

# **Taiwan Statistical Data Book**

**2004**

Council for Economic Planning and Development

Republic of China

# Preface

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.

June 2004

# Taiwan Statistical Data Book

## Explanatory Notes

1. Statistical data published herein are compiled from material collected from various agencies concerned.  
Data on foreign countries are taken from publications of the United Nations and its specialized agencies.
2. The metric system of measurement and calendar year are used unless otherwise specified.
3. Figures which appeared in previous editions have been updated, wherever necessary.
4. "Taiwan" includes both the municipalities of Taipei and Kaohsiung and the province of Taiwan unless otherwise specified.
5. 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: %

Period	Rep. of China	Hong Kong	Indonesia	Japan	Rep. of Korea	Mainland China	Malaysia	Philippines	Singapore
1996	6.10	4.3	8.0	3.6	7.0	9.6	10.0	5.8	8.1
1997	6.68	5.1	4.5	1.8	4.7	8.8	7.3	5.2	8.6
1998	4.57	-5.0	-13.1	-1.2	-6.9	7.8	-7.4	-0.6	-0.9
1999	5.42	3.4	0.8	0.2	9.5	7.1	6.1	3.4	6.9
2000	5.86	10.2	4.9	2.8	8.5	8.0	8.6	4.4	9.7
2001	-2.18	0.5	3.5	0.4	3.8	7.5	0.3	3.0	-1.9
2002	3.59	2.3	3.7	-0.3	7.0	8.0	4.1	4.4	-2.2
2003	3.24	3.3	4.1	2.7	3.1	9.1	5.2	4.5	1.1

Year	Thailand	Australia	France	Germany	Italy	Sweden	Switzerland	United Kingdom	United States
1996	5.9	4.3	1.0	0.8	1.1	1.3	0.3	2.7	3.7
1997	-1.4	3.9	1.9	1.4	2.0	2.4	1.7	3.3	4.5
1998	-10.5	5.2	3.6	2.0	1.8	3.6	2.4	3.1	4.2
1999	4.4	4.3	3.2	2.0	1.7	4.6	1.5	2.8	4.4
2000	4.8	3.2	4.2	2.9	3.0	4.3	3.2	3.8	3.7
2001	2.1	2.5	2.1	0.8	1.8	0.9	0.9	2.1	0.5
2002	5.4	3.8	1.2	0.2	0.4	2.1	0.2	1.7	2.2
2003	6.7	3.0	0.2	-0.1	0.3	1.6	-0.5	2.3	3.1

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Quarterly National Economic Trends, Taiwan Area, Republic of China*, No. 104, Feb. 2004.  
2. IMF, *World Economic Outlook*, April 2004.

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

Unit: National Currency per U.S. Dollar

End of Year	Rep. of China	Hong Kong	Indonesia	Japan	Rep. of Korea	Mainland China	Malaysia	Philippines
	N.T. Dollar	H.K.Dollar	Rupiah	Yen	Won	Yuan	Ringgit	Peso
1996	27.491	7.736	2,383.0	116.00	844.20	8.2982	2.5290	26.288
1997	32.638	7.746	4,650.0	129.95	1,695.00	8.2798	3.8919	39.975
1998	32.216	7.746	8,025.0	115.60	1,204.00	8.2787	3.8000	39.059
1999	31.395	7.771	7,085.0	102.20	1,138.00	8.2795	3.8000	40.313
2000	32.992	7.796	9,595.0	114.90	1,264.50	8.2774	3.8000	49.998
2001	34.999	7.797	10,400.0	131.80	1,313.50	8.2768	3.8000	51.404
2002	34.753	7.798	8,940.0	119.90	1,186.20	8.2773	3.8000	53.096
2003	33.978	7.763	8,465.0	107.10	1,192.60	8.2767	3.8000	55.569

End of Year	Singapore	Thailand	France	Germany	Italy	Sweden	Switzerland	United Kingdom
	S. Dollar	Baht	Franc	D. Mark	Lire	Kronor	Franc	Pound
1996	1.3998	25.610	5.2370	1.5548	1,530.6	6.8710	1.3464	0.5889
1997	1.6755	47.247	5.9881	1.7921	1,759.2	7.8770	1.4553	0.6047
1998	1.6605	36.691	5.6221	1.6730	1,653.1	8.0610	1.3765	0.6011
1999	1.6660	37.470	6.5294	1.9468	1,927.4	8.5250	1.5996	0.6187
2000	1.7315	42.268	7.0496	2.1019	2,080.9	9.5350	1.6365	0.6702
2001	1.8510	44.222	7.4432	2.2192	2,197.1	10.6675	1.6773	0.6895
2002	1.7365	43.152	6.2552	1.8651	1,846.5	8.8250	1.3868	0.6204
2003	1.7008	39.591	5.1939	1.5486	1,533.1	7.1892	1.2369	0.5603

Sources: 1. Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan District, Republic of China*, April 2004.  
2. IMF, *International Financial Statistics*, March 2004.

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	Philippines
<b>External Current Account Balance</b>									
1997	7.1	-7.7	14.9	-8.2	-3.0	-3.0	-4.9	-5.9	-4.4
1998	3.4	2.5	18.5	40.4	14.2	-6.9	4.1	9.5	1.5
1999	8.0	10.3	15.2	24.5	12.4	-4.7	5.8	12.6	6.6
2000	8.9	7.1	13.3	12.2	9.3	-3.6	8.0	8.5	6.0
2001	17.9	9.9	16.1	8.0	6.2	0.8	6.9	7.3	1.2
2002	25.6	14.4	18.9	5.4	7.0	4.1	7.8	7.2	4.4
2003	29.2	17.4	23.0	12.3	8.0	1.7	7.8	13.4	3.4
<b>External Debt (End of Year)</b>									
1997	...	...	0.0	159.2	93.7	94.3	136.2	45.3	45.7
1998	...	...	0.0	148.7	86.2	97.6	151.2	34.2	48.3
1999	38.6	...	0.0	137.1	78.1	98.3	151.0	36.8	53.0
2000	34.8	...	0.0	136.3	62.7	99.1	144.1	37.8	50.4
2001	34.3	...	0.0	119.9	56.2	97.3	135.7	39.3	52.4
2002	45.0	...	0.0	131.0	52.3	99.6	131.3	40.4	53.9
2003	63.1	...	0.0	159.8	42.4	113.3	133.0	40.2	57.1
<b>Foreign Exchange Holdings (End of Year)</b>									
1997	83.5	92.8	71.3	20.4	26.2	24.7	16.6	20.8	7.3
1998	90.3	89.7	74.9	52.0	28.8	27.3	22.7	25.6	9.2
1999	106.2	96.2	76.8	74.0	34.1	32.7	26.4	30.6	13.2
2000	106.7	107.5	80.1	96.1	32.0	37.9	28.5	29.5	13.1
2001	122.2	111.2	75.4	102.8	32.4	45.9	27.2	30.5	13.4
2002	161.7	111.9	82.0	121.3	38.0	67.7	31.0	34.2	13.1
2003	206.6	118.4	95.7	155.3	41.1	98.9	35.0	44.5	13.5

Sources: 1. IMF, *International Financial Statistics*, April 2004.

2. Global Insight, *Quarterly Review and Outlook*, First Quarter 2004.

3. Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan District, Republic of China*, April 2004.

## 2-a. Sources of Taiwan's Economic Growth

## A. By Expenditure

Item	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Real Growth Rate (%)</b>									
Gross Domestic Product	6.4	6.1	6.7	4.6	5.4	5.9	-2.2	3.6	3.2
Domestic Demand	5.2	5.8	8.7	6.5	1.9	4.0	-5.2	1.0	0.9
Private Consumption	5.6	6.5	7.3	6.5	5.4	4.9	1.0	2.0	0.8
Government Consumption	3.1	6.7	5.9	4.1	-6.5	0.6	-1.0	-0.2	0.8
Fixed Capital Formation	7.3	1.7	10.6	8.0	1.8	8.6	-20.6	-2.1	-1.6
Private	11.4	3.4	18.6	11.8	-0.7	15.7	-29.2	2.5	-0.7
Government	3.2	-0.3	0.5	0.1	3.6	-4.7	-4.8	-13.1	-1.8
Public Enterprises	-0.4	-2.0	-4.3	4.4	13.3	-3.5	4.1	-2.3	-5.5
Increase in Inventory	-52.7	115.2	127.3	3.0	-60.0	...	-88.9	14.7	61.6
Net Exports of Goods & Services	...	...	...	...	...	...	...	...	...
Exports of Goods & Services	12.3	6.7	9.1	2.4	11.9	17.6	-7.8	10.0	10.5
(Less):Imports of Goods & Services	9.8	6.0	13.7	6.3	4.4	14.5	-13.9	5.8	7.6
<b>Contribution (percentage point)</b>									
Gross Domestic Product	6.4	6.1	6.7	4.6	5.4	5.9	-2.2	3.6	3.2
Domestic Demand	5.1	5.6	8.4	6.4	1.9	3.9	-4.9	1.0	0.8
Private Consumption	3.3	3.8	4.3	3.9	3.3	3.0	0.6	1.2	0.5
Government Consumption	0.5	0.9	0.8	0.6	-0.9	0.1	-0.1	0.0	0.1
Fixed Capital Formation	1.7	0.4	2.4	1.9	0.4	2.0	-4.9	-0.4	-0.3
Private	1.5	0.5	2.5	1.8	-0.1	2.4	-4.8	0.3	-0.1
Government	0.2	-0.02	0.03	0.01	0.2	-0.3	-0.2	-0.6	-0.1
Public Enterprises	-0.01	-0.1	-0.1	0.1	0.3	-0.1	0.1	-0.1	-0.1
Increase in Inventory	-0.4	0.4	0.9	0.05	-0.9	-1.2	-0.5	0.2	0.6
Net Exports of Goods & Services	1.3	0.5	-1.7	-1.8	3.5	2.0	2.7	2.6	2.4
Exports of Goods & Services	5.5	3.2	4.3	1.2	5.6	8.8	-4.3	5.3	5.9
(Less):Imports of Goods & Services	4.2	2.7	6.1	3.0	2.1	6.9	-7.1	2.6	3.5

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Quarterly National Economic Trends, Taiwan Area, Republic of China*, No. 104, Feb. 2004.

