570.5	19,475.8	439.8	10,337.1	7,762.9	2.9	933.0	-	4,421.2	21,658.3
1990	56,634.1	49,398.9	20,846.1	575.3	10,132.9	8,995.1	2.5	1,140.3	-	4,464.9	22,734.6
1991	56,855.5	53,247.7	23,431.5	347.3	11,906.2	9,653.3	1.6	1,523.1	-	4,692.5	23,179.0
1992	61,807.2	55,847.7	24,201.8	591.8	12,257.5	9,275.5	1.7	2,075.3	-	4,824.3	24,752.9
1993	65,719.2	59,029.1	26,111.0	374.0	13,850.9	9,488.3	1.3	2,396.5	-	4,875.9	25,927.8
1994	70,285.8	62,737.3	27,825.7	462.1	15,128.6	9,659.9	0.0	2,575.1	-	4,953.6	27,654.9
1995	77,180.1	66,036.6	29,630.5	441.1	16,521.8	9,768.0	0.0	2,899.6	-	4,811.4	29,110.6
1996	80,323.7	69,081.2	31,338.9	431.8	17,137.6	10,439.3	0.0	3,330.2	-	4,950.0	30,230.7
1997	83,989.9	72,199.9	33,604.5	480.6	19,256.4	10,081.5	0.0	3,785.9	-	5,504.9	30,456.2
1998	87,058.3	76,323.4	36,329.5	564.1	21,495.4	10,164.6	0.0	4,105.4	-	5,781.6	31,524.5
1999	92,346.1	79,981.9	38,586.7	460.2	22,474.1	10,621.7	0.0	5,030.6	-	5,522.5	33,340.2
2000	99,322.2	86,204.5	42,530.8	418.6	24,345.0	10,704.1	0.3	7,062.8	-	6,287.3	34,815.9
2001	103,583.6	90,906.1	42,915.8	467.7	25,056.4	9,872.4	1.9	7,517.4	-	6,559.1	38,942.7
2002	108,131.3	94,992.3	45,239.1	255.0	26,109.5	10,972.5	2.3	7,899.8	-	7,222.1	39,905.9
2003	116,020.2	98,704.1	47,141.8	278.3	27,469.5	10,818.3	3.6	8,572.0	-	7,363.3	41,707.2
2004	128,374.7	102,792.4	49,225.8	294.7	28,364.7	10,997.1	3.6	9,565.7	-	7,362.2	43,588.4
2005	128,462.4	104,858.3	51,370.6	366.6	30,234.2	11,149.5	9.9	9,610.3	-	7,191.4	43,597.5
2006	132,464.8	107,050.4	53,343.8	375.4	32,181.3	11,105.2	26.8	9,655.1	-	7,690.3	43,259.9
2007	139,029.2	112,262.4	54,546.3	405.6	32,805.7	11,290.9	41.7	10,002.3	-	8,493.5	46,279.9
2008	135,345.9	109,064.8	53,994.8	397.0	33,188.2	11,419.2	56.0	8,934.4	-	8,096.0	43,985.5
2009	132,427.1	106,768.0	51,326.6	344.4	30,475.4	11,584.5	74.7	8,847.6	-	7,476.8	44,874.8
2010	138,007.1	113,386.3	54,714.8	385.0	33,649.1	11,590.4	99.4	8,990.9	-	8,777.8	46,253.3
2011	133,686.7	111,924.6	55,731.6	366.7	34,710.1	11,712.9	147.0	8,794.9	-	9,372.7	42,775.6
2012	135,803.9	111,572.9	55,116.6	522.4	34,881.4	11,297.3	150.3	8,265.2	-	9,257.2	42,821.1

Source: See Table 5-10a.

## 5-9b. Final Demand for Commercial Energy (Continued)

Unit: 1,000 KLOE

Period	Domestic Consumption					Export				Inter-national Marine Bunkers	Inter-national Civil Aviation	Inventory Change	Loss and Statistical Discrepancy
	Natural Gas	Liquefied Natural Gas	Solar Thermal	Biomass and Waste	Heat	Total	Petroleum Products	Coal & Its Products	Biomass and Waste				
1955	23.1	-	-	-	-	262.7	169.5	93.2	-	-	-	111.2	- 324.6
1960	20.8	-	-	-	-	488.9	308.5	180.4	-	-	-	106.2	- 371.7
1965	216.5	-	-	-	-	375.0	372.1	2.9	-	-	-	187.3	- 284.5
1970	627.4	-	-	-	-	1,049.9	1,028.7	21.2	-	-	1.5	272.5	- 127.7
1975	1,185.9	-	-	-	-	762.1	750.3	11.8	-	-	46.8	710.6	- 373.0
1980	1,572.8	-	-	-	-	345.6	340.1	5.5	-	233.8	304.3	2,257.7	586.7
1985	1,003.3	-	-	-	-	2,084.9	2,078.7	6.2	-	570.1	321.7	175.0	1,046.5
1987	908.8	-	-	4.8	-	1,288.8	1,279.2	9.6	-	1,018.1	437.8	743.6	932.2
1988	995.0	-	-	9.8	-	1,088.9	1,087.2	1.7	-	1,307.5	481.7	1,896.5	1,004.4
1989	1,000.3	-	-	14.9	-	1,439.7	1,399.8	39.9	-	1,802.6	548.7	216.3	1,221.6
1990	1,019.3	314.3	-	19.6	-	590.5	571.5	19.1	-	1,700.4	631.2	2,971.7	1,341.3
1991	1,183.8	736.1	-	24.9	-	732.9	731.9	1.0	-	1,608.5	715.1	916.9	1,468.2
1992	1,281.8	754.9	-	32.0	-	918.8	918.0	0.8	-	2,208.6	881.9	392.3	1,557.9
1993	1,311.7	763.9	-	38.7	-	1,427.4	1,425.9	1.5	-	2,107.7	1,020.4	228.1	1,906.5
1994	1,378.8	877.8	-	46.5	-	1,043.4	1,042.8	0.6	-	2,316.5	1,252.6	977.7	1,958.3
1995	1,472.3	957.1	-	54.6	-	1,921.2	1,921.0	0.2	-	2,644.9	1,439.7	3,052.0	2,085.8
1996	1,475.7	1,025.5	-	60.4	-	2,646.1	2,645.9	0.2	-	2,576.0	1,538.7	2,317.8	2,163.9
1997	1,459.7	1,005.1	103.5	66.0	-	3,679.1	3,678.4	0.7	-	3,058.2	1,592.1	1,436.9	2,023.6
1998	1,451.4	1,054.7	111.6	70.1	-	2,252.4	2,251.9	0.4	-	3,383.1	1,691.7	724.8	2,682.8
1999	1,350.1	999.5	109.6	73.2	-	2,518.3	2,516.9	1.5	-	4,395.6	1,868.9	964.0	2,617.3
2000	1,317.6	1,061.9	111.1	77.3	2.7	2,644.1	2,635.8	8.3	-	3,995.2	1,890.9	1,771.7	2,815.7
2001	1,213.7	1,061.8	107.2	81.1	24.7	4,905.6	4,900.9	4.7	-	2,886.3	1,849.2	787.5	2,248.8
2002	1,159.6	1,188.7	164.4	84.3	28.2	6,846.2	6,837.3	8.9	-	2,789.6	1,948.3	769.5	2,324.3
2003	1,167.3	1,022.7	180.1	87.9	33.8	11,123.0	11,115.5	7.5	-	3,429.8	1,921.5	1,096.2	1,937.9
2004	1,202.6	1,121.2	165.4	92.7	34.1	14,784.0	14,782.7	1.3	-	2,771.5	2,193.4	3,148.7	2,684.7
2005	1,225.2	1,093.9	164.9	97.5	117.3	17,064.1	17,030.8	33.3	-	2,720.3	2,271.7	612.3	935.8
2006	1,190.8	1,139.5	157.8	102.4	165.9	16,293.3	16,277.8	15.5	-	2,682.6	2,364.9	1,750.6	2,323.0
2007	1,203.4	1,230.1	197.1	105.5	206.8	19,307.0	19,298.6	8.4	-	2,401.1	2,336.5	176.9	2,899.1
2008	1,191.4	1,313.8	210.8	109.5	162.9	18,934.3	18,865.7	68.7	-	2,068.2	2,062.4	745.8	2,470.4
2009	1,181.4	1,326.6	172.8	113.2	295.8	20,787.5	20,758.5	29.1	-	1,830.9	1,949.0	574.8	1,666.5
2010	1,242.2	1,734.1	203.1	114.3	346.8	17,583.9	17,492.7	91.2	-	1,978.2	2,199.1	136.0	2,995.6
2011	1,328.0	2,093.6	187.8	113.2	322.0	14,879.3	14,799.8	77.5	2.0	1,809.5	2,193.5	690.5	3,570.3
2012	1,344.2	2,403.3	174.1	114.0	342.3	18,235.3	18,145.4	88.6	1.3	1,313.3	2,305.6	251.8	2,125.0

5-10a. Final Consumption of Commercial Energy by Sector

Unit: 1,000 KLOE

Period	Grand Total	Energy Use						
		Total	Agricultural Sector	Industrial Sector				
				Subtotal	Mining	Food	Chemicals	Textiles
1955	2,607.2	2,598.8	107.2	1,200.8	10.1	160.7	305.8	92.4
1960	4,031.8	4,026.9	180.1	2,157.3	11.9	209.9	587.8	142.3
1965	5,850.2	5,708.0	303.0	3,269.0	22.6	256.2	829.3	208.2
1970	9,766.2	9,510.1	409.5	5,812.2	48.5	393.1	1,635.8	613.4
1975	15,693.5	15,301.8	734.9	8,692.6	81.0	607.6	2,201.1	1,270.0
1980	29,353.2	25,798.7	1,003.1	13,707.2	157.2	818.6	2,230.5	1,796.3
1985	34,124.2	30,224.1	1,214.6	13,925.3	147.2	831.1	1,853.5	2,103.9
1987	40,399.1	36,167.6	1,382.3	16,914.0	79.7	980.1	3,135.2	2,505.6
1988	44,226.0	39,773.1	1,415.8	18,733.2	81.4	1,033.6	3,466.2	2,634.0
1989	46,570.5	41,904.1	1,377.6	19,335.4	82.8	1,085.3	3,457.4	2,658.6
1990	49,398.9	44,487.0	1,443.5	20,263.5	76.2	1,136.5	3,817.1	2,643.4
1991	53,247.7	47,912.8	1,402.0	21,889.6	78.2	1,173.1	4,036.4	2,862.6
1992	55,847.7	50,247.9	1,357.4	22,907.0	76.6	1,187.4	4,433.8	2,966.1
1993	59,029.1	52,930.6	1,400.9	23,348.5	79.1	1,178.9	4,475.3	2,875.1
1994	62,737.3	56,164.5	1,420.1	24,298.0	79.1	1,188.8	4,825.5	2,982.3
1995	66,036.6	58,689.6	1,471.5	25,199.7	76.4	1,192.1	5,114.0	3,007.9
1996	69,081.2	61,497.5	1,520.9	26,076.2	73.7	1,203.1	5,379.6	3,189.1
1997	72,199.9	64,576.8	1,414.4	28,113.3	81.8	1,206.7	5,637.7	3,372.6
1998	76,323.5	68,091.6	1,213.6	29,064.5	112.4	1,201.9	6,024.5	3,523.8
1999	79,981.9	71,429.5	1,243.6	31,082.2	111.9	1,255.2	6,644.3	3,795.7
2000	86,204.5	76,769.9	1,390.9	34,289.2	116.1	1,287.0	8,130.6	3,925.3
2001	90,906.1	76,918.8	1,409.0	33,802.7	111.1	1,240.6	8,647.4	3,519.2
2002	94,992.3	80,363.7	1,435.1	36,155.7	118.6	1,280.4	9,490.1	3,377.0
2003	98,704.2	82,134.5	1,579.7	36,727.9	117.4	1,250.3	9,706.9	3,127.2
2004	102,792.4	85,344.9	1,656.7	38,412.4	126.8	1,286.4	10,370.6	3,265.3
2005	104,858.3	87,740.9	1,527.1	38,821.3	129.4	1,277.7	10,369.6	3,010.2
2006	107,050.5	89,465.0	1,204.8	40,398.9	128.3	1,251.2	11,149.8	2,767.2
2007	112,262.4	90,275.7	1,003.9	42,085.4	128.0	1,218.9	12,481.1	2,628.3
2008	109,064.8	87,337.2	1,103.1	40,450.9	132.1	1,185.3	11,429.6	2,317.3
2009	106,768.0	83,761.3	961.6	37,663.0	134.2	1,173.8	11,194.6	2,009.8
2010	113,386.4	89,188.3	943.6	42,091.2	154.0	1,223.8	12,175.0	2,110.3
2011	111,924.6	90,602.6	967.3	43,160.4	158.9	1,221.6	11,820.0	1,942.0
2012	111,572.9	89,213.6	996.7	42,566.7	138.1	1,174.7	11,585.5	1,828.3

Source: See Table 5-10a.

5-10b. Final Consumption of Commercial Energy by Sector (Continued)

Unit: 1,000 KLOE

Period	Energy Use							Non-Energy Use
	Industrial Sector				Energy Sector	Transportation Sector	Other Sectors	
	Wood Paper	Mineral Products	Metallic Products	Other Mfg.				
1955	90.2	238.7	133.5	169.5	211.0	237.9	841.9	8.5
1960	197.2	513.9	286.2	208.0	328.2	339.5	1,021.8	5.0
1965	296.0	875.8	458.8	322.2	430.7	385.4	1,319.8	142.3
1970	496.2	1,370.5	663.5	591.1	688.3	690.6	1,909.6	256.1
1975	586.9	1,700.1	869.4	1,376.6	1,064.8	1,670.7	3,138.7	391.7
1980	974.8	3,335.8	1,832.4	2,561.5	2,824.4	3,193.5	5,070.5	3,554.5
1985	927.0	2,920.3	1,608.4	3,534.0	3,894.2	4,390.2	6,799.8	3,900.1
1987	1,170.1	3,101.0	2,042.4	3,899.9	4,450.1	5,282.9	8,138.4	4,231.4
1988	1,259.0	3,465.8	2,521.8	4,271.3	4,518.2	6,091.6	9,014.2	4,453.0
1989	1,307.7	3,655.8	2,590.8	4,497.0	4,599.2	6,818.3	9,773.7	4,666.4
1990	1,387.6	3,699.6	2,743.6	4,759.6	4,769.9	7,377.6	10,632.6	4,911.9
1991	1,507.1	3,888.4	2,975.9	5,367.8	4,860.5	7,846.0	11,914.7	5,334.9
1992	1,510.5	3,917.5	3,204.9	5,610.2	4,765.9	9,023.9	12,193.6	5,599.8
1993	1,428.4	4,045.6	3,443.0	5,823.0	5,297.1	9,795.4	13,088.8	6,098.5
1994	1,487.5	4,126.2	3,484.9	6,123.8	6,039.1	10,336.9	14,070.4	6,572.9
1995	1,520.5	4,004.4	3,646.9	6,637.6	6,327.1	10,824.6	14,866.7	7,347.0
1996	1,565.8	3,884.0	3,706.6	7,074.4	6,600.0	11,206.8	16,093.6	7,583.7
1997	1,706.1	3,730.9	4,540.7	7,836.9	6,996.3	11,502.9	16,550.0	7,623.2
1998	1,627.3	3,601.5	5,138.5	7,834.6	7,275.2	12,003.8	18,534.5	8,231.9
1999	1,657.3	3,399.1	5,226.6	8,992.2	7,434.5	12,362.5	19,306.8	8,552.4
2000	1,640.2	3,337.7	5,559.9	10,292.3	7,942.1	12,535.5	20,612.2	9,434.6
2001	1,503.5	3,056.9	5,183.3	10,540.7	8,172.5	12,549.3	20,985.3	13,987.3
2002	1,504.9	3,491.2	5,493.7	11,399.8	7,938.6	13,029.0	21,805.3	14,628.6
2003	1,495.4	3,461.1	5,544.6	12,025.0	8,220.1	13,031.4	22,575.5	16,569.7
2004	1,558.3	3,566.3	5,902.3	12,336.3	8,509.0	13,542.5	23,224.3	17,447.5
2005	1,570.2	3,617.0	5,698.2	13,149.0	8,987.1	13,911.3	24,494.2	17,117.4
2006	1,542.6	3,667.5	6,028.7	13,863.6	9,073.6	13,880.0	24,907.7	17,585.5
2007	1,537.6	3,518.4	6,029.8	14,543.5	8,845.3	13,445.9	24,895.2	21,986.7
2008	1,432.6	3,370.1	5,749.6	14,834.3	8,115.7	12,772.0	24,895.6	21,727.5
2009	1,318.0	2,954.4	4,980.1	13,898.2	7,802.5	12,906.1	24,428.0	23,006.7
2010	1,393.9	3,209.3	6,157.0	15,667.9	8,097.9	13,330.0	24,725.6	24,198.1
2011	1,449.8	3,625.8	6,481.6	16,460.7	8,078.0	13,524.0	24,872.9	21,322.0
2012	1,456.3	3,492.0	6,222.4	16,669.5	7,949.4	13,262.7	24,438.1	22,359.3

## 5-11. Number of Factories Registered (1)

End of Year	Total	Food	Textiles	Chemicals	Saw Mill & Wood Products	Ceramics	Metals	Machinery & Tools	Printing & Book-binding	Others
1952	9,966	4,232	942	866	485	1,103	198	794	174	1,172
1955	16,154	7,358	1,514	1,530	773	1,473	314	1,510	319	1,363
1960	18,788	8,467	1,185	2,093	1,128	1,632	912	2,082	562	727
1965 (2)	24,608	10,929	1,166	3,015	1,349	1,790	1,341	2,493	736	1,789
1970 (3)	15,031	2,668	1,575	3,144	1,217	1,133	1,475	2,269	525	1,025
1975	40,982	6,476	4,404	8,889	3,701	2,377	4,951	6,960	1,001	2,223
1980	55,421	7,177	6,106	11,936	4,846	3,064	7,464	11,220	1,225	2,383
1985	68,145	6,428	7,247	11,606	4,410	3,225	9,476	14,692	2,602	8,459
1988	89,965	6,881	8,995	16,120	5,099	3,755	14,378	24,752	3,855	6,130
1989	93,925	6,818	9,148	16,709	5,053	3,805	15,616	26,466	4,108	6,202
1990	92,978	6,595	8,761	16,246	4,646	3,746	15,996	26,719	4,163	6,106
1991	95,327	6,584	8,827	15,535	4,505	3,733	16,774	28,020	4,324	7,025
1992	94,673	6,449	8,040	15,033	4,404	3,602	17,085	27,141	4,433	8,486
1993	96,579	6,300	8,158	15,218	5,867	3,468	16,723	28,279	4,595	7,971
1994	95,581	6,071	7,761	14,708	5,548	3,446	17,129	28,317	4,611	7,990
1995	97,016	5,972	7,691	14,670	5,373	3,492	17,940	29,343	4,727	7,808
1996	96,756	5,913	7,513	14,452	5,108	3,380	18,363	29,753	4,711	7,563
1997	99,844	6,023	7,666	14,694	5,085	3,414	19,245	31,831	4,844	7,042
1998	98,836	5,854	7,442	14,448	4,842	3,230	19,332	31,528	4,827	7,333
1999	100,682	5,936	7,528	14,590	4,770	3,226	19,879	32,542	4,934	7,277
2000	98,860	5,771	7,210	14,218	4,424	3,120	19,821	32,564	4,921	6,811
2001	97,182	5,780	6,960	13,891	4,145	3,099	19,488	32,490	4,853	6,476
2002	98,195	5,972	6,980	14,173	4,109	3,151	19,776	33,373	4,914	5,747
2003	98,865	6,139	6,924	14,551	3,971	3,082	18,055	35,540	4,973	5,630
2004	90,751	5,889	6,062	13,591	3,397	2,706	17,468	32,742	4,531	4,365
2005	89,883	5,905	5,807	13,509	3,305	2,620	17,586	32,591	4,427	4,133
2006	86,324	5,833	5,499	13,098	3,003	2,580	17,189	31,404	4,241	3,477
2007	86,881	5,918	5,398	13,180	2,900	2,605	18,308	30,425	4,263	3,884
2008	86,331	5,937	5,197	13,129	2,805	2,616	18,728	29,979	4,178	3,762
2009	84,890	5,924	4,988	12,978	2,663	2,618	18,694	29,226	4,111	3,688
2010	84,287	5,969	4,831	12,864	2,541	2,592	18,896	28,982	3,988	3,624
2011	84,099	6,051	4,769	12,836	2,461	2,601	19,337	28,506	3,925	3,613
2012	85,959	6,284	4,819	13,124	2,503	2,689	20,218	28,686	3,971	3,665

(1) Excluding sub-stations of Taiwan Power Company. (2) Revised on the basis of a recheck of data.

(3) Re-registrations were in progress: Figures show factories already re-registered.

Sources: See Table 5-1.

## **6. SCIENCE AND TECHNOLOGY**



### 6-1. R&D Expenditure Indicators

Period	R&D Expenditure (NT\$ million)	R&D Expenditure as a Percentage of GDP (%)	Basic Research as a Percentage of R&D Expenditure (%)	Business Enterprise R&D Expenditures as a Percentage of Value Added in Industry (%)
2003	242,942	2.27	11.7	1.95
2004	263,271	2.32	11.3	2.03
2005	280,980	2.39	10.3	2.17
2006	307,037	2.51	10.2	2.30
2007	331,386	2.57	10.0	2.41
2008	351,405	2.78	10.2	2.69
2009	367,174	2.94	10.4	2.87
2010	394,960	2.91	10.0	2.81
2011	413,293	3.02	9.7	2.96

Notes: (1) Defense R&D expenditure included from 2002 in this and related tables.

(2) "Wholesale and Retail Trade", "Financial and Insurance" and "Real Estate" are added to the surveyed industries since 2003 in this and related tables.

(3) GDP and industry value added are based on figures announced by the DGBAS in November 2012.

Source: National Science Council, R.O.C. (Taiwan), *Indicators of Science and Technology, Taiwan*, 2012.

### 6-2. R&D Personnel Indicators

Period	R&D Personnel (FTE)				R&D Personnel (Headcount)			
	Personnel	Researchers	Female Researchers	Researchers per 1,000 Employment	Personnel	Researchers	Female Researchers	Researchers per 1,000 Employment <sub>nt</sub>
2003	127,628	75,111	13,566	7.8	172,950	100,164	18,826	10.5
2004	138,604	81,209	14,683	8.3	187,001	108,891	20,490	11.1
2005	149,154	88,859	16,563	8.9	195,721	115,954	22,712	11.7
2006	161,314	95,176	18,558	9.4	212,483	126,168	25,820	12.5
2007	175,741	103,455	19,650	10.0	228,551	135,918	27,224	13.2
2008	184,633	110,089	20,746	10.6	240,876	143,862	28,916	13.8
2009	196,893	119,185	23,245	11.6	256,019	154,818	31,815	15.1
2010	210,678	127,768	25,392	12.2	272,563	164,874	34,458	17.7
2011	221,371	134,048	27,457	12.5	287,565	173,654	37,423	16.2

Notes: See Table 6-1.

Source: See Table 6-1.

### 6-3. Science and Technology Output Indicators

Period	Annual Papers in SCI	Annual Papers in EI	Number of U.S. Utility Patents Granted (patents for invention)	Technology Balance of Payments Export/Import <sup>(1)</sup>
2002	11,436	5,786	5,431	0.25
2003	13,162	8,011	5,298	0.17
2004	13,704	10,980	5,938	0.17
2005	16,890	11,661	5,118	0.23
2006	17,990	13,076	6,361	...
2007	18,795	16,657	6,128	0.26
2008	22,756	17,483	6,339	0.26
2009	24,521	18,869	6,642	0.25
2010	23,829	20,302	8,239	0.18
2011	26,648	22,819	8,781	...

(1) The MOEA's Factory Adjustment and Operation Survey was not conducted in 2001, 2006 and 2011.

Source: See Table 6-1.

### 6-4. R&D Expenditure by Source of Funds

Unit: NT\$ million

Period	Total		Business Enterprise		Government		Higher Education		Private Non-profit		Abroad	
	amount	%	amount	%	amount	%	amount	%	amount	%	amount	%
2002	224,428	100.0	141,695	63.1	79,004	35.2	2,762	1.2	930	0.4	38	0.0
2003	242,942	100.0	153,664	63.3	85,587	35.2	2,777	1.1	854	0.4	60	0.0
2004	263,271	100.0	170,469	64.8	88,499	33.6	3,130	1.2	1,113	0.4	60	0.0
2005	280,980	100.0	187,853	66.9	88,633	31.5	3,147	1.1	1,204	0.4	144	0.1
2006	307,037	100.0	206,177	67.2	96,443	31.4	3,257	1.1	1,071	0.3	91	0.0
2007	331,386	100.0	228,074	68.8	98,966	29.9	3,158	1.0	1,051	0.3	137	0.0
2008	351,405	100.0	247,408	70.4	99,260	28.2	3,441	1.0	1,144	0.3	153	0.0
2009	367,174	100.0	255,998	69.7	106,153	28.9	3,683	1.0	1,191	0.3	149	0.0
2010	394,960	100.0	281,294	71.2	108,615	27.5	3,797	1.0	1,093	0.3	161	0.0
2011	413,293	100.0	299,755	72.5	108,464	26.2	3,918	0.9	1,007	0.2	148	0.0

Source: See Table 6-1.

## 6-5. R&amp;D Expenditure by Sector of Performance

Unit: NT\$ million

Period	Total		Business Enterprise		Government		Higher Education		Private Non-profit	
	amount	%	amount	%	amount	%	amount	%	amount	%
2002	224,428	100.0	139,569	62.2	55,693	24.8	27,637	12.3	1,530	0.7
2003	242,942	100.0	152,614	62.8	59,928	24.7	28,890	11.9	1,510	0.6
2004	263,271	100.0	170,293	64.7	61,144	23.2	30,350	11.5	1,484	0.6
2005	280,980	100.0	188,390	67.0	59,143	21.0	32,092	11.4	1,355	0.5
2006	307,037	100.0	207,238	67.5	60,965	19.9	37,565	12.2	1,270	0.4
2007	331,386	100.0	229,126	69.1	60,643	18.3	40,400	12.2	1,218	0.4
2008	351,405	100.0	248,363	70.7	58,928	16.8	42,905	12.2	1,209	0.3
2009	367,174	100.0	257,405	70.1	61,587	16.8	46,823	12.8	1,359	0.4
2010	394,960	100.0	282,546	71.5	63,020	16.0	47,970	12.1	1,424	0.4
2011	413,293	100.0	300,358	72.7	62,546	15.1	48,978	11.9	1,410	0.3

Source: See Table 6-1.

## 6-6. R&amp;D Expenditure by Type of R&amp;D

Unit: NT\$ million

Period	Total		Basic Research		Applied Research		Experimental Development	
	amount	%	amount	%	amount	%	amount	%
2002	224,428	100.0	24,725	11.0	60,399	26.9	139,305	62.1
2003	242,942	100.0	28,505	11.7	64,062	26.4	150,375	61.9
2004	263,271	100.0	29,631	11.3	66,694	25.3	166,947	63.4
2005	280,980	100.0	28,961	10.3	74,219	26.4	177,801	63.3
2006	307,037	100.0	31,229	10.2	81,270	26.5	194,539	63.4
2007	331,386	100.0	33,189	10.0	85,123	25.7	213,074	64.3
2008	351,405	100.0	35,779	10.2	89,636	25.5	225,990	64.3
2009	367,174	100.0	38,097	10.4	94,042	25.6	235,035	64.0
2010	394,960	100.0	39,487	10.0	97,586	24.7	257,888	65.3
2011	413,293	100.0	40,184	9.7	97,941	23.7	275,167	66.6

Source: See Table 6-1.

6-7. R&D Expenditure by Field of Science and Technology

Unit: NT\$ million

Period	Total		Natural Sciences		Engineering		Medical Science		Agricultural Science		Humanities		Social Sciences	
	amount	%	amount	%	amount	%	amount	%	amount	%	amount	%	amount	%
2002	224,428	100.0	18,451	8.2	171,554	76.4	16,018	7.1	10,483	4.7	2,344	1.0	5,578	2.5
2003	242,942	100.0	20,619	8.5	183,856	75.7	18,481	7.6	10,367	4.3	2,742	1.1	6,876	2.8
2004	263,271	100.0	22,675	8.6	198,027	75.2	21,981	8.3	11,174	4.2	3,013	1.1	6,401	2.4
2005	280,980	100.0	27,657	9.8	212,294	75.6	19,993	7.1	11,289	4.0	3,046	1.1	6,702	2.4
2006	307,037	100.0	30,746	10.0	231,632	75.4	21,814	7.1	11,584	3.8	3,287	1.1	7,975	2.6
2007	331,386	100.0	34,198	10.3	249,941	75.4	23,320	7.0	11,072	3.3	3,968	1.2	8,888	2.7
2008	351,405	100.0	36,804	10.5	263,626	75.0	25,005	7.1	11,895	3.4	4,178	1.2	9,898	2.8
2009	367,174	100.0	38,122	10.4	273,553	74.5	27,688	7.5	11,801	3.2	4,769	1.3	11,241	3.1
2010	394,960	100.0	40,232	10.2	297,862	75.4	29,438	7.5	11,854	3.0	4,401	1.1	11,174	2.8
2011	413,293	100.0	43,524	10.5	312,199	75.5	29,700	7.2	11,683	2.8	4,821	1.2	11,365	2.7

Source: See Table 6-1.

6-8. R&D Expenditure as a Percentage of GDP in Selected Countries

Unit: %

Period	R.O.C.	Japan	U.S.A.	Germany	France	United Kingdom	Korea, Rep. <sup>(1)</sup>	Mainland China
2002	2.16	3.12	2.62	2.50	2.24	1.80	2.40	1.07
2003	2.27	3.14	2.61	2.54	2.18	1.75	2.49	1.13
2004	2.32	3.13	2.55	2.50	2.16	1.69	2.68	1.23
2005	2.39	3.31	2.59	2.51	2.11	1.72	2.79	1.32
2006	2.51	3.41	2.65	2.54	2.11	1.74	3.01	1.39
2007	2.57	3.46	2.72	2.53	2.08	1.77	3.21	1.40
2008	2.78	3.47	2.86	2.69	2.12	1.78	3.36	1.47
2009	2.94	3.36	2.91	2.82	2.27	1.84	3.56	1.70
2010	2.91	3.26	2.83	2.80	2.24	1.80	3.74	1.76
2011	3.02	...	2.77*	2.84	2.25	1.77*	...	...

(1) R&D expenditure in social sciences and humanities were excluded before 2006 in Korea. (2) \* Provisional data.

Source: Main Science and Technology Indicators, 2012-2, OECD.

## **7. TRANSPORTATION AND COMMUNICATIONS**



7-1. Indices of Transportation and Communications

Period	Total		Transportation		Postal Service		Telecommunications	
	Index (1) (2011=100)	Growth Rate (%)	Index (2011=100)	Growth Rate (%)	Index (2011=100)	Growth Rate (%)	Index (2006=100)	Growth Rate (%)
1952	1.52	-	1.49	-	1.95	-	-	-
1955	2.27	17.0	2.16	16.1	3.84	23.5	-	-
1960	3.72	4.2	3.17	5.0	11.67	1.0	-	-
1965	5.08	9.0	4.54	11.5	12.77	-2.6	-	-
1970	8.69	12.4	8.01	12.5	18.48	11.7	-	-
1975	12.50	21.2	11.57	26.2	25.89	-3.4	-	-
1980	22.31	3.6	21.76	3.4	30.28	5.5	-	-
1985	33.11	-0.4	32.44	-1.1	42.73	8.3	-	-
1988	41.13	7.7	40.41	7.6	51.47	8.0	-	-
1989	42.97	4.5	41.77	3.4	60.12	16.8	-	-
1990	43.78	1.9	42.79	2.4	57.97	-3.6	-	-
1991	71.95	64.3	72.72	69.9	61.01	5.2	-	-
1992	74.46	3.5	75.09	3.3	65.41	7.2	-	-
1993	77.65	4.3	78.54	4.6	64.80	-0.9	-	-
1994	78.96	1.7	79.52	1.2	70.99	9.6	-	-
1995	78.34	-0.8	78.50	-1.3	76.03	7.1	-	-
1996	79.52	1.5	79.53	1.3	79.40	4.4	34.26	-
1997	81.22	2.1	80.92	1.7	85.54	7.7	29.28	-14.5
1998	82.23	1.2	81.60	0.8	91.27	6.7	38.56	31.7
1999	85.25	3.7	84.52	3.6	95.64	4.8	48.68	26.3
2000	86.47	1.4	84.93	0.5	108.53	13.5	59.19	21.6
2001	84.98	-1.7	84.17	-0.9	96.54	-11.0	66.65	12.6
2002	86.20	1.4	85.72	1.8	93.09	-3.6	75.57	13.4
2003	83.13	-3.6	82.70	-3.5	89.31	-4.1	86.24	14.1
2004	90.91	9.4	90.77	9.8	92.94	4.1	92.25	7.0
2005	91.29	0.4	91.09	0.4	94.20	1.4	97.99	6.2
2006	91.27	0.0	91.32	0.3	90.54	-3.9	100.00	2.0
2007	92.89	1.8	92.97	1.8	91.68	1.3	100.40	0.4
2008	93.81	1.0	93.85	0.9	93.27	1.7	104.57	4.2
2009	91.41	-2.6	91.27	-2.7	93.36	0.1	109.48	4.7
2010	97.16	6.3	97.21	6.5	96.35	3.2	116.51	6.4
2011	100.00	2.9	100.00	2.9	100.00	3.8	124.11	6.5
2012	103.03	3.0	103.38	3.4	98.13	-1.9	126.92	2.3

Source: The data are provided by the Ministry of Transportation and Communications, R.O.C. and the National Communications Commission, R.O.C..

## 7-2. Route Length of Railway(1)

Unit: km

End of Year	Total	Taiwan Railway Administration	High-Speed Rail	Productive Enterprises (2)	Taipei Metro	Kaohsiung Metro
1952	950	950	-	-	-	-
1955	950	950	-	-	-	-
1960	973	973	-	-	-	-
1965	975	975	-	-	-	-
1970	1,000	1,000	-	-	-	-
1975	1,000	1,000	-	-	-	-
1980	1,091	1,091	-	-	-	-
1985	1,082	1,082	-	-	-	-
1988	1,072	1,072	-	-	-	-
1989	1,103	1,103	-	-	-	-
1990	1,105	1,105	-	-	-	-
1991	1,105	1,105	-	-	-	-
1992	1,178	1,178	-	-	-	-
1993	1,172	1,172	-	-	-	-
1994	1,166	1,166	-	-	-	-
1995	1,157	1,157	-	-	-	-
1996	1,167	1,156	-	-	11	-
1997	1,177	1,145	-	-	32	-
1998	1,182	1,142	-	-	40	-
1999	1,185	1,129	-	-	56	-
2000	1,190	1,125	-	-	65	-
2001	1,184	1,119	-	-	65	-
2002	1,184	1,119	-	-	65	-
2003	1,182	1,117	-	-	65	-
2004	1,333	1,118	-	148	67	-
2005	1,333	1,118	-	148	67	-
2006	1,342	1,118	-	150	74	-
2007	1,686	1,117	345	150	74	-
2008	1,724	1,116	345	146	76	41
2009	1,650	1,116	345	57	91	41
2010	1,742	1,115	345	138	101	43
2011	1,741	1,113	345	138	102	43
2012	1,764	1,123	345	138	113	45

Note: (1)Prior to 1996, the figures refer to Taiwan Railway Administration (TRA) only and they include Productive Enterprises from 2004. Taipei Metro operated from March, 1996 and Kaohsiung Metro operated from April, 2008. Also High-Speed Rail operated from Jan. 2007.

134 (2)The business lines of Productive Enterprises were damaged in Morakot typhoon and cease operating in 2009.

Source: See Table 7-1.

## 7-3. Number of Railway Stations(1)

Unit: station

End of Year	Total	Taiwan Railway Administration	High-Speed Rail	Productive Enterprises (2)	Taipei Metro	Kaohsiung Metro
1952	210	210	-	-	-	-
1955	224	224	-	-	-	-
1960	242	242	-	-	-	-
1965	236	236	-	-	-	-
1970	244	244	-	-	-	-
1975	240	240	-	-	-	-
1980	256	256	-	-	-	-
1985	236	236	-	-	-	-
1988	225	225	-	-	-	-
1989	221	221	-	-	-	-
1990	219	219	-	-	-	-
1991	211	211	-	-	-	-
1992	219	219	-	-	-	-
1993	220	220	-	-	-	-
1994	219	219	-	-	-	-
1995	218	218	-	-	-	-
1996	230	218	-	-	12	-
1997	248	216	-	-	32	-
1998	255	216	-	-	39	-
1999	270	216	-	-	54	-
2000	276	216	-	-	60	-
2001	275	215	-	-	60	-
2002	275	215	-	-	60	-
2003	276	216	-	-	60	-
2004	295	216	-	18	61	-
2005	297	216	-	18	63	-
2006	305	218	-	18	69	-
2007	306	219	8	18	69	-
2008	349	217	8	17	70	37
2009	343	216	8	-	82	37
2010	374	217	8	18	94	37
2011	381	224	8	18	94	37
2012	393	225	8	20	102	38

(1) Prior to 1996, the figures refer to Taiwan Railway Administration (TRA) only and they include Productive Enterprises from 2004. Taipei Metro operated from March, 1996 and Kaohsiung Metro operated from April, 2008. Also High-Speed Rail operated from Jan. 2007.

(2) The business lines of Productive Enterprises were damaged in Morakot typhoon and cease operating in 2009.

Source: See Table 7-1.

## 7-4. Length of Roads

Unit: km

End of Year	Total	Highway						Urban
		Sub-Total	National	Provincial	County	Rural	Exclusive	
1952	15,619	14,734	-	1,364	2,815	10,555	-	886
1955	14,878	14,878	-	1,459	2,927	10,492	-	-
1960	15,336	15,336	-	1,956	2,947	10,433	-	-
1965	14,836	14,836	-	2,092	2,803	9,719	222	-
1970	15,615	15,615	-	2,468	2,689	10,127	331	-
1975	17,172	17,172	-	2,737	3,012	11,095	328	-
1980	17,487	17,487	373	3,979	2,330	10,427	378	-
1985	19,857	19,857	382	4,100	2,593	12,394	388	-
1988	19,981	19,981	382	4,126	2,626	12,459	388	-
1989	19,998	19,998	382	4,125	2,640	12,463	388	-
1990	20,042	20,042	382	4,159	2,645	12,486	388	-
1991	28,472	19,872	382	4,062	2,613	12,429	387	8,600
1992	29,758	19,921	382	4,075	2,615	12,463	387	9,837
1993	30,447	19,978	447	4,067	2,614	12,463	387	10,470
1994	31,378	19,975	447	4,067	2,614	12,461	387	11,403
1995	32,197	20,031	447	4,209	2,531	12,454	390	12,167
1996	32,778	20,118	484	4,246	2,533	12,465	390	12,660
1997	33,628	20,165	528	4,321	2,461	12,465	390	13,463
1998	34,895	20,222	538	4,376	2,451	12,467	390	14,673
1999	35,572	20,322	594	4,424	2,447	12,467	390	15,250
2000	35,750	20,375	608	4,447	2,455	12,475	390	15,375
2001	36,445	20,654	718	4,515	3,401	11,630	390	15,791
2002	37,016	20,815	789	4,573	3,426	11,613	414	16,201
2003	37,289	20,946	872	4,621	3,426	11,613	414	16,343
2004	37,007	20,993	901	4,680	3,359	11,639	414	16,014
2005	37,315	21,058	912	4,720	3,359	11,653	414	16,257
2006	38,276	21,223	954	4,843	3,358	11,654	414	17,053
2007	38,505	21,382	954	5,000	3,360	11,654	414	17,123
2008	39,294	21,471	989	5,024	3,484	11,560	414	17,823
2009	39,828	21,760	989	5,092	3,518	11,765	396	18,068
2010	40,332	21,800	989	5,099	3,551	11,765	396	18,532
2011	40,974	21,826	989	5,124	3,551	11,766	396	19,148
2012	42,037	21,839	989	5,137	3,551	11,766	396	20,198

Note: In line with the upgrade of some cities into municipalities in 2011, the total length of highways decreased while the amount of urban roads increased.

7-5. Number of Motor Vehicles Registered (1)

Unit: Vehicle

End of Year	Total	Buses		Sedans (3)		Trucks & Wagons		Vehicles for Special Purposes (2)	Motorcycles
		For	Private	For	Private	For	Private		
		Business	Use	Business	Use	Business	Use		
1952	10,710	1,379	244	490	2,089	2,197	1,827	482	2,002
1955	16,102	2,090	387	794	3,974	2,495	2,161	686	3,515
1960	48,745	2,954	490	1,660	6,395	3,458	3,994	1,826	26,468
1965	105,590	4,110	843	6,156	8,943	6,904	5,634	2,925	68,198
1970	819,104	6,365	1,589	20,692	28,849	14,155	26,850	2,875	701,421
1975	1,986,996	9,975	2,468	40,638	104,222	22,356	84,643	17,458	1,705,236
1980	4,665,433	13,535	4,469	67,166	358,277	33,768	203,753	18,950	3,965,515
1985	7,949,993	15,016	5,829	85,283	830,315	42,191	366,335	16,170	6,588,854
1988	8,426,863	15,910	5,824	98,551	1,461,360	54,175	436,475	17,219	6,337,596
1989	9,284,463	15,835	5,650	100,747	1,829,028	56,381	495,547	21,443	6,760,077
1990	10,051,574	15,142	5,695	103,043	2,160,375	58,691	540,531	22,710	7,145,628
1991	10,611,036	14,739	5,381	100,679	2,440,685	60,763	555,565	24,049	7,409,175
1992	11,268,254	16,139	5,155	100,523	2,799,519	71,483	599,270	26,857	7,649,308
1993	11,856,524	16,609	4,601	98,878	3,139,876	77,177	619,392	32,595	7,867,396
1994	12,377,082	17,281	3,971	101,120	3,469,377	81,429	630,380	39,015	8,034,509
1995	13,201,471	17,838	3,760	102,541	3,771,662	81,690	666,460	40,496	8,517,024
1996	14,273,465	18,285	3,487	106,826	4,039,649	79,954	697,930	43,420	9,283,914
1997	15,345,743	19,474	3,269	109,289	4,302,622	80,995	732,415	46,066	10,051,613
1998	15,959,135	19,783	3,088	112,293	4,433,195	81,549	732,545	47,642	10,529,040
1999	16,317,768	20,920	2,878	107,700	4,401,730	81,535	698,377	46,159	10,958,469
2000	17,022,689	21,175	2,748	107,257	4,608,960	83,787	724,799	50,791	11,423,172
2001	17,465,037	21,473	2,580	104,940	4,720,641	83,142	747,531	51,528	11,733,202
2002	17,906,957	22,753	2,326	101,286	4,888,050	83,384	773,399	52,002	11,983,757
2003	18,500,658	23,432	2,196	97,752	5,071,981	83,953	801,827	52,653	12,366,864
2004	19,183,136	24,411	2,042	128,155	5,262,693	89,668	829,601	52,616	12,793,950
2005	19,862,807	25,084	1,883	138,669	5,495,693	94,762	858,708	52,743	13,195,265
2006	20,307,197	25,710	1,812	142,817	5,555,507	97,680	874,121	52,522	13,577,028
2007	20,711,754	25,568	1,793	145,155	5,567,687	97,239	878,411	52,428	13,943,473
2008	21,092,358	25,616	1,723	144,112	5,530,314	95,674	877,997	51,480	14,365,442
2009	21,374,175	25,758	1,909	145,065	5,559,247	102,936	883,831	51,099	14,604,330
2010	21,721,447	27,174	1,856	160,444	5,642,969	96,753	896,797	50,522	14,844,932
2011	22,226,684	28,128	1,863	173,078	5,787,010	100,407	912,546	50,050	15,173,602
2012	22,346,398	29,328	1,770	182,209	5,909,115	103,104	920,382	60,862	15,139,628

(1) Excluding military vehicles.

(2) Including ambulances, fire engines, sweeper trucks, sprinkler trucks, postal service vehicles etc.

(3) Since 2004, rental sedans have been reclassified from "Private Use" to "For Business".

Source: See Table 7-1.

7-6. Railway and Road Densities

End of Year	Meters Per Square Km		Meters Per 1,000 Persons	
	Railway (1)	Road	Railway (1)	Road
1952	47	409	209	1,813
1955	48	413	189	1,639
1960	51	426	168	1,421
1965	51	412	147	1,175
1970	58	434	141	1,064
1975	61	477	136	1,063
1980	70	486	142	982
1985	73	552	137	1,031
1988	73	555	132	1,004
1989	73	556	131	995
1990	73	557	129	996
1991	73	791	128	1,385
1992	77	827	134	1,434
1993	77	846	132	1,454
1994	77	872	131	1,485
1995	75	894	126	1,511
1996	75	910	126	1,527
1997	74	934	123	1,551
1998	77	969	127	1,596
1999	78	988	128	1,614
2000	79	993	128	1,609
2001	78	1,012	126	1,631
2002	77	1,028	123	1,649
2003	78	1,036	125	1,655
2004	88	1,028	141	1,636
2005	87	1,036	138	1,645
2006	88	1,063	139	1,679
2007	109	1,069	171	1,684
2008	107	1,091	169	1,713
2009	109	1,100	172	1,730
2010	107	1,114	168	1,749
2011	107	1,132	168	1,773
2012	108	1,161	169	1,813

(1) See note of Table 7-1.

Source: See Table 7-1.

7-7. Railway and Motor Carriers Traffic

Period	Passenger Traffic						Freight Traffic					
	Passengers (million)			Passenger-Kilometers (million)			Tonnage (1,000 mt)			Tonne-Kilometers (million)		
	Total	Railway (1)	Motor	Total	Railway (1)	Motor	Total	Railway (1)	Motor (2)	Total	Railway (1)	Motor (2)
1952	65	65	-	1,750	1,750	-	10,828	8,231	2,597	1,223	1,159	64
1955	97	97	-	2,550	2,550	-	28,169	22,469	5,700	1,888	1,733	156
1960	121	121	-	3,609	3,609	-	35,542	26,745	8,797	2,388	2,071	317
1965	134	134	-	4,470	4,470	-	45,290	30,192	15,098	3,024	2,415	608
1970	138	138	-	6,212	6,212	-	64,377	28,359	36,018	3,994	2,631	1,364
1975	143	143	-	8,287	8,287	-	124,092	35,219	88,873	6,540	2,702	3,838
1980	139	139	-	7,971	7,971	-	176,943	32,458	144,485	10,407	2,716	7,690
1985	131	131	-	8,309	8,309	-	219,457	29,732	189,725	11,523	2,300	9,223
1988	133	133	-	8,237	8,237	-	270,677	30,399	240,278	13,618	2,278	11,340
1989	128	128	-	8,145	8,145	-	275,256	30,867	244,389	13,605	2,112	11,494
1990	132	132	-	8,323	8,323	-	273,852	28,054	245,798	13,420	1,877	11,543
1991	1,776	138	1,638	29,170	8,621	20,549	280,554	26,256	254,297	13,775	1,961	11,814
1992	1,700	150	1,550	28,826	9,357	19,469	296,149	28,194	267,955	14,360	2,140	12,220
1993	1,648	158	1,490	28,963	9,552	19,411	332,251	30,582	301,669	14,885	2,018	12,867
1994	1,570	161	1,409	27,510	9,515	17,995	344,668	31,233	313,436	15,098	2,007	13,091
1995	1,472	161	1,311	25,650	9,499	16,151	321,296	30,120	291,176	14,391	1,900	12,492
1996	1,431	171	1,260	24,454	9,032	15,421	316,856	27,410	289,446	13,576	1,585	11,991
1997	1,425	197	1,228	23,924	9,507	14,417	303,551	26,571	276,980	13,679	1,514	12,165
1998	1,442	233	1,208	24,604	10,305	14,298	386,527	26,560	359,967	18,831	1,404	17,426
1999	1,508	310	1,198	25,267	11,020	14,247	375,869	25,993	349,875	19,566	1,315	18,251
2000	1,606	460	1,146	27,281	12,624	14,657	365,804	22,261	343,543	19,412	1,179	18,233
2001	1,586	476	1,109	27,505	12,269	15,237	521,587	19,287	502,300	28,820	1,010	27,810
2002	1,557	500	1,057	27,917	12,147	15,770	516,749	18,217	498,533	29,282	941	28,341
2003	1,471	478	992	25,921	11,178	14,744	529,414	16,735	512,680	29,599	864	28,735
2004	1,539	520	1,019	27,828	12,051	15,778	565,675	16,960	548,715	31,938	909	31,029
2005	1,545	531	1,013	28,356	12,255	16,100	581,083	19,251	561,831	32,192	982	31,210
2006	1,568	554	1,014	28,738	12,352	16,386	613,274	19,060	594,214	32,215	997	31,218
2007	1,623	603	1,021	31,748	15,769	15,979	634,945	17,378	617,567	31,437	890	30,547
2008	1,744	690	1,054	34,849	19,066	15,783	620,720	16,583	604,137	31,093	933	30,160
2009	1,757	719	1,039	35,160	19,277	15,882	610,886	14,144	596,742	29,847	776	29,071
2010	1,889	779	1,110	37,238	20,931	16,307	643,274	15,106	628,167	30,504	873	29,632
2011	2,029	864	1,164	39,859	22,826	17,033	652,949	14,451	638,499	30,404	853	29,551
2012	2,115	925	1,190	41,763	24,208	17,555	667,171	13,905	653,265	30,684	833	29,851

(1) See note of Table 7-1.

(2) Prior to and including 2000, the figures in this table excluded the container freight traffic of Taiwan Province and Kaohsiung City;

Prior to and including 1997, the figures also excluded the data of non-container tractors of Taiwan Province.

Source: See Table 7-1.

7-8a. Civil Aviation Transportation at Airports

Period	No. of Flights				Passenger Traffic		
	Total	International (including H.K. & Macau)	Cross-Strait	Domestic	Total	International	Cross-Strait
					1,000 Passengers	1,000 Passengers	1,000 Passengers
1952	5,133	-	-	-	26	-	-
1955	5,563	-	-	-	68	-	-
1960	8,276	-	-	-	122	-	-
1965	19,510	8,764	-	10,746	615	235	-
1970	66,582	26,102	-	40,480	2,533	997	-
1975	95,358	29,498	-	65,860	5,678	2,013	-
1980	126,898	37,089	-	89,809	11,198	3,759	-
1985	144,201	39,459	-	104,742	11,462	4,523	-
1988	177,493	47,183	-	130,310	15,760	7,129	-
1989	234,890	51,813	-	183,077	18,119	8,297	-
1990	251,823	60,691	-	191,132	19,888	9,680	-
1991	317,481	68,181	-	249,300	22,832	10,364	-
1992	377,816	77,542	-	300,274	28,237	12,117	-
1993	448,991	87,930	-	361,061	32,669	12,887	-
1994	535,627	100,383	-	435,244	38,703	13,673	-
1995	632,888	111,356	-	521,532	45,621	14,954	-
1996	700,964	123,931	-	577,033	54,103	16,157	-
1997	715,845	135,730	-	580,115	56,303	17,069	-
1998	638,344	135,023	-	503,321	51,650	16,440	-
1999	616,322	132,343	-	483,979	52,374	17,808	-
2000	586,560	138,379	-	448,181	48,407	19,780	-
2001	561,910	147,212	-	414,698	46,084	19,501	-
2002	548,555	156,023	-	392,532	44,186	20,063	-
2003	489,171	146,490	-	342,681	37,879	15,913	-
2004	504,862	175,230	-	329,632	44,117	20,756	-
2005	479,499	181,775	-	297,724	44,268	22,485	-
2006	463,506	188,274	-	275,232	43,725	23,774	-
2007	421,479	192,610	-	228,869	39,772	24,432	-
2008	357,982	172,469	2,279	183,234	35,236	22,784	419
2009	335,667	149,131	17,741	168,795	34,382	19,990	3,106
2010	360,409	155,500	33,823	171,086	39,455	21,910	5,826
2011	385,140	160,775	44,562	179,803	41,389	21,936	7,157
2012	404,695	171,610	58,513	174,572	45,424	23,924	8,943

Source: See Table 7-1.

7-8b. Civil Aviation Transportation at Airports (Continued)

Period	Passenger Traffic		Freight Traffic				
	Domestic	Transit	Total	International	Cross-Strait	Domestic	Transit
	1,000 Passengers	1,000 Passengers	1,000 mt	1,000 mt	1,000 mt	1,000 mt	1,000 mt
1952	-	-	3.1	-	-	-	-
1955	-	-	2.1	-	-	-	-
1960	-	-	4.6	-	-	-	-
1965	380	-	10.7	7.9	-	2.8	-
1970	1,536	-	45.9	33.7	-	12.2	-
1975	3,664	-	132.8	105.1	-	27.7	-
1980	6,150	1,289	237.1	212.2	-	24.9	-
1985	5,854	1,085	328.0	302.2	-	25.8	-
1988	7,614	1,017	542.8	516.1	-	26.7	-
1989	8,910	912	608.6	577.0	-	31.6	-
1990	9,043	1,165	662.1	625.4	-	36.7	-
1991	11,210	1,257	714.8	670.1	-	44.7	-
1992	14,875	1,245	816.4	763.3	-	53.1	-
1993	18,442	1,340	853.9	793.3	-	60.6	-
1994	23,299	1,731	880.3	809.5	-	70.8	-
1995	28,773	1,894	836.9	744.4	-	31.4	61.1
1996	35,902	2,044	885.2	791.8	-	29.4	64.0
1997	37,400	1,835	1,015.7	909.9	-	31.2	74.6
1998	33,294	1,916	1,032.8	936.4	-	26.4	70.0
1999	32,534	2,031	1,173.4	1,064.3	-	30.6	78.5
2000	26,650	1,976	1,338.2	1,214.9	-	33.9	89.5
2001	24,614	1,970	1,310.2	1,035.6	-	37.4	237.3
2002	21,890	2,233	1,513.9	1,137.6	-	44.2	332.0
2003	20,052	1,914	1,622.7	1,186.0	-	43.7	393.0
2004	20,995	2,365	1,823.1	1,254.9	-	40.6	527.6
2005	19,294	2,489	1,818.8	1,216.0	-	37.4	565.3
2006	17,365	2,586	1,809.6	1,208.0	-	40.2	561.4
2007	12,711	2,630	1,708.7	1,191.1	-	40.0	477.5
2008	9,850	2,183	1,587.3	1,033.8	1.5	36.7	515.2
2009	9,233	2,053	1,445.4	866.7	66.3	36.9	475.5
2010	9,733	1,986	1,867.9	1,017.7	146.2	36.7	667.3
2011	10,484	1,811	1,738.3	951.8	156.8	35.9	593.7
2012	10,680	1,877	1,683.9	930.7	171.4	36.2	545.7

Source: See Table 7-1.

## 7-9a. Freight Handled at Seaports (1)

Unit: 1,000 Revenue Tons

Period	Loading and Unloading								Loading		
	Grand Total	Keelung Port	Kaohsiung Port	Hualien Port	Taichung Port	Su-ao Port	Anping Port	Taipei Port	Subtotal	Keelung Port	Kaohsiung Port
1952	3,303	1,627	1,528	149	-	-	-	-	1,468	634	767
1955	4,919	2,093	2,648	178	-	-	-	-	2,023	689	1,241
1960	6,892	2,372	4,236	284	-	-	-	-	3,022	830	2,013
1965	12,295	4,115	7,856	324	-	-	-	-	5,851	1,698	3,933
1970	25,016	8,643	15,984	389	-	-	-	-	8,997	2,936	5,820
1975	45,911	16,885	28,221	805	-	-	-	-	14,044	5,901	7,754
1980	116,450	35,186	71,850	3,398	4,747	1,269	-	-	43,124	13,651	26,781
1985	183,910	49,936	118,572	3,902	7,917	3,583	-	-	73,892	23,460	44,801
1988	283,193	76,592	181,729	5,404	14,923	4,544	-	-	108,865	34,114	66,687
1989	296,309	78,296	191,043	5,597	16,982	4,392	-	-	113,470	33,931	71,526
1990	301,062	79,615	190,945	5,172	21,261	4,069	-	-	114,462	35,194	71,799
1991	332,000	86,971	207,448	5,884	27,547	4,151	-	-	127,840	38,310	79,909
1992	345,279	85,267	214,198	6,316	34,672	4,825	-	-	128,125	36,620	80,680
1993	383,723	86,396	243,609	8,076	39,940	5,702	-	-	140,705	35,134	92,074
1994	402,619	91,626	251,378	9,006	45,026	5,583	-	-	148,371	37,262	96,343
1995	420,168	94,442	261,654	9,497	49,170	5,405	-	-	156,230	39,061	100,798
1996	432,625	89,407	266,929	9,743	60,436	6,109	-	-	162,198	38,036	102,032
1997	483,402	85,406	310,039	11,594	69,783	6,580	-	-	182,127	35,330	119,670
1998	494,018	76,149	328,289	12,488	70,803	6,290	-	-	188,050	29,265	130,584
1999	534,086	76,542	358,124	14,670	79,238	5,511	-	-	209,518	28,390	146,247
2000	566,950	88,336	375,406	15,556	82,014	5,639	-	-	223,728	33,122	153,983
2001	552,873	82,418	373,747	15,263	75,368	4,784	1,292	-	221,154	31,741	154,345
2002	606,711	88,911	410,687	17,160	81,508	5,563	2,881	-	243,914	34,456	170,123
2003	635,577	93,104	429,644	18,057	84,574	5,623	4,576	-	254,640	35,170	177,869
2004	696,241	97,766	468,913	21,751	88,902	6,074	5,092	7,743	277,114	36,218	195,393
2005	687,927	99,167	455,426	21,950	88,430	6,522	6,702	9,732	273,389	36,938	190,851
2006	706,506	99,479	464,884	20,072	90,323	6,604	11,150	13,994	279,718	38,102	197,761
2007	710,259	97,210	477,622	19,381	90,795	6,018	7,547	11,685	288,176	39,641	204,603
2008	668,279	91,261	448,992	17,420	89,294	5,003	6,671	9,637	271,531	36,900	193,630
2009	605,746	69,991	397,196	13,730	89,205	5,177	6,686	23,761	244,345	27,777	172,364
2010	655,400	76,675	423,074	14,268	107,031	5,756	1,237	27,360	265,842	30,795	185,097
2011	678,995	75,419	437,642	13,286	107,710	5,482	1,116	38,341	275,469	30,326	191,247
2012	690,802	69,403	440,301	11,226	111,170	5,002	1,173	52,528	284,552	28,258	194,914

(1)The conversion factor from TEUS to Revenue Tons is 36 in containerized cargo.

Source: See Table 7-1.

## 7-9b. Freight Handled at Seaports (Continued)

Unit: 1,000 Revenue Tons

Period	Loading					Unloading							
	Hualien Port	Taichung Port	Su-ao Port	Anping Port	Taipei Port	Subtotal	Keelung Port	Kaohsiung Port	Hualien Port	Taichung Port	Su-ao Port	Anping Port	Taipei Port
1952	67	-	-	-	-	1,835	993	760	82	-	-	-	-
1955	93	-	-	-	-	2,896	1,404	1,407	85	-	-	-	-
1960	179	-	-	-	-	3,870	1,542	2,223	105	-	-	-	-
1965	220	-	-	-	-	6,444	2,417	3,923	104	-	-	-	-
1970	241	-	-	-	-	16,019	5,707	10,164	148	-	-	-	-
1975	389	-	-	-	-	31,867	10,984	20,467	416	-	-	-	-
1980	2,093	394	205	-	-	73,326	21,535	45,069	1,305	4,353	1,064	-	-
1985	2,902	933	1,796	-	-	110,018	26,476	73,771	1,000	6,984	1,787	-	-
1988	3,717	2,361	1,985	-	-	174,329	42,478	115,042	1,687	12,562	2,559	-	-
1989	3,715	2,654	1,644	-	-	182,840	44,365	119,517	1,882	14,328	2,748	-	-
1990	3,087	3,260	1,122	-	-	186,600	44,421	119,146	2,085	18,001	2,947	-	-
1991	3,569	4,974	1,078	-	-	204,160	48,660	127,539	2,315	22,573	3,072	-	-
1992	3,708	6,095	1,021	-	-	217,154	48,647	133,518	2,608	28,577	3,804	-	-
1993	5,295	6,571	1,631	-	-	243,019	51,262	151,535	2,781	33,369	4,071	-	-
1994	5,483	7,554	1,729	-	-	254,248	54,364	155,035	3,524	37,472	3,854	-	-
1995	5,639	8,886	1,846	-	-	263,938	55,381	160,856	3,857	40,284	3,559	-	-
1996	6,413	13,173	2,543	-	-	270,427	51,371	164,897	3,330	47,263	3,565	-	-
1997	7,722	16,407	2,998	-	-	301,275	50,076	190,369	3,872	53,377	3,582	-	-
1998	8,813	16,894	2,494	-	-	305,968	46,884	197,704	3,675	53,909	3,796	-	-
1999	10,744	21,509	2,628	-	-	324,567	48,152	211,876	3,927	57,730	2,883	-	-
2000	12,156	21,794	2,673	-	-	343,222	55,214	221,422	3,400	60,220	2,966	-	-
2001	12,061	20,914	1,980	113	-	331,719	50,677	219,402	3,202	54,454	2,805	1,180	-
2002	13,972	23,176	2,071	117	-	362,796	54,455	240,565	3,188	58,332	3,492	2,764	-
2003	14,801	24,739	1,926	135	-	380,937	57,934	251,774	3,256	59,835	3,697	4,442	-
2004	18,328	24,833	2,187	147	9	419,127	61,548	273,519	3,423	64,069	3,888	4,946	7,734
2005	18,715	24,033	2,650	176	25	414,538	62,228	264,575	3,235	64,396	3,872	6,525	9,707
2006	16,799	24,001	2,531	177	346	426,788	61,377	267,123	3,273	66,322	4,073	10,973	13,647
2007	15,900	25,019	2,555	153	304	422,084	57,569	273,019	3,482	65,776	3,463	7,394	11,381
2008	14,192	24,431	1,842	228	307	396,749	54,361	255,362	3,228	64,862	3,162	6,443	9,329
2009	11,365	23,592	2,053	65	7,129	361,400	42,214	224,832	2,364	65,613	3,124	6,621	16,632
2010	10,972	27,183	2,162	72	9,561	389,558	45,879	237,978	3,295	79,848	3,594	1,165	17,799
2011	9,821	28,176	2,112	93	13,694	403,527	45,093	246,395	3,465	79,534	3,371	1,023	24,647
2012	7,773	30,287	1,575	138	21,607	406,250	41,145	245,387	3,453	80,883	3,426	1,035	30,920

7-10. Imports and Exports Carried by National & Foreign Vessels

Unit: 1,000 mt

Period	Imports and Exports				Imports				Exports			
	Total	Foreign Vessel	National Vessel	National Vessel %	Subtotal	Foreign Vessel	National Vessel	National Vessel %	Subtotal	Foreign Vessel	National Vessel	National Vessel %
1952	1,859	1,056	803	43.2	1,097	888	209	19.1	762	168	594	78.0
1955	3,136	1,938	1,198	38.2	1,860	1,359	501	26.9	1,276	579	697	54.6
1960	4,762	2,487	2,275	47.8	2,806	1,461	1,345	47.9	1,956	1,026	930	47.5
1965	8,731	4,837	3,894	44.6	5,102	2,817	2,285	44.8	3,629	2,020	1,609	44.3
1970	17,423	10,904	6,519	37.4	13,131	8,119	5,012	38.2	4,292	2,785	1,507	35.1
1975	27,629	17,458	10,171	36.8	23,328	14,000	9,328	40.0	4,301	3,458	843	19.6
1980	60,262	46,980	13,282	22.0	51,168	39,620	11,548	22.6	9,094	7,360	1,734	19.1
1985	71,607	44,532	27,075	37.8	55,592	31,794	23,798	42.8	16,015	12,738	3,278	20.5
1988	109,031	78,363	30,668	28.1	90,334	63,890	26,445	29.3	18,697	14,473	4,224	22.6
1989	108,400	78,201	30,199	27.9	91,862	65,722	26,140	28.5	16,538	12,478	4,060	24.5
1990	112,181	77,602	34,580	30.8	96,742	66,054	30,688	31.7	15,439	11,548	3,891	25.2
1991	116,701	83,032	33,669	28.9	98,847	69,358	29,489	29.8	17,854	13,674	4,180	23.4
1992	124,170	87,397	36,773	29.6	107,468	74,745	32,724	30.4	16,702	12,653	4,049	24.2
1993	127,150	93,698	33,453	26.3	110,227	81,131	29,097	26.4	16,923	12,567	4,356	25.7
1994	130,358	95,777	34,581	26.5	113,617	83,196	30,421	26.8	16,741	12,581	4,160	24.9
1995	134,693	101,839	32,853	24.4	115,917	87,119	28,797	24.8	18,776	14,720	4,056	21.6
1996	137,533	95,171	42,361	30.8	116,563	78,585	37,978	32.6	20,969	16,586	4,383	20.9
1997	158,383	116,643	41,741	26.4	135,868	98,412	37,456	27.6	22,516	18,231	4,285	19.0
1998	154,125	110,153	43,972	28.5	132,060	92,448	39,612	30.0	22,065	17,705	4,360	19.8
1999	167,116	118,596	48,520	29.0	140,829	96,514	44,315	31.5	26,287	22,081	4,205	16.0
2000	173,640	122,385	51,256	29.5	143,988	97,714	46,274	32.1	29,653	24,671	4,982	16.8
2001	184,078	138,223	45,855	24.9	145,082	104,267	40,815	28.1	38,997	33,956	5,040	12.9
2002	197,307	154,158	43,150	21.9	155,830	117,163	38,667	24.8	41,477	36,994	4,483	10.8
2003	207,563	171,631	35,932	17.3	162,753	130,821	31,933	19.6	44,810	40,810	3,999	8.9
2004	222,785	190,805	31,980	14.4	174,935	146,467	28,469	16.3	47,849	44,338	3,511	7.3
2005	210,379	182,365	28,014	13.3	162,365	137,956	24,409	15.0	48,015	44,410	3,605	7.5
2006	210,607	189,446	21,161	10.0	163,049	144,020	19,029	11.7	47,558	45,426	2,132	4.5
2007	224,508	203,144	21,365	9.5	173,699	154,697	19,001	10.9	50,810	48,446	2,363	4.7
2008	219,928	199,462	20,466	9.3	174,182	155,995	18,187	10.4	45,745	43,467	2,279	5.0
2009	202,788	177,560	25,228	12.4	157,039	134,546	22,493	14.3	45,750	43,015	2,735	6.0
2010	218,083	196,072	22,011	10.1	168,826	150,560	18,266	10.8	49,257	45,512	3,745	7.6
2011	214,687	190,362	24,325	11.3	167,340	147,357	19,983	11.9	47,347	43,005	4,342	9.2
2012	212,720	185,683	27,037	12.7	166,186	143,533	22,653	13.6	46,534	42,150	4,384	9.4

Source: See Table 7-1.

7-11. Number of R.O.C.- Registered Ships and Volume of Cargo

Period	National-Flagged			Cargo Tonnage (1,000 mt)	Ton-nautical Mileage (Million Tonne- Nautical Miles)
	No. of Vessels (1)	Gross Registered Tonnage (GRT) (Tons)	Deadweight Tonnage (DWT) (Tons)		
1952	126	365,306	480,730	2,837	7,055
1955	94	288,352	392,841	2,216	8,216
1960	83	347,173	503,586	2,795	11,760
1965	145	761,058	1,072,678	5,887	27,305
1970	170	1,129,916	1,716,431	8,613	44,800
1975	168	1,308,683	2,045,276	13,023	93,771
1980	178	1,806,216	2,704,909	24,085	136,196
1985	227	4,267,129	6,654,260	48,652	299,691
1988	254	5,182,197	7,744,415	72,409	383,246
1989	264	5,468,964	8,228,512	69,186	357,565
1990	254	5,922,976	9,179,151	83,462	479,348
1991	252	6,181,788	9,562,716	90,907	532,574
1992	267	6,543,058	10,077,163	96,857	541,899
1993	278	6,631,095	10,269,696	110,079	568,628
1994	267	5,946,787	9,235,814	112,929	526,952
1995	270	6,011,431	9,244,182	123,614	568,529
1996	284	6,066,699	9,326,984	130,052	610,350
1997	285	5,958,906	9,192,129	114,108	567,706
1998	285	5,539,486	8,771,344	109,885	519,624
1999	290	5,445,290	8,630,749	111,719	557,201
2000	288	5,336,130	8,391,652	110,271	527,891
2001	280	4,790,827	7,472,055	101,533	359,295
2002	272	4,234,607	6,789,777	101,091	312,823
2003	267	3,735,331	6,091,318	95,440	247,560
2004	272	3,707,112	5,998,971	96,735	195,066
2005	270	3,374,761	5,484,290	85,853	180,710
2006	258	3,005,230	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	4,237,585	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	52,372	116,857

(1)The number of national vessels registered refers to those with a gross tonnage of 100 tons or more, and includes cargo and passenger vessels, but excludes fishing and non-operated vessels.

Source: See Table 7-1.

## 7-12. Number of Visitors Arriving by Residence

Unit: Persons

Country	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	2,950,342	3,378,118	3,519,827	3,716,063	3,845,187	4,395,004	5,567,277	6,087,484	7,311,470
Mainland China	220,248	211,253	299,821	306,776	329,204	972,123	1,630,735	1,784,185	2,586,428
Hong Kong & Macau	417,087	432,718	431,884	491,437	618,667	718,806	794,362	817,944	1,016,356
Japan	887,311	1,124,334	1,161,489	1,166,380	1,086,691	1,000,661	1,080,153	1,294,758	1,432,315
Korea, Rep. of	148,095	182,517	196,260	225,814	252,266	167,641	216,901	242,902	259,089
Malaysia	92,760	107,549	115,202	141,308	155,783	166,987	285,734	307,898	341,032
Singapore	116,885	166,179	184,160	204,494	205,449	194,523	241,334	299,599	327,253
Indonesia	44,161	88,464	90,870	95,572	110,420	106,612	123,834	156,281	163,598
Philippines	87,005	92,074	79,993	85,030	87,936	77,206	87,944	101,539	105,130
Thailand	103,089	93,568	95,643	90,069	84,586	78,405	92,949	102,902	97,712
Canada	50,518	54,464	53,821	57,179	60,236	60,138	64,739	67,545	70,614
United States	382,822	390,929	394,802	397,965	387,197	369,258	395,729	412,617	411,416
France	21,354	21,967	22,622	23,917	24,164	25,245	26,455	29,082	31,452
Germany	37,242	39,821	38,764	39,529	40,309	39,533	42,446	44,644	45,054
Italy	10,343	10,955	10,765	11,440	12,752	12,237	12,246	12,407	12,932
Netherlands	11,225	12,117	11,490	12,445	12,126	11,230	13,158	14,401	15,797
United Kingdom	37,146	35,950	36,007	39,968	48,391	44,815	44,430	43,419	42,776
Australia	41,981	46,394	42,549	51,762	58,199	57,147	62,254	60,067	63,597
South Africa	6,361	5,775	5,494	5,166	4,904	4,009	4,066	4,709	4,222
Others	234,709	261,090	248,191	269,812	265,907	288,428	347,808	290,585	284,697

Source: See Table 7-1.

7-13. Number of Visitors Arriving by Visiting Purpose

Unit: Persons

End of Year	Total	Business	Pleasure	Visit Relatives	Conference	Study	Others
1982	1,419,178	145,692	1,104,713	54,620	-	13,766	100,387
1983	1,457,404	181,740	974,330	63,494	-	16,545	221,295
1984	1,516,138	207,253	966,405	89,171	6,533	15,276	231,500
1985	1,451,659	223,993	900,024	87,445	7,216	16,860	216,121
1986	1,610,385	280,371	949,198	98,220	9,471	17,876	255,249
1987	1,760,948	352,545	998,235	121,691	16,007	16,391	256,079
1988	1,935,134	404,540	1,059,302	139,825	12,404	19,331	299,732
1989	2,004,126	410,060	1,100,430	140,587	12,648	22,334	318,067
1990	1,934,084	400,362	1,037,866	139,000	12,194	25,664	318,998
1991	1,854,506	436,490	826,441	154,309	15,964	24,579	396,723
1992	1,873,327	496,844	809,453	180,149	19,492	24,260	343,129
1993	1,850,214	524,917	700,907	200,817	19,979	25,014	378,580
1994	2,127,249	594,808	860,915	233,968	28,720	28,151	380,687
1995	2,331,934	651,968	940,451	240,009	24,131	28,093	447,282
1996	2,358,221	704,450	904,489	241,704	25,931	27,320	454,327
1997	2,372,232	750,059	843,008	244,996	28,585	25,399	480,185
1998	2,298,706	770,557	762,026	242,223	30,242	24,322	469,336
1999	2,411,248	806,159	782,938	257,683	31,194	27,054	506,220
2000	2,624,037	900,339	870,929	279,243	34,879	27,808	510,839
2001	2,831,035	848,732	1,021,572	332,834	39,390	26,971	561,536
2002	2,977,692	831,465	1,028,635	329,751	39,485	61,904	686,452
2003	2,248,117	698,792	695,277	280,022	31,545	48,575	493,906
2004	2,950,342	920,377	1,031,713	374,008	43,616	37,324	543,304
2005	3,378,118	944,487	1,381,637	379,252	49,686	38,717	584,339
2006	3,519,827	949,836	1,510,207	377,455	52,634	38,649	591,046
2007	3,716,063	930,775	1,648,507	395,760	57,839	41,901	641,281
2008	3,845,187	881,431	1,775,229	404,692	59,226	45,229	679,380
2009	4,395,004	795,669	2,298,334	413,942	68,925	54,701	763,433
2010	5,567,277	937,777	3,246,005	496,627	88,097	62,681	736,090
2011	6,087,484	984,845	3,633,856	500,131	81,780	62,829	824,043
2012	7,311,470	893,767	4,677,330	444,213	62,988	62,719	1,170,453

Source: See Table 7-1.

## 7-14. Postal Establishments and Mail Routes

End of Year	No. of Postal Establishments	Mail Routes (km)			
		Total	By Land	By Air	By Sea
1952	1,544	50,396	3,313	25,962	21,121
1955	2,524	96,249	19,695	39,263	37,291
1960	6,114	116,389	28,705	45,834	41,850
1965	7,008	166,766	33,527	51,608	81,631
1970	8,149	200,200	34,464	56,205	109,531
1975	9,443	500,058	34,610	284,114	181,334
1980	11,534	759,185	35,685	420,467	303,033
1985	12,441	1,490,855	96,157	856,775	537,923
1988	12,498	1,592,553	103,279	936,105	553,169
1989	12,441	1,605,072	115,510	936,393	553,169
1990	12,700	1,607,639	118,076	936,394	553,169
1991	13,223	1,608,437	118,875	936,393	553,169
1992	13,536	1,636,306	122,648	960,489	553,169
1993	13,824	1,644,084	122,562	968,353	553,169
1994	14,079	1,701,206	122,591	994,346	584,269
1995	14,335	1,833,913	123,191	1,126,453	584,269
1996	14,638	1,835,440	123,914	1,127,257	584,269
1997	13,961	1,845,096	122,870	1,137,957	584,269
1998	14,014	1,862,818	125,592	1,152,957	584,269
1999	14,414	1,905,696	125,592	1,195,835	584,269
2000	12,656	1,903,222	123,118	1,195,835	584,269
2001	11,216	1,901,895	113,450	1,204,176	584,269
2002	10,325	1,902,638	114,396	1,203,973	584,269
2003	9,976	1,904,383	116,141	1,203,973	584,269
2004	6,755	1,904,894	116,652	1,203,973	584,269
2005	6,420	1,903,028	114,731	1,203,973	584,324
2006	5,341	1,903,029	114,731	1,203,973	584,325
2007	4,823	1,903,283	114,985	1,203,973	584,325
2008	2,570	1,912,832	115,330	1,203,341	594,161
2009	2,681	1,919,509	118,958	1,205,582	594,969
2010	2,600	1,920,028	119,477	1,205,582	594,969
2011	2,595	1,920,161	119,610	1,205,582	594,969
2012	2,610	1,920,551	120,056	1,205,582	594,913

Sources: The data are provided by the Chunghwa Post Co., Ltd., and the Ministry of Transportation and Communications, R.O.C.