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

B. By Industry

Item	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Real Growth Rate (%)</b>									
Gross Domestic Product	6.4	6.1	6.7	4.6	5.4	5.9	-2.2	3.6	3.2
Agriculture	2.8	-0.3	-1.5	-6.6	2.7	1.2	-2.1	4.7	-0.2
Industry	5.1	3.4	6.1	2.7	4.7	5.7	-6.0	5.0	4.7
Mining	-3.1	-13.5	-6.9	-3.4	-5.2	-5.6	-8.0	2.1	-16.7
Manufacturing	5.9	4.8	6.7	3.3	6.7	7.3	-5.7	6.3	5.8
Electricity, Gas, & Water	6.5	5.6	6.1	6.1	2.6	7.2	1.1	2.2	4.6
Construction	1.5	-3.1	4.0	-2.1	-5.8	-5.5	-12.6	-2.9	-3.5
Services	7.4	8.1	7.4	6.2	6.0	6.1	-0.1	2.8	2.6
Trade and Eating-Drinking Places	8.3	7.7	7.4	7.0	5.9	6.7	-2.5	2.4	2.9
Transport, Storage & Communication	5.9	5.3	6.7	9.5	16.4	12.7	3.1	4.9	4.2
Finance, Insurance & Real Estate	6.7	7.6	12.0	4.2	3.1	1.9	0.5	4.3	3.0
Other Services	8.0	10.1	2.9	6.5	5.4	7.6	0.2	1.4	0.4
<b>Contribution (percentage point)</b>									
Gross Domestic Product	6.4	6.1	6.7	4.6	5.4	5.9	-2.2	3.6	3.2
Agriculture	0.1	-0.01	-0.05	-0.2	0.1	0.03	-0.05	0.12	-0.01
Industry	1.9	1.3	2.2	1.0	1.6	2.0	-2.1	1.7	1.6
Mining	-0.02	-0.1	-0.03	-0.01	-0.02	-0.02	-0.02	0.01	-0.04
Manufacturing	1.7	1.3	1.9	0.9	1.8	1.7	-1.6	1.7	1.6
Electricity, Gas, & Water	0.2	0.1	0.2	0.2	0.1	0.2	0.03	0.06	0.1
Construction	0.1	-0.2	0.2	-0.1	-0.3	-0.2	-0.4	-0.1	-0.1
Services	4.4	4.9	4.5	3.8	3.7	3.9	-0.1	1.8	1.7
Trade and Eating-Drinking Places	1.4	1.3	1.2	1.2	1.0	1.2	-0.4	0.4	0.5
Transport, Storage & Communication	0.4	0.3	0.4	0.6	1.1	0.9	0.2	0.4	0.3
Finance, Insurance & Real Estate	1.3	1.5	2.3	0.9	0.6	0.4	0.1	0.8	0.6
Other Services	1.4	1.8	0.6	1.2	1.0	1.4	0.0	0.3	0.1

2-c. Sources of Taiwan's Economic Growth (Continued)  
C. By Input

Item	1995	1996	1997	1998	1999	2000	2001	2002	2003
Contribution (percentage point)									
Gross Domestic Product	6.4	6.1	6.7	4.6	5.4	5.9	-2.2	3.6	3.2
Increase in Employment	1.2	0.3	1.2	1.2	1.0	1.1	-1.2	0.8	1.3
Increase in Labor Productivity	5.2	5.8	5.5	3.4	4.4	4.8	-1.0	2.8	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	18.7	4.9	17.9	26.1	18.5	18.6	54.5	22.3	40.1
Increase in Labor Productivity	81.3	95.1	82.1	73.9	81.5	81.4	45.5	77.7	59.9

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\$				
1990	5.39	4.12	4.6	3.3	7.8	-0.6	-1.8	-2.6	2.4	0.7	2.5	0.6
1991	7.55	3.62	5.2	3.9	7.4	0.2	0.01	0.8	-2.8	-2.6	0.5	0.8
1992	7.49	4.47	2.9	3.1	5.0	-3.7	-3.0	-1.2	-6.9	-0.8	-5.4	0.9
1993	7.01	2.94	2.9	2.9	5.2	2.5	1.5	0.2	4.7	-0.2	5.2	0.3
1994	7.11	4.10	3.1	3.2	5.1	2.2	2.8	1.8	5.1	4.8	0.6	0.3
1995	6.42	3.67	3.4	3.6	3.9	7.4	7.6	6.4	10.2	10.1	6.9	6.8
1996	6.10	3.08	2.7	3.1	3.4	-1.0	-2.0	-1.8	-2.5	-6.0	1.7	-2.0
1997	6.68	0.89	1.6	1.0	2.3	-0.5	-1.4	-1.5	-1.4	-5.6	2.1	-2.3
1998	4.57	1.69	0.8	1.1	2.1	0.6	-1.4	-1.7	0.7	-13.6	5.6	-9.5
1999	5.42	0.17	0.5	1.2	1.6	-4.6	-2.6	-1.7	-4.1	-0.6	-8.5	-5.2
2000	5.86	1.26	1.6	0.6	1.9	1.8	3.0	2.0	4.6	8.1	-0.9	2.4
2001	-2.18	-0.01	0.3	0.1	1.2	-1.3	-2.1	-2.6	-1.3	-8.7	0.3	-7.3
2002	3.59	-0.20	-0.2	0.7	-0.4	0.05	0.7	1.0	0.4	-1.9	-1.5	-3.7
2003	3.24	-0.28	-0.3	-0.6	-0.5	2.48	4.3	3.9	5.1	5.6	-1.5	-1.0

Source: The data are provided by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C.

## 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)									
1996	115,942	16,632	12,546	5,718	102,370	18,355	70,636	13,379	13,572
1997	122,081	18,024	14,442	6,650	114,425	21,735	77,132	15,558	7,656
1998	110,582	16,901	13,758	6,402	104,665	24,301	66,773	13,592	5,917
1999	121,591	21,833	15,142	6,887	110,690	29,239	70,978	10,473	10,901
2000	148,321	31,674	19,562	8,316	140,011	39,256	89,778	10,976	8,310
2001	122,866	23,601	15,668	6,888	107,237	26,860	70,483	9,894	15,629
2002	130,597	25,838	16,039	7,826	112,530	25,922	76,174	10,435	18,067
2003	144,180	31,158	14,057	9,351	127,249	26,033	89,670	11,546	16,931
Rate of Increase (%)									
1996	3.8	2.3	26.6	5.5	-1.1	8.8	-5.3	10.4	67.4
1997	5.3	8.4	15.1	16.3	11.8	18.4	9.2	16.3	-43.6
1998	-9.4	-6.2	-4.7	-3.7	-8.5	11.8	-13.4	-12.6	-22.7
1999	10.0	29.2	10.1	7.6	5.8	20.3	6.3	-22.9	84.2
2000	22.0	45.1	29.2	20.8	26.5	34.3	26.5	4.8	-23.8
2001	-17.2	-25.5	-19.9	-17.2	-23.4	-31.6	-21.5	-9.9	88.1
2002	6.3	9.5	2.4	13.6	4.9	-3.5	8.1	5.5	15.6
2003	10.4	20.6	-12.4	19.5	13.1	0.4	17.7	10.6	-6.3

Source: Ministry of Finance, R.O.C., *Monthly Statistics of Exports and Imports, Taiwan Area, Republic of China*, March 2004.

3-c. Taiwan's Macroeconomic Performance (Continued)  
C. Gross Fixed Capital Formation

Preiod	Total			Public Sector			Private Sector			
	Con- struction	Transport Equipment	Machinery and Other Equipment	Con- struction	Transport Equipment	Machinery and Other Equipment	Con- struction	Transport Equipment	Machinery and Other Equipment	
Amount (NT\$100 million at current prices)										
1997	18,954	9,154	1,429	8,371	4,632	227	2,072	4,522	1,202	6,298
1998	21,039	9,601	1,725	9,713	4,672	181	2,332	4,929	1,545	7,381
1999	21,247	9,115	1,294	10,839	4,887	173	2,558	4,227	1,121	8,281
2000	22,673	8,593	1,334	12,746	4,680	140	2,374	3,913	1,195	10,372
2001	17,818	7,339	1,461	9,018	4,316	138	2,442	3,023	1,323	6,575
2002	17,283	7,340	1,246	8,697	3,802	127	2,314	3,538	1,118	6,383
2003	17,244	7,227	1,306	8,710	3,800	104	2,244	3,428	1,202	6,467
Amount (NT\$100 million at 1996 constant prices)										
1997	19,113	9,024	1,423	8,666	4,558	230	2,144	4,466	1,193	6,522
1998	20,644	9,375	1,658	9,611	4,552	175	2,299	4,823	1,483	7,313
1999	21,012	8,889	1,247	10,875	4,763	166	2,556	4,126	1,080	8,320
2000	22,820	8,435	1,247	13,138	4,591	130	2,443	3,844	1,117	10,695
2001	18,116	7,297	1,299	9,520	4,298	129	2,600	2,999	1,170	6,920
2002	17,730	7,221	1,138	9,372	3,741	121	2,501	3,479	1,017	6,871
2003	17,447	6,955	1,184	9,308	3,660	97	2,403	3,296	1,086	6,905
Real Growth Rate (%)										
1997	10.6	1.9	33.9	17.8	-2.0	44.8	-2.0	6.3	31.9	26.2
1998	8.0	3.9	16.5	10.9	-0.1	-23.9	7.2	8.0	24.3	12.1
1999	1.8	-5.2	-24.8	13.2	4.6	-4.9	11.2	-14.5	-27.1	13.8
2000	8.6	-5.1	0.0	20.8	-3.6	-21.7	-4.4	-6.8	3.4	28.6
2001	-20.6	-13.5	4.2	-27.5	-6.4	-0.7	6.4	-22.0	4.7	-35.3
2002	-2.1	-1.0	-12.4	-1.6	-12.9	-6.3	-3.8	16.0	-13.1	-0.7
2003	-1.6	-3.7	4.0	-0.7	-2.2	-19.6	-3.9	-5.3	6.8	0.5

Source: The data are provided by Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C.

4-a. Taiwan's Products Ranking Number One Globally in 2002 (1)

Item	Production Value		Production Volume	
	Amount (US\$ million)	Taiwan's Global Market Share (%)	Number (Unit)	Taiwan's Global Market Share (%)
1. Notebook PCs	13,922	56	18,196 (thousand sets)	61
2. Wireless LANs	619	30	13,482 (thousand pieces)	80
3. xDSL Modems	610	45	10,400 (thousand ports)	65
4. Cable Modems	300	34	5,766 (thousand sets)	53
5. IC Foundry	7,256	73	...	...
6. IC Packaging	2,788	32	9,066 (million units)	48
7. Routers (2)	629	8	8,514 (thousand sets)	51
8. LCD Monitors	5,646	59	18,254 (thousand sets)	60
9. Optical Disk Drivers	3,146	40	79,409 (thousand sets)	45
10. Motherboards	5,636	72	86,551 (thousand pieces)	65
11. Recordable Optical Disks	1,145	83	5,762 (million pieces)	85
12. Network Interface Cards	204	25	24,225 (thousand pieces)	67
13. Hubs	145	39	31,697 (thousand ports)	62
14. ABS Copolymer	994	11	1,078 (thousand tons)	23
15. Glass Fiber	350	31	470 (million yards)	37
16. Bicycles	1,615	24	27,212 (thousand units)	25

(1) Except as indicated otherwise, ranking is according to production value.

(2) Ranked number one according to production volume.

Source: Industrial Development Bureau, Ministry of Economic Affairs, R.O.C.