## 7-15a. Volume of Postal Service

Period	Correspondence (million pieces) (1)						Speedpost (1,000 pieces)		
	Accepted			Delivered			Total	Domestic	International
	Total	Domestic	International	Total	Domestic	International			
1952	62.3	60.3	2.0	70.4	67.0	3.4	-	-	-
1955	124.8	121.6	3.2	146.8	140.6	6.2	-	-	-
1960	358.5	351.0	7.5	370.4	358.6	11.8	-	-	-
1965	379.5	369.2	10.3	382.2	369.2	13.0	-	-	-
1970	552.8	528.5	24.3	577.3	556.0	21.3	-	-	-
1975	804.3	756.3	48.0	854.9	814.7	40.2	-	-	-
1980	923.2	852.2	71.0	958.7	909.5	49.2	56	-	56
1985	1,318.0	1,246.4	71.6	1,363.5	1,289.5	74.0	930	331	599
1988	1,545.2	1,483.0	62.2	1,670.4	1,598.3	72.1	2,528	1,399	1,129
1989	1,815.9	1,754.0	61.9	1,952.1	1,874.6	77.5	3,119	1,913	1,206
1990	1,707.7	1,641.2	66.5	1,984.7	1,901.2	83.5	3,709	2,412	1,297
1991	1,740.7	1,671.2	69.5	2,007.7	1,925.5	82.2	4,729	3,213	1,516
1992	1,819.2	1,750.4	68.8	2,012.0	1,930.9	81.1	5,605	4,032	1,573
1993	1,845.8	1,777.4	68.4	2,109.9	2,022.4	87.5	4,777	3,240	1,537
1994	2,015.5	1,949.4	66.1	2,215.9	2,136.7	79.2	5,310	3,782	1,528
1995	2,141.5	2,073.2	68.3	2,434.8	2,350.4	84.4	5,953	4,384	1,569
1996	2,219.2	2,159.7	59.5	2,563.3	2,475.6	87.7	6,823	5,196	1,627
1997	2,401.4	2,345.5	55.9	2,750.7	2,661.8	88.9	7,528	5,881	1,647
1998	2,589.3	2,536.7	52.6	2,915.7	2,823.7	92.0	8,226	6,514	1,712
1999	2,705.2	2,649.7	55.5	3,052.5	2,956.7	95.8	9,281	7,493	1,788
2000	3,087.9	3,040.2	47.7	3,410.1	3,304.2	105.9	10,435	8,660	1,775
2001	2,891.5	2,850.7	40.8	3,304.7	3,209.5	95.2	7,423	5,950	1,473
2002	2,876.1	2,837.9	38.2	3,316.7	3,227.1	89.6	5,846	4,458	1,388
2003	2,731.3	2,696.9	34.4	3,223.6	3,135.5	88.1	5,854	4,350	1,504
2004	2,815.1	2,779.6	35.5	3,279.2	3,197.9	81.3	5,862	4,346	1,516
2005	2,808.4	2,779.4	29.0	3,256.2	3,186.4	69.8	5,908	4,342	1,566
2006	2,663.0	2,640.0	23.0	3,187.3	3,125.9	61.4	5,674	4,081	1,593
2007	2,670.0	2,649.0	21.0	3,108.5	3,050.0	58.5	5,794	4,117	1,677
2008	2,645.9	2,623.7	22.2	3,185.0	3,132.2	52.8	6,294	4,588	1,706
2009	2,625.8	2,607.6	18.2	2,942.0	2,898.0	44.0	6,497	4,791	1,706
2010	2,728.0	2,700.7	27.3	3,004.6	2,961.8	42.8	6,239	4,461	1,778
2011	2,780.5	2,747.1	33.4	3,173.4	3,130.3	43.1	7,671	5,859	1,812
2012	2,706.4	2,685.9	20.5	3,165.6	3,124.0	41.6	7,653	5,799	1,854

(1) Excluding parcels.

Source: See Table 7-14.

7-15b. Volume of Postal Service (Continued)

Period	Parcels (1,000 pieces)					
	Accepted			Delivered		
	Total	Domestic	International	Total	Domestic	International
1952	427	408	19	450	401	49
1955	650	612	38	640	587	53
1960	3,568	3,446	122	3,506	3,373	133
1965	4,862	4,642	220	4,746	4,574	172
1970	6,773	6,312	461	6,803	6,460	343
1975	7,255	6,467	788	7,339	6,805	534
1980	9,624	8,514	1,110	9,474	8,928	546
1985	9,631	8,318	1,313	9,248	8,652	596
1988	10,120	9,144	976	10,225	9,417	808
1989	10,440	9,593	847	10,554	9,887	667
1990	11,009	10,198	811	11,273	10,462	811
1991	13,119	12,294	825	13,270	12,583	687
1992	15,817	15,045	772	16,149	15,551	598
1993	14,978	14,280	698	15,269	14,688	581
1994	16,627	15,967	660	16,993	16,371	622
1995	18,213	17,548	665	18,741	18,121	620
1996	18,319	17,689	630	18,683	18,104	579
1997	18,373	17,795	578	18,736	18,146	590
1998	16,917	16,396	521	17,350	16,862	488
1999	16,147	15,623	524	16,539	16,085	454
2000	17,287	16,743	544	17,842	17,395	447
2001	10,631	10,078	553	10,952	10,605	347
2002	7,973	7,395	578	8,209	7,862	347
2003	8,953	8,376	577	9,181	8,815	366
2004	12,108	11,543	565	12,668	12,259	409
2005	15,767	15,216	551	16,720	16,333	387
2006	17,897	17,321	576	18,901	18,506	395
2007	19,958	19,349	609	21,560	21,152	408
2008	24,268	23,608	660	26,230	25,813	417
2009	25,351	24,657	694	26,980	26,568	412
2010	26,352	25,660	692	29,326	28,901	425
2011	27,214	26,533	681	30,192	29,740	452
2012	27,946	27,244	702	30,601	30,134	467

7-16 Fixed Telephone Traffic and Number of Telecom Subscribers

Period	Fixed Telephone Traffic			Telephone Volume between the Straits		Local Telephone	Mobile Telephone
	Local	Long-Distance	International	Incoming	Outgoing	Service	Service
	Million Minutes	Million Minutes	1,000 Minutes	1,000 Minutes	1,000 Minutes	No. of Subscribers	No. of Subscribers
1952	-	-	59	-	-	24,609	-
1955	-	-	109	-	-	33,531	-
1960	-	-	119	-	-	56,168	-
1965	-	-	258	-	-	98,520	-
1970	-	-	2,131	-	-	249,420	-
1975	-	-	8,396	-	-	774,233	-
1980	-	-	22,945	-	-	2,322,816	-
1985	-	-	58,020	-	-	4,227,992	-
1988	-	-	142,628	-	-	5,332,285	-
1989	-	-	183,864	-	-	5,822,663	22,086
1990	-	-	241,928	-	-	6,300,755	83,482
1991	-	-	297,616	-	-	6,853,080	196,793
1992	-	-	366,854	-	-	7,418,277	384,779
1993	-	-	442,308	-	-	7,950,504	538,544
1994	-	-	501,849	-	-	8,503,201	584,326
1995	-	-	593,023	-	-	9,174,813	772,165
1996	35,919	24,909	700,502	115,163	168,740	10,010,614	970,473
1997	44,898	10,979	789,061	151,720	198,069	10,862,327	1,491,609
1998	50,648	11,089	860,878	180,643	236,141	11,500,361	4,727,045
1999	54,316	10,152	958,264	214,145	286,034	12,043,756	11,541,139
2000	66,208	9,107	1,058,378	241,113	342,988	12,642,193	17,873,829
2001	61,625	8,022	1,514,416	321,953	509,835	12,857,775	21,786,384
2002	50,034	7,466	2,153,914	473,224	758,784	13,099,416	24,390,520
2003	38,254	7,027	3,076,736	523,942	987,262	13,355,032	25,799,839
2004	30,703	6,505	3,131,670	645,109	1,286,703	13,529,923	22,760,144
2005	24,839	6,057	3,468,293	790,815	1,369,444	13,615,439	22,170,702
2006	21,309	5,554	3,841,016	875,980	1,505,976	13,473,461	23,249,262
2007	19,509	5,002	3,879,449	784,837	1,566,245	13,302,004	24,301,971
2008	17,914	4,694	3,993,877	714,055	1,538,542	13,082,115	25,412,514
2009	16,794	4,401	4,192,733	576,594	1,423,250	12,820,993	26,958,772
2010	15,626	4,490	4,650,852	552,920	1,496,327	12,696,000	27,839,527
2011	14,475	4,322	4,666,714	470,973	1,364,128	12,687,515	28,861,762
2012	13,331	4,446	4,941,466	321,077	1,186,400	12,411,410	29,585,674

Source: The data are provided by the National Communications Commission, R.O.C.

7-17. Broadband Internet Accounts

End of Year	Total	ADSL	FTTx	Cable Modem	Leased Line	PWLAN
2002	2,100,595	1,832,742	-	247,688	18,055	2,110
2003	3,043,273	2,552,164	-	452,459	22,670	15,980
2004	3,751,214	3,169,202	-	526,209	21,974	33,829
2005	4,340,889	3,738,673	-	541,310	21,234	39,672
2006	4,505,800	4,002,365	-	419,912	29,575	53,948
2007	4,793,689	3,657,261	554,966	502,629	29,877	48,956
2008	5,024,374	3,026,166	1,259,041	648,910	34,003	56,254
2009	4,997,715	2,581,593	1,532,164	810,034	19,874	54,050
2010	5,311,599	2,360,485	1,957,840	927,637	19,064	46,573
2011	5,515,928	2,124,588	2,302,158	1,013,796	23,540	51,846
2012	6,448,819	1,820,462	2,633,495	1,081,623	26,131	887,108

Source: See Table 7-16.

## **8. MONEY AND BANKING**



### 8-1a. Principal Financial Indicators

End of Year	Monetary Aggregates (M <sub>1B</sub> )	Deposits of Monetary Financial Institutions (1)	Loans & Investments of Monetary Financial Institutions	Reserve Money (2)	Rediscount Rate (percent per annum)
<b>I. Amount (NT\$ billion)</b>					
1961	8	20	20	5	14.40
1965	16	44	41	10	11.52
1970	35	101	99	21	9.80
1975	131	345	382	76	10.75
1980	396	958	1,044	196	11.00
1985	750	2,583	1,990	422	5.25
1987 (3)	1,563	3,964	2,455	700	4.50
1988	1,945	4,881	3,395	882	4.50
1989	2,063	5,867	4,410	1,155	7.75
1990	1,926	6,471	5,063	1,156	7.75
1991	2,158	7,577	6,190	1,265	6.25
1992	2,426	9,074	7,961	1,412	5.63
1993	2,797	10,454	9,511	1,501	5.50
1994	3,139	12,031	10,956	1,669	5.50
1995	3,163	13,131	12,100	1,638	5.50
1996	3,426	14,261	13,052	1,653	5.00
1997	3,715	15,421	14,352	1,641	5.25
1998	3,855	16,697	15,472	1,665	4.75
1999	4,507	18,064	16,025	1,643	4.50
2000	4,492	19,309	16,622	1,583	4.63
2001	5,026	20,136	16,489	1,456	2.13
2002	5,492	20,573	16,078	1,569	1.63
2003	6,553	21,680	16,535	1,619	1.38
2004	7,368	23,148	17,964	1,718	1.75
2005	7,871	24,612	19,360	1,759	2.25
2006	8,223	25,812	20,154	1,883	2.75
2007	8,220	26,053	20,627	1,948	3.38
2008	8,154	27,865	21,332	2,125	2.00
2009	10,512	29,449	21,482	2,304	1.25
2010	11,457	31,006	22,804	2,502	1.63
2011	11,830	32,302	24,173	2,721	1.88
2012	12,418	33,300	25,549	2,902	1.88

(1) The carrying values of the host contracts of structured products issued by banks are excluded from deposits from 2001.

(2) Referring to reserves held by deposit money banks and currency outside monetary institutions.

(3) The postal savings system is included with monetary institutions in 1987 and after.

Source: The Central Bank of the Republic of China (Taiwan), *Financial Statistics Monthly, Taiwan Area, R.O.C. (Taiwan)*, March 2013.

8-1b. Principal Financial Indicators (Continued)

End of Year	Monetary Aggregates (M1B)	Deposits of Monetary Financial Institutions (1)	Loans & Investments of Monetary Financial Institutions	Reserve Money (2)
<b>II. Percentage Change from Previous Year (%)</b>				
1962	5.0	16.5	23.5	8.3
1965	15.6	16.5	21.0	14.1
1970	15.0	19.5	17.7	17.3
1975	28.8	26.9	30.0	15.9
1980	22.7	17.1	26.6	16.6
1985	12.2	22.7	6.4	16.5
1987 (3)	37.7	24.7	16.6	27.3
1988	24.4	23.1	38.3	26.0
1989	6.0	20.2	29.9	31.0
1990	-6.7	10.3	14.8	0.1
1991	12.1	17.1	22.2	9.4
1992	12.4	19.8	28.6	11.6
1993	15.3	15.2	19.5	6.3
1994	12.2	15.1	15.2	11.1
1995	0.8	9.1	10.4	-1.8
1996	8.3	8.6	7.9	0.9
1997	8.4	8.1	10.0	-0.7
1998	3.8	8.3	7.8	1.5
1999	16.9	8.2	3.6	-1.3
2000	-0.3	6.9	3.7	-3.6
2001	11.9	4.3	-0.8	-8.0
2002	9.3	2.2	-2.5	7.7
2003	19.3	5.4	2.8	3.2
2004	12.4	6.8	8.6	6.1
2005	6.8	6.3	7.8	2.4
2006	4.5	4.9	4.1	7.1
2007	-0.03	0.9	2.3	3.4
2008	-0.8	7.0	3.4	9.1
2009	28.9	5.7	0.7	8.4
2010	9.0	5.3	6.2	8.6
2011	3.3	4.2	6.0	8.8
2012	5.0	3.1	5.7	6.7

(1) See note (1) of Table 8-1a.

(2) See note (2) of Table 8-1a.

(3) See note (3) of Table 8-1a.

8-2a. Number of Financial Institutions

End of Year	Total		Central Bank	Domestic Banks		Local Branches of Foreign and Mainland Chinese Banks		Credit Co-operative associations	
	Head Offices	Branches		Head Offices	Branches	Head Offices	Branches	Head Offices	Branches
1988	452	3,138	1	24	903	32	35	74	308
1989	459	3,318	1	24	953	33	38	74	358
1990	467	3,488	1	24	996	35	43	74	399
1991	471	3,640	1	25	1,046	36	47	74	425
1992	494	3,852	1	40	1,212	36	50	74	439
1993	501	4,111	1	41	1,382	37	55	74	482
1994	503	4,410	1	42	1,577	37	57	74	530
1995	503	4,745	1	42	1,807	38	58	73	556
1996	507	4,981	1	42	1,936	41	65	73	595
1997	509	5,181	1	47	2,176	45	69	64	505
1998	501	5,368	1	48	2,404	46	72	54	446
1999	495	5,531	1	52	2,576	41	71	50	416
2000	491	5,636	1	53	2,693	39	70	48	394
2001	448	5,841	1	53	3,005	38	69	39	373
2002	437	5,850	1	52	3,068	36	68	37	358
2003	433	5,930	1	50	3,173	36	69	35	341
2004	428	5,922	1	49	3,189	35	67	32	319
2005	422	5,943	1	46	3,239	36	68	29	295
2006	415	5,970	1	43	3,285	33	64	28	289
2007	417	5,977	1	40	3,313	32	83	27	267
2008	418	5,991	1	38	3,264	32	141	27	271
2009	428	5,973	1	38	3,279	32	133	26	258
2010	425	5,989	1	38	3,334	28	92	26	261
2011	425	6,016	1	38	3,359	28	92	25	255
2012	427	6,034	1	39	3,416	30	51	24	255

Source: See Table 8-1a.

8-2b. Number of Financial Institutions (Continued)

End of Year	Credit Department of Farmers' Associations		Credit Department of Fishermen's Associations		Chunghwa Post Co. (Excluding Life Insurance)		Investment and Trust Companies		Life Insurance Companies	
	Head Offices	Branches	Head Offices	Branches	Head Offices	Branches	Head Offices	Branches	Head Offices	Branches
1987	282	603	19	11	1	1,158	8	31	8	59
1988	282	614	22	13	1	1,172	8	34	8	59
1989	285	665	22	20	1	1,181	8	44	11	59
1990	285	713	24	31	1	1,201	8	46	15	59
1991	285	754	26	31	1	1,211	8	62	15	64
1992	285	770	27	33	1	1,223	7	54	23	71
1993	285	788	27	34	1	1,243	7	60	28	67
1994	285	827	27	38	1	1,260	6	53	30	68
1995	285	886	27	44	1	1,269	5	49	31	76
1996	285	925	27	47	1	1,273	5	55	32	85
1997	287	943	27	48	1	1,276	5	61	32	103
1998	287	958	27	49	1	1,288	4	43	33	108
1999	287	971	27	49	1	1,296	3	36	33	116
2000	287	973	27	49	1	1,305	3	36	32	116
2001	260	883	25	44	1	1,316	3	33	28	118
2002	253	847	25	40	1	1,320	3	29	29	120
2003	253	828	25	39	1	1,322	3	28	29	130
2004	254	827	25	39	1	1,320	3	26	28	135
2005	253	827	25	39	1	1,321	2	20	29	134
2006	253	817	25	40	1	1,320	2	20	29	135
2007	261	811	25	40	1	1,321	1	6	29	136
2008	264	813	25	42	1	1,321	0	0	30	139
2009	275	811	25	42	1	1,321	0	0	30	129
2010	276	810	25	42	1	1,321	0	0	30	129
2011	277	815	25	43	1	1,323	0	0	30	129
2012	277	817	25	43	1	1,323	0	0	30	129

Source: See Table 8-1a.

8-3a. Non-financial Sector Sources of Funds

A. Stocks

End of Year	All Sources (A)+(B)	Financing through Intermediaries			Financing through Securities Markets (1) (B)	Securities Issues						
		Total (A)	Loans and Investments			Total	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
			Loans	Investments								
I. Amount (NT\$ billion)												
1986	2,545	2,257	2,010	246	288	534	241	155	47	0	92	0
1989	5,316	4,773	4,383	391	543	933	471	192	45	3	223	0
1990	6,105	5,547	4,986	562	558	1,119	529	347	52	3	189	0
1991	7,626	6,802	6,126	676	825	1,501	620	345	65	7	464	0
1992	9,584	8,586	7,704	882	997	1,880	740	396	67	45	631	0
1993	11,386	10,257	8,978	1,278	1,130	2,408	894	651	60	50	752	0
1994	13,267	11,806	10,466	1,341	1,461	2,802	1,081	729	71	109	813	0
1995	15,143	13,241	11,629	1,612	1,902	3,514	1,498	922	92	131	872	0
1996	17,016	14,613	12,350	2,263	2,402	4,666	1,894	1,364	250	147	1,011	0
1997	19,555	16,284	13,898	2,385	3,272	5,657	2,656	1,428	323	195	1,055	0
1998	21,924	17,688	14,785	2,903	4,236	7,140	3,525	1,802	519	195	1,099	0
1999	23,512	18,729	15,739	2,991	4,783	7,773	4,046	1,505	590	238	1,395	0
2000	25,449	19,932	16,792	3,141	5,516	8,657	4,856	1,266	707	302	1,525	0
2001	26,447	20,527	16,992	3,535	5,921	9,455	5,265	1,111	809	363	1,908	0
2002	27,433	20,952	17,064	3,888	6,482	10,369	5,553	878	1,007	537	2,395	0
2003	29,352	21,668	17,776	3,892	7,684	11,577	5,856	816	1,177	1,055	2,649	25
2004	31,710	23,484	19,345	4,138	8,227	12,534	6,160	783	1,216	1,329	2,984	63
2005	33,979	25,264	20,804	4,460	8,716	13,344	6,544	755	1,192	1,452	3,187	214
2006	35,309	26,622	21,624	4,997	8,688	13,786	6,750	726	1,151	1,407	3,410	342
2007	36,421	27,587	22,361	5,226	8,833	14,109	6,836	673	1,105	1,521	3,548	426
2008	37,402	28,799	23,011	5,789	8,603	14,436	6,932	695	1,139	1,494	3,843	333
2009	37,976	29,192	23,144	6,048	8,785	14,857	7,080	656	1,137	1,533	4,186	264
2010	39,734	30,868	24,386	6,482	8,866	15,406	7,122	692	1,202	1,598	4,574	217
2011	41,700	32,652	25,528	7,124	9,048	16,220	7,430	741	1,351	1,695	4,825	178
2012	43,525	34,342	26,337	8,005	9,183	17,299	7,648	1,028	1,620	1,726	5,130	148

(1) Since 2004, bank reverse repos (RS) have been reclassified from “securities investment” to “deposits.” The computation for Reduction of Direct Finance originally should not have included bank RS trade balance, but up to 2003, banks did not report RS related data, which is now untraceable. Hence, to ensure consistency with the 2003 comparison basis, from 2004 this item still excludes the bank RS transaction balance.

## 8-3b. Non-financial Sector Sources of Funds (Continued)

## A. Stocks

End of Year	All Sources (A)+(B)	Financing through Intermediaries			Financing through Securities Markets (B)	Securities Issues						
		Total (A)	Loans and Investments			Total	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
			Loans	Investments								
II. Percentage (%)												
1986	100.0	88.7	79.0	9.7	11.3	21.0	9.5	6.1	1.8	0.0	3.6	-
1989	100.0	89.8	82.4	7.4	10.2	17.6	8.9	3.6	0.9	0.0	4.2	0
1990	100.0	90.9	81.7	9.2	9.1	18.3	8.7	5.7	0.8	0.0	3.1	0
1991	100.0	89.2	80.3	8.9	10.8	19.7	8.1	4.5	0.9	0.1	6.1	0
1992	100.0	89.6	80.4	9.2	10.4	19.6	7.7	4.1	0.7	0.5	6.6	0
1993	100.0	90.1	78.9	11.2	9.9	21.1	7.9	5.7	0.5	0.4	6.6	0
1994	100.0	89.0	78.9	10.1	11.0	21.1	8.1	5.5	0.5	0.8	6.1	0
1995	100.0	87.4	76.8	10.6	12.6	23.2	9.9	6.1	0.6	0.9	5.8	0
1996	100.0	85.9	72.6	13.3	14.1	27.4	11.1	8.0	1.5	0.9	5.9	0
1997	100.0	83.3	71.1	12.2	16.7	28.9	13.6	7.3	1.7	1.0	5.4	0
1998	100.0	80.7	67.4	13.2	19.3	32.6	16.1	8.2	2.4	0.9	5.0	0
1999	100.0	79.7	66.9	12.7	20.3	33.1	17.2	6.4	2.5	1.0	5.9	0
2000	100.0	78.3	66.0	12.3	21.7	34.0	19.1	5.0	2.8	1.2	6.0	0
2001	100.0	77.6	64.2	13.4	22.4	35.8	19.9	4.2	3.1	1.4	7.2	0
2002	100.0	76.4	62.2	14.2	23.6	37.8	20.2	3.2	3.7	2.0	8.7	0
2003	100.0	73.8	60.6	13.3	26.2	39.4	20.0	2.8	4.0	3.6	9.0	0.1
2004	100.0	74.1	61.0	13.1	25.9	39.5	19.4	2.5	3.8	4.2	9.4	0.2
2005	100.0	74.4	61.2	13.1	25.6	39.3	19.3	2.2	3.5	4.3	9.4	0.6
2006	100.0	75.4	61.2	14.2	24.6	39.0	19.1	2.1	3.3	4.0	9.7	1.0
2007	100.0	75.7	61.4	14.3	24.3	38.7	18.8	1.8	3.0	4.2	9.7	1.2
2008	100.0	77.0	61.5	15.5	23.0	38.6	18.5	1.9	3.0	4.0	10.3	0.9
2009	100.0	76.9	60.9	15.9	23.1	39.1	18.6	1.7	3.0	4.0	11.0	0.7
2010	100.0	77.7	61.4	16.3	22.3	38.8	17.9	1.7	3.0	4.0	11.5	0.5
2011	100.0	78.3	61.2	17.1	21.7	38.9	17.8	1.8	3.2	4.1	11.6	0.4
2012	100.0	78.9	60.5	18.4	21.1	39.7	17.6	2.4	3.7	4.0	11.8	0.3

## 8-3c. Non-financial Sector Sources of Funds (Continued)

## B. Flows

End of Year	All Sources (A)+(B)	Financing through Intermediaries		Financing through Securities Markets (1) (B)	Securities Issues							
		Total (A)	Loans and Investments		Total	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates	
			Loans									Investments
I. Amount (NT\$ billion)												
1986	261	267	262	5	-6	-1	9	-41	8	0	24	0
1989	1,181	1,122	1,020	102	59	161	65	62	-7	3	37	0
1990	763	763	592	171	0	171	43	155	6	0	-34	0
1991	1,471	1,263	1,149	114	209	323	33	-3	14	4	275	0
1992	1,910	1,801	1,595	206	108	315	55	52	1	39	168	0
1993	1,724	1,680	1,284	396	44	440	66	255	-6	4	121	0
1994	1,859	1,599	1,537	63	260	323	116	78	10	59	60	0
1995	1,442	1,305	1,034	271	138	409	113	193	21	22	59	0
1996	1,626	1,373	721	651	253	905	149	442	158	16	139	0
1997	2,278	1,670	1,548	122	608	730	501	65	73	48	44	0
1998	1,935	1,404	887	518	531	1,049	435	373	196	1	44	0
1999	1,289	1,041	954	87	248	335	222	-297	71	42	296	0
2000	1,377	1,203	1,053	150	174	324	250	-238	117	64	130	0
2001	665	595	201	394	71	465	76	-156	101	60	383	0
2002	808	425	72	353	383	736	110	-233	199	174	486	0
2003	1,677	716	712	5	961	966	62	-62	170	518	254	25
2004	2,129	1,816	1,570	246	313	728	75	-32	39	274	335	38
2005	1,962	1,780	1,459	322	182	503	76	-29	-24	124	204	152
2006	1,206	1,358	821	537	-151	318	83	-29	-41	-46	223	128
2007	1,048	966	737	229	83	259	23	-52	-47	114	138	84
2008	896	1,212	649	563	-316	242	11	22	34	-27	295	-93
2009	535	392	133	259	143	382	110	-39	-2	39	343	-69
2010	1,842	1,676	1,243	434	166	633	126	36	65	65	388	-48
2011	1,803	1,784	1,141	643	19	651	145	49	149	97	250	-39
2012	1,707	1,690	809	881	17	962	100	287	269	31	305	-30

(1) See note (1) of Table 8-3a.

Source: See Table 8-3a.

## 8-3d. Non-financial Sector Sources of Funds (Continued)

## B. Flows

End of Year	All Sources (A)+(B)	Financing through Intermediaries			Financing through Securities Markets (B)	Securities Issues						
		Total (A)	Loans and Investments			Total	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
			Loans	Investments								
II. Percentage (%)												
1986	100.0	102.2	100.2	2.0	-2.2	-0.2	3.5	-15.7	2.9	0.0	9.1	-
1989	100.0	95.0	86.4	8.7	5.0	13.6	5.5	5.3	-0.6	0.2	3.1	0
1990	100.0	100.0	77.6	22.4	0.0	22.4	5.7	20.4	0.8	0.0	-4.5	0
1991	100.0	85.8	78.1	7.8	14.2	21.9	2.2	-0.2	0.9	0.3	18.7	0
1992	100.0	94.3	83.5	10.8	5.7	16.5	2.9	2.7	0.1	2.0	8.8	0
1993	100.0	97.4	74.5	23.0	2.6	25.5	3.8	14.8	-0.4	0.3	7.0	0
1994	100.0	86.0	82.6	3.4	14.0	17.4	6.2	4.2	0.6	3.2	3.3	0
1995	100.0	90.5	71.7	18.8	9.5	28.3	7.8	13.4	1.5	1.5	4.1	0
1996	100.0	84.4	44.4	40.1	15.6	55.6	9.2	27.2	9.7	1.0	8.6	0
1997	100.0	73.3	68.0	5.4	26.7	32.0	22.0	2.8	3.2	2.1	1.9	0
1998	100.0	72.6	45.8	26.8	27.4	54.2	22.5	19.3	10.1	0.0	2.3	0
1999	100.0	80.8	74.0	6.8	19.2	26.0	17.3	-23.0	5.5	3.3	23.0	0
2000	100.0	87.4	76.5	10.9	12.6	23.5	18.2	-17.3	8.5	4.7	9.4	0
2001	100.0	89.4	30.2	59.2	10.6	69.8	11.4	-23.4	15.2	9.1	57.6	0
2002	100.0	52.6	8.9	43.7	47.4	91.1	13.6	-28.8	24.6	21.5	60.2	0
2003	100.0	42.7	42.4	0.3	57.3	57.6	3.7	-3.7	10.1	30.9	15.1	1
2004	100.0	85.3	73.7	11.6	14.7	34.2	3.5	-1.5	1.8	12.9	15.7	2
2005	100.0	90.7	74.3	16.4	9.3	25.6	3.9	-1.5	-1.2	6.3	10.4	8
2006	100.0	112.5	68.0	44.5	-12.5	26.4	6.9	-2.4	-3.4	-3.8	18.4	11
2007	100.0	92.1	70.3	21.8	7.9	24.7	2.1	-5.0	-4.4	10.9	13.2	8
2008	100.0	135.3	72.4	62.8	-35.3	27.0	1.2	2.5	3.8	-3.0	32.9	-10
2009	100.0	73.3	24.9	48.5	26.7	71.4	20.5	-7.3	-0.4	7.3	64.1	-13
2010	100.0	91.0	67.5	23.6	9.0	34.4	6.8	2.0	3.5	3.5	21.1	-3
2011	100.0	98.9	63.3	35.6	1.1	36.1	8.0	2.7	8.3	5.4	13.9	-2
2012	100.0	99.0	47.4	51.6	1.0	56.3	5.9	16.8	15.7	1.8	17.9	-2

### 8-4. Monetary Aggregates

Amount unit: NT\$ million

End of Year	Monetary Aggregates (M <sub>1B</sub> )			Monetary Aggregates (M <sub>2</sub> )		Annual Growth Rate (%)	
	Currency Held by the Public (A)	Deposit Money (B)	M <sub>1B</sub> (C=A+B)	Quasi- money (D)	M <sub>2</sub> (E=C+D)	M <sub>1B</sub>	M <sub>2</sub>
1961	3,022	4,677	7,699	9,651	17,350	...	...
1962	3,330	4,756	8,086	11,879	19,965	5.0	15.1
1963	4,054	6,301	10,355	15,764	26,119	28.1	30.8
1964	5,121	8,858	13,979	19,213	33,192	35.0	27.1
1965	5,653	10,506	16,159	22,344	38,503	15.6	16.0
1970	13,327	21,658	34,985	59,046	94,031	15.0	21.1
1975	38,677	92,360	131,037	194,860	325,897	28.8	27.8
1980	109,763	286,430	396,193	543,789	939,982	22.7	21.6
1985	180,843	568,661	749,504	1,838,784	2,588,288	12.2	22.6
1987 (1)	279,878	1,283,261	1,563,139	2,362,347	3,925,486	37.7	23.0
1989	342,585	1,720,197	2,062,782	3,526,655	5,589,437	6.0	18.4
1990	348,407	1,577,240	1,925,647	4,276,244	6,201,891	-6.6	11.0
1991	380,849	1,777,564	2,158,413	5,244,548	7,402,961	12.1	19.4
1992	427,508	1,998,335	2,425,843	6,387,871	8,813,714	12.4	19.1
1993	461,137	2,336,003	2,797,140	7,373,059	10,170,199	15.3	15.4
1994	497,747	2,641,523	3,139,270	8,563,516	11,702,786	12.2	15.1
1995	506,694	2,656,407	3,163,101	9,642,264	12,805,365	0.8	9.4
1996	498,513	2,927,545	3,426,058	10,547,818	13,973,876	8.3	9.1
1997	510,364	3,204,888	3,715,252	11,379,107	15,094,359	8.4	8.0
1998	513,745	3,341,039	3,854,784	12,531,938	16,386,722	3.8	8.6
1999	611,167	3,896,013	4,507,180	13,237,833	17,745,013	16.9	8.3
2000	527,748	3,964,324	4,492,072	14,405,725	18,897,797	-0.3	6.5
2001	525,659	4,500,201	5,025,860	14,686,637	19,712,497	11.9	4.3
2002	527,278	4,964,311	5,491,589	14,718,897	20,210,486	9.3	2.5
2003	608,205	5,944,627	6,552,832	14,805,445	21,358,277	19.3	5.7
2004	669,848	6,698,152	7,368,000	15,525,077	22,893,077	12.4	7.2
2005	730,367	7,140,781	7,871,148	16,538,930	24,410,078	6.8	6.6
2006	758,721	7,463,905	8,222,626	17,445,600	25,668,226	4.5	5.2
2007	762,627	7,457,350	8,219,977	17,663,127	25,883,104	-0.03	0.8
2008	833,537	7,320,167	8,153,704	19,596,774	27,750,478	-0.8	7.2
2009	912,618	9,598,968	10,511,586	18,843,976	29,355,562	28.9	5.8
2010	995,853	10,461,273	11,457,126	19,496,633	30,953,759	9.0	5.4
2011	1,107,344	10,722,872	11,830,216	20,621,704	32,451,920	3.3	4.8
2012	1,203,212	11,215,168	12,418,380	21,155,874	33,574,254	5.0	3.5

(1) See note (3) of Table 8-1a.

Source: See Table 8-1a.

8-5. Factors Affecting Monetary Aggregate (M<sub>1B</sub>)

End of Year	Claims on Gov't	Claims on Gov't Enterprises	Claims on Private Enterprises & Others	Net Foreign Assets (1)	Quasi-money	Government Deposits	Other Items (Net)	Monetary Aggregates (M <sub>1B</sub> )
Changes in Monetary Aggregate (NT\$ million): (+) Increase in Monetary Aggregate, (-) Decrease in Monetary Aggregate								
1987/1986	+ 117,846	+ 220,918	+ 2,115,903	+ 693,967	- 2,362,347	- 318,752	+ 1,095,604	+ 1,563,139
1990/1989	+ 3,215	+ 50,578	+ 600,001	+ 6,837	- 749,589	+ 2,407	- 50,584	- 137,135
1995/1994	+ 196,171	+ 12,065	+ 936,435	- 47,605	- 1,078,748	- 5,914	+ 11,427	+ 23,831
1996/1995	+ 342,421	- 9,483	+ 618,557	+ 165,278	- 905,554	+ 46,738	+ 5,000	+ 262,957
1997/1996	+ 341,427	+ 13,620	+ 945,219	- 27,864	- 831,289	- 51,750	- 100,169	+ 289,194
1998/1997	+ 162,221	- 2,260	+ 959,635	+ 245,456	- 1,152,831	+ 13,374	- 86,063	+ 139,532
1999/1998	+ 354,313	- 22,900	+ 221,888	+ 816,080	- 705,895	- 106,418	+ 95,328	+ 652,396
2000/1999	+ 330,027	+ 23,190	+ 243,834	+ 468,971	- 1,167,892	- 8,298	+ 95,060	- 15,108
2001/2000	+ 255,686	+ 79,908	- 468,288	+ 820,260	- 280,912	- 10,750	+ 137,884	+ 533,788
2002/2001	- 43,520	+ 17,907	- 385,672	+ 973,607	- 32,260	+ 59,309	- 123,642	+ 465,729
2003/2002	+ 45,474	- 45,246	+ 456,829	+ 1,025,622	- 86,548	- 39,527	- 295,361	+ 1,061,243
2004/2003	- 117,913	+ 52,599	+ 1,494,269	+ 719,117	- 719,632	+ 4,410	- 617,682	+ 815,168
2005/2004	- 65,400	+ 117,067	+ 1,344,522	+ 627,642	- 1,013,853	- 6,718	- 500,112	+ 503,148
2006/2005	+ 68,627	- 17,095	+ 742,175	+ 493,211	- 906,670	+ 29,933	- 58,703	+ 351,478
2007/2006	- 112,783	+ 71,797	+ 513,984	+ 172,633	- 217,527	- 30,076	- 400,677	- 2,649
2008/2007	+ 119,816	+ 281,625	+ 303,175	+ 1,458,757	- 1,933,647	- 16,185	- 279,814	- 66,273
2009/2008	+ 428,346	- 81,264	- 196,261	+ 2,148,277	+ 752,798	- 57,380	- 636,634	+ 2,357,882
2010/2009	+ 114,269	+ 60,130	+ 1,146,976	+ 926,457	- 652,657	- 42,164	- 607,471	+ 945,540
2011/2010	+ 162,067	+ 67,292	+ 1,139,847	+ 207,066	- 1,125,071	+ 90,172	- 168,283	+ 373,090
2012/2011	+ 359,645	+ 21,203	+ 995,073	+ 449,923	- 534,170	+ 28,382	- 731,892	+ 588,164

(1) Excluding valuation changes resulting from the fluctuation of the exchange rates of the N.T. dollar against foreign currencies.

Source: See Table 8-1a.

8-6a. Deposits of All Banks by Account (1)

End of Year	Total	Checking Accounts	Passbook Deposits	Passbook Savings Deposits	Time Deposits (2)	Fixed Savings Deposits	Government Deposits	Foreign Currency Deposits (2)
I. Amount (NT\$ million)								
1968	43,681	7,183	5,954	366	7,032	14,644	7,518	984
1970	62,375	8,401	6,343	2,150	8,707	25,091	10,125	1,558
1975	217,557	32,221	24,443	13,218	42,610	73,947	29,278	1,840
1980	560,219	71,937	66,240	51,663	120,707	171,851	74,558	3,263
1984	1,075,513	88,936	79,877	126,891	200,275	447,161	121,603	10,770
1985	1,337,255	95,882	86,557	160,838	238,406	596,466	132,337	26,769
1986	1,640,725	138,276	162,874	271,519	324,793	589,212	145,533	8,518
1987	2,042,571	172,586	222,437	410,899	382,679	637,464	208,913	7,593
1988	2,509,801	194,944	298,124	517,235	529,229	711,898	239,899	18,472
1989	3,038,254	216,213	363,120	462,838	773,729	878,726	320,995	22,633
1990	3,225,168	198,975	294,707	449,813	871,340	1,025,876	332,856	51,601
1991	3,712,749	205,292	318,727	528,771	956,052	1,286,410	377,676	39,821
1992	4,445,288	215,782	337,815	618,475	1,035,307	1,658,931	525,214	53,764
1993	5,102,430	232,341	403,426	736,034	1,061,466	2,001,058	589,542	78,563
1994	5,907,824	245,351	450,961	868,322	1,337,848	2,282,525	634,794	88,023
1995	6,580,107	245,112	419,969	965,394	1,493,059	2,710,917	603,638	142,018
1996	7,318,876	246,799	493,871	1,134,537	1,622,920	3,048,624	566,770	205,355
1997	10,283,738	286,812	718,907	1,607,384	2,658,323	3,814,955	627,452	569,905
1998	11,609,415	274,765	774,065	1,741,330	3,202,380	4,389,795	623,535	603,545
1999	12,650,359	314,589	865,079	2,148,557	2,920,679	5,077,514	670,058	653,883
2000	13,677,441	305,361	901,913	2,218,115	2,974,359	5,384,984	715,766	1,176,943
2001	14,549,914	262,907	974,428	2,732,491	2,698,648	5,998,472	764,115	1,118,853
2002	14,962,324	266,924	1,135,873	3,004,532	2,592,899	6,227,899	691,510	1,042,687
2003	15,946,296	302,514	1,432,552	3,581,971	2,462,073	6,286,335	709,255	1,171,596
2004	17,083,597	306,991	1,603,533	4,099,189	2,656,630	6,412,415	682,356	1,322,483
2005	18,176,571	367,518	1,675,419	4,376,876	2,812,712	6,773,599	662,940	1,507,507
2006	19,034,099	353,337	1,742,254	4,633,833	3,043,863	6,826,237	646,800	1,787,775
2007	19,313,771	309,441	1,872,375	4,567,477	3,271,568	6,599,377	641,256	2,052,277
2008	20,993,573	306,201	1,873,651	4,441,902	4,299,186	7,018,205	652,350	2,402,078
2009	22,340,848	325,555	2,451,404	6,012,088	3,977,688	6,559,138	596,183	2,418,792
2010	23,598,177	340,176	2,688,197	6,542,247	4,208,838	6,546,483	697,030	2,575,206
2011	24,783,296	392,811	2,759,715	6,656,912	4,616,645	7,000,791	678,018	2,678,404
2012	25,587,343	395,457	2,855,877	6,989,201	4,557,763	7,256,995	656,739	2,875,311

(1) Includes the data of domestic banks and the local branches of foreign and Mainland Chinese banks.

(2) Beginning Jan. 2010, the carrying value of the host contracts of structured products issued by banks are excluded from deposits.

Source: See Table 8-1a.

## 8-6b. Deposits of All Banks by Account (Continued) (1)

End of Year	Total	Checking Accounts	Passbook Deposits	Passbook Savings Deposits	Time Deposits (2)	Fixed Savings Deposits	Government Deposits	Foreign Currency Deposits (2)
II. Percentage (%)								
1968	100.0	16.4	13.6	0.9	16.1	33.5	17.2	2.3
1970	100.0	13.5	10.2	3.4	14.0	40.2	16.2	2.5
1975	100.0	14.8	11.2	6.1	19.6	34.0	13.5	0.8
1980	100.0	12.8	11.8	9.2	21.6	30.7	13.3	0.6
1984	100.0	8.3	7.4	11.8	18.6	41.6	11.3	1.0
1985	100.0	7.2	6.5	12.0	17.8	44.6	9.9	2.0
1986	100.0	8.4	9.9	16.6	19.8	35.9	8.9	0.5
1987	100.0	8.5	10.9	20.1	18.7	31.2	10.2	0.4
1988	100.0	7.8	11.9	20.6	21.1	28.4	9.5	0.7
1989	100.0	7.1	12.0	15.2	25.5	28.9	10.6	0.7
1990	100.0	6.2	9.1	13.9	27.0	31.8	10.3	1.6
1991	100.0	5.5	8.6	14.2	25.8	34.6	10.2	1.1
1992	100.0	4.9	7.6	13.9	23.3	37.3	11.8	1.2
1993	100.0	4.6	7.9	14.4	20.8	39.2	11.6	1.5
1994	100.0	4.2	7.6	14.7	22.6	38.6	10.7	1.5
1995	100.0	3.7	6.4	14.7	22.7	41.2	9.2	2.2
1996	100.0	3.4	6.7	15.5	22.2	41.7	7.7	2.8
1997	100.0	2.8	7.0	15.6	25.8	37.1	6.1	5.5
1998	100.0	2.4	6.7	15.0	27.6	37.8	5.4	5.2
1999	100.0	2.5	6.8	17.0	23.1	40.1	5.3	5.2
2000	100.0	2.2	6.6	16.2	21.7	39.4	5.2	8.6
2001	100.0	1.8	6.7	18.8	18.5	41.2	5.3	7.7
2002	100.0	1.8	7.6	20.1	17.3	41.6	4.6	7.0
2003	100.0	1.9	9.0	22.5	15.4	39.4	4.4	7.3
2004	100.0	1.8	9.4	24.0	15.6	37.5	4.0	7.7
2005	100.0	2.0	9.2	24.1	15.5	37.3	3.6	8.3
2006	100.0	1.9	9.2	24.3	16.0	35.9	3.4	9.4
2007	100.0	1.6	9.7	23.6	16.9	34.2	3.3	10.6
2008	100.0	1.5	8.9	21.2	20.5	33.4	3.1	11.4
2009	100.0	1.5	11.0	26.9	17.8	29.4	2.7	10.8
2010	100.0	1.4	11.4	27.7	17.8	27.7	3.0	10.9
2011	100.0	1.6	11.1	26.9	18.6	28.2	2.7	10.8
2012	100.0	1.5	11.2	27.3	17.8	28.4	2.6	11.2

(1) Includes the data of domestic banks and the local branches of foreign and Mainland Chinese banks.

164 (2) Beginning Jan. 2010, the carrying value of the host contracts of structured products issued by banks are excluded from deposits.

## 8-7a. Total Deposits with Monetary Financial Institutions

End of Year	Total	Deposit Money	Quasi-money	Government Deposits
I. Amount (NT\$ million)				
1961	20,157	4,677	9,651	5,829
1965	43,994	10,506	22,344	11,144
1970	101,234	21,658	59,046	20,530
1975	345,259	92,360	194,860	58,039
1980	957,996	286,430	543,789	127,777
1985	2,583,051	568,661	1,838,784	175,606
1986	3,178,474	906,817	2,056,487	215,170
1987	3,964,360	1,283,261	2,362,347	318,752
1988	4,881,231	1,629,849	2,777,192	474,190
1989	5,867,274	1,720,197	3,526,655	620,422
1990	6,471,499	1,577,240	4,276,244	618,015
1991	7,576,454	1,777,564	5,244,548	554,342
1992	9,074,056	1,998,335	6,387,871	687,850
1993	10,454,439	2,336,003	7,373,059	745,377
1994	12,031,396	2,641,523	8,563,516	826,357
1995	13,130,942	2,656,407	9,642,264	832,271
1996	14,260,896	2,927,545	10,547,818	785,533
1997	15,421,618	3,204,888	11,379,107	837,623
1998	16,697,004	3,341,039	12,531,938	824,027
1999	18,064,287	3,896,013	13,237,833	930,441
2000	19,308,786	3,964,324	14,405,725	938,737
2001	20,136,238	4,500,201	14,686,637	949,400
2002	20,573,363	4,964,311	14,718,897	890,155
2003	21,679,769	5,944,627	14,805,445	929,697
2004	23,148,513	6,698,152	15,525,077	925,284
2005	24,611,612	7,140,781	16,538,930	931,901
2006	25,811,473	7,463,905	17,445,600	901,968
2007	26,052,521	7,457,350	17,663,127	932,044
2008	27,865,170	7,320,167	19,596,774	948,229
2009	29,448,553	9,598,968	18,843,976	1,005,609
2010	31,005,679	10,461,273	19,496,633	1,047,773
2011	32,302,177	10,722,872	20,621,704	957,601
2012	33,300,261	11,215,168	21,155,874	929,219

Source: See Table 8-1a.

## 8-7b. Total Deposits with Monetary Financial Institutions (Continued)

End of Year	Total	Deposit Money	Quasi-money	Government Deposits
II. Percentage (%)				
1961	100.0	23.2	47.9	28.9
1965	100.0	23.9	50.8	25.3
1970	100.0	21.4	58.3	20.3
1975	100.0	26.8	56.4	16.8
1980	100.0	29.9	56.8	13.3
1985	100.0	22.0	71.2	6.8
1986	100.0	28.5	64.7	6.8
1987	100.0	32.4	59.6	8.0
1988	100.0	33.4	56.9	9.7
1989	100.0	29.3	60.1	10.6
1990	100.0	24.4	66.1	9.5
1991	100.0	23.5	69.2	7.3
1992	100.0	22.0	70.4	7.6
1993	100.0	22.3	70.5	7.1
1994	100.0	22.0	71.2	6.9
1995	100.0	20.2	73.4	6.3
1996	100.0	20.5	74.0	5.5
1997	100.0	20.8	73.8	5.4
1998	100.0	20.0	75.1	4.9
1999	100.0	21.6	73.3	5.2
2000	100.0	20.5	74.6	4.9
2001	100.0	22.3	72.9	4.7
2002	100.0	24.1	71.5	4.3
2003	100.0	27.4	68.3	4.3
2004	100.0	28.9	67.1	4.0
2005	100.0	29.0	67.2	3.8
2006	100.0	28.9	67.6	3.5
2007	100.0	28.6	67.8	3.6
2008	100.0	26.3	70.3	3.4
2009	100.0	32.6	64.0	3.4
2010	100.0	33.7	62.9	3.4
2011	100.0	33.2	63.8	3.0
2012	100.0	33.7	63.5	2.8

8-8a. Deposits with All Banks by Depositor

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
I. Amount (NT\$ million)					
1968	43,681	7,518	1,678	9,961	24,524
1970	62,375	10,125	2,445	12,058	37,747
1975	217,557	29,278	18,647	46,081	123,551
1980	560,219	74,558	55,098	110,405	320,158
1985	1,337,255	132,337	103,083	185,869	915,966
1987	2,042,571	208,913	85,370	341,486	1,406,802
1988	2,509,801	239,899	96,604	422,296	1,751,002
1989	3,048,802	320,995	160,435	538,338	2,029,034
1990	3,241,428	332,856	152,671	576,857	2,179,044
1991	3,728,216	377,676	134,414	726,106	2,490,020
1992	4,445,288	525,214	155,517	813,462	2,951,095
1993	5,102,430	589,542	183,876	928,473	3,400,539
1994	5,907,824	634,794	181,669	1,112,484	3,978,877
1995	6,580,107	603,638	180,782	1,290,396	4,505,291
1996	7,318,876	566,770	200,072	1,503,568	5,048,466
1997	10,283,738	627,452	237,540	2,102,501	7,316,245
1998	11,609,415	623,535	272,959	2,396,257	8,316,664
1999	12,650,359	670,058	273,531	2,621,048	9,085,722
2000	13,677,441	715,766	263,719	3,183,907	9,514,049
2001	14,549,914	764,115	158,724	2,992,014	10,635,061
2002	14,962,324	691,510	144,320	3,103,038	11,023,456
2003	15,946,296	709,255	149,807	3,396,383	11,690,851
2004	17,083,597	682,356	139,598	3,668,909	12,592,734
2005	18,176,571	662,940	150,897	3,880,723	13,482,011
2006	19,034,099	646,800	159,822	4,102,334	14,125,143
2007	19,313,771	641,256	158,000	4,323,403	14,191,112
2008	20,993,573	652,350	170,712	4,975,307	15,195,204
2009	22,340,848	596,183	133,710	5,517,062	16,093,893
2010	23,598,177	697,030	148,579	6,042,860	16,709,708
2011	24,783,296	678,018	151,437	6,339,864	17,613,977
2012	25,587,343	656,739	151,315	6,500,070	18,279,219

Note: Figures up to 1996 are for deposits in domestic banks, and from 1997 for deposits in all banks (domestic banks and the local branches of foreign banks).

Source: See Table 8-1a.

## 8-8b. Deposits with All Banks by Depositor (Continued)

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
II. Percentage (%)					
1968	100.0	17.2	3.8	22.8	56.2
1970	100.0	16.2	3.9	19.3	60.6
1975	100.0	13.4	8.6	21.2	56.8
1980	100.0	13.3	9.8	19.7	57.2
1985	100.0	9.9	7.7	13.9	68.5
1987	100.0	10.2	4.2	16.7	68.9
1988	100.0	9.6	3.8	16.8	69.8
1989	100.0	10.5	5.3	17.7	66.5
1990	100.0	10.3	4.7	17.8	67.2
1991	100.0	10.1	3.6	19.5	66.8
1992	100.0	11.8	3.5	18.3	66.4
1993	100.0	11.6	3.6	18.2	66.6
1994	100.0	10.7	3.1	18.8	67.3
1995	100.0	9.2	2.7	19.6	68.5
1996	100.0	7.7	2.7	20.5	69.0
1997	100.0	6.1	2.3	20.4	71.1
1998	100.0	5.4	2.4	20.6	71.6
1999	100.0	5.3	2.2	20.7	71.8
2000	100.0	5.2	1.9	23.3	69.6
2001	100.0	5.3	1.1	20.6	73.1
2002	100.0	4.6	1.0	20.7	73.7
2003	100.0	4.4	0.9	21.3	73.3
2004	100.0	4.0	0.8	21.5	73.7
2005	100.0	3.6	0.8	21.4	74.2
2006	100.0	3.4	0.8	21.6	74.2
2007	100.0	3.3	0.8	22.4	73.5
2008	100.0	3.1	0.8	23.7	72.4
2009	100.0	2.7	0.6	24.7	72.0
2010	100.0	3.0	0.6	25.6	70.8
2011	100.0	2.7	0.6	25.6	71.1
2012	100.0	2.6	0.6	25.4	71.4

## 8-9a. Loans and Discounts at All Banks by Borrower

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
I. Amount (NT\$ million)					
1968	45,153	2,374	7,843	29,516	5,420
1970	68,840	3,306	12,148	45,401	7,985
1975	284,507	5,094	57,568	193,339	28,506
1980	693,599	14,480	169,069	352,948	157,102
1985	1,221,410	38,650	228,588	533,619	420,553
1987	1,592,959	50,551	167,117	673,590	701,701
1988	2,215,397	68,467	172,270	963,059	1,011,601
1989	2,857,725	302,737	201,429	1,156,069	1,197,490
1990	3,141,678	318,689	231,283	1,276,858	1,314,848
1991	3,881,184	371,383	287,364	1,613,542	1,608,895
1992	4,916,138	445,657	339,659	2,136,282	1,994,540
1993	5,652,069	563,134	351,426	2,482,536	2,254,973
1994	6,727,491	759,487	343,168	2,901,343	2,723,493
1995	7,383,950	928,151	358,584	3,032,104	3,065,111
1996	7,861,661	1,132,393	332,853	2,937,680	3,458,735
1997	11,003,565	1,394,000	395,459	4,391,410	4,822,696
1998	11,795,818	1,538,790	365,713	4,778,928	5,112,387
1999	12,537,233	1,724,515	368,757	5,203,737	5,240,224
2000	13,295,437	2,061,110	384,454	5,412,707	5,437,166
2001	13,094,597	2,132,691	460,515	5,157,317	5,344,073
2002	12,872,922	1,932,859	476,744	5,050,185	5,413,134
2003	13,504,740	1,944,921	436,103	5,178,402	5,945,314
2004	14,862,514	1,917,413	456,144	5,544,374	6,944,583
2005	16,098,378	1,782,204	557,852	6,032,762	7,725,560
2006	16,501,114	1,592,716	525,392	6,511,663	7,871,343
2007	16,944,572	1,361,186	591,936	6,903,289	8,088,161
2008	17,378,376	1,252,319	760,190	7,218,230	8,147,637
2009	17,554,377	1,491,377	733,832	6,969,208	8,368,235
2010	18,735,529	1,505,496	791,888	7,559,180	8,878,965
2011	19,819,265	1,537,801	824,558	8,296,101	9,160,805
2012	20,372,531	1,598,606	693,934	8,642,361	9,437,630

Note: Figures up to 1996 are for loans in domestic banks, and from 1997 for loans in all banks (domestic banks and the local branches of foreign banks).

Source: See Table 8-1a.

8-9b. Loans and Discounts at All Banks by Borrower (Continued)

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
II. Percentage (%)					
1968	100.0	5.3	17.4	65.3	12.0
1970	100.0	4.8	17.6	66.0	11.6
1975	100.0	1.8	20.2	68.0	10.0
1980	100.0	2.1	24.4	50.9	22.6
1985	100.0	3.2	18.7	43.7	34.4
1987	100.0	3.2	10.5	42.3	44.0
1988	100.0	3.1	7.8	43.5	45.6
1989	100.0	10.6	7.1	40.4	41.9
1990	100.0	10.1	7.4	40.6	41.9
1991	100.0	9.6	7.4	41.6	41.4
1992	100.0	9.1	6.9	43.5	40.6
1993	100.0	10.0	6.2	43.9	39.9
1994	100.0	11.3	5.1	43.1	40.5
1995	100.0	12.6	4.9	41.1	41.5
1996	100.0	14.4	4.2	37.4	44.0
1997	100.0	12.7	3.6	39.9	43.8
1998	100.0	13.0	3.1	40.5	43.3
1999	100.0	13.8	2.9	41.5	41.8
2000	100.0	15.5	2.9	40.7	40.9
2001	100.0	16.3	3.5	39.4	40.8
2002	100.0	15.0	3.7	39.2	42.1
2003	100.0	14.4	3.2	38.3	44.0
2004	100.0	12.9	3.1	37.3	46.7
2005	100.0	11.1	3.5	37.5	48.0
2006	100.0	9.7	3.2	39.5	47.7
2007	100.0	8.0	3.5	40.7	47.7
2008	100.0	7.2	4.4	41.5	46.9
2009	100.0	8.5	4.2	39.7	47.7
2010	100.0	8.0	4.2	40.3	47.4
2011	100.0	7.8	4.2	41.9	46.2
2012	100.0	7.8	3.4	42.4	46.3

## 8-9c. Loans and Discounts at All Banks by Borrower (Continued)

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
III. Amount of Increase over Previous Year (NT\$ million)					
1968	9,191	326	578	7,583	704
1970	11,959	343	2,409	7,718	1,489
1975	69,748	1,223	18,071	41,185	9,269
1980	148,949	1,392	56,950	48,663	41,944
1985	75,304	2,027	-5,313	-6,762	85,352
1987	238,156	8,180	-57,463	123,219	164,220
1988	622,438	17,916	5,153	289,469	309,900
1989	642,328	234,270	29,159	193,010	185,889
1990	283,953	15,952	29,854	120,789	117,358
1991	739,506	52,694	56,081	336,684	294,047
1992	1,034,954	74,274	52,295	522,740	385,645
1993	735,931	117,477	11,767	346,254	260,433
1994	1,075,422	196,353	-8,258	418,807	468,520
1995	656,459	168,664	15,416	130,761	341,618
1996	477,711	204,242	-25,731	-94,424	393,624
1997	3,141,904	261,607	62,606	1,453,730	1,363,961
1998	792,253	144,790	-29,746	387,518	289,691
1999	741,415	185,725	3,044	424,809	127,837
2000	758,204	336,595	15,697	208,970	196,942
2001	-200,840	71,581	76,061	-255,390	-93,093
2002	-221,675	-199,832	16,229	-107,132	69,061
2003	631,818	12,062	-40,641	128,217	532,180
2004	1,357,774	-27,508	20,041	365,972	999,269
2005	1,235,864	-135,209	101,708	488,388	780,977
2006	402,736	-189,488	-32,460	478,901	145,783
2007	443,458	-231,530	66,544	391,626	216,818
2008	433,804	-108,867	168,254	314,941	59,476
2009	176,001	239,058	-26,358	-249,022	220,598
2010	1,181,152	14,119	58,056	589,972	510,730
2011	1,083,736	32,305	32,670	736,921	281,840
2012	553,266	60,805	-130,624	346,260	276,825

8-9d. Loans and Discounts at All Banks by Borrower (Continued)

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
IV. Percentage Change from Previous Year (%)					
1968	25.6	15.9	8.0	34.6	14.9
1970	21.0	11.6	24.7	20.5	22.9
1975	32.5	31.6	45.8	27.1	48.2
1980	27.3	10.6	50.8	16.0	36.4
1985	6.6	5.5	-2.3	-1.3	25.5
1987	17.6	19.3	-25.6	22.4	30.6
1988	39.1	35.4	3.1	43.0	44.2
1989	29.0	342.2	16.9	20.0	18.4
1990	9.9	5.3	14.8	10.4	9.8
1991	23.5	16.5	24.2	26.4	22.4
1992	26.7	20.0	18.2	32.4	24.0
1993	15.0	26.4	3.5	16.2	13.1
1994	19.0	34.9	-2.3	16.9	20.8
1995	9.8	22.2	4.5	4.5	12.5
1996	6.5	22.0	-7.2	-3.1	12.8
1997	40.0	23.1	18.8	49.5	39.4
1998	7.2	10.4	-7.5	8.8	6.0
1999	6.3	12.1	0.8	8.9	2.5
2000	6.0	19.5	4.3	4.0	3.8
2001	-1.5	3.5	19.8	-4.7	-1.7
2002	-1.7	-9.4	3.5	-2.1	1.3
2003	4.9	0.62	-8.5	2.5	9.8
2004	10.1	-1.4	4.6	7.1	16.8
2005	8.3	-7.1	22.3	8.8	11.2
2006	2.5	-10.6	-5.8	7.9	1.9
2007	2.7	-14.5	12.7	6.0	2.8
2008	2.6	-8.0	28.4	4.6	0.7
2009	1.0	19.1	-3.5	-3.4	2.7
2010	6.7	0.9	7.9	8.5	6.1
2011	5.8	2.1	4.1	9.7	3.2
2012	2.8	4.0	-15.8	4.2	3.0

## 8-10. Loans of Other Monetary Financial Institutions

Unit: NT\$ million

End of Year	Total	Domestic Banks	Local Branches of Foreign Banks	Medium Business Banks (1)	Credit Cooperative Associations	Credit Departments of Farmers' and Fishermen's Associations	Chunghwa Post Co.	Money Market Mutual Funds (2)
1961	15,663	12,992	70	601	1,212	788	56	-
1965	33,203	25,506	326	1,863	3,052	2,456	41	-
1970	86,934	68,840	2,979	4,398	6,548	4,169	75	-
1975	362,103	284,507	27,589	12,629	24,386	12,992	415	-
1980	959,486	693,599	85,286	48,292	79,222	53,087	1,751	-
1985	1,742,246	1,221,410	82,744	148,790	147,745	141,557	3,570	-
1987	2,302,278	1,592,959	120,135	221,276	199,393	163,420	5,095	-
1988	3,196,725	2,215,396	137,789	309,915	327,608	199,914	6,103	-
1989	4,150,813	2,857,725	182,731	404,053	431,834	267,367	7,103	-
1990	4,647,350	3,141,679	195,494	472,592	492,089	341,335	4,161	-
1991	5,692,821	3,881,184	223,609	621,165	572,486	392,801	1,576	-
1992	7,274,061	4,916,138	255,529	783,640	767,277	548,612	2,865	-
1993	8,436,954	5,652,069	263,390	894,016	921,294	701,077	5,108	-
1994	9,902,328	6,727,491	280,618	1,054,346	1,020,449	816,967	2,457	-
1995	10,800,729	7,383,950	325,236	1,152,905	1,036,354	899,530	2,754	-
1996	11,203,131	7,861,661	349,531	1,165,811	962,537	860,117	3,474	-
1997	12,508,116	10,595,268	408,297	-	739,606	760,036	4,909	-
1998	13,175,289	11,405,939	389,879	-	655,281	717,790	6,400	-
1999	13,758,015	12,148,297	388,936	-	546,814	670,106	3,862	-
2000	14,426,869	12,896,175	399,262	-	491,716	635,114	4,602	-
2001	14,034,604	12,715,129	379,468	-	387,332	547,766	4,909	-
2002	13,729,353	12,504,851	368,071	-	360,137	491,978	4,316	-
2003	14,332,857	13,131,103	373,637	-	357,067	462,010	9,040	-
2004	15,867,752	14,598,731	430,393	-	353,256	475,174	9,497	701
2005	17,158,349	15,776,663	485,828	-	345,938	528,161	20,612	1,147
2006	17,598,943	16,055,994	539,950	-	358,499	606,904	34,367	3,229
2007	18,021,730	16,390,786	590,747	-	344,089	676,296	18,237	1,575
2008	18,470,098	16,739,070	680,047	-	343,760	698,718	7,069	1,434
2009	18,599,228	17,069,669	507,317	-	328,797	689,440	3,056	949
2010	19,852,506	18,312,190	477,299	-	336,123	719,108	7,046	740
2011	20,960,771	19,232,380	631,168	-	340,178	749,317	6,580	1,148
2012	21,650,271	19,944,503	538,989	-	363,051	800,046	3,154	528

(1) Since 1997, data for Medium Business Banks has been incorporated into data for Domestic Banks.

(2) Including net present value of funds (by holders' sector).

Source: See Table 8-1a.

8-11. Major Liabilities of Other Financial Institutions

Unit: NT\$ million

End of Year	Total	Investment and Trust Companies (1)	Life Insurance Companies (2)
1961	15	-	15
1965	627	-	627
1970	2,228	-	2,228
1975	27,664	19,185	8,479
1980	95,988	62,461	33,527
1985	246,369	108,272	138,097
1988	470,892	168,116	302,776
1989	618,502	252,114	366,388
1990	771,717	362,403	409,314
1991	958,725	481,597	477,128
1992	940,448	325,028	615,420
1993	1,137,530	361,091	776,439
1994	1,228,814	276,617	952,197
1995	1,396,714	260,731	1,135,983
1996	1,605,523	266,438	1,339,085
1997	1,829,959	264,510	1,565,449
1998	2,031,475	205,034	1,826,441
1999	2,304,746	156,301	2,148,445
2000	2,597,310	104,938	2,492,372
2001	3,036,611	117,107	2,919,504
2002	3,610,635	116,233	3,494,402
2003	4,266,848	118,842	4,148,006
2004	4,994,776	121,233	4,873,543
2005	5,820,036	115,552	5,704,484
2006	6,544,534	110,374	6,434,160
2007	7,153,668	13,559	7,140,109
2008	7,842,007	-	7,842,007
2009	8,973,000	-	8,973,000
2010	10,224,292	-	10,224,292
2011	11,182,235	-	11,182,235
2012	12,547,269	-	12,547,269

(1) Beginning Dec. 2008, there are no longer trust and investment companies in operation.

(2) Referring to life insurance reserves.

Source: See Table 8-1a.

## 8-12. Loans of Other Financial Institutions

Unit: NT\$ million

End of Year	Total	Investment and Trust Companies (1)	Life Insurance Companies
1961	239	237	2
1965	954	791	163
1970	2,135	1,623	512
1975	20,722	18,962	1,760
1980	54,009	45,154	8,855
1985	90,615	54,175	36,440
1987	115,530	71,001	44,529
1988	156,956	99,832	57,124
1989	229,657	142,418	87,239
1990	336,193	203,556	132,637
1991	430,848	292,197	138,651
1992	427,977	233,222	194,755
1993	539,301	276,074	263,227
1994	561,222	220,537	340,685
1995	620,948	215,982	404,966
1996	662,136	219,851	442,285
1997	796,007	245,992	550,015
1998	862,490	193,996	668,494
1999	898,137	127,417	770,720
2000	976,350	89,939	886,411
2001	1,030,897	68,428	962,469
2002	1,028,714	50,501	978,213
2003	995,443	53,683	941,760
2004	984,711	62,521	922,190
2005	1,007,872	61,844	946,028
2006	1,093,818	61,786	1,032,032
2007	1,165,453	6,095	1,159,358
2008	1,252,269	-	1,252,269
2009	1,189,617	-	1,189,617
2010	1,181,451	-	1,181,451
2011	1,193,671	-	1,193,671
2012	1,244,507	-	1,244,507

(1) See note (1) of Table 8-11.

Source: See Table 8-1a.

8-13. Foreign Exchange Rates and Bank Interest Rates

End of Month	Foreign Exchange Rates (NT\$/US\$) (1)		Bank Interest Rates (2)	
			Base Lending rate (3)	Time Deposits (3 Months)
	Buying	Selling	(percent per annum)	
Dec. 1968	40.00	40.10	13.32	6.48
Dec. 1970	40.00	40.10	12.60	6.24
Dec. 1975	37.95	38.05	13.25	8.50
Dec. 1980	35.96	36.06	16.20	10.25
Dec. 1985	39.80	39.90	9.50	5.25
Dec. 1987	28.50	28.60	9.00	4.00
Dec. 1988	28.12	28.22	9.00	4.50
Dec. 1989	26.1600		10.38	8.25
Dec. 1990	27.1075		10.00	7.75
Dec. 1991	25.7475		8.62	6.78
Dec. 1992	25.4025		8.30	6.50
Dec. 1993	26.6260		8.00	6.35
Dec. 1994	26.2400		8.00	6.10
Dec. 1995	27.2650		7.80	5.75
Dec. 1996	27.4910		7.53	5.20
Dec. 1997	32.6380		7.65	5.35
Dec. 1998	32.2160		7.87	4.90
Dec. 1999	31.3950		7.84	4.50
Dec. 2000	32.9920		7.94	4.60
Dec. 2001	34.9990		7.60	2.20
Dec. 2002	34.7530		7.31	1.55
Dec. 2003	33.9780		3.33	1.125
Dec. 2004	31.9170		3.45	1.175
Dec. 2005	32.8500		3.74	1.550
Dec. 2006	32.5960		3.99	1.760
Dec. 2007	32.4430		4.41	2.160
Dec. 2008	32.8600		4.54	1.005
Dec. 2009	32.0300		2.50	0.530
Dec. 2010	30.3680		2.60	0.740
Dec. 2011	30.2900		2.79	0.940
Dec. 2012	29.1360		2.81	0.940

(1) Interbank closing rates.

(2) Bank interest rates offered by First Commercial Bank since 1986. (3) Prior to January 28, 2003, the figures represent prime lending rates.

Source: See Table 8-1a.

## **9. PUBLIC FINANCE**



9-1a. Net Government Revenues, Expenditures and Financing of All Levels

Unit: NT\$ million

Period (1)	Current Account			Capital Account			Total Surplus or Deficit (-) (A)+(B)	Financing			
	Net Revenues	Net Expendi- tures	Surplus or Deficit (-) (A)	Net Revenues	Net Expendi- tures	Surplus or Deficit (-) (B)		Net Borrowing	Bond Issuance and Borrowing	Surplus of Previous Fiscal Year	Principal Repay- ment
FY 1970	46,586	35,901	10,685	1,701	11,325	-9,624	1,061	1,001	2,928	0	1,927
1975	123,238	82,915	40,323	3,073	40,643	-37,570	2,753	4,845	1,409	6,314	2,878
1980	327,649	213,738	113,911	13,066	126,625	-113,559	352	23,173	4,612	23,595	5,034
1985	531,075	382,713	148,362	11,527	163,625	-152,098	-3,735	16,045	31,190	2,246	17,391
1989	890,664	577,967	312,697	30,911	629,384	-598,473	-285,776	428,754	430,536	30,422	32,203
1990	1,053,410	702,812	350,599	38,991	394,706	-355,715	-5,117	41,510	88,687	22,053	69,229
1991	997,536	823,188	174,348	52,395	452,425	-400,030	-225,682	247,743	281,609	107,147	141,012
1992	1,218,653	919,058	299,595	38,915	642,872	-603,957	-304,362	319,047	402,036	51,197	134,186
1993	1,352,986	1,025,405	327,581	63,348	730,902	-667,554	-339,972	375,047	440,495	37,540	102,988
1994	1,441,922	1,163,298	278,624	60,832	663,069	-602,237	-323,613	334,367	339,462	82,280	87,375
1995	1,522,624	1,328,425	194,198	36,805	581,641	-544,836	-350,637	378,444	464,536	78,771	164,863
1996	1,550,943	1,383,725	167,218	53,241	460,061	-406,820	-239,602	257,682	365,445	54,348	162,111
1997	1,629,420	1,463,449	165,972	75,338	415,315	-339,976	-174,005	181,317	336,256	33,049	187,988
1998	1,960,620	1,545,052	415,568	92,838	447,542	-354,704	60,864	59,827	236,166	35,726	212,065
1999	1,867,081	1,554,405	312,676	137,313	495,598	-358,285	-45,609	45,899	190,002	23,739	167,842
2000	2,679,563	2,529,683	149,880	105,299	611,253	-505,954	-356,074	376,319	569,451	37,634	230,766
2001	1,809,035	1,771,630	37,405	87,805	500,125	-412,320	-374,915	293,575	432,128	15,862	154,415
2002	1,706,602	1,649,952	56,650	81,317	495,042	-413,725	-357,075	308,550	329,809	64,852	86,111
2003	1,834,654	1,683,569	151,085	114,193	532,946	-418,753	-267,668	368,622	405,686	47,668	84,733
2004	1,845,279	1,703,657	141,622	82,121	541,390	-459,269	-317,647	340,909	454,885	2,626	116,602
2005	2,108,064	1,729,489	378,575	109,976	562,510	-452,534	-73,960	191,731	311,511	5,278	125,058
2006	2,094,023	1,754,091	339,932	82,995	460,134	-377,139	-37,208	75,464	220,810	2,227	147,574
2007	2,189,035	1,801,511	387,524	55,724	488,658	-432,934	-45,411	67,570	183,288	4,732	120,450
2008	2,181,188	1,811,308	369,880	50,425	532,278	-481,853	-111,972	123,946	258,629	52,179	186,862
2009	2,041,412	2,008,372	33,040	72,232	662,526	-590,294	-557,254	534,400	647,164	87,951	200,714
2010	2,062,022	1,911,511	150,511	53,532	655,293	-601,761	-451,251	468,315	668,515	6,502	206,702
2011	2,238,905	2,020,023	218,883	67,268	592,924	-525,657	-306,774	169,685	397,839	842	228,996
2012	2,259,121	2,179,780	79,341	62,083	498,213	-436,130	-356,789	373,065	602,739	22,773	252,447

(1) Before 2000, the fiscal year begins July 1 of preceding year and ends June 30. FY 2000 extends from July 1, 1999, to December 31, 2000. Subsequent fiscal years follow the calendar year (from January 1 to December 31).

Source: The data are provided by the Ministry of Finance, R.O.C.

## 9-1b. Growth Rate of Net Government Revenues, Expenditures and Financing of All Levels (Continued)

Unit: %

Period (1)	Current Account			Capital Account		
	Net Revenues	Net Expenditures	Surplus or Deficit (-)	Net Revenues	Net Expenditures	Surplus or Deficit (-)
FY 1970	10.8	15.6	-2.9	130.2	4.6	-4.6
1975	14.6	32.1	-9.9	22.7	67.5	72.7
1980	21.9	38.5	-0.4	66.7	36.8	34.0
1985	5.6	11.7	-7.6	-10.6	-0.05	0.9
1989	20.7	18.9	24.1	12.1	161.6	181.0
1990	18.3	21.6	12.1	26.1	-37.3	-40.6
1991	-5.3	17.1	-50.3	34.4	14.6	12.5
1992	22.2	11.6	71.8	-25.7	42.1	51.0
1993	11.0	11.6	9.3	62.8	13.7	10.5
1994	6.6	13.4	-14.9	-4.0	-9.3	-9.8
1995	5.6	14.2	-30.3	-39.5	-12.3	-9.5
1996	1.9	4.2	-13.9	44.7	-20.9	-25.3
1997	5.1	5.8	-0.7	41.5	-9.7	-16.4
1998	20.3	5.6	150.4	23.2	7.8	4.3
1999	-4.8	0.6	-24.8	47.9	10.7	1.0
2000	43.5	62.7	-52.1	-23.3	23.3	41.2
2001	-32.5	-30.0	-75.0	-16.6	-18.2	-18.5
2002	-5.7	-6.9	51.5	-7.4	-1.0	0.3
2003	7.5	2.0	166.7	40.4	7.7	1.2
2004	0.6	1.2	-6.3	-28.1	1.6	9.7
2005	14.2	1.5	167.3	33.9	3.9	-1.5
2006	-0.7	1.4	-10.2	-24.5	-18.2	-16.7
2007	4.5	2.7	14.0	-32.9	6.2	14.8
2008	-0.4	0.5	-4.6	-9.5	8.9	11.3
2009	-6.4	10.9	-91.1	43.2	24.5	22.5
2010	1.0	-4.8	355.5	-25.9	-1.1	1.9
2011	8.6	5.7	45.4	25.7	-9.5	-12.6
2012	0.9	7.9	-63.8	-7.7	-16.0	-17.0

9-2a. Net Government Revenues of All Levels by Source

Period (1)	Total	Taxes (2)	Monopolies	Surplus of Public Enterprises & Public Utilities	Fees, Fines & Indemnities	Profits and Sales of Public Properties and Recalled Capital	Others
I. Amount (NT\$ million)							
FY 1955	6,077	4,174	921	250	155	145	432
1960	11,699	6,915	1,886	1,144	271	389	1,094
1965	22,146	11,974	3,273	3,109	822	1,536	1,432
1970	48,287	30,657	6,007	4,937	2,183	2,333	2,169
1975	126,311	84,389	13,115	14,227	6,487	4,084	4,009
1980	340,715	237,187	24,162	33,106	15,573	14,594	16,093
1985	542,603	353,109	41,738	76,779	27,764	13,597	29,616
1987	650,203	415,318	46,137	102,626	29,758	22,850	33,514
1988	765,439	511,637	46,409	111,727	30,266	30,591	34,809
1989	921,575	629,753	47,666	128,210	34,633	34,797	46,516
1990	1,092,401	794,812	52,921	121,418	36,831	42,907	43,512
1991	1,049,931	748,508	60,113	94,835	37,661	58,344	50,470
1992	1,257,568	909,110	58,513	141,045	53,160	46,498	49,241
1993	1,416,334	983,387	62,109	166,471	72,883	80,639	50,845
1994	1,502,754	1,062,778	64,703	184,914	69,577	72,686	48,096
1995	1,559,429	1,170,856	61,408	141,956	87,303	51,629	46,277
1996	1,604,184	1,141,838	55,959	181,094	91,857	69,587	63,849
1997	1,704,759	1,213,274	58,179	180,797	98,451	94,908	59,150
1998	2,053,458	1,339,605	57,448	361,574	107,086	134,321	53,424
1999	2,004,394	1,299,740	55,322	324,851	105,884	162,729	55,869
2000	2,784,862	1,852,451	77,316	458,420	171,956	131,854	92,865
2001	1,896,841	1,200,278	57,563	346,581	118,928	108,081	65,410
2002	1,787,919	1,190,874	346	260,869	170,097	94,260	71,473
2003	1,948,847	1,220,116	-	417,621	118,506	126,803	65,801
2004	1,927,400	1,353,410	-	289,974	127,658	93,954	62,404
2005	2,218,040	1,531,297	-	375,663	132,069	122,804	56,207
2006	2,177,018	1,556,652	-	325,939	133,624	97,408	63,395
2007	2,244,758	1,685,875	-	291,799	141,225	70,826	55,033
2008	2,231,614	1,710,617	-	264,918	140,992	64,674	50,413
2009	2,113,644	1,483,518	-	330,928	133,410	86,342	79,446
2010	2,115,554	1,565,847	-	286,479	139,479	69,617	54,132
2011	2,306,173	1,703,989	-	293,954	137,926	81,488	88,816
2012	2,321,204	1,733,350	-	298,007	162,644	78,488	48,715

(1) See note (1) of Table 9-1a.

(2) Excluding Financial Enterprises Business Tax, Health and Welfare Surcharge on Tobacco, Specifically Selected Goods and Services Tax.

Source: See Table 9-1a.