4-b. Taiwan's Products Ranking Number One Globally in 2003 (1)

Item	Production Value		Production Volume	
	Amount (US\$ million)	Taiwan's Global Market Share (%)	Number (Unit)	Taiwan's Global Market Share (%)
1. Notebook PCs	16,193	58	24,253 (thousand sets)	64
2. Wireless LANs	1,527	42	45,991 (thousand pieces)	91
3. xDSL Modems	658	37	15,732 (thousand ports)	65
4. Cable Modems	290	41	6,168 (thousand sets)	53
5. IC Foundry	8,983	71	...	...
6. IC Packaging	3,419	36	14,205 (million units)	48
7. SOHO Routers	754	57	13,523 (thousand sets)	73
8. LCD Monitors	9,722	54	33,246 (thousand sets)	54
9. Optical Disk Drivers	3,110	40	101,053 (thousand sets)	42
10. Motherboards	6,499	72	103,871 (thousand pieces)	79
11. Recordable Optical Disks	1,800	77	6,872 (million pieces)	79
12. Network Interface Cards (2)	153	35	31,994 (thousand pieces)	91
13. Hubs	79	95	30,789 (thousand ports)	93
14. Ethernet Switches (2)	589	12	71,727 (thousand ports)	43
15. ABS Copolymer	1,320	17	1,530 (thousand tons)	24
16. Glass Fiber	390	34	500 (million yards)	38
17. Bicycles	1,726	26	29,983 (thousand units)	27
18. Power Chairs (2)	250	30	336 (thousand sets)	30

(1) Except as indicated otherwise, ranking is according to the production value.

(2) Ranked number one according to production volume.

Source: Industrial Development Bureau, Ministry of Economic Affairs, R.O.C.

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

	Unit	1995	1996	1997	1998	1999	2000	2001	2002
<b>1. R &amp; D Indicators</b>									
Number of Researchers	Persons	66,478	71,611	76,588	83,209	87,454	87,394	89,118	95,421
--per 10,000 Population	Persons	31.2	33.4	35.3	38.0	39.7	39.3	39.9	42.5
--per 10,000 Employed Population	Persons	72.2	76.9	81.2	87.1	90.4	88.5	90.7	95.7
R&D Expenditure as % of GDP	%	1.78	1.80	1.88	1.97	2.05	2.05	2.16	2.30
<b>2. Science and Technology Output Indicators</b>									
Annual Papers in Science Citation Index (SCI)	Papers	6,666	7,481	7,755	8,605	8,944	9,203	10,635	10,831
Annual Papers in Engineering Index (EI)	Papers	3,560	4,220	4,839	4,026	4,690	4,878	5,103	5,350
Patents Granted in U.S.P.	Patents	2,087	1,897	2,057	3,100	3,693	4,667	5,371	5,431
<b>3. Technological Diffusion Indicator</b>									
Total Trade in Technology	NT\$ million	18,969	-	34,010	39,832	40,228	44,676	-	56,507

Sources: 1. National Science Council, R.O.C., *Indicators of Science and Technology, Republic of China, 2003.*

2. Ministry of Economic Affairs, R.O.C., *Industrial Statistical Survey Report, 2002.*

6-a. Taiwan's Human Resources  
A. Labor Force, Employment, and Labor Productivity

Unit: %

Period	Educational Expenditures as % of GNP (1)	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		
							Agri-culture	Industry	Services
1990	5.8	59.2	0.3	1.67	7.5	66.7	12.9	40.8	46.3
1991	6.5	59.1	1.9	1.51	9.5	67.1	13.0	39.9	47.1
1992	6.8	59.3	2.3	1.51	3.7	67.4	12.3	39.6	48.1
1993	7.0	58.8	1.3	1.45	3.3	67.8	11.5	39.1	49.4
1994	6.8	59.0	2.2	1.56	3.5	68.2	10.9	39.2	49.9
1995	6.6	58.7	1.2	1.79	7.4	68.6	10.5	38.7	50.7
1996	6.7	58.4	0.3	2.60	5.4	69.0	10.1	37.5	52.4
1997	6.6	58.3	1.2	2.72	7.0	69.3	9.6	38.2	52.3
1998	6.3	58.0	1.2	2.69	4.4	69.8	8.9	37.9	53.2
1999	6.3	57.9	1.0	2.92	7.0	70.1	8.3	37.2	54.5
2000	5.5	57.7	1.1	2.99	6.1	70.3	7.8	37.3	55.0
2001	5.9	57.2	-1.1	4.57	4.0	70.4	7.5	36.0	56.5
2002	6.1	57.3	0.8	5.17	7.7	70.6	7.5	35.2	57.3
2003	5.9	57.3	1.3	4.99	3.3	70.9	7.3	34.8	57.9

(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.

2. Ministry of Interior, R.O.C., <http://www.moi.gov.tw/W3/stat/month/m1-05.xls>.

3. Ministry of Education, R.O.C., [http://www.edu.tw/EDU\\_WEB/EDU\\_MGT/STATISTICS/EDU7220001/user1/index06.xls](http://www.edu.tw/EDU_WEB/EDU_MGT/STATISTICS/EDU7220001/user1/index06.xls).

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

Period	By Occupation									By Education		
	Total	White-collar workers					Service Workers & Shop & Market Retail Workers	Agricultural Animal Husbandry, Forestry, & Fishery Workers	Blue-collar Production Machinery Operators, & Related Workers	Junior High & below	Senior High & Vocational	Junior College & above
		Legislators, Govt. Administrators, Business Executives & Managers	Professionals	Technicians & Associated Professionals	Clerks							
Persons (1,000 persons)												
1995	9,045	3,151	436	500	1,338	877	1,479	942	3,473	4,180	2,999	1,866
1996	9,068	3,269	429	542	1,376	922	1,530	906	3,362	3,953	3,095	2,019
1997	9,176	3,344	420	560	1,426	938	1,550	865	3,416	3,877	3,110	2,189
1998	9,289	3,456	425	578	1,498	955	1,597	810	3,426	3,762	3,214	2,313
1999	9,385	3,581	414	601	1,571	995	1,667	764	3,373	3,609	3,317	2,459
2000	9,491	3,640	412	610	1,591	1,027	1,712	726	3,413	3,520	3,375	2,596
2001	9,382	3,661	406	615	1,615	1,025	1,745	695	3,281	3,318	3,371	2,694
2002	9,454	3,776	424	649	1,662	1,041	1,791	699	3,188	3,179	3,424	2,851
2003	9,523	3,838	425	669	1,687	1,057	1,815	684	3,184	3,068	3,468	2,987
Structure (%)												
1995	100.0	34.8	4.8	5.5	14.8	9.7	16.4	10.4	38.4	46.2	33.2	20.6
1996	100.0	36.0	4.7	6.0	15.2	10.2	16.9	10.0	37.1	43.6	34.1	22.3
1997	100.0	36.4	4.6	6.1	15.5	10.2	16.9	9.4	37.2	42.3	33.9	23.9
1998	100.0	37.2	4.6	6.2	16.1	10.3	17.2	8.7	36.9	40.5	34.6	24.9
1999	100.0	38.2	4.4	6.4	16.7	10.6	17.8	8.1	35.9	38.5	35.3	26.2
2000	100.0	38.4	4.3	6.4	16.8	10.8	18.0	7.6	36.0	37.1	35.6	27.4
2001	100.0	39.0	4.3	6.6	17.2	10.9	18.6	7.4	35.0	35.4	35.9	28.7
2002	100.0	39.9	4.5	6.9	17.6	11.0	18.9	7.4	33.7	33.6	36.2	30.2
2003	100.0	40.3	4.5	7.0	17.7	11.1	19.1	7.2	33.4	32.2	36.4	31.4

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Monthly Bulletin of Manpower Statistics, Taiwan Area, Republic of China*, March 2004.

## 1. INDICATORS

## 1-1a. Indicators of the Taiwan Economy

Period	GDP		GNP			Change in Prices (%)			Gross National Savings	
	Economic Growth Rate at 1996 Prices (%)	GDP in US\$ Million at Current Prices	GNP in US\$ Million at Current Prices	Per Capita GNP		GDP Deflator	Consumer Price Index	Wholesale Price Index	Amount (NT\$ billion)	As Percentage of GNP (%)
				NT\$	US\$					
1952	12.0	1,675	1,674	2,019	196	25.0	-	-	2.6	15.3
1955	8.1	1,928	1,928	3,162	203	10.1	-	14.5	4.4	14.6
1960	6.3	1,718	1,717	5,601	154	13.5	18.5	14.2	11.1	17.8
1965	11.1	2,816	2,811	8,697	217	-0.6	-0.1	-4.6	23.3	20.7
1970	11.4	5,670	5,660	15,544	389	3.5	3.6	2.7	57.9	25.6
1975	4.9	15,517	15,429	36,642	964	2.3	5.2	-5.1	156.7	26.7
1976	13.9	18,624	18,492	43,033	1,132	5.4	2.5	2.8	227.3	32.3
1977	10.2	21,816	21,681	49,449	1,301	6.3	7.0	2.8	268.4	32.6
1978	13.6	26,836	26,773	58,282	1,577	5.3	5.8	3.5	340.2	34.4
1979	8.2	33,218	33,229	69,115	1,920	11.5	9.8	13.8	399.3	33.4
1980	7.3	41,418	41,360	84,398	2,344	16.2	19.0	21.5	480.6	32.3
1981	6.2	48,218	47,955	98,179	2,669	12.1	16.3	7.6	553.0	31.3
1982	3.6	48,568	48,550	103,803	2,653	3.4	3.0	-0.2	571.1	30.1
1983	8.4	52,421	52,503	113,103	2,823	1.9	1.4	-1.2	675.9	32.1
1984	10.6	59,139	59,780	125,496	3,167	0.9	-0.04	0.5	800.5	33.8
1985	5.0	62,062	63,097	131,430	3,297	0.6	-0.2	-2.6	844.2	33.6
1986	11.6	75,434	77,299	151,148	3,993	3.4	0.7	-3.4	1,125.2	38.5
1987	12.7	101,570	103,641	168,832	5,298	0.6	0.5	-3.3	1,272.2	38.5
1988	7.8	123,146	126,233	182,511	6,379	0.9	1.3	-1.6	1,245.2	34.5
1989	8.2	149,141	152,565	201,402	7,626	3.3	4.4	-0.4	1,253.0	31.1
1990	5.4	160,173	164,076	218,092	8,111	3.8	4.1	-0.6	1,293.9	29.3
1991	7.6	179,370	183,736	240,909	8,982	3.9	3.6	0.2	1,448.8	29.4
1992	7.5	212,200	217,004	264,338	10,502	3.3	4.5	-3.7	1,582.6	29.0
1993	7.0	224,266	228,578	289,337	10,964	3.6	2.9	2.5	1,737.6	28.8
1994	7.1	244,278	248,337	312,386	11,806	2.0	4.1	2.2	1,815.0	27.6
1995	6.4	264,298	269,125	336,042	12,686	2.0	3.7	7.4	1,927.8	27.0
1996	6.1	279,611	283,599	364,115	13,260	3.1	3.1	-1.0	2,081.7	26.7
1997	6.7	290,201	293,289	390,103	13,592	1.7	0.9	-0.5	2,221.1	26.4
1998	4.6	267,154	269,176	413,582	12,360	2.6	1.7	0.6	2,341.6	26.0
1999	5.4	287,881	290,544	427,097	13,235	-1.4	0.2	-4.6	2,442.4	26.1
2000	5.9	309,426	313,908	443,087	14,188	-1.7	1.3	1.8	2,493.6	25.4
2001	-2.2	281,178	286,840	435,321	12,876	0.6	-0.01	-1.3	2,322.8	24.0
2002	3.6	281,921	289,272	446,636	12,916	-1.0	-0.2	0.05	2,534.7	25.3
2003	3.2	286,213	295,900	452,719	13,157	-2.2	-0.3	2.5	2,643.4	26.0

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

Period	Gross Domestic Capital Formation		Structure of Production (% of GDP by Sector)					Merchandise Trade in US\$ Million (customs statistics)		
	Amount (NT\$ billion)	As Percentage of GNP (%)	Total	Agri-culture	Industry	Manu-facturing	Services	Exports at f.o.b. Prices	Imports at c.i.f. Prices	Balance
1952	2.6	15.3	100.0	32.2	19.7	12.9	48.1	116	187	-71
1955	4.0	13.3	100.0	29.1	23.2	15.6	47.7	123	201	-78
1960	12.6	20.2	100.0	28.5	26.9	19.1	44.6	164	297	-133
1965	25.5	22.7	100.0	23.6	30.2	22.3	46.2	450	556	-106
1970	57.9	25.6	100.0	15.5	36.8	29.2	47.7	1,481	1,524	-43
1975	179.0	30.5	100.0	12.7	39.9	30.9	47.4	5,309	5,952	-643
1976	216.2	30.8	100.0	11.4	43.2	33.8	45.5	8,166	7,599	567
1977	233.0	28.3	100.0	10.6	44.0	34.2	45.4	9,361	8,511	850
1978	279.7	28.3	100.0	9.4	45.2	35.6	45.4	12,687	11,027	1,660
1979	393.4	32.9	100.0	8.6	45.3	35.9	46.1	16,103	14,774	1,329
1980	503.9	33.8	100.0	7.7	45.7	36.0	46.6	19,811	19,733	78
1981	529.8	30.0	100.0	7.3	45.5	35.6	47.2	22,611	21,200	1,412
1982	479.2	25.2	100.0	7.7	44.3	35.2	47.9	22,204	18,888	3,316
1983	492.9	23.4	100.0	7.3	45.0	35.9	47.7	25,123	20,287	4,836
1984	519.4	21.9	100.0	6.3	46.2	37.5	47.5	30,456	21,959	8,497
1985	471.4	18.7	100.0	5.8	46.3	37.6	47.9	30,726	20,102	10,624
1986	500.7	17.1	100.0	5.6	47.1	39.4	47.3	39,862	24,181	15,680
1987	666.9	20.2	100.0	5.3	46.7	38.9	48.0	53,679	34,983	18,695
1988	833.9	23.1	100.0	5.0	44.8	37.2	50.1	60,667	49,673	10,995
1989	923.4	22.9	100.0	4.9	42.3	34.6	52.8	66,304	52,265	14,039
1990	994.1	22.5	100.0	4.2	41.2	33.3	54.6	67,214	54,716	12,498
1991	1,120.4	22.7	100.0	3.8	41.1	33.3	55.1	76,178	62,861	13,318
1992	1,362.4	25.0	100.0	3.6	40.1	31.8	56.3	81,470	72,007	9,463
1993	1,549.6	25.7	100.0	3.6	39.4	30.6	57.0	85,091	77,061	8,030
1994	1,640.6	25.0	100.0	3.5	37.7	29.0	58.8	93,049	85,349	7,700
1995	1,777.5	24.9	100.0	3.5	36.4	27.9	60.1	111,659	103,550	8,109
1996	1,781.4	22.9	100.0	3.2	35.7	27.9	61.1	115,942	102,370	13,572
1997	2,016.4	24.0	100.0	2.6	35.3	27.8	62.1	122,081	114,425	7,656
1998	2,226.5	24.7	100.0	2.5	34.6	27.4	63.0	110,582	104,665	5,917
1999	2,171.4	23.2	100.0	2.6	33.2	26.6	64.3	121,591	110,690	10,901
2000	2,212.4	22.6	100.0	2.1	32.4	26.4	65.5	148,321	140,011	8,310
2001	1,682.2	17.3	100.0	2.0	31.1	25.6	67.0	122,866	107,237	15,629
2002	1,644.2	16.4	100.0	1.9	31.1	25.9	67.1	130,597	112,530	18,067
2003	1,689.8	16.6	100.0	1.8	30.4	25.5	67.8	144,180	127,249	16,931

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

Period	Population and Employment					Money Supply (end of year)			Interest Rate (% per annum)	
	Population (1,000 persons at year-end)	Labor Force (1,000 persons)	Annual Rate of Change in Employment (%)	Labor Participa- tion Rate (%)	Unem- ployment Rate (%)	Annual Rate of Change in M <sub>2</sub> (%)	Annual Rate of Change in M <sub>1B</sub> (%)	Annual Rate of Change in Loans and Investments (%)	Rediscount Rate of Central Bank of China	Money Market Rate (1)
1952	8,128	3,063	1.2	66.5	4.37	-	-	-	-	-
1955	9,078	3,231	2.7	64.3	3.81	-	-	-	-	-
1960	10,792	3,617	1.5	62.4	3.98	-	-	-	-	-
1965	12,628	3,891	2.9	58.2	3.29	16.0	15.6	20.8	11.52	-
1970	14,676	4,654	4.2	57.4	1.70	21.1	15.0	17.7	9.80	-
1975	16,150	5,656	0.6	58.2	2.40	27.8	28.8	30.0	10.75	-
1976	16,508	5,772	2.7	57.5	1.78	26.0	25.1	16.4	9.50	-
1977	16,813	6,087	5.5	58.7	1.76	31.7	33.6	21.7	8.25	-
1978	17,136	6,337	4.1	58.8	1.67	31.0	37.0	26.8	8.25	-
1979	17,479	6,515	3.1	58.7	1.27	9.2	7.7	20.1	11.00	-
1980	17,805	6,629	1.9	58.3	1.23	21.6	22.7	26.6	11.00	17.88
1981	18,136	6,764	1.9	57.8	1.36	19.1	13.7	16.5	11.75	17.90
1982	18,458	6,959	2.1	57.9	2.14	25.0	14.6	18.7	7.75	12.52
1983	18,733	7,266	3.8	59.3	2.71	26.0	18.4	15.7	7.25	8.35
1984	19,013	7,491	3.4	59.7	2.45	19.8	9.3	11.9	6.75	7.35
1985	19,258	7,651	1.6	59.5	2.91	22.6	12.2	6.4	5.25	6.44
1986	19,455	7,945	4.1	60.4	2.66	23.3	51.4	5.8	4.50	3.29
1987	19,673	8,183	3.7	60.9	1.97	23.0	37.7	16.6	4.50	3.90
1988	19,904	8,247	1.1	60.2	1.69	20.3	24.4	38.3	4.50	4.85
1989	20,107	8,390	1.9	60.1	1.57	18.4	6.0	29.9	7.75	8.52
1990	20,353	8,423	0.3	59.2	1.67	11.0	-6.6	14.8	7.75	9.58
1991	20,557	8,569	1.9	59.1	1.51	19.4	12.1	22.2	6.25	7.95
1992	20,752	8,765	2.3	59.3	1.51	19.1	12.4	28.6	5.625	7.56
1993	20,944	8,874	1.3	58.8	1.45	15.4	15.3	19.5	5.500	7.16
1994	21,126	9,081	2.2	59.0	1.56	15.1	12.2	15.2	5.500	7.21
1995	21,304	9,210	1.2	58.7	1.79	9.4	0.8	10.4	5.500	7.03
1996	21,471	9,310	0.3	58.4	2.60	9.1	8.3	7.9	5.000	5.94
1997	21,683	9,432	1.2	58.3	2.72	8.0	8.4	7.9	5.250	6.84
1998	21,871	9,546	1.2	58.0	2.69	8.6	3.8	7.7	4.750	6.89
1999	22,034	9,668	1.0	57.9	2.92	8.3	16.9	3.5	4.500	5.12
2000	22,216	9,784	1.1	57.7	2.99	6.5	-0.3	3.6	4.625	5.06
2001	22,340	9,832	-1.1	57.2	4.57	4.4	11.9	-1.0	2.125	3.78
2002	22,453	9,969	0.8	57.3	5.17	2.6	9.3	-2.7	1.625	2.14
2003	22,535	10,076	1.3	57.3	4.99	5.9	19.3	2.7	1.375	1.16

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

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

Period	Foreign Exchange Rate (NT\$ per foreign currency)		Foreign Exchange Holdings of Central Bank of China in US\$ Million (end of year)	Employee Compensation Labor Productivity in Manufacturing		R & D Expenditure		Distribution of Personal Income by Household	
	US Dollar (end of year)	Japanese Yen		Annual Rate of Change in Labor Productivity (%)	Annual Rate of Change in Average Monthly Compensation (%)	Amount in NTS Billion	As Percentage of GDP (%)	Ratio of Highest Fifth's Income to Lowest Fifth's	Gini Coefficient
1952	10.28	-	-	-	-	-	-	-	-
1955	15.60	-	-	-	-	-	-	-	-
1960	36.23	-	-	-	-	-	-	-	-
1965	40.05	-	245	-	-	-	-	-	-
1970	40.05	-	540	-	-	-	-	4.58	0.294
1975	38.00	-	1,074	8.7	17.3	-	-	4.25	0.312
1976	38.00	-	1,516	11.1	18.0	-	-	4.18	0.280
1977	38.00	-	1,345	5.3	20.2	-	-	4.21	0.284
1978	36.00	-	1,406	15.1	11.5	-	-	4.18	0.287
1979	36.03	-	1,467	2.1	20.9	-	-	4.34	0.285
1980	36.01	-	2,205	2.1	22.7	-	-	4.17	0.277
1981	37.84	0.1721	7,235	6.6	18.9	-	-	4.21	0.281
1982	39.91	0.1708	8,532	0.9	9.4	-	-	4.29	0.283
1983	40.27	0.1574	11,859	7.6	6.4	-	-	4.36	0.287
1984	39.47	0.1739	15,664	-0.2	9.3	22.4	0.96	4.40	0.287
1985	39.85	0.1990	22,556	2.3	4.3	25.4	1.03	4.50	0.290
1986	35.50	0.2221	46,310	7.3	10.1	28.7	1.01	4.60	0.296
1987	28.55	0.2320	76,748	6.7	9.8	36.8	1.14	4.69	0.299
1988	28.17	0.2256	73,897	5.3	10.8	43.8	1.24	5.85	0.303
1989	26.16	0.1826	73,224	9.1	14.4	54.8	1.39	4.94	0.303
1990	27.11	0.2013	72,441	7.5	13.3	71.5	1.66	5.18	0.312
1991	25.75	0.2060	82,405	9.5	11.0	81.8	1.70	4.97	0.308
1992	25.40	0.2039	82,306	3.7	10.3	94.8	1.78	5.24	0.312
1993	26.63	0.2387	83,573	3.3	7.0	103.6	1.75	5.42	0.316
1994	26.24	0.2632	92,454	3.5	6.7	114.7	1.77	5.38	0.318
1995	27.27	0.2641	90,310	7.4	5.7	125.0	1.78	5.34	0.317
1996	27.49	0.2372	88,038	5.4	4.2	138.0	1.80	5.38	0.317
1997	32.64	0.2509	83,502	7.0	4.6	156.3	1.88	5.41	0.320
1998	32.22	0.2837	90,341	4.4	2.8	176.5	1.97	5.51	0.324
1999	31.40	0.3078	106,200	7.1	3.4	190.5	2.05	5.50	0.325
2000	32.99	0.2886	106,742	6.1	2.9	197.6	2.05	5.55	0.326
2001	35.00	0.2667	122,211	4.0	-1.3	205.0	2.16	6.39	0.350
2002	34.75	0.2930	161,656	7.7	-0.2	224.4	2.30	6.16	0.345
2003	33.98	0.3179	206,632	3.3	2.7	...	...	...	...