9-2b. Net Government Revenues of All Levels by Source (Continued)

Period (1)	Total	Taxes (2)	Monopolies	Surplus of Public Enterprises & Public Utilities	Fees, Fines & Indemnities	Profits and Sales of Public Properties and Recalled Capital	Others
II. Percentage (%)							
FY 1955	100.0	68.7	15.2	4.1	2.6	2.4	7.1
1960	100.0	59.1	16.1	9.8	2.3	3.3	9.4
1965	100.0	54.1	14.8	14.0	3.7	6.9	6.5
1970	100.0	63.5	12.4	10.2	4.5	4.8	4.5
1975	100.0	66.8	10.4	11.3	5.1	3.2	3.2
1980	100.0	69.6	7.1	9.7	4.6	4.3	4.7
1985	100.0	65.1	7.7	14.2	5.1	2.5	5.5
1987	100.0	63.9	7.1	15.8	4.6	3.5	5.2
1988	100.0	66.8	6.1	14.6	4.0	4.0	4.5
1989	100.0	68.3	5.2	13.9	3.8	3.8	5.0
1990	100.0	72.8	4.8	11.1	3.4	3.9	4.0
1991	100.0	71.3	5.7	9.0	3.6	5.6	4.8
1992	100.0	72.3	4.7	11.2	4.2	3.7	3.9
1993	100.0	69.4	4.4	11.8	5.1	5.7	3.6
1994	100.0	70.7	4.3	12.3	4.6	4.8	3.2
1995	100.0	75.1	3.9	9.1	5.6	3.3	3.0
1996	100.0	71.2	3.5	11.3	5.7	4.3	4.0
1997	100.0	71.2	3.4	10.6	5.8	5.6	3.5
1998	100.0	65.2	2.8	17.6	5.2	6.5	2.6
1999	100.0	64.8	2.8	16.2	5.3	8.1	2.8
2000	100.0	66.5	2.8	16.5	6.2	4.7	3.3
2001	100.0	63.3	3.0	18.3	6.3	5.7	3.4
2002	100.0	66.6	0.02	14.6	9.5	5.3	4.0
2003	100.0	62.6	-	21.4	6.1	6.5	3.4
2004	100.0	70.2	-	15.0	6.6	4.9	3.2
2005	100.0	69.0	-	16.9	6.0	5.5	2.5
2006	100.0	71.5	-	15.0	6.2	4.5	2.8
2007	100.0	75.1	-	13.0	6.3	3.2	2.4
2008	100.0	76.7	-	11.9	6.3	2.9	2.2
2009	100.0	70.2	-	15.7	6.4	4.1	3.6
2010	100.0	74.0	-	13.5	6.6	3.3	2.6
2011	100.0	73.9	-	12.7	6.0	3.5	3.9
2012	100.0	74.7	-	12.8	7.0	3.4	2.1

9-3a. Net Government Expenditures of All Levels by Administrative Affair

Period (1)	Total	General Administration	National Defense	Education, Science & Culture	Economic Development	Social Welfare	Community Development & Environmental Protection	Pension & Survivors' Benefits	Obligations (2)	Others
I. Amount (NT\$ million)										
FY 1955	6,414	981	3,173	892	690		435		-	243
1960	12,080	1,408	5,962	1,648	1,692		839		16	515
1965	22,387	2,865	9,190	2,794	4,270		1,699		967	602
1970	47,226	6,349	17,628	7,992	8,795		4,712		756	994
1975	123,558	19,377	30,231	20,741	37,486		12,657		957	2,109
1980	340,363	32,031	103,141	52,846	108,860		38,224		1,827	3,434
1985	546,338	61,968	135,243	111,522	138,021	34,279	14,001	40,462	6,032	4,810
1987	641,911	72,074	148,798	133,700	171,364	37,085	18,266	47,724	6,989	5,911
1988	726,468	80,222	160,375	147,183	192,406	55,169	21,883	55,242	8,000	5,988
1989	1,207,351	97,299	187,908	205,001	541,385	65,488	26,104	61,983	10,701	11,482
1990	1,097,518	125,786	210,974	227,271	302,281	96,207	31,249	76,246	16,755	10,749
1991	1,275,613	153,278	227,099	288,077	322,087	117,772	33,089	88,320	33,398	12,493
1992	1,561,930	198,348	239,398	324,834	461,821	135,040	63,042	94,975	33,936	10,536
1993	1,756,306	208,961	253,511	350,351	545,651	145,759	72,163	102,076	63,894	13,940
1994	1,826,367	216,069	321,821	382,197	468,080	158,523	81,543	111,237	75,179	11,718
1995	1,910,066	222,403	269,960	357,487	438,152	231,766	65,309	118,121	194,890	11,978
1996	1,843,786	243,973	284,926	374,401	329,135	290,002	68,035	137,118	106,061	10,135
1997	1,878,764	244,757	291,920	375,822	295,035	294,982	68,614	179,723	115,630	12,281
1998	1,992,593	257,265	312,286	411,513	335,012	282,767	74,850	187,673	115,896	15,331
1999	2,050,004	279,113	286,571	429,127	351,103	280,452	90,310	180,582	140,910	11,836
2000	3,140,936	468,033	357,757	655,109	474,895	531,809	106,102	265,079	270,252	11,900
2001	2,271,755	328,736	247,597	430,078	398,792	396,981	109,597	175,722	171,565	12,687
2002	2,144,994	325,815	225,243	437,756	405,257	323,615	71,702	170,988	170,966	13,652
2003	2,216,514	331,885	237,946	464,186	400,910	346,911	90,061	173,222	159,667	11,726
2004	2,245,047	334,797	253,019	469,545	412,870	347,557	95,008	179,665	139,331	13,255
2005	2,291,999	341,874	247,472	473,243	430,476	357,762	100,704	191,531	132,639	16,298
2006	2,214,226	345,237	234,699	484,827	341,944	370,303	88,849	196,963	138,331	13,073
2007	2,290,169	343,950	255,854	492,625	383,298	372,202	87,282	200,677	139,380	14,901
2008	2,343,585	350,500	262,150	495,515	432,335	368,136	82,157	202,228	134,697	15,867
2009	2,670,898	357,412	297,746	581,535	601,896	388,562	91,639	205,291	129,484	17,333
2010	2,566,804	368,420	286,929	554,254	517,039	415,356	89,388	201,002	119,615	14,801
2011	2,612,947	376,015	288,969	588,555	473,801	446,921	88,792	213,039	121,120	15,735
2012	2,677,993	388,751	304,744	595,620	403,993	540,416	84,538	218,355	124,937	16,639

(1) See note (1) of Table 9-1a. (2) Debt repayments are excluded.

Source: See Table 9-1a.

9-3b. Net Government Expenditures of All Levels by Administrative Affair (Continued)

Period (1)	Total	General Administration	National Defense	Education, Science & Culture	Economic Development	Social Welfare	Community Development & Environmental Protection	Pension & Survivors' Benefits	Obligations (2)	Others
II. Percentage (%)										
FY 1955	100.0	15.3	49.5	13.9	10.8		6.8		-	3.8
1960	100.0	11.7	49.4	13.6	14.0		6.9		0.1	4.3
1965	100.0	12.8	41.1	12.5	19.1		7.6		4.3	2.7
1970	100.0	13.4	37.3	16.9	18.6		10.0		1.6	2.1
1975	100.0	15.7	24.5	16.8	30.3		10.2		0.8	1.7
1980	100.0	9.4	30.3	15.5	32.0		11.2		0.5	1.0
1985	100.0	11.3	24.8	20.4	25.3	6.3	2.6	7.4	1.1	0.9
1987	100.0	11.2	23.2	20.8	26.7	5.8	2.8	7.4	1.1	0.9
1988	100.0	11.0	22.1	20.3	26.5	7.6	3.0	7.6	1.1	0.8
1989	100.0	8.1	15.6	17.0	44.8	5.4	2.2	5.1	0.9	1.0
1990	100.0	11.5	19.2	20.7	27.5	8.8	2.8	6.9	1.5	1.0
1991	100.0	12.0	17.8	22.6	25.2	9.2	2.6	6.9	2.6	1.0
1992	100.0	12.7	15.3	20.8	29.6	8.6	4.0	6.1	2.2	0.7
1993	100.0	11.9	14.4	19.9	31.1	8.3	4.1	5.8	3.6	0.8
1994	100.0	11.8	17.6	20.9	25.6	8.7	4.5	6.1	4.1	0.6
1995	100.0	11.6	14.1	18.7	22.9	12.1	3.4	6.2	10.2	0.6
1996	100.0	13.2	15.5	20.3	17.9	15.7	3.7	7.4	5.8	0.5
1997	100.0	13.0	15.5	20.0	15.7	15.7	3.7	9.6	6.2	0.7
1998	100.0	12.9	15.7	20.7	16.8	14.2	3.8	9.4	5.8	0.8
1999	100.0	13.6	14.0	20.9	17.1	13.7	4.4	8.8	6.9	0.6
2000	100.0	14.9	11.4	20.9	15.1	16.9	3.4	8.4	8.6	0.4
2001	100.0	14.5	10.9	18.9	17.6	17.5	4.8	7.7	7.6	0.6
2002	100.0	15.2	10.5	20.4	18.9	15.1	3.3	8.0	8.0	0.6
2003	100.0	15.0	10.7	20.9	18.1	15.7	4.1	7.8	7.2	0.5
2004	100.0	14.9	11.3	20.9	18.4	15.5	4.2	8.0	6.2	0.6
2005	100.0	14.9	10.8	20.6	18.8	15.6	4.4	8.4	5.8	0.7
2006	100.0	15.6	10.6	21.9	15.4	16.7	4.0	8.9	6.2	0.7
2007	100.0	15.0	11.2	21.5	16.7	16.3	3.8	8.8	6.1	0.6
2008	100.0	15.0	11.2	21.1	18.4	15.7	3.5	8.6	5.7	0.8
2009	100.0	13.4	11.1	21.8	22.5	14.5	3.4	7.7	4.8	0.8
2010	100.0	14.4	11.2	21.6	20.1	16.2	3.5	7.8	4.7	0.5
2011	100.0	14.4	11.1	22.5	18.1	17.1	3.4	8.2	4.6	0.6
2012	100.0	14.5	11.4	22.2	15.1	20.2	3.2	8.2	4.7	0.5

## 9-4. Net Government Expenditures of All Levels as a Percentage of GDP

Unit: NT\$ million

Period (1)	Gross Domestic Product (A)	Net Government Expenditure of All Levels (B)	Percentage (%) (B/A x 100)
FY 1955	30,685	6,414	20.9
1960	63,765	12,080	18.9
1965	108,347	22,387	20.7
1970	212,946	47,226	22.2
1975	562,783	123,558	22.0
1980	1,360,120	340,363	25.0
1985	2,468,162	546,338	22.1
1987	3,129,169	641,911	20.5
1988	3,377,997	726,468	21.5
1989	3,732,556	1,207,351	32.3
1990	4,229,578	1,097,518	25.9
1991	4,677,232	1,275,613	27.3
1992	5,248,374	1,561,930	29.8
1993	5,830,252	1,756,306	30.1
1994	6,374,295	1,826,367	28.7
1995	6,949,558	1,910,066	27.5
1996	7,600,922	1,843,786	24.3
1997	8,192,944	1,878,764	22.9
1998	8,939,196	1,992,593	22.3
1999	9,454,090	2,050,004	21.7
2000	15,097,994	3,140,936	20.8
2001	9,930,387	2,271,755	22.9
2002	10,411,639	2,144,994	20.6
2003	10,696,257	2,216,514	20.7
2004	11,365,292	2,245,047	19.8
2005	11,740,279	2,291,999	19.5
2006	12,243,471	2,214,226	18.1
2007	12,910,511	2,290,169	17.7
2008	12,620,150	2,343,585	18.6
2009	12,481,093	2,670,898	21.4
2010	13,552,099	2,566,804	18.9
2011	13,674,346	2,612,947	19.1
2012	14,042,125	2,677,993	19.1

(1) See note (1) of Table 9-1a.

Source: See Table 9-1a.

9-5a. Total Tax Revenues (2)

Unit: NT\$ million

Period (1)	Total	Customs Duties	Income Tax	Estate and Gift Tax	Business Tax	Commodity Tax	Tobacco and Alcohol Tax	Securities Transactions Tax	Futures Transactions Tax
FY 1955	5,095	1,096	624	1	223	477	-	-	-
1960	8,989	1,354	704	5	385	895	-	0	-
1965	15,247	2,897	1,360	17	696	2,074	-	-	-
1970	36,664	6,696	3,438	86	1,954	6,272	-	15	-
1975	97,504	23,527	16,373	149	5,813	14,018	-	137	-
1980	261,349	57,003	45,052	1,087	16,479	41,678	-	439	-
1985	394,846	66,873	75,889	2,831	30,654	54,573	-	581	-
1987	461,455	76,267	91,339	4,221	62,219	51,805	-	2,660	-
1988	558,046	78,583	123,122	4,772	73,721	66,105	-	13,632	-
1989	677,418	89,387	157,063	4,873	77,771	79,870	-	30,219	-
1990	847,733	81,880	225,752	6,490	111,879	85,061	-	106,727	-
1991	808,621	79,269	193,743	6,496	122,445	85,823	-	77,005	-
1992	967,624	88,429	216,150	12,874	147,008	113,470	-	42,316	-
1993	1,045,496	99,928	237,618	13,178	168,973	136,499	-	27,927	-
1994	1,127,481	102,941	266,020	19,292	196,095	143,791	-	39,422	-
1995	1,232,264	115,366	319,384	21,458	214,247	156,757	-	49,223	-
1996	1,197,797	104,806	343,550	24,453	216,837	154,673	-	33,920	-
1997	1,271,453	103,406	352,890	24,326	223,450	146,445	-	79,118	-
1998	1,397,052	114,331	398,390	25,519	243,998	150,363	-	119,683	-
1999	1,355,062	103,045	432,389	21,568	251,782	145,497	-	84,677	1,204
2000	1,929,767	156,815	610,580	39,135	324,410	219,425	-	160,292	2,484
2001	1,257,841	92,558	478,636	22,710	203,707	133,883	-	63,899	1,862
2002	1,225,601	85,901	392,939	23,537	214,735	143,641	41,188	76,794	2,864
2003	1,252,766	82,783	411,087	30,106	197,521	146,012	49,773	69,283	4,806
2004	1,387,300	78,885	455,914	29,048	233,460	159,644	48,336	84,148	8,272
2005	1,567,396	82,374	625,807	30,451	237,531	168,411	50,443	68,204	6,342
2006	1,600,804	79,567	646,218	28,694	236,931	159,201	51,042	89,954	4,072
2007	1,733,895	81,859	730,160	28,481	246,137	149,037	50,415	128,895	5,758
2008	1,760,438	80,426	834,988	28,978	243,961	126,660	49,506	90,630	6,692
2009	1,530,282	68,827	640,967	22,327	223,503	127,879	45,349	105,956	3,750
2010	1,622,244	89,484	590,387	40,330	268,214	150,777	44,516	104,574	4,556
2011	1,764,611	96,323	710,191	23,659	283,884	164,877	44,660	93,990	5,860
2012	1,796,697	94,918	760,810	28,280	281,817	160,897	44,939	71,940	4,298

(1) See note (1) of Table 9-1a. (2) Excluded Defense Surtax, Temporary Tax and Education Surtax.

Source: See Table 9-1a.

## 9-5b. Total Tax Revenues (2) (Continued)

Unit: NT\$ million

Period (1)	Land Tax	House Tax	Vehicle Licence Tax	Deed Tax	Other Tax	Tobacco & Wine Monopoly Revenue	Financial Enterprises Business Tax	Health and Welfare Surcharge on Tobacco	Specifically Selected Goods and Services Tax
FY 1955	315	147	53	68	1,170	921	-	-	-
1960	440	168	77	51	3,024	1,886	-	-	-
1965	872	336	155	142	3,423	3,273	-	-	-
1970	3,038	1,235	347	451	7,124	6,007	-	-	-
1975	6,234	2,896	1,330	1,191	12,720	13,115	-	-	-
1980	26,999	6,822	4,586	3,477	33,566	24,162	-	-	-
1985	46,094	16,807	8,076	4,934	45,796	41,738	-	-	-
1987	65,416	19,485	10,099	6,767	25,040	46,137	-	-	-
1988	90,173	21,454	11,711	7,938	20,426	46,409	-	-	-
1989	123,948	22,013	14,095	8,437	22,078	47,666	-	-	-
1990	105,556	24,505	16,482	8,394	22,087	52,921	-	-	-
1991	121,624	26,044	18,666	8,067	9,326	60,113	-	-	-
1992	217,645	28,301	21,349	10,182	11,386	58,513	-	-	-
1993	222,039	29,244	24,470	10,949	12,562	62,109	-	-	-
1994	206,379	32,703	27,087	14,152	14,895	64,703	-	-	-
1995	193,615	35,871	30,446	17,616	16,872	61,408	-	-	-
1996	158,134	38,850	36,367	17,153	13,093	55,959	-	-	-
1997	174,783	41,594	39,070	15,506	12,684	58,179	-	-	-
1998	173,803	43,800	41,996	14,347	13,374	57,448	-	-	-
1999	148,313	45,661	43,216	13,097	9,290	55,322	-	-	-
2000	215,533	48,436	46,689	15,267	13,386	77,316	-	-	-
2001	93,182	48,056	44,688	8,493	8,603	57,563	-	-	-
2002	98,069	46,464	45,886	10,262	8,594	346	26,083	8,298	-
2003	111,803	48,013	47,765	11,600	9,565	-	22,433	10,217	-
2004	133,893	49,323	49,904	12,937	9,645	-	24,230	9,661	-
2005	135,370	50,877	51,863	13,178	10,447	-	25,712	10,387	-
2006	131,208	52,494	52,548	14,014	10,708	-	26,644	17,508	-
2007	133,691	53,883	53,271	13,637	10,652	-	28,131	19,888	-
2008	116,082	55,343	53,255	12,696	11,400	-	29,706	20,115	-
2009	112,367	56,347	53,050	13,066	10,130	-	21,853	24,911	-
2010	136,357	58,203	54,052	13,815	10,581	-	21,602	34,795	-
2011	141,982	59,467	55,380	12,640	11,075	-	23,806	34,609	2,206
2012	143,849	61,796	56,534	11,693	11,578	-	24,720	34,352	4,275

9-6a. Structure of Total Tax Revenues (2)

Unit: %

Period (1)	Total	Customs Duties	Income Tax	Estate and Gift Tax	Business Tax	Commodity Tax	Tobacco and Alcohol Tax	Securities Transactions Tax	Futures Transactions Tax
FY 1955	100.0	21.5	12.2	0.0	4.4	9.4	-	-	-
1960	100.0	15.1	7.8	0.1	4.3	10.0	-	0.0	-
1965	100.0	19.0	8.9	0.1	4.6	13.6	-	-	-
1970	100.0	18.3	9.4	0.2	5.3	17.1	-	0.0	-
1975	100.0	24.1	16.8	0.2	6.0	14.4	-	0.1	-
1980	100.0	21.8	17.2	0.4	6.3	15.9	-	0.2	-
1985	100.0	16.9	19.2	0.7	7.8	13.8	-	0.1	-
1987	100.0	16.5	19.8	0.9	13.5	11.2	-	0.6	-
1988	100.0	14.1	22.1	0.9	13.2	11.8	-	2.4	-
1989	100.0	13.2	23.2	0.7	11.5	11.8	-	4.5	-
1990	100.0	9.7	26.6	0.8	13.2	10.0	-	12.6	-
1991	100.0	9.8	24.0	0.8	15.1	10.6	-	9.5	-
1992	100.0	9.1	22.3	1.3	15.2	11.7	-	4.4	-
1993	100.0	9.6	22.7	1.3	16.2	13.1	-	2.7	-
1994	100.0	9.1	23.6	1.7	17.4	12.8	-	3.5	-
1995	100.0	9.4	25.9	1.7	17.4	12.7	-	4.0	-
1996	100.0	8.7	28.7	2.0	18.1	12.9	-	2.8	-
1997	100.0	8.1	27.8	1.9	17.6	11.5	-	6.2	-
1998	100.0	8.2	28.5	1.8	17.5	10.8	-	8.6	-
1999	100.0	7.6	31.9	1.6	18.6	10.7	-	6.2	0.1
2000	100.0	8.1	31.6	2.0	16.8	11.4	-	8.3	0.1
2001	100.0	7.4	38.1	1.8	16.2	10.6	-	5.1	0.1
2002	100.0	7.0	32.1	1.9	17.5	11.7	3.4	6.3	0.2
2003	100.0	6.6	32.8	2.4	15.8	11.7	4.0	5.5	0.4
2004	100.0	5.7	32.9	2.1	16.8	11.5	3.5	6.1	0.6
2005	100.0	5.3	39.9	1.9	15.2	10.7	3.2	4.4	0.4
2006	100.0	5.0	40.4	1.8	14.8	9.9	3.2	5.6	0.3
2007	100.0	4.7	42.1	1.6	14.2	8.6	2.9	7.4	0.3
2008	100.0	4.6	47.4	1.6	13.9	7.2	2.8	5.1	0.4
2009	100.0	4.5	41.9	1.5	14.6	8.4	3.0	6.9	0.2
2010	100.0	5.5	36.4	2.5	16.5	9.3	2.7	6.4	0.3
2011	100.0	5.5	40.2	1.3	16.1	9.3	2.5	5.3	0.3
2012	100.0	5.3	42.3	1.6	15.7	9.0	2.5	4.0	0.2

(1) See note (1) of Table 9-1a. (2) See note (2) of Table 9-5a.

Source: See Table 9-1a.

9-6b. Structure of Total Tax Revenues (2) (Continued)

Unit: %

Period (1)	Land Tax	House Tax	Vehicle Licence Tax	Deed Tax	Other Tax	Tobacco & Wine Monopoly Revenue	Financial Enterprises Business Tax	Health and Welfare Surcharge on Tobacco	Specifically Selected Goods and Services Tax
FY 1955	6.2	2.9	1.0	1.3	23.0	18.1	-	-	-
1960	4.9	1.9	0.9	0.6	33.6	21.0	-	-	-
1965	5.7	2.2	1.0	0.9	22.4	21.5	-	-	-
1970	8.3	3.4	0.9	1.2	19.4	16.4	-	-	-
1975	6.4	3.0	1.4	1.2	13.0	13.5	-	-	-
1980	10.3	2.6	1.8	1.3	12.8	9.2	-	-	-
1985	11.7	4.3	2.0	1.2	11.6	10.6	-	-	-
1987	14.2	4.2	2.2	1.5	5.4	10.0	-	-	-
1988	16.2	3.8	2.1	1.4	3.7	8.3	-	-	-
1989	18.3	3.2	2.1	1.2	3.3	7.0	-	-	-
1990	12.5	2.9	1.9	1.0	2.6	6.2	-	-	-
1991	15.0	3.2	2.3	1.0	1.2	7.4	-	-	-
1992	22.5	2.9	2.2	1.1	1.2	6.0	-	-	-
1993	21.2	2.8	2.3	1.0	1.2	5.9	-	-	-
1994	18.3	2.9	2.4	1.3	1.3	5.7	-	-	-
1995	15.7	2.9	2.5	1.4	1.4	5.0	-	-	-
1996	13.2	3.2	3.0	1.4	1.1	4.7	-	-	-
1997	13.7	3.3	3.1	1.2	1.0	4.6	-	-	-
1998	12.4	3.1	3.0	1.0	1.0	4.1	-	-	-
1999	10.9	3.4	3.2	1.0	0.7	4.1	-	-	-
2000	11.2	2.5	2.4	0.8	0.7	4.0	-	-	-
2001	7.4	3.8	3.6	0.7	0.7	4.6	-	-	-
2002	8.0	3.8	3.7	0.8	0.7	0.0	2.1	0.7	-
2003	8.9	3.8	3.8	0.9	0.8	-	1.8	0.8	-
2004	9.7	3.6	3.6	0.9	0.7	-	1.7	0.7	-
2005	8.6	3.2	3.3	0.8	0.7	-	1.6	0.7	-
2006	8.2	3.3	3.3	0.9	0.7	-	1.7	1.1	-
2007	7.7	3.1	3.1	0.8	0.6	-	1.6	1.1	-
2008	6.6	3.1	3.0	0.7	0.6	-	1.7	1.1	-
2009	7.3	3.7	3.5	0.9	0.7	-	1.4	1.6	-
2010	8.4	3.6	3.3	0.9	0.7	-	1.3	2.1	-
2011	8.0	3.4	3.1	0.7	0.6	-	1.3	2.0	0.1
2012	8.0	3.4	3.1	0.7	0.6	-	1.4	1.9	0.2

9-7. Total Tax Revenues by Direct and Indirect Taxes

Amount unit: NT\$ million

Period (1)	Total		Direct Taxes (2)		Indirect Taxes	
	Amount	%	Amount	%	Amount	%
FY 1955	5,095	100.0	1,427	28.0	3,668	72.0
1960	8,989	100.0	2,132	23.7	6,857	76.3
1965	15,247	100.0	3,362	22.1	11,885	77.9
1970	36,664	100.0	8,662	23.6	28,002	76.4
1975	97,504	100.0	27,692	28.4	69,812	71.6
1980	261,349	100.0	85,535	32.7	175,814	67.3
1985	394,846	100.0	150,164	38.0	244,682	62.0
1987	461,455	100.0	193,400	41.9	268,055	58.1
1988	558,046	100.0	265,167	47.5	292,879	52.5
1989	677,418	100.0	350,821	51.8	326,597	48.2
1990	847,733	100.0	481,862	56.8	365,871	43.2
1991	808,621	100.0	437,676	54.1	370,945	45.9
1992	967,624	100.0	533,044	55.1	434,580	44.9
1993	1,045,496	100.0	546,966	52.3	498,530	47.7
1994	1,127,481	100.0	585,401	51.9	542,080	48.1
1995	1,232,264	100.0	645,722	52.4	586,542	47.6
1996	1,197,797	100.0	620,387	51.8	577,410	48.2
1997	1,271,453	100.0	692,493	54.5	578,960	45.5
1998	1,397,052	100.0	780,054	55.8	616,998	44.2
1999	1,355,062	100.0	747,112	55.1	607,950	44.9
2000	1,929,767	100.0	1,091,822	56.6	837,946	43.4
2001	1,257,841	100.0	716,872	57.0	540,969	43.0
2002	1,225,601	100.0	650,962	53.1	574,639	46.9
2003	1,252,766	100.0	686,725	54.8	566,041	45.2
2004	1,387,300	100.0	773,547	55.8	613,753	44.2
2005	1,567,396	100.0	930,238	59.3	637,159	40.7
2006	1,600,804	100.0	966,661	60.4	634,143	39.6
2007	1,733,895	100.0	1,094,508	63.1	639,386	36.9
2008	1,760,438	100.0	1,145,415	65.1	615,023	34.9
2009	1,530,282	100.0	954,779	62.4	575,503	37.6
2010	1,622,244	100.0	948,214	58.5	674,030	41.5
2011	1,764,611	100.0	1,047,790	59.4	716,820	40.6
2012	1,796,697	100.0	1,082,668	60.3	714,029	39.7

(1) See note (1) of Table 9-1a.

(2) Including Income Tax, Mining Concession Tax, Estate and Gift Tax, Securities Transactions Tax, Futures Transactions Tax, Agricultural Land Tax, Land Value Tax, Land Value Increment Tax, House Tax, Deed Tax and Education Surtax.

Source: See Table 9-1a.

9-8. Indices and Growth Rate of Total Tax Revenues

Period (1)	Amount (NT\$ million)	Indices		Growth Rate (%)
		1955 = 100	1991 = 100	
FY 1955	5,095	100.0	0.6	17.1
1960	8,989	176.4	1.1	-
1965	15,247	299.3	1.9	18.7
1970	36,664	719.6	4.5	11.9
1975	97,504	1,913.7	12.1	9.7
1980	261,349	5,129.5	32.3	18.5
1985	394,846	7,749.7	48.8	3.0
1987	461,455	9,057.0	57.1	14.8
1988	558,046	10,952.8	69.0	20.9
1989	677,418	13,295.7	83.8	21.4
1990	847,733	16,638.5	104.8	25.1
1991	808,621	15,870.9	100.0	-4.6
1992	967,624	18,991.6	119.7	19.7
1993	1,045,496	20,520.0	129.3	8.0
1994	1,127,481	22,129.2	139.4	7.8
1995	1,232,264	24,185.8	152.4	9.3
1996	1,197,797	23,509.3	148.1	-2.8
1997	1,271,453	24,954.9	157.2	6.1
1998	1,397,052	27,420.1	172.8	9.9
1999	1,355,062	26,595.9	167.6	-3.0
2000	1,929,767	37,875.7	238.6	42.4
2001	1,257,841	24,687.7	155.6	-34.8
2002	1,225,601	24,055.0	151.6	-2.6
2003	1,252,766	24,588.1	154.9	2.2
2004	1,387,300	27,228.7	171.6	10.7
2005	1,567,396	30,763.4	193.8	13.0
2006	1,600,804	31,419.1	198.0	2.1
2007	1,733,895	34,031.3	214.4	8.3
2008	1,760,438	34,552.3	217.7	1.5
2009	1,530,282	30,035.0	189.2	-13.1
2010	1,622,244	31,839.9	200.6	6.0
2011	1,764,611	34,634.2	218.2	8.8
2012	1,796,697	35,263.9	222.2	1.8

(1) See note (1) of Table 9-1a.

Source: See Table 9-1a.

9-9. Total Tax Revenues as a Percentage of GDP

Unit: NT\$ million

Period (1)	Gross Domestic Product (A)	Total Tax Revenues (B)	Percentage (%) (B/A x 100)
FY 1955	30,685	5,095	16.6
1960	63,765	8,989	14.1
1965	108,347	15,247	14.1
1970	212,946	36,664	17.2
1975	562,783	97,504	17.3
1980	1,360,120	261,349	19.2
1985	2,468,162	394,846	16.0
1987	3,129,169	461,455	14.7
1988	3,377,997	558,046	16.5
1989	3,732,556	677,418	18.1
1990	4,229,578	847,733	20.0
1991	4,677,232	808,621	17.3
1992	5,248,374	967,624	18.4
1993	5,830,252	1,045,496	17.9
1994	6,374,295	1,127,481	17.7
1995	6,949,558	1,232,264	17.7
1996	7,600,922	1,197,797	15.8
1997	8,192,944	1,271,453	15.5
1998	8,939,196	1,397,052	15.6
1999	9,454,090	1,355,062	14.3
2000	15,097,994	1,929,767	12.8
2001	9,930,387	1,257,841	12.7
2002	10,411,639	1,225,601	11.8
2003	10,696,257	1,252,766	11.7
2004	11,365,292	1,387,300	12.2
2005	11,740,279	1,567,396	13.4
2006	12,243,471	1,600,804	13.1
2007	12,910,511	1,733,895	13.4
2008	12,620,150	1,760,438	13.9
2009	12,481,093	1,530,282	12.3
2010	13,552,099	1,622,244	12.0
2011	13,674,346	1,764,611	12.9
2012	14,042,125	1,796,697	12.8

(1) See note (1) of Table 9-1a.

Source: See Table 9-1a.

## **10. PRICES**



10-1. Price Indices

Period	GDP Deflator (Base: 2006=100)	Wholesale Price Index (Base: 2011=100)	Consumer Price Index (Base: 2011=100)	Import Price Index (Base: 2011=100)	Export Price Index (Base: 2011=100)
1952	7.78	12.67	...	...	...
1955	10.41	16.13	...	...	...
1960	15.51	24.82	13.74	...	...
1965	17.83	27.45	15.46	...	...
1970	22.75	30.13	19.14	...	...
1975	38.79	51.62	34.01	...	...
1980	59.61	78.09	51.56	...	108.64
1985	72.38	81.13	62.47	77.96	114.94
1987	77.04	75.87	63.23	62.82	101.97
1988	77.33	74.68	64.04	62.20	99.26
1989	80.47	74.40	66.87	58.87	95.57
1990	83.33	73.96	69.63	60.25	97.93
1991	86.44	74.08	72.15	58.56	98.45
1992	89.71	71.36	75.37	54.51	93.16
1993	92.79	73.15	77.59	57.04	97.99
1994	94.37	74.74	80.77	59.96	98.55
1995	96.57	80.25	83.73	66.04	105.34
1996	99.40	79.45	86.31	64.40	107.10
1997	102.21	79.08	87.09	63.50	109.29
1998	106.04	79.55	88.56	63.96	115.39
1999	104.90	75.94	88.71	61.35	105.54
2000	104.69	77.32	89.82	64.18	104.62
2001	103.76	76.28	89.82	63.38	104.95
2002	103.35	76.32	89.64	63.63	103.39
2003	102.42	78.21	89.39	66.90	101.84
2004	102.48	83.71	90.83	72.64	103.49
2005	101.10	84.22	92.92	74.40	100.94
2006	100.00	88.96	93.48	80.96	103.46
2007	99.50	94.72	95.16	88.20	107.14
2008	96.55	99.59	98.51	96.00	104.84
2009	97.25	90.90	97.66	86.78	97.93
2010	95.34	95.86	98.60	92.89	99.91
2011	92.44	100.00	100.00	100.00	100.00
2012	93.71	98.84	101.93	98.72	98.38

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. (Taiwan), *Price Statistics Monthly, March* 2013.

10-2a. Group Indices of Wholesale Prices

Base: 2011=100

Period	General Index	Agriculture, Forestry, Livestock & Fishery Products					Quarrying and Mineral Products	Manufacturing Products	Foods	Beverages	Tobacco
		Farm Products	Poultry & Livestock Products	Forest Products	Fishery Products						
1981	84.04	53.89	55.67	82.12	26.64	40.41	29.83	91.98	66.71	78.68	54.29
1985	81.13	50.82	55.36	63.13	22.53	42.82	26.62	89.54	62.88	79.00	54.29
1986	78.42	52.81	53.83	74.19	25.12	45.96	17.50	87.83	63.74	79.10	54.29
1987	75.87	51.49	55.28	69.30	26.51	41.89	16.98	84.99	60.65	79.11	54.29
1988	74.68	50.05	51.74	69.00	28.91	41.52	14.25	84.56	60.40	78.48	54.29
1989	74.40	53.17	54.10	78.03	28.82	42.77	14.69	83.59	61.78	78.41	54.29
1990	73.96	50.04	56.20	58.99	28.05	41.97	17.41	83.04	60.04	78.16	54.29
1991	74.08	48.62	53.23	57.55	29.61	41.21	15.58	83.61	60.28	77.40	54.28
1992	71.36	52.51	54.88	66.93	27.31	45.96	15.44	79.78	61.70	77.12	53.82
1993	73.15	56.53	56.42	74.35	41.15	49.19	14.90	81.74	64.57	77.11	53.61
1994	74.74	60.88	61.55	77.73	45.50	53.34	13.90	83.43	65.58	76.48	53.67
1995	80.25	63.27	63.59	83.67	44.07	54.46	15.52	89.90	70.05	75.97	53.91
1996	79.45	67.04	69.08	82.78	47.28	59.50	17.36	88.21	73.91	76.15	54.76
1997	79.08	59.45	64.81	58.31	46.47	58.03	19.53	88.19	69.74	77.06	56.13
1998	79.55	64.42	71.33	63.15	45.63	57.66	18.23	88.60	68.34	77.91	56.58
1999	75.94	67.69	65.53	78.45	51.70	64.66	20.89	83.40	66.65	77.39	56.58
2000	77.32	60.74	62.62	61.27	52.51	60.68	25.97	84.90	62.84	76.73	56.58
2001	76.28	58.05	62.92	56.20	55.67	53.97	25.86	83.84	64.87	78.13	56.58
2002	76.32	58.31	60.00	61.56	58.28	54.22	27.21	83.68	66.29	94.62	74.39
2003	78.21	62.77	63.72	69.61	64.55	56.20	31.17	85.11	67.23	95.28	74.90
2004	83.71	70.52	72.63	77.42	77.78	61.56	38.93	90.31	71.73	95.56	76.27
2005	84.22	70.94	74.56	76.85	81.16	59.81	49.74	89.39	71.73	96.48	75.76
2006	88.96	68.56	72.47	70.73	87.51	60.28	59.96	93.83	74.88	96.88	82.46
2007	94.72	74.88	82.41	75.79	101.35	60.44	67.86	99.28	81.60	97.16	84.88
2008	99.59	90.87	96.80	94.83	97.64	76.96	89.94	101.38	90.57	98.90	84.51
2009	90.90	84.86	84.72	91.65	87.11	79.35	67.11	93.48	88.39	99.91	91.93
2010	95.86	89.29	89.31	93.84	99.72	85.04	79.42	97.76	94.34	99.68	97.01
2011	100.00	100.00	100.00	100.00	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	98.24	100.66	103.10	108.10

Source: See Table 10-1.

## 10-2b. Group Indices of Wholesale Prices (Continued)

Period										
	Textile Products	Wearing Apparel & Clothing Accessories	Leather, Fur & Related Products	Wood & Bamboo Products	Pulp, Paper, Paper Products & Printed Matter	Petroleum & Coal Products	Chemical Materials	Chemical Products & Medical Goods	Rubber & Plastic Products	Non-metallic Mineral Products
1981	75.60	80.82	51.49	58.08	67.10	49.13	56.21	83.14	74.92	86.12
1985	72.13	91.24	56.01	53.22	67.65	45.64	50.59	81.44	76.36	83.91
1986	74.41	88.47	58.32	52.48	69.11	38.63	47.49	81.59	73.19	83.92
1987	74.55	89.62	58.82	51.99	72.72	34.85	46.35	80.16	70.76	82.27
1988	69.76	85.41	60.92	54.44	72.91	29.56	49.79	78.68	71.89	81.55
1989	67.24	83.04	60.33	54.81	74.50	27.45	47.22	77.88	70.65	84.10
1990	68.03	85.49	63.29	57.66	72.96	29.48	43.06	78.71	70.63	83.78
1991	73.60	85.89	68.83	58.43	75.31	32.34	46.59	80.06	69.29	86.13
1992	67.48	83.87	65.60	56.59	71.75	30.28	40.42	78.43	66.09	89.94
1993	65.19	86.40	66.44	64.46	70.29	29.75	40.14	80.19	66.80	91.66
1994	71.02	86.86	66.52	67.32	79.97	27.86	44.90	80.31	69.75	87.88
1995	78.13	92.80	71.43	70.03	95.16	29.39	57.08	82.74	76.30	87.74
1996	76.11	97.20	72.26	72.00	84.83	30.13	48.70	83.72	76.40	89.82
1997	79.85	101.51	76.53	75.54	83.66	32.63	47.48	83.82	78.79	87.30
1998	80.95	114.13	83.11	76.56	82.40	30.35	43.77	89.61	81.44	92.59
1999	75.89	110.68	79.00	77.70	82.25	30.19	41.12	88.89	79.06	87.25
2000	77.47	108.20	78.74	75.56	87.55	40.09	49.35	89.63	77.06	83.88
2001	77.58	110.07	86.29	78.95	79.44	40.29	46.47	90.69	76.87	83.40
2002	76.49	106.60	83.76	79.68	78.73	40.24	47.44	89.52	77.72	82.73
2003	78.00	104.79	84.68	81.46	81.32	44.87	54.48	89.28	79.15	84.09
2004	79.62	101.82	86.43	85.51	83.70	51.02	68.76	88.01	82.45	93.45
2005	79.01	98.39	86.52	83.93	81.88	59.32	72.60	87.79	83.06	93.66
2006	80.11	98.80	89.11	86.71	83.10	70.51	78.52	89.41	85.23	96.30
2007	83.22	99.10	93.68	91.51	88.18	79.11	86.60	91.87	88.16	101.72
2008	85.00	95.85	93.35	94.99	96.43	95.27	90.63	96.08	93.77	108.96
2009	85.77	99.04	92.88	92.27	88.59	71.36	74.04	98.38	96.06	108.00
2010	90.73	96.73	98.08	99.28	100.32	84.32	89.30	97.43	97.29	102.96
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.01	105.26	103.59	100.51	95.24	105.24	93.62	98.53	100.21	97.80

10-2c. Group Indices of Wholesale Prices (Continued)

Period										Water Supply, Electricity & Gas
	Basic Products	Fabricated Metal Products	Electronic Parts & Components	Computer, Electronic & Optical Products	Electrical Equipment	Machinery and Equipment	Transport Equipment and Parts	Furniture & Fixtures	Miscellaneous Products	
1981	46.34	61.53	327.48	-	-	75.48	70.37	64.50	77.58	92.97
1985	42.16	61.89	326.75	...	...	75.55	73.25	64.28	76.26	90.26
1986	41.27	62.88	319.40	...	...	77.70	75.37	65.38	74.68	86.04
1987	39.04	61.84	288.08	...	...	77.22	76.91	62.76	70.26	80.68
1988	41.83	61.41	278.82	...	...	76.84	81.15	63.53	67.36	69.72
1989	43.70	62.99	269.66	...	...	77.70	81.08	66.36	63.92	70.51
1990	41.14	62.91	271.60	...	...	79.70	81.61	69.30	64.70	70.49
1991	40.75	62.90	271.08	256.56	79.81	79.77	82.32	67.19	69.61	70.58
1992	37.68	59.93	254.07	241.63	77.23	77.96	82.32	64.87	67.81	70.21
1993	38.49	60.90	271.36	259.27	77.88	83.21	85.73	69.40	72.47	69.63
1994	38.51	61.06	260.60	252.00	79.76	85.62	88.08	70.48	73.60	69.93
1995	43.48	64.75	261.34	251.09	84.26	89.57	91.43	75.11	79.85	70.41
1996	40.60	65.35	260.39	248.73	82.37	86.12	90.50	75.82	83.85	70.41
1997	41.35	65.31	248.89	239.24	81.67	84.60	89.65	78.14	87.15	71.27
1998	41.03	68.39	234.69	232.46	83.58	92.71	93.60	87.30	94.94	71.56
1999	37.45	64.08	203.56	201.54	77.66	91.92	93.51	83.76	90.10	70.82
2000	39.21	65.19	202.54	186.40	75.05	89.56	93.40	80.76	88.01	72.28
2001	37.53	66.20	188.87	183.84	76.04	90.15	92.97	84.37	89.83	72.38
2002	40.29	67.86	175.27	176.48	75.02	89.29	91.84	85.52	89.65	72.09
2003	47.40	72.52	159.93	167.11	74.31	90.61	93.24	86.63	88.78	72.79
2004	64.35	84.31	154.65	153.63	77.04	91.28	93.76	90.26	90.90	73.39
2005	66.96	86.06	138.83	137.60	78.68	88.87	91.84	91.27	91.21	74.22
2006	80.48	88.56	134.86	131.50	90.39	89.15	91.37	92.49	93.38	77.83
2007	98.08	97.83	128.96	126.38	95.11	90.63	92.54	94.13	95.27	81.37
2008	108.38	105.26	114.34	115.05	96.45	94.25	94.94	98.83	94.53	88.31
2009	79.13	94.23	113.00	114.68	92.93	99.97	99.00	100.79	96.64	96.15
2010	95.62	98.59	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	100.00	100.00
2012	90.24	96.18	99.81	100.06	98.87	101.26	101.14	102.13	101.25	106.73

10-3a. Group Link Indices of Wholesale Prices

Period	General Index	Agriculture, Forestry, Livestock & Fishery Products					Quarrying and Mineral Products	Manufacturing Products	Foods	Beverages	Tobacco
		Farm Products	Poultry & Livestock Products	Forest Products	Fishery Products						
1982	99.82	100.39	100.11	102.55	95.20	100.87	101.94	99.50	101.18	101.97	100.00
1985	97.39	94.71	96.94	85.77	86.39	101.81	99.40	97.55	94.32	99.97	100.00
1986	96.66	103.92	97.24	117.52	111.50	107.33	65.74	98.09	101.37	100.13	100.00
1987	96.75	97.50	102.69	93.41	105.53	91.14	97.03	96.77	95.15	100.01	100.00
1988	98.43	97.20	93.60	99.57	109.05	99.12	83.92	99.49	99.59	99.20	100.00
1989	99.63	106.23	104.56	113.09	99.69	103.01	103.09	98.85	102.28	99.91	100.00
1990	99.41	94.11	103.88	75.60	97.33	98.13	118.52	99.34	97.18	99.68	100.00
1991	100.16	97.16	94.72	97.56	105.56	98.19	89.49	100.69	100.40	99.03	99.98
1992	96.33	108.00	103.10	116.30	92.23	111.53	99.10	95.42	102.36	99.64	99.15
1993	102.51	107.66	102.81	111.09	150.68	107.03	96.50	102.46	104.65	99.99	99.61
1994	102.17	107.70	109.09	104.55	110.57	108.44	93.29	102.07	101.56	99.18	100.11
1995	107.37	103.93	103.31	107.64	96.86	102.10	111.65	107.76	106.82	99.33	100.45
1996	99.00	105.96	108.63	98.94	107.28	109.25	111.86	98.12	105.51	100.24	101.58
1997	99.53	88.68	93.82	70.44	98.29	97.53	112.50	99.98	94.36	101.20	102.50
1998	100.59	108.36	110.06	108.30	98.19	99.36	93.34	100.46	97.99	101.10	100.80
1999	95.46	105.08	91.87	124.23	113.30	112.14	114.59	94.13	97.53	99.33	100.00
2000	101.82	89.73	95.56	78.10	101.57	93.84	124.32	101.80	94.28	99.15	100.00
2001	98.65	95.57	100.48	91.73	106.02	88.94	99.58	98.75	103.23	101.82	100.00
2002	100.05	100.45	95.36	109.54	104.69	100.46	105.22	99.81	102.19	121.11	131.48
2003	102.48	107.65	106.20	113.08	110.76	103.65	114.55	101.71	101.42	100.70	100.69
2004	107.03	112.35	113.98	111.22	120.50	109.54	124.90	106.11	106.69	100.29	101.83
2005	100.61	100.60	102.66	99.26	104.35	97.16	127.77	98.98	100.00	100.96	99.33
2006	105.63	96.65	97.20	92.04	107.82	100.79	120.55	104.97	104.39	100.41	108.84
2007	106.47	109.22	113.72	107.15	115.82	100.27	113.18	105.81	108.97	100.29	102.93
2008	105.14	121.35	117.46	125.12	96.34	127.33	132.54	102.12	110.99	101.79	99.56
2009	91.27	93.39	87.52	96.65	89.22	103.11	74.62	92.21	97.59	101.02	108.78
2010	105.46	105.22	105.42	102.39	114.48	107.17	118.34	104.58	106.73	99.77	105.53
2011	104.32	111.99	111.97	106.56	100.28	117.59	125.91	102.29	106.00	100.32	103.08
2012	98.84	100.94	101.36	94.23	93.54	106.14	101.03	98.24	100.66	103.10	108.10

Source: See Table 10-1.

10-3b. Group Link Indices of Wholesale Prices (Continued)

Period										
	Textile Products	Wearing Apparel & Clothing Accessories	Leather, Fur & Related Products	Wood & Bamboo Products	Pulp, Paper, Paper Products & Printed Matter	Petroleum & Coal Products	Chemical Materials	Chemical Products & Medical Goods	Rubber & Plastic Products	Non-metallic Mineral Products
1982	96.24	105.36	102.99	100.83	96.81	100.69	94.36	100.37	99.96	99.70
1985	93.69	101.51	94.60	93.81	94.95	98.72	95.00	98.76	99.39	98.12
1986	103.16	96.96	104.12	98.61	102.16	84.64	93.87	100.18	95.85	100.01
1987	100.19	101.30	100.86	99.07	105.22	90.21	97.60	98.25	96.68	98.03
1988	93.57	95.30	103.57	104.71	100.26	84.82	107.42	98.15	101.60	99.12
1989	96.39	97.23	99.03	100.68	102.18	92.86	94.84	98.98	98.28	103.13
1990	101.17	102.95	104.91	105.20	97.93	107.40	91.19	101.07	99.97	99.62
1991	108.19	100.47	108.75	101.34	103.22	109.70	108.20	101.72	98.10	102.80
1992	91.68	97.65	95.31	96.85	95.27	93.63	86.76	97.96	95.38	104.42
1993	96.61	103.02	101.28	113.91	97.97	98.25	99.31	102.24	101.07	101.91
1994	108.94	100.53	100.12	104.44	113.77	93.65	111.86	100.15	104.42	95.88
1995	110.01	106.84	107.38	104.03	118.99	105.49	127.13	103.03	109.39	99.84
1996	97.41	104.74	101.16	102.81	89.14	102.52	85.32	101.18	100.13	102.37
1997	104.91	104.43	105.91	104.92	98.62	108.30	97.49	100.12	103.13	97.19
1998	101.38	112.43	108.60	101.35	98.49	93.01	92.19	106.91	103.36	106.06
1999	93.75	96.98	95.05	101.49	99.82	99.47	93.95	99.20	97.08	94.23
2000	102.08	97.76	99.67	97.25	106.44	132.79	120.01	100.83	97.47	96.14
2001	100.14	101.73	109.59	104.49	90.74	100.50	94.16	101.18	99.75	99.43
2002	98.59	96.85	97.07	100.92	99.11	99.88	102.09	98.71	101.11	99.20
2003	101.97	98.30	101.10	102.23	103.29	111.51	114.84	99.73	101.84	101.64
2004	102.08	97.17	102.07	104.97	102.93	113.71	126.21	98.58	104.17	111.13
2005	99.23	96.63	100.10	98.15	97.83	116.27	105.58	99.75	100.74	100.22
2006	101.39	100.42	102.99	103.31	101.49	118.86	108.15	101.85	102.61	102.82
2007	103.88	100.30	105.13	105.54	106.11	112.20	110.29	102.75	103.44	105.63
2008	102.14	96.72	99.65	103.80	109.36	120.43	104.65	104.58	106.36	107.12
2009	100.91	103.33	99.50	97.14	91.87	74.90	81.69	102.39	102.44	99.12
2010	105.78	97.67	105.60	107.60	113.24	118.16	120.61	99.03	101.28	95.33
2011	110.22	103.38	101.96	100.73	99.68	118.60	111.98	102.64	102.79	97.13
2012	98.01	105.26	103.59	100.51	95.24	105.24	93.62	98.53	100.21	97.80

10-3c. Group Link Indices of Wholesale Prices (Continued)

Period										Water Supply, Electricity & Gas
	Basic Products	Fabricated Metal Products	Electronic Parts & Components	Computer, Electronic & Optical Products	Electrical Equipment	Machinery and Equipment	Transport Equipment and Parts	Furniture and Fixtures	Miscellaneous Products	
1982	94.80	99.79	103.94	...	...	100.29	101.42	100.53	100.12	101.75
1985	96.37	99.12	99.26	...	...	100.21	100.19	99.20	99.79	98.31
1986	97.89	101.60	97.75	...	...	102.85	102.89	101.71	97.93	95.32
1987	94.60	98.35	90.19	...	...	99.38	102.04	95.99	94.08	93.77
1988	107.15	99.30	96.79	...	...	99.51	105.51	101.23	95.87	86.42
1989	104.47	102.57	96.71	...	...	101.12	99.91	104.45	94.89	101.13
1990	94.14	99.87	100.72	...	...	102.57	100.65	104.43	101.22	99.97
1991	99.05	99.98	99.81	...	...	100.09	100.87	96.96	107.59	100.13
1992	92.47	95.28	93.73	94.18	96.77	97.73	100.00	96.55	97.41	99.48
1993	102.15	101.62	106.81	107.30	100.84	106.73	104.14	106.98	106.87	99.17
1994	100.05	100.26	96.03	97.20	102.41	102.90	102.74	101.56	101.56	100.43
1995	112.91	106.04	100.28	99.64	105.64	104.61	103.80	106.57	108.49	100.69
1996	93.38	100.93	99.64	99.06	97.76	96.15	98.98	100.95	105.01	100.00
1997	101.85	99.94	95.58	96.18	99.15	98.24	99.06	103.06	103.94	101.22
1998	99.23	104.72	94.29	97.17	102.34	109.59	104.41	111.72	108.94	100.41
1999	91.27	93.70	86.74	86.70	92.92	99.15	99.90	95.95	94.90	98.97
2000	104.70	101.73	99.50	92.49	96.64	97.43	99.88	96.42	97.68	102.06
2001	95.72	101.55	93.25	98.63	101.32	100.66	99.54	104.47	102.07	100.14
2002	107.35	102.51	92.80	96.00	98.66	99.05	98.78	101.36	99.80	99.60
2003	117.65	106.87	91.25	94.69	99.05	101.48	101.52	101.30	99.03	100.97
2004	135.76	116.26	96.70	91.93	103.67	100.74	100.56	104.19	102.39	100.82
2005	104.06	102.08	89.77	89.57	102.13	97.36	97.95	101.12	100.34	101.13
2006	120.19	102.90	97.14	95.57	114.88	100.32	99.49	101.34	102.38	104.86
2007	121.87	110.47	95.63	96.11	105.22	101.66	101.28	101.77	102.02	104.55
2008	110.50	107.59	88.66	91.03	101.41	103.99	102.59	104.99	99.22	108.53
2009	73.01	89.52	98.83	99.68	96.35	106.07	104.28	101.98	102.23	108.88
2010	120.84	104.63	95.41	92.61	105.29	98.79	99.63	98.20	100.17	103.14
2011	104.58	101.43	92.76	94.16	102.20	101.26	101.39	101.03	103.31	100.84
2012	90.24	96.18	99.81	100.06	98.87	101.26	101.14	102.13	101.25	106.73

### 10-4. Consumer Price Indices

Base: 2011=100

Period	General Index	Food	Clothing	Housing	Transportation & Communi- cations	Medicines & Medical Care	Education & Entertainment	Miscellaneous
1981	59.97	50.78	94.03	65.18	82.65	51.64	41.13	63.13
1985	62.47	51.32	97.54	68.86	84.17	55.72	47.82	63.95
1986	62.90	52.49	94.22	68.72	81.10	55.93	49.52	63.70
1987	63.23	53.12	92.13	69.00	79.77	56.55	50.47	63.79
1988	64.04	53.87	94.51	69.42	78.82	56.25	53.38	64.09
1989	66.87	57.23	95.03	72.44	79.82	58.56	55.74	65.62
1990	69.63	59.26	95.19	76.52	81.73	60.41	60.01	67.29
1991	72.15	59.88	95.34	80.95	86.72	62.62	64.81	68.99
1992	75.37	64.87	96.90	83.77	85.71	66.07	68.73	70.22
1993	77.59	66.87	93.50	86.86	86.18	67.00	73.46	72.83
1994	80.77	71.18	92.73	90.46	86.41	68.25	77.76	74.86
1995	83.73	74.25	96.14	93.63	88.49	69.34	81.58	77.21
1996	86.31	77.08	98.49	95.57	89.56	70.51	87.54	78.23
1997	87.09	76.54	99.53	96.63	90.56	72.18	90.71	79.20
1998	88.56	79.91	94.02	97.70	89.67	72.83	93.65	80.52
1999	88.71	79.33	92.94	97.78	89.00	75.43	95.60	81.50
2000	89.82	79.64	93.44	98.17	91.84	78.36	98.48	82.30
2001	89.82	78.93	91.84	97.67	92.81	79.43	100.57	82.46
2002	89.64	78.79	92.34	96.51	90.75	80.49	100.68	86.30
2003	89.39	78.73	93.43	95.57	91.31	83.25	99.37	85.78
2004	90.83	82.05	96.37	95.36	93.21	84.91	99.47	86.70
2005	92.92	88.00	96.24	95.76	94.42	88.35	99.25	86.45
2006	93.48	87.43	92.78	96.60	96.01	91.31	99.42	90.05
2007	95.16	89.93	95.35	97.54	97.66	94.94	100.02	91.72
2008	98.51	97.62	96.29	99.04	99.94	96.99	101.33	93.25
2009	97.66	97.19	95.58	98.70	95.94	97.57	99.53	95.80
2010	98.60	97.79	97.20	99.15	98.61	98.21	99.48	98.62
2011	100.00	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	100.86	100.68	102.30

Source: See Table 10-1.

10-5. Consumer Price Link Indices

Period	General Index	Food	Clothing	Housing	Transportation & Communications	Medicines & Medical Care	Education & Entertainment	Miscellaneous
1982	102.95	104.16	101.75	102.56	100.39	101.03	105.25	99.90
1985	99.84	97.96	99.44	100.26	100.77	103.38	104.27	99.70
1986	100.69	102.28	96.60	99.80	96.35	100.38	103.55	99.61
1987	100.52	101.20	97.78	100.41	98.36	101.11	101.92	100.14
1988	101.28	101.41	102.58	100.61	98.81	99.47	105.77	100.47
1989	104.42	106.24	100.55	104.35	101.27	104.11	104.42	102.39
1990	104.13	103.55	100.17	105.63	102.39	103.16	107.66	102.54
1991	103.62	101.05	100.16	105.79	106.11	103.66	108.00	102.53
1992	104.46	108.33	101.64	103.48	98.84	105.51	106.05	101.78
1993	102.95	103.08	96.49	103.69	100.55	101.41	106.88	103.72
1994	104.10	106.45	99.18	104.14	100.27	101.87	105.85	102.79
1995	103.66	104.31	103.68	103.50	102.41	101.60	104.91	103.14
1996	103.08	103.81	102.44	102.07	101.21	101.69	107.31	101.32
1997	100.90	99.30	101.06	101.11	101.12	102.37	103.62	101.24
1998	101.69	104.40	94.46	101.11	99.02	100.90	103.24	101.67
1999	100.17	99.27	98.85	100.08	99.25	103.57	102.08	101.22
2000	101.25	100.39	100.54	100.40	103.19	103.88	103.01	100.98
2001	100.00	99.11	98.29	99.49	101.06	101.37	102.12	100.19
2002	99.80	99.82	100.54	98.81	97.78	101.33	100.11	104.66
2003	99.72	99.92	101.18	99.03	100.62	103.43	98.70	99.40
2004	101.61	104.22	103.15	99.78	102.08	101.99	100.10	101.07
2005	102.30	107.25	99.87	100.42	101.30	104.05	99.78	99.71
2006	100.60	99.35	96.40	100.88	101.68	103.35	100.17	104.16
2007	101.80	102.86	102.77	100.97	101.72	103.98	100.60	101.85
2008	103.52	108.55	100.99	101.54	102.33	102.16	101.31	101.67
2009	99.14	99.56	99.26	99.66	96.00	100.60	98.22	102.73
2010	100.96	100.62	101.69	100.46	102.78	100.66	99.95	102.94
2011	101.42	102.26	102.88	100.86	101.41	101.82	100.52	101.40
2012	101.93	104.16	102.52	101.13	100.44	100.86	100.68	102.30

Source: See Table 10-1.

## 10-6a. Import Price Indices

Base: 2011=100

Period	General Index	Animal Products	Vegetable Products	Prepared Foodstuffs, Beverages, Spirits & Tobacco	Mineral Products	Products of The Chemical or Allied Industries	Plastics, Rubber & Articles Thereof	Leather & Articles Thereof	Wood & Articles of Wood
1981	82.78	55.08	59.78	57.07	...	65.33	57.31	48.38	52.88
1985	77.96	58.25	50.71	49.72	...	62.66	57.86	54.92	52.71
1986	67.80	54.39	44.69	48.69	...	59.75	57.17	53.77	51.78
1987	62.82	46.12	35.50	43.75	...	56.44	54.26	54.46	53.85
1988	62.20	46.68	42.39	44.96	...	60.80	59.17	54.98	48.97
1989	58.87	48.99	42.25	41.31	...	56.55	48.60	53.29	45.93
1990	60.25	48.61	40.52	43.54	...	53.65	48.20	55.15	46.99
1991	58.56	47.57	39.54	46.72	...	53.62	48.20	47.31	46.57
1992	54.51	45.06	36.56	45.48	...	46.65	43.68	43.08	42.62
1993	57.04	43.04	39.12	46.19	...	48.26	44.78	45.44	56.09
1994	59.96	44.81	40.23	46.04	...	53.66	48.49	50.12	60.53
1995	66.04	48.96	44.08	49.12	...	65.51	57.58	55.82	60.24
1996	64.40	47.85	53.55	54.82	...	59.01	56.91	54.80	62.90
1997	63.50	50.42	47.70	57.66	...	57.98	55.68	60.13	65.87
1998	63.96	53.22	48.03	67.52	16.65	56.96	56.59	64.58	67.47
1999	61.35	48.81	41.20	63.55	19.03	54.51	52.29	61.02	70.58
2000	64.18	49.99	39.29	60.42	25.81	63.75	54.53	63.79	68.87
2001	63.38	53.20	42.02	65.03	25.34	60.51	53.50	75.73	73.20
2002	63.63	52.87	44.82	68.74	26.60	61.62	53.64	73.41	73.84
2003	66.90	56.65	52.08	68.55	30.38	68.37	57.83	77.78	77.78
2004	72.64	61.75	61.01	70.60	38.32	77.87	65.87	80.74	84.99
2005	74.40	62.69	52.85	72.26	49.27	77.72	74.25	77.97	84.76
2006	80.96	70.81	54.83	80.29	59.16	83.07	75.77	81.35	87.72
2007	88.20	87.57	78.30	82.46	66.75	90.22	80.64	89.44	95.07
2008	96.00	82.31	100.63	83.16	89.19	94.52	87.51	86.33	96.38
2009	86.78	75.93	80.49	88.61	66.18	84.77	87.97	88.69	90.54
2010	92.89	87.61	86.32	96.54	78.95	91.95	96.27	100.08	99.82
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.72	97.49	101.04	103.48	101.29	96.92	94.50	101.70	99.45

Source: See Table 10-1.

10-6b. Import Price Indices

Period	Woodpulp, Paper & Articles Thereof	Textiles & Textile Articles	Stone Materials, Glass & Glassware	Base Metals & Articles of Base Metal	Machinery, Electrical Equipment, TV Image & Sound Recorders, Etc	Transportation Equipment	Optical, Measuring, Medical Instruments, Musical Instruments & Parts Thereof	Miscellaneous Manufactured Articles
1981	74.05	79.14	...	38.28	...	61.07	...	...
1985	67.76	71.55	...	34.80	...	62.41	...	...
1986	67.92	66.14	...	33.45	...	63.59	...	...
1987	71.45	69.44	...	32.52	...	61.60	...	...
1988	70.53	68.52	...	37.63	...	60.36	...	...
1989	65.13	63.32	...	37.21	...	54.85	...	...
1990	62.44	64.10	...	35.47	...	58.73	...	...
1991	59.43	60.20	...	33.95	...	60.44	...	...
1992	52.66	53.91	...	30.65	...	61.45	...	...
1993	49.17	54.64	...	30.66	...	70.22	...	...
1994	63.76	59.53	...	31.91	...	73.91	...	...
1995	90.29	67.39	...	37.06	...	78.52	...	...
1996	70.06	62.27	...	34.75	...	73.00	...	...
1997	67.45	63.90	...	36.25	...	69.63	...	...
1998	70.18	68.46	128.77	37.52	150.82	73.87	122.36	92.63
1999	68.16	62.80	118.09	33.73	141.25	77.80	120.78	91.10
2000	76.31	61.70	113.70	35.31	134.13	82.15	119.15	87.81
2001	71.22	64.31	121.94	35.36	130.47	82.36	112.89	89.94
2002	70.62	66.11	98.65	36.79	125.71	79.40	113.75	90.66
2003	74.24	69.54	92.68	42.84	123.14	81.85	114.57	93.21
2004	80.57	69.39	105.17	57.32	119.83	84.27	112.50	92.70
2005	79.23	66.93	92.18	60.49	111.45	80.73	103.49	91.32
2006	83.61	67.81	89.34	80.93	109.04	79.18	101.56	91.78
2007	93.84	71.52	90.75	100.83	107.52	80.73	101.79	89.36
2008	97.85	71.83	96.56	106.60	102.00	85.91	100.08	95.94
2009	88.58	73.62	104.55	78.49	107.89	95.22	104.56	103.19
2010	102.20	82.17	105.64	95.91	103.04	97.14	102.74	101.12
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	91.57	88.71	91.57	90.21	101.23	101.17	100.68	101.67

Source: See Table 10-1.

10-7a. Import Price Link Indices

Period	General Index	Animal Products	Vegetable Products	Prepared Foodstuffs, Beverages, Spirits & Tobacco	Mineral Products	Products of The Chemical or Allied Industries	Plastics, Rubber & Articles Thereof	Leather & Articles Thereof	Wood & Articles of Wood
1982	98.89	105.65	87.24	92.13	...	97.52	101.88	97.89	104.63
1985	98.52	99.42	95.05	89.63	...	99.32	100.12	100.04	94.70
1986	86.97	93.37	88.13	97.93	...	95.36	98.81	97.91	98.24
1987	92.65	84.79	79.44	89.85	...	94.46	94.91	101.28	104.00
1988	99.01	101.21	119.41	102.77	...	107.73	109.05	100.95	90.94
1989	94.65	104.95	99.67	91.88	...	93.01	82.14	96.93	93.79
1990	102.34	99.22	95.91	105.40	...	94.87	99.18	103.49	102.31
1991	97.20	97.86	97.58	107.30	...	99.94	100.00	85.78	99.11
1992	93.08	94.72	92.46	97.35	...	87.00	90.62	91.06	91.52
1993	104.64	95.52	107.00	101.56	...	103.45	102.52	105.48	131.60
1994	105.12	104.11	102.84	99.68	...	111.19	108.28	110.30	107.92
1995	110.14	109.26	109.57	106.69	...	122.08	118.75	111.37	99.52
1996	97.52	97.73	121.48	111.60	...	90.08	98.84	98.17	104.42
1997	98.60	105.37	89.08	105.18	...	98.25	97.84	109.73	104.72
1998	100.72	105.55	100.69	117.10	...	98.24	101.63	107.40	102.43
1999	95.92	91.71	85.78	94.12	114.29	95.70	92.40	94.49	104.61
2000	104.61	102.42	95.36	95.07	135.63	116.95	104.28	104.54	97.58
2001	98.75	106.42	106.95	107.63	98.18	94.92	98.11	118.72	106.29
2002	100.39	99.38	106.66	105.71	104.97	101.83	100.26	96.94	100.87
2003	105.14	107.15	116.20	99.72	114.21	110.95	107.81	105.95	105.34
2004	108.58	109.00	117.15	102.99	126.14	113.89	113.90	103.81	109.27
2005	102.42	101.52	86.63	102.35	128.58	99.81	112.72	96.57	99.73
2006	108.82	112.95	103.75	111.11	120.07	106.88	102.05	104.34	103.49
2007	108.94	123.67	142.81	102.70	112.83	108.61	106.43	109.94	108.38
2008	108.84	93.99	128.52	100.85	133.62	104.77	108.52	96.52	101.38
2009	90.40	92.25	79.99	106.55	74.20	89.68	100.53	102.73	93.94
2010	107.04	115.38	107.24	108.95	119.30	108.47	109.44	112.84	110.25
2011	107.65	114.14	115.85	103.58	126.66	108.75	103.87	99.92	100.18
2012	98.72	97.49	101.04	103.48	101.29	96.92	94.50	101.70	99.45

Source: See Table 10-1.

10-7b.Import Price Link Indices

Period	Woodpulp, Paper & Articles Thereof	Textiles & Textile Articles	Stone Materials, Glass & Glassware	Base Metals & Articles of Base Metal	Machinery, Electrical Equipment, TV Image & Sound Recorders, Etc	Transportation Equipment	Optical, Measuring, Medical Instruments, Musical Instruments & Parts Thereof	Miscellaneous Manufactured Articles
1982	93.49	96.55	...	90.83	...	101.36	...	...
1985	92.62	93.80	...	98.44	...	98.69	...	...
1986	100.24	92.44	...	96.12	...	101.89	...	...
1987	105.20	104.99	...	97.22	...	96.87	...	...
1988	98.71	98.68	...	115.71	...	97.99	...	...
1989	92.34	92.41	...	98.88	...	90.87	...	...
1990	95.87	101.23	...	95.32	...	107.07	...	...
1991	95.18	93.92	...	95.71	...	102.91	...	...
1992	88.61	89.55	...	90.28	...	101.67	...	...
1993	93.37	101.35	...	100.03	...	114.27	...	...
1994	129.67	108.95	...	104.08	...	105.25	...	...
1995	141.61	113.20	...	116.14	...	106.24	...	...
1996	77.59	92.40	...	93.77	...	92.97	...	...
1997	96.27	102.62	...	104.32	...	95.38	...	...
1998	104.05	107.14	...	103.50	...	106.09	...	...
1999	97.12	91.73	91.71	89.90	93.65	105.32	98.71	98.35
2000	111.96	98.25	96.28	104.68	94.96	105.59	98.65	96.39
2001	93.33	104.23	107.25	100.14	97.27	100.26	94.75	102.43
2002	99.16	102.80	80.90	104.04	96.35	96.41	100.76	100.80
2003	105.13	105.19	93.95	116.44	97.96	103.09	100.72	102.81
2004	108.53	99.78	113.48	133.80	97.31	102.96	98.19	99.45
2005	98.34	96.45	87.65	105.53	93.01	95.80	91.99	98.51
2006	105.53	101.31	96.92	133.79	97.84	98.08	98.14	100.50
2007	112.24	105.47	101.58	124.59	98.61	101.96	100.23	97.36
2008	104.27	100.43	106.40	105.72	94.87	106.42	98.32	107.36
2009	90.53	102.49	108.27	73.63	105.77	110.84	104.48	107.56
2010	115.38	111.61	101.04	122.19	95.50	102.02	98.26	97.99
2011	97.85	121.70	94.66	104.26	97.05	102.94	97.33	98.89
2012	91.57	88.71	91.57	90.21	101.23	101.17	100.68	101.67

Source: See Table 10-1.

10-8. Export Price Indices

Base: 2011=100

Period	General Index	Animal Products	Prepared Foodstuffs, Beverages, Spirits & Tobacco	Mineral Products	Products of The Chemical or Allied Industries	Plastics, Rubber & Articles Thereof	Wood pulp, Paper & Articles Thereof	Textiles & Textile Articles	Stone Materials, Glass & Glassware	Base Metals & Articles of Base Metal	Transportation Equipment	Miscellaneous Manufactured Articles
1981	114.72	...	...	...	73.98	63.67	...	64.91	...	61.85	72.27	...
1985	114.94	...	...	...	67.19	63.94	...	67.47	...	61.31	81.06	...
1986	110.08	...	...	...	62.40	61.49	...	65.01	...	57.56	78.60	...
1987	101.97	...	...	...	54.32	57.09	...	64.16	...	53.89	79.09	...
1988	99.26	...	...	...	53.66	57.81	...	61.01	...	53.61	88.02	...
1989	95.57	...	...	...	50.45	54.49	...	59.00	...	53.70	85.48	...
1990	97.93	...	...	...	50.90	54.86	...	60.05	...	54.04	90.32	...
1991	98.45	...	...	...	51.11	54.46	...	60.62	...	53.40	92.83	...
1992	93.16	...	...	...	47.94	50.77	...	57.85	...	49.39	89.02	...
1993	97.99	...	...	...	50.17	53.63	...	59.59	...	52.04	88.97	...
1994	98.55	...	...	...	48.74	55.49	...	63.16	...	52.22	89.22	...
1995	105.34	...	...	...	51.17	63.04	...	70.12	...	55.72	91.24	...
1996	107.10	...	...	...	52.97	58.84	...	71.04	...	56.72	92.44	...
1997	109.29	...	...	...	54.72	61.09	...	75.72	...	58.16	94.38	...
1998	115.39	66.43	80.34	17.73	59.45	66.36	79.06	82.13	132.94	63.33	106.60	106.32
1999	105.54	76.62	79.30	21.88	57.73	62.41	79.17	76.87	111.30	57.47	103.60	100.65
2000	104.62	60.26	60.03	34.20	62.15	64.48	81.43	76.61	111.74	58.07	99.14	96.89
2001	104.95	53.16	55.46	31.53	63.59	64.81	77.33	78.73	109.15	59.19	98.59	100.24
2002	103.39	54.22	57.11	33.15	62.80	64.70	81.47	78.18	95.34	60.63	97.56	99.74
2003	101.84	58.18	58.25	37.65	66.58	68.78	82.54	79.57	92.00	66.86	99.43	98.96
2004	103.49	66.07	62.72	43.03	76.09	77.90	83.31	79.95	106.79	79.88	96.68	98.80
2005	100.94	62.05	72.16	56.71	76.07	79.82	81.61	78.85	97.77	83.33	92.61	98.01
2006	103.46	64.89	74.58	68.04	80.17	83.40	82.72	80.22	91.53	90.85	91.97	99.52
2007	107.14	63.34	83.62	77.74	89.57	89.06	87.30	83.93	96.09	103.84	95.90	100.43
2008	104.84	75.51	91.34	100.48	90.07	94.53	95.92	84.83	94.63	107.24	96.25	101.06
2009	97.93	72.45	104.94	66.73	79.27	84.83	87.05	87.72	89.82	89.03	101.46	105.11
2010	99.91	80.77	102.43	79.42	92.45	93.78	102.50	93.36	101.72	99.10	98.92	100.83
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	98.38	107.31	105.37	103.91	92.09	96.74	94.83	96.82	93.63	92.24	101.29	102.55

10-9. Export Price Link Indices

Period	General Index	Animal Products	Prepared Foodstuffs, Beverages, Spirits & Tobacco	Mineral Products	Products of The Chemical or Allied Industries	Plastics, Rubber & Articles Thereof	Wood pulp, Paper & Articles Thereof	Textiles & Textile Articles	Stone Materials, Glass & Glassware	Base Metals & Articles of Base Metal	Transportation Equipment	Miscellaneous Manufactured Articles
1982	101.04	...	...	...	95.97	101.44	...	99.20	...	100.63	105.95	...
1985	99.86	...	...	...	100.22	101.72	...	99.54	...	101.39	101.76	...
1988	97.34	...	...	...	98.78	101.26	...	95.09	...	99.48	111.29	...
1989	96.28	...	...	...	94.02	94.26	...	96.71	...	100.17	97.11	...
1990	102.47	...	...	...	100.89	100.68	...	101.78	...	100.63	105.66	...
1991	100.53	...	...	...	100.41	99.27	...	100.95	...	98.82	102.78	...
1992	94.63	...	...	...	93.80	93.22	...	95.43	...	92.49	95.90	...
1993	105.18	...	...	...	104.65	105.63	...	103.01	...	105.37	99.94	...
1994	100.57	...	...	...	97.15	103.47	...	105.99	...	100.35	100.28	...
1995	106.89	...	...	...	104.99	113.61	...	111.02	...	106.70	102.26	...
1996	101.67	...	...	...	103.52	93.34	...	101.31	...	101.79	101.32	...
1997	102.04	...	...	...	103.30	103.82	...	106.59	...	102.54	102.10	...
1998	105.58	...	...	...	108.64	108.63	...	108.47	...	108.89	112.95	...
1999	91.46	115.34	98.71	123.41	97.11	94.05	100.14	93.60	83.72	90.75	97.19	94.67
2000	99.13	78.65	75.70	156.31	107.66	103.32	102.85	99.66	100.40	101.04	95.69	96.26
2001	100.32	88.22	92.39	92.19	102.32	100.51	94.97	102.77	97.68	101.93	99.45	103.46
2002	98.51	101.99	102.98	105.14	98.76	99.83	105.35	99.30	87.35	102.43	98.96	99.50
2003	98.50	107.30	102.00	113.57	106.02	106.31	101.31	101.78	96.50	110.28	101.92	99.22
2004	101.62	113.56	107.67	114.29	114.28	113.26	100.93	100.48	116.08	119.47	97.23	99.84
2005	97.54	93.92	115.05	131.79	99.97	102.46	97.96	98.62	91.55	104.32	95.79	99.20
2006	102.50	104.58	103.35	119.98	105.39	104.49	101.36	101.74	93.62	109.02	99.31	101.54
2007	103.56	97.61	112.12	114.26	111.73	106.79	105.54	104.62	104.98	114.30	104.27	100.91
2008	97.85	119.21	109.23	129.25	100.56	106.14	109.87	101.07	98.48	103.27	100.36	100.63
2009	93.41	95.95	114.89	66.41	88.01	89.74	90.75	103.41	94.92	83.02	105.41	104.01
2010	102.02	111.48	97.61	119.02	116.63	110.55	117.75	106.43	113.25	111.31	97.50	95.93
2011	100.09	123.81	97.63	125.91	108.17	106.63	97.56	107.11	98.31	100.91	101.09	99.18
2012	98.38	107.31	105.37	103.91	92.09	96.74	94.83	96.82	93.63	92.24	101.29	102.55

Source: See Table 10-1.