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

Period	Trade across the Taiwan Straits through Hong Kong (1)				Approved/Reported Indirect Investment in Mainland China		
	Exports to Mainland China		Imports from Mainland China		Balance	Number of Cases	Amount (US\$ million)
	amount (US\$ million)	% change from previous year	amount (US\$ million)	% change from previous year			
1979	21.5	-	56.3	-	-34.8	-	-
1980	235.0	993.0	76.2	35.4	158.8	-	-
1981	384.2	63.5	75.2	-1.3	309.0	-	-
1982	194.5	-49.4	84.0	11.8	110.4	-	-
1983	157.8	-18.8	89.9	6.9	68.0	-	-
1984	425.5	169.6	127.8	42.2	297.7	-	-
1985	986.8	132.0	115.9	-9.3	870.9	-	-
1986	811.3	-17.8	144.2	24.4	667.1	-	-
1987	1,226.5	51.2	288.9	100.4	937.6	-	-
1988	2,242.2	82.9	478.7	65.7	1,763.5	-	-
1989	2,896.5	29.2	586.9	22.6	2,309.6	-	-
1990	3,278.2	13.2	765.4	30.4	2,512.9	-	-
1991	4,667.2	42.4	1,126.0	47.1	3,541.2	237	174.2
1992	6,287.9	34.7	1,119.0	-0.6	5,169.0	264	247.0
1993	7,585.4	20.6	1,103.6	-1.4	6,481.8	9,329	3,168.4
1994	8,517.2	12.3	1,292.3	17.1	7,224.9	934	962.2
1995	9,882.8	16.0	1,574.2	21.8	8,308.6	490	1,092.7
1996	9,717.6	-1.7	1,582.4	0.5	8,135.2	383	1,229.2
1997	9,715.1	-0.03	1,743.8	10.2	7,971.3	8,725	4,334.3
1998	8,364.1	-13.9	1,654.9	-5.1	6,709.2	1,284	2,034.6
1999	8,174.9	-2.3	1,628.1	-1.7	6,546.8	488	1,252.8
2000	9,593.1	17.4	1,980.5	21.6	7,612.6	840	2,607.1
2001	8,811.5	-8.1	1,693.3	-14.5	7,118.2	1,186	2,784.1
2002	10,311.8	17.0	1,708.1	0.9	8,603.7	5,440	6,723.1
2003	11,798.4	14.3	2,161.1	26.5	9,628.3	10,105	7,698.8

(1) Trade prior to 1978 was negligible.



## **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	36,006.2 (1) (13,900 miles <sup>2</sup> )	87	1566.3	Eastern Point	124°34'09"	Southern Point	21°45'18"
				Western Point	119°18'03"	Northern Point	25°56'21"
Taiwan Island	35,879.3	23	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.

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

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	4,431	3.8	3.6	4.0
1960	10,792	5,525	5,267	3.5	3.5	3.4
1965	12,628	6,491	6,137	3.0	3.1	2.9
1970	14,676	7,733	6,943	2.4	2.4	2.4
1975	16,150	8,464	7,686	1.9	1.8	2.0
1976	16,508	8,641	7,867	2.2	2.1	2.4
1977	16,813	8,794	8,019	1.8	1.8	1.9
1978	17,136	8,957	8,179	1.9	1.9	2.0
1979	17,479	9,127	8,352	2.0	1.9	2.1
1980	17,805	9,288	8,517	1.9	1.8	2.0
1981	18,136	9,449	8,687	1.9	1.7	2.0
1982	18,458	9,606	8,852	1.8	1.7	1.9
1983	18,733	9,740	8,993	1.5	1.4	1.6
1984	19,013	9,876	9,137	1.5	1.4	1.6
1985	19,258	9,994	9,264	1.3	1.2	1.4
1986	19,455	10,087	9,368	1.0	0.9	1.1
1987	19,673	10,190	9,483	1.1	1.0	1.2
1988	19,904	10,302	9,602	1.2	1.1	1.3
1989	20,107	10,398	9,709	1.0	0.9	1.1
1990	20,353	10,516	9,837	1.2	1.1	1.3
1991	20,557	10,615	9,942	1.0	0.9	1.1
1992	20,752	10,708	10,044	0.9	0.9	1.0
1993	20,944	10,797	10,147	0.9	0.8	1.0
1994	21,126	10,880	10,246	0.9	0.8	1.0
1995	21,304	10,962	10,342	0.8	0.8	0.9
1996	21,471	11,037	10,434	0.8	0.7	0.9
1997	21,683	11,133	10,551	1.0	0.9	1.1
1998	21,871	11,213	10,658	0.9	0.7	1.0
1999	22,034	11,282	10,752	0.7	0.6	0.9
2000	22,216	11,360	10,856	0.8	0.7	1.0
2001	22,340	11,407	10,933	0.6	0.4	0.7
2002	22,453	11,450	11,003	0.5	0.4	0.6
2003	22,535	11,478	11,057	0.4	0.3	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)

Period	Population Density (2)		Birth		Death		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	927.7	373	4.66	79	0.99	294	3.67
1955	252.43	1,039.9	404	4.53	77	0.86	327	3.67
1960	300.11	1,241.6	419	3.95	74	0.70	345	3.25
1965	351.17	1,419.5	407	3.27	68	0.55	339	2.72
1970	408.11	1,621.1	394	2.72	71	0.49	323	2.23
1975	448.83	1,761.0	368	2.30	75	0.47	293	1.83
1976	458.79	1,794.9	423	2.59	77	0.47	346	2.12
1977	467.16	1,822.0	396	2.38	79	0.48	317	1.90
1978	476.13	1,866.5	409	2.41	79	0.47	330	1.94
1979	485.51	1,909.4	423	2.44	82	0.47	341	1.97
1980	494.58	1,962.3	413	2.34	84	0.48	329	1.86
1981	503.76	2,015.1	413	2.30	87	0.48	326	1.82
1982	512.72	2,071.6	404	2.21	87	0.48	317	1.73
1983	520.36	2,094.6	382	2.06	91	0.49	291	1.57
1984	528.12	2,132.3	370	1.96	90	0.48	280	1.48
1985	534.95	2,180.7	345	1.80	92	0.48	253	1.32
1986	540.40	2,192.1	308	1.59	95	0.49	213	1.10
1987	546.46	2,219.7	313	1.60	96	0.49	217	1.11
1988	552.88	2,224.0	341	1.72	102	0.51	239	1.21
1989	558.54	2,247.6	315	1.57	103	0.51	212	1.06
1990	565.36	2,286.6	335	1.66	105	0.52	230	1.13
1991	571.02	2,324.3	321	1.57	106	0.52	215	1.05
1992	576.46	2,369.1	321	1.55	110	0.53	211	1.02
1993	581.78	2,394.9	325	1.56	111	0.53	214	1.03
1994	586.83	2,421.9	322	1.53	113	0.54	209	0.99
1995	591.78	2,439.3	329	1.55	119	0.56	210	0.99
1996	596.43	2,461.8	325	1.52	122	0.57	203	0.95
1997	602.21	2,507.2	325	1.51	121	0.56	205	0.95
1998	607.42	2,546.8	271	1.24	123	0.56	148	0.68
1999	611.95	2,577.1	283	1.29	126	0.57	157	0.72
2000	617.01	2,609.1	304	1.38	126	0.57	179	0.81
2001	620.44	2,632.1	260	1.17	127	0.57	132	0.59
2002	623.59	2,649.8	247	1.10	128	0.57	118	0.53
2003	625.86	2,669.7	226	1.00	130	0.58	96	0.43

(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
1976	100.00	7.39	33.89	40.05	3.70	14.96
1977	100.00	7.85	35.25	39.12	3.57	14.21
1978	100.00	8.45	36.85	37.73	3.48	13.49
1979	100.00	8.76	38.21	36.68	3.51	12.84
1980	100.00	9.06	39.53	35.98	3.16	12.26
1981	100.00	9.54	40.89	34.84	3.10	11.62
1982	100.00	10.07	41.95	33.92	2.98	11.07
1983	100.00	10.49	43.07	32.95	2.91	10.58
1984	100.00	10.91	44.13	32.14	2.71	10.09
1985	100.00	11.25	45.41	31.25	2.47	9.62
1986	100.00	11.69	46.45	30.32	2.36	9.18
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	48.89	28.48	1.56	7.98
1990	100.00	13.41	50.02	27.48	1.51	7.59
1991	100.00	14.13	50.76	26.56	1.41	7.15
1992	100.00	15.21	51.58	25.05	1.33	6.84
1993	100.00	15.91	52.28	23.91	1.31	6.59
1994	100.00	16.90	52.31	23.49	1.06	6.26
1995	100.00	17.89	52.31	22.85	0.95	5.99
1996	100.00	19.32	52.67	21.52	0.82	5.68
1997	100.00	21.17	53.27	19.43	0.79	5.34
1998	100.00	23.01	53.48	17.68	0.76	5.08
1999	100.00	24.64	53.94	15.98	0.71	4.72
2000	100.00	24.81	51.24	18.82	0.68	4.45
2001	100.00	25.17	51.55	18.42	0.65	4.21
2002	100.00	26.09	51.10	18.22	0.62	3.97
2003	100.00	29.46	49.30	17.69	0.53	3.03

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

2-5. Population by Dependent and Working Age Group (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	3,645	3,442	203	4,483	81.3	76.8	4.5
1955	4,163	3,941	222	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	5.1
1970	6,250	5,821	429	8,426	74.2	69.1	5.1
1975	6,269	5,705	564	9,881	63.4	57.7	5.7
1976	6,322	5,723	599	10,186	62.1	56.2	5.9
1977	6,348	5,705	643	10,465	60.7	54.5	6.1
1978	6,381	5,699	682	10,755	59.3	53.0	6.3
1979	6,437	5,713	724	11,042	58.3	51.7	6.6
1980	6,476	5,714	762	11,329	57.2	50.4	6.7
1981	6,530	5,731	799	11,606	56.3	49.4	6.9
1982	6,601	5,763	838	11,857	55.7	48.6	7.1
1983	6,643	5,768	875	12,090	54.9	47.7	7.2
1984	6,659	5,737	922	12,353	53.9	46.4	7.5
1985	6,669	5,696	973	12,589	53.0	45.2	7.7
1986	6,667	5,640	1,027	12,788	52.1	44.1	8.0
1987	6,672	5,583	1,089	13,001	51.3	42.9	8.4
1988	6,704	5,562	1,142	13,200	50.8	42.1	8.7
1989	6,724	5,527	1,197	13,383	50.2	41.3	8.9
1990	6,774	5,510	1,264	13,579	49.9	40.6	9.3
1991	6,753	5,412	1,341	13,804	48.9	39.2	9.7
1992	6,758	5,347	1,411	13,994	48.3	38.2	10.1
1993	6,751	5,266	1,485	14,193	47.6	37.1	10.5
1994	6,713	5,156	1,557	14,413	46.6	35.8	10.8
1995	6,688	5,062	1,626	14,616	45.8	34.6	11.1
1996	6,653	4,969	1,684	14,819	44.9	33.5	11.4
1997	6,646	4,901	1,745	15,037	44.2	32.6	11.6
1998	6,606	4,803	1,803	15,265	43.3	31.5	11.8
1999	6,580	4,722	1,858	15,454	42.6	30.6	12.0
2000	6,604	4,691	1,914	15,612	42.3	30.0	12.3
2001	6,614	4,649	1,965	15,725	42.1	29.6	12.5
2002	6,609	4,586	2,023	15,844	41.7	28.9	12.8
2003	6,548	4,469	2,079	15,987	41.0	28.0	13.0

(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	3,442	1,525	953	964	4,483	857	742	632	539
1955	9,078	3,941	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	16,150	5,705	1,783	1,916	2,006	9,881	1,919	1,752	1,188	913
1976	16,508	5,723	1,822	1,895	2,006	10,186	1,940	1,790	1,355	894
1977	16,813	5,705	1,855	1,882	1,968	10,465	1,980	1,816	1,477	913
1978	17,136	5,699	1,904	1,853	1,942	10,755	2,002	1,854	1,574	962
1979	17,479	5,713	1,958	1,829	1,926	11,042	2,008	1,895	1,654	1,044
1980	17,805	5,714	1,990	1,810	1,914	11,329	2,000	1,917	1,731	1,172
1981	18,136	5,731	1,986	1,857	1,888	11,606	1,997	1,936	1,769	1,338
1982	18,458	5,763	2,000	1,887	1,876	11,857	1,963	1,976	1,800	1,461
1983	18,733	5,768	1,982	1,935	1,851	12,090	1,937	1,994	1,834	1,556
1984	19,013	5,737	1,923	1,990	1,824	12,353	1,920	2,002	1,874	1,636
1985	19,258	5,696	1,861	2,029	1,806	12,589	1,906	1,996	1,894	1,709
1986	19,455	5,640	1,772	2,016	1,852	12,788	1,876	1,990	1,910	1,742
1987	19,673	5,583	1,679	2,024	1,880	13,001	1,867	1,957	1,945	1,765
1988	19,904	5,562	1,639	1,999	1,924	13,200	1,841	1,934	1,966	1,806
1989	20,107	5,527	1,602	1,950	1,975	13,383	1,813	1,916	1,972	1,843
1990	20,353	5,510	1,609	1,888	2,013	13,579	1,791	1,899	1,972	1,868
1991	20,557	5,412	1,619	1,789	2,004	13,804	1,835	1,869	1,963	1,886
1992	20,752	5,347	1,626	1,704	2,017	13,994	1,859	1,856	1,931	1,921
1993	20,944	5,266	1,611	1,665	1,990	14,193	1,900	1,828	1,908	1,942
1994	21,126	5,156	1,598	1,611	1,947	14,413	1,963	1,796	1,889	1,956
1995	21,304	5,062	1,587	1,597	1,878	14,616	2,002	1,775	1,878	1,955
1996	21,471	4,969	1,587	1,611	1,771	14,819	1,994	1,820	1,848	1,951
1997	21,683	4,901	1,595	1,623	1,683	15,037	2,006	1,846	1,838	1,918
1998	21,871	4,803	1,542	1,610	1,651	15,265	1,983	1,895	1,817	1,901
1999	22,034	4,722	1,504	1,621	1,597	15,454	1,935	1,953	1,791	1,886
2000	22,216	4,691	1,485	1,611	1,594	15,612	1,870	1,996	1,774	1,877
2001	22,340	4,649	1,423	1,615	1,612	15,725	1,763	1,986	1,823	1,851
2002	22,453	4,586	1,347	1,617	1,622	15,844	1,676	1,999	1,850	1,842
2003	22,535	4,469	1,306	1,557	1,606	15,987	1,641	1,971	1,895	1,816

(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	246	174	131	203	103	100
1955	488	445	361	276	204	143	222	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	515	431	300	429	201	228
1975	893	831	832	676	485	392	564	262	302
1976	916	823	840	702	522	404	599	277	322
1977	925	830	838	727	552	407	643	301	342
1978	938	841	828	760	579	417	682	321	361
1979	936	858	820	788	610	429	724	337	387
1980	905	884	815	809	644	452	762	350	412
1981	884	904	807	816	669	486	799	359	440
1982	906	913	815	814	694	515	838	363	475
1983	952	924	823	804	727	539	875	372	503
1984	1,034	924	842	798	754	569	922	385	537
1985	1,157	892	866	793	774	602	973	405	568
1986	1,312	876	887	788	781	626	1,027	437	590
1987	1,428	900	901	800	784	654	1,089	466	623
1988	1,527	943	912	810	777	684	1,142	488	654
1989	1,604	1,020	913	825	769	708	1,197	514	683
1990	1,682	1,143	885	850	763	726	1,264	545	719
1991	1,717	1,297	871	871	758	737	1,341	570	771
1992	1,746	1,413	885	880	768	735	1,411	592	819
1993	1,786	1,510	926	889	775	729	1,485	623	862
1994	1,831	1,592	998	881	787	720	1,557	645	912
1995	1,855	1,667	1,118	846	807	713	1,626	662	964
1996	1,874	1,701	1,273	825	826	707	1,684	669	1,015
1997	1,912	1,729	1,389	846	836	717	1,745	671	1,074
1998	1,940	1,772	1,487	893	850	728	1,803	665	1,138
1999	1,947	1,812	1,564	972	848	744	1,858	661	1,197
2000	1,944	1,836	1,641	1,094	815	766	1,914	656	1,257
2001	1,942	1,855	1,674	1,247	798	786	1,965	653	1,312
2002	1,909	1,891	1,701	1,360	819	796	2,023	662	1,360
2003	1,887	1,914	1,739	1,452	863	808	2,079	674	1,405

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

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	42.3	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	15.3	13.9	52.5	9.5	6.1	7.2	6.5
1970	100.0	39.6	12.9	13.6	13.1	57.4	12.0	8.2	6.3	6.2
1975	100.0	35.3	11.0	11.9	12.4	61.2	11.9	10.8	7.4	5.7
1976	100.0	34.7	11.0	11.5	12.2	61.7	11.8	10.8	8.2	5.4
1977	100.0	33.9	11.0	11.2	11.7	62.3	11.8	10.8	8.8	5.4
1978	100.0	33.2	11.1	10.8	11.3	62.8	11.7	10.8	9.2	5.6
1979	100.0	32.7	11.2	10.5	11.0	63.2	11.5	10.8	9.5	6.0
1980	100.0	32.1	11.2	10.2	10.7	63.6	11.2	10.8	9.7	6.6
1981	100.0	31.6	11.0	10.2	10.4	64.0	11.0	10.7	9.8	7.4
1982	100.0	31.2	10.8	10.2	10.2	64.2	10.6	10.7	9.8	7.9
1983	100.0	30.8	10.6	10.3	9.9	64.5	10.3	10.6	9.8	8.3
1984	100.0	30.2	10.1	10.5	9.6	65.0	10.1	10.5	9.9	8.6
1985	100.0	29.6	9.7	10.5	9.4	65.4	9.9	10.4	9.8	8.9
1986	100.0	29.0	9.1	10.4	9.5	65.7	9.6	10.2	9.8	9.0
1987	100.0	28.4	8.5	10.3	9.6	66.1	9.5	9.9	9.9	9.0
1988	100.0	27.9	8.2	10.0	9.7	66.3	9.2	9.7	9.9	9.1
1989	100.0	27.5	8.0	9.7	9.8	66.6	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	9.7	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	7.9	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	8.2	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	7.1	7.4	7.5	69.8	9.1	8.7	8.3	8.7
1999	100.0	21.4	6.8	7.4	7.2	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

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

Source: See Table 2-1.