10-10. Indices of Prices Received and Paid by Farmers

Base: 2011=100

Period	Received			Paid		
	General Index	Crops	Livestock Products	General Index	Production Cost	Living Cost
1981	67.52	59.60	115.74	59.35	58.82	59.50
1985	62.58	63.56	82.31	59.39	57.02	60.60
1986	67.21	64.66	99.21	59.47	56.28	61.16
1987	67.86	68.89	92.29	58.75	54.00	61.76
1988	69.99	71.97	93.17	59.11	52.28	62.66
1989	74.65	74.31	104.66	61.76	55.33	65.11
1990	73.16	83.70	78.71	62.99	53.97	67.67
1991	70.26	80.18	76.03	64.92	55.27	69.90
1992	74.47	81.53	86.07	67.44	58.01	72.29
1993	77.10	82.74	91.77	70.48	62.07	74.74
1994	82.79	90.78	95.50	73.09	64.75	77.28
1995	86.90	94.28	101.76	75.79	67.17	80.12
1996	85.80	91.70	102.72	79.05	71.90	82.56
1997	74.44	88.38	75.12	77.33	66.88	82.71
1998	81.53	95.33	83.52	78.55	68.15	83.90
1999	86.38	92.00	100.90	79.19	70.18	83.85
2000	74.83	84.01	81.47	79.25	68.14	84.95
2001	73.98	87.59	74.25	79.32	68.06	85.09
2002	74.92	84.86	80.50	80.19	67.82	86.53
2003	77.80	83.60	71.63	81.67	70.85	87.27
2004	85.51	90.19	80.65	85.04	78.15	88.85
2005	93.59	105.22	80.92	86.51	77.19	91.46
2006	89.81	103.62	74.68	87.02	76.83	92.38
2007	89.90	99.68	79.31	90.53	83.34	94.52
2008	100.54	104.77	96.02	98.22	97.72	98.52
2009	96.82	99.01	94.49	95.47	91.87	97.62
2010	97.84	99.64	95.94	96.79	93.86	98.54
2011	100.00	100.00	100.00	100.00	100.00	100.00
2012	105.91	115.53	95.63	101.60	100.97	101.93

Source: The data are provided by the Council of Agriculture, Executive Yuan.

10-11. Link Indices of Prices Received and Paid by Farmers

Period	Received			Paid		
	General Index	Crops	Livestock Products	General Index	Production Cost	Living Cost
1982	105.27	107.16	102.37	102.98	103.74	102.54
1985	94.78	100.44	83.78	98.07	95.37	99.61
1986	107.40	101.73	120.53	100.13	98.70	100.92
1987	100.97	106.54	93.02	98.79	95.95	100.98
1988	103.14	104.47	100.95	100.61	96.81	101.46
1989	106.66	103.25	112.33	104.48	105.83	103.91
1990	98.00	112.64	75.21	101.99	97.54	103.93
1991	96.04	95.79	96.60	103.06	102.41	103.30
1992	105.99	101.68	113.21	103.88	104.96	103.42
1993	103.53	101.48	106.62	104.51	107.00	103.39
1994	107.38	109.72	104.06	103.70	104.32	103.40
1995	104.96	103.86	106.55	103.69	103.74	103.67
1996	98.73	97.26	100.94	104.30	107.04	103.05
1997	86.76	96.38	73.13	97.82	93.02	100.18
1998	109.52	107.86	111.18	101.58	101.90	101.44
1999	105.95	96.51	120.81	100.81	102.98	99.94
2000	86.63	91.32	80.74	100.08	97.09	101.31
2001	98.86	104.26	91.14	100.09	99.88	100.16
2002	101.27	96.88	108.42	101.10	99.65	101.69
2003	103.84	98.52	88.98	101.85	104.47	100.86
2004	109.91	107.88	112.59	104.13	110.30	101.81
2005	109.45	116.66	100.33	101.73	98.77	102.94
2006	95.96	98.48	92.29	100.59	99.53	101.01
2007	100.10	96.20	106.20	104.03	108.47	102.32
2008	111.84	105.11	121.07	108.49	117.25	104.23
2009	96.30	94.50	98.41	97.20	94.01	99.09
2010	101.05	100.64	101.53	101.38	102.17	100.94
2011	102.21	100.36	104.23	103.32	106.54	101.48
2012	105.91	115.53	95.63	101.60	100.97	101.93

Source: See Table 10-10.



## **11. EXTERNAL TRADE**



11-1a. Balance of Payments

Unit: US\$ million

Item	1997	1998	1999	2000	2001	2002	2003	2004
<b>A. Current Account (1)</b>	7,050	3,436	7,993	8,899	18,936	26,357	30,504	19,728
Goods: exports f.o.b.	124,341	112,751	123,763	151,899	126,247	135,268	150,597	182,362
Goods: imports f.o.b.	-110,460	-102,436	-109,057	-138,227	-105,686	-110,348	-124,460	-164,999
<i>Balance on Goods</i>	13,881	10,315	14,706	13,672	20,561	24,920	26,137	17,363
Services: credit	17,144	16,768	17,161	20,010	19,895	21,635	23,166	25,789
Services: debit	-24,888	-24,169	-24,362	-26,647	-24,465	-24,719	-25,635	-30,731
<i>Balance on Goods and Services</i>	6,137	2,914	7,505	7,035	15,991	21,836	23,668	12,421
Income: credit	6,919	6,481	6,965	9,166	9,327	10,334	12,991	15,485
Income: debit	-3,797	-4,432	-4,160	-4,698	-3,648	-3,321	-3,436	-4,353
<i>Balance on Goods, Services, and Income</i>	9,259	4,963	10,310	11,503	21,670	28,849	33,223	23,553
Current transfers: credit	2,898	2,943	3,126	3,202	2,607	2,621	2,673	3,170
Current transfers: debit	-5,107	-4,470	-5,443	-5,806	-5,341	-5,113	-5,392	-6,995
<b>B. Capital Account (1)</b>	-314	-181	-173	-287	-163	-139	-87	-77
Capital account: credit	-	-	-	-	-	1	1	6
Capital account: debit	-314	-181	-173	-287	-163	-140	-88	-83
<i>Total, Groups A plus B</i>	6,736	3,255	7,820	8,612	18,773	26,218	30,417	19,651
<b>C. Financial Account (1)</b>	-7,291	2,495	9,220	-8,019	-384	8,749	7,628	7,169
Direct investment abroad	-5,243	-3,836	-4,420	-6,701	-5,480	-4,886	-5,682	-7,145
Direct investment in Taiwan, R.O.C.	2,248	222	2,926	4,928	4,109	1,445	453	1,898
Portfolio investment assets	-6,456	-4,136	-4,577	-9,780	-11,347	-15,442	-34,763	-21,823
Equity securities	-4,628	-3,893	-5,058	-9,265	-8,649	-9,142	-9,850	-8,167
Debt securities	-1,828	-243	481	-515	-2,698	-6,300	-24,913	-13,656

(1) Excludes components that have been classified in the categories of Group E.

Source: The Central Bank of China, R.O.C. (Taiwan), *Financial Statistics Monthly, Republic of China (Taiwan)*, March 2013.

## 11-1b. Balance of Payments (Continued)

Unit: US\$ million

	1997	1998	1999	2000	2001	2002	2003	2004
Portfolio investment liabilities	-1,246	1,848	13,913	9,556	11,119	6,616	29,566	17,154
Equity securities	-2,232	1,553	14,765	8,489	11,298	3,636	25,197	14,092
Debt securities	986	295	-852	1,067	-179	2,980	4,369	3,062
Financial derivatives	-251	-124	-257	-304	-1,063	-242	-215	-843
Financial derivatives assets	583	317	251	414	535	400	519	888
Financial derivatives liabilities	-834	-441	-508	-718	-1,598	-642	-734	-1,731
Other investment assets	-1,291	3,494	2,334	-8,368	-1,770	11,990	3,939	408
Monetary authorities	-	-	-	-	-	-	-	-
General government	-21	-10	-11	-13	8	2	33	32
Banks	-1,637	-1,443	-923	-10,105	-7,341	3,022	-1,994	-6,754
Other sectors	367	4,947	3,268	1,750	5,563	8,966	5,900	7,130
Other investment liabilities	4,948	5,027	-699	2,650	4,048	9,268	14,330	17,520
Monetary authorities	-	-	-	-	-	-	-	898
General government	-21	-14	-7	-7	-4	-5	-8	-6
Banks	2,541	1,404	-4,645	-1,705	636	4,677	11,391	13,957
Other sectors	2,428	3,637	3,953	4,362	3,416	4,596	2,947	2,671
<i>Total, Groups A through C</i>	-555	5,750	17,040	593	18,389	34,967	38,045	26,820
<b>D. Net Errors and Omissions</b>	-173	-923	1,553	1,884	-1,036	-1,303	-953	-225
<i>Total, Groups A through D</i>	-728	4,827	18,593	2,477	17,353	33,664	37,092	26,595
<b>E. Reserves and Related Items</b>	728	-4,827	-18,593	-2,477	-17,353	-33,664	-37,092	-26,595
Reserve assets	728	-4,827	-18,593	-2,477	-17,353	-33,664	-37,092	-26,595
Use of fund credit and loans	-	-	-	-	-	-	-	-
Exceptional financing	-	-	-	-	-	-	-	-

## 11-1c. Balance of Payments (Continued)

Unit: US\$ million

Item	2005	2006	2007	2008	2009	2010	2011	2012
<b>A. Current Account</b>	17,578	26,332	35,154	27,505	42,923	39,872	41,230	49,550
Goods: exports f.o.b.	198,456	223,783	246,500	254,897	203,399	273,823	307,030	299,756
Goods: imports f.o.b.	-179,000	-199,554	-216,055	-236,419	-172,846	-247,310	-279,182	-269,021
<i>Balance on Goods</i>	19,456	24,229	30,445	18,478	30,553	26,513	27,848	30,735
Services: credit	25,827	29,272	33,286	36,829	31,774	40,357	45,920	49,046
Services: debit	-32,480	-32,815	-34,926	-34,982	-29,783	-37,864	-42,026	-42,909
<i>Balance on Goods and Services</i>	12,803	20,686	28,805	20,325	32,544	29,006	31,742	36,872
Income: credit	17,394	19,338	23,500	23,277	20,351	23,265	24,833	25,861
Income: debit	-8,355	-9,757	-13,368	-13,299	-7,827	-9,689	-11,654	-10,584
<i>Balance on Goods, Services, and Income</i>	21,842	30,267	38,937	30,303	45,068	42,582	44,921	52,149
Current transfers: credit	3,463	3,837	4,689	5,526	4,902	5,251	5,547	5,446
Current transfers: debit	-7,727	-7,772	-8,472	-8,324	-7,047	-7,961	-9,238	-8,045
<b>B. Capital Account</b>	-117	-118	-96	-334	-96	-116	-119	-100
Capital account: credit	1	4	3	3	2	5	3	4
Capital account: debit	-118	-122	-99	-337	-98	-121	-122	-104
<i>Total, Groups A plus B</i>	17,461	26,214	35,058	27,171	42,827	39,756	41,111	49,450
<b>C. Financial Account</b>	2,302	-19,620	-38,951	-1,660	13,469	-358	-32,046	-31,503
Direct investment abroad	-6,028	-7,399	-11,107	-10,287	-5,877	-11,574	-12,766	-13,031
Direct investment in Taiwan, R.O.C.	1,625	7,424	7,769	5,432	2,805	2,492	-1,957	3,205
Portfolio investment assets	-33,902	-40,779	-44,966	3,527	-31,699	-33,487	-19,503	-45,361
Equity securities	-12,464	-18,467	-35,697	-4,573	-21,197	-12,274	-2,078	-17,000
Debt securities	-21,438	-22,312	-9,269	8,100	-10,502	-21,213	-17,425	-28,361

## 11-1d. Balance of Payments (Continued)

Unit: US\$ million

	2005	2006	2007	2008	2009	2010	2011	2012
Portfolio investment liabilities	31,045	21,814	4,904	-15,777	21,372	12,823	-16,188	2,914
Equity securities	34,826	22,662	5,599	-15,418	19,427	9,986	-14,924	2,906
Debt securities	-3,781	-848	-695	-359	1,945	2,837	-1,264	8
Financial derivatives	-1,003	-965	-289	1,589	852	577	1,038	328
Financial derivatives assets	909	1,930	3,691	7,938	5,344	4,497	5,777	4,526
Financial derivatives liabilities	-1,912	-2,895	-3,980	-6,349	-4,492	-3,920	-4,739	-4,198
Other investment assets	-6,254	-1,266	-6,847	10,621	25,663	12,317	-7,988	5,771
Monetary authorities	-	-	-	-	-	-	-	-
General government	-	-4	11	7	-2	13	-13	3
Banks	-9,421	-5,525	-10,158	-16,726	707	1,212	-25,352	-3,382
Other sectors	3,167	4,263	3,300	27,340	24,958	11,092	17,377	9,150
Other investment liabilities	16,819	1,551	11,585	3,235	353	16,494	25,318	14,671
Monetary authorities	9,250	-3,311	-7,300	-3,116	-	-	-	-
General government	-	6	-6	-	-	-	-	-
Banks	5,352	1,993	16,118	-49	-9,741	15,099	22,334	10,254
Other sectors	2,217	2,863	2,773	6,400	10,094	1,395	2,984	4,417
<i>Total, Groups A through C</i>	19,763	6,594	-3,893	25,511	56,296	39,398	9,065	17,947
<b>D. Net Errors and Omissions</b>	293	-508	-127	763	-2,170	775	-2,826	-2,463
<i>Total, Groups A through D</i>	20,056	6,086	-4,020	26,274	54,126	40,173	6,239	15,484
<b>E. Reserves and Related Items</b>	-20,056	-6,086	4,020	-26,274	-54,126	-40,173	-6,239	-15,484
Reserve assets	-20,056	-6,086	4,020	-26,274	-54,126	-40,173	-6,239	-15,484
Use of fund credit and loans	-	-	-	-	-	-	-	-
Exceptional financing	-	-	-	-	-	-	-	-

11-2a. Indices of Foreign Trade

Period	Value Index		Quantum Index		Unit Value Index		Net Terms of Trade	Income Terms of Trade
	Exports	Imports	Exports	Imports	Exports	Imports		
I. Index of Fixed Base Period (Base: 1991 = 100)								
1972	5.86	5.96	11.52	12.07	50.87	49.36	103.06	11.87
1973	8.37	8.58	13.66	14.11	61.28	60.82	100.76	13.76
1974	10.47	15.70	13.29	18.34	78.76	85.59	92.02	12.23
1975	9.87	13.39	13.30	16.11	74.23	83.12	89.30	11.88
1976	15.19	17.10	20.07	21.03	75.69	81.32	93.08	18.68
1977	17.41	19.15	22.06	21.72	78.92	88.16	89.52	19.75
1978	22.96	24.15	27.76	23.90	82.72	101.05	81.86	22.72
1979	28.39	31.52	29.63	26.61	95.81	118.44	80.89	23.97
1980	34.90	42.08	32.84	30.40	106.28	138.44	76.77	25.21
1981	40.66	46.05	35.42	30.25	114.78	152.22	75.40	26.71
1982	42.35	43.54	37.37	29.35	113.33	148.34	76.40	28.55
1983	49.27	48.14	44.78	34.50	110.02	139.55	78.84	35.30
1984	59.03	51.51	52.49	36.48	112.47	141.22	79.64	41.80
1985	59.93	47.42	55.89	36.27	107.23	130.75	82.01	45.84
1986	73.85	54.24	70.55	45.24	104.68	119.90	87.31	61.59
1987	83.67	65.88	82.45	60.71	101.48	108.51	93.52	77.11
1988	84.86	84.17	83.35	76.59	101.81	109.90	92.64	77.21
1989	85.64	81.96	88.87	84.15	96.37	97.40	98.94	87.93
1990	88.34	87.05	90.18	88.16	97.96	98.74	99.21	89.47
1991	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1992	100.35	107.47	103.94	113.40	96.55	94.77	101.88	105.89
1993	109.71	120.34	108.00	119.53	101.58	100.68	100.89	108.97
1994	120.35	133.76	114.58	122.60	105.04	109.10	96.28	110.32
1995	144.54	162.23	121.17	133.15	119.29	121.84	97.91	118.63
1996	155.66	166.50	127.54	134.65	122.05	123.65	98.71	125.89
1997	170.61	193.76	136.49	160.69	125.00	120.58	103.67	141.49
1998 (1)	181.07	207.36	135.16	164.17	133.97	126.31	106.06	143.36

(1) Import and export indices from 2003 onward have been revised to reflect a shift to 2001 as the base year for the period from 1989 to the present, as shown in Tables 11-2c and 11-2d.

Source: Ministry of Finance, R.O.C., *Monthly Statistics of Exports and Imports, R.O.C.*, Feb. 1999.

11-2b. Indices of Foreign Trade (Continued)

Period	Value Index		Quantum Index		Unit Value Index		Net Terms of Trade	Income Terms of Trade
	Exports	Imports	Exports	Imports	Exports	Imports		
II. Link Index (Base: Last Year = 100)								
1973	142.83	143.96	118.58	116.90	120.46	123.22	97.77	115.92
1974	125.09	182.98	97.29	129.98	128.52	140.73	91.33	88.88
1975	94.27	85.29	100.08	87.84	94.25	97.11	97.04	97.14
1976	153.90	127.71	150.90	130.54	101.97	97.83	104.23	157.24
1977	114.61	111.99	109.92	103.28	104.27	108.41	96.18	105.73
1978	131.88	126.11	125.84	110.04	104.82	114.62	91.44	115.04
1979	123.65	130.52	106.74	111.34	115.82	117.21	98.82	105.50
1980	122.93	133.50	110.83	114.24	110.93	116.89	94.91	105.17
1981	116.50	109.43	107.86	99.51	108.00	109.95	98.22	105.95
1982	104.16	94.55	105.51	97.02	98.74	97.45	101.33	106.89
1983	116.34	110.56	119.83	117.55	97.08	94.07	103.19	123.64
1984	119.80	107.00	117.22	105.74	102.23	101.20	101.01	118.41
1985	101.52	92.06	106.48	99.42	95.34	92.59	102.98	109.67
1986	123.23	114.38	126.23	124.73	97.62	91.70	106.46	134.36
1987	113.30	121.46	116.87	134.20	96.94	90.50	107.11	125.20
1988	101.42	127.76	101.09	126.16	100.33	101.28	99.06	100.13
1989	100.92	97.37	106.62	109.87	94.66	88.63	106.80	113.88
1990	103.15	106.21	101.47	104.77	101.65	101.38	100.27	101.75
1991	113.20	114.88	110.89	113.43	102.08	101.28	100.80	111.77
1992	100.35	107.47	103.94	113.40	96.55	94.77	101.88	105.89
1993	109.33	111.98	103.91	105.41	105.21	106.24	99.03	102.91
1994	109.70	111.15	106.09	102.57	103.41	108.36	95.43	101.24
1995	120.10	121.28	105.75	108.61	113.57	111.68	101.69	107.53
1996	107.69	102.63	105.26	101.13	102.31	101.49	100.82	106.12
1997	109.60	116.37	107.02	119.34	102.42	97.52	105.02	112.39
1998	106.13	107.02	99.03	102.17	107.18	104.75	102.31	101.32

## 11-2c. Indices of Foreign Trade (Continued)

Period	Value Index		Quantum Index		Unit Value Index		Net Terms of Trade	Income Terms of Trade
	Exports	Imports	Exports	Imports	Exports	Imports		
I. Index of Fixed Base Period (Base: 2011 = 100)								
1991	23.72	20.53	47.86	42.43	49.55	48.39	102.41	49.02
1992	23.80	22.06	50.43	47.45	47.19	46.49	101.50	51.19
1993	26.02	24.71	52.31	49.54	49.74	49.88	99.72	52.17
1994	28.55	27.46	55.30	49.92	51.62	55.01	93.84	51.90
1995	34.28	33.31	57.74	54.70	59.37	60.89	97.50	56.30
1996	36.92	34.18	60.03	55.34	61.50	61.78	99.56	59.77
1997	40.46	39.78	64.46	64.33	62.78	61.83	101.54	65.45
1998	42.93	42.54	65.25	67.03	65.79	63.47	103.65	67.63
1999	45.54	43.43	67.62	68.86	67.34	63.07	106.78	72.20
2000	53.66	53.05	72.97	75.78	73.53	70.00	105.05	76.66
2001	48.10	43.95	62.13	67.55	77.42	65.05	119.00	73.93
2002	52.40	47.28	67.63	72.92	77.47	64.84	119.49	80.81
2003	57.56	53.23	69.31	77.90	83.05	68.33	121.54	84.24
2004	67.62	68.33	74.17	90.06	91.16	75.87	120.16	89.13
2005	70.72	70.97	79.28	92.17	89.20	77.00	115.85	91.85
2006	80.51	79.76	86.45	94.65	93.13	84.27	110.51	95.54
2007	89.45	87.10	93.17	97.11	96.01	89.69	107.06	99.74
2008	88.59	91.20	90.02	92.44	98.42	98.65	99.76	89.80
2009	74.20	69.53	81.76	83.08	90.75	83.69	108.44	88.66
2010	95.74	95.93	100.38	104.55	95.38	91.76	103.95	104.34
2011	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2012	98.43	96.87	95.98	97.14	102.55	99.73	102.83	98.70

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

Source: Ministry of Finance, R.O.C., *Monthly Statistics of Exports and Imports, R.O.C.*, May 2013.

11-2d. Indices of Foreign Trade (Continued)

Period	Value Index		Quantum Index		Unit Value Index		Net Terms of Trade	Income Terms of Trade
	Exports	Imports	Exports	Imports	Exports	Imports		
II. Change from previous year (%)								
1991	13.17	14.89	10.74	12.55	2.21	2.13	0.09	10.83
1992	0.34	7.45	5.37	11.83	-4.76	-3.93	-0.89	4.43
1993	9.33	12.01	3.73	4.40	5.40	7.29	-1.75	1.91
1994	9.72	11.13	5.72	0.77	3.78	10.28	-5.90	-0.52
1995	20.07	21.30	4.41	9.58	15.01	10.69	3.90	8.48
1996	7.70	2.61	3.97	1.17	3.59	1.46	2.11	6.16
1997	9.59	16.38	7.38	16.25	2.08	0.08	1.99	9.50
1998	6.10	6.94	1.23	4.20	4.79	2.65	2.08	3.33
1999	6.08	2.09	3.63	2.73	2.36	-0.63	3.02	6.76
2000	17.83	22.15	7.91	10.05	9.19	10.99	-1.62	6.18
2001	-10.36	-17.15	-14.86	-10.86	5.29	-7.07	13.28	-3.56
2002	8.94	7.58	8.85	7.95	0.06	-0.32	0.41	9.31
2003	9.85	12.58	2.48	6.83	7.20	5.38	1.72	4.24
2004	17.48	28.37	7.01	15.61	9.77	11.03	-1.14	5.80
2005	4.58	3.86	6.89	2.34	-2.15	1.49	-3.59	3.05
2006	13.84	12.39	9.04	2.69	4.41	9.44	-4.61	4.02
2007	11.10	9.20	7.77	2.60	3.09	6.43	-3.12	4.40
2008	-0.96	4.71	-3.38	-4.81	2.51	9.99	-6.82	-9.97
2009	-16.24	-23.76	-9.18	-10.13	-7.79	-15.16	8.70	-1.27
2010	29.03	37.97	22.77	25.84	5.10	9.64	-4.14	17.69
2011	4.45	4.24	-0.38	-4.35	4.84	8.98	-3.80	-4.16
2012	-1.57	-3.13	-4.02	-2.86	2.55	-0.27	2.83	-1.30

11-3. Export and Import Foreign Exchange Proceeds & Payments

Unit: US\$ million

Period	Foreign Exchange Export Proceeds			Foreign Exchange Import Payments		
	Sold for N.T. Dollars	Retained with Exporters	Total	Purchased with N.T. Dollars	Non-purchased from Banks	Total
1989	53,614	13,860	67,474	41,390	9,191	50,581
1990	49,483	18,961	68,444	44,451	12,806	57,257
1991	54,299	24,057	78,356	44,629	14,855	59,484
1992	55,910	28,770	84,680	54,622	17,303	71,925
1993	50,376	37,618	87,994	51,483	22,622	74,105
1994	50,786	49,306	100,092	52,464	31,171	83,635
1995	54,808	65,125	119,933	59,634	45,031	104,665
1996	49,747	73,762	123,509	54,638	51,279	105,917
1997	44,773	83,380	128,153	52,970	60,257	113,227
1998	31,251	91,708	122,959	47,267	65,935	113,202
1999	34,399	103,815	138,214	44,949	74,379	119,328
2000	35,572	125,558	161,130	49,859	98,587	148,446
2001	25,371	111,861	137,232	38,316	80,595	118,911
2002	24,668	117,820	142,488	36,373	85,838	122,211
2003	24,418	138,736	163,154	39,236	106,090	145,326
2004	27,268	176,786	204,054	47,620	145,683	193,303
2005	26,832	185,450	212,282	48,079	162,494	210,573
2006	26,200	196,725	222,924	47,735	170,425	218,160
2007	27,374	225,654	253,028	49,821	183,784	233,605
2008	27,067	250,036	277,103	55,016	215,444	270,460
2009	19,122	195,251	214,374	38,744	152,132	190,876
2010	22,771	256,836	279,607	48,141	209,972	258,113
2011	26,299	290,156	316,455	54,102	240,730	294,832
2012	23,557	280,088	303,645	51,801	236,407	288,208

Source: See Table 11-1a.

11-4. Foreign Trade (Customs Statistics) (1)

Period	Value (NT\$ million)				Value (US\$ million)			
	Total	Exports	Imports	Balance	Total	Exports	Imports	Balance
1971	156,402	82,452	73,950	+ 8,502	3,905	2,061	1,844	+ 217
1975	430,019	203,170	226,849	- 23,679	11,316	5,354	5,962	- 608
1980	1,427,038	714,624	712,414	+ 2,210	39,639	19,878	19,760	+ 118
1984	2,081,820	1,209,578	872,242	+ 337,336	52,574	30,580	21,994	+ 8,586
1985	2,030,100	1,226,718	803,382	+ 423,336	50,959	30,819	20,141	+ 10,678
1986	2,427,176	1,509,630	917,546	+ 592,084	64,125	39,931	24,195	+ 15,736
1987	2,824,418	1,710,000	1,114,418	+ 595,582	88,754	53,754	35,001	+ 18,753
1988	3,159,381	1,735,138	1,424,243	+ 310,895	110,497	60,784	49,713	+ 11,071
1989	3,138,249	1,751,226	1,387,023	+ 364,203	118,749	66,435	52,314	+ 14,120
1990	3,282,108	1,808,420	1,473,688	+ 334,732	122,211	67,425	54,786	+ 12,639
1991	3,749,384	2,051,049	1,698,335	+ 352,714	139,705	76,563	63,142	+ 13,421
1992	3,890,137	2,064,353	1,825,784	+ 238,569	154,475	82,122	72,353	+ 9,770
1993	4,305,329	2,261,835	2,043,494	+ 218,341	163,349	85,957	77,393	+ 8,564
1994	4,759,927	2,489,032	2,270,895	+ 218,137	179,998	94,300	85,698	+ 8,602
1995	5,749,268	2,994,173	2,755,095	+ 239,078	217,354	113,342	104,012	+ 9,330
1996	6,051,842	3,221,533	2,830,309	+ 391,224	220,503	117,581	102,922	+ 14,659
1997	6,832,684	3,541,490	3,291,194	+ 250,296	239,126	124,170	114,955	+ 9,215
1998	7,282,981	3,760,473	3,522,508	+ 237,965	217,825	112,595	105,230	+ 7,366
1999	7,579,163	3,986,374	3,592,789	+ 393,585	234,929	123,733	111,196	+ 12,537
2000	9,120,512	4,729,286	4,391,226	+ 338,060	292,682	151,950	140,732	+ 11,218
2001	7,898,466	4,254,285	3,644,181	+ 610,104	234,285	126,314	107,971	+ 18,344
2002	8,588,819	4,670,404	3,918,415	+ 751,989	248,562	135,317	113,245	+ 22,072
2003	9,582,936	5,172,958	4,409,978	+ 762,980	278,611	150,601	128,010	+ 22,590
2004	11,753,907	6,097,235	5,656,672	+ 440,563	351,128	182,370	168,758	+ 13,613
2005	12,251,659	6,374,496	5,877,163	+ 497,333	381,046	198,432	182,614	+ 15,817
2006	13,883,655	7,279,318	6,604,337	+ 674,981	426,715	224,017	202,698	+ 21,319
2007	15,299,725	8,087,934	7,211,791	+ 876,143	465,929	246,677	219,252	+ 27,425
2008	15,561,463	8,010,379	7,551,084	+ 459,295	496,077	255,629	240,448	+ 15,181
2009	12,466,062	6,708,884	5,757,178	+ 951,706	378,045	203,675	174,371	+ 29,304
2010	16,600,319	8,656,832	7,943,487	+ 713,345	525,837	274,601	251,236	+ 23,364
2011	17,321,964	9,041,593	8,280,371	+ 761,222	589,695	308,257	281,438	+ 26,820
2012	16,921,421	8,899,965	8,021,456	+ 878,509	571,654	301,181	270,473	+ 30,708

(1) Merchandise exports are given at f.o.b. prices and merchandise imports at c.i.f. prices in this table and the following tables in this section.

Source: See Table 11-2c.

### 11-5. Exports and Imports Per Capita

Period	Value (NT\$)			Value (US\$)		
	Total	Exports	Imports	Total	Exports	Imports
1971	10,487	5,529	4,959	262	138	124
1975	26,751	12,639	14,112	704	333	371
1980	80,603	40,364	40,239	2,239	1,123	1,116
1984	109,975	63,898	46,078	2,777	1,615	1,162
1985	105,781	63,920	41,861	2,655	1,606	1,049
1986	125,038	77,770	47,268	3,303	2,057	1,246
1987	143,978	87,169	56,809	4,524	2,740	1,784
1988	159,245	87,458	71,788	5,569	3,064	2,506
1989	156,478	87,319	69,159	5,921	3,313	2,608
1990	161,848	89,177	72,671	6,026	3,325	2,702
1991	182,865	100,034	82,831	6,814	3,734	3,080
1992	187,891	99,707	88,184	7,461	3,966	3,495
1993	206,006	108,227	97,779	7,816	4,113	3,703
1994	225,732	118,038	107,694	8,536	4,472	4,064
1995	270,329	140,785	129,544	10,220	5,329	4,891
1996	282,250	150,248	132,002	10,284	5,484	4,800
1997	315,829	163,699	152,130	11,053	5,740	5,314
1998	333,535	172,217	161,319	9,976	5,156	4,819
1999	344,343	181,112	163,231	10,674	5,622	5,052
2000	411,120	213,179	197,941	13,193	6,849	6,344
2001	353,539	190,424	163,115	10,487	5,654	4,833
2002	382,351	207,914	174,437	11,065	6,024	5,041
2003	424,725	229,271	195,455	12,348	6,675	5,674
2004	519,009	269,231	249,778	15,505	8,053	7,452
2005	539,014	280,447	258,567	16,764	8,730	8,034
2006	608,306	318,940	289,366	18,696	9,815	8,881
2007	667,602	352,916	314,686	20,331	10,764	9,567
2008	676,653	348,312	328,341	21,571	11,115	10,455
2009	540,161	290,700	249,462	16,381	8,825	7,556
2010	717,357	374,092	343,265	22,723	11,866	10,857
2011	746,845	389,833	357,012	25,425	13,291	12,134
2012	727,166	382,459	344,707	24,566	12,943	11,623

Source: See Table 11-2c.

11-6a. Standard and Characteristic Classification of Exported Commodities  
(By Intensity of Input Factor)

Unit: %

Period	Total	Degree of Labor Intensity			Degree of Capital Intensity			Degree of Technical Intensity			Degree of Energy Intensity		
		High	Mid	Low	High	Mid	Low	High	Mid	Low	High	Mid	Low
1999	100.0	33.8	41.0	25.2	28.5	64.3	7.3	44.3	39.0	16.7	16.5	42.4	41.1
2000	100.0	31.6	43.0	25.3	33.0	60.9	6.2	48.1	37.3	14.6	16.7	42.5	40.9
2001	100.0	33.2	42.3	24.5	32.6	61.2	6.2	47.3	38.3	14.5	17.9	40.9	41.2
2002	100.0	33.9	41.7	24.4	35.9	58.5	5.6	48.3	38.4	13.3	18.5	39.2	42.3
2003	100.0	34.9	42.2	22.9	41.0	53.8	5.2	48.6	39.5	11.9	19.9	38.3	41.9
2004	100.0	34.6	43.5	21.9	47.6	48.1	4.3	50.6	39.3	10.1	20.8	38.9	40.2
2005	100.0	34.5	43.0	22.5	52.0	44.1	3.9	50.0	41.0	9.1	23.2	38.1	38.7
2006	100.0	34.1	43.8	22.1	56.2	40.2	3.5	51.8	40.0	8.2	22.8	40.2	37.0
2007	100.0	34.5	41.4	24.1	58.7	38.0	3.3	51.1	41.3	7.6	25.3	37.9	36.8
2008	100.0	34.4	39.8	25.8	59.1	37.6	3.3	49.4	43.5	7.1	27.4	36.0	36.6
2009	100.0	32.7	43.7	23.6	58.3	38.4	3.3	51.6	41.3	7.1	25.5	39.3	35.2
2010	100.0	33.6	43.4	23.0	58.9	38.2	3.0	52.9	40.6	6.5	24.7	38.3	36.9
2011	100.0	32.1	43.7	24.3	57.2	39.7	3.1	51.2	42.4	6.4	25.9	38.2	35.9
2012	100.0	32.5	42.9	24.6	58.0	38.8	3.2	49.7	44.0	6.3	26.4	39.2	34.5

Source: Table 11-2c.

11-6b. Standard and Characteristic Classification of Imported Commodities (Continued)  
(By Intensity of Input Factor)

Unit:%

Period	Total	Degree of Labor Intensity			Degree of Capital Intensity			Degree of Technical Intensity			Degree of Energy Intensity		
		High	Mid	Low	High	Mid	Low	High	Mid	Low	High	Mid	Low
1999	100.0	35.6	35.1	29.2	40.5	51.6	7.9	43.6	48.4	7.9	23.4	35.6	41.0
2000	100.0	34.3	35.7	30.0	43.3	49.7	7.0	45.7	48.0	6.4	24.2	34.9	40.9
2001	100.0	33.7	35.8	30.5	45.5	46.9	7.6	45.2	47.8	6.9	25.3	35.5	39.2
2002	100.0	31.8	37.4	30.8	46.4	45.9	7.8	45.9	47.3	6.8	25.7	37.0	37.2
2003	100.0	32.7	36.1	31.1	49.2	43.3	7.5	44.2	49.2	6.6	28.3	36.1	35.6
2004	100.0	34.2	34.1	31.7	49.1	43.2	7.7	41.4	52.7	6.0	30.6	33.9	35.5
2005	100.0	32.9	33.9	33.2	51.1	41.1	7.8	40.5	53.8	5.7	32.9	33.8	33.3
2006	100.0	30.9	34.2	34.9	52.9	38.9	8.3	39.8	55.0	5.2	34.9	35.5	29.7
2007	100.0	30.1	32.8	37.0	53.5	38.1	8.4	38.7	56.0	5.3	37.3	34.1	28.6
2008	100.0	26.9	29.5	43.6	56.1	35.4	8.5	35.7	59.0	5.3	44.0	31.1	25.0
2009	100.0	29.5	33.5	37.0	53.0	38.9	8.2	39.5	55.1	5.5	37.5	35.0	27.5
2010	100.0	30.8	32.1	37.1	53.0	39.4	7.7	38.7	56.4	4.8	37.8	33.5	28.6
2011	100.0	28.6	31.2	40.2	54.0	38.2	7.8	38.5	56.3	5.2	40.8	32.4	26.9
2012	100.0	27.8	30.1	42.2	55.3	37.0	7.7	37.5	57.3	5.2	42.7	30.9	26.4

11-7. Composition of Exports

Period	Value (US\$ million)						Percentage Distribution (%)					
	Total	Agricultural Products	Processed Agricultural Products	Industrial Products			Total	Agricultural Products	Processed Agricultural Products	Industrial Products		
					Heavy	Non-Heavy					Heavy	Non-Heavy
1981	22,611.2	580.2	1,042.0	20,989.0	7,291.8	13,697.2	100.0	2.6	4.6	92.8	32.2	60.6
1984	30,456.4	507.3	1,324.3	28,624.8	10,358.7	18,266.1	100.0	1.7	4.3	94.0	34.0	60.0
1985	30,725.9	491.9	1,386.7	28,847.3	10,412.8	18,434.5	100.0	1.6	4.5	93.9	33.9	60.0
1986	39,861.5	626.8	1,950.6	37,284.2	13,603.0	23,681.2	100.0	1.6	4.9	93.5	34.1	59.4
1987	53,678.7	689.6	2,559.1	50,430.0	19,657.7	30,772.3	100.0	1.3	4.8	93.9	36.6	57.3
1988	60,667.4	823.5	2,496.8	57,347.1	25,069.8	32,277.3	100.0	1.4	4.1	94.5	41.3	53.2
1989	66,304.0	477.8	2,579.3	63,246.9	29,177.4	34,069.5	100.0	0.7	3.9	95.4	44.0	51.4
1990	67,214.3	431.4	2,578.7	64,204.2	30,848.5	33,355.7	100.0	0.6	3.8	95.5	45.9	49.6
1991	76,178.3	524.5	3,045.5	72,608.3	35,003.6	37,604.7	100.0	0.7	4.0	95.3	45.9	49.4
1992	81,470.4	508.5	2,975.0	77,986.8	39,289.8	38,697.0	100.0	0.6	3.7	95.7	48.2	47.5
1993	85,091.3	471.1	3,013.2	81,606.8	44,260.8	37,346.0	100.0	0.6	3.5	95.9	52.0	43.9
1994	93,048.9	460.0	3,348.3	89,240.5	50,294.1	38,946.5	100.0	0.5	3.6	95.9	54.1	41.9
1995	111,658.8	481.7	3,802.0	107,375.2	65,410.9	41,964.4	100.0	0.4	3.4	96.2	58.6	37.6
1996	115,942.0	465.2	3,618.5	111,858.2	70,119.4	41,738.7	100.0	0.4	3.1	96.5	60.5	36.0
1997	122,080.5	382.2	2,169.3	119,529.2	76,747.5	42,781.7	100.0	0.3	1.8	97.9	62.9	35.0
1998	110,582.3	324.1	1,631.8	108,626.5	71,062.6	37,563.9	100.0	0.3	1.5	98.2	64.3	34.0
1999	121,591.0	381.1	1,572.2	119,637.7	82,083.5	37,554.2	100.0	0.3	1.3	98.4	67.5	30.9
2000	151,949.8	371.8	1,766.7	149,811.3	109,038.6	40,772.8	100.0	0.2	1.2	98.6	71.8	26.8
2001	126,314.4	307.8	1,683.3	124,323.2	90,327.2	33,996.0	100.0	0.2	1.3	98.4	71.5	26.9
2002	135,316.8	359.1	1,703.0	133,254.6	99,578.8	33,675.9	100.0	0.3	1.3	98.5	73.6	24.9
2003	150,600.6	387.2	1,770.8	148,442.6	114,332.2	34,110.5	100.0	0.3	1.2	98.6	75.9	22.6
2004	182,370.4	391.6	2,084.2	179,894.6	142,155.1	37,739.6	100.0	0.2	1.1	98.6	77.9	20.7
2005	198,431.7	379.3	2,110.3	195,942.2	159,213.1	36,729.2	100.0	0.2	1.1	98.7	80.2	18.5
2006	224,017.4	345.8	1,852.4	221,819.7	183,576.4	38,243.5	100.0	0.2	0.8	99.0	81.9	17.1
2007	246,677.3	411.2	1,869.5	244,396.8	204,221.7	40,175.2	100.0	0.2	0.8	99.1	82.8	16.3
2008	255,629.2	544.2	2,166.7	252,918.1	211,951.9	40,966.6	100.0	0.2	0.8	98.9	82.9	16.0
2009	203,674.9	496.4	1,848.5	201,329.8	168,240.4	33,089.2	100.0	0.2	0.9	98.8	82.6	16.2
2010	274,600.8	752.1	2,169.1	271,679.6	228,740.1	42,939.5	100.0	0.3	0.8	98.9	83.3	15.6
2011	308,257.4	904.1	2,666.4	304,686.9	255,503.6	49,183.2	100.0	0.3	0.9	98.8	82.9	16.0
2012	301,180.5	886.0	3,065.0	297,229.4	248,142.8	49,086.6	100.0	0.3	1.0	98.7	82.4	16.3

Source: See Table 11-2c.

### 11-8. Composition of Imports

Period	Value (US\$ million)				Percentage Distribution (%)			
	Total	Capital Goods	Agricultural & Industrial & Materials	Consumer Goods	Total	Capital Goods	Agricultural & Industrial & Materials	Consumer Goods
1981	21,199.5	3,441.3	16,308.3	1,449.9	100.0	16.2	76.9	6.8
1984	21,959.2	2,990.9	17,270.1	1,698.2	100.0	13.6	78.6	7.7
1985	20,102.0	2,836.8	15,458.2	1,807.0	100.0	14.1	76.9	9.0
1986	24,181.5	3,632.2	18,270.2	2,279.2	100.0	15.0	75.6	9.4
1987	34,983.4	5,614.2	25,906.4	3,462.8	100.0	16.0	74.1	9.9
1988	49,672.8	7,391.0	36,598.1	5,683.7	100.0	14.9	73.7	11.4
1989	52,265.3	8,560.8	37,696.3	6,008.2	100.0	16.4	72.1	11.5
1990	54,715.8	9,585.6	38,541.8	6,588.4	100.0	17.5	70.4	12.0
1991	62,860.6	10,531.9	45,501.1	6,827.6	100.0	16.8	72.4	10.9
1992	72,006.8	12,868.0	49,867.5	9,271.4	100.0	17.9	69.3	12.9
1993	77,061.2	13,004.6	54,143.0	9,913.4	100.0	16.9	70.3	12.9
1994	85,349.4	13,610.4	60,300.6	11,438.1	100.0	15.9	70.7	13.4
1995	103,550.0	16,774.3	74,560.5	12,215.2	100.0	16.2	72.0	11.8
1996	102,370.1	18,318.9	70,636.3	13,414.9	100.0	17.9	69.0	13.1
1997	114,424.6	21,604.4	77,131.5	15,688.7	100.0	18.9	67.4	13.7
1998	104,665.3	23,743.2	66,772.5	14,149.7	100.0	22.7	63.8	13.5
1999	110,689.9	28,413.3	70,978.1	11,298.7	100.0	25.7	64.1	10.2
2000	140,732.2	38,217.7	89,206.0	13,308.6	100.0	27.2	63.4	9.5
2001	107,970.7	26,257.5	70,139.4	11,573.7	100.0	24.3	65.0	10.7
2002	113,245.3	25,187.9	75,943.2	12,114.2	100.0	22.2	67.1	10.7
2003	128,010.2	25,432.3	89,714.7	12,863.2	100.0	19.9	70.1	10.0
2004	168,757.5	35,187.5	118,753.7	14,816.3	100.0	20.9	70.4	8.8
2005	182,614.4	33,494.5	132,182.5	16,937.3	100.0	18.3	72.4	9.3
2006	202,698.3	33,313.1	152,796.8	16,588.3	100.0	16.4	75.4	8.2
2007	219,251.9	34,357.5	167,768.8	17,125.5	100.0	15.7	76.5	7.8
2008	240,447.8	31,511.6	190,866.2	18,070.0	100.0	13.1	79.4	7.5
2009	174,370.5	24,781.1	132,509.9	17,079.4	100.0	14.2	76.0	9.8
2010	251,236.2	40,638.9	189,573.8	21,023.6	100.0	16.2	75.5	8.4
2011	281,437.2	39,351.4	217,291.2	24,794.7	100.0	14.0	77.2	8.8
2012	270,472.1	36,257.4	208,765.5	25,449.0	100.0	13.4	77.2	9.4

Source: See Table 11-2c.

## 11-9a. Commodity Trade with Major Trading Partners

Period	Total			U.S.A.			Hong Kong			Japan		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
I. Amount (US\$ million)												
1981	22,611	21,200	+ 1,412	8,163	4,766	+ 3,397	1,897	309	+ 1,588	2,479	5,929	- 3,450
1984	30,456	21,959	+ 8,497	14,868	5,042	+ 9,826	2,087	370	+ 1,717	3,186	6,442	- 3,255
1985	30,726	20,102	+ 10,624	14,773	4,746	+ 10,027	2,540	320	+ 2,220	3,461	5,549	- 2,088
1986	39,862	24,181	+ 15,680	19,014	5,433	+ 13,581	2,921	379	+ 2,543	4,560	8,255	- 3,695
1987	53,679	34,983	+ 18,695	23,685	7,648	+ 16,037	4,123	754	+ 3,370	6,986	11,841	- 4,855
1988	60,667	49,673	+ 10,995	23,467	13,007	+ 10,460	5,587	1,922	+ 3,665	8,772	14,825	- 6,054
1989	66,304	52,265	+ 14,039	24,036	12,003	+ 12,033	7,042	2,205	+ 4,837	9,065	16,031	- 6,966
1990	67,214	54,716	+ 12,498	21,746	12,612	+ 9,134	8,556	1,446	+ 7,110	8,338	15,998	- 7,661
1991	76,178	62,861	+ 13,318	22,321	14,114	+ 8,207	12,431	1,947	+ 10,484	9,189	18,858	- 9,669
1992	81,470	72,007	+ 9,463	23,572	15,771	+ 7,801	15,415	1,781	+ 13,634	8,894	21,767	- 12,873
1993	85,091	77,061	+ 8,030	23,587	16,723	+ 6,865	18,453	1,729	+ 16,724	8,977	23,186	- 14,209
1994	93,049	85,349	+ 7,700	24,337	18,043	+ 6,294	21,262	1,533	+ 19,729	10,221	24,786	- 14,565
1995	111,659	103,550	+ 8,109	26,407	20,771	+ 5,636	26,106	1,843	+ 24,263	13,157	30,266	- 17,109
1996	115,942	102,370	+ 13,572	26,866	19,972	+ 6,895	26,788	1,705	+ 25,083	13,659	27,493	- 13,834
1997	122,081	114,425	+ 7,656	29,552	23,234	+ 6,318	28,688	1,996	+ 26,692	11,691	29,022	- 17,331
1998	112,595	105,230	+ 7,366	29,959	19,845	+ 10,114	25,398	2,076	+ 23,322	9,439	27,060	- 17,621
1999	123,733	111,196	+ 12,537	31,339	19,818	+ 11,521	26,825	2,224	+ 24,602	12,043	30,637	- 18,594
2000	151,950	140,732	+ 11,218	35,588	25,270	+ 10,319	32,742	2,364	+ 30,378	16,887	38,622	- 21,735
2001	126,314	107,971	+ 18,344	28,136	18,407	+ 9,728	28,713	2,052	+ 26,661	13,024	25,933	- 12,909
2002	135,317	113,245	+ 22,072	27,365	18,256	+ 9,110	32,960	1,915	+ 31,045	12,368	27,363	- 14,995
2003	150,600	128,010	+ 22,590	26,554	16,995	+ 9,558	30,868	1,917	+ 28,951	12,430	32,720	- 20,290
2004	182,370	168,758	+ 13,613	28,751	21,780	+ 6,971	32,896	2,309	+ 30,587	13,808	43,718	- 29,910
2005	198,432	182,614	+ 15,817	29,114	21,171	+ 7,943	34,036	2,110	+ 31,926	15,111	46,053	- 30,943
2006	224,017	202,698	+ 21,319	32,361	22,664	+ 9,696	37,381	1,881	+ 35,501	16,300	46,284	- 29,984
2007	246,677	219,252	+ 27,425	32,077	26,508	+ 5,569	37,980	1,825	+ 36,155	15,934	45,937	- 30,003
2008	255,629	240,448	+ 15,181	30,791	26,327	+ 4,464	32,690	1,493	+ 31,197	17,556	46,508	- 28,952
2009	203,675	174,371	+ 29,304	23,553	18,154	+ 5,399	29,445	1,123	+ 28,323	14,502	36,220	- 21,718
2010	274,601	251,236	+ 23,364	31,466	25,379	+ 6,087	37,807	1,628	+ 36,179	18,006	51,917	- 33,911
2011	308,257	281,438	+ 26,820	36,364	25,759	+ 10,606	40,084	1,675	+ 38,409	18,228	52,200	- 33,972
2012	301,181	270,473	+ 30,708	32,976	23,604	+ 9,372	37,932	2,659	+ 35,273	18,989	47,574	- 28,585

Note: Due to the rounding of figures to the nearest whole number, some of the balances in this table may not precisely correspond to the difference between the figures for imports and exports.

Source: See Table 11-2c.

11-9b. Commodity Trade with Major Trading Partners (Continued)

Period	Singapore			Germany (1)			Thailand			Netherlands		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
I. Amount (US\$ million)												
1981	604	199 +	405	911	649 +	262	195	117 +	78	387	132 +	255
1984	878	268 +	610	871	772 +	99	245	140 +	105	435	249 +	186
1985	885	276 +	609	807	849 -	41	236	147 +	89	458	221 +	236
1986	931	340 +	591	1,278	1,146 +	131	279	163 +	116	674	324 +	350
1987	1,350	522 +	828	1,993	1,665 +	328	425	200 +	224	1,089	456 +	633
1988	1,683	740 +	943	2,345	2,205 +	141	754	342 +	412	1,508	898 +	610
1989	1,976	889 +	1,086	2,578	2,660 -	82	1,110	390 +	720	1,582	663 +	919
1990	2,204	1,406 +	798	3,198	2,716 +	482	1,424	448 +	976	1,856	729 +	1,128
1991	2,403	1,446 +	958	3,869	3,013 +	855	1,445	586 +	859	2,171	803 +	1,368
1992	2,505	1,695 +	810	3,599	3,919 -	320	1,810	825 +	985	2,195	872 +	1,323
1993	2,890	1,866 +	1,025	3,504	4,220 -	716	2,019	973 +	1,046	2,116	1,002 +	1,114
1994	3,366	2,412 +	954	3,251	4,784 -	1,533	2,440	1,109 +	1,331	2,375	1,146 +	1,229
1995	4,405	2,958 +	1,447	3,839	5,683 -	1,844	3,072	1,485 +	1,586	3,209	1,320 +	1,889
1996	4,573	2,789 +	1,784	3,644	5,023 -	1,379	2,790	1,672 +	1,118	3,823	1,471 +	2,352
1997	4,895	3,150 +	1,744	3,691	5,369 -	1,679	2,562	1,927 +	635	4,298	1,638 +	2,660
1998	3,359	2,716 +	643	4,107	5,170 -	1,063	2,006	1,980 +	26	4,384	1,575 +	2,809
1999	3,947	3,327 +	620	4,099	5,332 -	1,233	2,195	2,401 -	206	4,230	1,720 +	2,510
2000	5,637	5,036 +	601	4,936	5,579 -	643	2,653	2,780 -	128	4,953	2,117 +	2,836
2001	4,221	3,402 +	819	4,537	4,274 +	262	2,197	2,193 +	4	4,256	1,541 +	2,716
2002	4,623	3,562 +	1,061	3,886	4,448 -	562	2,367	2,182 +	185	3,836	1,469 +	2,367
2003	5,275	3,879 +	1,396	4,286	4,986 -	701	2,640	2,379 +	260	4,220	1,307 +	2,913
2004	6,747	4,331 +	2,417	4,607	5,852 -	1,245	3,318	2,785 +	533	4,807	2,203 +	2,605
2005	8,042	4,961 +	3,082	4,463	6,180 -	1,717	3,820	2,887 +	933	4,396	2,069 +	2,327
2006	9,280	5,106 +	4,174	5,007	6,135 -	1,128	4,577	3,317 +	1,259	4,412	2,343 +	2,069
2007	10,501	4,792 +	5,710	5,175	7,070 -	1,895	5,200	3,613 +	1,586	4,411	2,777 +	1,635
2008	11,676	4,825 +	6,851	5,730	7,474 -	1,745	4,906	3,252 +	1,654	4,566	2,354 +	2,212
2009	8,614	4,809 +	3,805	4,696	5,673 -	977	3,827	2,682 +	1,145	4,229	1,863 +	2,367
2010	12,096	7,636 +	4,460	6,512	8,264 -	1,752	5,288	3,829 +	1,459	5,261	3,200 +	2,061
2011	16,880	7,953 +	8,927	6,869	9,428 -	2,559	6,140	4,394 +	1,746	4,579	2,936 +	1,643
2012	20,091	8,106 +	11,985	5,645	7,754 -	2,109	6,566	3,697 +	2,869	4,413	3,623 +	790

(1) Figures for 1990 and before refer to West Germany only.

## 11-9c. Commodity Trade with Major Trading Partners (Continued)

Period	Malaysia			United Kingdom			Korea, Rep. of			Australia		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
I. Amount (US\$ million)												
1981	187	453	- 265	566	302	+ 264	280	301	- 21	677	593	+ 84
1984	232	551	- 319	691	294	+ 396	230	244	- 13	832	778	+ 54
1985	195	481	- 287	650	262	+ 388	254	187	+ 67	747	801	- 53
1986	206	501	- 295	966	357	+ 609	352	329	+ 23	870	883	- 13
1987	272	729	- 457	1,548	792	+ 756	638	533	+ 105	1,103	1,000	+ 103
1988	451	943	- 492	1,907	1,113	+ 793	917	900	+ 17	1,359	1,336	+ 22
1989	695	887	- 193	2,102	927	+ 1,175	1,133	1,239	- 106	1,538	1,631	- 93
1990	1,104	1,003	+ 101	1,979	1,154	+ 826	1,213	1,344	- 131	1,279	1,660	- 380
1991	1,465	1,409	+ 55	2,072	1,124	+ 948	1,287	1,747	- 460	1,354	2,018	- 664
1992	1,600	1,829	- 229	2,205	1,358	+ 847	1,150	2,301	- 1,150	1,428	2,056	- 627
1993	1,672	1,939	- 267	2,171	1,192	+ 979	1,273	2,537	- 1,264	1,450	2,097	- 647
1994	2,224	2,327	- 103	2,173	1,529	+ 643	1,740	3,015	- 1,275	1,632	2,225	- 593
1995	2,899	2,954	- 55	2,409	1,643	+ 766	2,572	4,327	- 1,756	1,756	2,575	- 820
1996	2,954	3,565	- 612	2,807	1,805	+ 1,002	2,662	4,162	- 1,500	1,837	2,845	- 1,008
1997	3,035	4,228	- 1,193	3,278	1,953	+ 1,325	2,366	5,024	- 2,659	1,873	3,217	- 1,344
1998	2,339	3,639	- 1,300	3,305	1,711	+ 1,594	1,510	5,682	- 4,173	1,641	2,920	- 1,279
1999	2,908	3,895	- 987	3,873	1,745	+ 2,128	2,645	7,202	- 4,557	1,855	2,965	- 1,110
2000	3,687	5,351	- 1,664	4,591	1,953	+ 2,639	4,002	9,027	- 5,025	1,839	3,511	- 1,672
2001	3,136	4,233	- 1,096	3,376	1,457	+ 1,918	3,373	6,732	- 3,359	1,375	3,091	- 1,716
2002	3,216	4,176	- 960	2,986	1,372	+ 1,614	3,964	7,741	- 3,778	1,601	2,839	- 1,238
2003	3,172	4,767	- 1,594	2,932	1,431	+ 1,501	4,710	8,738	- 4,028	1,900	2,732	- 833
2004	4,218	5,425	- 1,207	3,430	1,745	+ 1,685	5,630	11,664	- 6,034	2,269	3,430	- 1,161
2005	4,283	5,217	- 935	3,263	1,714	+ 1,549	5,877	13,239	- 7,362	2,393	4,726	- 2,334
2006	4,941	6,052	- 1,110	3,511	1,781	+ 1,730	7,154	15,000	- 7,845	2,723	5,349	- 2,627
2007	5,390	6,192	- 802	3,618	1,920	+ 1,698	7,794	15,158	- 7,364	3,233	6,122	- 2,889
2008	5,514	6,763	- 1,249	3,630	1,918	+ 1,713	8,706	13,168	- 4,463	3,487	8,271	- 4,784
2009	4,060	4,553	- 493	2,980	1,230	+ 1,750	7,303	10,507	- 3,204	2,353	5,966	- 3,612
2010	5,948	7,695	- 1,747	3,621	1,673	+ 1,948	10,682	16,059	- 5,377	3,132	8,921	- 5,789
2011	6,892	8,602	- 1,710	4,620	1,932	+ 2,688	12,378	17,860	- 5,482	3,653	10,907	- 7,255
2012	6,557	7,842	- 1,284	5,065	1,844	+ 3,220	11,842	15,073	- 3,231	3,653	9,288	- 5,635

11-9d. Commodity Trade with Major Trading Partners (Continued)

Period	Canada			Indonesia			Philippines			France		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
I. Amount (US\$ million)												
1981	568	268 +	300	424	467 -	43	280	121 +	160	278	188 +	91
1984	916	400 +	516	346	423 -	77	191	134 +	56	230	222 +	7
1985	945	369 +	576	281	414 -	133	239	104 +	135	228	252 -	24
1986	1,272	486 +	786	392	357 +	34	329	153 +	176	433	313 +	120
1987	1,561	652 +	909	446	567 -	122	460	194 +	265	773	474 +	299
1988	1,584	954 +	630	633	613 +	19	601	242 +	359	939	650 +	289
1989	1,759	996 +	763	934	706 +	228	778	238 +	540	1,087	795 +	292
1990	1,559	839 +	720	1,246	922 +	324	811	236 +	575	1,132	1,132 +	0
1991	1,624	1,040 +	584	1,207	1,234 -	27	848	235 +	613	1,352	1,140 +	212
1992	1,643	1,178 +	465	1,215	1,407 -	193	1,023	305 +	718	1,249	1,401 -	151
1993	1,538	1,119 +	419	1,285	1,624 -	339	1,031	365 +	666	1,078	1,268 -	190
1994	1,458	1,251 +	207	1,433	2,114 -	681	1,222	461 +	762	961	1,457 -	496
1995	1,430	1,594 -	164	1,869	2,150 -	282	1,654	623 +	1,030	1,204	1,784 -	581
1996	1,397	1,357 +	41	1,955	1,884 +	71	1,931	840 +	1,091	1,306	4,061 -	2,755
1997	1,598	1,587 +	11	2,134	2,185 -	51	2,242	1,375 +	868	1,394	4,726 -	3,332
1998	1,592	1,166 +	426	1,058	2,114 -	1,056	1,994	1,830 +	164	1,418	5,336 -	3,918
1999	1,760	1,132 +	628	1,315	2,297 -	982	2,672	2,181 +	491	1,594	1,895 -	301
2000	1,890	1,285 +	605	1,742	3,021 -	1,279	3,137	3,602 -	465	1,658	1,839 -	181
2001	1,579	1,012 +	567	1,481	2,528 -	1,047	2,212	3,257 -	1,044	1,185	2,140 -	956
2002	1,543	951 +	592	1,473	2,593 -	1,120	2,109	3,660 -	1,552	1,140	1,559 -	418
2003	1,483	1,085 +	398	1,529	2,927 -	1,398	2,501	3,087 -	586	1,272	1,633 -	361
2004	1,652	1,204 +	448	1,896	4,115 -	2,219	4,036	3,064 +	972	1,592	2,100 -	508
2005	1,690	1,324 +	366	2,359	4,543 -	2,184	4,325	2,795 +	1,530	1,453	2,544 -	1,092
2006	1,770	1,374 +	396	2,500	5,204 -	2,705	4,484	2,776 +	1,709	1,565	2,220 -	655
2007	1,851	1,697 +	153	2,911	5,776 -	2,865	4,922	2,277 +	2,644	1,705	2,382 -	676
2008	1,853	1,789 +	64	3,566	7,289 -	3,723	4,780	2,241 +	2,540	1,730	2,293 -	563
2009	1,461	1,148 +	313	3,226	5,184 -	1,957	4,433	1,614 +	2,819	1,369	1,784 -	415
2010	1,949	1,533 +	416	4,510	6,020 -	1,511	5,982	2,320 +	3,662	1,697	2,250 -	553
2011	2,569	2,022 +	547	4,837	7,428 -	2,592	6,964	2,414 +	4,550	1,743	2,726 -	982
2012	2,505	1,624 +	880	5,190	7,325 -	2,135	8,876	2,100 +	6,776	1,560	2,960 -	1,400

11-9e. Commodity Trade with Major Trading Partners (Continued)

Period	Saudi Arabia			Brazil			Mainland China			Others			
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	
I. Amount (US\$ million)													
1981	607	1,797	- 1,191	12	73	- 61	0	0	+	0	4,096	4,536	- 439
1984	728	1,971	- 1,243	11	151	- 140	0	0	+	0	3,479	3,507	- 29
1985	590	1,361	- 771	26	144	- 118	0	0	+	0	3,411	3,620	- 209
1986	627	910	- 283	41	207	- 166	0	0	+	0	4,718	3,647	+ 1,071
1987	706	1,075	- 369	31	287	- 256	0	0	+	0	6,491	5,594	+ 897
1988	630	1,237	- 607	40	540	- 500	0	0	+	0	7,490	7,204	+ 286
1989	557	1,375	- 818	60	637	- 577	0	0	+	0	8,272	7,991	+ 281
1990	459	1,539	- 1,080	104	558	- 453	0	0	+	0	9,007	8,976	+ 31
1991	616	1,679	- 1,064	128	799	- 671	0	293	-	293	10,397	9,373	+ 731
1992	563	1,465	- 902	117	751	- 634	1	747	-	746	11,286	10,579	+ 707
1993	533	1,502	- 969	270	757	- 487	16	1,016	-	999	11,228	11,946	- 718
1994	456	1,333	- 876	436	612	- 176	132	1,859	-	1,727	11,928	13,354	- 1,426
1995	450	1,763	- 1,314	775	592	+ 183	377	3,091	-	2,715	14,071	16,125	- 2,054
1996	468	1,763	- 1,296	858	566	+ 292	623	3,060	-	2,436	15,001	16,337	- 1,336
1997	491	1,904	- 1,413	912	761	+ 151	626	3,915	-	3,289	16,754	17,213	- 459
1998	419	1,205	- 786	676	587	+ 89	915	4,114	-	3,199	17,077	14,503	+ 2,574
1999	383	1,385	- 1,001	471	477	- 6	2,602	4,529	-	1,927	16,976	16,035	+ 941
2000	352	2,721	- 2,369	782	554	+ 228	4,391	6,229	-	1,838	20,483	19,872	+ 610
2001	345	2,746	- 2,401	574	445	+ 129	4,895	5,903	-	1,008	17,700	16,625	+ 1,075
2002	336	2,407	- 2,071	475	585	- 111	10,527	7,969	+	2,558	18,542	18,197	+ 345
2003	362	4,276	- 3,914	456	916	- 460	22,891	11,018	+	11,873	21,122	21,216	- 95
2004	430	5,559	- 5,129	717	1,332	- 615	36,349	16,792	+	19,557	25,217	29,351	- 4,134
2005	496	7,437	- 6,941	1,017	1,216	- 199	43,644	20,094	+	23,550	28,651	32,333	- 3,683
2006	530	9,760	- 9,230	1,286	1,066	+ 220	51,809	24,783	+	27,025	32,427	39,603	- 7,176
2007	733	10,410	- 9,676	1,670	1,342	+ 328	62,417	28,015	+	34,402	39,156	45,438	- 6,282
2008	992	15,173	- 14,181	2,745	2,192	+ 553	66,884	31,391	+	35,492	43,829	55,728	- 11,900
2009	674	8,658	- 7,984	1,407	1,301	+ 105	54,249	24,423	+	29,825	31,294	37,480	- 6,186
2010	1,002	11,859	- 10,857	1,909	2,446	- 537	76,935	35,946	+	40,989	40,797	52,660	- 11,863
2011	1,689	13,847	- 12,158	2,355	2,997	- 642	83,960	43,597	+	40,363	47,454	62,762	- 15,309
2012	1,853	14,789	- 12,936	1,989	3,043	- 1,054	80,714	40,908	+	39,806	44,764	66,660	- 21,896

11-9f. Commodity Trade with Major Trading Partners (Continued)  
A. Exports

Period	Total	U.S.A.	Hong Kong	Japan	Singapore	Germany	Thailand	Netherlands	Malaysia	United Kingdom
II. Percentage (%)										
1981	100.0	36.1	8.4	11.0	2.7	4.0	0.9	1.7	0.8	2.5
1984	100.0	48.8	6.9	10.5	2.9	2.9	0.8	1.4	0.8	2.3
1985	100.0	48.1	8.3	11.3	2.9	2.6	0.8	1.5	0.6	2.1
1986	100.0	47.7	7.3	11.4	2.3	3.2	0.7	1.7	0.5	2.4
1987	100.0	44.1	7.7	13.0	2.5	3.7	0.8	2.0	0.5	2.9
1988	100.0	38.7	9.2	14.5	2.8	3.9	1.2	2.5	0.7	3.1
1989	100.0	36.3	10.6	13.7	3.0	3.9	1.7	2.4	1.0	3.2
1990	100.0	32.4	12.7	12.4	3.3	4.8	2.1	2.8	1.6	2.9
1991	100.0	29.3	16.3	12.1	3.2	5.1	1.9	2.8	1.9	2.7
1992	100.0	28.9	18.9	10.9	3.1	4.4	2.2	2.7	2.0	2.7
1993	100.0	27.7	21.7	10.6	3.4	4.1	2.4	2.5	2.0	2.6
1994	100.0	26.2	22.9	11.0	3.6	3.5	2.6	2.6	2.4	2.3
1995	100.0	23.7	23.4	11.8	3.9	3.4	2.8	2.9	2.6	2.2
1996	100.0	23.2	23.1	11.8	3.9	3.1	2.4	3.3	2.5	2.4
1997	100.0	24.2	23.5	9.6	4.0	3.0	2.1	3.5	2.5	2.7
1998	100.0	26.6	22.6	8.4	3.0	3.6	1.8	3.9	2.1	2.9
1999	100.0	25.3	21.7	9.7	3.2	3.3	1.8	3.4	2.4	3.1
2000	100.0	23.4	21.5	11.1	3.7	3.2	1.7	3.3	2.4	3.0
2001	100.0	22.3	22.7	10.3	3.3	3.6	1.7	3.4	2.5	2.7
2002	100.0	20.2	24.4	9.1	3.4	2.9	1.7	2.8	2.4	2.2
2003	100.0	17.6	20.5	8.3	3.5	2.8	1.8	2.8	2.1	1.9
2004	100.0	15.8	18.0	7.6	3.7	2.5	1.8	2.6	2.3	1.9
2005	100.0	14.7	17.2	7.6	4.1	2.2	1.9	2.2	2.2	1.6
2006	100.0	14.4	16.7	7.3	4.1	2.2	2.0	2.0	2.2	1.6
2007	100.0	13.0	15.4	6.5	4.3	2.1	2.1	1.8	2.2	1.5
2008	100.0	12.0	12.8	6.9	4.6	2.2	1.9	1.8	2.2	1.4
2009	100.0	11.6	14.5	7.1	4.2	2.3	1.9	2.1	2.0	1.5
2010	100.0	11.5	13.8	6.6	4.4	2.4	1.9	1.9	2.2	1.3
2011	100.0	11.8	13.0	5.9	5.5	2.2	2.0	1.5	2.2	1.5
2012	100.0	10.9	12.6	6.3	6.7	1.9	2.2	1.5	2.2	1.7

11-9g. Commodity Trade with Major Trading Partners (Continued)

A. Exports

Period	Korea, Rep. of	Australia	Canada	Indonesia	Philippines	France	Saudi Arabia	Brazil	Mainland China	Others
II. Percentage (%)										
1981	1.2	3.0	2.5	1.9	1.2	1.2	2.7	0.1	0.0	18.1
1984	0.8	2.7	3.0	1.1	0.6	0.8	2.4	0.0	0.0	11.4
1985	0.8	2.4	3.1	0.9	0.8	0.7	1.9	0.1	0.0	11.1
1986	0.9	2.2	3.2	1.0	0.8	1.1	1.6	0.1	0.0	11.8
1987	1.2	2.1	2.9	0.8	0.9	1.4	1.3	0.1	0.0	12.1
1988	1.5	2.2	2.6	1.0	1.0	1.5	1.0	0.1	0.0	12.3
1989	1.7	2.3	2.7	1.4	1.2	1.6	0.8	0.1	0.0	12.5
1990	1.8	1.9	2.3	1.9	1.2	1.7	0.7	0.2	0.0	13.4
1991	1.7	1.8	2.1	1.6	1.1	1.8	0.8	0.2	0.0	13.6
1992	1.4	1.8	2.0	1.5	1.3	1.5	0.7	0.1	0.0	13.9
1993	1.5	1.7	1.8	1.5	1.2	1.3	0.6	0.3	0.0	13.2
1994	1.9	1.8	1.6	1.5	1.3	1.0	0.5	0.5	0.1	12.8
1995	2.3	1.6	1.3	1.7	1.5	1.1	0.4	0.7	0.3	12.6
1996	2.3	1.6	1.2	1.7	1.7	1.1	0.4	0.7	0.5	12.9
1997	1.9	1.5	1.3	1.7	1.8	1.1	0.4	0.7	0.5	13.7
1998	1.3	1.5	1.4	0.9	1.8	1.3	0.4	0.6	0.8	15.2
1999	2.1	1.5	1.4	1.1	2.2	1.3	0.3	0.4	2.1	13.7
2000	2.6	1.2	1.2	1.1	2.1	1.1	0.2	0.5	2.9	13.5
2001	2.7	1.1	1.2	1.2	1.8	0.9	0.3	0.5	3.9	14.0
2002	2.9	1.2	1.1	1.1	1.6	0.8	0.2	0.4	7.8	13.7
2003	3.1	1.3	1.0	1.0	1.7	0.8	0.2	0.3	15.2	14.0
2004	3.1	1.2	0.9	1.0	2.2	0.9	0.2	0.4	19.9	13.8
2005	3.0	1.2	0.9	1.2	2.2	0.7	0.2	0.5	22.0	14.4
2006	3.2	1.2	0.8	1.1	2.0	0.7	0.2	0.6	23.1	14.5
2007	3.2	1.3	0.8	1.2	2.0	0.7	0.3	0.7	25.3	15.9
2008	3.4	1.4	0.7	1.4	1.9	0.7	0.4	1.1	26.2	17.1
2009	3.6	1.2	0.7	1.6	2.2	0.7	0.3	0.7	26.6	15.4
2010	3.9	1.1	0.7	1.6	2.2	0.6	0.4	0.7	28.0	14.9
2011	4.0	1.2	0.8	1.6	2.3	0.6	0.5	0.8	27.2	15.4
2012	3.9	1.2	0.8	1.7	2.9	0.5	0.6	0.7	26.8	14.9

## 11-9h. Commodity Trade with Major Trading Partners (Continued)

## B. Imports

Period	Total	Japan	U.S.A.	Germany	Korea, Rep. of	Australia	Singapore	Hong Kong	Malaysia	Saudi Arabia
II. Percentage (%)										
1981	100.0	28.0	22.5	3.1	1.4	2.8	0.9	1.5	2.1	8.5
1984	100.0	29.3	23.0	3.5	1.1	3.5	1.2	1.7	2.5	9.0
1985	100.0	27.6	23.6	4.2	0.9	4.0	1.4	1.6	2.4	6.8
1986	100.0	34.1	22.5	4.7	1.4	3.7	1.4	1.6	2.1	3.8
1987	100.0	33.8	21.9	4.8	1.5	2.9	1.5	2.2	2.1	3.1
1988	100.0	29.8	26.2	4.4	1.8	2.7	1.5	3.9	1.9	2.5
1989	100.0	30.7	23.0	5.1	2.4	3.1	1.7	4.2	1.7	2.6
1990	100.0	29.2	23.0	5.0	2.5	3.0	2.6	2.6	1.8	2.8
1991	100.0	30.0	22.5	4.8	2.8	3.2	2.3	3.1	2.2	2.7
1992	100.0	30.2	21.9	5.4	3.2	2.9	2.4	2.5	2.5	2.0
1993	100.0	30.1	21.7	5.5	3.3	2.7	2.4	2.2	2.5	1.9
1994	100.0	29.0	21.1	5.6	3.5	2.6	2.8	1.8	2.7	1.6
1995	100.0	29.2	20.1	5.5	4.2	2.5	2.9	1.8	2.9	1.7
1996	100.0	26.9	19.5	4.9	4.1	2.8	2.7	1.7	3.5	1.7
1997	100.0	25.4	20.3	4.7	4.4	2.8	2.8	1.7	3.7	1.7
1998	100.0	25.7	18.9	4.9	5.4	2.8	2.6	2.0	3.5	1.1
1999	100.0	27.6	17.8	4.8	6.5	2.7	3.0	2.0	3.5	1.2
2000	100.0	27.4	18.0	4.0	6.4	2.5	3.6	1.7	3.8	1.9
2001	100.0	24.0	17.0	4.0	6.2	2.9	3.2	1.9	3.9	2.5
2002	100.0	24.2	16.1	3.9	6.8	2.5	3.1	1.7	3.7	2.1
2003	100.0	25.6	13.3	3.9	6.8	2.1	3.0	1.5	3.7	3.3
2004	100.0	25.9	12.9	3.5	6.9	2.0	2.6	1.4	3.2	3.3
2005	100.0	25.2	11.6	3.4	7.2	2.6	2.7	1.2	2.9	4.1
2006	100.0	22.8	11.2	3.0	7.4	2.6	2.5	0.9	3.0	4.8
2007	100.0	21.0	12.1	3.2	6.9	2.8	2.2	0.8	2.8	4.7
2008	100.0	19.3	10.9	3.1	5.5	3.4	2.0	0.6	2.8	6.3
2009	100.0	20.8	10.4	3.3	6.0	3.4	2.8	0.6	2.6	5.0
2010	100.0	20.7	10.1	3.3	6.4	3.6	3.0	0.6	3.1	4.7
2011	100.0	18.5	9.2	3.3	6.3	3.9	2.8	0.6	3.1	4.9
2012	100.0	17.6	8.7	2.9	5.6	3.4	3.0	1.0	2.9	5.5

11-9i. Commodity Trade with Major Trading Partners (Continued)  
B. Imports

Period	Indonesia	United Kingdom	France	Canada	Netherlands	Thailand	Brazil	Mainland China	Philippines	Others
II. Percentage (%)										
1981	2.2	1.4	0.9	1.3	0.6	0.6	0.3	0.0	0.6	21.4
1984	1.9	1.3	1.0	1.8	1.1	0.6	0.7	0.0	0.6	16.0
1985	2.1	1.3	1.3	1.8	1.1	0.7	0.7	0.0	0.5	18.0
1986	1.5	1.5	1.3	2.0	1.3	0.7	0.9	0.0	0.6	15.1
1987	1.6	2.3	1.4	1.9	1.3	0.6	0.8	0.0	0.6	16.0
1988	1.2	2.2	1.3	1.9	1.8	0.7	1.1	0.0	0.5	14.5
1989	1.4	1.8	1.5	1.9	1.3	0.7	1.2	0.0	0.5	15.3
1990	1.7	2.1	2.1	1.5	1.3	0.8	1.0	0.0	0.4	16.4
1991	2.0	1.8	1.8	1.7	1.3	0.9	1.3	0.5	0.4	14.9
1992	2.0	1.9	1.9	1.6	1.2	1.1	1.0	1.0	0.4	14.7
1993	2.1	1.5	1.6	1.5	1.3	1.3	1.0	1.3	0.5	15.5
1994	2.5	1.8	1.7	1.5	1.3	1.3	0.7	2.2	0.5	15.6
1995	2.1	1.6	1.7	1.5	1.3	1.4	0.6	3.0	0.6	15.6
1996	1.8	1.8	4.0	1.3	1.4	1.6	0.6	3.0	0.8	16.0
1997	1.9	1.7	4.1	1.4	1.4	1.7	0.7	3.4	1.2	15.0
1998	2.0	1.6	5.1	1.1	1.5	1.9	0.6	3.9	1.7	13.8
1999	2.1	1.6	1.7	1.0	1.5	2.2	0.4	4.1	2.0	14.4
2000	2.1	1.4	1.3	0.9	1.5	2.0	0.4	4.4	2.6	14.1
2001	2.3	1.3	2.0	0.9	1.4	2.0	0.4	5.5	3.0	15.4
2002	2.3	1.2	1.4	0.8	1.3	1.9	0.5	7.0	3.2	16.1
2003	2.3	1.1	1.3	0.8	1.0	1.9	0.7	8.6	2.4	16.6
2004	2.4	1.0	1.2	0.7	1.3	1.7	0.8	10.0	1.8	17.4
2005	2.5	0.9	1.4	0.7	1.1	1.6	0.7	11.0	1.5	17.7
2006	2.6	0.9	1.1	0.7	1.2	1.6	0.5	12.2	1.4	19.5
2007	2.6	0.9	1.1	0.8	1.3	1.6	0.6	12.8	1.0	20.7
2008	3.0	0.8	1.0	0.7	1.0	1.4	0.9	13.1	0.9	23.2
2009	3.0	0.7	1.0	0.7	1.1	1.5	0.7	14.0	0.9	21.5
2010	2.4	0.7	0.9	0.6	1.3	1.5	1.0	14.3	0.9	21.0
2011	2.6	0.7	1.0	0.7	1.0	1.6	1.1	15.5	0.9	22.3
2012	2.7	0.7	1.1	0.6	1.3	1.4	1.1	15.1	0.8	24.6

## 11-10a. Foreign Trade with Various Continents

Unit: US\$ million

Period	Total			Asia			Europe		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
1981	22,611	21,200	+ 1,412	6,560	7,971	- 1,411	2,888	1,983	+ 905
1984	30,456	21,959	+ 8,497	7,635	8,745	- 1,110	3,064	2,380	+ 684
1985	30,726	20,102	+ 10,624	8,357	7,744	+ 613	2,997	2,454	+ 543
1986	39,862	24,181	+ 15,680	10,338	10,768	- 430	4,774	3,236	+ 1,538
1987	53,679	34,983	+ 18,695	15,142	15,729	- 587	7,892	5,278	+ 2,613
1988	60,667	49,673	+ 10,995	19,910	20,930	- 1,020	9,887	8,006	+ 1,881
1989	66,304	52,265	+ 14,039	23,401	23,266	+ 135	10,954	8,382	+ 2,572
1990	67,214	54,716	+ 12,498	25,693	23,850	+ 1,843	12,233	9,586	+ 2,648
1991	76,178	62,861	+ 13,318	31,153	28,940	+ 2,213	14,001	9,975	+ 4,027
1992	81,470	72,007	+ 9,463	34,800	33,597	+ 1,203	13,929	12,475	+ 1,454
1993	85,091	77,061	+ 8,030	39,074	36,248	+ 2,826	12,902	13,560	- 658
1994	93,049	85,349	+ 7,700	45,944	40,929	+ 5,015	12,927	15,950	- 3,022
1995	111,659	103,550	+ 8,109	58,666	51,202	+ 7,464	15,725	18,701	- 2,976
1996	115,942	102,370	+ 13,572	60,754	48,868	+ 11,886	16,945	20,143	- 3,198
1997	122,081	114,425	+ 7,656	61,544	55,018	+ 6,526	18,415	21,601	- 3,185
1998	112,595	105,230	+ 7,366	51,297	53,238	- 1,941	19,801	20,615	- 814
1999	123,733	111,196	+ 12,537	60,662	60,901	- 239	20,452	17,630	+ 2,823
2000	151,950	140,732	+ 11,218	79,131	78,895	+ 236	23,904	19,090	+ 4,814
2001	126,314	107,971	+ 18,344	67,201	59,068	+ 8,134	20,000	15,070	+ 4,930
2002	135,317	113,245	+ 22,072	78,070	64,496	+ 13,574	18,811	14,728	+ 4,083
2003	150,600	128,010	+ 22,590	91,037	74,634	+ 16,404	20,763	16,259	+ 4,504
2004	182,370	168,758	+ 13,613	115,163	98,423	+ 16,740	23,811	21,259	+ 2,552
2005	198,432	182,614	+ 15,817	129,053	106,140	+ 22,913	23,627	21,895	+ 1,731
2006	224,017	202,698	+ 21,319	146,759	116,020	+ 30,739	26,111	21,452	+ 4,659
2007	246,677	219,252	+ 27,425	164,346	121,072	+ 43,274	28,635	23,567	+ 5,068
2008	255,629	240,448	+ 15,181	169,521	125,022	+ 44,500	29,948	24,451	+ 5,497
2009	203,675	174,371	+ 29,304	140,108	98,471	+ 41,637	22,577	19,456	+ 3,121
2010	274,601	251,236	+ 23,364	190,791	142,926	+ 47,865	29,372	26,005	+ 3,367
2011	308,257	281,438	+ 26,820	212,810	157,803	+ 55,007	31,204	29,586	+ 1,618
2012	301,181	270,473	+ 30,708	211,590	146,676	+ 64,914	28,765	28,266	+ 499

Source: See Table 11-2c.