2-7b. Percentage 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	3.8	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	1.2	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	1.9	2.6	1.2	1.4
1970	5.8	5.8	4.7	3.5	2.9	2.0	3.0	1.4	1.6
1975	5.5	5.1	5.2	4.2	3.0	2.4	3.5	1.6	1.9
1976	5.5	5.0	5.1	4.3	3.2	2.4	3.6	1.7	1.9
1977	5.5	5.0	5.0	4.3	3.3	2.4	3.8	1.8	2.0
1978	5.5	4.9	4.8	4.4	3.4	2.5	4.0	1.9	2.1
1979	5.4	4.9	4.7	4.5	3.5	2.5	4.1	1.9	2.2
1980	5.1	5.0	4.6	4.5	3.6	2.5	4.3	2.0	2.3
1981	4.9	5.0	4.4	4.5	3.7	2.7	4.4	2.0	2.4
1982	4.9	4.9	4.4	4.4	3.8	2.8	4.5	2.0	2.6
1983	5.1	4.9	4.4	4.3	3.9	2.9	4.7	2.0	2.7
1984	5.4	4.9	4.4	4.2	4.0	3.0	4.8	2.0	2.8
1985	6.0	4.6	4.5	4.1	4.0	3.1	5.1	2.1	2.9
1986	6.7	4.5	4.6	4.1	4.0	3.2	5.3	2.2	3.0
1987	7.3	4.6	4.6	4.1	4.0	3.3	5.5	2.4	3.2
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	4.3	4.2	3.7	3.6	6.2	2.7	3.5
1991	8.4	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	3.9
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	7.8	3.1	4.7
1997	8.8	8.0	6.4	3.9	3.9	3.3	8.0	3.1	5.0
1998	8.9	8.1	6.8	4.1	3.9	3.3	8.2	3.0	5.2
1999	8.8	8.2	7.1	4.4	3.8	3.4	8.4	3.0	5.4
2000	8.8	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	2.9	6.1
2003	8.4	8.5	7.7	6.4	3.8	3.6	9.2	3.0	6.2

2-8a. Labor Force Statistics (1)

Period	Population Aged 15 & Over	In Labor Force			Not in Labor Force
		Total	Employed	Unemployed	
I. Number (1,000 persons)					
1952	4,609	3,063	2,929	134	1,546
1955	5,022	3,231	3,108	123	1,791
1960	5,795	3,617	3,473	144	2,178
1965	6,689	3,891	3,763	128	2,798
1970	8,115	4,654	4,576	79	3,461
1975	9,711	5,656	5,521	136	4,056
1976	10,043	5,772	5,669	103	4,271
1977	10,375	6,087	5,980	107	4,288
1978	10,784	6,337	6,231	106	4,448
1979	11,092	6,515	6,432	83	4,577
1980	11,378	6,629	6,547	82	4,749
1981	11,698	6,764	6,672	92	4,934
1982	12,013	6,959	6,811	149	5,054
1983	12,263	7,266	7,070	197	4,996
1984	12,544	7,491	7,308	183	5,052
1985	12,860	7,651	7,428	222	5,210
1986	13,161	7,945	7,733	212	5,216
1987	13,432	8,183	8,022	161	5,248
1988	13,696	8,247	8,107	139	5,449
1989	13,955	8,390	8,258	132	5,565
1990	14,219	8,423	8,283	140	5,795
1991	14,496	8,569	8,439	130	5,927
1992	14,771	8,765	8,632	132	6,006
1993	15,087	8,874	8,745	128	6,213
1994	15,401	9,081	8,939	142	6,321
1995	15,687	9,210	9,045	165	6,478
1996	15,932	9,310	9,068	242	6,621
1997	16,170	9,432	9,176	256	6,738
1998	16,448	9,546	9,289	257	6,902
1999	16,687	9,668	9,385	283	7,020
2000	16,963	9,784	9,491	293	7,178
2001	17,179	9,832	9,383	450	7,347
2002	17,387	9,969	9,454	515	7,417
2003	17,572	10,076	9,573	503	7,495

(1) Referring to civilian labor force only.

Source: Directorate-General of Budget, Accounting & Statistics, Executive Yuan, R.O.C *Monthly Bulletin of Manpower Statistics, Taiwan Area, Republic of China*, March 2004.

2-8b. Labor Force Statistics (Continued)

Period	Population Aged 15 & Over	In Labor Force			Not in Labor Force	Unemployment Rate (%)
		Total	Employed	Unemployed		
H. Percentage (%)						
1952	100.0	66.5	63.6	2.9	33.5	4.4
1955	100.0	64.3	61.9	2.4	35.7	3.8
1960	100.0	62.4	59.9	2.5	37.6	4.0
1965	100.0	58.2	56.3	1.9	41.8	3.3
1970	100.0	57.4	56.4	1.0	42.6	1.7
1975	100.0	58.2	56.9	1.4	41.8	2.4
1976	100.0	57.5	56.5	1.0	42.5	1.8
1977	100.0	58.7	57.6	1.1	41.3	1.8
1978	100.0	58.8	57.8	1.0	41.2	1.7
1979	100.0	58.7	58.0	0.7	41.3	1.3
1980	100.0	58.3	57.6	0.7	41.7	1.2
1981	100.0	57.8	57.0	0.8	42.2	1.4
1982	100.0	57.9	56.7	1.2	42.1	2.1
1983	100.0	59.3	57.7	1.6	40.7	2.7
1984	100.0	59.7	58.3	1.5	40.3	2.5
1985	100.0	59.5	57.8	1.7	40.5	2.9
1986	100.0	60.4	58.8	1.6	39.6	2.7
1987	100.0	60.9	59.7	1.2	39.1	2.0
1988	100.0	60.2	59.2	1.0	39.8	1.7
1989	100.0	60.1	59.2	0.9	39.9	1.6
1990	100.0	59.2	58.3	1.0	40.8	1.7
1991	100.0	59.1	58.2	0.9	40.9	1.5
1992	100.0	59.3	58.4	0.9	40.7	1.5
1993	100.0	58.8	58.0	0.8	41.2	1.5
1994	100.0	59.0	58.0	0.9	41.0	1.6
1995	100.0	58.7	57.7	1.1	41.3	1.8
1996	100.0	58.4	56.9	1.5	41.6	2.6
1997	100.0	58.3	56.7	1.6	41.7	2.7
1998	100.0	58.0	56.5	1.6	42.0	2.7
1999	100.0	57.9	56.2	1.7	42.1	2.9
2000	100.0	57.7	56.0	1.7	42.3	3.0
2001	100.0	57.2	54.6	2.6	42.8	4.6
2002	100.0	57.3	54.4	3.0	42.7	5.2
2003	100.0	57.3	54.5	2.9	42.7	5.0

## 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	83	612	130	15	1,176	389	179	608
1970	4,576	1,680	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
1976	5,669	1,641	2,065	65	1,628	348	24	1,964	777	326	861
1977	5,980	1,597	2,250	61	1,767	398	25	2,133	869	337	927
1978	6,231	1,553	2,460	60	1,916	459	25	2,219	941	304	976
1979	6,432	1,380	2,676	57	2,083	510	26	2,375	1,015	335	1,026
1980	6,547	1,277	2,784	56	2,152	549	27	2,487	1,058	332	1,098
1981	6,672	1,257	2,828	54	2,162	583	29	2,587	1,106	342	1,139
1982	6,811	1,284	2,813	51	2,168	563	31	2,713	1,168	352	1,194
1983	7,070	1,317	2,909	46	2,282	548	33	2,844	1,231	362	1,251
1984	7,308	1,286	3,089	41	2,497	517	34	2,934	1,281	370	1,283
1985	7,428	1,297	3,088	35	2,501	518	34	3,044	1,327	385	1,333
1986	7,733	1,317	3,215	33	2,635	512	34	3,201	1,372	408	1,421
1987	8,022	1,226	3,431	31	2,821	544	35	3,366	1,429	418	1,519
1988	8,107	1,112	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	1,774
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	2,198
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	2,421
1999	9,385	776	3,492	11	2,603	843	35	5,116	2,130	476	2,510
2000	9,491	740	3,534	11	2,655	832	36	5,218	2,163	481	2,574
2001	9,383	708	3,377	10	2,587	746	35	5,298	2,165	486	2,646
2002	9,454	709	3,332	9	2,563	725	35	5,413	2,268	477	2,668
2003	9,573	696	3,334	8	2,590	702	35	5,543	2,283	484	2,776

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	28.4	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	3.4	0.4	31.2	10.3	4.8	16.1
1970	100.0	36.7	28.0	1.6	20.9	5.1	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	34.7	14.1	5.7	14.9
1976	100.0	29.0	36.4	1.2	28.7	6.1	0.4	34.6	13.7	5.8	15.2
1977	100.0	26.7	37.6	1.0	29.5	6.7	0.4	35.7	14.5	5.7	15.5
1978	100.0	24.9	39.5	1.0	30.7	7.4	0.4	35.6	15.1	4.9	15.7
1979	100.0	21.5	41.6	0.9	32.4	7.9	0.4	36.9	15.8	5.2	16.0
1980	100.0	19.5	42.5	0.9	32.9	8.4	0.4	38.0	16.2	5.1	16.8
1981	100.0	18.8	42.4	0.8	32.4	8.7	0.4	38.8	16.6	5.1	17.1
1982	100.0	18.9	41.3	0.7	31.8	8.3	0.5	39.8	17.1	5.2	17.5
1983	100.0	18.6	41.1	0.7	32.3	7.8	0.5	40.2	17.4	5.1	17.7
1984	100.0	17.6	42.3	0.6	34.2	7.1	0.5	40.1	17.5	5.1	17.6
1985	100.0	17.5	41.6	0.5	33.7	7.0	0.5	41.0	17.9	5.2	17.9
1986	100.0	17.0	41.6	0.4	34.1	6.6	0.4	41.4	17.7	5.3	18.4
1987	100.0	15.3	42.8	0.4	35.2	6.8	0.4	42.0	17.8	5.2	18.9
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	8.3	37.2	0.1	27.7	9.0	0.4	54.5	22.7	5.1	26.7
2000	100.0	7.8	37.2	0.1	28.0	8.8	0.4	55.0	22.8	5.1	27.1
2001	100.0	7.5	36.0	0.1	27.6	8.0	0.4	56.5	23.1	5.2	28.2
2002	100.0	7.5	35.2	0.1	27.1	7.7	0.4	57.3	24.0	5.0	28.2
2002	100.0	7.3	34.8	0.1	27.1	7.3	0.4	57.9	23.8	5.1	29.0

2-10a. Employment by Level of Education

Period	Total	Junior High & Below			Senior High & Vocational			Junior College & Above			
		Subtotal	Illiterate & Self-educated	Primary	Junior High	Subtotal	Senior High	Vocational	Subtotal	Junior College	College & Above
I. Number (1,000 persons)											
1978	6,231	4,660	734	2,844	1,081	1,041	380	661	530	265	265
1979	6,432	4,699	696	2,822	1,181	1,157	408	749	576	289	287
1980	6,547	4,588	644	2,716	1,228	1,279	449	829	681	350	331
1981	6,672	4,589	626	2,682	1,281	1,358	475	883	726	376	350
1982	6,811	4,587	605	2,664	1,318	1,465	492	973	758	399	360
1983	7,070	4,672	630	2,674	1,367	1,584	495	1,089	814	427	387
1984	7,308	4,715	627	2,666	1,422	1,711	523	1,188	882	469	413
1985	7,428	4,703	612	2,616	1,475	1,797	533	1,264	928	510	419
1986	7,733	4,762	614	2,607	1,540	1,971	560	1,411	1,001	548	452
1987	8,022	4,779	573	2,616	1,590	2,134	592	1,542	1,109	614	495
1988	8,107	4,655	503	2,544	1,608	2,260	636	1,624	1,193	661	532
1989	8,258	4,603	466	2,490	1,646	2,388	662	1,726	1,267	702	565
1990	8,283	4,456	424	2,383	1,649	2,473	704	1,770	1,354	758	596
1991	8,439	4,460	385	2,368	1,707	2,572	745	1,826	1,407	798	609
1992	8,632	4,414	359	2,296	1,760	2,691	745	1,946	1,527	884	643
1993	8,745	4,265	329	2,187	1,750	2,822	759	2,064	1,658	954	704
1994	8,939	4,262	315	2,142	1,804	2,925	774	2,151	1,751	1,019	732
1995	9,045	4,180	297	2,064	1,819	2,999	767	2,232	1,866	1,066	800
1996	9,068	3,953	268	1,926	1,759	3,095	786	2,309	2,019	1,162	858
1997	9,176	3,877	257	1,855	1,765	3,110	805	2,304	2,189	1,250	938
1998	9,289	3,762	238	1,747	1,778	3,214	854	2,359	2,313	1,308	1,005
1999	9,385	3,609	194	1,621	1,794	3,317	874	2,443	2,459	1,394	1,065
2000	9,491	3,520	178	1,545	1,797	3,375	877	2,498	2,596	1,473	1,123
2001	9,383	3,318	153	1,449	1,716	3,371	859	2,512	2,694	1,525	1,169
2002	9,454	3,179	146	1,385	1,647	3,424	857	2,567	2,851	1,581	1,271
2003	9,573	3,063	129	1,324	1,611	3,491	869	2,622	3,019	1,628	1,391