## 11-10b. Foreign Trade with Various Continents (Continued)

Unit: US\$ million

Period	North America			Central America			South America					
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance			
1981	8,731	5,034	+	3,697	531	127	+	404	459	385	+	74
1984	15,784	5,442	+	10,342	427	175	+	252	160	469	-	309
1985	15,718	5,115	+	10,603	492	111	+	382	166	436	-	270
1986	20,286	5,918	+	14,368	661	114	+	547	269	459	-	191
1987	25,246	8,300	+	16,946	756	186	+	570	309	585	-	276
1988	25,052	13,961	+	11,091	723	246	+	476	301	1,064	-	763
1989	25,796	12,999	+	12,797	885	253	+	632	326	1,399	-	1,073
1990	23,305	13,451	+	9,854	925	180	+	746	428	1,153	-	726
1991	23,946	15,154	+	8,792	1,015	237	+	777	720	1,646	-	927
1992	25,218	16,949	+	8,268	1,096	243	+	852	824	1,608	-	785
1993	25,128	17,842	+	7,286	1,191	253	+	938	1,018	1,556	-	539
1994	25,797	19,294	+	6,503	1,376	164	+	1,211	1,239	1,721	-	482
1995	27,838	22,366	+	5,473	1,076	316	+	760	1,692	2,082	-	390
1996	28,265	21,329	+	6,936	1,130	264	+	866	1,772	1,902	-	130
1997	31,151	24,821	+	6,330	1,631	328	+	1,302	1,955	2,212	-	257
1998	31,553	21,012	+	10,541	1,599	300	+	1,299	1,631	1,679	-	48
1999	33,100	20,950	+	12,150	1,685	556	+	1,129	1,262	1,366	-	104
2000	37,479	26,555	+	10,924	2,244	658	+	1,586	1,731	1,454	+	277
2001	29,715	19,419	+	10,296	1,795	501	+	1,294	1,447	1,044	+	402
2002	28,909	19,207	+	9,702	1,791	481	+	1,310	1,145	1,436	-	290
2003	28,038	18,080	+	9,958	1,694	505	+	1,189	1,197	1,908	-	711
2004	30,403	22,985	+	7,419	1,803	655	+	1,147	1,613	2,942	-	1,330
2005	30,805	22,495	+	8,310	1,793	683	+	1,109	2,182	2,931	-	749
2006	34,131	24,038	+	10,093	2,132	955	+	1,176	2,518	3,349	-	830
2007	33,929	28,205	+	5,724	2,358	1,186	+	1,172	3,173	3,821	-	648
2008	32,645	28,116	+	4,529	2,765	1,330	+	1,435	4,430	5,094	-	664
2009	25,014	19,301	+	5,713	1,755	842	+	913	2,681	3,132	-	452
2010	33,416	26,913	+	6,503	2,423	1,454	+	968	3,592	5,477	-	1,885
2011	38,935	27,781	+	11,154	2,480	1,604	+	876	4,523	6,074	-	1,550
2012	35,481	25,228	+	10,253	2,749	1,530	+	1,219	4,179	5,755	-	1,575

## 11-10c. Foreign Trade with Various Continents (Continued)

Unit: US\$ million

Period	Africa			Middle East			Oceania			Other Regions		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
1981	1,100	728 +	373	1,241	4,249 -	3,008	804	665 +	140	297	57	239
1984	700	505 +	195	1,336	3,321 -	1,985	942	877 +	64	409	44	365
1985	561	532 +	28	1,125	2,795 -	1,670	902	883 +	20	407	33	375
1986	743	601 +	142	1,286	2,002 -	716	1,046	987 +	59	459	96	363
1987	1,085	1,028 +	56	1,473	2,553 -	1,081	1,342	1,155 +	187	434	168	266
1988	1,365	1,262 +	103	1,477	2,561 -	1,084	1,642	1,526 +	116	310	117	193
1989	1,256	1,174 +	83	1,436	2,817 -	1,381	1,832	1,847 -	15	418	129	289
1990	1,257	1,221 +	37	1,400	3,306 -	1,906	1,541	1,866 -	325	433	104	329
1991	1,378	1,406 -	28	1,845	3,125 -	1,279	1,620	2,298 -	678	500	79	421
1992	1,387	1,459 -	72	1,952	3,244 -	1,292	1,696	2,366 -	669	569	65	503
1993	1,338	1,739 -	401	2,240	3,317 -	1,077	1,731	2,447 -	716	469	99	370
1994	1,361	1,406 -	45	1,914	3,174 -	1,260	1,962	2,618 -	655	529	94	434
1995	1,631	1,815 -	184	2,192	3,929 -	1,738	2,119	3,061 -	942	719	78	642
1996	1,551	2,388 -	837	2,461	4,075 -	1,614	2,251	3,336 -	1,085	813	65	748
1997	1,528	2,470 -	942	2,763	4,203 -	1,440	2,283	3,713 -	1,430	810	58	752
1998	1,464	1,965 -	501	2,566	3,046 -	480	2,002	3,316 -	1,314	684	60	624
1999	1,300	2,230 -	929	2,228	4,111 -	1,883	2,205	3,392 -	1,187	838	61	777
2000	1,333	3,286 -	1,953	2,549	6,743 -	4,195	2,309	3,986 -	1,677	1,270	64	1,206
2001	1,179	2,662 -	1,483	2,240	6,609 -	4,369	1,741	3,544 -	1,803	997	54	943
2002	1,173	2,133 -	960	2,410	7,255 -	4,845	1,947	3,288 -	1,341	1,060	221	839
2003	1,374	2,709 -	1,335	2,753	10,424 -	7,671	2,464	3,240 -	775	1,280	251	1,028
2004	1,520	4,128 -	2,608	3,670	14,029 -	10,359	2,877	4,060 -	1,183	1,511	277	1,234
2005	1,640	3,603 -	1,963	4,157	19,153 -	14,996	3,015	5,397 -	2,383	2,161	316	1,845
2006	2,065	5,523 -	3,458	4,462	24,916 -	20,454	3,362	6,125 -	2,762	2,477	320	2,157
2007	2,125	6,132 -	4,007	5,563	27,826 -	22,263	3,976	7,114 -	3,138	2,572	328	2,244
2008	2,867	7,982 -	5,114	5,715	38,933 -	33,218	4,373	9,139 -	4,766	3,365	382	2,983
2009	2,244	3,824 -	1,580	4,583	22,513 -	17,930	2,858	6,555 -	3,697	1,856	277	1,580
2010	2,229	7,148 -	4,919	6,226	31,389 -	25,164	3,904	9,803 -	5,899	2,649	121	2,527
2011	2,944	10,570 -	7,626	7,526	35,994 -	28,468	4,438	11,913 -	7,475	3,398	113	3,285
2012	3,104	9,449 -	6,346	7,372	43,249 -	35,877	4,684	10,210 -	5,525	3,256	109	3,147

11-11a. Value of Principal Exports  
(By CCC)

Unit: US\$ million

Period	Total	Fishery Products	Prepared Foodstuffs, Beverages and Tobacco Products	Mineral Products	Chemicals	Plastic and Articles Thereof	Rubber and Articles Thereof	Textile Products	Articles of Stone, Plaster, Cement; Ceramic Products; Glass and Glassware	Basic Metals and Articles Thereof
1981	22,611.2	512.4	683.0	528.2	294.5	769.6	217.3	4,776.0	390.8	1,532.8
1985	30,725.9	627.3	533.3	664.4	424.8	1,315.8	275.0	6,000.8	565.2	2,353.8
1989	66,304.0	1,095.8	613.1	494.1	1,058.3	3,832.7	503.2	10,355.6	1,142.5	5,192.2
1990	67,214.3	828.7	733.4	454.6	1,282.1	3,917.8	511.9	10,284.2	1,103.8	5,215.2
1991	76,178.3	815.7	870.2	500.7	1,569.8	4,580.7	590.5	11,997.2	1,162.0	5,805.9
1992	81,470.4	773.6	871.5	598.1	1,769.3	4,814.9	640.0	11,841.9	1,208.5	6,464.5
1993	85,091.3	784.9	870.0	633.6	1,937.4	5,011.4	681.6	12,039.4	1,084.0	7,133.1
1994	93,048.9	1,012.1	743.6	628.1	2,404.1	5,650.5	752.2	13,999.4	1,041.8	8,074.9
1995	111,658.8	1,198.4	661.4	863.9	3,238.2	7,101.4	973.3	15,622.0	1,089.4	10,026.8
1996	115,942.0	1,092.8	585.3	1,194.4	3,257.3	6,684.9	1,028.9	15,668.0	1,032.5	10,245.7
1997	122,080.5	1,101.5	498.1	1,318.5	3,277.6	6,637.0	1,079.3	16,660.5	1,129.1	11,530.6
1998	110,582.4	987.9	388.6	884.7	2,857.0	5,901.1	969.0	14,545.9	927.2	10,870.1
1999	121,591.0	950.4	397.0	1,099.2	3,266.9	6,514.9	1,009.4	14,172.7	935.3	11,606.9
2000	151,949.8	1,043.3	523.8	1,869.5	4,136.1	7,985.9	1,109.4	15,268.5	1,041.9	13,554.0
2001	126,314.4	1,039.3	494.2	1,914.1	4,222.8	6,987.8	1,038.9	12,662.1	891.3	11,369.2
2002	135,316.8	1,133.7	474.5	2,258.9	4,785.8	7,705.1	1,139.9	12,177.4	939.4	12,582.4
2003	150,600.6	1,240.7	473.3	3,498.9	5,847.4	8,732.7	1,308.6	11,905.9	992.5	14,384.2
2004	182,370.4	1,404.8	530.9	5,658.3	7,969.4	11,081.9	1,565.5	12,572.3	1,216.0	18,429.2
2005	198,431.7	1,441.1	538.3	9,173.6	10,126.4	12,877.8	1,854.9	11,840.1	1,246.7	20,467.7
2006	224,017.4	1,149.2	546.1	11,121.9	11,268.6	13,927.0	1,981.3	11,788.8	1,395.3	24,010.7
2007	246,677.3	1,121.1	625.8	14,139.6	14,866.4	16,696.0	2,229.3	11,622.6	1,445.8	27,752.3
2008	255,629.2	1,400.4	741.2	19,208.2	17,240.6	17,188.9	2,485.0	10,900.4	1,479.6	28,220.5
2009	203,674.9	1,087.1	807.4	11,697.6	13,930.4	14,619.8	1,903.6	9,344.3	1,369.1	19,359.3
2010	274,600.8	1,362.7	1,071.7	14,846.4	19,227.4	19,652.1	2,602.4	11,301.5	1,917.1	25,884.4
2011	308,257.4	1,699.6	1,282.1	17,921.3	22,463.3	21,942.7	3,257.0	12,715.5	2,566.7	30,177.8
2012	301,180.5	1,901.4	1,450.8	22,067.1	20,791.1	21,063.6	3,121.0	11,820.6	2,872.9	28,092.6

Note: CCC refers to the Customs Import Tariff and Import and Export Commodity Classification of the Republic of China.

Source: See Table 11-2c.

11-11b. Value of Principal Exports (Continued)  
(By CCC)

Unit: US\$ million

Period	Electronic Products	Machineries	Electrical Machinery Products	Information & Communication Products	Household Electrical Appliances	Vehicles, Aircraft, Vessels & Associated Transport Equipment	Precision Instruments, Clocks and Watches, Musical Instruments	Toys, Games & Sports Requisites and Parts & Accessories Thereof	Furniture	Others
1981	2,940.3	1,070.4	421.6	159.8	286.9	841.3	531.6	1,331.3	406.7	4,916.7
1985	3,038.3	1,474.7	797.4	1,317.6	586.8	1,241.2	614.5	1,784.1	768.4	6,342.5
1989	8,138.2	4,668.1	2,191.4	4,423.9	1,096.1	3,020.2	1,681.2	3,037.7	1,634.2	12,125.5
1990	7,725.3	5,776.9	2,207.7	5,023.6	903.5	3,449.2	1,720.6	2,906.2	1,445.8	11,723.8
1991	8,183.3	6,794.7	2,538.6	5,588.8	1,006.0	3,929.3	2,034.7	3,044.3	1,695.3	13,470.6
1992	8,682.2	7,533.0	2,783.6	6,423.5	1,034.8	4,199.9	2,202.1	3,318.8	1,840.1	14,470.1
1993	10,259.2	7,045.6	3,217.9	6,439.5	874.9	4,677.0	2,165.7	2,816.1	1,839.8	15,580.2
1994	12,333.9	7,207.5	3,446.6	6,790.8	825.7	4,816.5	2,293.3	2,704.3	1,801.7	16,521.9
1995	16,250.4	8,349.7	3,998.6	9,906.8	875.8	5,361.8	2,588.5	2,746.1	1,767.5	19,038.8
1996	16,631.6	9,482.3	4,224.5	12,545.9	890.1	5,215.4	2,546.0	2,671.3	1,738.5	19,206.6
1997	18,024.1	9,651.5	4,767.5	14,441.6	828.1	5,587.7	2,751.8	2,382.8	1,700.6	18,712.6
1998	16,900.6	7,807.3	4,351.4	13,757.8	663.8	5,216.2	2,462.8	1,901.3	1,576.7	17,613.0
1999	21,832.5	7,921.1	4,601.1	15,141.7	690.9	5,151.9	2,966.9	1,781.2	1,718.8	19,832.2
2000	33,754.6	10,019.2	5,453.3	19,801.9	653.0	5,885.1	4,223.9	2,217.3	1,767.3	21,641.8
2001	25,514.6	8,716.5	4,760.2	16,037.5	578.0	4,481.6	3,567.5	1,742.2	1,314.2	18,982.4
2002	28,383.0	9,577.1	6,067.0	16,453.9	562.9	4,864.1	4,955.5	1,734.0	1,200.2	18,322.0
2003	34,905.2	10,463.2	6,310.2	14,462.6	535.0	5,708.5	7,969.2	1,736.0	1,198.1	18,928.4
2004	45,578.2	12,591.3	8,406.3	13,204.5	504.9	6,532.6	12,216.0	1,857.2	1,267.5	19,783.6
2005	51,008.1	13,397.4	9,449.8	10,973.9	577.3	7,307.5	14,346.8	1,822.4	1,283.5	18,698.4
2006	62,822.9	14,269.3	10,882.8	9,883.9	645.7	7,378.6	18,361.6	1,776.9	1,288.9	19,517.9
2007	65,551.4	15,538.7	14,423.6	9,552.1	661.0	8,028.8	19,916.2	1,852.5	1,355.4	19,298.7
2008	63,456.3	16,038.1	13,247.7	10,167.5	684.6	9,094.8	21,808.8	1,804.6	1,350.9	19,111.1
2009	56,664.1	10,987.1	9,316.5	9,192.2	514.7	7,727.5	16,087.1	1,519.5	1,086.5	16,461.1
2010	77,306.1	16,725.4	11,282.1	14,095.4	482.9	9,333.2	23,623.6	1,895.9	1,340.7	20,649.8
2011	83,909.1	20,469.7	9,453.6	19,808.4	502.3	10,301.7	23,904.7	2,035.9	1,465.0	22,381.0
2012	83,422.1	20,072.7	9,627.4	15,478.6	454.9	11,075.0	23,349.2	2,171.9	1,537.8	20,809.8

Source: See Table 11-2c.

## 11-12a. Value of Principal Exports by Destination

## A. Textile Products

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	12,572,123	11,840,097	11,788,678	11,622,770	10,900,347	9,344,470	11,301,314	12,715,598	11,820,773
Mainland China	1,703,989	1,875,088	2,152,593	2,247,016	2,111,416	2,063,324	2,542,434	2,795,701	2,530,665
Vietnam	863,537	917,482	1,019,994	1,211,592	1,261,387	1,175,142	1,511,089	1,812,344	1,766,721
Hong Kong	3,012,934	2,743,288	2,418,260	2,071,338	1,748,802	1,269,393	1,461,621	1,469,055	1,175,811
U.S.A.	1,814,297	1,546,093	1,409,124	1,297,333	1,145,458	847,298	982,563	972,907	943,067
Indonesia	495,286	486,269	475,137	494,419	481,302	431,123	540,847	646,323	596,406
Japan	318,216	330,616	348,925	377,443	389,339	273,981	349,267	475,882	442,203
Thailand	310,905	292,973	300,505	307,510	346,364	281,535	366,531	397,231	404,170
Philippines	319,689	248,349	242,538	226,514	205,473	185,125	223,419	283,434	267,782
India	199,405	187,842	157,871	148,295	158,021	151,661	188,499	222,585	211,532
Brazil	140,879	89,767	104,316	138,498	122,188	118,327	155,421	209,189	176,097
Malaysia	135,164	135,370	125,684	123,858	130,538	103,214	127,092	154,277	142,965
Korea, Rep. of	191,136	173,182	177,422	172,926	121,789	107,974	134,343	148,570	133,783
Germany	120,739	111,907	109,904	104,416	124,197	100,025	125,563	140,905	126,527
United Kingdom	115,235	109,740	105,677	93,828	112,423	92,530	109,508	107,275	108,764
United Arab Emirates	168,834	127,239	101,958	92,192	73,092	66,228	57,704	124,908	78,067
Australia	84,103	76,994	75,106	74,298	76,037	67,987	73,448	81,140	75,649
Singapore	75,538	65,348	78,977	79,361	73,309	55,582	59,215	59,524	55,509
Netherlands	49,235	44,952	47,351	41,801	44,831	34,887	44,863	53,501	51,656
Others	2,453,002	2,277,598	2,337,336	2,320,132	2,174,381	1,919,134	2,247,887	2,560,847	2,533,399

Source: See Table 11-2c.

## 11-12b. Value of Principal Exports by Destination (Continued)

B. Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	620,792	539,460	506,239	469,029	461,010	373,607	444,776	492,895	472,463
U.S.A.	144,921	106,127	87,927	75,907	88,269	77,968	79,667	88,030	85,577
Mainland China	58,981	63,594	66,424	74,771	66,127	65,923	82,481	79,419	71,159
Vietnam	50,283	49,156	49,003	52,050	50,042	37,049	44,567	52,115	54,059
Hong Kong	132,457	132,634	113,585	85,572	85,161	45,983	52,631	53,654	45,068
Japan	47,080	43,848	31,590	28,324	31,041	32,620	34,428	38,405	41,575
Indonesia	18,326	15,199	11,544	11,304	11,487	11,187	14,598	18,025	19,524
Thailand	14,124	9,275	11,283	11,355	10,364	9,940	14,424	16,979	14,485
Germany	14,491	8,151	9,557	10,239	11,701	9,054	10,376	12,835	13,490
Others	140,129	111,476	125,326	119,507	106,818	83,883	111,604	133,433	127,526

## C. Basic Metals &amp; Articles Thereof

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	18,429,143	20,467,660	24,010,633	27,752,230	28,220,531	19,359,383	25,884,358	30,178,021	28,092,567
Mainland China	3,935,843	5,148,725	5,824,158	6,424,853	5,577,735	4,303,967	5,320,818	5,819,170	5,155,098
U.S.A.	4,151,802	4,019,924	5,029,771	4,712,014	4,694,624	2,733,655	3,952,516	4,641,175	5,003,252
Japan	1,131,585	1,481,774	1,386,119	1,476,177	1,723,813	1,152,458	1,667,218	2,167,559	2,039,925
Hong Kong	2,787,876	2,797,008	2,796,431	3,012,097	2,648,991	1,710,116	1,881,055	1,802,424	1,320,293
Thailand	418,370	463,990	522,591	680,814	876,315	633,313	965,832	1,181,155	1,267,817
Vietnam	428,513	470,593	519,016	922,769	1,095,904	989,918	1,072,586	1,258,053	1,022,468
Malaysia	567,468	583,717	664,692	880,631	947,452	636,493	963,401	1,059,244	980,070
Korea, Rep.of	379,659	506,852	769,532	831,776	949,186	927,137	960,333	1,181,249	918,827
Indonesia	232,868	290,723	301,879	428,645	604,018	426,466	621,256	813,675	900,504
Germany	347,950	370,277	439,820	567,007	609,351	414,778	645,174	895,185	773,588
Others	4,047,209	4,334,077	5,756,624	7,815,447	8,493,142	5,431,082	7,834,169	9,359,132	8,710,725

11-12c. Value of Principal Exports by Destination (Continued)  
D. Thermionic, Cold Cathode or Photo-Cathode Valves and Tubes, Diodes, Transistors  
Semiconductor Electronic Integrated Circuits and Microassemblies

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	38,047,208	42,717,116	53,569,662	54,003,799	53,356,266	50,471,042	71,446,779	75,584,074	74,979,112
U.S.A.	1,580,383	1,645,233	2,411,015	1,916,692	2,016,857	1,432,589	1,870,646	2,015,207	1,702,914
Germany	455,623	450,088	683,421	688,169	880,707	735,556	1,292,837	1,342,930	915,103
Japan	3,135,132	3,673,335	5,306,020	4,686,659	5,262,072	5,062,367	6,276,304	4,201,714	4,639,232
Singapore	3,158,891	3,294,139	4,163,544	4,240,925	4,894,637	4,874,119	7,009,913	10,458,557	11,483,733
Korea, Rep. of	2,290,354	2,172,995	3,078,015	3,567,282	3,968,550	3,476,728	5,165,712	6,345,837	6,644,740
Malaysia	...	...	1,882,018	1,826,884	1,696,724	1,058,598	1,758,698	2,091,067	2,218,621
Thailand	...	...	1,228,981	1,490,743	735,333	605,662	871,444	1,159,729	1,109,016
Philippines	169,846	169,831	2,157,138	1,765,975	1,471,628	1,245,804	1,861,366	1,925,716	1,716,006
Mainland China	...	...	15,222,164	14,992,056	15,177,874	16,118,969	24,090,580	24,269,004	22,602,097
Hong Kong	9,682,791	10,187,777	14,062,446	15,762,092	14,003,329	13,361,136	17,314,067	17,944,558	19,087,969
Others	17,574,188	21,123,718	3,374,900	3,066,322	3,248,555	2,499,514	3,935,212	3,829,755	2,859,681

E. Transmission Apparatus for Radiotelephony, Radiotelegraphy,  
Radio Broadcasting or Television

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	7,574,272	9,407,252	9,762,605	10,076,665	10,061,065	4,078,668	4,623,826	5,057,635	5,287,676
U.S.A.	1,910,607	3,443,344	4,761,822	5,055,876	4,526,719	2,174,299	2,180,301	2,176,758	2,243,824
Germany	484,536	487,978	457,949	313,764	351,368	109,261	89,201	94,962	126,265
United Kingdom	505,160	566,124	707,411	863,290	776,829	347,691	382,939	410,760	373,310
Netherlands	485,970	688,237	327,670	176,012	294,487	66,701	195,378	241,329	426,669
Japan	422,162	404,472	332,566	396,502	342,125	181,197	220,112	250,984	264,021
Singapore	277,772	183,982	162,477	200,485	209,672	59,816	76,909	90,637	96,635
Mainland China	...	...	400,500	416,322	422,243	212,584	359,939	475,570	459,372
Hong Kong	593,748	467,087	518,416	442,989	356,279	142,591	180,957	223,762	202,051
Others	3,488,065	3,633,115	2,093,794	2,211,425	2,781,343	784,528	938,090	1,092,873	1,095,529

## 11-12d. Value of Principal Exports by Destination (Continued)

## F. Insulated Electric Wire, Cable and Other Insulators

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	660,152	718,924	953,822	993,481	948,536	622,562	845,089	910,663	854,459
U.S.A.	103,370	110,743	148,996	155,097	138,963	99,061	143,872	177,725	165,489
Japan	47,243	44,450	57,684	61,907	61,980	40,110	50,924	78,519	73,643
Singapore	20,600	27,795	30,452	26,487	29,495	31,143	32,639	26,680	32,719
Philippines	11,935	12,652	19,358	21,582	26,938	12,053	13,784	13,070	13,296
Mainland China	...	...	217,737	254,871	221,325	147,223	189,697	180,527	170,679
Hong Kong	156,389	167,938	225,629	172,718	147,110	83,984	128,004	124,195	97,006
United Arab Emirates	...	...	8,320	15,440	32,708	13,324	12,753	12,787	10,519
Others	320,615	355,346	245,646	285,379	290,017	195,664	273,416	297,160	291,108

## G. Non-motorized Cycles and Other Cycles

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	780,369	986,970	905,312	1,111,167	1,440,950	1,296,383	1,561,529	1,734,405	1,885,385
U.S.A.	190,679	270,234	219,927	245,034	314,402	282,562	342,748	389,487	422,563
Canada	38,649	37,033	39,446	36,329	49,720	48,920	39,267	56,860	57,797
Germany	71,848	95,545	78,284	98,088	141,128	127,529	128,941	137,203	135,280
Netherlands	71,877	94,183	84,079	116,986	141,125	139,873	198,676	191,833	264,194
United Kingdom	73,057	94,188	104,381	133,565	161,048	132,252	196,921	160,099	165,274
Japan	49,921	40,765	43,277	52,007	75,328	92,616	85,253	113,849	125,924
Belgium	...	...	56,051	61,522	82,225	55,238	65,824	84,582	83,422
Australia	29,330	37,701	41,068	49,376	62,297	60,147	81,162	87,654	91,544
Others	255,008	317,321	238,799	318,260	413,677	357,246	422,737	512,838	539,387

11-12e. Value of Principal Exports by Destination (Continued)  
H. Machinery & Electrical Equipment

Unit: US\$ 1,000

Destination	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	94,783,445	98,268,360	111,592,039	118,031,887	114,246,543	95,214,742	131,276,949	144,308,043	138,873,281
Mainland China	14,829,985	17,165,242	20,975,454	23,401,292	23,437,111	20,211,806	29,337,658	33,375,913	32,573,152
Hong Kong	18,766,562	19,672,046	22,234,072	23,517,579	19,520,135	18,527,371	24,035,650	25,036,073	25,413,804
U.S.A.	15,428,133	15,358,332	17,212,159	17,161,043	16,021,011	12,691,076	17,441,679	20,804,708	16,480,472
Singapore	4,874,285	4,770,939	5,665,797	5,654,240	6,077,813	5,827,627	8,254,402	12,024,758	13,335,042
Japan	7,441,806	8,079,027	9,262,858	8,757,075	9,050,470	8,103,651	9,693,917	7,994,568	8,676,298
Korea, Rep. of	3,917,799	3,744,386	4,718,704	5,165,337	5,592,878	4,645,062	7,377,642	8,413,384	8,244,696
Malaysia	2,388,190	2,539,654	3,057,157	3,087,514	3,076,979	2,090,949	3,233,198	3,578,015	3,383,258
Germany	3,246,862	2,916,523	3,114,522	3,327,435	3,512,819	2,907,439	4,151,877	3,756,834	3,091,262
Thailand	1,738,833	1,944,592	2,653,122	3,015,964	2,180,406	1,716,968	2,363,975	2,746,039	2,848,846
Netherlands	3,893,422	3,330,186	2,762,905	2,642,656	2,423,683	1,840,104	2,561,115	2,530,763	2,481,180
Philippines	2,088,641	2,132,637	2,565,981	2,243,212	2,005,777	1,799,562	2,541,434	2,617,664	2,397,946
United Kingdom	2,083,681	1,894,479	1,878,913	1,983,081	1,780,364	1,270,206	2,052,747	2,240,262	1,895,379
India	488,107	469,125	513,110	779,058	1,022,587	812,837	1,230,255	1,519,526	1,158,640
Australia	970,909	875,244	858,898	909,377	846,405	644,158	964,033	1,167,762	1,156,515
Vietnam	549,215	613,998	611,861	763,579	866,518	662,648	963,927	1,005,848	1,114,397
Others	12,077,015	12,761,950	13,506,526	15,623,445	16,831,587	11,463,278	15,073,440	15,495,926	14,622,394

## 11-13a. Exports by Countries of Destination

## A. United States

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	29,114	32,361	32,077	30,791	23,553	31,466	36,364	32,976
Animals & Animal Products	163	179	158	166	142	146	159	155
Vegetable Products	36	41	47	49	53	61	71	75
Prepared Foodstuffs; Beverages & Tobacco Products	115	119	127	144	139	159	187	204
Mineral Products	533	588	709	409	515	494	295	294
Chemicals	453	529	533	689	549	813	866	964
Plastics & Articles Thereof; Rubber & Articles Thereof	1,666	1,641	1,678	1,790	1,316	1,831	2,094	2,224
Leather & Fur & Articles Thereof	42	45	40	44	39	44	55	63
Wood and Articles Thereof	80	82	67	54	31	35	41	38
Textile Products	1,546	1,409	1,297	1,145	847	983	973	943
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	106	88	76	88	78	80	88	86
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	173	197	202	188	167	217	245	249
Basic Metals & Articles Thereof	4,020	5,030	4,712	4,695	2,734	3,953	4,641	5,003
Machinery & Electrical Equipment	15,358	17,212	17,161	16,021	12,691	17,442	20,805	16,480
Vehicles, Aircraft, Vessels & Associated Transport Equipment	2,111	2,143	2,259	2,358	1,994	2,259	2,539	2,810
Precision Instruments, Clocks & Watches; Musical Instruments	995	1,285	1,087	988	785	1,058	1,285	1,242
Toys, Games & Sports Requisites; Parts & Accessories Thereof	608	604	617	603	514	715	735	777
Others	1,108	1,170	1,306	1,359	960	1,177	1,286	1,368
Furniture	541	522	508	523	408	504	549	611

Source: See Table 11-2c.

## 11-13b. Exports by Countries of Destination

## B. Japan

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	15,111	16,300	15,934	17,556	14,502	18,006	18,228	18,989
Animals & Animal Products	991	638	555	602	442	563	633	698
Vegetable Products	139	144	135	147	139	165	184	198
Prepared Foodstuffs; Beverages & Tobacco Products	90	68	80	83	60	96	95	82
Mineral Products	302	354	381	372	175	128	177	357
Chemicals	748	1,000	1,100	1,367	896	1,355	1,552	1,449
Plastics & Articles Thereof; Rubber & Articles Thereof	894	829	884	1,169	939	1,233	1,695	1,745
Leather & Fur & Articles Thereof	26	21	26	30	29	32	39	47
Wood and Articles Thereof	73	73	64	49	44	54	62	60
Textile Products	331	349	377	389	274	349	476	442
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	44	32	28	31	33	34	38	42
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	210	255	246	315	367	432	462	564
Basic Metals & Articles Thereof	1,482	1,386	1,476	1,724	1,152	1,667	2,168	2,040
Machinery & Electrical Equipment	8,079	9,263	8,757	9,050	8,104	9,694	7,995	8,676
Vehicles, Aircraft, Vessels & Associated Transport Equipment	426	503	521	598	528	529	667	629
Precision Instruments, Clocks & Watches; Musical Instruments	617	722	581	758	568	824	856	868
Toys, Games & Sports Requisites; Parts & Accessories Thereof	146	132	133	115	113	122	135	155
Others	514	533	588	756	639	729	995	936
Furniture	245	225	216	223	187	207	242	264

Source: See Table 11-2c.

## 11-13c. Exports by Countries of Destination

C. Germany

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	4,463	5,007	5,175	5,730	4,696	6,512	6,869	5,645
Animals & Animal Products	6	6	8	12	8	6	4	5
Vegetable Products	3	3	4	5	4	5	7	9
Prepared Foodstuffs; Beverages & Tobacco Products	4	5	5	6	8	9	13	28
Mineral Products	0	2	1	1	8	7	9	1
Chemicals	75	108	95	130	161	211	193	121
Plastics & Articles Thereof; Rubber & Articles Thereof	144	155	204	219	191	239	271	257
Leather & Fur & Articles Thereof	5	4	5	6	5	7	8	9
Wood and Articles Thereof	5	5	7	10	6	6	5	6
Textile Products	112	110	104	124	100	126	141	127
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	8	10	10	12	9	10	13	13
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	43	40	42	40	33	38	43	39
Basic Metals & Articles Thereof	370	440	567	609	415	645	895	774
Machinery & Electrical Equipment	2,917	3,115	3,327	3,513	2,907	4,152	3,757	3,091
Vehicles, Aircraft, Vessels & Associated Transport Equipment	416	458	400	511	468	528	593	608
Precision Instruments, Clocks & Watches; Musical Instruments	197	366	184	158	150	263	528	237
Toys, Games & Sports Requisites; Parts & Accessories Thereof	48	54	64	79	76	86	99	92
Others	112	127	145	295	146	172	292	229
Furniture	46	52	75	67	70	78	81	81

Source: See Table 11-2c.

11-13d. Exports by Countries of Destination  
D. United Kingdom

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	3,263	3,511	3,618	3,630	2,980	3,621	4,620	5,065
Animals & Animal Products	5	5	6	4	3	4	3	2
Vegetable Products	1	2	3	2	2	3	4	5
Prepared Foodstuffs; Beverages & Tobacco Products	4	5	5	5	7	6	7	10
Mineral Products	0	1	38	213	131	0	129	0
Chemicals	40	54	44	63	40	48	62	77
Plastics & Articles Thereof; Rubber & Articles Thereof	186	209	227	226	187	218	237	238
Leather & Fur & Articles Thereof	6	6	6	6	6	9	10	9
Wood and Articles Thereof	4	3	5	5	4	4	3	3
Textile Products	110	106	94	112	93	110	107	109
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	7	9	7	7	5	7	9	8
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	23	23	27	28	21	21	37	44
Basic Metals & Articles Thereof	373	433	522	486	314	451	507	479
Machinery & Electrical Equipment	1,894	1,879	1,983	1,780	1,270	2,053	2,240	1,895
Vehicles, Aircraft, Vessels & Associated Transport Equipment	282	283	321	359	294	398	385	408
Precision Instruments, Clocks & Watches; Musical Instruments	122	271	103	97	68	77	91	87
Toys, Games & Sports Requisites; Parts & Accessories Thereof	80	86	90	82	75	85	90	97
Others	125	135	139	154	462	128	698	1,593
Furniture	70	72	79	67	52	55	56	53

Source: See Table 11-2c.

## 11-13e. Exports by Countries of Destination

## E. Mainland China

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	43,644	51,809	62,417	66,884	54,249	76,935	83,960	80,714
Animals & Animal Products	50	78	66	67	33	80	170	211
Vegetable Products	18	18	17	20	27	38	44	49
Prepared Foodstuffs; Beverages & Tobacco Products	39	43	52	68	100	157	214	276
Mineral Products	421	569	845	2,944	849	897	975	1,000
Chemicals	4,600	5,199	7,509	8,287	7,088	9,973	12,032	10,741
Plastics & Articles Thereof; Rubber & Articles Thereof	4,600	5,357	6,520	6,332	5,965	8,190	8,777	8,540
Leather & Fur & Articles Thereof	207	252	252	253	178	225	207	213
Wood and Articles Thereof	41	38	38	29	28	30	34	44
Textile Products	1,875	2,153	2,247	2,111	2,063	2,542	2,796	2,531
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	64	66	75	66	66	82	79	71
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	302	336	352	307	319	583	958	1,138
Basic Metals & Articles Thereof	5,149	5,824	6,425	5,578	4,304	5,321	5,819	5,155
Machinery & Electrical Equipment	17,165	20,975	23,401	23,437	20,212	29,338	33,376	32,573
Vehicles, Aircraft, Vessels & Associated Transport Equipment	365	372	325	257	400	867	656	729
Precision Instruments, Clocks & Watches; Musical Instruments	8,108	9,845	13,557	16,408	11,950	17,679	16,725	16,274
Toys, Games & Sports Requisites; Parts & Accessories Thereof	72	74	71	63	65	92	157	216
Others	568	609	665	655	602	842	940	952
Furniture	38	40	50	44	38	54	60	62

Source: See Table 11-2c.

11-13f. Exports by Countries of Destination  
F. Hong Kong

Unit: US\$ Million

Item	2005	2006	2007	2008	2009	2010	2011	2012
Total	34,036	37,381	37,980	32,690	29,445	37,807	40,084	37,932
Animals & Animal Products	28	33	24	34	67	71	61	74
Vegetable Products	24	27	27	24	26	34	47	50
Prepared Foodstuffs; Beverages & Tobacco Products	70	71	85	109	118	145	176	202
Mineral Products	509	786	770	394	433	1,001	1,324	2,269
Chemicals	931	772	851	861	579	784	797	645
Plastics & Articles Thereof; Rubber & Articles Thereof	3,152	3,046	3,115	2,886	2,305	3,065	2,754	2,192
Leather & Fur & Articles Thereof	328	301	290	252	178	209	201	206
Wood and Articles Thereof	32	24	19	14	10	6	4	4
Textile Products	2,743	2,418	2,071	1,749	1,269	1,462	1,469	1,176
Footwear, Headgear, Umbrellas; Artificial Flowers; Articles of Human Hair	133	114	86	85	46	53	54	45
Articles of Stone, Plaster, Cement, Etc.; Ceramic Products; Glass & Glassware	125	115	103	103	80	173	280	278
Basic Metals & Articles Thereof	2,797	2,796	3,012	2,649	1,710	1,881	1,802	1,320
Machinery & Electrical Equipment	19,672	22,234	23,518	19,520	18,527	24,036	25,036	25,414
Vehicles, Aircraft, Vessels & Associated Transport Equipment	149	152	181	248	329	255	431	271
Precision Instruments, Clocks & Watches; Musical Instruments	2,404	3,363	2,609	1,887	1,396	2,053	2,072	1,958
Toys, Games & Sports Requisites; Parts & Accessories Thereof	291	243	245	223	127	137	113	84
Others	648	885	973	1,652	2,246	2,443	3,462	1,745
Furniture	20	13	16	18	11	13	16	20

Source: See Table 11-2c.

11-14a. Value of Principal Imports  
(By CCC)

Unit: US\$ million

Period	Total	1. Vegetable Products	1.1 Wheat, Barley & Similar Articles Thereof	1.2 Maize	1.3 Soybeans	2. Prepared Foodstuffs; Beverages & Tobacco Products	3. Mineral Products	3.1 Petroleum	4. Chemicals
1981	21,199.5	1,503.7	192.7	499.6	383.1	314.1	5,824.2	4,452.1	1,678.5
1985	20,102.0	1,305.1	178.9	423.3	390.6	386.9	4,642.4	3,337.4	2,133.1
1987	34,983.4	1,382.3	148.2	351.9	428.0	679.2	4,055.3	2,523.5	3,947.8
1988	49,672.8	1,784.3	194.5	550.1	551.7	864.7	4,454.3	2,204.8	5,341.8
1989	52,265.3	1,885.9	217.7	611.6	542.1	1,066.4	5,094.6	2,604.9	5,800.4
1990	54,715.8	1,994.2	202.7	704.8	512.6	1,100.2	6,575.0	3,180.4	5,837.8
1991	62,860.6	2,006.4	173.7	732.9	492.3	1,239.0	6,545.3	3,203.8	7,127.9
1992	72,006.8	2,135.3	191.8	714.8	548.7	1,507.5	6,413.8	3,052.3	7,149.0
1993	77,061.2	2,122.6	206.9	685.6	619.6	1,650.5	6,674.1	2,960.3	7,564.5
1994	85,349.4	2,418.5	273.9	776.1	646.9	1,859.4	6,969.5	2,745.2	8,964.8
1995	103,550.0	2,622.4	253.3	960.9	665.9	2,163.6	8,240.5	3,781.9	11,622.6
1996	102,370.1	3,164.7	286.9	1,168.1	852.2	2,248.8	9,280.0	4,851.6	10,927.1
1997	114,424.6	2,823.0	242.4	847.3	857.5	2,398.8	10,304.1	5,086.6	11,440.0
1998	104,665.6	2,142.4	218.6	605.7	531.1	1,988.3	7,809.6	3,530.2	9,950.0
1999	110,689.9	2,022.4	197.2	533.6	521.0	2,048.2	9,145.6	4,596.3	10,596.4
2000	140,732.2	2,041.6	212.3	563.0	497.2	2,121.3	14,141.0	8,132.7	13,103.9
2001	107,970.7	1,988.2	205.4	586.2	502.5	2,054.1	12,764.3	6,808.5	10,247.4
2002	113,245.3	2,082.1	223.1	590.3	536.2	2,011.0	12,619.2	6,752.5	11,353.6
2003	128,010.2	2,384.4	230.3	682.5	662.5	2,235.6	16,332.1	9,564.4	13,507.3
2004	168,757.5	2,670.4	258.1	817.7	701.2	2,484.2	22,965.5	13,107.7	17,593.0
2005	182,614.4	2,762.7	299.0	717.8	706.9	2,823.2	29,858.9	18,207.0	19,495.1
2006	202,698.3	2,664.9	247.2	756.1	635.3	2,965.6	38,808.8	23,528.5	22,468.4
2007	219,251.9	3,304.7	364.4	944.2	841.0	2,961.6	45,896.4	24,494.8	24,835.1
2008	240,447.8	4,313.9	529.8	1,284.7	1,176.4	3,280.1	65,245.2	33,016.3	26,591.5
2009	174,370.5	3,583.0	378.9	951.9	1,032.6	2,994.2	39,335.4	19,638.7	20,424.8
2010	251,236.2	4,261.0	357.8	1,230.3	1,190.4	3,531.8	55,326.2	25,676.9	29,339.1
2011	281,437.2	4,914.5	602.3	1,383.1	1,308.5	3,982.1	68,166.9	30,320.2	34,026.8
2012	270,472.1	5,121.7	514.5	1,410.5	1,453.3	4,090.4	73,974.4	35,606.7	30,055.1

Note: See note of Table 11-11a.

Source: See Table 11-2c.

## 11-14b. Value of Principal Imports (Continued)

Unit: US\$ million

Period	5. Plastics & Articles Thereof	5.1 Plastics	6. Wood, Articles of Wood & Allied Products	6.1 Lumber	7. Pulp Paper & Printing Products	8. Textile Products	8.1 Cotton	9. Pearls, Precious Stones, Precious Metals, Imitation Jewellery and Coins	10. Basic Metals & Articles Thereof	10.1 Iron & Steel & Articles Thereof
1981	355.1	209.9	680.6	625.0	239.6	877.0	325.5	72.9	1,881.7	1,275.8
1985	373.6	215.6	506.2	400.9	365.7	970.1	360.8	46.1	1,641.1	903.1
1987	912.2	605.6	1,001.1	708.0	716.2	1,635.0	525.4	1,326.6	3,600.1	2,077.0
1988	1,252.1	836.9	1,155.0	789.8	975.8	1,772.6	479.5	5,246.0	5,430.8	3,210.7
1989	1,261.6	766.8	1,209.5	763.8	1,116.2	1,954.2	421.0	2,081.2	6,776.3	3,819.8
1990	1,383.9	828.3	1,106.8	662.9	1,209.3	1,923.6	407.6	1,427.8	5,997.8	3,362.5
1991	1,751.9	1,095.2	1,345.0	761.9	1,426.4	2,601.8	582.9	1,454.2	8,078.4	4,733.9
1992	1,876.7	1,090.0	1,684.8	933.6	1,578.0	2,731.1	408.3	2,238.9	8,358.1	4,991.1
1993	2,008.3	1,143.0	1,938.9	1,027.9	1,639.0	2,761.3	336.0	1,760.5	9,858.1	6,516.4
1994	2,408.1	1,390.0	2,119.8	968.4	2,070.6	3,252.6	371.3	1,833.3	9,779.7	5,759.1
1995	2,818.1	1,594.4	2,065.3	941.1	2,648.0	3,521.2	509.0	1,680.1	12,938.1	7,228.8
1996	2,785.0	1,614.4	1,677.9	740.7	2,098.0	3,630.8	562.3	1,507.9	10,418.6	5,710.4
1997	3,081.3	1,792.3	1,808.7	770.5	2,081.1	3,654.5	453.2	1,558.4	11,674.3	6,317.7
1998	2,724.6	1,536.2	1,217.4	491.8	1,806.8	3,163.6	485.6	973.7	9,502.0	5,167.5
1999	3,006.5	1,677.6	1,166.9	486.9	1,895.7	2,873.8	360.0	1,168.4	9,511.2	4,941.5
2000	3,574.6	1,947.7	1,180.5	487.6	2,170.8	2,949.0	325.4	1,420.5	11,107.2	5,663.0
2001	2,884.8	1,511.7	848.3	338.7	1,789.6	2,395.8	305.4	975.9	7,831.1	3,803.9
2002	3,138.3	1,532.6	913.6	362.5	1,711.6	2,504.5	330.0	843.0	9,224.2	4,866.7
2003	3,421.1	1,530.9	973.7	382.3	1,928.3	2,430.7	280.7	1,021.5	11,340.6	6,281.9
2004	4,585.4	1,981.0	1,245.4	497.8	2,184.5	2,713.7	337.0	1,446.5	18,478.8	10,814.8
2005	5,211.9	2,172.8	1,239.2	506.5	2,240.9	2,635.0	305.0	1,755.0	18,808.2	10,597.3
2006	5,607.3	2,125.6	1,236.8	479.7	2,298.9	2,730.0	321.6	2,369.4	23,158.6	10,234.3
2007	5,913.6	2,140.6	1,317.3	515.5	2,462.7	2,674.0	298.4	3,035.3	26,622.8	12,692.7
2008	5,962.3	2,119.3	1,309.5	500.0	2,721.1	2,702.1	311.0	3,408.3	28,922.4	16,405.2
2009	5,114.4	1,603.3	881.5	324.8	1,993.2	2,190.1	241.6	3,223.6	15,195.4	7,619.5
2010	7,315.1	2,474.4	1,303.6	501.3	2,660.9	2,902.1	380.3	4,703.6	24,352.5	12,433.6
2011	8,239.4	2,989.0	1,398.9	548.0	2,877.0	3,569.8	505.4	6,155.2	27,033.2	14,340.8
2012	7,902.7	2,847.7	1,318.4	501.0	2,735.9	3,320.5	362.8	6,154.5	23,140.9	12,320.2

## 11-14c. Value of Principal Imports (Continued)

Unit: US\$ million

Period	11. Machinery & Electrical Equipment	11.1 Electronic Products	11.2 Machinery	11.3 Electrical Machinery Products	11.4 Information & Communication Products	11.5 Household Electrical Appliances	12. Vehicles, Aircraft, Vessels & Associated Transport Equipment	13. Precision Instruments, Clocks & Watches; Musical Instruments	14. Others
1981	4,676.5	1,274.2	2,116.3	840.8	201.8	52.4	1,331.1	542.5	1,222.0
1985	4,476.3	1,485.1	1,686.5	635.5	419.5	88.5	1,146.0	513.4	1,596.0
1987	10,073.6	3,810.7	3,789.7	1,085.3	847.4	232.1	2,078.9	923.6	2,651.5
1988	13,356.3	5,115.8	4,911.0	1,290.4	1,152.1	479.3	3,060.0	1,275.9	3,703.2
1989	14,949.3	5,302.6	5,157.5	1,672.0	1,317.3	555.0	3,956.2	1,526.7	3,586.8
1990	16,400.9	5,755.5	5,366.6	1,914.9	1,741.5	544.3	3,882.7	1,618.9	4,256.9
1991	18,568.8	7,107.1	6,171.6	1,805.9	1,689.6	505.8	3,963.9	2,016.1	4,735.5
1992	22,324.2	9,050.9	7,293.8	2,089.6	1,920.4	559.5	6,077.6	2,306.6	5,625.2
1993	24,120.4	10,330.9	7,462.5	2,574.1	1,719.5	572.8	6,315.7	2,636.7	6,010.6
1994	27,296.4	12,264.2	8,076.6	2,987.9	1,757.5	591.1	6,097.8	3,439.8	6,839.1
1995	35,657.4	16,821.5	10,347.9	3,558.1	2,274.2	580.8	6,038.2	4,162.5	7,372.0
1996	35,970.2	16,215.1	11,154.5	3,266.6	2,744.6	499.5	4,554.2	5,330.4	8,776.5
1997	41,115.6	18,656.7	11,475.1	3,820.9	3,531.8	506.8	5,360.6	6,375.4	10,748.8
1998	42,925.8	18,055.0	12,050.3	3,969.5	5,296.5	395.3	5,593.7	5,180.8	9,686.9
1999	50,598.4	19,818.1	13,517.5	4,146.0	8,524.2	421.4	4,022.0	6,186.2	6,448.2
2000	66,437.9	27,414.1	17,057.0	5,381.9	11,346.7	506.8	4,717.4	9,145.7	6,620.8
2001	48,046.6	21,209.5	10,486.0	4,318.0	8,200.7	453.3	4,252.0	6,240.4	5,652.2
2002	50,610.8	23,250.8	9,755.6	4,667.6	8,339.2	569.3	3,483.3	6,649.9	6,100.2
2003	53,457.3	25,587.1	11,542.5	4,986.8	6,199.3	630.2	3,908.3	8,670.8	6,398.5
2004	66,855.3	30,896.6	17,668.9	6,275.6	5,552.7	884.4	5,320.8	12,594.4	7,619.6
2005	68,832.6	33,345.8	17,305.0	6,632.7	5,546.1	1,068.7	6,976.6	11,334.6	8,640.5
2006	72,541.2	36,773.3	17,907.4	6,631.4	4,957.3	1,171.3	4,949.8	12,376.5	8,522.1
2007	72,528.0	36,331.9	17,686.8	7,249.3	4,851.8	1,170.8	5,391.3	13,007.7	9,301.4
2008	70,575.0	35,086.1	17,657.4	6,930.4	5,072.8	1,180.2	4,380.4	10,819.3	10,216.7
2009	59,004.6	31,285.8	14,645.2	4,705.1	4,545.7	811.5	4,175.3	7,464.7	8,790.3
2010	86,522.7	42,719.2	26,325.0	6,932.9	5,719.6	941.0	6,132.8	10,857.9	12,026.9
2011	89,043.6	44,502.6	24,633.4	7,942.4	6,920.2	1,078.3	7,139.2	11,266.2	13,624.4
2012	81,303.0	40,763.4	21,299.3	6,939.6	7,522.9	1,068.4	7,635.3	10,601.2	13,118.1

11-15a. Value of Principal Imports by Origin

A. Soybeans

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	701,248	706,864	635,261	840,739	1,176,270	1,032,565	1,190,329	1,308,443	1,453,498
Brazil	295,858	158,184	125,825	78,919	102,002	273,876	401,841	537,185	719,538
U.S.A.	382,802	509,726	500,801	756,642	1,028,382	749,789	727,935	729,005	715,272
Others	22,588	38,954	8,635	5,178	45,886	8,900	60,553	42,253	18,688

B. Wheat

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	258,100	299,000	247,200	364,400	529,800	378,900	357,800	602,446	514,621
U.S.A.	206,150	242,112	190,705	340,292	416,314	278,343	238,899	464,991	366,367
Australia	41,043	52,895	55,409	22,286	108,967	84,458	103,658	123,152	121,506
India	10,770	2,151	0	0	0	0	0	4,774	20,161
Others	137	1,842	1,086	1,822	4,519	16,099	15,243	9,529	6,587

C. Maize (Corn)

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	817,772	717,774	756,264	944,067	1,284,724	951,832	1,230,350	1,382,893	1,410,464
Brazil	0	0	0	0	0	123,243	311,414	334,454	706,894
U.S.A.	778,544	698,548	754,014	923,731	1,021,976	786,827	793,096	881,506	362,582
India	4,755	209	32	6,154	198,626	35,392	7,992	36,166	85,153
Australia	7	39	7	7	12	34	112	12	10,069
Thailand	9,337	909	850	162	12,199	1,051	247	591	516
Others	25,129	18,069	1,361	14,013	51,911	5,285	117,489	130,164	245,250

Source: See Table 11-2c.

11-15b. Value of Principal Imports by Origin (Continued)

D. Raw Cotton

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	336,973	305,044	321,591	298,529	311,049	241,561	380,279	505,474	362,746
U.S.A.	152,786	140,740	162,605	165,267	154,663	112,364	195,607	184,049	161,171
Brazil	20,143	22,026	31,561	28,699	42,209	41,177	42,057	78,079	65,238
India	27,405	19,563	31,266	30,999	49,481	29,100	56,298	83,351	31,139
Australia	5,316	9,514	9,343	2,175	1,903	1,148	14,345	28,725	12,246
Others	131,323	113,201	86,816	71,389	62,793	57,772	71,972	131,270	92,952

E. Crude Petroleum

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	13,107,653	18,206,949	23,528,593	24,494,712	33,016,511	19,638,762	25,676,913	30,320,266	35,606,656
Saudi Arabia	4,209,627	6,005,082	8,082,412	8,382,046	12,289,274	7,128,346	9,000,649	10,324,521	11,143,203
United Arab	500,560	856,590	1,555,161	1,399,182	1,642,389	818,694	1,263,290	1,799,240	2,434,783
Russia	81,038	52,396	0	0	0	716,330	206,042	144,917	182,688
Indonesia	216,599	153,209	270,032	94,121	103,435	104,762	340,810	205,046	91,597
Australia	94,464	305,439	165,062	170,847	74,254	0	46,963	0	62,255
Mainland China	82,345	180,488	419,196	282,163	432,571	54,705	49,894	71,168	0
Others	7,923,020	10,653,745	13,036,730	14,166,353	18,474,588	10,815,925	14,769,265	17,775,374	21,692,130

F. Basic Metals & Articles Thereof

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	18,478,912	18,808,115	23,158,634	26,622,792	28,922,337	15,195,373	24,352,450	27,033,271	23,140,926
Japan	4,098,179	4,883,182	5,207,369	5,991,410	6,085,717	4,239,953	5,988,531	6,363,713	5,881,501
Mainland China	2,698,907	2,825,695	3,918,509	4,178,146	4,171,454	1,343,064	2,757,266	4,439,106	3,625,174
U.S.A.	700,892	706,428	987,603	1,550,015	2,364,494	1,177,710	1,803,872	2,342,778	2,055,471
Korea, Rep. of	882,889	1,092,515	1,703,305	1,707,919	1,651,842	1,008,799	1,880,709	1,809,923	1,486,929
Australia	1,073,662	1,122,358	1,674,593	1,854,759	1,813,424	866,450	1,491,893	1,598,409	1,106,765
Russia	2,085,183	1,758,302	1,463,589	1,392,682	1,613,393	804,414	1,071,404	804,289	1,043,099
Indonesia	223,521	249,380	372,088	528,691	637,207	382,719	717,395	637,289	500,839
Others	6,715,679	6,170,255	7,831,578	9,419,170	10,584,806	5,372,264	8,641,380	9,037,764	7,441,148

## 11-15c. Value of Principal Imports by Origin (Continued)

## G. Transportation Equipment

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	5,320,681	6,976,555	4,949,778	5,391,327	4,380,397	4,175,396	6,132,868	7,139,200	7,635,396
Japan	2,179,507	2,892,796	1,612,908	1,609,001	1,412,031	1,642,501	2,164,158	2,594,640	2,653,800
Germany	649,660	774,070	665,035	743,664	591,550	651,911	1,191,721	1,714,252	1,479,952
Mainland China	240,232	339,692	354,634	456,323	654,603	531,899	700,311	807,628	913,319
France	325,976	714,474	449,418	370,830	148,496	37,640	156,782	213,071	595,863
U.S.A.	1,014,462	1,200,276	940,017	1,290,140	716,481	529,255	958,621	549,622	593,633
Korea, Rep. of	215,051	288,129	157,064	94,993	90,914	163,024	210,315	223,258	253,432
United Kingdom	66,324	72,356	70,899	67,038	53,387	74,358	82,729	124,193	122,315
Others	629,469	694,762	699,803	759,338	712,935	544,808	668,231	912,536	1,023,082

## H. Chemicals

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	17,592,989	19,495,035	22,468,424	24,835,150	26,591,376	20,424,875	29,339,143	34,026,799	30,055,025
Japan	5,962,296	6,919,508	8,112,985	8,082,719	8,188,541	6,454,406	8,596,446	9,411,626	8,387,594
Mainland China	1,010,221	1,258,792	1,647,689	2,382,159	3,342,760	2,662,700	4,066,328	4,867,169	4,165,365
U.S.A.	3,223,875	3,031,611	3,034,332	3,576,900	3,595,280	2,564,542	3,473,866	3,961,989	3,649,759
Korea, Rep. of	1,412,919	1,602,540	2,257,324	2,173,142	2,002,650	1,583,700	2,687,401	3,548,383	2,841,879
Germany	988,621	1,068,862	1,292,945	1,814,244	1,824,313	1,554,241	2,279,683	2,269,736	2,094,152
Saudi Arabia	461,379	485,026	666,347	793,677	948,679	557,742	1,074,174	1,478,212	1,625,009
Singapore	574,496	627,936	645,553	888,480	823,676	450,442	676,712	671,375	523,732
Malaysia	363,499	379,297	425,754	596,409	578,188	342,946	531,030	648,890	520,855
Others	3,595,683	4,121,463	4,385,495	4,527,420	5,287,289	4,254,156	5,953,503	7,169,419	6,246,680

## 11-15d. Value of Principal Imports by Origin (Continued)

## I. Machinery &amp; Electrical Equipment

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	66,855,315	68,832,653	72,541,045	72,528,069	70,575,109	59,004,538	86,522,793	89,043,600	81,302,914
Mainland China	8,150,030	10,044,994	12,220,379	13,622,422	14,557,385	13,315,689	19,682,994	22,722,395	22,214,178
Japan	20,619,695	20,518,877	20,345,054	18,667,487	19,238,292	15,162,257	22,733,267	21,040,902	18,639,349
U.S.A.	9,250,090	8,592,830	9,800,160	11,080,961	10,421,431	6,675,329	9,966,960	8,906,476	8,157,178
Korea, Rep.of	7,301,326	8,492,024	8,670,709	8,555,216	6,809,803	5,428,940	8,099,284	8,666,104	5,865,679
Singapore	2,833,049	3,427,910	3,288,383	2,697,722	2,346,870	3,073,492	5,175,050	5,238,556	5,701,701
Malaysia	3,095,123	2,724,088	2,733,268	2,383,293	2,189,249	2,058,851	2,843,728	2,698,657	2,662,744
Germany	2,518,017	2,610,815	2,406,734	2,690,520	3,065,313	2,084,147	2,851,958	3,521,285	2,468,556
Netherlands	538,910	512,796	541,374	530,108	442,265	889,158	2,291,502	2,110,925	2,462,583
Thailand	1,445,067	1,474,059	1,863,592	1,993,098	1,509,885	1,306,064	1,852,176	1,906,389	1,418,553
Philippines	2,528,250	2,184,691	2,135,798	1,747,833	1,493,638	1,132,781	1,523,082	1,528,441	1,364,561
Others	8,575,758	8,249,569	8,535,594	8,559,409	8,500,978	7,877,830	9,502,792	10,703,470	10,347,832

## J. Cold Cathode and Photo-cathode Valves and Tubes, Diodes and Crystals

Unit: US\$ 1,000

Origin	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	28,561,704	29,821,440	33,309,947	32,321,837	30,973,936	27,593,812	37,063,329	38,235,772	35,088,032
Japan	4,818,284	5,061,018	5,997,964	5,746,186	6,427,389	5,908,739	7,581,971	7,362,748	7,329,941
U.S.A.	3,618,981	3,476,899	3,702,142	4,371,018	4,972,087	2,742,305	3,114,784	3,188,002	2,860,550
Malaysia	2,496,264	2,008,867	2,152,684	1,819,448	1,604,426	1,609,877	2,232,672	2,118,530	1,944,513
Korea, Rep. of	5,704,975	6,663,776	7,206,726	6,786,965	5,031,456	3,874,483	5,805,066	6,782,821	4,408,839
Hong Kong	826,043	562,760	383,929	336,726	216,642	145,412	140,849	136,556	129,357
Mainland China	2,383,814	3,050,511	3,955,826	3,855,038	3,996,180	4,097,983	6,342,274	6,384,329	6,503,269
Singapore	1,703,483	2,321,841	2,389,288	1,911,928	1,784,316	2,509,277	4,032,917	3,805,944	4,076,664
Netherlands	290,306	240,662	240,223	187,984	144,389	120,609	156,386	116,391	120,988
Others	6,719,554	6,435,106	7,281,165	7,306,544	6,797,051	6,585,127	7,656,410	8,340,451	7,713,911

## 11-16a. Imports by Countries of Origin

## A. Japan

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	43,717,803	46,053,317	46,284,409	45,936,860	46,508,012	36,220,015	51,917,431	52,199,738	47,573,642
Textile products	332,186	307,860	262,105	241,452	254,747	200,457	243,209	271,536	249,266
Machinery & electrical equipment	20,619,695	20,518,877	20,345,054	18,667,487	19,238,292	15,162,257	22,733,267	21,040,902	18,639,349
Transportation equipment	2,179,507	2,892,796	1,612,908	1,609,001	1,412,031	1,642,501	2,164,158	2,594,640	2,653,800
Chemicals	5,962,296	6,919,508	8,112,985	8,082,719	8,188,541	6,454,406	8,596,446	9,411,626	8,387,594
Basic metals & articles thereof	4,098,179	4,883,182	5,207,369	5,991,410	6,085,717	4,239,953	5,988,531	6,363,713	5,881,501
Others	10,525,940	10,531,094	10,743,988	11,344,791	11,328,684	8,520,441	12,191,820	12,517,321	11,762,132

## B. Mainland China

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	16,792,250	20,093,697	24,783,086	28,014,978	31,391,316	24,423,470	35,945,949	43,596,543	40,908,232
Chemicals	1,010,221	1,258,792	1,647,689	2,382,159	3,342,760	2,662,700	4,066,328	4,867,169	4,165,365
Plastics and articles thereof	309,142	443,770	533,823	613,815	647,623	539,039	798,162	951,227	1,026,659
Textile products	258,166	323,011	593,767	684,146	785,506	738,272	943,631	1,150,883	1,195,184
Basic metals and articles thereof	2,698,907	2,825,695	3,918,509	4,178,146	4,171,454	1,343,064	2,757,266	4,439,106	3,625,174
Electronic products	2,553,975	3,808,184	4,849,397	5,093,007	5,214,932	5,531,076	8,844,252	9,442,233	9,406,070
Information and communication	1,646,676	1,630,729	2,222,133	2,725,432	2,963,393	2,762,106	3,748,642	4,915,580	4,917,785
Others	8,315,163	9,803,516	11,017,768	12,338,273	14,265,648	10,847,213	14,787,668	17,830,345	16,571,995

Source: See Table 11-2c.

## 11-16b. Imports by Countries of Origin (Continued)

## C. United States

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	21,780,376	21,170,844	22,664,493	26,508,055	26,326,556	18,153,897	25,379,359	25,758,791	23,603,822
Soybeans	382,802	509,726	500,801	756,642	1,028,382	749,789	727,935	729,005	715,272
Wheat	206,150	242,112	190,705	340,292	416,314	278,343	238,899	464,991	366,367
Raw Cotton	152,786	140,740	162,605	165,267	154,663	112,364	195,607	184,049	161,171
Machinery & electrical equipment	9,250,090	8,592,830	9,800,160	11,080,961	10,421,431	6,675,329	9,966,960	8,906,476	8,157,178
Chemicals	3,223,875	3,031,611	3,034,332	3,576,900	3,595,280	2,564,542	3,473,866	3,961,989	3,649,759
Transportation equipment	1,014,462	1,200,276	940,017	1,290,140	716,481	529,255	958,621	549,622	593,633
Basic metals & articles thereof	700,892	706,428	987,603	1,550,015	2,364,494	1,177,710	1,803,872	2,342,778	2,055,471
Others	6,849,319	6,747,121	7,048,270	7,747,838	7,629,511	6,066,565	8,013,599	8,619,881	7,904,971

## D. Republic of Korea

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	11,663,599	13,239,156	14,999,578	15,158,355	13,168,381	10,506,836	16,058,786	17,860,304	15,073,235
Minerals products	160,188	157,209	259,879	540,828	761,848	554,492	734,449	1,130,223	2,259,605
Chemicals	1,412,919	1,602,540	2,257,324	2,173,142	2,002,650	1,583,700	2,687,401	3,548,383	2,841,879
Plastics and articles thereof	252,172	281,853	297,646	337,096	395,230	452,113	644,641	620,127	560,437
Basic metals and articles thereof	882,889	1,092,515	1,703,305	1,707,919	1,651,842	1,008,799	1,880,709	1,809,923	1,486,929
Machineries and electrical equipments	7,301,326	8,492,024	8,670,709	8,555,216	6,809,803	5,428,940	8,099,284	8,666,104	5,865,679
Others	1,654,105	1,613,015	1,810,715	1,844,154	1,547,008	1,478,792	2,012,302	2,085,544	2,058,706

## 11-16c. Imports by Countries of Origin (Continued)

## E. Saudi Arabia

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	5,558,950	7,437,248	9,760,161	10,409,565	15,172,688	8,657,901	11,859,219	13,846,600	14,788,756
Minerals products	5,023,898	6,880,847	8,986,273	9,486,191	14,115,702	8,036,481	10,632,209	12,128,261	12,750,498
Chemicals	461,379	485,026	666,347	793,677	948,679	557,742	1,074,174	1,478,212	1,625,009
Plastics and articles thereof	52,434	49,703	53,806	60,425	46,339	41,395	108,031	203,054	330,090
Basic Metals and articles thereof	18,703	18,933	51,443	66,061	54,598	17,072	37,518	31,897	77,768
Others	2,536	2,739	2,292	3,211	7,370	5,211	7,287	5,176	5,391

## F. Australia

Unit: US\$ 1,000

Item	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total	3,429,629	4,726,427	5,349,481	6,122,116	8,270,644	5,965,881	8,921,390	10,907,287	9,287,909
Raw cotton	5,316	9,514	9,343	2,175	1,903	1,148	14,345	28,725	12,246
Minerals products	1,431,681	2,595,076	2,632,382	3,280,658	5,327,300	4,237,449	6,280,585	8,014,523	6,920,226
Prepared Foodstuffs	86,576	137,010	160,046	109,651	74,714	58,571	140,390	79,593	65,832
Vegetable products	85,707	91,470	85,788	45,467	148,902	128,659	155,256	195,099	207,030
Chemicals	167,022	176,205	189,180	213,122	252,810	163,030	187,058	203,820	191,207
Basic metals & articles thereof	1,073,662	1,122,358	1,674,593	1,854,759	1,813,424	866,450	1,491,893	1,598,409	1,106,765
Others	579,665	594,794	598,149	616,284	651,591	510,574	651,863	787,118	784,603

## **12. EXTERNAL RESOURCES AND OUTWARD INVESTMENT**



## 12-1. Direct Foreign Debt of Central Government (1)

*As of September 15, 2011*

Item	Amount per Agreement	Amount of Disbursement	Principal Repaid	Outstanding Balance
Total of Loans (in US\$1,000):	0	0	0	0
Principal Direct Obligations:				
International Development Association (US\$1,000)	0	0	0	0

(1) Taiwan repaid all outstanding direct foreign debt of central government on September 15, 2011.

Source: The data are provided by the Ministry of Finance, R.O.C.

12-2. Approved Investment in Taiwan from Overseas Chinese, Foreign Nationals, and Mainland Chinese

Unit: US\$1,000

Period	Total		Overseas Chinese		Foreign Nationals		Mainland China	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2012)	33,271	121,948,000	3,012	4,129,510	29,917	117,314,856	342	503,634
1952	5	1,067	5	1,067	0	0	-	-
1955	5	4,599	3	176	2	4,423	-	-
1960	14	15,473	6	1,135	8	14,338	-	-
1965	66	41,610	30	6,470	36	35,140	-	-
1970	151	139,866	80	29,733	71	110,133	-	-
1975	87	130,175	44	47,235	43	82,940	-	-
1980	110	465,964	39	222,584	71	243,380	-	-
1985	174	702,459	67	41,757	107	660,702	-	-
1987	480	1,418,796	117	195,727	363	1,223,069	-	-
1988	527	1,182,538	89	121,377	438	1,061,161	-	-
1989	547	2,418,299	70	177,273	477	2,241,026	-	-
1990	461	2,301,772	85	220,115	376	2,081,657	-	-
1991	389	1,778,419	65	219,462	324	1,558,957	-	-
1992	411	1,461,374	73	312,146	338	1,149,228	-	-
1993	323	1,213,476	62	123,501	261	1,089,975	-	-
1994	389	1,630,717	57	106,790	332	1,523,927	-	-
1995	413	2,925,340	43	168,554	370	2,756,786	-	-
1996	500	2,460,836	52	170,451	448	2,290,385	-	-
1997	683	4,266,629	44	387,463	639	3,879,166	-	-
1998	1,140	3,738,758	81	184,721	1,059	3,554,037	-	-
1999	1,089	4,231,404	36	132,380	1,053	4,099,024	-	-
2000	1,410	7,607,755	40	50,383	1,370	7,557,372	-	-
2001	1,178	5,128,518	33	47,223	1,145	5,081,295	-	-
2002	1,142	3,271,749	25	44,958	1,117	3,226,791	-	-
2003	1,078	3,575,674	22	14,917	1,056	3,560,757	-	-
2004	1,149	3,952,148	19	13,739	1,130	3,938,408	-	-
2005	1,131	4,228,068	12	10,318	1,119	4,217,750	-	-
2006	1,846	13,969,247	30	45,264	1,816	13,923,983	-	-
2007	2,267	15,361,173	29	20,949	2,238	15,340,224	-	-
2008	1,845	8,237,114	17	33,680	1,828	8,203,435	-	-
2009	1,734	4,835,377	15	8,898	1,696	4,788,993	23	37,486
2010	2,121	3,905,910	22	12,886	2,020	3,798,680	79	94,345
2011	2,385	4,999,171	19	51,533	2,264	4,903,901	102	43,736
2012	2,876	5,887,048	34	11,662	2,704	5,547,319	138	328,067

Source: Investment Commission, Ministry of Economic Affairs, R.O.C., *Statistics on Overseas Chinese & Foreign Investment, investment from the Mainland China Area, Outward Investment, and Investment to the Mainland China Area*, March 2013.

12-3. Approved Investment in Taiwan from Overseas Chinese by Area

Unit: US\$1,000

Period	Total		Hong Kong		Japan		Philippines		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2012)	3,012	4,129,510	1,357	1,059,548	250	195,004	196	1,135,424	1,209	1,739,533
1952	5	1,067	5	1,067	0	0	0	0	0	0
1955	3	176	1	30	1	141	0	0	1	5
1960	6	1,135	4	714	0	194	0	0	2	227
1965	30	6,470	19	2,707	2	304	4	2,138	5	1,321
1970	80	29,733	51	8,343	10	1,243	8	7,747	11	12,400
1975	44	47,235	21	29,532	6	2,969	6	5,996	11	8,738
1980	39	222,584	15	17,949	3	3,061	1	7,745	20	193,829
1985	67	41,757	23	11,216	3	888	5	15,572	36	14,081
1987	117	195,727	40	100,960	6	32,998	6	8,497	65	53,272
1988	89	121,377	30	41,890	6	13,070	5	13,327	48	53,090
1989	70	177,273	24	71,758	4	27,000	1	15,524	41	62,991
1990	85	220,115	32	47,111	5	12,146	3	91,806	45	69,052
1991	65	219,462	29	27,319	4	9,066	3	106,367	29	76,710
1992	73	312,146	32	51,189	3	3,399	1	72,355	37	185,203
1993	62	123,501	27	25,760	1	5,462	0	49,398	34	42,881
1994	57	106,790	21	27,009	2	4,788	0	30,734	34	44,259
1995	43	168,554	17	47,701	1	3,404	3	82,708	22	34,741
1996	52	170,451	32	34,848	0	432	0	116,504	20	18,667
1997	44	387,463	22	73,521	3	2,964	1	260,832	18	50,146
1998	81	184,721	4	18,763	6	4,306	2	70,389	69	91,263
1999	36	132,380	6	85,986	1	5,693	3	5,690	26	35,011
2000	40	50,383	5	27,322	5	2,544	0	236	30	20,281
2001	33	47,223	4	17,943	1	133	0	357	28	28,791
2002	25	44,958	3	1,418	2	567	2	406	18	42,566
2003	22	14,917	4	3,685	0	384	0	70	18	10,778
2004	19	13,739	5	2,595	1	413	1	363	12	10,369
2005	12	10,318	0	653	1	1,235	1	277	10	8,153
2006	30	45,264	0	4,637	6	3,218	4	5,016	20	32,393
2007	29	20,949	1	679	2	3,080	1	1,115	25	16,074
2008	17	33,680	0	1,741	2	3,861	1	13,135	14	14,943
2009	15	8,898	1	550	0	0	0	1,819	14	6,528
2010	22	12,886	0	2,953	2	510	1	1,904	19	7,519
2011	19	51,533	0	23	2	164	0	562	17	50,785
2012	34	11,662	0	45	0	65	1	1,261	33	10,291

Source: See Table 12-2.

12-4. Approved Investment in Taiwan from Foreign Nationals by Area

Unit: US\$1,000

Period	Total		U.S.A.		Japan		Europe		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2012)	29,917	117,314,856	4,561	21,901,913	7,260	17,116,500	2,997	31,941,230	15,099	46,355,213
1952	0	0	0	0	0	0	0	0	0	0
1955	2	4,423	2	4,423	0	0	0	0	0	0
1960	8	14,338	5	14,029	3	309	0	0	0	0
1965	36	35,140	17	31,104	14	2,081	1	43	4	1,912
1970	71	110,133	16	68,783	51	28,531	4	11,694	0	1,125
1975	43	82,940	12	41,857	22	23,234	2	4,193	7	13,656
1980	71	243,380	15	110,093	35	86,081	11	14,428	10	32,778
1985	107	660,702	42	332,760	32	145,236	12	100,010	21	82,696
1987	363	1,223,069	74	414,061	207	399,240	37	214,322	45	195,446
1988	438	1,061,161	60	134,726	212	431,867	64	96,574	102	397,994
1989	477	2,241,026	54	343,003	233	640,552	58	314,438	132	943,033
1990	376	2,081,657	61	540,366	179	826,801	49	282,681	87	431,809
1991	324	1,558,957	61	587,662	138	526,183	42	161,421	83	283,691
1992	338	1,149,228	71	183,820	117	417,777	44	164,963	106	382,668
1993	261	1,089,975	51	207,970	88	272,512	38	209,821	84	399,672
1994	332	1,523,927	52	293,710	115	391,001	40	243,590	125	595,626
1995	370	2,756,786	67	1,275,623	157	569,414	39	334,887	107	576,862
1996	448	2,290,385	63	474,016	171	545,344	55	199,961	159	1,071,064
1997	639	3,879,166	104	454,319	166	851,139	80	405,812	289	2,167,896
1998	1,059	3,554,037	208	867,198	228	535,371	131	367,416	492	1,784,052
1999	1,053	4,099,024	207	1,114,693	230	508,434	109	460,175	507	2,015,722
2000	1,370	7,557,372	206	1,315,518	312	730,325	130	1,213,388	722	4,298,141
2001	1,145	5,081,295	147	915,597	241	684,724	129	1,184,003	628	2,296,970
2002	1,117	3,226,791	152	573,646	211	608,106	120	612,317	634	1,432,722
2003	1,056	3,560,757	153	678,091	203	725,689	90	643,932	610	1,513,045
2004	1,130	3,938,408	157	352,312	227	826,517	118	964,618	628	1,794,962
2005	1,119	4,217,750	133	799,230	213	723,164	122	684,833	651	2,010,522
2006	1,816	13,923,983	266	857,378	307	1,587,874	199	7,509,586	1,044	3,969,145
2007	2,238	15,340,224	293	3,138,438	356	996,553	236	7,096,351	1,353	4,108,882
2008	1,828	8,203,435	275	2,848,297	298	435,806	195	2,139,358	1,060	2,779,975
2009	1,696	4,788,993	277	260,599	266	238,961	136	2,085,094	1,017	2,204,338
2010	2,020	3,798,680	228	315,394	338	399,984	174	1,230,653	1,280	1,852,648
2011	2,264	4,903,901	295	689,764	439	444,703	183	715,806	1,347	3,053,628
2012	2,704	5,547,319	285	401,957	619	414,265	238	1,721,532	1,562	3,009,565

## 12-5. Approved Investment in Taiwan from Overseas Chinese and Foreign Nationals by Industry

(1952-2012)

Unit: US\$1,000

Industry	Total		Overseas Chinese		Foreign	
	Cases	Amount	Cases	Amount	Cases	Amount
Total	32,929	121,444,366	3,012	4,129,510	29,917	117,314,856
1. Agriculture, Forestry, Fishery and Animal Husbandry	144	151,581	73	28,057	71	123,525
2. Food, Beverage, and Tobacco Manufacturing	698	1,912,571	125	74,065	573	1,838,506
3. Textile Mills	212	802,450	76	225,997	136	576,453
4. Chemicals	899	5,428,497	120	107,752	779	5,320,745
5. Rubber and Plastic Products Manufacturing	522	1,147,069	151	63,666	371	1,083,403
6. Non-metallic Mineral Products Manufacturing	335	3,806,286	104	299,319	231	3,506,967
7. Basic Metal and Fabricated Metal Manufacturing	1,105	4,634,672	114	132,758	991	4,501,914
8. Machinery and Equipment Manufacturing	1,156	2,523,686	80	65,392	1,076	2,458,294
9. Electronic Parts and Components Manufacturing	2,306	17,247,460	26	16,875	2,280	17,230,585
10. Computer, Electronic and Optical Products	1,569	6,392,428	36	57,612	1,533	6,334,815
11. Electrical Equipment Manufacturing	1,357	5,898,236	178	161,295	1,179	5,736,942
12. Construction	850	1,597,520	171	142,997	679	1,454,523
13. Wholesale and Retail Trade	8,965	11,927,466	264	87,452	8,701	11,840,014
14. Transportation and Storage	509	1,519,549	98	200,127	411	1,319,421
15. Accommodation and Food Services	1,845	1,929,616	463	120,864	1,382	1,808,752
16. Information and Communications	1,354	6,080,421	31	61,130	1,323	6,019,291
17. Finance, Insurance and Real Estate	3,342	35,456,649	134	1,419,089	3,208	34,037,560
18. Professional, Scientific and Technical Services	2,225	5,337,304	283	599,759	1,942	4,737,545
19. Others	3,536	7,650,906	485	265,303	3,051	7,385,602

Source: See Table 12-2.

12-6. Approved Outward Investment by Area

Unit: US\$1,000

Period	Total		Americas		Asia		Europe		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2012)	13,476	77,393,053	7,744	42,960,203	4,305	28,768,248	704	2,873,762	749	2,862,328
1952	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0
1965	7	971	0	0	7	971	0	0	0	0
1970	5	527	0	0	5	527	0	0	0	0
1975	5	2,419	0	854	5	1,565	0	0	0	0
1980	17	42,105	8	35,130	6	3,170	1	1,000	2	2,805
1985	23	41,334	16	35,830	6	4,206	0	891	1	407
1987	45	102,751	23	80,250	21	21,302	1	199	0	1,000
1988	110	218,736	44	130,335	48	69,299	15	12,005	3	7,097
1989	153	930,986	65	624,431	80	296,340	7	2,365	1	7,850
1990	315	1,552,206	137	838,711	154	602,910	21	96,176	3	14,409
1991	365	1,656,231	154	658,958	176	929,819	29	60,490	6	6,964
1992	300	887,259	100	449,096	156	369,929	36	45,933	8	22,301
1993	326	1,661,046	115	740,110	182	663,715	26	255,823	3	1,398
1994	324	1,616,844	129	988,336	170	559,471	21	22,289	4	46,748
1995	339	1,356,878	134	787,105	175	467,721	16	59,890	14	42,162
1996	470	2,165,404	245	1,442,953	197	661,717	15	21,375	13	39,359
1997	759	2,893,826	521	1,915,948	204	818,743	26	131,235	8	27,900
1998	896	3,296,302	609	2,636,946	225	580,819	51	33,903	11	44,634
1999	774	3,269,013	555	2,267,710	153	836,378	49	82,382	17	82,543
2000	1,391	5,077,062	1,094	3,946,021	222	851,065	46	125,432	29	154,544
2001	1,387	4,391,654	1,080	3,460,901	221	814,981	45	46,870	41	68,902
2002	925	3,370,046	654	2,475,574	183	530,055	31	154,416	57	210,001
2003	714	3,968,588	402	2,731,271	188	1,063,915	40	76,724	84	96,678
2004	658	3,382,022	372	1,881,380	183	1,275,089	35	61,913	68	163,640
2005	521	2,447,449	263	1,618,228	168	430,673	33	299,314	57	99,234
2006	478	4,315,426	236	2,336,558	175	1,390,621	31	463,800	36	124,447
2007	464	6,469,978	207	3,162,956	167	2,366,606	20	418,200	70	522,216
2008	387	4,466,491	140	2,116,235	156	2,046,998	35	137,688	56	165,571
2009	251	3,005,554	89	1,959,069	117	765,457	16	99,541	29	181,487
2010	247	2,823,451	84	1,290,803	118	1,391,363	13	50,603	32	90,682
2011	306	3,696,827	110	1,781,012	140	1,723,918	14	39,251	42	152,646
2012	321	8,098,641	88	468,700	192	7,151,518	26	71,488	15	406,935

12-7. Approved Outward Investment by Industry  
(1952-2012)

Unit: US\$1,000

Industry	Cases	Amount
Total	13,476	77,393,053
1. Agriculture, Forestry, Fishery and Animal Husbandry	47	82,132
2. Food, Beverage, and Tobacco Manufacturing	153	555,579
3. Textile Mills	297	2,399,144
4. Chemicals	582	2,100,994
5. Rubber and Plastic Products Manufacturing	222	1,671,432
6. Non-metallic Mineral Products Manufacturing	196	1,097,862
7. Basic Metal and Fabricated Metal Manufacturing	200	2,823,839
8. Machinery and Equipment Manufacturing	183	513,328
9. Electronic Parts and Components Manufacturing	1,664	8,987,852
10. Computer, Electronic and Optical Products	1,347	3,094,559
11. Electrical Equipment Manufacturing	287	848,919
12. Construction	62	139,764
13. Wholesale and Retail Trade	2,208	5,677,958
14. Transportation and Storage	132	2,298,534
15. Accommodation and Food Services	30	122,138
16. Information and Communications	1,487	2,400,057
17. Finance, Insurance and Real Estate	2,274	36,525,845
18. Professional, Scientific and Technical Services	262	323,544
19. Others	1,843	5,729,572

Source: See Table 12-2.

## 12-8a. Principal Statistics on Approved Investment in Mainland China

(By Industry)

Unit: US\$1,000

Period	Total		Agriculture, Forestry, Fishery and Animal Husbandry		Food, Beverage, and Tobacco Manufacturing		Textile Mills, Wearing Apparel and Clothing Accessories Manufacturing		Chemical Material and Chemical Products Manufacturing		Plastic and Rubber Products Manufacturing	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1991-2012)	40,208	124,489,623	553	286,356	2,679	3,473,627	2,415	3,167,271	2,056	7,174,162	2,750	6,446,440
1991	237	174,158	0	0	19	19,308	31	26,823	8	2,907	48	49,007
1992	264	246,992	0	0	27	46,415	40	31,757	15	11,700	29	43,000
1993	9,329	3,168,411	152	29,568	791	324,555	900	280,068	527	159,360	683	295,168
1994	934	962,209	13	9,464	73	145,846	68	66,938	78	86,234	74	81,518
1995	490	1,092,713	4	2,149	32	117,447	38	80,701	28	86,566	33	97,399
1996	383	1,229,241	3	7,100	30	121,702	25	107,181	23	91,604	32	85,475
1997	8,725	4,334,313	210	48,646	1,151	333,073	579	275,306	513	212,539	674	388,817
1998	1,284	2,034,621	24	21,025	57	70,045	70	140,673	79	132,499	80	122,339
1999	488	1,252,780	5	4,629	19	58,250	19	40,406	33	138,705	28	105,470
2000	840	2,607,142	6	5,752	10	43,253	26	57,192	30	105,578	50	193,310
2001	1,186	2,784,147	6	10,389	26	58,420	42	91,799	37	154,214	78	214,511
2002	3,116	6,723,058	47	28,670	93	152,939	126	203,063	192	456,091	215	520,764
2003	3,875	7,698,784	54	37,270	105	353,050	190	407,793	199	568,553	294	486,929
2004	2,004	6,940,663	5	3,722	34	89,594	70	195,759	79	435,700	105	364,607
2005	1,297	6,006,953	4	7,893	28	53,430	56	188,853	57	359,399	53	356,874
2006	1,090	7,642,335	3	8,960	20	99,708	41	165,292	47	538,270	59	283,664
2007	996	9,970,545	8	17,104	14	71,648	35	160,771	9	249,254	62	681,808
2008	643	10,691,390	4	15,558	24	240,222	8	130,871	13	474,679	28	511,336
2009	590	7,142,593	0	7,188	42	365,671	14	117,335	18	291,570	23	362,273
2010	914	14,617,872	1	7,558	49	220,755	16	190,978	12	244,732	46	485,187
2011	887	14,376,624	1	4,478	19	266,452	10	113,333	41	1,035,727	34	441,338
2012	636	12,792,077	3	9,234	16	221,844	11	94,378	18	1,338,280	22	275,646

Source: See Table 12-2.

## 12-8b. Principal Statistics on Approved Investment in Mainland China (Continued)

(By Industry)

Unit: US\$1,000

Period	Non-metallic Mineral Products Manufacturing		Basic Metal Industries and Fabricated Metal Products Manufacturing		Machinery and Equipment Manufacturing		Electronic Parts and Components Manufacturing		Computers, Electronic and Optical Products Manufacturing		Electrical Equipment Manufacturing	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1991-2012)	1,588	5,064,584	3,284	8,935,565	2,024	5,069,324	2,709	24,483,552	2,776	17,197,314	3,088	9,319,595
1991	12	5,714	13	9,319	9	8,588	12	4,995	15	13,926	15	12,647
1992	9	4,476	19	9,164	4	5,546	1	1,528	22	11,269	14	23,060
1993	413	185,438	759	249,761	303	86,346	285	110,666	459	140,821	630	234,776
1994	37	82,607	77	86,578	57	49,023	35	40,769	54	48,264	72	74,714
1995	19	47,016	48	116,403	21	45,008	21	101,889	32	55,175	40	71,285
1996	12	35,940	36	126,723	23	54,894	20	88,429	22	115,059	31	85,695
1997	570	383,641	739	388,600	424	202,660	369	283,525	411	313,645	544	314,595
1998	65	87,872	117	131,326	88	118,900	73	281,402	107	341,687	142	160,820
1999	14	33,752	29	104,984	27	44,081	51	154,029	70	271,529	77	118,817
2000	8	83,524	94	179,726	38	72,545	104	412,348	137	698,776	133	427,457
2001	15	106,981	117	191,250	73	130,442	191	600,559	129	492,948	86	265,078
2002	93	214,841	249	619,153	200	286,238	209	1,087,523	341	1,062,716	319	629,683
2003	121	451,416	341	708,592	245	328,088	201	815,821	318	976,452	361	742,074
2004	47	421,313	131	714,526	129	213,734	121	1,482,225	194	1,139,980	159	593,254
2005	23	179,576	122	633,922	99	352,940	62	850,106	140	1,243,497	125	560,706
2006	23	386,827	91	620,432	75	214,726	94	1,618,566	111	1,472,132	105	664,726
2007	23	231,452	84	827,332	56	504,199	197	2,426,286	43	1,688,385	47	1,047,009
2008	14	223,749	34	1,025,837	20	473,594	169	2,051,917	25	1,783,302	23	1,065,871
2009	11	194,146	38	309,967	32	394,518	123	1,801,294	18	1,019,404	25	462,680
2010	24	791,772	47	744,193	31	502,675	164	4,854,424	39	1,235,374	54	682,822
2011	29	555,177	60	690,863	34	534,324	149	3,467,195	53	1,550,552	48	644,248
2012	6	357,355	39	446,913	36	446,256	58	1,948,057	36	1,522,422	38	437,579

## 12-8c. Principal Statistics on Approved Investment in Mainland China (Continued)

(By Industry)

Unit: US\$1,000

Period	Wholesale and Retail Trade		Transportation and Storage		Information and Communication		Finance, Insurance and Real Estate		Professional, Scientific and Technical Services		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1991-2012)	2,605	6,950,371	252	750,063	893	1,857,843	439	7,544,629	645	1,271,287	9,452	15,497,639
1991	1	200	0	0	0	0	0	0	0	0	54	20,724
1992	0	0	0	0	0	0	0	0	0	0	84	59,077
1993	170	70,755	35	4,992	15	3,340	18	4,046	58	7,667	3,131	981,084
1994	31	21,136	8	14,650	5	2,558	1	28	20	3,295	231	148,587
1995	32	56,190	6	14,212	4	1,475	1	100	7	2,321	124	197,377
1996	23	30,285	5	16,440	2	11,200	7	16,675	5	3,008	84	231,831
1997	287	124,902	15	30,283	26	4,601	39	67,755	93	8,473	2,081	953,252
1998	47	85,370	2	11,524	18	9,871	6	1,701	12	21,119	297	296,448
1999	26	19,748	5	8,049	12	7,347	3	19,435	7	2,103	63	121,446
2000	45	57,916	3	9,401	46	53,491	0	0	14	7,670	96	199,203
2001	110	117,211	8	16,512	106	55,077	17	3,512	19	6,713	126	268,531
2002	199	146,957	14	68,086	132	88,028	29	71,649	73	43,443	585	1,043,214
2003	255	175,404	30	25,597	86	65,402	90	279,616	71	18,507	914	1,258,220
2004	320	183,070	27	20,972	97	51,222	29	85,615	52	47,709	405	897,661
2005	143	274,288	14	99,039	79	106,252	19	48,363	50	25,519	223	666,296
2006	150	312,778	15	104,781	43	81,166	12	102,237	18	123,672	183	844,399
2007	138	411,902	8	36,136	62	151,269	17	131,595	20	58,497	173	1,275,898
2008	72	499,106	8	57,527	58	324,465	7	284,583	17	224,058	119	1,304,716
2009	82	743,150	9	31,210	27	106,845	4	65,917	8	17,011	116	852,415
2010	166	1,115,494	8	23,076	32	333,066	50	1,628,660	33	200,225	142	1,356,881
2011	149	1,232,720	11	94,265	23	282,532	46	1,669,426	44	175,290	136	1,618,704
2012	159	1,271,788	21	63,310	20	118,636	44	3,063,717	24	274,987	85	901,675

## **13. EDUCATION**



13-1. Number of Schools, Personnel, Classes and Students

School Year	Number of Schools	Number of Personnel	Number of Classes	Number of Students
1955-56	2,165	49,666	30,519	1,535,455
1960-61	2,961	76,993	46,958	2,375,328
1965-66	3,371	101,674	61,298	3,117,397
1970-71	4,036	137,844	80,637	3,991,574
1975-76	4,540	167,459	92,428	4,449,009
1980-81	5,097	193,722	102,468	4,597,765
1985-86	6,285	219,889	112,901	4,942,310
1987-88	6,628	230,752	118,040	5,123,742
1988-89	6,698	233,980	120,640	5,197,002
1989-90	6,740	240,955	122,538	5,212,521
1990-91	6,743	246,220	124,613	5,279,864
1991-92	6,787	253,772	126,929	5,323,715
1992-93	6,797	258,240	128,548	5,326,519
1993-94	6,909	263,123	129,674	5,316,947
1994-95	7,062	269,911	131,185	5,274,350
1995-96	7,224	279,032	134,126	5,226,219
1996-97	7,357	285,743	136,621	5,191,219
1997-98	7,562	290,997	139,260	5,195,241
1998-99	7,731	297,950	143,261	5,215,773
1999-2000	7,915	305,681	145,975	5,241,641
2000-01	8,071	313,293	149,709	5,303,001
2001-02	8,158	317,715	152,110	5,354,091
2002-03	8,222	319,286	154,213	5,376,947
2003-04	8,252	321,768	156,101	5,385,135
2004-05	8,184	321,658	156,865	5,372,346
2005-06	8,287	324,690	157,643	5,319,364
2006-07	8,254	323,795	158,358	5,286,885
2007-08	8,202	326,026	159,450	5,243,062
2008-09	8,097	328,500	158,851	5,165,817
2009-10	8,060	328,309	157,828	5,065,962
2010-11	8,196	331,349	156,875	4,965,690
2011-12	8,100	332,640	155,792	4,860,022
2012-13	11,495	373,659	144,711	5,007,274

Note: (1)The figures in Tables 13-1 to 13-12 cover Taiwan, Kinmen and Matsu.

(2)After the "Early Childhood Education and Care Act" came into effect on January 1, 2012, kindergartens and child-care centers have been administered as preschools. Data for preschools prior to the 2011-2012 school year is only that for kindergartens.

Source: The data are provided by the Ministry of Education, R.O.C. (Taiwan).

13-2. Number of Schools by Level of Education

School Year	Total	Higher Education			Secondary Education	Primary Education	Pre-School Education	Others
		University & College	Technical College	Religious College				
1955-56	2,165	15	-	-	250	1,446	413	41
1960-61	2,961	27	-	-	363	1,843	675	53
1965-66	3,371	56	-	-	551	2,143	555	66
1970-71	4,036	92	-	-	885	2,319	570	170
1975-76	4,540	101	-	-	977	2,376	762	324
1980-81	5,097	104	-	-	1,023	2,428	1,186	356
1985-86	6,285	105	-	-	1,052	2,486	2,210	432
1988-89	6,807	109	38	71	1,063	2,478	2,548	500
1989-90	6,856	116	40	76	1,073	2,484	2,556	511
1990-91	6,864	121	45	76	1,086	2,487	2,505	544
1991-92	6,910	123	47	76	1,095	2,495	2,495	579
1992-93	6,921	124	47	77	1,101	2,492	2,420	660
1993-94	7,034	125	48	77	1,107	2,505	2,435	737
1994-95	7,192	130	52	78	1,113	2,517	2,484	818
1995-96	7,358	134	53	81	1,123	2,523	2,581	863
1996-97	7,494	137	57	80	1,138	2,519	2,660	903
1997-98	7,701	139	58	81	1,151	2,540	2,777	955
1998-99	7,868	137	58	79	1,158	2,557	2,874	1,005
1999-2000	8,056	141	58	83	1,171	2,583	3,005	1,015
2000-01	8,221	150	65	85	1,174	2,600	3,150	997
2001-02	8,312	154	68	86	1,181	2,611	3,234	978
2002-03	8,376	154	68	86	1,188	2,627	3,275	978
2003-04	8,410	158	70	88	1,192	2,638	3,306	958
2004-05	8,343	159	70	89	1,196	2,646	3,252	931
2005-06	8,449	162	70	92	1,203	2,655	3,351	916
2006-07	8,417	163	70	93	1,210	2,651	3,329	901
2007-08	8,366	164	71	93	1,216	2,651	3,283	888
2008-09	8,259	162	69	93	1,217	2,654	3,195	869
2009-10	8,224	164	71	93	1,226	2,658	3,154	858
2010-11	8,196	165	71	92	1,231	2,661	3,283	856
2011-12	8,265	165	71	92	1,233	2,659	3,195	848
2012-13	11,660	165	71	91	1,235	2,657	6,611	827

Note: (1)From school year 2010-11, the data for higher education in Tables 13-2 to 13-12 includes that for religious studies colleges

(2)See note (2) of table 13-1.

13-3. Number of School Personnel by Level of Education (1)

Unit: Persons

School Year	Total	Higher Education		Secondary Education		Primary Education (2)		Pre-School Education	Others
		Teaching	Non-teaching	Teaching	Non-teaching	Teaching	Non-teaching		
1952-53	37,192	1,077	1,385	6,808	2,944	20,989	2,950	493	546
1955-56	49,666	1,650	1,759	10,200	3,599	27,061	3,378	1,163	856
1960-61	76,993	3,149	2,359	16,712	5,550	41,397	4,047	2,575	1,204
1965-66	101,674	5,622	3,789	26,378	6,909	53,522	1,088	2,681	1,685
1970-71	137,844	10,377	6,146	44,283	10,058	59,489	1,214	3,059	3,218
1975-76	167,459	13,606	7,497	60,384	12,552	62,803	1,407	4,733	4,477
1980-81	193,722	16,495	8,926	69,698	13,353	69,141	1,609	8,565	5,935
1985-86	219,889	20,848	10,260	76,563	14,844	72,287	2,349	17,349	5,389
1988-89	233,980	23,809	9,910	80,062	14,878	77,892	2,773	19,095	5,561
1989-90	240,955	25,581	9,166	81,986	14,884	80,849	3,086	19,114	6,289
1990-91	246,220	27,579	9,542	84,260	15,031	82,583	3,247	19,032	4,946
1991-92	253,772	29,444	9,796	87,206	15,301	84,304	3,510	19,148	5,063
1992-93	258,240	31,430	9,827	89,071	15,834	84,052	3,862	18,980	5,184
1993-94	263,123	33,392	10,193	91,711	15,924	83,480	4,331	18,764	5,328
1994-95	269,911	35,163	10,555	93,617	16,330	84,150	4,859	19,470	5,767
1995-96	279,032	36,348	11,009	96,222	16,556	87,934	5,076	19,911	5,976
1996-97	285,743	37,779	11,634	98,437	16,756	90,127	5,095	19,805	6,110
1997-98	290,997	38,806	12,133	99,411	16,986	92,104	5,308	20,019	6,230
1998-99	297,950	40,149	13,172	98,857	17,194	95,029	5,323	21,750	6,476
1999-2000	305,681	41,949	14,176	98,709	17,402	98,745	6,056	22,297	6,347
2000-01	313,293	43,391	15,068	98,677	17,539	101,581	6,277	24,482	6,278
2001-02	317,715	44,769	15,595	98,609	17,590	103,501	7,114	24,222	6,315
2002-03	319,286	46,042	16,469	97,710	17,111	104,300	6,909	24,453	6,292
2003-04	321,768	47,472	17,401	97,738	17,105	103,803	7,018	25,228	6,003
2004-05	321,658	48,649	17,858	97,432	16,933	102,882	7,081	25,066	5,757
2005-06	324,690	49,601	18,701	98,499	17,019	101,662	7,558	26,086	5,564
2006-07	323,795	50,388	19,408	100,498	17,007	100,692	7,304	23,728	4,770
2007-08	326,026	51,128	20,385	102,333	16,907	101,360	7,349	21,847	4,717
2008-09	328,500	51,501	23,041	103,006	17,076	100,206	7,489	21,393	4,788
2009-10	328,309	50,658	23,794	104,064	17,234	99,155	7,681	20,911	4,812
2010-11	331,349	50,710	27,292	105,128	17,334	99,562	7,925	18,660	4,738
2011-12	332,640	50,353	29,834	104,583	17,111	98,559	8,046	19,456	4,698
2012-13	373,659	50,184	30,469	106,205	17,156	97,536	8,307	59,125	4,677

Note:(1)Since 1961-62, school principals and directors of school affairs have been classified as teachers.

(2)See note (2) of table 13-1.

Source: See Table 13-1.

13-4. Number of Classes by Level of Education

Unit: Classes

School Year	Total	Higher Education			Secondary Education	Primary Education	Pre-School Education	Others	
		Graduate School	Bachelor Program	Junior College					
1952-53	22,938	288	4	220	64	3,029	18,833	601	187
1955-56	30,519	550	21	431	98	4,456	24,127	1,039	347
1960-61	46,958	1,124	69	858	197	7,509	35,944	1,883	498
1965-66	61,298	2,270	139	1,454	677	13,049	43,338	1,833	808
1970-71	80,637	4,829	279	2,149	2,401	23,144	48,404	2,075	2,185
1975-76	92,428	6,789	493	3,059	3,237	30,324	49,322	2,796	3,197
1980-81	102,468	7,688	666	3,338	3,684	34,408	50,345	4,592	5,435
1985-86	112,901	9,199	812	3,710	4,677	36,703	52,732	7,668	6,599
1988-89	120,640	10,568	1,014	4,180	5,374	38,351	55,896	8,366	7,459
1989-90	122,538	11,441	1,101	4,454	5,886	39,501	56,315	8,121	7,160
1990-91	124,613	12,361	1,192	4,782	6,387	40,519	56,120	8,112	7,501
1991-92	126,929	13,157	1,339	5,072	6,746	41,579	56,009	8,304	7,880
1992-93	128,548	14,113	1,506	5,501	7,106	42,347	55,384	8,354	8,350
1993-94	129,674	14,959	1,692	5,855	7,412	43,292	54,310	8,524	8,589
1994-95	131,185	15,711	1,852	6,264	7,595	43,937	54,092	8,472	8,973
1995-96	134,126	16,317	1,939	6,518	7,860	44,606	55,554	8,645	9,004
1996-97	136,621	17,206	2,137	6,938	8,131	45,142	56,627	8,719	8,927
1997-98	139,260	18,209	2,250	7,428	8,531	45,387	57,645	8,747	9,272
1998-99	143,261	19,270	2,441	8,008	8,821	44,966	59,869	9,455	9,701
1999-2000	145,975	20,793	2,934	8,940	8,919	44,823	61,265	9,514	9,580
2000-01	149,709	22,912	3,607	10,592	8,713	44,761	62,443	10,034	9,559
2001-02	152,110	24,974	4,210	12,688	8,076	44,755	63,172	10,144	9,065
2002-03	154,213	26,859	4,855	14,892	7,112	44,626	63,679	10,233	8,816
2003-04	156,101	28,825	5,819	16,796	6,210	44,417	64,006	10,417	8,436
2004-05	156,865	30,290	6,553	18,593	5,144	44,648	63,447	10,229	8,251
2005-06	157,643	31,254	7,152	20,044	4,058	45,155	62,634	10,713	7,887
2006-07	158,358	32,184	7,708	20,992	3,484	45,880	62,011	10,282	8,001
2007-08	159,450	33,076	8,365	21,640	3,071	46,469	61,655	10,173	8,077
2008-09	158,851	33,829	9,020	22,081	2,728	46,677	60,630	9,820	7,895
2009-10	157,828	34,040	9,284	22,218	2,538	46,956	59,478	9,602	7,752
2010-11	156,875	34,208	9,309	22,489	2,410	46,966	58,652	9,492	7,557
2011-12	155,792	34,607	9,477	22,774	2,356	46,605	57,986	9,335	7,259
2012-13	144,711	34,881	9,575	22,953	2,353	46,508	56,399	...	6,923

See note (1) of table 13-2.

Source: See Table 13-1.

13-5a. Number of Students by Level of Education

School Year	Total	Higher Education			Secondary Education	Primary Education	Pre-School Education	Others	
		Graduate School	Bachelor Program	Junior College					
I. Number of Students (persons)									
1952-53	1,187,858	10,037	13	6,853	3,171	139,388	1,003,304	28,531	6,598
1955-56	1,535,455	18,174	169	13,460	4,545	213,540	1,244,029	46,390	13,322
1960-61	2,375,328	35,060	437	26,735	7,888	355,274	1,888,783	79,702	16,509
1965-66	3,117,397	85,346	993	54,819	29,534	663,753	2,257,720	78,878	31,700
1970-71	3,991,574	203,473	2,295	92,850	108,328	1,154,589	2,445,405	91,984	96,123
1975-76	4,449,009	289,435	3,912	135,297	150,226	1,505,993	2,364,961	117,990	170,630
1980-81	4,597,765	342,528	6,306	153,088	183,134	1,605,567	2,233,706	178,216	237,748
1985-86	4,942,310	428,576	12,418	179,334	236,824	1,678,767	2,321,700	234,674	278,593
1988-89	5,197,002	496,530	17,341	207,479	271,710	1,742,116	2,407,166	248,498	302,692
1989-90	5,212,521	535,064	19,549	222,311	293,204	1,767,835	2,384,801	242,785	282,036
1990-91	5,279,864	576,623	22,372	239,082	315,169	1,818,301	2,354,113	237,285	293,542
1991-92	5,323,715	612,376	26,787	253,462	332,127	1,870,315	2,293,444	235,099	312,481
1992-93	5,326,519	653,162	31,271	273,088	348,803	1,909,625	2,200,968	231,124	331,640
1993-94	5,316,947	689,185	35,830	285,982	367,373	1,941,241	2,111,037	237,779	337,705
1994-95	5,274,350	720,180	39,227	302,093	378,860	1,947,022	2,032,361	235,150	339,637
1995-96	5,226,219	751,347	42,097	314,499	394,751	1,935,613	1,971,439	240,368	327,452
1996-97	5,191,219	795,547	44,873	337,837	412,837	1,908,935	1,934,756	235,830	316,151
1997-98	5,195,241	856,186	48,619	373,702	433,865	1,874,747	1,905,690	230,781	327,837
1998-99	5,215,773	915,921	53,870	409,705	452,346	1,814,202	1,910,681	238,787	336,182
1999-2000	5,241,641	994,283	67,233	470,030	457,020	1,756,034	1,927,179	232,610	331,535
2000-01	5,303,001	1,092,102	83,861	564,059	444,182	1,713,489	1,925,981	243,090	328,339
2001-02	5,354,091	1,187,225	103,213	677,171	406,841	1,684,449	1,925,491	246,303	310,623
2002-03	5,376,947	1,240,292	122,130	770,915	347,247	1,679,959	1,918,034	241,180	297,482
2003-04	5,385,135	1,270,194	143,567	837,602	289,025	1,676,970	1,913,000	240,926	284,045
2004-05	5,372,346	1,285,867	160,401	894,528	230,938	1,692,721	1,883,533	237,155	273,070
2005-06	5,319,364	1,296,558	177,024	938,648	180,886	1,703,414	1,831,873	224,219	263,300
2006-07	5,286,885	1,313,993	193,424	966,591	153,978	1,707,038	1,798,393	201,815	265,646
2007-08	5,243,062	1,326,029	204,225	987,914	133,890	1,707,331	1,754,095	191,773	263,834
2008-09	5,165,817	1,337,455	213,700	1,006,102	117,653	1,704,855	1,677,439	185,668	260,400
2009-10	5,065,962	1,336,659	217,152	1,010,952	108,555	1,706,325	1,593,398	182,049	247,531
2010-11	4,965,690	1,343,723	219,252	1,021,682	102,789	1,682,958	1,519,746	183,901	235,362
2011-12	4,860,022	1,352,225	217,890	1,033,035	101,300	1,641,633	1,457,004	189,792	219,368
2012-13	5,007,274	1,355,490	215,930	1,038,136	101,424	1,617,004	1,373,375	459,653	201,752

Note: (1) See note (2) of table 13-1.

(2) See note (1) of table 13-2.

Source: See Table 13-1.

13-5b. Number of Students by Level of Education (Continued)

School Year	Total	Higher Education			Secondary Education	Primary Education	Pre-School Education	Others	
		Graduate School	Bachelor Program	Junior College					
II. Percentage of Total Population (%)									
1952-53	14.61	0.12	0.00	0.08	0.04	1.72	12.34	0.35	0.08
1955-56	16.91	0.20	0.00	0.15	0.05	2.35	13.70	0.51	0.15
1960-61	21.89	0.32	0.00	0.25	0.07	3.27	17.41	0.74	0.15
1965-66	24.55	0.67	0.01	0.43	0.23	5.23	17.78	0.62	0.25
1970-71	27.05	1.38	0.02	0.63	0.73	7.83	16.57	0.62	0.65
1975-76	27.42	1.78	0.02	0.83	0.93	9.28	14.58	0.73	1.05
1980-81	25.73	1.92	0.04	0.86	1.03	8.99	12.50	1.00	1.33
1985-86	25.59	2.22	0.06	0.93	1.23	8.69	12.02	1.22	1.44
1988-89	26.04	2.49	0.09	1.04	1.36	8.73	12.06	1.25	1.52
1989-90	25.86	2.65	0.10	1.10	1.45	8.77	11.83	1.20	1.40
1990-91	25.88	2.83	0.11	1.17	1.54	8.91	11.54	1.16	1.44
1991-92	25.84	2.97	0.13	1.23	1.61	9.08	11.13	1.14	1.52
1992-93	25.61	3.14	0.15	1.31	1.68	9.18	10.58	1.11	1.59
1993-94	25.32	3.28	0.17	1.36	1.75	9.25	10.05	1.13	1.61
1994-95	24.91	3.40	0.19	1.43	1.79	9.19	9.60	1.11	1.60
1995-96	24.47	3.52	0.20	1.47	1.85	9.06	9.23	1.13	1.53
1996-97	24.12	3.70	0.21	1.57	1.92	8.87	8.99	1.10	1.47
1997-98	23.89	3.94	0.22	1.72	2.00	8.62	8.76	1.06	1.51
1998-99	23.79	4.18	0.25	1.87	2.06	8.27	8.71	1.09	1.53
1999-2000	23.73	4.50	0.30	2.13	2.07	7.95	8.72	1.05	1.50
2000-01	23.81	4.90	0.38	2.53	1.99	7.69	8.65	1.09	1.47
2001-02	23.90	5.30	0.46	3.02	1.82	7.52	8.59	1.10	1.39
2002-03	23.88	5.51	0.54	3.42	1.54	7.46	8.52	1.07	1.32
2003-04	23.82	5.62	0.64	3.71	1.28	7.42	8.46	1.07	1.26
2004-05	23.68	5.67	0.71	3.94	1.02	7.46	8.30	1.05	1.20
2005-06	23.36	5.69	0.78	4.12	0.79	7.48	8.04	0.98	1.16
2006-07	23.11	5.74	0.85	4.23	0.67	7.46	7.86	0.88	1.16
2007-08	22.84	5.78	0.89	4.30	0.58	7.44	7.64	0.84	1.15
2008-09	22.42	5.81	0.93	4.37	0.51	7.40	7.28	0.81	1.13
2009-10	21.91	5.78	0.94	4.37	0.47	7.38	6.89	0.79	1.07
2010-11	21.44	5.80	0.95	4.41	0.44	7.27	6.56	0.79	1.02
2011-12	20.93	5.82	0.94	4.45	0.44	7.07	6.27	0.82	0.94
2012-13	21.48	5.81	0.93	4.45	0.44	6.94	5.89	1.97	0.87

13-6a. Number of Students Receiving Higher Education by Discipline (1)

Unit: Persons

School Year	Total	Hu-manities	Edu-cation	Agriculture, Forestry & Fishery	Law & Jurisprudence	Social & Behavioral Sciences	Natural Sciences	Engineering	Medical Science	Fine Arts
1984-85	412,381	29,630	23,095	12,675	5,111	16,331	11,357	134,716	34,340	8,008
1985-86	428,576	30,230	24,079	13,171	5,349	16,944	11,956	140,393	35,616	8,534
1986-87	442,648	31,005	21,183	14,004	5,524	17,490	12,283	145,717	37,544	9,005
1987-88	464,664	31,628	20,106	14,630	5,840	18,229	12,813	154,251	39,767	9,578
1988-89	496,530	32,450	22,115	15,119	6,168	19,092	13,519	165,688	42,513	10,217
1989-90	535,064	33,294	25,339	15,576	6,416	20,093	14,507	179,495	46,362	10,607
1990-91	576,623	34,329	27,185	16,393	6,615	21,106	15,473	199,956	51,438	10,849
1991-92	612,376	35,426	26,511	17,188	6,907	22,104	16,428	215,505	56,006	10,815
1992-93	653,162	36,820	32,087	18,645	7,240	22,927	16,989	226,694	60,365	10,820
1993-94	689,185	37,891	33,637	19,241	7,519	23,688	17,248	237,272	64,576	10,845
1994-95	720,180	39,921	33,756	20,408	7,846	24,603	18,019	241,220	68,644	12,001
1995-96	751,347	42,826	32,947	21,288	8,227	25,272	18,080	245,655	71,092	12,650
1996-97	795,547	47,249	33,042	22,219	8,348	25,927	18,862	252,415	77,446	13,784
1997-98	856,186	54,578	32,875	23,402	8,856	27,591	20,115	260,609	84,059	15,822
1998-99	915,921	63,241	34,211	24,404	9,247	28,804	21,152	268,211	89,546	17,035
1999-2000	994,283	72,956	36,921	25,274	10,018	31,172	22,902	280,959	95,626	19,002
2000-01	1,092,102	83,596	38,510	25,942	10,951	34,159	25,037	295,317	107,611	21,721
2001-02	1,187,225	93,944	40,337	27,009	12,203	37,476	27,308	303,003	119,202	24,791
2002-03	1,240,292	102,213	41,735	27,336	13,470	40,327	29,549	297,061	125,813	28,180
2003-04	1,270,194	109,268	42,548	28,541	15,075	43,239	33,290	288,997	126,818	31,211
2004-05	1,285,867	112,454	42,778	27,159	16,568	45,227	36,465	282,935	125,750	34,095
2005-06	1,296,558	114,089	41,763	26,897	17,978	46,505	39,324	277,622	126,584	37,251
2006-07	1,313,993	117,299	36,132	26,903	19,160	49,142	42,475	275,755	127,346	41,874

(1) Since 1983-84, curricula in Taiwan's institutions of higher learning have been organized according to UNESCO standards.

Source: See Table 13-1.

13-6b. Number of Students Receiving Higher Education by Discipline (Continued)

Unit: Persons

School Year	Mass Communi- cations	Service Trade	Transpor- tation & Communi- cations	Home Economics	Archi- tecture & Urban Planning	Craft & Industry	Math. & Computer Science	Commerce & Business Adminis- tration	Others
1984-85	8,721	3,024	5,107	6,142	5,338	1,225	13,529	91,439	2,593
1985-86	8,879	3,073	5,116	6,518	5,630	1,162	14,947	94,522	2,457
1986-87	9,098	3,123	5,228	7,006	5,745	1,691	16,411	98,187	2,404
1987-88	9,408	3,224	5,360	7,574	6,187	1,691	18,472	103,411	2,495
1988-89	9,853	3,290	5,596	8,455	6,448	1,670	20,552	110,939	2,846
1989-90	10,174	3,544	6,033	9,688	6,717	1,749	22,457	119,681	3,332
1990-91	10,414	4,023	6,391	10,976	7,498	1,799	24,918	123,613	3,647
1991-92	9,650	4,432	7,015	11,277	8,670	1,641	27,608	131,272	3,921
1992-93	9,053	4,944	7,787	11,579	10,292	1,644	31,288	139,823	4,165
1993-94	8,541	5,692	8,208	12,254	11,592	1,557	35,572	149,296	4,556
1994-95	8,814	6,023	8,629	13,881	11,624	1,632	40,049	158,292	4,818
1995-96	9,707	6,705	9,130	16,567	12,688	1,007	44,563	167,993	4,950
1996-97	10,716	7,374	9,566	19,033	13,231	1,080	50,773	179,080	5,402
1997-98	11,590	9,348	10,224	22,078	14,205	1,225	58,724	194,751	6,134
1998-99	12,484	11,538	9,819	26,845	14,919	1,548	67,769	208,839	6,683
1999-2000	13,865	13,652	9,625	31,529	16,115	1,845	78,662	226,363	7,797
2000-01	15,098	16,919	9,832	36,432	17,213	2,137	91,681	251,255	8,691
2001-02	16,899	20,339	10,583	39,049	18,128	2,327	106,439	278,030	10,158
2002-03	18,490	23,395	11,636	43,423	17,885	2,098	119,760	286,830	11,091
2003-04	20,753	25,866	12,725	45,725	17,812	1,661	128,633	285,486	12,546
2004-05	22,478	28,363	12,872	46,661	17,565	1,467	135,080	283,407	14,543
2005-06	24,002	31,774	13,462	48,135	17,544	1,324	139,272	276,516	16,516
2006-07	25,378	36,013	13,924	49,257	18,052	861	142,444	272,781	19,197

## 13-6c. Number of Students Receiving Higher Education by Discipline (Continued)

Unit: Persons

School Year	Total	Education	Humanities & Arts	Social Sciences, Business & Law	Science	Engineering, Manufacturing & Construction	Agriculture	Health & Welfare	Services	Unspecified
1998-99	915,921	38,901	89,362	246,340	80,100	302,177	24,097	99,671	35,273	-
1999-2000	994,283	42,043	101,447	274,698	91,282	311,783	24,843	108,469	39,718	-
2000-01	1,092,102	43,376	116,805	302,425	104,430	329,981	25,430	123,371	46,284	-
2001-02	1,187,225	46,141	130,709	333,758	118,519	342,534	26,466	136,578	52,498	22
2002-03	1,240,292	47,689	141,601	350,337	129,471	338,950	26,587	146,394	59,203	60
2003-04	1,270,194	48,794	151,423	354,244	137,283	335,296	27,515	150,405	65,143	91
2004-05	1,285,867	49,401	157,526	353,980	140,722	335,469	26,377	151,491	70,794	107
2005-06	1,296,558	48,828	162,564	350,173	143,095	333,933	25,579	154,506	77,759	121
2006-07	1,313,993	44,185	171,173	349,196	144,856	335,422	25,478	155,805	87,684	194
2007-08	1,326,029	43,984	175,866	346,636	143,646	334,726	26,528	156,399	96,825	1,419
2008-09	1,337,455	43,179	181,884	345,576	142,053	332,207	26,802	155,400	108,005	2,349
2009-10	1,336,659	41,936	187,703	339,149	141,447	323,649	27,513	155,471	117,535	2,256
2010-11	1,343,723	41,135	192,243	337,372	140,686	318,605	27,728	155,225	128,688	2,041
2011-12	1,352,225	40,693	198,330	336,055	140,715	310,950	28,338	153,773	141,779	1,592
2012-13	1,355,490	39,682	203,199	334,219	138,001	301,021	28,325	154,532	154,801	1,710

Note: (1) Students were reclassified according to *The Classification of Educational Level and Academic Disciplines in the R.O.C.* (4th edition) in July 2007, and the data were adjusted back to 1998-99.

(2) See note (1) of table 13-2.

13-7. Number of Students Receiving High School, Normal and Vocational Education

Unit: Persons

School Year	Total	High School		Normal School	Vocational School							
		Senior	Junior		Subtotal	Agri-cultural	Industrial	Commer-cial	Marine Products	Nursing & Midwifery	Home Economics	Others
1952-53	139,388	21,046	71,900	6,350	40,092	14,735	8,868	12,877	1,189	441	1,982	0
1955-56	213,540	30,169	116,192	6,782	60,397	23,206	11,279	18,905	1,724	592	4,560	131
1960-61	355,274	57,512	205,853	7,572	84,337	24,765	13,030	36,612	1,963	1,083	6,571	313
1965-66	663,753	116,197	426,822	3,159	117,575	26,776	17,396	58,555	3,441	1,936	9,471	0
1970-71	1,154,589	178,537	799,223	924	175,905	19,231	63,084	76,748	4,937	5,193	6,712	0
1975-76	1,505,993	185,181	1,036,357	2,040	282,415	13,218	127,698	120,579	6,416	9,287	5,148	69
1980-81	1,605,567	180,665	1,075,532	232	349,138	15,191	163,982	140,615	6,252	11,000	10,911	1,187
1985-86	1,678,767	194,757	1,062,226	-	421,784	18,376	209,701	149,833	6,022	12,196	25,048	608
1989-90	1,767,835	204,457	1,125,238	-	438,140	18,327	215,508	151,849	5,341	14,009	31,841	1,265
1990-91	1,818,301	209,010	1,160,180	-	449,111	17,801	202,978	159,119	5,677	15,664	46,169	1,703
1991-92	1,870,315	218,061	1,176,402	-	475,852	18,170	211,601	173,170	6,474	18,546	46,269	1,622
1992-93	1,909,625	229,876	1,179,028	-	500,721	18,640	220,125	185,524	7,364	20,999	46,421	1,648
1993-94	1,941,241	238,660	1,187,370	-	515,211	19,087	225,108	192,840	7,740	21,794	47,081	1,561
1994-95	1,947,022	245,688	1,177,352	-	523,982	19,215	225,529	197,659	8,035	23,850	48,014	1,680
1995-96	1,935,613	255,387	1,156,814	-	523,412	19,288	222,614	199,211	8,071	24,809	47,676	1,743
1996-97	1,908,935	268,066	1,120,716	-	520,153	19,205	219,558	199,639	7,938	24,851	47,018	1,944
1997-98	1,874,747	291,095	1,074,588	-	509,064	18,784	214,153	196,936	7,583	24,409	44,916	2,283
1998-99	1,814,202	311,838	1,009,309	-	493,055	18,166	206,199	191,523	7,612	24,075	41,590	3,890
1999-2000	1,756,034	331,618	957,209	-	467,207	17,351	196,304	181,403	7,466	22,574	38,921	3,188
2000-01	1,713,489	356,589	929,534	-	427,366	15,293	179,620	167,646	7,182	18,615	35,961	3,049
2001-02	1,684,449	370,980	935,738	-	377,731	13,495	159,718	148,264	6,336	14,025	32,822	3,071
2002-03	1,679,959	383,509	956,823	-	339,627	11,387	145,134	132,837	5,335	9,773	32,171	2,990
2003-04	1,676,970	393,689	957,285	-	325,996	10,383	140,347	127,917	4,774	6,576	33,022	2,977
2004-05	1,692,721	409,635	956,927	-	326,159	9,665	140,029	129,895	4,557	4,982	33,673	3,358
2005-06	1,703,414	420,608	951,202	-	331,604	9,321	141,826	135,571	4,408	2,600	33,886	3,992
2006-07	1,707,038	419,140	952,344	-	335,554	9,438	140,698	141,253	3,985	1,380	33,981	4,819
2007-08	1,707,331	414,557	953,277	-	339,497	9,594	139,940	147,618	3,635	-	33,384	5,326
2008-09	1,704,855	406,316	951,976	-	346,563	9,718	139,893	155,117	3,428	-	32,739	5,668
2009-10	1,706,325	403,183	948,534	-	354,608	9,881	138,703	163,973	3,619	-	32,483	5,949
2010-11	1,682,958	400,642	919,802	-	362,514	9,868	138,354	172,176	3,642	-	32,139	6,335
2011-12	1,641,633	401,958	873,226	-	366,449	10,612	129,116	123,089	2,454	-	93,976	7,202
2012-13	1,617,004	402,688	844,884	-	369,432	10,775	128,262	123,487	2,400	-	96,269	8,239

Note: The study classification of vocational high schools was redefined as of academic year 2011-12. Starting in academic year 2011-12, the statistics are based on the updated version.

13-8. Percentage of Graduates Enrolled in Next Higher Level of Schools

School Year	% of School-aged Children Enrolled in Elementary Schools	% of Elementary School Graduates Enrolled in Junior High Schools	% of Junior High School Graduates Enrolled in Senior High Schools	% of Senior High School Graduates Enrolled in Schools of Higher Education
1952-53	84.00	34.85	56.96	26.27
1955-56	92.33	43.94	63.13	44.27
1960-61	95.59	52.24	75.88	43.41
1965-66	97.15	58.23	78.52	38.30
1970-71	98.00	78.59	82.66	41.92
1975-76	99.29	89.47	65.82	39.80
1980-81	99.72	96.14	65.16	44.64
1985-86	99.85	98.73	71.31	40.19
1988-89	99.90	99.09	79.51	45.53
1989-90	99.90	99.62	79.60	44.40
1990-91	99.89	99.77	84.70	48.58
1991-92	99.90	99.28	86.09	51.94
1992-93	99.79	99.54	88.32	59.15
1993-94	99.89	99.53	87.78	61.32
1994-95	99.93	99.83	88.49	57.38
1995-96	99.91	99.75	89.17	56.58
1996-97	99.94	98.89	90.70	58.88
1997-98	99.92	99.18	92.02	61.95
1998-99	99.94	99.60	93.94	67.43
1999-2000	99.92	99.89	94.73	74.35
2000-01	99.94	99.79	95.31	74.77
2001-02	99.95	99.15	95.97	77.13
2002-03	98.04	99.70	95.48	81.21
2003-04	97.30	99.44	95.74	82.20
2004-05	98.23	99.42	96.03	86.01
2005-06	98.46	99.31	94.88	88.44
2006-07	97.77	99.54	96.23	91.13
2007-08	97.79	99.66	96.26	93.61
2008-09	97.74	99.78	95.38	95.34
2009-10	98.01	99.85	97.63	95.56
2010-11	97.97	99.89	98.15	95.24
2011-12	97.88	99.91	97.67	94.67
2012-13	97.79	99.91	99.15	94.75

Source: See Table 13-1.

13-9. Availability of Schools and Teachers

School Year	Number of Schools per 1,000 Km <sup>2</sup>		Number of Students per Class		Number of Students per Teacher	
	Secondary Education	Primary Education	Secondary Education	Primary Education	Secondary Education	Primary Education
1952-53	6	35	46	53	20	48
1955-56	7	40	48	52	21	46
1960-61	10	51	47	53	21	46
1965-66	15	59	51	52	25	42
1970-71	24	64	50	51	26	41
1975-76	27	66	50	48	25	38
1980-81	28	67	47	44	23	32
1985-86	29	69	46	44	22	32
1988-89	29	68	45	43	22	31
1989-90	30	69	45	42	22	29
1990-91	30	69	45	42	22	29
1991-92	30	69	45	41	21	27
1992-93	30	69	45	40	21	26
1993-94	31	69	45	39	21	25
1994-95	31	70	44	38	21	24
1995-96	31	70	43	35	20	22
1996-97	31	70	42	34	19	21
1997-98	32	70	41	33	19	21
1998-99	32	71	40	32	18	20
1999-2000	32	71	39	31	18	20
2000-01	32	72	38	31	17	19
2001-02	33	72	38	30	17	19
2002-03	33	73	38	30	17	18
2003-04	33	73	38	30	17	18
2004-05	33	73	38	30	17	18
2005-06	33	73	38	29	17	18
2006-07	33	73	37	29	17	18
2007-08	34	73	37	28	17	17
2008-09	34	73	37	28	17	17
2009-10	34	73	36	27	17	16
2010-11	34	74	36	26	16	15
2011-12	34	73	35	25	16	15
2012-13	34	73	35	24	16	14

Source: See Table 13-1.

13-10. Educational Expenditure Per Student at All Levels

Unit: NT\$

School Year	Pre-School Education	Elementary School	Jr. High School	Sr. High School	Sr. Vocational School	Junior College	University & College
1981-82	8,549	10,075	15,594	25,085	29,216	41,041	79,889
1982-83	9,412	12,213	17,461	25,043	28,590	54,622	95,632
1983-84	12,058	12,044	18,413	25,530	29,916	54,124	83,256
1984-85	17,092	12,487	19,869	28,073	32,574	56,260	89,704
1985-86	18,878	13,354	21,230	29,869	34,342	56,888	97,666
1986-87	19,241	13,765	22,225	31,606	39,356	64,689	119,285
1987-88	21,022	16,424	23,854	34,602	47,274	48,066	142,284
1988-89	26,840	20,489	27,900	41,322	47,958	55,549	140,782
1989-90	32,296	24,416	32,921	55,041	64,105	64,215	161,547
1990-91	34,788	29,979	42,250	57,642	66,350	66,050	188,484
1991-92	38,020	34,745	49,562	64,897	72,909	78,027	200,211
1992-93	39,320	44,655	58,090	70,550	75,851	81,729	204,730
1993-94	38,789	48,717	62,081	72,530	81,901	85,954	204,795
1994-95	45,405	54,391	67,887	73,647	87,037	83,786	195,870
1995-96	47,606	62,699	76,342	84,310	95,863	87,792	198,611
1996-97	54,019	64,432	82,244	89,060	108,737	100,096	213,401
1997-98	55,026	67,728	88,442	83,616	108,639	92,192	171,730
1998-99	55,652	75,615	102,568	90,260	109,726	95,998	160,713
1999-2000	60,056	75,197	111,984	91,905	116,637	109,253	162,184
2000-2001	61,992	75,759	117,126	91,995	109,854	91,499	169,906
2001-02	66,556	75,845	115,182	88,553	96,246	116,784	152,275
2002-03	69,943	76,248	115,155	86,846	101,556	113,948	158,866
2003-04	73,858	77,948	118,957	90,576	104,846	140,618	160,950
2004-05	76,415	82,651	122,832	92,219	106,153	131,820	164,518
2005-06	75,323	87,715	125,973	92,386	105,644	121,804	171,965
2006-07	83,445	91,402	127,391	94,434	103,513	104,737	175,263
2007-08	94,736	95,223	125,188	101,160	107,324	135,597	182,649
2008-09	101,228	101,684	122,951	101,326	109,831	116,724	183,955
2009-10	112,565	107,419	122,542	103,228	110,279	108,139	188,496
2010-11	121,863	114,929	129,198	102,581	112,497	105,430	190,613

Source: See Table 13-1.

13-11a. Students Studying Abroad

Unit: Persons

Period	Total	Hu- manities	Edu- cation	Fine Arts	Law	Social Sciences	Natural Sciences	Engi- neering	Medical Science	Agri- culture	Others
1952-61 Average	558	77	10	11	19	82	47	178	22	60	52
1962	1,833	279	44	38	85	306	229	575	42	225	10
1963	2,125	274	55	56	70	398	265	693	56	250	8
1964	2,514	354	73	52	84	541	315	715	83	291	6
1965	2,339	383	72	54	76	501	315	553	94	281	10
1966	2,189	336	67	48	54	445	372	521	107	234	5
1969	3,444	480	58	138	69	728	741	717	116	397	-
1970	2,056	240	23	50	27	318	515	553	86	244	-
1971	2,558	329	33	74	43	500	625	607	79	268	-
1972	2,149	260	23	79	41	473	532	439	88	214	-
1973	1,966	254	29	60	43	350	502	425	97	206	-
1974	2,285	237	32	37	55	442	596	568	98	220	-
1975	2,301	325	32	79	55	448	537	528	96	201	-
1976	3,641	489	56	89	66	790	802	927	180	242	-
1977	3,852	567	73	112	69	928	732	935	198	238	-
1978	4,756	682	77	169	97	1,228	827	1,218	213	245	-
1979	5,801	869	112	150	127	1,662	853	1,390	296	342	-
1980	5,933	903	115	156	112	1,761	846	1,421	279	340	-
1981	5,363	807	123	166	88	1,498	720	1,439	255	267	-
1982	5,925	768	97	103	105	1,510	856	2,058	205	223	-

Source: See Table 13-1.

## 13-11b. Students Studying Abroad (Continued)

Unit: Persons

Period	Total	Education	Fine Arts	Humanities	Social & Behavioral Sciences	Commerce & Business Administration	Law & Jurisprudence	Natural Sciences	Math. & Computer Science	Medical Science
1983 (1)	5,690	116	104	724	445	977	91	515	275	230
1984 (1)	5,410	73	89	659	337	867	61	439	258	235
1985	5,979	78	113	768	459	967	112	471	331	226
1986	7,016	87	125	862	473	1,199	120	517	393	287
1987	6,599	54	144	781	390	1,044	103	453	384	279
1988	7,122	79	159	902	452	1,163	116	482	484	284
1989	3,900	28	99	453	263	675	49	257	306	187
1990 (2)	94	6	-	13	9	8	5	6	2	21
1991	103	11	2	13	19	9	5	8	4	5
1992	111	10	6	20	16	5	4	11	3	15
1993	148	11	12	23	18	9	6	11	2	13
1994	125	9	10	19	17	8	11	13	3	14
1995	108	7	7	12	16	11	7	9	-	4
1996	89	8	7	10	14	4	6	11	2	6
1997	97	6	7	6	18	6	9	12	3	5
1998	85	9	9	10	8	3	9	4	-	7
1999	59	8	8	5	7	6	6	3	-	7
2000 (3)	134	7	14	12	12	13	9	13	1	11
2001	142	6	11	9	19	12	8	17	-	7
2002	132	5	7	4	9	10	8	15	4	8
2003	108	8	7	2	19	15	4	19	1	7
2004	133	14	8	14	13	9	8	17	8	8
2005	227	5	32	4	34	31	5	28	15	32
2006	93	3	9	1	24	9	4	10	2	12

(1) Since the 1983-84 school year, curricula in Taiwan's institutions of higher learning have been organized according to UNESCO stand

(2) Students studying abroad without government scholarships have been excluded since July 1989.

(3) The figures for 1990-1999 refer to the number of students passing government scholarship examinations and studying abroad, while the figures for 2000 and since only refer to the number of students awarded government scholarships to study abroad.

13-11c. Students Studying Abroad (Continued)

Unit: Persons

Period	Craft & Industry	Engineering	Architecture & Urban Planning	Agriculture, Forestry & Fishery	Home Economics	Transportation & Communications	Tourism Service	Mass Communications	Others	Unclassifiable Majors (4)
1983	18	1,571	79	225	49	79	39	129	24	-
1984	11	1,606	105	229	60	68	42	142	129	-
1985	3	1,759	111	238	61	103	27	143	9	-
1986	16	2,056	122	270	72	95	40	151	131	-
1987	-	2,017	110	218	76	107	37	146	256	-
1988	15	1,936	121	247	89	88	38	153	314	-
1989	13	1,065	60	137	31	59	30	73	115	-
1990	-	14	1	6	-	-	-	2	1	-
1991	-	16	1	8	-	-	-	2	-	-
1992	-	11	-	5	1	2	2	-	-	-
1993	-	21	-	13	1	3	-	1	4	-
1994	1	11	-	5	11	1	-	-	3	-
1995	-	17	-	14	-	1	-	1	2	-
1996	-	5	1	6	1	2	-	2	4	-
1997	-	5	2	7	-	2	-	1	8	-
1998	-	7	2	11	-	-	1	1	4	-
1999	-	2	-	1	-	1	-	-	5	-
2000	-	4	-	5	1	1	-	2	4	25
2001	-	6	1	4	-	2	-	1	12	27
2002	-	3	4	6	-	1	-	1	6	41
2003	-	14	3	4	-	-	-	1	4	-
2004	1	14	4	4	-	1	-	3	7	-
2005	-	20	5	5	-	-	-	6	5	-
2006	-	5	2	2	-	1	-	3	6	-

(4) The figures for 2000-2002 include those not categorized by major at the time they were awarded a government scholarship, including post-doctoral researchers, short-term researchers, and participants in special programs to foster short-term researchers in key technologies.

## 13-11d. Government-financed R.O.C. Students Studying Abroad (Continued)

Unit: Persons

Period	Total	Education	Humanities & Arts	Social Sciences, Business & Law	Science	Engineering, Manufacturing & Construction	Agriculture	Health & Welfare	Services	Unspecified
2007	92	6	10	35	13	7	2	9	10	-
2008	103	4	23	31	20	6	2	7	10	-
2009	115	8	22	54	12	7	3	2	7	-
2010	122	6	24	48	19	8	4	6	7	-
2011	135	7	33	46	15	11	2	7	14	-
2012	135	7	32	47	11	11	3	9	15	-

Note: Students were reclassified according to *The Classification of Educational Level and Academic Disciplines in the R.O.C.* (4th edition) in July 2007.

13-12. Number of Newspapers, Periodicals, News Agencies and Publishing Corporations

End of Year	Newspapers	Periodicals	News Agencies	Publishing Corporations (1)
1952	30	245	28	...
1955	34	378	39	242
1960	30	676	42	564
1965	31	820	43	805
1970	31	1,404	43	1,351
1975	31	1,316	44	1,345
1980	31	1,982	44	2,011
1985	31	2,849	44	2,725
1986	31	3,023	44	2,909
1987	31	3,353	44	3,080
1988	124	3,748	131	3,231
1989	197	4,052	158	3,448
1990	209	4,138	178	3,273
1991	234	4,338	188	3,524
1992	272	4,473	204	3,769
1993	274	4,761	231	4,112
1994	300	4,989	222	4,439
1995	335	5,231	221	4,777
1996	361	5,493	242	5,253
1997	344	5,676	251	5,826
1998	360	5,884	238	6,380
1999	384	6,463	242	6,806
2000	445	6,641	260	7,093
2001	454	7,236	267	7,810
2002	514	3,909	750	6,023
2003	708	4,896	949	7,538
2004	2,524	4,185	977	7,437
2005	2,442	4,825	1,108	8,357
2006	2,381	5,014	1,208	9,176
2007	2,216	5,395	1,275	9,625
2008	2,065	5,711	1,321	10,002
2009	2,063	6,457	1,471	10,953
2010	2,137	7,544	1,746	12,493
2011	2,210	8,675	2,210	14,016
2012	2,278	9,764	2,247	15,528

(1) The registration of publishing corporations was inaugurated in 1953.

Source: The data are provided by the Government Information Office, Executive Yuan, R.O.C. (Taiwan).

## **14. HEALTH AND MEDICAL CARE**



## 14-1a. Number of Health Personnel

Unit: Persons

End of Year	Total	Physicians	Doctors of Chinese Medicine	Dentists & Assistants	Pharmacists & Assistants	Nurses	Registered Professional Midwives	Medical Technologists & Technicians	Medical Radiation Technologists & Radiological Technicians
1955	10,343	3,998	1,629	925	1,008	974	1,809	...	...
1960	12,427	4,811	1,688	1,034	1,386	1,484	2,024	...	...
1965	13,017	5,062	1,594	1,015	1,547	1,611	2,188	...	...
1970	13,646	5,092	1,384	1,017	2,482	2,071	1,600	...	...
1975	26,597	9,148	1,575	1,412	6,882	4,919	2,661	...	...
1980	42,417	11,748	1,590	2,090	11,932	11,659	2,904	494	...
1985	66,278	15,039	1,892	3,433	16,300	24,248	2,408	1,982	976
1988	83,045	18,193	2,397	4,624	17,641	33,879	2,381	2,970	960
1989	85,599	18,529	2,306	5,005	18,018	35,421	1,821	3,216	1,283
1990	91,153	19,921	2,372	5,580	17,944	38,357	1,891	3,657	1,431
1991	96,921	21,115	2,514	6,117	18,570	41,756	1,649	3,700	1,500
1992	102,977	22,365	2,616	6,560	18,499	45,862	1,439	3,936	1,700
1993	109,538	23,491	2,701	6,664	19,374	50,296	1,012	4,329	1,671
1994	114,175	24,455	2,833	7,095	18,762	53,734	1,004	4,593	1,699
1995	118,248	24,465	3,030	7,131	19,224	56,743	842	4,722	1,793
1996	123,829	24,790	2,992	7,332	19,667	61,494	774	5,034	1,453
1997	137,829	25,730	3,299	7,650	21,246	69,665	782	5,389	2,266
1998	144,070	27,168	3,461	7,993	22,761	71,215	704	5,583	2,485
1999	152,385	28,216	3,546	8,304	23,937	75,603	649	6,015	2,500
2000	159,212	29,585	3,733	8,656	24,404	79,176	558	6,230	2,761
2001	165,855	30,562	3,979	9,012	24,891	82,763	518	6,542	3,152
2002	175,444	31,532	4,101	9,273	25,355	89,568	490	6,725	3,410
2003	183,103	32,390	4,266	9,618	25,033	95,271	476	7,055	3,557
2004	192,611	33,360	4,588	9,935	26,079	101,465	459	7,122	3,704
2005	199,734	34,093	4,610	10,202	26,750	104,786	397	7,323	3,880
2006	206,959	34,899	4,743	10,458	27,412	109,153	368	7,457	4,052
2007	214,748	35,849	4,862	10,783	28,040	113,832	347	7,642	4,211
2008	223,623	37,142	5,112	11,136	28,741	118,785	308	7,896	4,443
2009	233,553	37,880	5,290	11,393	29,587	125,081	258	8,203	4,651
2010	241,156	38,887	5,354	11,697	30,001	128,658	208	8,674	4,913
2011	250,258	40,002	5,570	12,032	31,300	133,336	134	8,579	5,133
2012	258,283	40,938	5,740	12,431	32,015	137,641	120	8,751	5,341

Source: The data are provided by the Department of Health, R.O.C. (Taiwan)

14-1b. Number of Health Personnel (Continued)

Unit: Persons

End of Year	Dietitians	Physical Therapists & Therapy Technicians	Occupational Therapists & Therapy Technicians	Clinical Psychologists	Counseling Psychologists	Respiratory Therapists	Speech-Language Pathologists	Audiologists	Dental Technologists & Technicians
1955	...	...	...	...	...	...	...	...	...
1960	...	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...
1970	...	...	...	...	...	...	...	...	...
1975	...	...	...	...	...	...	...	...	...
1980	...	...	...	...	...	...	...	...	...
1985	...	...	...	...	...	...	...	...	...
1988	...	...	...	...	...	...	...	...	...
1989	...	...	...	...	...	...	...	...	...
1990	...	...	...	...	...	...	...	...	...
1991	...	...	...	...	...	...	...	...	...
1992	...	...	...	...	...	...	...	...	...
1993	...	...	...	...	...	...	...	...	...
1994	...	...	...	...	...	...	...	...	...
1995	298	...	...	...	...	...	...	...	...
1996	293	...	...	...	...	...	...	...	...
1997	515	1,287	...	...	...	...	...	...	...
1998	575	1,720	405	...	...	...	...	...	...
1999	656	2,290	669	...	...	...	...	...	...
2000	743	2,620	746	...	...	...	...	...	...
2001	778	2,790	868	...	...	...	...	...	...
2002	845	3,084	1,061	...	...	...	...	...	...
2003	895	3,373	1,169	...	...	...	...	...	...
2004	978	3,614	1,307	...	...	...	...	...	...
2005	1,056	3,742	1,447	379	170	899	...	...	...
2006	1,137	3,901	1,526	478	278	1,097	...	...	...
2007	1,239	4,172	1,744	524	325	1,178	...	...	...
2008	1,379	4,457	1,882	584	423	1,335	...	...	...
2009	1,563	4,867	2,105	643	524	1,508	...	...	...
2010	1,687	5,214	2,287	696	671	1,657	434	118	0
2011	1,824	5,608	2,496	757	836	1,810	498	157	186
2012	2,050	5,878	2,660	832	1,000	1,892	554	181	259

Source: See Table 14-1a.

## 14-2. Availability of Medical Care

End of Year	Area Served by Each Health & Medical Facility (km <sup>2</sup> )	Persons Served by Each Health & Medical Facility	Area Served by Each Physician (km <sup>2</sup> ) (2)	Persons Served by Each Physician (2)	Persons Per Bed
1955	35.8	8,878	6.4	1,584	2,902
1960	33.1	9,919	5.5	1,661	2,686
1965	32.9	11,578	5.4	1,901	2,851
1970 (1)	32.7	13,187	5.6	2,240	2,494
1975	3.9	1,732	3.4	1,492	526
1980	3.3	1,624	2.7	1,323	446
1985	3.0	1,553	2.1	1,130	258
1987	3.0	1,613	1.9	1,016	228
1988	3.0	1,629	1.7	967	225
1989	2.9	1,639	1.7	965	232
1990	2.8	1,578	1.6	913	228
1991	2.6	1,505	1.5	870	222
1992	2.5	1,434	1.4	831	215
1993	2.4	1,394	1.4	802	208
1994	2.3	1,344	1.3	776	204
1995	2.2	1,326	1.3	777	190
1996	2.2	1,293	1.3	775	187
1997	2.1	1,250	1.2	749	179
1998	2.0	1,237	1.2	716	176
1999	2.0	1,243	1.1	696	180
2000	2.0	1,232	1.1	669	176
2001	2.0	1,227	1.0	649	175
2002	2.0	1,236	1.0	632	169
2003	1.9	1,204	1.0	617	166
2004	1.9	1,179	1.0	598	158
2005	1.9	1,172	0.9	588	156
2006	1.8	1,162	0.9	577	154
2007	1.8	1,154	0.9	564	152
2008	1.8	1,142	0.9	545	151
2009	1.8	1,139	0.8	536	148
2010	1.7	1,119	0.8	524	146
2011	1.7	1,099	0.8	510	145
2012	1.7	1,088	0.8	500	145

(1) Figures for years prior to 1971 refer to provincial, county and city health and medical care facilities; figures for 1971 and after refer to all public and private hospitals and clinics.

(2) Including Chinese medicine doctors.

Source: See Table 14-1a.

## 14-3a. Incidence of Communicable Diseases (1)

Unit: Persons

Period	Cholera	Plague	Yellow Fever	Rabies	Ebola Haemorrhagic Fever	Epidemic Typhus Fever	Diphtheria	Meningococcal Meningitis
1993	0	0	0	0	...	...	0	8
1994	2	0	0	0	...	...	0	4
1995	3	0	0	0	...	...	0	9
1996	0	0	0	0	...	...	0	16
1997	1	0	0	0	...	...	0	19
1998	0	0	0	0	...	...	0	12
1999	5	0	0	0	0	0	0	13
2000	8	0	0	0	0	0	0	16
2001	0	0	0	0	0	0	0	43
2002	2	0	0	1	0	0	0	46
2003	1	0	0	0	0	0	0	26
2004	1	0	0	0	0	0	0	24
2005	2	0	0	0	0	0	0	20
2006	1	0	0	0	0	0	0	13
2007	0	0	0	0	0	0	0	20
2008	1	0	0	0	0	0	0	19
2009	3	0	0	0	0	0	0	2
2010	5	0	0	0	0	0	0	7
2011(2)	3	0	0	0	0	0	0	5

(1) The diseases are reported based on confirmed cases.

(2) One case of cholera was imported in 2011.

Source: See Table 14-1a.

## 14-3b. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Typhoid Fever	Paratyphoid Fever	Anthrax	Poliomyelitis	Acute Flaccid Paralysis	Shigellosis	Amoebiasis	Dengue Fever	Dengue Hemorrhagic Fever / Dengue Shock Syndrome
1993	42	...	...	0	0	208	380	13	...
1994	48	...	...	0	50	61	159	244	...
1995	47	...	...	0	74	563	10	364	5
1996	68	...	...	0	83	256	7	53	3
1997	54	...	...	0	141	405	21	76	1
1998	74	4	...	0	116	425	21	334	14
1999	49	11	0	0	59	210	55	65	4
2000	43	3	0	0	63	321	322	140	1
2001	59	11	0	0	101	1,327	303	270	11
2002	54	18	0	0	84	436	289	5,388	242
2003	40	15	0	0	65	246	121	145	2
2004	38	19	0	0	56	156	96	427	7
2005	35	13	0	0	61	174	120	306	5
2006	43	10	0	0	66	139	125	1,074	19
2007	34	6	0	0	51	246	145	2,179	12
2008	33	11	0	0	74	90	227	714	5
2009	80	6	0	0	45	91	190	1,052	11
2010	33	12	0	0	49	172	262	1,896	21
2011 (3)	49	6	0	0	45	203	256	1,702	22

(3) Incidence recorded in 2011 included imported cases as follows: 7 typhoid fever, 5 paratyphoid fever, 139 shigellosis, 135 amoebiasis, 157 dengue fever, and 2 dengue hemorrhagic fever/dengue shock syndrome.

Source: See Table 14-1a.

14-3c. Incidence of Communicable Diseases (Continued)

Period	Malaria (4)		Measles	EHEC Infection	Enteroviruses Infection with Severe Complications	Tuberculosis		Japanese Encephalitis
	Indigenous	Imported				Smear-positive	Other Tuberculosis	
1993	0	36	2	...	...	...	...	11
1994	0	35	33	...	...	...	...	13
1995	0	38	0	...	...	...	...	27
1996	0	38	0	...	...	...	...	21
1997	0	48	5	...	...	2,508	12,878	6
1998	0	49	9	...	...	2,853	11,316	22
1999	0	32	1	0	35	3,312	10,184	24
2000	0	42	6	0	291	4,276	9,634	13
2001	0	29	10	1	393	4,512	9,974	33
2002	0	28	24	0	162	5,928	10,830	19
2003	0	34	6	0	70	5,203	9,839	25
2004	0	18	0	0	50	5,784	11,000	32
2005	0	26	7	0	142	5,748	10,724	35
2006	0	26	4	0	11	5,542	9,836	29
2007	0	13	10	0	12	5,734	8,746	37
2008	0	18	16	0	373	5,559	8,706	17
2009	0	11	48	0	29	5,210	8,126	18
2010	0	21	12	0	16	5,027	8,210	33
2011 (4)	0	17	33	0	59	4,559	8,075	22

(4) Incidence recorded in 2011 included imported cases as follows: 17 malaria and 4 measles.

Source: See Table 14-1a.

14-3d. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Hansen's Disease	Rubella	Congenital Rubella Syndrome	Pertussis	Scarlet Fever (6)	Tetanus (7)	Scrub Typhus	Acute Viral Hepatitis	Mumps (7)
1993	7	60	11	7	11	13	58	19	730
1994	4	6	0	6	219	17	103	410	362
1995	10	2	0	26	105	13	140	958	181
1996	15	3	0	15	199	14	156	560	346
1997	7	4	0	102	169	12	253	511	256
1998	7	5	0	34	232	21	321	576	270
1999	3	2	0	19	166	20	302	485	261
2000	4	29	0	47	511	24	270	298	375
2001	2	17	3	6	568	19	235	769	444
2002	8	4	0	18	1,032	15	237	806	665
2003	9	2	0	26	640	13	271	676	676
2004	9	4	0	21	759	16	368	807	1,081
2005	9	7	0	38	1,132	16	462	785	1,158
2006	11	6	0	14	1,130	14	384	613	971
2007	12	54	1	41	651	10	510	581	1,208
2008	8	33	1	41	...	18	492	631	1,145
2009	7	23	0	90	...	12	353	545	1,068
2010	5	21	0	61	...	12	402	344	1,125
2011 (5)	5	60	0	77	...	10	322	323	1,171

(5) Incidence recorded in 2011 included imported cases as follows: 33 rubella, 2 scrub typhus, and 41 acute viral hepatitis.

(6) Scarlet fever was excluded from notifiable diseases from October 15, 2007.

(7) Recordation for tetanus and mumps was based on reported cases only.

Source: See Table 14-1a.

14-3e. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Legionellosis	Invasive Haemophilus Influenzae Type B Infection	Syphilis	Gonorrhea	Complicated Influenza	HIV Infection (9)	AIDS (9)
1993	...	...	3,200	520	...	146	36
1994	...	...	3,240	263	...	213	67
1995	46	...	3,054	175	...	262	100
1996	44	...	3,172	121	...	311	164
1997	245	...	3,050	95	...	383	137
1998	20	31	2,407	91	...	443	156
1999	22	31	3,038	163	2	508	182
2000	63	45	3,875	361	4	568	183
2001	40	49	4,256	443	7	689	166
2002	72	41	4,182	838	5	772	180
2003	109	22	3,947	1,626	16	861	230
2004	106	20	5,209	1,978	19	1,520	258
2005	38	12	5,305	1,515	33	3,403	506
2006	56	16	5,808	1,437	25	2,938	579
2007	56	16	5,798	1,442	26	1,935	1,061
2008	69	12	6,526	1,621	22	1,752	849
2009	84	14	6,668	2,137	1,134	1,648	930
2010	102	12	6,482	2,265	882	1,796	1,087
2011 (8)	97	9	6,372	1,978	1,481	1,967	1,075

(8) Incidence recorded in 2011 included imported cases as follows: 6 legionellosis and 5 complicated influenza.

(9) Figures for HIV infection and AIDS for years prior to 2002 refer to both domestic citizens and foreign nationals; figures for 2002 and domestic citizens only.

Source: See Table 14-1a.

14-4a. Leading Causes of Death

Period	Malignant Neoplasms			Heart Disease			Cerebrovascular Disease			Pneumonia			Diabetes Mellitus		
	Rank	No. of Deaths (Persons)	Standardized Death Rate Per 100,000 Persons	Rank	No. of Deaths (Persons)	Standardized Death Rate Per 100,000 Persons	Rank	No. of Deaths (Persons)	Standardized Death Rate Per 100,000 Persons	Rank	No. of Deaths (Persons)	Standardized Death Rate Per 100,000 Persons	Rank	No. of Deaths (Persons)	Standardized Death Rate Per 100,000 Persons
1981	2	13,764	116.2	4	7,706	85.3	1	14,202	146.2	7	2,833	27.7	12	1,613	15.6
1985	1	16,268	119.4	4	8,328	75.7	2	14,624	125.3	12	2,031	18.7	7	2,930	23.6
1990	1	18,536	115.3	4	11,505	83.9	2	14,174	98.4	7	3,358	25.3	5	3,960	26.0
1991	1	19,630	117.8	4	12,026	84.1	2	14,137	93.7	7	2,644	19.3	5	4,210	26.6
1992	1	20,959	121.9	4	12,993	86.4	2	14,325	90.7	8	2,907	20.0	5	4,887	30.0
1993	1	22,319	125.5	4	12,506	79.8	2	13,680	82.8	8	2,815	18.4	5	5,367	31.6
1994	1	23,318	126.9	4	12,005	72.6	2	13,658	79.4	8	2,890	18.0	5	6,094	34.4
1995	1	25,841	136.4	4	11,256	64.7	2	14,132	79.0	8	3,070	18.4	5	7,225	39.2
1996	1	27,961	143.5	4	11,273	62.2	2	13,944	75.3	8	3,200	18.5	5	7,525	39.4
1997	1	29,011	144.3	4	10,754	56.8	2	12,885	66.6	7	3,619	19.7	5	7,500	38.1
1998	1	29,260	140.5	3	11,030	55.4	2	12,705	63.0	7	4,447	23.0	5	7,532	36.7
1999	1	29,784	138.3	4	11,299	54.5	3	12,631	60.4	7	4,006	19.9	5	9,023	42.4
2000	1	31,554	141.6	3	10,552	48.8	2	13,332	61.1	8	3,302	15.6	5	9,450	42.7
2001	1	32,993	143.1	3	11,003	48.8	2	13,141	57.8	8	3,746	16.8	5	9,113	39.8
2002	1	34,342	144.2	3	11,441	48.5	2	12,009	50.5	7	4,530	19.4	4	8,818	37.1
2003	1	35,201	143.1	3	11,785	47.9	2	12,404	49.9	7	5,099	20.8	4	10,013	40.5
2004	1	36,357	142.8	2	12,861	50.1	3	12,339	47.8	6	5,536	21.5	4	9,191	35.8
2005	1	37,222	141.2	3	12,970	48.3	2	13,139	48.9	6	5,687	21.0	4	10,501	39.4
2006	1	37,998	139.3	3	12,283	43.8	2	12,596	44.7	6	5,396	18.9	4	9,690	34.9
2007	1	40,306	142.6	2	13,003	44.4	3	12,875	43.8	6	5,895	19.6	4	10,231	35.5
2008	1	38,913	133.7	2	15,726	51.7	3	10,663	35.0	4	8,661	27.5	5	8,036	26.9
2009	1	39,918	132.5	2	15,094	47.7	3	10,383	32.8	4	8,358	25.3	5	8,230	26.6
2010	1	41,046	131.6	2	15,675	47.4	3	10,134	30.6	4	8,909	25.6	5	8,211	25.3
2011	1	42,559	132.2	2	16,513	47.9	3	10,823	31.3	5	9,047	24.8	4	9,081	26.9
2012	1	43,665	131.3	2	17,121	47.9	3	11,061	30.8	4	9,314	24.4	5	9,281	26.5

(1) The standardized death rate of all causes per 100,000 persons is based on the 2000 WHO World Standard Population.

(2) From 2008, the ROC has adopted the ICD-10 code.

Source: See Table 14-1a.

14-4b. Leading Causes of Death (Continued)

No. of Deaths: Persons

Period	Accidents & Adverse Effects			Chronic Liver Disease & Cirrhosis			Nephritis, Nephrotic Syndrome & Nephrosis			Suicide			Hypertensive Disease		
	Rank	No. of Deaths	Standardized Death Rate	Rank	No. of Deaths	Standardized Death Rate	Rank	No. of Deaths	Standardized Death Rate	Rank	No. of Deaths	Standardized Death Rate	Rank	No. of Deaths	Standardized Death Rate
1981	3	11,616	73.9	6	3,075	26.1	10	2,329	21.3	11	2,037	14.1	5	3,146	35.4
1985	3	11,284	66.5	6	3,153	22.9	10	2,207	17.6	9	2,281	14.2	5	3,460	31.6
1990	3	13,927	74.1	6	3,606	21.9	10	2,304	15.8	13	1,359	7.4	8	2,993	21.8
1991	3	13,636	71.3	6	3,601	21.1	8	2,527	16.6	12	1,465	7.7	9	2,492	17.4
1992	3	13,152	67.3	6	3,748	21.2	7	2,935	18.6	13	1,381	7.1	9	2,300	15.4
1993	3	13,270	66.3	6	3,755	20.6	7	2,859	17.5	13	1,301	6.6	9	2,285	14.7
1994	3	13,219	64.9	6	4,163	22.0	7	3,211	18.7	13	1,451	7.1	9	2,191	13.4
1995	3	12,983	62.6	6	4,456	22.8	7	3,519	19.9	11	1,618	7.8	9	2,616	15.3
1996	3	12,422	58.9	6	4,610	23.1	7	3,547	19.4	11	1,847	8.7	9	2,656	14.9
1997	3	11,297	52.5	6	4,767	23.0	8	3,504	18.4	10	2,172	10.0	9	2,611	13.8
1998	4	10,973	50.2	6	4,940	23.2	8	3,435	17.2	10	2,177	9.8	9	2,273	11.5
1999	2	12,960	58.7	6	5,180	23.5	8	3,474	16.8	9	2,281	10.0	10	1,856	9.0
2000	4	10,515	46.5	6	5,174	22.6	7	3,872	17.9	9	2,471	10.6	11	1,602	7.5
2001	4	9,513	41.5	6	5,239	22.3	7	4,056	17.9	9	2,781	11.7	10	1,766	7.9
2002	5	8,489	36.3	6	4,795	19.9	8	4,168	17.7	9	3,053	12.5	10	1,947	8.2
2003	5	8,191	34.5	6	5,185	20.9	8	4,306	17.5	9	3,195	12.8	10	1,844	7.4
2004	5	8,452	35.0	7	5,351	20.8	8	4,680	18.2	9	3,468	13.6	10	1,806	7.0
2005	5	8,365	34.0	7	5,621	21.3	8	4,822	17.9	9	4,282	16.6	10	1,891	7.0
2006	5	8,011	31.9	7	5,049	18.6	8	4,712	16.8	9	4,406	16.8	10	1,816	6.4
2007	5	7,130	27.9	7	5,160	18.4	8	5,099	17.3	9	3,933	14.7	10	1,977	6.6
2008	6	7,077	27.0	8	4,917	17.1	10	4,012	13.2	9	4,128	15.2	12	3,507	11.2
2009	6	7,358	27.7	8	4,918	16.6	10	3,999	12.5	9	4,063	14.7	11	3,721	11.5
2010	6	6,669	24.4	8	4,912	16.1	10	4,105	12.4	11	3,889	13.8	9	4,174	12.2
2011	6	6,726	24.1	8	5,153	16.5	10	4,368	12.6	12	3,507	12.3	9	4,631	12.9
2012	6	6,873	23.8	9	4,975	15.6	10	4,327	12.1	11	3,766	13.1	8	4,986	13.3

14-5. Food Intake Per Capita Per Day

Period	Energy (kcal)	Protein (gm)	Fat (gm)	Carbo-hydrate (gm)	Calcium (mg)	Phos-phorus (mg)	Iron (mg)	Vitamin A Value (i.u.)	Thiamine (mg)	Ribo-flavin (mg)	Niacin (mg)	Ascorbic Acid (mg)
1952	2,078.2	49.0	35.5	385.6	233.7	872.6	8.5	4,310.4	1.12	0.47	11.3	91.3
1955	2,247.2	53.2	37.2	411.7	262.6	948.0	8.8	4,319.8	1.15	0.52	12.1	89.2
1960	2,390.0	57.1	40.9	435.4	278.7	1,004.8	9.4	4,548.7	1.22	0.54	13.2	95.2
1965	2,410.6	61.2	46.7	423.6	282.6	1,042.1	9.7	3,728.6	1.39	0.58	13.9	79.6
1970	2,661.7	72.2	63.5	438.5	372.8	1,187.8	12.0	4,261.5	1.45	0.74	15.4	93.7
1975	2,721.7	74.7	67.5	440.4	423.8	1,229.3	12.9	4,695.8	1.52	0.80	15.5	116.1
1980	2,811.8	78.2	85.6	420.5	478.2	1,258.2	13.6	6,344.7	1.68	0.95	16.3	131.2
1985	2,553.4	81.1	83.4	375.9	458.5	1,212.7	11.3	7,325.0	1.49	1.16	15.8	132.8
1988	2,754.9	88.2	98.5	386.0	516.2	1,271.6	12.6	7,005.9	1.53	1.28	16.0	142.2
1989	2,806.9	90.2	105.7	381.0	538.1	1,279.6	12.5	6,726.7	1.52	1.31	16.1	137.9
1990	2,836.8	92.7	109.6	377.2	557.7	1,312.3	13.0	6,492.6	1.56	1.34	16.6	131.6
1991	2,855.8	91.6	114.3	372.9	580.8	1,301.0	12.9	6,989.6	1.57	1.43	15.6	137.7
1992	2,872.3	93.9	115.2	372.1	592.9	1,335.7	13.4	6,903.4	1.59	1.45	16.8	132.1
1993	2,929.2	97.3	120.6	371.3	606.6	1,373.8	13.7	7,147.9	1.64	1.52	17.6	140.8
1994	2,976.7	96.5	124.9	374.0	624.5	1,366.3	13.8	7,169.3	1.65	1.53	16.8	132.9
1995	2,968.9	98.2	126.1	368.1	642.8	1,380.2	14.1	7,435.6	1.66	1.56	16.6	140.2
1996	2,968.7	98.3	126.6	366.9	640.2	1,355.8	14.2	7,845.0	1.61	1.55	16.6	142.5
1997	3,042.1	101.4	130.9	372.9	650.9	1,383.1	14.1	7,676.0	1.62	1.62	17.2	156.2
1998	2,886.8	95.6	121.0	361.0	585.7	1,295.0	12.7	7,498.6	1.56	1.53	16.9	139.7
1999	2,964.7	97.6	127.0	365.7	613.6	1,325.5	13.2	8,044.5	1.55	1.58	17.4	164.7
2000	2,936.8	96.2	123.5	367.8	596.6	1,292.4	13.1	7,612.7	1.56	1.54	16.7	148.9
2001	2,792.5	92.0	117.0	350.0	571.9	1,230.4	12.4	7,193.4	1.51	1.49	15.9	146.8
2002	2,866.4	94.8	124.4	349.7	610.5	1,283.0	13.2	7,773.6	1.56	1.54	16.4	158.2
2003	2,908.3	96.1	124.8	358.0	594.9	1,266.6	13.3	7,461.3	1.55	1.51	16.4	153.9
2004	2,830.1	91.9	120.0	352.8	570.6	1,214.3	12.6	7,280.5	1.52	1.46	15.8	151.2
2005	2,891.2	91.6	126.5	353.6	563.5	1,195.4	12.7	7,003.4	1.51	1.41	15.2	138.5
2006	2,759.4	90.1	118.4	341.0	569.4	1,198.3	12.8	7,233.6	1.51	1.44	15.1	149.8
2007	2,781.6	92.0	119.1	342.6	559.2	1,204.3	12.8	6,823.9	1.49	1.41	15.2	137.1
2008	2,579.8	84.5	107.5	325.4	507.3	1,108.5	12.0	6,583.3	1.38	1.28	14.3	136.6
2009	2,680.1	86.8	111.6	338.6	543.5	1,140.2	12.4	6,960.3	1.44	1.32	14.6	133.8
2010	2,694.2	88.2	115.2	332.9	537.1	1,150.9	12.6	6,848.9	1.43	1.36	15.0	140.2
2011	2,685.2	89.9	111.6	337.0	548.0	1,162.9	12.7	7,165.9	1.45	1.39	15.2	143.6

Source: Council of Agriculture, Executive Yuan, R.O.C., *Food Supply and Utilization Yearbook*, 2011.

14-6. Social Indicators

Period	Percentage of Population Served by Tap Water	Living Space Per Capita (sq. ft.)	Number of Health Personnel Per 10,000 Persons	Number of Hospital Beds Per 10,000 Persons	Life Expectancy at Birth		
					Total	Male	Female
1961	30.8	...	11.37	3.70	...	62.64	67.18
1965	38.3	75.6	10.31	3.52	...	65.10	69.71
1970	43.7	93.6	9.30	3.96	...	66.66	71.56
1975	50.3	147.6	16.47	18.85	...	68.27	73.42
1980	77.6	191.1	23.82	22.22	...	69.57	74.55
1985	83.1	232.0	34.42	38.47	73.02	70.82	75.81
1989	86.1	276.1	42.59	43.12	73.54	71.10	76.47
1990	86.8	287.9	44.79	43.80	73.79	71.33	76.75
1991	87.5	294.3	47.15	45.14	74.26	71.83	77.14
1992	88.6	307.8	49.62	46.30	74.26	71.78	77.19
1993	89.2	312.1	52.17	47.90	74.28	71.61	77.52
1994	89.4	325.6	53.87	48.98	74.50	71.81	77.76
1995	91.1	335.5	55.37	52.62	74.53	71.85	77.74
1996	91.2	345.5	57.53	53.39	74.95	72.38	78.05
1997	91.2	363.3	63.39	55.73	75.54	72.97	78.61
1998	92.4	375.4	65.70	56.80	75.76	73.12	78.93
1999	92.1	388.2	68.98	55.65	75.90	73.33	78.98
2000	92.8	397.5	71.47	56.78	76.46	73.83	79.56
2001	92.5	407.4	74.02	56.98	76.75	74.07	79.92
2002	93.4	406.4	77.90	59.23	77.19	74.58	80.24
2003	93.5	422.0	81.00	60.31	77.35	74.77	80.33
2004	93.8	430.9	85.00	63.18	77.48	74.68	80.75
2005	93.7	439.1	87.72	64.29	77.42	74.50	80.80
2006	94.6	446.6	90.47	65.12	77.90	74.86	81.41
2007	94.5	456.2	93.54	65.61	78.38	75.46	81.72
2008	94.6	458.7	97.07	66.37	78.57	75.59	81.94
2009	94.9	468.6	101.02	67.79	79.01	76.03	82.34
2010	94.9	471.5	104.12	68.61	79.18	76.13	82.55
2011	95.4	476.1	107.75	69.09	79.15	75.96	82.63
2012	...	...	110.78	69.01	79.45	76.16	83.03

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>

2. The data are provided by the Ministry of the Interior, and the Department of Health, R.O.C.

3. Data of Living Space doesn't include Kinmen and Lienchiang County.

4. The 2012 figures for Life Expectancy at Birth are preliminary data.

## **15. SOCIAL AFFAIRS**



15-1a. Units and Persons Insured under Labor and Farmers' Insurance Schemes

End of Year	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction
<b>I. Insured Units</b>							
1979	31,499	31,499	258	509	16,735	123	1,060
1980	39,480	39,480	322	557	20,527	134	1,694
1981	48,716	48,716	359	602	24,682	155	2,439
1982	56,310	56,310	405	585	27,921	170	3,096
1983	67,621	67,621	585	600	33,085	170	3,809
1984	83,630	83,630	671	595	40,190	170	4,886
1985	102,269	102,228	842	622	46,734	175	6,233
1986	127,447	127,406	977	639	57,394	180	8,195
1987	161,416	161,317	1,113	657	71,978	185	10,236
1988	203,061	202,767	2,203	702	86,009	191	12,750
1989	240,995	240,706	2,352	705	97,873	200	15,224
1990	265,786	265,497	2,397	707	103,333	199	18,007
1991	295,096	294,807	2,313	727	110,160	206	21,037
1992	333,871	333,582	2,210	782	117,129	216	24,871
1993	369,091	368,803	2,163	873	121,874	216	29,462
1994	400,425	400,137	2,270	902	124,120	218	33,649
1995 (1)	386,494	386,206	2,088	818	119,901	219	33,515
1996	379,353	379,065	2,002	746	115,331	218	32,828
1997	381,520	381,231	1,917	708	113,006	222	33,160
1998	385,691	385,402	1,858	706	111,054	227	34,342
1999	390,888	390,599	1,772	701	109,448	232	35,357
2000	398,316	398,027	1,750	648	108,437	236	36,133
2001 (2)	399,592	399,303	1,739	604	105,933	245	35,971

(1) Ordinary medical insurance was placed under the administration of the National Health Insurance Program in March 1995.

(2) From 2002, the classifications were changed to those shown in Tables 15-1e to 15-1h.

Source: The data are provided by the Bureau of Labor Insurance, Council of Labor Affairs, Executive Yuan, R.O.C. (Taiwan).

15-1b. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Labor Insurance						Farmers' Health Insurance
	Trade and Catering (3)	Transport, Storage and Communications	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
<b>I. Insured Units</b>							
1979	2,997	2,218	923	0	6,676	0	0
1980	4,883	2,479	1,463	0	7,421	0	0
1981	7,482	2,773	1,894	0	8,330	0	0
1982	10,120	3,026	2,113	0	8,874	0	0
1983	13,739	3,294	2,462	0	9,877	0	0
1984	19,368	3,641	3,084	0	11,025	0	0
1985	27,065	4,060	3,915	0	12,582	0	41
1986	36,619	4,453	4,868	0	14,081	0	41
1987	49,535	5,014	6,405	0	16,194	0	99
1988	66,799	5,882	8,900	0	19,331	0	294
1989	83,580	6,649	12,058	0	22,065	0	289
1990	94,893	7,208	14,346	0	24,407	0	289
1991	108,336	7,755	17,126	0	27,147	0	289
1992	125,498	8,406	23,980	0	30,490	0	289
1993	140,820	8,964	28,987	0	35,444	0	288
1994	153,223	8,974	12,931	20,426	40,862	2,562	288
1995	147,495	9,061	12,459	20,191	37,902	2,557	288
1996	146,348	9,270	11,854	20,425	37,467	2,576	288
1997	148,465	9,542	12,036	21,435	38,103	2,637	289
1998	150,391	9,816	11,843	22,898	39,842	2,425	289
1999	153,070	10,122	11,406	24,478	41,563	2,450	289
2000	156,205	10,382	10,996	27,008	43,714	2,518	289
2001	157,102	10,586	10,472	27,865	45,868	2,918	289

(3) "Commerce" has been changed to "Trade and Catering" since 1997.

15-1c. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction
II. Persons							
1979	2,283,516	2,283,516	163,112	39,948	1,387,284	30,902	73,174
1980	2,538,125	2,538,125	168,382	39,832	1,498,444	34,050	92,704
1981	2,781,512	2,781,512	168,949	38,492	1,600,587	36,520	119,333
1982	2,950,119	2,950,119	178,395	35,926	1,630,703	37,147	141,248
1983	3,322,977	3,322,977	190,033	31,090	1,844,622	36,963	162,878
1984	3,693,276	3,693,276	200,022	26,924	2,029,474	36,210	192,189
1985	4,150,211	4,049,472	205,869	25,964	2,128,620	34,921	247,228
1986	4,825,334	4,711,969	215,110	24,441	2,482,047	33,829	309,656
1987	5,539,754	5,321,733	229,976	21,497	2,732,102	32,881	375,074
1988	6,656,618	5,980,157	224,887	19,208	2,902,353	33,260	464,229
1989	7,893,816	6,549,661	245,769	16,280	2,972,502	32,902	538,747
1990	8,424,274	6,852,978	256,580	14,473	2,957,212	34,165	599,841
1991	8,935,121	7,281,445	260,870	13,716	3,054,590	33,255	668,081
1992	9,404,035	7,708,868	269,813	13,658	3,076,198	33,066	748,458
1993	9,852,671	8,144,183	281,131	14,192	3,130,810	32,785	847,161
1994	10,234,623	8,496,883	288,429	13,651	3,161,729	32,062	914,187
1995	9,435,250	7,635,063	272,027	11,279	2,864,376	31,510	793,186
1996	9,246,592	7,434,299	278,707	10,271	2,786,830	30,397	736,981
1997	9,313,177	7,500,917	286,688	10,338	2,803,502	29,997	722,238
1998	9,403,778	7,597,386	301,482	8,464	2,788,895	29,645	722,882
1999	9,539,030	7,738,971	314,676	8,108	2,831,181	29,434	711,285
2000	9,695,289	7,915,789	326,154	7,341	2,863,182	29,598	694,087
2001	9,545,981	7,779,127	341,439	6,360	2,690,549	29,021	676,786

15-1d. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Labor Insurance						Farmers' Health Insurance
	Trade and Catering	Transport, Storage and Communications	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
II. Persons							
1979	95,724	271,655	53,024	0	168,693	0	0
1980	128,633	286,177	70,388	0	219,515	0	0
1981	171,897	299,189	81,260	0	265,285	0	0
1982	209,943	310,810	89,910	0	316,037	0	0
1983	260,962	324,655	103,821	0	367,953	0	0
1984	328,249	338,478	118,713	0	423,017	0	0
1985	406,840	368,290	134,001	0	497,739	0	100,739
1986	510,759	401,525	155,403	0	579,199	0	113,365
1987	651,849	425,727	186,893	0	665,734	0	218,021
1988	823,801	468,499	249,826	0	794,094	0	676,461
1989	986,849	508,914	337,137	0	910,561	0	1,344,155
1990	1,090,874	527,377	377,068	0	995,388	0	1,571,296
1991	1,207,988	546,332	416,167	0	1,080,446	0	1,653,676
1992	1,348,836	568,856	483,978	0	1,166,005	0	1,695,167
1993	1,465,316	586,579	535,841	0	1,250,368	0	1,708,488
1994	1,528,824	591,056	317,470	274,270	1,274,477	100,728	1,737,740
1995	1,310,625	544,085	315,580	244,056	1,148,155	100,184	1,800,187
1996	1,275,283	527,639	321,811	242,060	1,122,436	101,884	1,812,293
1997	1,297,616	522,130	342,748	258,737	1,109,747	117,176	1,812,260
1998	1,324,682	521,719	365,004	284,220	1,137,945	112,448	1,806,392
1999	1,361,790	522,838	374,210	310,187	1,161,769	113,493	1,800,059
2000	1,415,559	531,573	380,347	359,344	1,190,696	117,908	1,779,500
2001	1,406,212	523,369	373,678	371,024	1,223,069	137,620	1,766,854

15-1e. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued) (1) (2)

End of Year	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing
I. Insured Units					
2002	404,741	404,452	1,606	566	104,217
2003	414,081	413,792	1,645	541	103,506
2004	429,319	429,030	1,626	512	103,765
2005	452,187	451,899	1,562	495	104,269
2006	462,521	462,233	1,465	463	104,009
2007	467,322	467,035	1,475	460	103,208
2008	468,918	468,631	1,446	457	101,362
2009	476,483	476,196	1,574	441	99,954

End of Year	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Catering	Transportation, Storage and Communications
I. Insured Units					
2002	247	35,990	155,357	6,728	10,738
2003	251	36,223	159,580	7,174	10,882
2004	248	36,908	166,270	7,926	11,098
2005	248	38,871	176,951	9,205	11,434
2006	249	40,707	180,802	9,977	11,636
2007	253	41,305	181,919	10,415	11,724
2008	250	41,322	182,142	10,908	11,681
2009	251	41,585	185,029	11,861	11,784

(1) The figures are based on the seventh revised edition (Jan. 2001) of the R.O.C.'s Standard Industrial Classification System.

(2) From 2010, the classifications were changed to those shown in Tables 15-1i to 15-1j.

15-1f. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Labor Insurance				
	Finance and Insurance	Real Estate and Rental and Leasing	Professional, Scientific and Technical Services	Educational Services	Health Care and Social Welfare Services
I. Insured Units					
2002	4,921	6,942	25,114	9,515	15,296
2003	5,214	7,239	26,376	10,002	16,404
2004	5,662	8,164	28,154	10,601	17,723
2005	5,809	9,401	30,333	11,644	19,483
2006	5,752	10,350	31,111	12,307	20,276
2007	5,896	10,962	31,931	12,628	21,026
2008	5,983	11,048	32,567	13,009	21,909
2009	6,070	11,209	33,838	13,407	22,948

End of Year	Labor Insurance			Farmers' Health Insurance
	Cultural, Sporting and Recreational Services	Other Services	Public Administration	
I. Insured Units				
2002	4,887	19,493	2,835	289
2003	5,161	20,765	2,829	289
2004	5,308	22,264	2,801	289
2005	5,371	24,035	2,788	288
2006	5,374	24,966	2,789	288
2007	5,347	25,701	2,785	287
2008	5,342	26,406	2,799	287
2009	5,519	27,931	2,795	287

15-1g. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing
II. Persons					
2002	9,606,400	7,857,842	355,547	5,856	2,700,285
2003	9,812,692	8,102,570	361,899	5,556	2,745,176
2004	10,018,477	8,341,927	362,052	5,511	2,810,895
2005	10,186,790	8,540,755	362,903	5,141	2,795,322
2006	10,304,068	8,681,145	364,891	4,951	2,832,438
2007	10,400,815	8,799,405	366,020	4,799	2,864,413
2008	10,368,612	8,795,248	363,635	4,641	2,771,609
2009	10,570,267	9,029,279	374,572	4,599	2,758,917

End of Year	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Catering	Transportation, Storage and Communications
II. Persons					
2002	28,640	678,839	1,233,981	260,381	504,982
2003	28,667	674,535	1,298,189	263,978	496,157
2004	28,029	682,428	1,376,668	277,649	501,756
2005	28,093	695,733	1,437,245	304,613	514,012
2006	28,602	707,363	1,454,666	320,431	510,395
2007	28,547	708,254	1,466,515	331,200	503,350
2008	28,918	699,744	1,467,431	347,339	494,580
2009	29,298	708,793	1,490,436	372,282	500,792

15-1h. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued)

End of Year	Labor Insurance				
	Finance and Insurance	Real Estate and Rental and Leasing	Professional, Scientific and Technical Services	Educational Services	Health Care and Social Welfare Services
II. Persons					
2002	324,878	76,400	298,201	117,470	228,953
2003	329,100	82,453	325,787	124,974	245,579
2004	339,268	92,369	345,262	131,515	263,647
2005	353,038	101,566	366,999	139,170	282,729
2006	350,533	107,631	370,682	150,216	295,754
2007	358,920	113,475	383,680	158,164	309,502
2008	358,212	113,367	393,076	173,153	327,871
2009	351,390	117,864	416,616	221,656	352,554

End of Year	Labor Insurance			Farmers' Health Insurance
	Cultural, Sporting and Recreational Services	Other Services	Public Administration	
II. Persons				
2002	149,684	770,346	123,399	1,748,558
2003	153,551	800,396	166,573	1,710,122
2004	153,961	830,009	140,908	1,676,550
2005	154,348	872,112	127,731	1,646,035
2006	153,836	898,989	129,767	1,622,923
2007	151,417	926,611	124,538	1,601,410
2008	150,609	958,548	142,515	1,573,364
2009	154,934	1,037,172	137,404	1,540,988

## 15-1i. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued) (2)

## I. Insured Units

End of Year	Total	Labor Insurance				
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity and Gas Supply
2010	490,131	489,844	1,465	433	100,519	239
2011	503,933	503,646	1,513	430	101,500	245
2012	509,217	508,930	1,717	402	100,697	255

  

End of Year	Labor Insurance					
	Water Supply and Remediation Services	Construction	Wholesales & Retail Trade	Transportation and Storage	Accommodation and Catering	Information and Communication
2010	3,409	42,835	189,605	9,621	13,015	9,433
2011	3,543	44,014	193,678	9,789	14,624	9,716
2012	3,664	44,589	194,105	9,906	16,157	9,958

  

End of Year	Labor Insurance				
	Finance and Insurance	Real Estate	Professional, Scientific and Technical Services	Support Services	Public Administration and Defense; Compulsory Social Security
2010	6,888	10,731	28,845	12,241	2,724
2011	6,983	11,658	30,153	12,750	2,771
2012	7,007	12,354	30,909	13,110	2,741

  

End of Year	Labor Insurance				Farmers' Health Insurance
	Education	Human Health and Social Work Services	Art, Entertainment and Recreation	Other Services	
2010	13,728	23,947	2,197	17,969	287
2011	13,861	25,042	2,319	19,057	287
2012	14,566	25,000	2,385	19,408	287

(2) The figures are based on the eighth revised edition (2010) of the R.O.C.'s Standard Industrial Classification System.

15-1j. Units and Persons Insured under Labor and Farmers' Insurance Schemes (Continued) (2)

II. Persons

End of Year	Total	Labor Insurance				
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity and Gas Supply
2010	10,905,892	9,397,608	376,611	4,642	2,919,504	24,447
2011	11,204,909	9,725,761	379,175	4,807	3,009,229	24,756
2012	11,164,239	9,709,511	371,016	4,528	2,988,953	24,852

End of Year	Labor Insurance					
	Water Supply and Remediation Services	Construction	Wholesales & Retail Trade	Transportation and Storage	Accommodation and Catering	Information and Communication
2010	55,285	718,498	1,560,513	441,202	396,810	214,145
2011	54,207	731,551	1,638,980	448,820	430,275	225,663
2012	55,352	703,017	1,661,156	438,620	444,950	233,883

End of Year	Labor Insurance				
	Finance and Insurance	Real Estate	Professional, Scientific and Technical Services	Support Services	Public Administration and Defense; Compulsory Social Security
2010	361,216	116,335	323,396	310,489	142,207
2011	366,271	124,012	338,060	322,210	145,899
2012	368,257	127,397	344,576	331,981	133,629

End of Year	Labor Insurance				Farmers' Health Insurance
	Education	Human Health and Social Work Services	Art, Entertainment and Recreation	Other Services	
2010	218,433	369,748	88,429	755,698	1,508,284
2011	232,532	392,299	92,567	764,448	1,479,148
2012	254,265	400,698	90,800	731,581	1,454,728

(2) The figures are based on the eighth revised edition (2010) of the R.O.C.'s Standard Industrial Classification System.

## 15-2a. Premiums and Compensation under Labor and Farmers' Insurance Schemes

Unit: NT\$1,000

Period	Due Premium					
	Total (A)	Labor Insurance				
		Subtotal	Industrial Workers	Workers of Commercial Firms and Shops	Employees in Journalistic, Cultural, or Cooperative Enterprises, & Nonprofit Organizations	Employees in Government Agencies and Schools
1979	7,556,988	7,556,988	5,741,543	562,738	-	407,203
1980	10,182,044	10,182,044	7,612,968	859,658	111,171	545,824
1985	28,252,328	28,175,862	17,315,007	3,663,971	691,529	1,370,456
1987	39,842,257	39,127,386	22,171,851	5,908,711	909,780	1,660,313
1988	50,708,267	48,389,170	25,561,092	8,409,816	1,083,706	1,854,076
1989	68,209,875	61,024,200	29,776,791	12,015,949	1,372,553	2,150,584
1990	85,289,897	72,999,235	32,125,453	15,581,563	1,603,821	2,452,415
1991	99,887,396	86,453,628	36,093,601	19,079,634	1,933,577	2,895,529
1992	118,097,278	104,205,360	42,335,051	24,843,271	2,417,060	3,334,496
1993	137,236,399	123,089,614	47,673,625	31,567,370	2,964,190	3,832,411
1994	152,736,220	138,456,170	51,450,945	36,821,925	3,344,198	4,161,657
1995 (1)	141,880,521	134,902,524	49,362,124	35,921,139	3,371,880	4,092,690
1996	134,923,515	129,408,646	48,340,392	33,925,103	3,439,754	4,203,788
1997	141,008,642	135,381,193	50,826,337	36,512,468	3,697,585	4,414,803
1998	150,100,900	144,495,996	53,976,476	40,513,127	3,993,139	5,365,512
1999	146,893,936	141,303,647	53,965,785	42,132,433	4,222,730	5,814,930
2000	154,497,539	148,968,568	56,482,795	45,697,866	4,478,945	6,146,322
2001	157,245,923	151,779,807	55,653,287	47,670,538	4,706,732	6,654,590
2002	157,924,000	152,578,159	54,236,512	48,199,595	4,814,761	6,774,605
2003	145,851,186	140,484,702	47,738,079	43,480,851	4,258,692	6,138,367
2004	151,689,830	146,421,455	49,313,982	46,411,719	4,448,845	6,339,106
2005	156,020,129	150,870,801	49,637,526	48,911,042	4,641,123	6,311,276
2006	162,975,662	157,918,062	51,894,624	51,125,638	4,883,833	6,533,835
2007	168,998,570	164,025,898	53,663,583	52,474,237	5,048,332	6,834,941
2008	172,625,523	167,751,825	54,197,584	53,403,397	5,169,002	7,093,213
2009	203,025,338	198,280,835	60,204,566	61,689,120	6,320,581	9,393,000
2010	211,869,946	207,149,561	62,953,313	64,533,155	6,523,547	9,447,894
2011	238,797,813	234,167,082	71,967,623	73,706,501	7,265,137	10,077,655
2012	264,707,892	260,174,543	79,813,429	83,017,607	8,117,394	11,209,529

(1) See note (1) of Table 15-1a.

Source: See Table 15-1a.

## 15-2b. Premiums and Compensation under Labor and Farmers' Insurance Schemes (Continued)

Unit: NT\$1,000

Period	Due Premium					
	Labor Insurance					Farmers' Health Insurance
	Workers Employed in Fishery Production	Persons Receiving Training in Vocational Training Organizations	Craft Workers	Class A Members of Fishermen's Associations	Voluntary Insured Persons	
1979	-	-	449,211	236,326	159,967	-
1980	-	2,151	620,896	249,543	179,833	-
1985	-	24,737	4,003,599	616,935	489,628	76,466
1987	-	32,034	6,829,553	655,916	959,228	714,871
1988	195,418	31,964	9,333,392	1,188,332	731,374	2,319,097
1989	218,728	35,571	13,053,653	1,430,520	969,851	7,185,675
1990	209,888	39,366	18,104,093	1,673,419	1,209,217	12,290,662
1991	182,221	47,230	22,811,033	1,894,493	1,516,310	13,433,768
1992	154,395	52,129	27,036,114	2,044,917	1,987,927	13,891,918
1993	144,670	54,115	31,992,384	2,282,827	2,578,022	14,146,785
1994	130,677	63,031	36,889,447	2,480,552	3,113,738	14,280,050
1995	111,551	59,564	36,428,782	2,407,354	3,147,440	6,977,997
1996	106,343	63,260	33,735,435	2,472,924	3,121,647	5,514,869
1997	106,327	69,313	33,628,170	2,736,811	3,389,379	5,627,449
1998	105,841	72,726	33,659,311	3,079,213	3,730,651	5,604,904
1999	101,365	62,857	28,590,527	2,736,269	3,676,753	5,590,289
2000	98,160	82,261	28,806,960	2,924,204	4,251,055	5,528,971
2001	92,036	84,570	29,283,400	3,114,275	4,520,379	5,466,116
2002	88,526	86,088	30,284,791	3,375,267	4,718,014	5,345,841
2003	76,176	86,140	30,819,325	3,575,829	4,311,243	5,366,484
2004	71,315	88,352	31,529,201	3,627,822	4,591,113	5,268,375
2005	64,279	92,177	32,705,268	3,653,505	4,854,606	5,149,328
2006	53,950	93,284	34,420,443	3,699,747	5,212,708	5,057,600
2007	48,089	104,357	36,508,492	3,832,283	5,511,586	4,972,672
2008	42,727	100,307	38,032,123	3,951,589	5,761,882	4,873,698
2009	46,032	136,143	48,242,931	4,892,188	7,356,273	4,744,503
2010	46,167	133,728	50,745,577	5,107,974	7,658,205	4,720,385
2011	48,113	155,993	56,660,272	5,741,727	8,544,060	4,630,731
2012	56,391	165,996	61,829,806	6,404,614	9,559,778	4,533,350

15-2c. Premiums and Compensation under Labor and Farmers' Insurance Schemes (Continued)

Unit: NT\$1,000

Period	Compensation (2)						
	Total (B)	Labor Insurance(3)					
		Industrial Workers	Workers of Commercial Firms and Shops	Employees in Journalistic, Cultural, or Cooperative Enterprises, and Nonprofit Organizations	Employees in Government Agencies and Schools	Workers Employed in Fishery Production	
1979	5,848,806	5,848,806	3,023,763	143,518	-	212,238	-
1980	8,231,107	8,231,107	5,984,940	454,039	47,884	440,272	-
1985	28,207,793	28,200,943	16,904,579	2,923,659	535,937	1,475,663	-
1988	44,094,801	42,446,510	23,067,785	5,665,976	733,371	1,949,639	31,316
1989	59,422,476	53,488,063	26,812,754	8,015,510	958,677	2,188,023	103,637
1990	71,883,862	56,667,223	26,219,250	9,004,763	925,071	2,277,532	123,256
1991	82,069,651	65,808,939	28,871,894	10,095,929	981,935	2,517,184	161,115
1992	124,864,465	96,502,092	39,954,882	17,302,289	1,697,735	3,461,943	134,141
1993	130,549,934	103,241,626	41,237,658	19,317,888	1,810,213	3,789,710	118,357
1994	161,601,280	128,346,763	48,141,413	25,210,397	2,221,549	4,451,890	144,585
1995	163,712,282	138,442,672	47,021,528	27,073,167	1,981,716	3,609,005	121,775
1996	74,967,832	68,898,093	28,601,890	12,052,303	1,024,090	2,842,014	110,261
1997	78,396,757	71,811,502	30,574,199	12,159,233	1,209,788	2,988,930	105,511
1998	99,217,620	89,249,883	39,024,642	15,358,740	1,496,784	3,686,428	123,379
1999	113,603,864	102,437,111	45,173,261	17,256,873	1,610,682	4,157,936	127,156
2000	120,521,196	107,018,651	41,555,238	18,385,397	1,645,380	4,081,562	152,503
2001	142,927,224	129,838,422	56,149,031	23,698,297	2,417,317	4,795,279	179,417
2002	177,489,442	168,811,914	65,968,647	34,819,676	3,053,141	5,812,854	224,687
2003	147,635,530	139,583,169	48,285,036	27,380,575	2,436,560	5,896,473	147,325
2004	158,296,007	148,899,135	47,861,605	29,273,254	2,649,945	5,526,371	150,283
2005	196,681,377	187,880,522	61,126,029	41,700,212	3,552,908	6,081,228	201,944
2006	182,032,546	173,553,028	52,530,508	37,967,127	3,052,476	5,593,703	123,653
2007	201,912,712	193,521,329	56,566,118	42,428,357	3,083,890	6,129,479	147,589
2008	367,014,562	358,294,534	80,011,961	70,400,297	3,578,871	5,631,909	207,469
2009	149,222,369	140,656,106	36,866,979	30,441,533	1,950,107	2,963,288	84,424
2010	139,796,767	131,334,290	31,344,412	27,983,395	1,977,470	3,105,043	56,606
2011	152,976,525	144,482,003	33,336,975	30,099,110	2,047,898	3,419,442	81,965
2012	271,400,066	262,690,503	49,937,740	46,599,043	2,749,241	3,995,103	89,203

(2) Amounts disbursed.

(3) Due to the lack of detailed classification in some cases, the total shown in this table does not tally exactly with the sum of its items.

## 15-2d. Premiums and Compensation under Labor and Farmers' Insurance Schemes (Continued)

Unit: NT\$1,000

Period	Compensation					Comparison Amount (A)-(B)
	Labor Insurance				Farmers' Health Insurance	
	Persons Receiving Training in Vocational Training Organizations	Craft Workers	Class A Members of Fishermen's Associations	Voluntary Insured Persons		
1979	-	256,716	237,788	49,668	-	1,708,182
1980	653	756,076	430,779	116,464	-	1,950,937
1985	16,013	4,963,437	1,044,851	336,804	6,850	44,535
1988	21,162	9,037,973	1,295,416	643,872	1,648,291	6,613,466
1989	26,831	12,664,759	1,780,362	937,510	5,934,413	8,787,399
1990	20,527	14,511,684	2,536,128	1,049,012	15,216,639	13,406,035
1991	18,140	16,843,046	5,144,835	1,174,861	16,260,712	17,817,745
1992	32,697	27,564,953	4,505,629	1,847,823	28,362,373	-6,767,187
1993	25,864	30,165,597	4,799,565	1,976,774	27,308,308	6,686,465
1994	35,536	39,464,758	6,134,010	2,542,625	33,254,517	-8,865,060
1995	25,704	46,596,858	9,636,212	2,376,707	25,269,610	-21,831,761
1996	5,510	20,360,374	2,801,428	1,100,223	6,069,739	59,955,683
1997	5,938	20,829,513	2,556,364	1,374,675	6,585,255	62,611,885
1998	3,853	25,369,290	2,708,969	1,477,346	9,967,737	50,883,280
1999	8,904	28,716,804	3,605,048	1,779,807	11,166,753	33,290,072
2000	4,823	30,152,273	4,080,282	1,842,379	13,502,545	33,976,343
2001	15,228	35,603,725	4,640,124	2,338,417	13,088,802	14,318,699
2002	26,122	48,906,737	5,264,286	4,734,061	8,677,528	-19,565,442
2003	10,334	46,644,420	4,868,972	3,912,464	8,052,361	-1,784,344
2004	15,225	53,322,658	5,665,070	4,431,216	9,396,872	-6,606,177
2005	16,512	62,935,838	6,451,715	5,792,859	8,800,855	-40,661,248
2006	21,741	60,788,826	7,210,273	6,254,393	8,479,518	-19,056,884
2007	142,793	71,554,953	6,591,361	6,835,952	8,391,384	-32,914,142
2008	276,501	177,912,650	11,003,776	9,224,492	8,720,028	-194,389,039
2009	129,395	57,329,218	4,946,931	5,916,536	8,566,263	53,802,970
2010	217,809	56,029,165	4,308,260	6,255,627	8,462,478	72,073,179
2011	253,811	64,812,709	4,265,119	6,115,567	8,494,522	85,821,288
2012	408,859	143,759,509	7,048,409	8,062,968	8,709,562	-6,692,173

15-3a. Compensation from Labor and Farmers' Insurance Schemes by Industry

Period	Compensation						
	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction
I. Cases							
1980	24,207,282	24,207,282	1,412,263	859,955	14,806,644	355,988	754,868
1981	27,016,035	27,016,035	1,455,699	787,383	16,138,436	404,540	981,639
1982	30,113,350	30,113,350	1,525,596	721,849	17,483,295	417,900	1,266,267
1983	32,350,354	32,350,354	1,501,938	662,152	18,433,618	418,221	1,498,007
1984	36,583,405	36,583,405	1,585,434	560,260	20,860,423	429,663	1,773,137
1985	40,559,282	40,554,648	1,678,147	512,130	22,486,105	431,722	2,231,195
1986	43,040,001	42,267,120	1,672,319	469,659	22,959,698	388,751	2,600,954
1987	54,372,433	52,851,053	1,919,728	442,953	28,674,174	416,818	3,459,293
1988	52,438,073	50,135,154	1,683,502	304,187	26,685,396	344,510	3,419,460
1989	81,397,747	72,921,823	2,640,820	304,896	36,867,241	458,133	5,398,478
1990	76,685,474	59,701,501	2,299,123	175,759	27,782,811	338,081	4,744,424
1991	81,094,231	63,404,375	2,589,698	149,707	28,816,454	339,115	5,321,276
1992	157,863,396	118,835,141	4,701,503	232,207	50,768,488	607,440	10,180,711
1993	147,002,892	110,611,851	4,370,071	172,625	44,729,961	465,123	10,047,700
1994	170,417,171	126,358,657	5,162,056	222,867	49,032,728	570,962	12,060,360
1995 (1)	79,281,430	57,903,636	2,412,022	172,169	21,802,826	254,148	5,621,683
1996	623,980	562,285	24,318	1,421	211,742	2,034	60,599
1997	591,476	540,870	23,627	1,114	199,065	1,922	55,758
1998	722,483	626,074	24,927	1,553	264,598	2,132	73,614
1999	777,646	689,926	28,455	7,544	302,456	2,522	71,038
2000	875,039	777,038	30,683	2,187	373,778	3,641	71,049
2001 (2)	1,222,745	1,125,901	31,510	1,882	548,427	3,668	87,220

(1) See note (1) of Table 15-1a.

(2) From 2002, the classifications were changed to those shown in Tables 15-3e to 15-3h.

Source: See Table 15-1a.

15-3b. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation						
	Labor Insurance						Farmers' Health Insurance
	Trade and Catering	Transport, Storage and Communications	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
I. Cases							
1980	899,006	2,655,142	462,180	0	2,001,236	0	0
1981	1,184,593	2,927,848	595,249	0	2,540,648	0	0
1982	1,640,551	3,177,650	712,347	0	3,167,895	0	0
1983	1,994,169	3,376,455	808,362	0	3,657,432	0	0
1984	2,496,218	3,612,574	943,220	0	4,322,476	0	0
1985	3,152,710	3,880,977	1,118,267	0	5,063,395	0	4,634
1986	3,575,779	3,945,855	1,195,908	0	5,458,197	0	772,881
1987	4,908,377	4,532,967	1,510,915	0	6,985,828	0	1,521,380
1988	5,228,666	4,138,309	1,510,414	0	6,820,710	0	2,302,919
1989	8,512,953	5,806,643	2,543,048	0	10,389,611	0	8,475,924
1990	7,801,047	4,769,448	2,582,647	0	9,208,161	0	16,983,973
1991	8,332,251	5,011,082	2,825,672	0	10,019,120	0	17,689,856
1992	17,469,933	9,143,338	5,965,814	0	19,765,707	0	39,028,255
1993	17,038,858	8,335,068	5,866,366	0	19,586,079	0	36,391,041
1994	19,803,415	9,200,818	4,036,510	3,466,150	20,980,218	1,822,573	44,058,514
1995	9,321,918	4,139,510	1,900,504	1,656,411	9,802,292	820,153	21,377,794
1996	86,380	42,691	19,607	15,863	91,454	6,176	61,695
1997	79,695	40,931	19,278	14,658	85,239	6,954	50,606
1998	82,453	47,883	19,970	15,372	85,622	7,950	96,409
1999	86,733	48,162	23,703	17,170	94,087	8,056	87,720
2000	96,111	49,120	27,424	20,081	95,242	7,722	98,001
2001	170,597	62,839	43,277	45,423	121,775	9,283	96,844

15-3c. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation							
	Total	Labor Insurance					Electricity, Gas and Water	Construction
		Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing				
II. Amount (NT\$1,000)								
1980	8,231,107	8,231,107	537,472	474,027	4,417,309	127,963	338,567	
1981	11,626,083	11,626,083	715,157	597,684	6,091,706	176,340	558,272	
1982	15,024,701	15,024,701	898,851	743,205	7,486,403	231,565	806,029	
1983	17,799,425	17,799,425	882,769	1,129,032	8,717,976	267,189	984,656	
1984	22,283,706	22,283,706	1,061,191	1,195,903	10,805,595	324,703	1,301,633	
1985	28,207,793	28,200,943	1,374,565	1,190,428	13,616,046	382,294	1,778,206	
1986	31,442,647	30,920,294	1,840,949	1,222,113	14,308,249	395,929	2,072,128	
1987	39,507,709	38,435,166	1,725,792	1,515,107	17,897,828	441,004	2,743,252	
1988	44,094,801	42,446,510	1,872,965	1,307,711	19,755,560	480,157	3,118,049	
1989	59,422,476	53,488,063	2,531,949	1,087,397	24,076,626	570,114	4,297,323	
1990	71,883,862	56,667,223	3,207,316	783,200	24,463,300	592,955	4,746,348	
1991	82,069,651	65,808,939	5,948,453	560,149	27,074,989	683,636	5,586,160	
1992	124,864,465	96,502,092	5,604,890	583,061	39,566,154	854,899	8,389,231	
1993	130,549,934	103,241,626	5,959,806	528,115	40,893,087	891,997	9,433,276	
1994	161,601,280	128,346,763	7,727,440	621,811	48,540,690	1,339,663	12,304,748	
1995	163,712,282	138,442,672	11,351,122	836,392	49,910,081	910,737	13,968,760	
1996	74,967,832	68,898,093	3,697,055	561,479	27,051,906	1,043,060	6,414,421	
1997	78,396,757	71,811,502	3,521,222	522,409	28,565,711	1,063,095	6,687,263	
1998	99,217,620	89,249,883	3,805,742	507,812	35,028,431	1,084,702	8,170,987	
1999	113,603,864	102,437,111	4,903,282	1,984,922	38,906,204	1,329,881	9,319,089	
2000	120,521,196	107,018,651	5,414,231	637,504	40,502,599	1,341,010	9,391,749	
2001	142,927,224	129,838,422	6,086,234	535,232	54,298,151	1,402,023	11,025,238	

15-3d. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation						
	Labor Insurance						Farmers' Health Insurance
	Trade and Catering	Transport, Storage and Communications	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
II. Amount (NT\$1,000)							
1980	321,771	1,061,398	131,125	0	821,475	0	0
1981	575,647	1,381,484	208,269	0	1,321,524	0	0
1982	895,862	1,800,342	308,841	0	1,853,603	0	0
1983	1,126,669	2,060,048	413,406	0	2,217,680	0	0
1984	1,597,764	2,552,648	524,888	0	2,919,381	0	0
1985	2,267,157	3,091,404	706,062	0	3,794,781	0	6,850
1986	2,609,637	3,392,178	794,704	0	4,284,407	0	522,353
1987	3,694,318	3,942,923	1,014,679	0	5,460,263	0	1,072,543
1988	4,403,139	4,355,160	1,149,573	0	6,004,196	0	1,648,291
1989	6,142,468	5,365,758	1,664,747	0	7,751,681	0	5,934,413
1990	6,787,216	5,670,422	2,014,563	0	8,401,903	0	15,216,639
1991	7,553,124	6,398,697	2,423,591	0	9,580,140	0	16,260,712
1992	13,119,894	8,968,627	4,241,243	0	15,174,093	0	28,362,373
1993	14,382,624	9,894,799	4,830,524	0	16,427,398	0	27,308,308
1994	17,998,014	12,480,691	3,406,410	3,031,701	18,750,506	2,145,089	33,254,517
1995	20,035,325	13,550,081	3,171,198	3,193,521	19,767,083	1,748,372	25,269,610
1996	8,278,744	8,151,729	1,810,833	1,327,047	9,192,909	1,368,910	6,069,739
1997	8,370,872	8,710,525	2,053,641	1,339,997	9,226,312	1,743,104	6,585,255
1998	10,099,793	12,896,014	2,648,179	1,687,007	11,047,277	2,273,487	9,967,737
1999	11,262,500	14,710,318	2,983,346	1,993,407	12,619,999	2,423,521	11,166,753
2000	11,624,435	12,117,777	3,372,215	2,251,293	12,954,051	2,292,975	13,502,545
2001	14,740,480	15,079,403	4,443,620	3,142,509	16,436,544	2,647,400	13,088,802

15-3e. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued) (1)

Period	Compensation				
	Labor Insurance				
	Total	Subtotal	Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing
<b>I. Cases</b>					
2002	2,105,231	2,035,642	39,997	2,375	950,739
2003	1,244,377	1,182,692	33,119	1,613	554,865
2004	1,559,711	1,491,592	36,046	1,579	716,720
2005	1,409,876	1,346,899	34,204	1,450	625,852
2006	1,357,168	1,297,393	34,080	1,081	591,006
2007	2,008,564	1,949,517	41,067	1,427	910,574
2008	2,289,541	2,229,909	52,745	1,373	901,801
2009	1,584,478	1,526,630	37,664	1,583	659,255
2009 (2)	67,218	67,218	3,142	220	22,078

Period	Compensation				
	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Catering	Transportation, Storage and Communications
<b>I. Cases</b>					
2002	4,454	245,450	262,240	46,621	108,559
2003	3,399	161,834	118,719	30,872	71,044
2004	4,389	199,148	149,148	36,721	84,300
2005	4,020	157,988	144,075	33,633	74,950
2006	4,117	143,518	147,099	35,123	71,553
2007	7,250	202,988	224,939	53,615	97,164
2008	6,373	246,556	279,246	74,105	124,036
2009	5,147	149,819	186,272	46,673	79,283
2009 (2)	409	7,832	7,103	2,657	6,068

(1) See note (1) of Table 15-1e; and from 2010, the classifications were changed to those shown in Tables 15-3i to 15-3j.

(2) Refers to pension benefit payments launched since 2009 (in persons).

15-3f. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation				
	Labor Insurance				
	Finance and Insurance	Real Estate and Rental and Leasing	Professional, Scientific and Technical Services	Educational Services	Health Care and Social Welfare Services
I. Cases					
2002	51,924	20,272	58,905	16,300	44,781
2003	23,129	6,947	20,833	9,076	34,007
2004	25,054	8,308	27,298	11,479	49,561
2005	25,132	8,488	26,237	10,171	44,730
2006	26,326	9,644	29,507	11,005	44,935
2007	35,897	13,679	44,434	17,278	73,410
2008	47,364	19,055	56,948	22,433	83,115
2009	34,675	13,263	39,800	16,822	58,847
2009 (2)	1,342	771	1,618	574	754

  

Period	Compensation			
	Labor Insurance			Farmers' Health Insurance
	Cultural, Sporting and Recreational Services	Other Services	Public Administration	
I. Cases				
2002	39,771	120,912	22,342	69,589
2003	15,200	85,602	12,433	61,685
2004	16,928	103,655	16,368	68,119
2005	15,453	103,188	12,770	62,977
2006	16,091	107,569	13,953	59,775
2007	22,395	152,635	20,714	59,047
2008	28,770	213,214	24,492	59,632
2009	18,188	136,943	18,273	57,848
2009 (2)	1,056	10,176	863	–

15-3g. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation				
	Total	Subtotal	Labor Insurance		
			Agriculture, Forestry, Fishery and Animal Husbandry	Mining and Quarrying	Manufacturing
<b>II. Amount (NT\$1,000)</b>					
2002	177,489,442	168,811,914	7,074,190	392,501	66,207,840
2003	147,635,529	139,583,169	6,578,218	328,915	48,487,773
2004	158,296,007	148,899,135	7,381,695	263,265	50,139,747
2005	196,681,377	187,880,522	8,564,582	333,410	64,775,551
2006	182,032,546	173,553,028	9,133,705	190,289	56,674,291
2007	201,912,712	193,521,329	8,733,102	298,109	62,544,944
2008	367,014,561	358,294,534	15,743,766	312,176	110,158,517
2009	142,656,119	134,089,856	6,376,269	141,025	42,983,567
2009 (2)	6,566,249	6,566,249	241,191	14,433	2,250,428

Period	Compensation				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Catering	Transportation, Storage and Communications
<b>II. Amount (NT\$1,000)</b>					
2002	1,257,223	14,708,433	18,219,123	4,540,679	20,103,629
2003	1,341,131	13,078,853	14,927,371	4,228,795	19,040,481
2004	1,474,500	14,586,275	16,164,628	4,589,342	19,147,602
2005	1,477,839	17,832,690	23,680,514	5,724,086	21,376,903
2006	1,383,232	16,547,823	21,464,554	5,415,618	18,912,132
2007	1,648,977	19,380,929	24,806,659	6,292,503	20,691,960
2008	1,226,084	44,902,421	43,751,971	14,881,737	36,429,550
2009	364,693	15,171,906	16,785,725	4,883,306	11,858,050
2009 (2)	30,710	767,551	697,702	242,812	640,741

(2) Refers to pension benefit payments launched since 2009.

15-3h. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued)

Period	Compensation				
	Labor Insurance				
	Finance and Insurance	Real Estate and Rental and Leasing	Professional, Scientific and Technical Services	Educational Services	Health Care and Social Welfare Services
II. Amount (NT\$1,000)					
2002	4,831,392	1,608,465	3,780,720	1,533,393	2,049,292
2003	3,597,069	1,315,785	2,934,884	1,547,132	2,126,379
2004	3,996,354	1,431,807	3,279,798	1,584,925	2,151,040
2005	5,129,042	1,985,655	4,489,001	1,751,618	2,772,129
2006	4,704,360	2,373,328	4,378,638	1,670,118	2,597,837
2007	5,035,763	2,058,998	5,170,072	2,036,079	2,960,334
2008	7,650,166	3,840,882	8,361,894	2,371,866	3,908,379
2009	3,804,890	1,633,051	3,395,436	1,079,409	2,099,408
2009 (2)	138,440	70,118	162,966	51,995	72,036

Period	Compensation			
	Labor Insurance			Farmers' Health Insurance
	Cultural, Sporting and Recreational Services	Other Services	Public Administration	
II. Amount (NT\$1,000)				
2002	3,391,793	15,924,804	3,186,734	8,677,528
2003	2,554,159	14,104,497	3,390,718	8,052,361
2004	2,547,873	16,878,044	3,278,732	9,396,872
2005	3,298,052	21,341,270	3,326,903	8,800,855
2006	3,386,617	21,490,681	3,219,477	8,479,518
2007	3,422,888	24,771,052	3,628,125	8,391,384
2008	6,120,050	55,224,056	3,364,412	8,720,028
2009	2,308,346	19,615,067	1,565,094	8,566,263
2009 (2)	105,196	994,424	76,816	–

## 15-3i. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued) (3)

End of Year	Total	Labor Insurance									
		Subtotal	Agriculture, Forestry, Fishery & Animal Husbandry	Mining & Quarrying	Manufacturing	Electricity and Gas Supply	Water Supply & Remediation Services	Construction	Wholesales & Retail Trade	Transportation and Storage	Accommodation and Catering
<b>I.1 Real Benefit Payments Excluding Pension Benefit Payments (in cases)</b>											
2010	2,379,904	2,323,492	50,930	1,554	900,420	6,440	19,044	248,820	303,958	108,702	83,958
2011	2,072,794	2,015,935	47,038	1,396	784,525	5,988	15,385	206,137	264,635	94,413	76,301
2012	2,598,511	2,542,277	53,869	1,587	1,004,410	6,097	18,409	266,001	324,482	122,691	103,013
<b>I.2 Pension Benefit Payments (in persons)</b>											
2010	121,446	121,446	5,767	271	38,053	607	938	14,221	13,024	10,752	4,877
2011	193,836	193,836	9,140	338	58,475	853	1,544	23,026	20,942	17,422	7,981
2012	326,545	326,545	14,737	414	95,173	1,208	2,485	40,507	34,896	29,270	14,373
<b>II.1 Real Benefit Payments Excluding Pension Benefit Payments (in amount, NT\$1,000)</b>											
2010	124,387,072	115,924,594	5,326,811	113,624	33,832,100	285,820	946,749	13,464,064	14,775,632	9,958,751	4,449,932
2011	126,345,265	117,850,743	5,113,606	86,065	34,043,413	286,461	918,999	14,183,073	15,106,045	10,030,204	4,760,947
2012	227,561,645	218,852,083	9,314,568	162,907	62,372,217	362,699	1,588,679	30,158,446	25,526,231	19,584,689	10,182,337
<b>II.2 Pension Benefit Payments (in amount, NT\$1,000)</b>											
2010	15,409,696	15,409,696	604,875	24,202	4,933,846	67,127	126,760	1,783,808	1,628,273	1,549,533	557,783
2011	26,631,259	26,631,259	1,030,951	37,643	8,169,406	138,949	232,634	3,122,048	2,850,436	2,702,701	993,514
2012	43,838,420	43,838,420	1,695,169	50,671	12,948,333	233,655	364,630	5,315,644	4,692,389	4,509,016	1,705,351

(3)Due to the lack of detailed classification in some cases, the total shown in this table does not tally exactly with the sum of its items.

15-3j. Compensation from Labor and Farmers' Insurance Schemes by Industry (Continued) (4)

End of Year	Insurance										Farmers' Health Insurance
	Information & Communication	Finance & Insurance	Real Estate	Professional, Scientific and Technical Services	Support Services	Public Administration & Defense; Compulsory Social Security	Education	Human Health & Social Work Services	Art, Entertainment & Recreation	Other Services	
<b>I.1 Real Benefit Payments Excluding Pension Benefit Payments (in cases)</b>											
2010	29,982	54,558	18,532	53,243	57,809	33,552	32,042	102,445	18,327	153,535	56,412
2011	26,562	47,597	16,238	45,327	54,545	29,985	28,727	89,863	17,011	140,078	56,859
2012	33,262	59,901	21,166	56,923	67,429	36,053	35,654	110,056	21,286	184,479	56,234
<b>I.2 Pension Benefit Payments (in persons)</b>											
2010	1,204	2,664	1,370	2,625	3,136	1,857	1,292	1,596	1,240	15,619	-
2011	1,936	4,335	2,207	4,206	5,231	3,087	2,230	2,745	2,076	25,619	-
2012	3,200	6,810	3,607	7,131	9,015	4,590	3,721	4,454	3,691	46,713	-
<b>II.1 Real Benefit Payments Excluding Pension Benefit Payments (in amount, NT\$1,000)</b>											
2010	1,594,834	3,253,317	1,253,245	2,507,628	3,161,525	1,540,507	1,151,699	2,083,074	1,261,436	14,926,031	8,462,478
2011	1,560,773	3,203,660	1,278,227	2,506,287	3,380,525	1,567,499	1,138,437	2,094,926	1,339,493	15,219,333	8,494,522
2012	2,499,258	3,963,587	2,233,874	4,268,225	5,586,296	1,587,208	1,729,800	3,044,676	2,914,431	31,755,008	8,709,562
<b>II.2 Pension Benefit Payments (in amount, NT\$1,000)</b>											
2010	160,912	374,963	164,610	345,102	358,957	226,107	148,788	193,452	152,080	1,986,029	-
2011	277,670	675,297	288,719	600,730	646,095	424,167	288,307	369,822	276,875	3,484,941	-
2012	433,847	1,053,038	466,054	989,538	1,096,059	699,179	485,792	607,534	474,503	5,990,732	-

(4) The figures are based on the eighth revised edition (2010) of the R.O.C.'s Standard Industrial Classification System.

15-4a. Compensation from Labor Insurance by Category of Payment

Period	Total	Cash Benefit Payments							Medical Benefit Payments
		Subtotal	Maternity Benefit Payments	Injury or Illness Benefit Payments	Disability Benefit Payments	Old-age Benefit Payments	Death Benefit Payments	Unemployment Benefit Payments	
I. Cases									
1979	20,979,812	192,417	123,183	21,754	5,192	11,652	30,636	0	20,787,395
1980	24,207,282	223,757	129,191	40,467	5,655	13,883	34,561	0	23,983,525
1985	40,554,648	373,271	171,819	116,587	9,731	24,545	50,589	0	40,181,377
1990	59,701,501	544,448	251,012	119,491	11,949	35,209	56,087	0	59,157,053
1993	110,611,851	712,953	320,283	250,607	16,607	40,734	84,722	0	109,898,898
1994	126,358,657	740,725	326,424	257,447	17,297	52,219	87,338	0	125,617,932
1995 (1)	57,903,636	733,513	250,307	168,224	19,391	206,369	89,222	0	57,170,123
1996	562,285	549,369	180,748	149,882	17,982	108,692	92,065	0	12,916
1997	540,870	525,456	166,681	153,076	18,757	94,786	92,156	0	15,414
1998	626,074	522,573	131,985	165,310	33,812	98,520	92,946	0	103,501
1999	689,926	603,856	134,578	179,497	52,296	103,187	94,827	39,471	86,070
2000	777,038	671,683	141,189	189,350	45,651	92,863	97,403	105,227	105,355
2001	1,125,901	1,055,243	120,298	193,636	42,470	115,275	97,713	485,851	70,658
2002	2,035,642	1,186,303	108,593	189,226	42,007	136,649	98,182	611,646	849,339
2003	1,182,692	525,320	99,731	176,077	36,191	113,968	99,353	0	657,372
2004	1,491,592	555,565	99,595	192,909	36,623	121,666	104,772	0	936,027
2005	1,346,899	587,003	100,658	188,038	34,877	155,151	108,279	0	759,896
2006	1,297,393	571,320	101,386	195,760	35,090	131,363	107,721	0	726,073
2007	1,949,517	601,006	106,339	207,089	34,451	142,053	111,074	0	1,348,511
2008	2,229,909	770,197	110,374	217,821	33,873	293,635	114,494	0	1,459,712
2009	1,526,630	625,579	114,538	212,477	31,366	153,058	114,140	0	901,051
2009 (2)	67,218	67,218	0	0	731	65,632	855	0	0
2010	2,323,492	553,057	102,317	215,495	30,053	88,431	116,761	0	1,770,435
2010 (2)	121,446	121,446	0	0	735	118,502	2,209	0	0
2011	2,015,935	577,096	123,797	217,104	28,864	85,334	121,997	0	1,438,839
2011 (2)	193,836	193,836	0	0	1,046	188,716	4,074	0	0
2012	2,542,277	674,782	147,206	216,518	29,183	157,794	124,081	0	1,867,495
2012 (2)	326,545	326,545	0	0	1,417	318,973	6,155	0	0

(1) See note (1) of Table 15-1a; (2) See note (2) of Table 15-3e.

Source: See Table 15-1a.

15-4b. Compensation from Labor Insurance by Category of Payment (Continued)

Period	Total	Cash Benefit Payments							Medical Benefit Payments
		Subtotal	Maternity Benefit Payments	Injury or Illness Benefit Payments	Disability Benefit Payments	Old-age Benefit Payments	Death Benefit Payments	Unemployment Benefit Payments	
II. Amount (NT\$1,000)									
1979	5,848,806	2,692,181	465,149	71,743	211,063	1,071,688	872,538	0	3,156,625
1980	8,231,107	3,543,791	592,031	109,046	246,952	1,381,795	1,213,968	0	4,687,316
1985	28,200,943	10,253,804	1,862,738	465,208	821,449	3,757,409	3,347,000	0	17,947,139
1990	56,667,223	25,063,722	4,643,707	790,731	1,054,928	9,875,556	8,698,800	0	31,603,501
1993	103,241,626	43,157,089	7,561,189	1,218,343	1,934,190	17,591,244	14,852,124	0	60,084,537
1994	128,346,763	55,244,294	8,240,826	1,380,528	2,252,579	26,284,371	17,085,991	0	73,102,469
1995	138,442,672	92,360,494	5,391,278	1,225,742	3,336,340	64,277,837	18,129,298	0	46,082,178
1996	68,898,093	68,883,602	3,557,150	1,329,078	3,654,279	41,746,762	18,596,334	0	14,491
1997	71,811,502	71,795,330	3,479,662	1,493,933	3,986,237	43,804,614	19,030,884	0	16,172
1998	89,249,883	86,280,847	2,921,526	1,801,762	8,850,275	53,151,800	19,555,483	0	2,969,037
1999	102,437,111	101,428,197	3,131,457	2,273,835	13,019,655	62,340,483	20,146,397	516,371	1,008,914
2000	107,018,651	100,882,032	3,366,031	2,625,701	11,123,781	61,129,249	20,972,751	1,664,519	6,136,619
2001	129,838,422	129,371,377	2,934,533	2,591,119	10,956,959	84,137,766	20,925,560	7,825,440	467,046
2002	168,811,914	166,941,630	2,689,447	2,481,261	10,246,352	120,668,543	20,651,908	10,204,120	1,870,284
2003	139,583,169	137,798,924	2,492,707	2,450,510	8,771,951	103,200,785	20,882,972	0	1,784,244
2004	148,899,135	147,071,314	2,514,024	2,681,654	8,682,816	111,330,077	21,862,742	0	1,827,821
2005	187,880,522	185,965,543	2,573,172	2,715,772	8,413,751	149,647,800	22,615,048	0	1,914,979
2006	173,553,028	171,672,482	2,642,336	2,934,663	8,929,945	134,399,188	22,766,349	0	1,880,547
2007	193,521,329	190,280,831	2,816,589	3,046,989	8,569,992	152,534,198	23,313,063	0	3,240,498
2008	358,294,534	356,287,174	2,968,860	3,326,565	8,623,458	317,143,713	24,224,578	0	2,007,360
2009	134,089,856	131,189,378	3,083,185	3,440,002	7,929,429	94,185,468	22,551,294	0	2,900,479
2009 (2)	6,566,249	6,566,249	0	0	45,082	6,425,722	95,446	0	0
2010	115,924,594	112,789,935	2,755,303	3,678,508	7,382,597	76,438,196	22,535,333	0	3,134,658
2010 (2)	15,409,696	15,409,696	0	0	102,567	14,996,695	310,434	0	0
2011	117,850,743	114,924,233	3,355,471	3,865,797	7,145,311	77,279,364	23,278,290	0	2,926,510
2011 (2)	26,631,259	26,631,259	0	0	126,999	25,911,501	592,759	0	0
2012	218,852,083	215,487,289	4,031,613	3,894,128	7,545,554	176,767,803	23,248,191	0	3,364,794
2012 (2)	43,838,420	43,838,420	0	0	173,881	42,755,682	908,857	0	0

324 (2) See note (2) of Table 15-3g.

15-5a. Compensation from Farmers' Insurance by Category of Payment

Period	Total	Cash Benefit Payments				Medical Benefit Payments
		Subtotal	Maternity Benefit Payments	Disability Benefit Payments	Funeral Grants	
I. Cases						
1985	4,634	250	93	0	157	4,384
1988	2,302,919	4,960	1,061	0	3,899	2,297,959
1989	8,475,924	16,122	2,101	84	13,937	8,459,802
1990	16,983,973	35,308	7,218	808	27,282	16,948,665
1991	17,689,856	46,035	15,073	1,121	29,841	17,643,821
1992	39,028,255	48,893	16,994	1,408	30,491	38,979,362
1993	36,391,041	51,785	18,952	1,400	31,433	36,339,256
1994	44,058,514	54,087	20,395	1,560	32,132	44,004,427
1995 (1)	21,377,794	50,029	14,153	2,151	33,725	21,327,765
1996	61,695	51,033	12,726	3,160	35,147	10,662
1997	50,606	50,596	10,669	5,896	34,031	10
1998	96,409	96,409	46,073	17,491	32,845	0
1999	87,720	87,720	28,377	27,902	31,441	0
2000	98,001	98,001	25,460	45,634	26,907	0
2001	96,844	96,844	21,992	47,967	26,885	0
2002	69,589	69,589	17,834	25,741	26,014	0
2003	61,685	61,685	14,748	20,604	26,333	0
2004	68,119	68,119	13,074	23,049	31,996	0
2005	62,977	62,977	10,663	22,547	29,767	0
2006	59,775	59,775	9,042	22,049	28,684	0
2007	59,047	59,047	7,804	21,585	29,658	0
2008	59,632	59,632	6,946	22,662	30,024	0
2009	57,848	57,848	6,069	22,226	29,553	0
2010	56,412	56,412	4,998	21,507	29,907	0
2011	56,859	56,859	5,101	20,867	30,891	0
2012	56,234	56,234	5,314	20,166	30,754	0

(1) See note (1) of Table 15-1a.

Source: See Table 15-1a.

15-5b. Compensation from Farmers' Insurance by Category of Payment (Continued)

Period	Total	Cash Benefit Payments				Medical Benefit Payments
		Subtotal	Maternity Benefit Payments	Disability Benefit Payments	Funeral Grants	
II. Amount (NT\$1,000)						
1985	6,850	6,092	1,147	0	4,945	758
1988	1,648,291	184,343	17,967	0	166,376	1,463,948
1989	5,934,413	1,403,885	40,415	5,620	1,357,850	4,530,528
1990	15,216,639	4,380,487	146,119	64,833	4,169,535	10,836,152
1991	16,260,712	4,956,876	307,076	85,045	4,564,755	11,303,836
1992	28,362,373	5,106,711	344,209	97,271	4,665,231	23,255,662
1993	27,308,308	5,290,562	382,367	98,376	4,809,819	22,017,746
1994	33,254,517	5,440,809	409,040	115,573	4,916,196	27,813,708
1995	25,269,610	5,611,877	200,787	251,165	5,159,925	19,657,733
1996	6,069,739	6,061,220	129,979	553,768	5,377,473	8,519
1997	6,585,255	6,583,491	108,773	1,267,975	5,206,743	1,763
1998	9,967,737	9,967,375	1,270,471	3,671,619	5,025,285	362
1999	11,166,753	11,166,814	580,829	5,775,512	4,810,473	-61
2000	13,502,545	13,525,186	521,312	8,887,104	4,116,771	-22,641
2001	13,088,802	13,088,793	448,800	8,526,588	4,113,405	9
2002	8,677,528	8,677,528	365,242	4,332,144	3,980,142	0
2003	8,052,361	8,050,472	302,981	3,718,543	4,028,949	1888
2004	9,396,873	9,396,872	267,026	4,234,459	4,895,388	0
2005	8,800,855	8,800,740	218,719	4,027,671	4,554,351	115
2006	8,479,518	8,479,518	185,660	3,905,206	4,388,652	0
2007	8,391,384	8,391,384	160,324	3,693,386	4,537,674	0
2008	8,720,028	8,720,028	141,892	3,984,463	4,593,672	0
2009	8,566,263	8,566,263	124,134	3,920,520	4,521,609	0
2010	8,462,478	8,462,478	102,398	3,784,309	4,575,771	0
2011	8,494,522	8,494,522	105,233	3,662,966	4,726,323	0
2012	8,709,562	8,709,562	109,385	3,894,816	4,705,362	0

15-6. Units Insured under Government Employee Insurance and Related Insurance Programs

End of Year	Government Employee Insurance (GEI)	Health Insurance for Government Employees' Dependents (3) (HIGED)	Retired Government Employee Insurance (RGEI)	Health Insurance for Retired Government Employees (2) (HIRGE)	Health Insurance for Spouses of Retired Government Employees (2) (HISRGE)	Insurance for Teaching and Administrative Staff of Private Schools (ITASPS)	Health Insurance for Dependents of Teaching and Administrative Staff of Private Schools (3) (HIDTASPS)	Health Insurance for Retired Teaching and Administrative Staff of Private Schools and their Spouses (2) (HIRTASPS) & (HISRTASPS)	Health Insurance for Retired Employees and Their Dependents of Government Organizations and Private Schools (3) (HIRETDGOPS)
1960	3,763	0	0	0	0	0	0	0	0
1965	3,909	0	600	0	0	0	0	0	0
1970	4,626	0	1,245	0	0	0	0	0	0
1975	4,875	0	1,691	0	0	0	0	0	0
1980	5,250	0	1,856	0	0	199	0	0	0
1985 (1)	5,528	5,439	1,446	3,804	3,273	308	0	83	0
1986	5,558	5,455	1,270	3,970	3,433	307	0	106	0
1987	5,593	5,487	1,183	4,305	3,831	308	0	141	0
1988	5,653	5,539	1,128	4,464	4,037	309	0	154	0
1989	5,693	5,662	1,087	4,226	3,803	309	0	165	0
1990	5,754	5,700	1,052	4,248	3,802	316	274	174	0
1991	5,804	5,740	1,027	4,336	3,892	318	295	181	0
1992	6,256	6,243	1,000	4,488	4,026	318	311	183	0
1993	6,566	6,553	981	4,890	4,362	320	316	197	0
1994 (2)	6,690	6,676	949	0	0	322	320	0	5,245
1995 (3)	6,818	0	780	0	0	326	0	0	0
1996	7,145	0	709	0	0	327	0	0	0
1997	7,569	0	666	0	0	329	0	0	0
1998 (4)	7,129	0	609	0	0	335	0	0	0

(1) No new policies were issued under Insurance for Retired Teaching and Administrative Staff of Private Schools as from July 1985. Old policy-holders as well as the newly retired can take out policies issued under HIRTASPS.

(2) HIRGE, HISRGE, HIRTASPS and HISRTASPS were integrated as HIRETDGOPS from April 1, 1994.

(3) After the implementation of National Health Insurance on March 1, 1995, the administration of medical care benefits provided by all the policies was transferred to the Bureau of National Health Insurance while the Government Employee Insurance Department still implements the enrollment and cash benefits of the GEI, ITASPS and RGEI.

(4) Government Employee Insurance (GEI) and Insurance for Teaching and Administrative Staff of Private Schools (ITASPS) were integrated as Government Employee and School Staff Insurance (GESSI) from May 31, 1999. For data on these programs from 1999 onward, please refer to Tables 15-11 to 15-15.

Source: The data are provided by the Central Trust of China, R.O.C.

15-7. Persons Insured under Government Employee Insurance and Related Insurance Programs

Unit: Persons

End of Year	Total	Government Employee Insurance	Health Insurance for Government Employees' Dependents (3)	Retired Government Employee Insurance	Health Insurance for Retired Government Employees (2)	Health Insurance for Spouses of Retired Government Employees (2)	Insurance for Teaching & Administrative Staff of Private Schools	Health Insurance for Dependents of Teaching and Administrative Staff of Private Schools (3)	Health Insurance for Retired Teaching & Administrative Staff of Private Schools and Their Spouses (2)	Health Insurance for Retired Employees and Their Dependents of Government Organizations and Private Schools (3)
1958	172,469	172,469	0	0	0	0	0	0	0	0
1960	203,909	203,909	0	0	0	0	0	0	0	0
1965	241,955	240,261	0	1,694	0	0	0	0	0	0
1970	298,667	293,531	0	5,136	0	0	0	0	0	0
1975	367,053	359,034	0	8,019	0	0	0	0	0	0
1980	435,455	415,191	0	9,212	0	0	11,052	0	0	0
1982	652,509	443,783	176,030	9,327	0	0	23,369	0	0	0
1983	664,039	452,881	176,937	9,637	0	0	24,584	0	0	0
1984	683,927	468,577	179,573	9,922	0	0	25,673	0	182	0
1985 (1)	754,928	475,663	180,360	4,952	41,406	26,087	26,277	0	183	0
1986	778,066	483,473	180,739	4,222	49,976	32,241	26,974	0	441	0
1987	815,179	489,772	179,688	3,632	68,080	45,649	27,723	0	635	0
1988	832,098	496,175	176,749	3,352	73,877	53,045	28,110	0	790	0
1989	1,041,853	515,387	385,632	3,155	62,332	45,973	28,529	0	845	0
1990	1,078,449	536,775	390,239	2,921	64,913	47,490	31,213	3,954	944	0
1991	1,103,236	549,615	388,012	2,747	68,041	49,331	33,883	10,529	1,078	0
1992	1,707,301	560,127	950,307	2,579	70,490	50,880	36,075	35,690	1,153	0
1993	1,759,843	572,122	976,771	2,409	74,085	53,389	39,442	40,271	1,354	0
1994 (2)	1,793,094	581,047	982,642	2,193	0	0	42,864	44,038	0	140,310
1995 (3)	634,543	588,354	0	1,710	0	0	44,479	0	0	0
1996	645,592	597,895	0	1,510	0	0	46,187	0	0	0
1997	649,267	600,026	0	1,363	0	0	47,878	0	0	0
1998 (4)	625,774	574,364	0	1,208	0	0	50,202	0	0	0

(1),(2),(3),(4) See notes of Table 15-6.

Source: See Table 15-6.

15-8. Receipts and Expenditures of Government Employee Insurance

Unit: NT\$1,000

Period	Receipts				Expenditures							Surplus or Deficit	
	Total (A)	Premiums	Registration Fees	Others	Total (B)	Medical Expenses	Cash Benefits	Refund of Premiums	Reserve Fund	Costs of Administration	Others	Amount (C=A-B)	Percentage (C/B x 100)
1958	6,854	6,847	7	0	2,104	1,303	322	0	0	479	0	4,750	226
1960	90,503	86,850	3,653	0	142,882	113,478	13,794	145	8,047	6,079	1,339	-52,379	-37
1965	185,077	173,408	4,369	7,300	204,812	138,753	36,910	336	16,793	11,914	106	-19,735	-10
1969	383,171	366,161	4,885	12,125	377,618	206,195	119,140	524	29,728	21,339	692	5,553	1
1970	445,587	427,161	5,419	13,007	437,546	241,746	154,817	646	14,857	24,639	841	8,041	2
1975	837,326	800,445	24,253	12,628	907,493	451,203	405,330	5	0	50,757	198	-70,167	-8
1978	1,498,631	1,467,619	26,731	4,281	1,638,125	639,808	927,916	0	0	68,204	2,197	-139,494	-9
1979	1,846,849	1,814,869	27,246	4,734	2,181,323	768,214	1,326,516	0	0	84,938	1,655	-334,474	-15
1980	2,418,933	2,388,160	28,129	2,644	2,801,925	1,002,394	1,688,145	0	0	102,930	8,456	-382,992	-14
1981	3,396,851	3,363,892	30,176	2,783	4,028,089	1,371,576	2,529,390	0	0	121,633	5,490	-631,238	-16
1982	3,718,804	3,660,475	55,188	3,141	4,625,764	1,565,612	2,914,438	0	0	129,595	16,119	-906,960	-20
1983	3,856,418	3,766,679	65,603	24,136	4,743,226	1,841,569	2,748,870	0	0	124,523	28,264	-886,808	-19
1984	4,176,563	4,096,035	67,664	12,864	5,268,715	2,213,083	2,889,961	0	0	137,868	27,803	-1,092,152	-21
1985	4,936,648	4,849,081	72,721	14,846	6,313,264	2,541,691	3,581,829	0	0	159,649	30,095	-1,376,616	-22
1986	5,430,401	5,371,443	52,887	6,071	7,066,195	2,681,821	4,185,739	0	0	167,457	31,178	-1,635,794	-23
1987	5,866,620	5,830,197	28,385	8,038	8,082,435	2,921,858	4,954,077	0	0	179,887	26,613	-2,215,815	-27
1988	6,691,347	6,658,964	28,551	3,832	9,561,922	3,040,493	6,301,870	0	0	195,377	24,183	-2,870,576	-30
1989	7,664,792	7,611,338	26,717	26,736	11,409,135	3,114,116	8,013,131	0	0	231,090	50,797	-3,744,343	-33
1990	9,358,592	9,273,093	25,903	59,596	13,065,701	3,582,106	9,155,112	0	0	276,280	52,203	-3,707,109	-28
1991	10,787,888	10,666,962	25,935	94,992	16,646,282	4,125,732	12,184,263	0	0	294,606	41,681	-5,858,394	-35
1992	11,854,254	11,775,290	26,372	52,592	15,525,502	4,639,799	10,510,020	0	0	323,708	51,975	-3,671,248	-24
1993	13,190,083	13,033,881	36,586	119,616	17,635,634	5,068,021	12,190,672	0	0	348,688	28,253	-4,445,551	-25
1994	14,237,829	14,112,286	35,970	89,573	20,321,930	5,824,210	14,064,439	0	0	378,263	55,018	-6,084,101	-30
1995	9,232,039	9,050,723	4,534	176,782	15,877,717	1,308,173	13,954,267	0	0	247,958	367,319	-6,645,678	-42
1996	8,692,318	8,463,670	0	228,649	14,981,002	0	13,980,502	0	0	200,947	799,553	-6,288,684	-42
1997	9,825,788	9,783,592	0	42,196	16,718,266	0	15,457,435	0	0	195,493	1,065,338	-6,892,478	-41
1998 (1)	12,146,498	12,135,826	0	10,671	19,481,262	0	18,024,803	0	0	192,278	1,264,180	-7,334,764	-38

(1) See note (4) of Table 15-6.

Source: See Table 15-6.

15-9a. Medical Care and Cash Benefits under Government Employee Insurance

Period	Free Medical Care			Cash Benefits				
	Total	Maternity	Illness & Injury	Total	Disability	Old Age	Death	Funeral Grant
I. Person-Visits (Free Medical Care), Cases (Cash Benefits)								
1958	7,207	619	6,588	47	0	0	15	32
1960	1,951,389	64,436	1,886,953	3,088	69	0	475	2,544
1965	2,108,600	59,407	2,049,193	5,174	215	1,032	604	3,323
1969	2,456,386	85,886	2,370,500	7,658	355	2,532	761	4,010
1970	2,692,028	91,225	2,600,803	8,645	362	2,624	791	4,868
1972	3,211,275	96,335	3,114,940	11,661	497	5,248	860	5,056
1973	3,204,162	97,302	3,106,860	14,063	423	7,362	891	5,387
1974	2,967,879	91,652	2,876,227	12,199	376	5,206	826	5,791
1975	2,968,790	98,463	2,870,327	10,942	347	3,703	898	5,994
1976	3,104,498	125,358	2,979,140	11,165	311	3,531	972	6,351
1977	3,163,905	107,908	3,055,997	12,598	368	4,467	1,002	6,761
1978	3,192,962	117,555	3,075,407	13,545	335	5,243	1,070	6,897
1979	3,256,056	117,177	3,138,879	14,273	408	5,709	1,005	7,151
1980	3,359,820	118,443	3,241,377	15,160	372	6,012	1,064	7,712
1981	3,585,908	129,908	3,456,000	16,897	388	7,633	1,070	7,806
1982	3,690,496	169,338	3,521,158	17,824	455	8,008	1,025	8,336
1983	3,941,279	163,038	3,778,241	17,670	492	7,465	1,022	8,691
1984	4,115,385	166,955	3,948,430	17,716	529	7,206	1,029	8,952
1985	4,323,954	167,861	4,156,093	18,390	549	7,657	1,032	9,152
1986	4,438,739	165,217	4,273,522	19,337	556	8,218	994	9,569
1987	4,678,226	169,034	4,509,192	20,292	653	8,888	1,050	9,701
1988	4,784,723	185,468	4,599,255	22,252	684	10,023	1,029	10,516
1989	4,698,494	179,193	4,519,301	23,692	616	11,080	1,010	10,986
1990	5,157,462	190,604	4,966,858	23,653	717	10,569	979	11,388
1991	5,683,017	200,752	5,482,265	27,198	771	13,532	966	11,929
1992	6,565,333	213,789	6,351,544	23,663	806	9,645	902	12,310
1993	7,052,061	222,409	6,829,652	24,765	854	10,371	849	12,691
1994	7,950,473	227,901	7,722,572	26,310	883	11,305	810	13,312
1995 (1)	1,657,583	33,863	1,623,720	26,268	857	10,545	831	14,035
1996	0	0	0	25,969	798	9,852	858	14,461
1997	0	0	0	26,606	975	10,452	825	14,354
1998 (2)	0	0	0	27,959	1,148	11,677	791	14,343

(1),(2) See notes (3),(4) of Table 15-6.

Source: See Table 15-6.

15-9b. Medical Care and Cash Benefits under Government Employee Insurance (Continued)

Period	Total	Medical Expenses			Cash Benefits				
		Subtotal	Maternity	Illness & Injury	Subtotal	Disability	Old Age	Death	Funeral Grant
II. Amount (NT\$1,000)									
1958	1,625	1,303	176	1,127	322	0	0	287	35
1960	127,272	113,478	12,095	101,384	13,794	854	0	8,890	4,051
1965	175,663	138,753	13,151	125,602	36,910	2,373	7,353	18,413	8,770
1970	396,563	241,746	21,397	220,350	154,817	9,669	68,350	49,952	26,847
1971	493,742	275,053	24,278	250,775	218,689	11,780	123,089	53,737	30,083
1972	626,491	305,176	25,905	279,271	321,315	14,354	215,692	59,743	31,526
1973	754,405	313,091	26,419	286,672	441,314	12,078	331,337	62,861	35,038
1975	856,533	451,203	44,009	407,194	405,330	13,344	251,763	91,252	48,972
1977	1,192,121	551,948	56,811	495,137	640,173	15,017	445,088	115,432	64,636
1978	1,567,724	639,808	71,904	567,904	927,916	17,629	681,308	149,705	79,274
1979	2,094,730	768,214	89,274	678,940	1,326,516	26,133	1,027,938	172,597	99,848
1980	2,690,539	1,002,394	127,148	875,246	1,688,145	27,927	1,308,786	221,160	130,272
1981	3,900,966	1,371,576	175,816	1,195,760	2,529,390	38,066	2,021,376	297,375	172,573
1982	4,480,050	1,565,612	216,385	1,349,227	2,914,438	50,656	2,370,412	296,183	197,187
1983	4,590,439	1,841,569	257,200	1,584,369	2,748,870	45,787	2,195,797	299,865	207,421
1984	5,103,044	2,213,083	287,704	1,925,379	2,889,961	52,648	2,291,421	318,849	227,043
1985	6,123,520	2,541,691	308,438	2,233,253	3,581,829	61,869	2,891,549	361,678	266,732
1986	6,867,560	2,681,821	293,064	2,388,757	4,185,739	71,061	3,422,652	378,467	313,559
1987	7,875,935	2,921,858	319,103	2,602,755	4,954,077	79,929	4,111,286	425,157	337,705
1988	9,342,363	3,040,493	333,800	2,706,693	6,301,870	89,468	5,297,750	499,784	414,868
1989	11,127,247	3,114,116	346,425	2,767,691	8,013,131	98,905	6,873,145	545,032	496,049
1990	12,737,218	3,582,106	401,728	3,180,378	9,155,112	120,484	7,826,989	601,747	605,892
1991	16,309,995	4,125,732	409,913	3,715,820	12,184,263	130,908	10,672,510	659,707	721,138
1992	15,149,819	4,639,799	439,305	4,200,494	10,510,020	149,644	8,892,173	655,082	813,121
1993	17,258,693	5,068,021	452,510	4,615,512	12,190,672	173,595	10,438,797	666,201	912,078
1994	19,888,649	5,824,210	530,923	5,293,286	14,064,439	197,884	12,157,715	688,429	1,020,411
1995(1)	15,262,440	1,308,173	109,169	1,199,004	13,954,267	215,155	11,913,069	693,489	1,132,554
1996	13,980,502	0	0	0	13,980,502	235,444	11,745,899	771,480	1,227,679
1997	15,457,435	0	0	0	15,457,435	376,979	13,041,188	766,748	1,272,519
1998(2)	18,024,803	0	0	0	18,024,803	449,829	15,487,795	770,495	1,316,684

(1),(2) See notes (3),(4) of Table 15-6.

Source: See Table 15-6.

15-10. Major Receipts and Expenditures of Government Employee Insurance and Related Insurance Programs

Unit: NT\$1,000

Period	Major Receipts (1)		Major Expenditures (1)			Surplus or Deficit
	Premiums	Registration Fees	Medical Expenses	Cash Benefits	Costs of Administration	
1958	6,847	7	1,303	322	479	4,750
1960	86,850	3,653	113,478	13,794	6,079	- 52,379
1965	173,745	4,376	138,760	36,915	11,914	- 19,404
1970	432,800	5,592	253,639	167,612	25,033	0
1975	813,077	25,582	488,435	425,981	51,462	- 95,500
1978	1,487,661	28,285	696,428	954,041	69,146	- 177,129
1979	1,837,116	28,827	836,314	1,353,821	85,981	- 381,323
1980	2,424,358	29,686	1,098,372	1,723,425	104,479	- 447,105
1981	3,546,205	32,701	1,534,639	2,584,016	128,142	- 652,980
1982	4,149,805	66,972	1,945,896	2,977,760	145,866	- 854,630
1983	4,536,664	88,477	2,536,131	2,822,484	150,458	- 862,219
1984	4,927,788	91,707	3,098,544	2,974,101	165,897	-1,190,991
1985	6,120,743	103,611	3,882,157	3,660,676	200,869	-1,497,943
1986	7,378,707	83,748	4,844,414	4,246,362	229,966	-1,772,085
1987	8,359,078	48,496	5,669,510	5,020,088	258,059	-2,542,133
1988	9,713,012	49,502	6,057,413	6,379,610	284,894	-2,961,674
1989	12,513,207	53,320	7,748,563	8,102,513	373,264	-3,659,539
1990	16,111,894	62,484	10,152,558	9,269,380	479,494	-3,677,168
1991	18,612,093	66,599	12,216,248	12,310,552	514,075	-6,249,200
1992	22,830,086	74,040	15,459,397	10,663,075	616,383	-3,786,653
1993	27,872,479	110,163	18,866,451	12,411,089	747,951	-3,852,698
1994	30,326,688	109,316	22,162,485	14,323,023	812,713	-6,712,546
1995 (2)	12,376,050	15,143	4,825,669	14,288,197	356,732	-7,239,481
1996	9,176,207	0	0	14,303,281	217,995	-5,807,240
1997	10,545,706	0	0	15,827,933	211,012	-6,404,273
1998 (3)	12,945,332	0	0	18,459,826	205,075	-6,827,499

(1) Including the data of Government Employee Insurance (from 1958), Health Insurance for Government Employees' Dependents (from 1982), Retired Government Employee Insurance (from 1965), Health Insurance for Retired Government Employees (from 1985), Health Insurance for Spouses of Retired Government Employees (from 1985), Insurance for Teaching and Administrative Staff of Private Schools (from 1980), Insurance for Retired Teaching and Administrative Staff of Private Schools (1984~1985), Health Insurance for Spouses of Teaching and Administrative Staff of Private Schools (from 1990), Health Insurance for Retired Teaching and Administrative Staff of Private Schools (from 1986), Health Insurance for Spouses of Retired Teaching and Administrative Staff of Private Schools (from 1986), and Health Insurance for Retired Employees and their Dependents of Government Organizations and Private Schools (from 1994).

(2),(3) See notes (3),(4) of Table 15-6.

Source: See Table 15-6.

15-11. Units and Persons Insured under Government Employee and School Staff Insurance  
and Retired Government Employee Insurance (1) (2)

End of Year	Insured Units	
	Government Employee and School Staff Insurance (GESSI)	Retired Government Employee Insurance (RGEI)
1999 (2)	7,385	553
2000	7,436	517
2004	7,535	400
2005	7,324	371
2006	7,322	325
2007	7,312	300
2008	7,359	279
2009	7,381	251
2010	7,392	231
2011	7,531	210
2012	7,515	188

End of Year	Insured Persons	
	Government Employee and School Staff Insurance (GESSI)	Retired Government Employee Insurance (RGEI)
1999 (2)	623,016	1,100
2000	629,395	985
2004	617,260	692
2005	591,158	634
2006	589,237	563
2007	590,808	502
2008	594,798	458
2009	597,983	416
2010	597,583	372
2011	593,949	334
2012	593,846	303

(1) (2) See notes (3) and (4) of Table 15-6.

Source: Department of Government Employees Insurance, Bank of Taiwan.

15-12a. Receipts and Expenditures of Government Employee and School Staff Insurance (1)

Unit : NT\$1,000

Period	Receipts								Expenditure
	Total	Premiums	Service Fees	Investment Income	Gain on Valuation of Financial Instruments (2)	Foreign Exchange Gain (2)	Interest Income	Other Income (3)	Total
1999	13,931,448	13,511,913	...	29,030	...	...	259,187	8,849	10,866,922
2000	14,775,319	13,931,071	...	11,376	...	...	617,855	5,028	5,142,452
2001	17,474,097	16,401,215	...	61,149	9,089	...	1,001,939	704	5,132,603
2002	17,581,075	16,447,869	...	220,046	...	...	912,015	1,146	6,029,606
2003	18,035,938	16,490,326	...	381,550	185,048	...	978,998	16	5,499,135
2004	18,438,147	16,470,377	...	840,103	...	...	1,126,982	683	6,015,470
2005	19,890,068	16,744,093	...	1,647,474	258,368	...	1,236,106	4,028	4,702,423
2006	23,006,951	16,468,839	...	2,410,289	1,898,707	35,915	2,019,300	173,901	4,875,214
2007	25,756,000	16,677,444	...	5,589,677	750,155	248,599	2,489,239	887	5,416,611
2008	23,727,238	16,926,336	...	3,575,844	657,375	...	2,567,427	256	28,709,542
2009	41,912,750	17,165,917	32,031	3,777,542	19,328,073	172,682	1,436,503	2	7,661,784
2010	27,767,933	17,417,350	152,375	5,345,784	3,451,922	...	1,398,902	1,599	13,629,203
2011	25,151,297	17,694,632	135,279	4,438,628	158,389	838,664	1,885,691	14	21,624,667
2012	31,552,391	17,991,298	108,895	4,103,147	7,316,963	...	2,032,087	2	14,917,562

(1) See note (4) of Table 15-6.

(2) In conformity with Statements of Financial Accounting Standards (SFAS) No. 34, which came into effect on January 1, 2006, and overseas investment newly added to this insurance reserve, "Gain on Valuation of Financial Instruments", "Loss on Valuation of Financial Instruments", "Foreign Exchange Gain" and "Foreign Exchange Loss" are disclosed; and in accordance therewith, the 2000-2005 items "Gain on Market Price Recovery of Short-Term Investments" and "Unrealized Decline in Market Value of Short-Term Investments" are reclassified as "Gain on Valuation of Financial Instruments" and "Loss on Valuation of Financial Instruments", respectively.

(3) "Other Income" in 2006 includes \$173,421,000 for "Cumulative Effect of Changes in Accounting Principles" arising due to the starting application of SFAS No. 34.

Source: See Table 15-11.

15-12b. Receipts and Expenditures of Government Employee and School Staff Insurance (Continued)

Period	Expenditure						Surplus or Deficit (4)	Government Subsidies		
	Cash Benefits	Reserve for Old Age Benefit (5)	Investment Loss	Loss on Valuation of Financial Instrument (2)	Foreign Exchange Loss (2)	Other Expenses		Total	Administrative Expense (6)	Compensated by the Treasury (5)
1999	8,728,591	1,332,338	19,246	...	...	566,787	3,064,566	12,575,777	121,945	12,453,833
2000	2,796,558	2,075,730	5,171	48,196	...	2,175	9,632,867	21,530,852	219,020	21,311,832
2001	2,672,578	2,443,781	13,991	...	...	2,253	12,341,494	30,370,129	231,426	30,138,703
2002	2,911,978	2,450,732	65,204	598,499	...	3,193	11,551,469	31,172,418	234,290	30,938,128
2003	2,877,529	2,457,059	160,162	...	...	4,385	12,536,804	28,694,978	233,034	28,461,944
2004	3,133,265	2,454,086	373,386	47,599	...	7,134	12,422,677	30,185,530	236,901	29,948,630
2005	4,103,122	...	591,598	...	...	7,704	15,187,645	35,969,899	254,725	35,715,175
2006	3,989,540	...	873,591	...	...	12,083	18,131,737	21,036,690	250,830	20,785,859
2007	4,350,526	...	818,428	209,251	...	38,406	20,339,389	18,177,239	237,320	17,939,919
2008	5,020,950	...	2,079,256	21,225,238	348,478	35,620	-4,982,304	16,140,948	212,863	15,928,085
2009	5,859,649	...	1,247,558	512,131	...	42,447	34,250,967	15,002,516	216,824	14,785,692
2010	7,594,759	...	1,775,454	8,199	4,207,956	42,836	14,138,729	17,873,989	217,070	17,656,919
2011	8,965,770	...	798,423	11,820,061	...	40,412	3,526,630	18,625,879	221,200	18,404,678
2012	10,440,428	...	2,780,477	2,901	1,651,528	42,227	16,634,829	18,531,190	219,715	18,311,476

(4) Surplus is transferred to reserve account.

(5) Including unrealized liability of cash benefit before amendment and interest expenses. Article 5 of the GESSI Act, as amended on January 19, 2005, stipulates that all the surplus should be transferred to insurance reserve, so with effect from 2005, monthly provision is no longer made on the basis of insurance premium revenue and reference contribution rate.

(6) "Administrative Expense" are borne from the budget allocated to the Ministry of Civil Service as the central competent authority. Shortfall is absorbed by the Bank of Taiwan, based on its role as executor of government policy and its position as underwriting institution according to law.

15-13. Receipts and Expenditures of Retired Government Employee Insurance (1)

Unit: NT\$1,000

Period	Receipts				
	Total	Premium	Interest Income	Government Subsidies	Other Income
1999	15,423	3,116	12,279	28	...
2000	15,492	2,705	12,367	43	378
2004	5,554	1,843	3,712	...	...
2005	6,204	1,788	4,416	...	...
2006	6,845	1,568	5,277	...	...
2007	7,420	1,391	6,029	...	...
2008	7,918	1,306	6,612	...	...
2009	4,106	1,164	2,942	...	...
2010	3,869	1,054	2,815	...	...
2011	4,278	948	3,330	...	...
2012	4,376	851	3,524	...	...

Period	Expenditures					Surplus or Deficit (2)
	Total	Cash Benefits	RGEI Reserve	Administration Expenses	Other Expenses	
1999	4,684	8,185	-3,552	51	28	10,739
2000	9,532	9,489	...	43	43	5,960
2004	4,559	4,559	...	...	...	996
2005	5,832	5,832	...	...	...	371
2006	6,056	6,056	...	...	...	790
2007	4,379	4,379	...	...	...	3,042
2008	4,543	4,543	...	...	...	3,375
2009	4,043	4,043	...	...	...	63
2010	4,153	4,153	...	...	...	-284
2011	4,028	4,028	...	...	...	250
2012	1,602	1,602	...	...	...	2,773

(1) See note (4) of Table 15-6. Including receipts and expenditures of GEI and ITASPS, from Jan. to May of 1999.

(2) See note (1) of Table 15-12.

Source: See Table 15-11.

15-14. Cash Benefits under Government Employee and School Staff Insurance (1)

Period	Cases						Amount (NT\$1,000)					
	Total	Dis-ability	Old Age	Death	Dependent's Funeral Allowance	Parental Leave Allow-ance	Total	Dis-ability	Old Age	Death	Dependent's Funeral Allowance	Parental Leave Allow-ance
1999	29,956	741	13,364	732	15,119	...	20,242,547	300,289	17,788,038	723,979	1,430,241	...
2000	32,172	1,480	14,365	716	15,611	...	22,102,778	519,769	19,355,494	742,477	1,485,038	...
2001	37,594	1,078	21,180	614	14,722	...	30,466,793	399,394	27,961,491	663,453	1,442,455	...
2002	38,582	1,076	21,079	670	15,757	...	31,771,108	370,808	29,105,762	733,109	1,561,428	...
2003	36,424	1,007	19,999	588	14,830	...	29,750,090	341,887	27,266,218	657,551	1,484,434	...
2004	37,718	1,067	20,837	591	15,223	...	32,041,385	331,359	29,538,911	641,975	1,529,140	...
2005	43,425	1,081	26,924	574	14,846	...	38,811,295	355,489	36,274,085	635,418	1,546,303	...
2006	30,486	1,038	14,929	589	13,930	...	23,513,155	355,851	21,009,265	680,588	1,467,450	...
2007	29,146	1,056	13,520	542	14,028	...	21,374,009	347,635	18,921,039	618,806	1,486,529	...
2008	28,723	1,041	12,852	556	14,274	...	20,303,193	340,748	17,785,186	638,654	1,538,605	...
2009	40,647	1,030	12,897	531	14,751	11,438	20,370,541	345,954	17,602,882	635,639	1,601,003	185,063
2010	53,827	1,029	16,333	537	14,768	21,160	24,967,855	355,476	22,016,132	639,026	1,624,451	332,772
2011	55,405	946	17,365	530	15,233	21,331	26,948,055	337,497	23,927,578	643,314	1,706,088	333,578
2012	58,403	951	17,989	499	15,112	23,852	28,243,546	361,344	25,142,386	621,749	1,739,988	378,080

(1) See note (4) of Table 15-6.

Source: See Table 15-11.

15-15. Cash Benefits under Retired Government Employee Insurance (1)

Period	Cases					Amount (NT\$1,000)				
	Total	Disability	Old Age	Death	Dependent's Funeral Allowance	Total	Disability	Old Age	Death	Dependent's Funeral Allowance
1999	108	4	30	71	3	8,185	334	2,368	5,437	47
2000	106	6	15	81	4	9,489	479	1,430	7,542	38
2001	76	2	11	59	4	6,455	99	936	5,388	32
2002	66	3	12	50	1	6,295	157	899	5,234	5
2003	70	3	8	54	5	6,949	170	449	6,290	39
2004	59	3	6	48	2	4,559	231	418	3,883	27
2005	60	3	1	55	1	5,832	119	41	5,670	2
2006	65	4	5	53	3	6,056	126	648	5,242	40
2007	53	...	5	43	5	4,379	...	618	3,706	55
2008	44	1	1	41	1	4,543	57	12	4,466	8
2009	40	...	2	38	...	4,043	...	36	4,007	...
2010	39	...	1	38	...	4,153	...	135	4,018	...
2011	38	1	1	35	1	4,028	147	88	3,787	6
2012	24	1	...	22	1	1,602	21	...	1,575	7

(1) See note (4) of Table 15-6.

Source: See Table 15-11.

15-16a. Number of Group Insurance Applicants and Beneficiaries under National Health Insurance

1. Group Insurance Applicants

End of Year	Grand Total	Category 1 (1)						Category 2 (2)		
		Total	Item 1	Item 2	Item 3	Item 4	Item 5	Total	Item 1	Item 2
1995	425,349	421,778	6,783	401,852	13,143	0	0	2,270	2,266	4
1997	469,111	465,417	6,981	432,052	26,384	0	0	2,294	2,290	4
1998	490,174	486,431	7,024	441,919	37,482	0	6	2,323	2,319	4
1999	519,635	515,813	7,085	452,020	56,702	0	6	2,381	2,377	4
2000	562,002	557,860	7,173	459,886	90,795	0	6	2,461	2,457	4
2001	566,854	562,562	7,851	453,204	101,501	0	6	2,559	2,555	4
2002	579,393	574,968	7,880	457,776	109,308	0	4	2,691	2,687	4
2003	583,151	578,628	7,944	464,856	105,786	0	42	2,771	2,767	4
2004	603,492	598,858	8,024	480,572	110,227	0	35	2,843	2,839	4
2005	633,303	628,546	8,160	502,582	117,775	0	29	2,958	2,954	4
2006	658,565	653,661	8,147	516,657	128,851	0	6	3,087	3,083	4
2007	671,023	665,991	8,164	523,062	134,762	0	3	3,170	3,166	4
2008	676,280	671,126	8,202	525,332	137,588	0	4	3,250	3,246	4
2009	684,677	679,374	8,213	529,771	141,386	0	4	3,374	3,370	4
2010	706,599	701,150	7,807	545,947	147,392	0	4	3,511	3,507	4
2011	730,720	725,147	7,888	563,423	153,832	0	4	3,622	3,618	4
2012	750,851	745,201	7,881	577,456	159,862	0	2	3,703	3,699	4

(1) Category 1 includes: (a) Civil servants or full-time and regularly paid personnel in governmental agencies and public/private schools; (b) Employees of public or privately owned enterprises or institutions; (c) Employees other than the insured prescribed in (a) and (b) but who are employed by particular employers; (d) Employers or self-employed owners of businesses; (e) Independently practicing professionals and technicians.

(2) Category 2 includes: (a) Members of an occupational union who have no particular employers, or who are self-employed; (b) Seamen serving on foreign vessels who are members of the National Seamen's Union or the Master Mariners' Association.

Source: The data are provided by the Bureau of National Health Insurance, R.O.C. (Taiwan).

15-16b. Number of Group Insurance Applicants and Beneficiaries under National Health Insurance (Continued)

1. Group Insurance Applicants

End of Year	Category 3 (3)			Category 4 (4)			Category 5 (5)	Category 6 (6)		
	Total	Item 1	Item 2	Total	Item 1	Item 2		Total	Item 1	Item 2
1995	344	305	39	1	...	...	458	498	18	480
1997	346	306	40	2	...	...	504	548	16	532
1998	346	306	40	2	...	...	520	552	12	540
1999	346	306	40	2	...	...	526	567	12	555
2000	346	306	40	2	...	...	537	796	12	784
2001	346	306	40	3	...	...	559	825	12	813
2002	346	306	40	8	...	...	571	809	12	797
2003	345	306	39	8	...	...	575	824	28	796
2004	346	307	39	8	...	...	574	863	28	835
2005	346	307	39	...	...	...	577	876	28	848
2006	346	307	39	...	...	...	585	886	28	858
2007	345	306	39	8	7	1	588	921	28	893
2008	345	306	39	9	7	2	599	951	28	923
2009	345	306	39	9	7	2	619	956	25	931
2010	345	306	39	9	7	2	620	964	25	939
2011	345	306	39	9	7	2	613	984	25	959
2012	345	306	39	9	7	2	604	989	24	965

(3) Category 3 includes: (a) Members of Farmers' Associations or Irrigation Associations, or workers aged over fifteen who are actually engaged in agricultural activities; (b) Class A members of Fishermen's Associations who are either self-employed or have no particular employers, or workers aged over fifteen who are actually engaged in fishery activities.

(4) Category 4 includes: (a) Military servicemen whose compulsory service terms are over two months or who are summoned to serve in the military for more than two months, military school students who receive grants from the government, military servicemen's dependents without support as recognized by the Ministry of Defense, and survivors of deceased military personnel who are receiving survivors' relief. (b) Men at the age for enlisting in the military, who are currently in alternative military service.

(5) Category 5 includes: Members of low-income households as defined by the Social Assistance Act.

(6) Category 6 includes: (a) Veterans and household representatives of survivors of veterans; (b) Representatives or heads of household other than the insured or their dependents prescribed in Categories 1 to 5 or Category 6 (a).

15-16c. Number of Group Insurance Applicants and Beneficiaries under National Health Insurance (Continued)

2. Beneficiaries

Unit: Persons

End of Year	Grand Total	Category 1						Category 2		
		Total	Item 1	Item 2	Item 3	Item 4	Item 5	Total	Item 1	Item 2
1995	19,123,278	10,437,339	1,200,289	8,507,771	428,809	300,470	-	4,029,716	4,029,494	222
1996	20,041,488	10,678,558	1,216,497	8,678,388	437,906	345,767	-	3,991,729	3,991,570	159
1997	20,492,317	10,914,783	1,223,423	8,875,815	448,407	367,138	-	3,908,469	3,908,292	177
1998	20,757,185	11,043,998	1,219,899	8,963,299	466,423	394,278	99	3,852,144	3,851,812	332
1999	21,089,859	11,236,257	1,246,959	9,080,776	493,914	414,514	94	3,799,093	3,798,648	445
2000	21,400,826	11,465,521	1,257,699	9,251,834	530,161	425,752	75	3,750,883	3,750,167	716
2001	21,653,555	11,447,046	1,444,154	8,988,288	592,511	422,023	70	3,772,174	3,771,589	585
2002	21,869,478	11,458,910	1,428,926	9,013,020	591,451	425,455	58	3,768,633	3,768,069	564
2003	21,984,415	11,630,008	1,419,131	9,126,776	653,875	430,130	96	3,711,081	3,710,624	457
2004	22,134,270	11,780,375	1,393,464	9,312,608	628,849	445,380	74	3,683,993	3,683,635	358
2005	22,314,647	11,798,491	1,356,920	9,366,651	603,585	471,267	68	3,742,726	3,742,359	367
2006	22,484,427	11,919,580	1,338,581	9,475,398	617,029	488,529	43	3,748,498	3,748,050	448
2007	22,803,048	11,993,100	1,325,111	9,558,662	618,082	491,233	12	3,775,260	3,774,828	432
2008	22,918,144	11,929,887	1,317,844	9,465,832	653,973	457,179	35,059	3,875,407	3,874,974	433
2009	23,025,773	11,954,639	1,312,564	9,453,490	698,300	454,119	36,166	3,999,953	3,999,635	318
2010	23,074,487	12,240,752	1,288,599	9,765,947	688,096	460,985	37,125	3,976,004	3,975,664	340
2011	23,198,664	12,470,563	1,261,213	10,005,821	692,999	471,960	38,570	3,962,392	3,962,004	388
2012	23,280,949	12,649,300	1,237,424	10,192,237	697,292	477,714	44,633	3,868,431	3,867,946	485

15-16d. Number of Group Insurance Applicants and Beneficiaries under National Health Insurance (Continued)

2. Beneficiaries

Unit: Persons

End of Year	Category 3			Category 4 (1)			Category 5	Category 6		
	Total	Item 1	Item 2	Total	Item 1	Item 2		Total	Item 1	Item 2
1995	2,998,439	2,652,042	346,397	69,059	...	...	111,452	1,477,273	593,614	883,659
1996	3,152,680	2,769,787	382,893	82,816	...	...	110,162	2,025,543	634,395	1,391,148
1997	3,225,240	2,815,115	410,125	78,802	...	...	108,564	2,256,459	645,641	1,610,818
1998	3,267,892	2,825,792	442,100	78,379	...	...	117,480	2,397,292	640,556	1,756,736
1999	3,297,840	2,827,356	470,484	69,259	...	...	129,890	2,557,520	646,145	1,911,375
2000	3,304,109	2,805,501	498,608	68,579	...	...	146,335	2,665,399	645,595	2,019,804
2001	3,327,657	2,797,024	530,633	...	...	...	152,882	2,953,796	644,785	2,309,011
2002	3,328,171	2,765,028	563,143	...	...	...	167,637	3,146,127	643,902	2,502,225
2003	3,276,065	2,700,854	575,211	...	...	...	186,033	3,181,228	638,327	2,542,901
2004	3,209,126	2,629,808	579,318	...	...	...	204,218	3,256,558	630,103	2,626,455
2005	3,141,774	2,561,611	580,163	...	...	...	211,614	3,420,042	628,487	2,791,555
2006	3,087,747	2,503,637	584,110	...	...	...	218,559	3,510,043	616,762	2,893,281
2007	3,036,617	2,450,452	586,165	173,413	155,295	18,118	221,916	3,602,742	607,446	2,995,296
2008	2,993,633	2,407,432	586,201	161,766	141,480	20,286	225,609	3,731,842	597,133	3,134,709
2009	2,924,081	2,330,033	594,048	160,189	136,970	23,219	254,677	3,732,234	585,847	3,146,387
2010	2,828,337	2,247,513	580,824	157,576	136,960	20,616	271,211	3,600,607	572,508	3,028,099
2011	2,750,311	2,176,681	573,630	160,591	138,944	21,647	310,273	3,544,534	558,935	2,985,599
2012	2,690,876	2,126,520	564,356	151,910	130,931	20,979	347,607	3,572,825	552,929	3,019,896

(1) The number of beneficiaries of Category 4 is not listed during 2001~2006 for reasons of national security.

15-17. Average Amount of Monthly Payroll on which National Health Insurance Premiums Are Assessed

Unit: NT\$

End of Year	Grand Total	Category 1						Category 2		
		Total	Item 1	Item 2	Item 3	Item 4	Item 5	Total	Item 1	Item 2
1999	24,619	28,026	28,916	26,732	28,411	44,852	43,231	19,721	19,718	42,669
2000	25,245	28,876	29,180	27,885	26,967	44,241	34,950	19,940	19,933	42,612
2001	25,693	29,575	29,218	28,691	27,252	44,742	34,393	20,260	20,255	42,795
2002	27,671	32,662	46,034	30,317	27,790	44,729	33,950	20,687	20,681	45,568
2003	27,974	32,881	46,557	30,646	27,160	45,061	31,100	20,917	20,913	44,954
2004	28,329	33,172	46,929	31,031	27,534	44,714	30,550	21,271	21,268	46,466
2005	29,497	34,841	51,447	32,515	28,676	44,575	30,939	21,763	21,759	49,940
2006	30,066	35,423	51,612	33,210	28,576	45,333	36,000	22,494	22,489	50,841
2007	31,427	36,507	53,902	34,113	29,318	47,291	46,525	24,203	24,198	51,037
2008	31,672	36,904	53,949	34,581	28,984	46,223	64,658	24,472	24,467	51,127
2009	31,847	37,005	55,193	34,470	29,091	47,063	68,359	25,095	25,092	49,835
2010	32,544	37,596	55,684	35,211	29,210	47,417	70,404	25,813	25,810	47,826
2011	33,505	38,348	57,758	35,907	30,142	47,896	70,709	26,884	26,881	46,675
2012	34,087	39,090	58,619	36,715	30,915	48,361	67,376	26,776	26,772	45,420

  

End of Year	Category 3			Category 4			Category 5	Category 6		
	Total	Item 1	Item 2	Total	Item 1	Item 2		Total	Item 1	Item 2
1999	19,200	19,200	19,200	27,995	-	-	1,007	1,007	1,007	1,007
2000	19,200	19,200	19,200	27,923	-	-	1,007	1,007	1,007	1,007
2001	19,200	19,200	19,200	1,007	1,007	1,007	1,007	1,007	1,007	1,007
2002	19,200	19,200	19,200	1,078	1,078	1,078	1,078	1,007	1,007	1,007
2003	19,200	19,200	19,200	1,078	1,078	1,078	1,078	1,007	1,007	1,007
2004	19,200	19,200	19,200	1,078	1,078	1,078	1,078	1,007	1,007	1,007
2005	19,200	19,200	19,200	1,078	1,078	1,078	1,078	1,007	1,007	1,007
2006	19,200	19,200	19,200	1,078	1,078	1,078	1,078	1,007	1,007	1,007
2007	21,000	21,000	21,000	1,317	1,317	1,317	1,317	1,099	1,099	1,099
2008	21,000	21,000	21,000	1,317	1,317	1,317	1,317	1,099	1,099	1,099
2009	21,000	21,000	21,000	1,376	1,376	1,376	1,376	1,099	1,099	1,099
2010	21,000	21,000	21,000	1,376	1,376	1,376	1,376	1,249	1,249	1,249
2011	21,900	21,900	21,900	1,376	1,376	1,376	1,376	1,249	1,249	1,249
2012	21,900	21,900	21,900	1,376	1,376	1,376	1,376	1,249	1,249	1,249

Source: See Table 15-16a.

## 15-18. Revenues and Costs of National Health Insurance

Unit: NT\$ million

Period	Insurance Revenues (A)			Insurance Costs (B)			Net of Reserve Fund (C=A-B)
	Total	Premiums	Other (1)	Total	Medical Benefits	Other (2)	
1996	242,331	241,239	1,092	223,941	222,938	1,003	18,390
1997	251,315	248,228	3,087	245,290	237,613	7,677	6,026
1998	263,788	260,686	3,102	265,347	262,040	3,308	-1,559
1999	269,127	267,294	1,834	290,130	285,897	4,233	-21,003
2000	291,404	290,734	670	290,439	282,105	8,334	964
2001	291,510	290,870	640	307,152	301,788	5,364	-15,642
2002	311,200	303,417	7,783	326,854	323,255	3,599	-15,655
2003	338,778	327,774	11,004	339,160	335,792	3,368	-383
2004	353,263	343,966	9,297	353,693	352,617	1,076	-430
2005	366,058	356,100	9,958	372,393	367,397	4,996	-6,335
2006	386,105	367,990	18,115	386,424	382,209	4,215	-319
2007	391,860	370,628	21,231	405,627	401,149	4,478	-13,767
2008	406,752	384,884	21,868	420,707	415,928	4,779	-13,955
2009	407,468	385,847	21,621	439,166	434,786	4,380	-31,698
2010	465,180	438,659	26,520	446,666	442,312	4,354	18,514
2011	496,757	469,468	27,289	462,577	458,195	4,382	34,180
2012	510,355	482,768	27,587	484,263	480,493	3,771	26,092

(1) Other insurance revenues include investment returns, gains on sales of securities, and other extra income.

(2) Other insurance costs include bad debt expenses, interest expenses, and other extra costs.

Source: See Table 15-16a.

## **16. INTERNATIONAL STATISTICS**



16-1. Area and Population

Country	Land Area (km <sup>2</sup> )	Total Population (million)			Population
		2001 (mid-year)	2012 (mid-year)	Rate of Annual Increase (%) (2001-2012)	Density (2012) (person/km <sup>2</sup> )
1. Republic of China (Taiwan)	36,193	22.3	23.3	0.4	643
2. Argentina	2,736,690	37.2	40.8	0.9	15
3. Australia	7,682,300	19.4	22.0	1.2	3
4. Belgium	30,280	10.3	11.1	0.7	367
5. Brazil	8,459,420	173.8	194.3	1.1	23
6. Canada	9,093,510	31.0	34.9	1.1	4
7. Chile	743,530	15.6	17.4	1.1	23
8. France	547,660	59.5	63.6	0.6	116
9. Germany	348,610	82.3	81.8	-0.1	235
10. Hong Kong	1,042	6.7	7.1	0.5	6,814
11. India	2,973,190	1,034.9	1,259.7	2.0	424
12. Indonesia	1,811,570	208.2	241.0	1.4	133
13. Italy	294,140	57.0	60.9	0.6	207
14. Japan	364,500	127.1	127.6	0.0	350
15. Korea, Rep. of	97,100	47.4	48.9	0.3	504
16. Mainland China	9,327,480	1,276.3	1,350.4	0.5	145
17. Malaysia	328,550	24.1	29.0	1.8	88
18. Mexico	1,943,950	99.7	116.1	1.5	60
19. Netherlands	33,730	16.0	16.7	0.4	495
20. New Zealand	263,310	3.9	4.4	1.2	17
21. Philippines	298,170	78.6	96.2	2.0	323
22. Russian Federation	16,376,870	146.0	143.2	-0.2	9
23. Saudi Arabia	2,149,690	21.0	28.7	3.3	13
24. Singapore	700	4.1	5.3	2.6	7,571
25. South Africa	1,214,470	44.9	51.1	1.2	42
26. Thailand	510,890	62.9	69.9	1.0	137
27. United Kingdom	241,930	59.1	63.2	0.6	261
28. United States	9,147,420	285.1	313.9	0.9	34

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>  
 2. <http://www.indexmundi.com/facts/indicators/AG.LND.TOTL.K2/rankings>  
 3. Monthly Bulletin of Statistics online database. <http://unstats.un.org/unsd/mbs/app/DataSearchTable.aspx>.  
 4. U.S. Population Reference Bureau, 2012 *World Population Data Sheet*.

## 16-2. Economically Active and Total Populations

Unit: 1,000 persons

Country	Period	Total Population (mid-year) (A)	Economically Active Population (B)	Percentage (B/A x 100) %
1. Republic of China (Taiwan)	2011	23,194	11,200	48.3
2. Argentina	2011	40,900	18,629	45.5
3. Australia	2011	22,324	11,987	53.7
4. Belgium	2011	10,996	4,824	43.9
5. Brazil	2011	192,376	103,222	53.7
6. Canada	2011	34,483	19,122	55.5
7. Chile	2011	17,248	8,161	47.3
8. France	2011	63,294	29,003	45.8
9. Germany	2011	81,779	42,390	51.8
10. Hong Kong	2011	7,072	3,729	52.7
11. India	2011	1,192,503	481,098	40.3
12. Indonesia	2011	236,954	119,909	50.6
13. Italy	2011	60,626	25,282	41.7
14. Japan	2011	127,817	65,952	51.6
15. Korea, Rep. of	2011	50,111	24,427	48.7
16. Mainland China	2011	1,344,100	807,141	60.1
17. Malaysia	2011	28,553	12,233	42.8
18. Mexico	2009	107,551	47,939	44.6
19. Netherlands	2011	16,693	8,894	53.3
20. New Zealand	2011	4,405	2,376	53.9
21. Philippines	2010	94,013	38,719	41.2
22. Russian Federation	2011	142,961	76,213	53.3
23. Saudi Arabia	2011	28,376	9,800	34.5
24. Singapore	2011	5,184	2,872	55.4
25. South Africa	2011	50,587	18,496	36.6
26. Thailand	2011	67,599	39,783	58.9
27. United Kingdom	2011	62,735	31,889	50.8
28. United States	2011	311,592	159,259	51.1

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>

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2. Monthly Bulletin of Statistics online database. <http://unstats.un.org/unsd/mbs/app/DataSearchTable.aspx>3. International Labor Organization (ILO). <http://laborsta.ilo.org/applv8/data/EAPEP/v6/EAPEP-1990-2020.xlsx>

## 16-3. Distribution of Employment by Industry

Unit: 1,000 persons

Country	Period	Total	Primary Industry	Secondary Industry	Tertiary Industry	Others	Percentage (%)				
							Total	Primary Industry	Secondary Industry	Tertiary Industry	Others
1. Republic of China (Taiwan)	2012	10,860	544	3,935	6,381	0	100.0	5.0	36.2	58.8	0.0
2. Argentina	2011	10,766	129	2,599	8,038	0	100.0	1.2	24.1	74.7	0.0
3. Australia	2011	11,399	328	2,380	8,692	0	100.0	2.9	20.9	76.2	0.0
4. Belgium	2012	4,524	53	984	3,487	0	100.0	1.2	21.8	77.1	0.0
5. Brazil	2011	93,493	14,682	20,323	58,358	130	100.0	15.7	21.7	62.4	0.1
6. Canada	2012	17,508	309	3,563	13,636	0	100.0	1.8	20.3	77.9	0.0
7. Chile	2012	7,626	761	1,817	5,047	0	100.0	10.0	23.8	66.2	0.0
8. France	2012	25,798	754	5,596	19,317	131	100.0	2.9	21.7	74.9	0.5
9. Germany	2012	40,062	620	11,310	28,131	0	100.0	1.5	28.2	70.2	0.0
10. Hong Kong	2010	3,493	23	406	3,063	0	100.0	0.7	11.6	87.7	0.0
11. India	2010	374,286	191,096	83,757	99,433	0	100.0	51.1	22.4	26.6	0.0
12. Indonesia	2012	111,805	40,044	23,121	48,641	0	100.0	35.8	20.7	43.5	0.0
13. Italy	2012	22,899	849	6,362	15,688	0	100.0	3.7	27.8	68.5	0.0
14. Japan	2012	62,700	2,403	15,688	44,073	538	100.0	3.8	25.0	70.3	0.9
15. Korea, Rep. of	2012	24,681	1,528	6,041	16,626	486	100.0	6.2	24.5	67.4	2.0
16. Mainland China	2011	764,200	265,940	225,440	272,820	0	100.0	34.8	29.5	35.7	0.0
17. Malaysia	2010	11,129	1,475	3,068	6,587	0	100.0	13.3	27.6	59.2	0.0
18. Mexico	2012	47,847	6,535	11,306	29,681	326	100.0	13.7	23.6	62.0	0.7
19. Netherlands	2011	8,369	209	1,278	5,985	897	100.0	2.5	15.3	71.5	10.7
20. New Zealand	2012	2,216	151	441	1,624	0	100.0	6.8	19.9	73.3	0.0
21. Philippines	2012	37,622	12,104	5,767	19,751	0	100.0	32.2	15.3	52.5	0.0
22. Russian Federation	2012	71,391	5,338	19,813	46,239	0	100.0	7.5	27.8	64.8	0.0
23. Saudi Arabia	2012	10,263	479	2,533	7,251	0	100.0	4.7	24.7	70.7	0.0
24. Singapore	2011	1,999	...	392	1,583	24 (1)	100.0	...	19.6	79.2	1.2
25. South Africa	2012	13,523	660	3,188	8,549	1,126	100.0	4.9	23.6	63.2	8.3
26. Thailand	2012	38,939	15,433	8,155	15,351	0	100.0	39.6	20.9	39.4	0.0
27. United Kingdom	2012	29,428	347	5,569	23,226	286	100.0	1.2	18.9	78.9	1.0
28. United States	2012	142,469	2,186	25,797	114,486	0	100.0	1.5	18.1	80.4	0.0

(1) Includes agriculture, fishing, quarrying, utilities and sewage &amp; waste management

Sources: 1. National Statistics, R.O.C. <http://eng.stat.gov.tw/public/data/dgbas04/bc4/english/timeser/table04.XLS>2. International Labor Organization (ILO). [http://laborsta.ilo.org/sti/sti\\_E.html](http://laborsta.ilo.org/sti/sti_E.html)3. Department of Statistics, Singapore. [http://www.singstat.gov.sg/statistics/browse\\_by\\_theme/labour.html](http://www.singstat.gov.sg/statistics/browse_by_theme/labour.html)

4. Department of Statistics, Malaysia.

[http://www.statistics.gov.my/portal/index.php?option=com\\_content&view=article&id=1408&Itemid=109&lang=en](http://www.statistics.gov.my/portal/index.php?option=com_content&view=article&id=1408&Itemid=109&lang=en)5. Census and Statistics Department, Hong Kong Special Administrative Region, *Quarterly Report of Employment and Vacancies Statistics*, December 2012.

6. Instituto Brasileiro de Geografia e Estatística (IBGE). Pesquisa Nacional por Amostra de Domicílios, volume 31 2011, Brasil

### 16-4. Population by Age Group

Country	Period	Population (million)				Percentage (%)			
		All ages	Under 15	15-64	Over 65	All ages	Under 15	15-64	Over 65
1. Republic of China (Taiwan)	2012	23.3	3.5	17.2	2.6	100	15	74	11
2. Argentina	2012	40.8	10.2	26.5	4.1	100	25	65	10
3. Australia	2012	22.0	4.2	14.7	3.1	100	19	67	14
4. Belgium	2012	11.1	1.9	7.3	1.9	100	17	66	17
5. Brazil	2012	194.3	46.6	134.1	13.6	100	24	69	7
6. Canada	2012	34.9	5.6	24.4	4.9	100	16	70	14
7. Chile	2012	17.4	4.0	11.8	1.6	100	23	68	9
8. France	2012	63.6	12.1	40.7	10.8	100	19	64	17
9. Germany	2012	81.8	10.6	54.0	17.2	100	13	66	21
10. Hong Kong	2012	7.1	0.9	5.3	1.0	100	12	74	14
11. India	2012	1259.7	390.5	806.2	63.0	100	31	64	5
12. Indonesia	2012	241.0	65.1	161.5	14.5	100	27	67	6
13. Italy	2012	60.9	8.5	39.6	12.8	100	14	65	21
14. Japan	2012	127.6	16.6	80.4	30.6	100	13	63	24
15. Korea, Rep. of	2012	48.9	7.8	35.7	5.4	100	16	73	11
16. Mainland China	2012	1350.4	216.1	1012.8	121.5	100	16	75	9
17. Malaysia	2012	29.0	7.8	19.7	1.5	100	27	68	5
18. Mexico	2012	116.1	33.7	75.5	7.0	100	29	65	6
19. Netherlands	2012	16.7	2.8	11.2	2.7	100	17	67	16
20. New Zealand	2012	4.4	0.9	2.9	0.6	100	20	66	14
21. Philippines	2012	96.2	33.7	58.7	3.8	100	35	61	4
22. Russian Federation	2012	143.2	21.5	103.1	18.6	100	15	72	13
23. Saudi Arabia	2012	28.7	8.6	19.2	0.9	100	30	67	3
24. Singapore	2012	5.3	0.9	3.9	0.5	100	17	74	9
25. South Africa	2012	51.1	15.8	32.7	2.6	100	31	64	5
26. Thailand	2012	69.9	14.7	48.9	6.3	100	21	70	9
27. United Kingdom	2012	63.2	11.4	41.1	10.7	100	18	65	17
28. United States	2012	313.9	62.8	210.3	40.8	100	20	67	13

Sources: 1. DGBAS, [http://eng.dgbas.gov.tw/public/data/dgbas03/bs7/bulletin\\_eng/B-3.xls](http://eng.dgbas.gov.tw/public/data/dgbas03/bs7/bulletin_eng/B-3.xls)

2. U.S. Population Reference Bureau, *2012 World Population Data Sheet*.

16-5. Gross National Product and Per Capita GDP

Country	2009		2010		2011	
	GDP (US\$ million)	Per Capita GDP (US\$)	GDP (US\$ million)	Per Capita GDP (US\$)	GDP (US\$ million)	Per Capita GDP (US\$)
1. Republic of China (Taiwan)	377,529	16,359	428,186	18,503	464,009	20,006
2. Argentina	307,155	7,667	368,736	9,124	446,044	10,942
3. Australia	921,972	42,333	1,139,201	51,629	1,379,382	61,789
4. Belgium	473,405	43,848	468,586	43,007	513,661	46,608
5. Brazil	1,621,662	8,392	2,143,035	10,993	2,476,652	12,594
6. Canada	1,337,578	39,659	1,577,040	46,212	1,736,051	50,344
7. Chile	172,591	10,179	216,309	12,640	248,585	14,394
8. France	2,619,685	40,477	2,549,027	39,170	2,773,032	42,379
9. Germany	3,298,636	40,275	3,284,474	40,164	3,600,833	44,021
10. Hong Kong	214,046	30,562	228,816	32,374	248,612	35,156
11. India	1,365,372	1,131	1,710,909	1,397	1,872,840	1,509
12. Indonesia	539,580	2,273	708,027	2,952	846,832	3,495
13. Italy	2,111,148	35,073	2,043,531	33,787	2,193,971	36,130
14. Japan	5,035,142	39,473	5,488,416	43,063	5,867,154	45,903
15. Korea, Rep. of	834,060	16,959	1,014,890	20,540	1,116,247	22,424
16. Mainland China	4,991,256	3,749	5,930,529	4,433	7,318,499	5,445
17. Malaysia	202,252	7,236	246,821	8,691	287,937	9,977
18. Mexico	879,703	7,852	1,035,274	9,128	1,153,343	10,047
19. Netherlands	796,333	48,174	774,658	46,623	836,074	50,085
20. New Zealand	117,376	27,197	141,548	32,407	159,706	36,254
21. Philippines	168,334	1,836	199,589	2,140	224,771	2,370
22. Russian Federation	1,222,648	8,616	1,487,516	10,447	1,857,770	12,995
23. Saudi Arabia	376,693	14,051	450,792	16,423	576,824	20,540
24. Singapore	175,935	35,274	213,155	41,987	239,700	46,241
25. South Africa	283,012	5,738	363,523	7,272	408,237	8,070
26. Thailand	263,711	3,838	318,908	4,614	345,672	4,972
27. United Kingdom	2,183,863	35,331	2,256,260	36,238	2,445,408	38,974
28. United States	13,898,300	45,305	14,419,400	46,612	14,991,300	48,112

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw/ct.asp?xItem=28862&ctNode=3565&mp=4>

2. World Bank, <http://data.worldbank.org/indicator>

## 16-6. Savings and Investment

Country	2010						2011					
	Gross Savings		Gross Investment		Excess Savings		Gross Savings		Gross Investment		Excess Savings	
	amount (US\$ million)	as % of GDP	amount (US\$ million)	as % of GDP	amount (US\$ million)	as % of GDP	amount (US\$ million)	as % of GDP	amount (US\$ million)	as % of GDP	amount (US\$ million)	as % of GDP
1. Republic of China (Taiwan)	139,962	32.7	95,900	22.4	44,062	10.3	142,066	30.6	96,249	20.7	45,817	9.9
2. Argentina	82,817	22.5	81,130	22.0	1,687	0.5	99,553	22.32	100,694	22.6	-1,142	-0.3
3. Australia	260,363	22.9	310,148	27.2	-49,785	-4.4	...	...	368,075	26.7	...	...
4. Belgium	108,036	23.1	96,368	20.6	11,667	2.5	114,683	22.33	111,790	21.8	2,893	0.6
5. Brazil	375,737	17.5	433,721	20.2	-57,983	-2.7	426,667	17.23	488,551	19.7	-61,884	-2.5
6. Canada	290,588	18.4	350,173	22.2	-59,584	-3.8	340,923	19.64	396,065	22.8	-55,141	-3.2
7. Chile	54,059	25.0	50,939	23.5	3,120	1.4	57,978	23.32	61,267	24.6	-3,289	-1.3
8. France	439,563	17.2	491,008	19.3	-51,445	-2.0	495,744	17.88	572,341	20.6	-76,597	-2.8
9. Germany	772,595	23.5	574,395	17.5	198,200	6.0	861,177	23.92	657,653	18.3	203,524	5.7
10. Hong Kong	68,466	29.9	54,653	23.9	13,813	6.0	72,986	29.36	58,138	23.4	14,849	6.0
11. India	592,212	34.6	632,630	37.0	-40,418	-2.4	...	...	663,881	35.4	...	...
12. Indonesia	227,244	32.1	230,635	32.6	-3,391	-0.5	269,542	31.83	277,508	32.8	-7,966	-0.9
13. Italy	342,762	16.8	413,827	20.3	-71,065	-3.5	360,162	16.42	431,554	19.7	-71,392	-3.3
14. Japan	1,278,155	23.3	1,085,261	19.8	192,894	3.5	1,272,323	21.69	1,165,603	19.9	106,720	1.8
15. Korea, Rep. of	323,997	31.9	299,664	29.5	24,332	2.4	351,837	31.52	328,740	29.5	23,097	2.1
16. Mainland China	3,105,577	52.4	2,859,619	48.2	245,958	4.1	3,855,682	52.68	3,545,675	48.4	310,007	4.2
17. Malaysia	84,474	34.2	57,135	23.1	27,339	11.1	99,641	34.61	67,908	23.6	31,733	11.0
18. Mexico	244,040	23.6	248,838	24.0	-4,798	-0.5	306,359	26.56	289,591	25.1	16,768	1.5
19. Netherlands	175,465	22.7	139,288	18.0	36,177	4.7	218,148	26.09	151,265	18.1	66,882	8.0
20. New Zealand	26,593	18.8	28,134	19.9	-1,540	-1.1	...	...	31,011	19.4	...	...
21. Philippines	54,532	27.3	40,997	20.5	13,535	6.8	56,494	25.13	48,807	21.7	7,687	3.4
22. Russian Federation	409,720	27.5	338,788	22.8	70,932	4.8	563,785	30.35	464,374	25.0	99,411	5.4
23. Saudi Arabia	169,896	37.7	103,117	22.9	66,779	14.8	269,937	46.8	110,269	19.1	159,668	27.7
24. Singapore	99,228	46.6	47,167	22.1	52,061	24.4	...	...	53,788	22.4	...	...
25. South Africa	59,850	16.5	70,077	19.3	-10,227	-2.8	66,938	16.4	80,560	19.7	-13,621	-3.3
26. Thailand	98,708	31.0	82,709	25.9	15,999	5.0	...	...	92,040	26.6	...	...
27. United Kingdom	279,808	12.4	340,758	15.1	-60,950	-2.7	314,562	12.9	364,131	14.9	-49,569	-2.0
28. United States	1,678,105	11.6	2,140,000	14.8	-461,895	-3.2	1,753,250	11.7	2,235,900	14.9	-482,650	-3.2

16-7. Structure of Gross Domestic Product by Industry

Country	GDP		% of 2010 GDP		
	US\$ million 2010	Annual Growth Rate (%) 2010	Agriculture	Industry	Services
1. Republic of China (Taiwan)	428,186	13.4	1.7	31.9	66.4
2. Argentina	368,736	20.0	10.0	30.9	59.1
3. Australia	1,139,201	23.6	2.3	19.8	77.9
4. Belgium	468,586	-1.0	0.7	21.7	77.7
5. Brazil	2,143,035	32.2	5.3	28.1	66.6
6. Canada (1)	1,502,678	5.5	1.9	32.0	66.1
7. Chile	216,309	25.3	3.4	39.5	57.0
8. France (2)	2,619,685	-7.5	1.8	19.1	79.2
9. Germany	3,284,474	-0.4	0.9	27.9	71.2
10. Hong Kong	228,816	6.9	0.1	7.1	92.8
11. India	1,710,909	25.3	18.0	27.6	54.4
12. Indonesia	708,027	31.2	15.3	47.0	37.7
13. Italy	2,043,531	-3.2	1.9	25.2	72.9
14. Japan	5,488,416	9.0	1.2	27.4	71.5
15. Korea, Rep. of	1,014,890	21.7	2.6	38.8	58.5
16. Mainland China	5,930,529	18.8	10.1	46.7	43.2
17. Malaysia	246,821	22.0	10.4	41.1	48.5
18. Mexico	1,035,274	17.7	3.9	34.7	61.4
19. Netherlands	774,658	-2.7	2.0	23.9	74.2
20. New Zealand (3)	109,522	-3.1	5.6	24.8	69.5
21. Philippines	199,589	18.6	12.3	32.6	55.1
22. Russian Federation	1,487,516	21.7	4.0	35.4	60.6
23. Saudi Arabia	450,792	19.7	2.5	59.8	37.8
24. Singapore	213,155	21.2	0.0	27.9	72.1
25. South Africa	363,523	28.4	2.5	30.8	66.7
26. Thailand	318,908	20.9	12.4	44.7	43.0
27. United Kingdom	2,256,260	3.3	0.7	21.6	77.7
28. United States	14,419,400	3.7	1.2	20.0	78.8

(1) Figure for 2008; (2) Figure for 2009; (3) Figure for 2006.

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>

2. World Bank, <http://data.worldbank.org/indicator>

## 16-8. Expenditure on Gross Domestic Product

Unit: %

Country	Period	Gross Domestic Product	National Consumption			Gross Capital Formation			Exports of Goods & Services	Less: Imports of Goods & Services	Statistical Discrepancy
			Subtotal	Private	General Government	Subtotal	Gross Fixed Capital Formation	Increase in Inventory			
1. Republic of China (Taiwan)	2011	100.0	72.64	60.22	12.42	20.74	20.79	-0.05	76.06	69.44	0.00
2. Argentina	2011	100.0	75.13	59.99	15.14	22.57	22.57	0.00	21.82	19.53	0.04
3. Australia	2011	100.0	71.80	53.93	17.87	26.68	26.48	0.20	21.29	19.78	0.00
4. Belgium	2011	100.0	77.00	52.64	24.36	21.76	20.66	1.10	84.34	83.11	0.00
5. Brazil	2011	100.0	81.01	60.33	20.68	19.73	19.28	0.45	11.89	12.62	0.00
6. Canada	2011	100.0	78.41	57.03	21.39	22.54	22.54	0.00	31.17	32.39	0.00
7. Chile	2011	100.0	72.01	60.19	11.82	24.65	23.15	1.49	38.07	34.72	0.00
8. France	2011	100.0	82.17	57.66	24.51	20.64	20.09	0.55	26.96	29.77	0.00
9. Germany	2011	100.0	76.66	57.38	19.28	18.26	18.12	0.14	50.17	45.10	0.00
10. Hong Kong	2011	100.0	72.63	63.97	8.67	23.38	22.50	0.88	225.49	221.51	0.00
11. India	2011	100.0	71.00	59.38	11.62	32.74	30.63	2.11	23.88	30.33	0.03
12. Indonesia	2011	100.0	65.82	56.83	8.99	32.77	32.02	0.75	26.33	24.92	0.02
13. Italy	2011	100.0	81.81	61.34	20.47	19.67	19.56	0.11	28.84	30.32	0.00
14. Japan	2011	100.0	81.05	60.40	20.65	20.70	20.70	0.00	15.22	16.14	0.00
15. Korea, Rep. of	2011	100.0	68.53	53.13	15.40	29.45	27.44	2.01	56.16	54.14	0.02
16. Mainland China	2011	100.0	47.48	34.39	13.10	48.45	45.51	2.94	31.37	27.30	0.00
17. Malaysia	2011	100.0	60.52	47.50	13.02	23.58	22.13	1.45	91.56	75.66	0.00
18. Mexico	2011	100.0	76.22	64.31	11.91	25.11	21.10	4.01	31.67	33.00	0.00
19. Netherlands	2011	100.0	72.97	45.04	27.93	18.09	17.72	0.37	83.00	74.06	0.00
20. New Zealand	2011	100.0	79.20	59.15	20.05	18.72	18.72	0.00	30.03	28.65	0.00
21. Philippines	2011	100.0	83.29	73.72	9.57	21.71	19.08	2.64	31.02	36.02	0.00
22. Russian Federation	2011	100.0	66.24	48.32	17.92	25.00	21.29	3.71	31.05	22.29	-0.02
23. Saudi Arabia	2011	100.0	49.91	30.16	19.75	19.12	19.05	0.07	61.61	30.64	0.00
24. Singapore	2011	100.0	50.89	40.57	10.32	22.44	23.42	-0.98	208.95	182.28	0.01
25. South Africa	2011	100.0	80.87	59.40	21.47	19.73	18.89	0.85	28.82	29.43	0.01
26. Thailand	2011	100.0	68.84	55.58	13.26	26.63	26.27	0.36	76.94	72.41	0.01
27. United Kingdom	2011	100.0	86.69	64.33	22.36	14.89	14.21	0.68	32.49	34.07	0.00
28. United States	2011	100.0	88.87	71.57	17.31	14.92	14.69	0.22	13.97	17.76	0.00

352 Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>2. World Bank, <http://data.worldbank.org/indicator/all>

16-9. External Debt

Country	Period					Present Value Percentage of GNI (%) 2011
	2007 (US\$ million)	2008 (US\$ million)	2009 (US\$ million)	2010 (US\$ million)	2011 (US\$ million)	
1. Republic of China (Taiwan)	94,525	90,361	81,963	101,581	122,528	25.7
2. Argentina	120,418	121,894	126,687	111,768	114,704	28.6
3. Brazil	238,446	262,959	281,651	352,440	404,317	17.7
4. Chile	56,360	63,911	69,884	81,435	96,245	43.4
5. Colombia	43,421	46,271	53,054	64,124	76,918	24.5
6. Egypt, Arab Rep.	34,149	33,509	34,970	36,427	35,001	13.3
7. India	204,005	227,043	256,229	290,351	334,331	17.5
8. Indonesia	147,854	157,906	179,394	195,172	213,541	26.6
9. Iran, Islamic Rep.	21,466	15,743	18,265	20,041	19,113	4.0
10. Mainland China	373,457	380,165	443,155	558,344	685,418	10.7
11. Malaysia	63,091	67,674	69,784	85,126	94,468	36.8
12. Mexico	199,221	206,739	199,944	243,824	287,037	20.2
13. Pakistan	41,982	49,505	56,329	58,488	60,182	22.9
14. Philippines	66,214	65,174	64,414	73,720	76,043	32.6
15. Russian Federation	471,182	493,928	479,036	510,152	542,977	33.8
16. South Africa	69,364	68,052	77,275	102,348	113,512	17.5
17. Thailand	45,440	50,258	61,209	80,551	80,039	25.2
18. Turkey	258,430	289,555	277,978	299,859	307,007	40.3

Sources: 1. The Central Bank of China, R.O.C. (Taiwan).

2.The World Bank online database. <http://data.worldbank.org/>

## 16-10. Indices of Industrial Production

Base: 2005=100

Country	2006	2007	2008	2009	2010	2011	2012
1. Republic of China (Taiwan) (1)	78.6	84.7	83.7	77.1	95.8	100.0	99.8
2. Argentina (2)	109.3	119.4	125.9	126.6	141.8	157.3	...
3. Australia	100.9	105.6	108.3	108.0	112.5	111.9	114.3
4. Belgium	103.2	108.5	109.9	96.9	105.2	109.1	105.8
5. Brazil	102.9	109.0	112.4	104.1	115.0	115.4	112.4
6. Canada	99.5	98.8	93.5	83.9	88.2	92.1	...
7. Chile (2)	103.3	107.5	107.8	100.6	103.8	112.1	114.8
8. France	100.6	101.7	98.8	84.8	89.0	90.8	88.3
9. Germany	105.3	111.4	112.1	93.6	104.2	110.9	110.1
10. Hong Kong (2)	102.3	100.8	94.0	86.2	89.3	89.9	89.2
11. India	112.9	130.4	133.7	140.8	152.4	156.8	...
12. Indonesia (2)	98.4	103.9	107.0	108.3	113.3	119.6	...
13. Italy	103.1	105.7	102.3	83.2	89.0	89.2	83.8
14. Japan	104.4	107.3	103.8	81.7	94.8	92.4	92.2
15. Korea, Rep. of	108.4	115.9	119.8	119.7	139.2	148.7	151.3
16. Mainland China	...	...	...	...	...	...	...
17. Malaysia	104.9	107.3	108.1	99.9	107.1	108.4	112.6
18. Mexico	105.7	107.9	107.7	99.5	105.5	109.7	113.6
19. Netherlands	102.1	106.2	106.9	99.3	106.7	106.2	105.7
20. New Zealand	101.0	99.2	103.7	97.0	95.9	96.6	95.9
21. Philippines (2)	90.1	86.0	86.2	76.0	93.6	94.6	...
22. Russian Federation	106.3	113.5	114.2	103.6	112.1	117.4	120.4
23. Saudi Arabia	...	...	...	...	...	...	...
24. Singapore (2)	111.9	118.5	113.6	108.9	141.2	152.2	152.7
25. South Africa (2)	104.8	109.6	110.4	96.2	100.9	103.5	105.6
26. Thailand (2)	106.4	114.9	119.5	110.9	126.9	115.3	118.2
27. United Kingdom	100.1	100.6	97.9	89.0	90.8	90.3	88.2
28. United States	102.4	105.3	101.8	90.4	95.9	99.3	103.2

(1) Base 2011=100 (2) Manufacturing only.

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>

## 16-11. Wholesale Price Indices

Base: 2005=100

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1. Republic of China (Taiwan) (1)	77	76	76	78	84	84	89	95	100	91	96	100
2. Argentina	41	40	72	86	92	100	111	124	142	151	174	198
3. Australia	87	90	90	91	94	100	108	110	120	113	115	119
4. Belgium	91	93	92	91	95	100	106	109	116	106	114	123
5. Brazil	51	58	67	86	95	100	101	106	121	121	128	140
6. Canada	96	96	97	95	98	100	102	104	108	105	106	111
7. Chile	75	81	87	93	95	100	107	114	133	133	131	138
8. France	93	94	94	95	97	100	103	105	110	104	107	113
9. Germany	91	93	93	94	96	100	105	107	113	108	110	116
10. Hong Kong	111	109	106	106	109	100	102	105	111	109	116	126
11. India	79	83	85	90	95	100	105	110	119	122	134	146
12. Indonesia	66	75	78	79	86	100	113	130	165	162	170	183
13. Italy	91	92	92	94	96	100	106	109	115	109	112	118
14. Japan	102	100	98	97	98	100	102	104	109	103	103	104
15. Korea, Rep. of	91	91	90	92	98	100	101	102	111	111	115	123
16. Mainland China	...	...	...	...	...	...	...	...	...	...	...	...
17. Malaysia	84	84	84	87	94	100	107	113	124	115	121	132
18. Mexico	75	79	83	89	97	100	106	111	119	126	130	137
19. Netherlands	89	92	93	94	97	100	102	106	111	110	113	118
20. New Zealand	89	94	93	92	95	100	105	109	120	117	121	126
21. Philippines	64	74	75	82	92	100	109	110	115	113	108	109
22. Russian Federation	44	52	58	67	83	100	112	128	156	145	162	191
23. Saudi Arabia	94	94	94	94	97	100	101	107	117	113	118	123
24. Singapore	88	86	85	87	91	100	105	105	113	97	102	111
25. South Africa	76	81	92	94	96	100	108	120	137	137	145	157
26. Thailand	79	81	83	86	92	100	107	111	124	120	131	138
27. United Kingdom	97	97	97	97	98	100	102	104	111	113	118	125
28. United States	84	85	83	88	93	100	105	110	120	110	117	128

(1) Base 2011=100

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>2. World Bank, <http://data.worldbank.org/indicator/all>

## 16-12. Consumer Price Indices

Base: 2005=100

Country	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1. Republic of China (Taiwan) (1)	90	90	90	89	91	93	93	95	99	98	99	100
2. Argentina	62	61	77	87	91	100	111	121	...	139	153	169
3. Australia	86	90	93	95	97	100	104	106	111	113	116	120
4. Belgium	90	92	94	95	97	100	102	104	108	108	111	115
5. Brazil	66	71	77	88	94	100	104	108	114	120	126	134
6. Canada	89	91	93	96	98	100	102	104	107	107	109	112
7. Chile	...	...	...	...	...	...	...	...	...	100	101	105
8. France	91	92	94	96	98	100	102	103	106	106	108	110
9. Germany	93	95	96	97	98	100	102	104	107	107	108	110
10. Hong Kong	107	105	102	100	99	100	102	104	109	109	112	118
11. India	82	85	89	92	96	100	106	113	122	136	152	165
12. Indonesia	64	71	80	85	91	100	113	120	132	138	146	153
13. Italy	89	91	93	96	98	100	102	104	107	108	110	113
14. Japan	102	101	101	100	100	100	100	100	102	100	100	99
15. Korea, Rep. of	85	88	91	94	97	100	102	105	110	113	116	121
16. Mainland China	94	94	93	95	98	100	101	106	113	112	115	122
17. Malaysia	92	93	95	96	97	100	104	106	111	112	114	118
18. Mexico	79	84	88	92	96	100	104	108	113	119	124	128
19. Netherlands	88	92	95	97	98	100	101	103	105	107	108	111
20. New Zealand	89	91	94	95	97	100	103	106	110	112	115	120
21. Philippines	81	85	88	90	94	100	105	109	118	122	127	133
22. Russian Federation	50	61	70	80	89	100	110	120	136	152	163	176
23. Saudi Arabia	99	98	98	99	99	100	102	106	117	123	129	136
24. Singapore	97	98	97	98	100	100	101	103	110	111	114	120
25. South Africa	78	83	90	95	97	100	105	112	125	134	140	147
26. Thailand	89	91	91	93	96	100	105	107	113	112	116	120
27. United Kingdom	93	94	95	97	98	100	102	105	108	111	114	120
28. United States	88	91	92	94	97	100	103	106	110	110	112	115

(1) Base 2011=100

Sources: 1. National Statistics, R.O.C. online database. <http://www.stat.gov.tw>2. World Bank, <http://data.worldbank.org/indicator/all>3. Monthly Bulletin of Statistics online database. <http://unstats.un.org/unsd/mbs/app/DataSearchTable.aspx>

### 16-13. International Rankings

Country	World Competitiveness Rankings						Rankings for the Ease of Doing Business		
	Issued by WEF (1)			Issued by IMD (2)			2011	2012	2013
	2010	2011	2012	2011	2012	2013			
1. Republic of China (Taiwan)	13	13	13	6	7	11	33	25	16
2. Argentina	87	85	94	54	55	59	115	113	124
3. Australia	16	20	20	9	15	16	10	15	10
4. Belgium	19	15	17	23	25	26	25	28	33
5. Brazil	58	53	48	44	46	51	127	126	130
6. Canada	10	12	14	7	6	7	7	13	17
7. Chile	30	31	33	25	28	30	43	39	37
8. France	15	18	21	29	29	28	26	29	34
9. Germany	5	6	6	10	9	9	22	19	20
10. Hong Kong	11	11	9	1	1	3	2	2	2
11. India	51	56	59	32	35	40	134	132	132
12. Indonesia	44	46	50	37	42	39	121	129	128
13. Italy	48	43	42	42	40	44	80	87	73
14. Japan	6	9	10	26	27	24	18	20	24
15. Korea, Rep. of	22	24	19	22	22	22	16	8	8
16. Mainland China	27	26	29	19	23	21	79	91	91
17. Malaysia	26	21	25	16	14	15	21	18	12
18. Mexico	66	58	53	38	37	32	35	53	48
19. Netherlands	8	7	5	14	11	14	30	31	31
20. New Zealand	23	25	23	21	24	25	3	3	3
21. Philippines	85	75	65	41	43	38	148	136	138
22. Russian Federation	63	66	67	49	48	42	123	120	112
23. Saudi Arabia	21	17	18	...	...	...	11	12	22
24. Singapore	3	2	2	3	4	5	1	1	1
25. South Africa	54	50	52	52	50	53	34	35	39
26. Thailand	38	39	38	27	30	27	19	17	18
27. United Kingdom	12	10	8	20	18	18	4	7	7
28. United States	4	5	7	1	2	1	5	4	4

(1) WEF is abbreviated from World Economic Forum, an independent international organization committed to improving the state of the world by engaging business, political, academic and other leaders of society to shape global, regional and industry agendas.

(2) IMD is abbreviated from International Institute for Management Development.

Sources: 1. World Economic Forum (WEF), *The Global Competitiveness Report 2011-2012 and 2012-2013*.

2. International Institute for Management Development (IMD), *IMD World Competitiveness Yearbook 2013*.

3. World Bank (WB), *Doing Business 2011, 2012 and 2013*.



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