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	Illiterate & Self-educated	Primary	Junior High	Subtotal	Senior High	Vocational	Subtotal	Junior College	College & Above
II. Percentage (%)											
1978	100.0	74.8	11.8	45.6	17.3	16.7	6.1	10.6	8.5	4.3	4.3
1979	100.0	73.1	10.8	43.9	18.4	18.0	6.3	11.6	9.0	4.5	4.5
1980	100.0	70.1	9.8	41.5	18.8	19.5	6.9	12.7	10.4	5.3	5.1
1981	100.0	68.8	9.4	40.2	19.2	20.4	7.1	13.2	10.9	5.6	5.2
1982	100.0	67.3	8.9	39.1	19.4	21.5	7.2	14.3	11.1	5.9	5.3
1983	100.0	66.1	8.9	37.8	19.3	22.4	7.0	15.4	11.5	6.0	5.5
1984	100.0	64.5	8.6	36.5	19.5	23.4	7.2	16.3	12.1	6.4	5.7
1985	100.0	63.3	8.2	35.2	19.9	24.2	7.2	17.0	12.5	6.9	5.6
1986	100.0	61.6	7.9	33.7	19.9	25.5	7.2	18.2	12.9	7.1	5.8
1987	100.0	59.6	7.1	32.6	19.8	26.6	7.4	19.2	13.8	7.7	6.2
1988	100.0	57.4	6.2	31.4	19.8	27.9	7.8	20.0	14.7	8.2	6.6
1989	100.0	55.7	5.6	30.2	19.9	28.9	8.0	20.9	15.3	8.5	6.8
1990	100.0	53.8	5.1	28.8	19.9	29.9	8.5	21.4	16.3	9.2	7.2
1991	100.0	52.8	4.6	28.1	20.2	30.5	8.8	21.6	16.7	9.5	7.2
1992	100.0	51.1	4.2	26.6	20.4	31.2	8.6	22.5	17.7	10.2	7.4
1993	100.0	48.8	3.8	25.0	20.0	32.3	8.7	23.6	19.0	10.9	8.1
1994	100.0	47.7	3.5	24.0	20.2	32.7	8.7	24.1	19.6	11.4	8.2
1995	100.0	46.2	3.3	22.8	20.1	33.2	8.5	24.7	20.6	11.8	8.8
1996	100.0	43.6	3.0	21.2	19.4	34.1	8.7	25.5	22.3	12.8	9.5
1997	100.0	42.3	2.8	20.2	19.2	33.9	8.8	25.1	23.9	13.6	10.2
1998	100.0	40.5	2.6	18.8	19.1	34.6	9.2	25.4	24.9	14.1	10.8
1999	100.0	38.5	2.1	17.3	19.1	35.3	9.3	26.0	26.2	14.9	11.3
2000	100.0	37.1	1.9	16.3	18.9	35.6	9.2	26.3	27.4	15.5	11.8
2001	100.0	35.4	1.6	15.4	18.3	35.9	9.2	26.8	28.7	16.3	12.5
2002	100.0	33.6	1.5	14.6	17.4	36.2	9.1	27.2	30.2	16.7	13.4
2003	100.0	32.0	1.3	13.8	16.8	36.5	9.1	27.4	31.5	17.0	14.5

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

Unit: hour

Period	Mining & Quarrying	Manufacturing	Electricity, Gas & Water	Construction	Trade	Accommodation & Eating-Drinking Places	Transport., Storage & Communications	Finance & Insurance	Real Estate & Rental & Leasing	Professional, Scientific & Technical Services	Health Care Services	Cultural, Sporting & Recreational Services	Other Services
1977	180	223	231	206	215	247	215	200	198	192	...	...	...
1978	180	221	225	203	217	245	214	199	200	196	...	...	...
1979	182	220	224	206	214	214	214	203	200	195	207	210	241
1980	187	221	224	202	210	213	213	197	198	196	208	207	236
1981	188	210	205	202	199	224	213	197	198	196	197	198	231
1982	187	210	207	202	203	230	211	196	191	204	224	219	237
1983	185	210	206	199	204	228	207	195	189	195	195	199	239
1984	185	212	206	199	200	215	209	194	188	193	193	201	226
1985	183	205	196	201	200	220	207	191	190	192	194	185	229
1986	182	209	193	195	199	210	207	190	192	194	194	200	231
1987	185	209	189	192	201	206	205	190	194	195	193	200	231
1988	186	207	189	195	195	200	203	189	195	192	193	200	226
1989	188	204	189	196	192	193	200	187	193	189	191	202	221
1990	187	202	189	191	190	187	199	183	193	189	191	199	216
1991	192	202	190	191	190	194	198	182	193	187	190	195	212
1992	190	202	188	191	189	198	197	182	193	185	187	195	212
1993	193	202	188	191	189	201	196	183	194	184	187	197	210
1994	191	202	188	195	190	199	195	181	197	183	186	197	208
1995	189	202	186	195	186	193	194	180	194	180	185	194	206
1996	189	201	185	193	184	186	194	181	188	180	185	192	209
1997	191	202	183	192	187	184	193	180	187	180	188	192	207
1998	190	198	180	188	183	185	190	175	185	176	187	192	199
1999	186	199	182	185	183	189	188	175	181	178	185	188	198
2000	185	199	181	187	183	188	188	174	180	178	183	185	202
2001	185	184	172	181	178	176	178	166	172	171	178	177	197
2002	189	188	171	176	177	176	179	169	174	172	179	177	196
2003	186	188	170	176	176	177	177	169	176	173	177	175	196

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. *Monthly Bulletin of Earnings and Productivity Statistics, Taiwan Area, Republic of China*, March 2004.

## 2-12. Average Monthly Earnings of Employees by Industry

Unit: NT\$

Period	Mining & Quarrying	Manufacturing	Electricity, Gas & Water	Construction	Trade	Accommodation & Eating-Drinking Places	Transport., Storage & Communications	Finance & Insurance	Real Estate & Rental & Leasing	Professional, Scientific & Technical Services	Health Care Services	Cultural, Sporting & Recreational Services	Other Services
1977	6,684	4,862	8,317	5,679	5,233	4,331	7,087	9,333	16,163	8,147	...	...	...
1978	7,683	5,420	9,426	6,228	5,408	4,766	7,910	9,649	16,566	9,044	...	...	...
1979	9,127	6,554	11,741	6,994	7,479	4,777	9,487	11,187	17,283	10,827	11,458	9,177	7,653
1980	11,549	8,043	13,451	8,310	9,271	7,359	11,001	14,086	17,915	11,911	12,775	9,835	8,456
1981	14,750	9,565	17,078	10,764	11,485	8,502	13,217	17,456	18,575	13,418	14,559	11,657	8,780
1982	15,197	10,467	18,518	11,414	11,726	8,732	14,476	19,251	20,777	15,320	13,413	10,755	9,879
1983	14,821	11,136	19,500	12,718	12,230	9,497	14,656	19,075	20,819	17,426	14,175	11,731	10,442
1984	15,773	12,173	22,743	14,122	14,418	10,639	15,741	21,458	21,597	19,156	16,749	12,838	10,778
1985	16,321	12,697	25,850	14,763	14,411	10,625	17,588	23,211	23,136	19,941	17,653	12,825	10,783
1986	17,180	13,983	26,328	15,037	15,783	10,532	18,715	24,543	24,301	20,206	19,218	15,221	10,835
1987	17,862	15,356	27,421	16,045	17,191	11,159	19,677	28,036	24,995	22,423	20,534	16,802	12,032
1988	19,760	17,012	32,581	17,879	19,018	12,152	21,475	32,335	26,323	25,237	22,978	19,018	13,583
1989	21,687	19,461	39,956	21,434	21,016	13,502	25,207	39,230	30,152	28,600	25,247	22,128	15,317
1990	26,518	22,047	46,182	24,719	24,686	15,464	28,377	39,008	34,146	34,373	29,274	24,749	17,843
1991	28,666	24,467	55,529	28,192	26,429	17,067	32,450	40,971	38,027	36,886	32,495	25,653	19,513
1992	31,931	26,981	58,411	30,825	28,145	18,227	34,936	46,311	39,216	41,380	35,812	27,511	21,814
1993	32,870	28,870	62,035	33,639	30,540	18,967	37,838	49,957	41,962	44,140	37,324	29,728	23,111
1994	33,880	30,803	67,329	34,378	32,084	20,389	40,224	56,472	41,023	43,745	39,791	32,754	24,436
1995	35,624	32,555	69,871	35,278	34,142	22,337	43,064	54,658	40,447	45,725	41,789	34,497	26,873
1996	37,343	33,911	76,517	35,817	34,897	22,214	45,021	56,913	39,936	46,372	44,976	35,792	27,737
1997	38,533	35,492	77,619	37,029	36,399	23,543	47,225	60,641	40,760	49,158	47,567	38,331	28,721
1998	40,068	36,546	84,764	37,885	37,688	24,055	49,181	59,566	41,622	51,038	49,115	40,770	30,110
1999	41,414	37,882	88,803	38,070	38,684	25,134	50,480	60,352	44,240	52,893	51,223	39,528	30,841
2000	43,046	39,080	88,348	38,896	39,528	26,078	51,561	60,871	43,708	53,630	53,610	41,199	31,515
2001	44,264	38,586	93,091	37,746	39,760	25,991	53,350	62,625	42,604	53,191	54,701	41,242	31,157
2002	45,006	38,565	89,591	36,848	39,202	25,828	51,564	65,767	40,714	49,587	54,115	39,489	30,525
2003	47,263	39,583	91,034	37,219	39,799	25,181	51,396	64,693	39,872	50,990	55,999	40,861	30,057

Source: See Table 2-11.

## 2-13. Indices of Average Earnings of Employees by Industry

Base: 2001 = 100

Period	Mining & Quarrying	Manufacturing	Electricity, Gas & Water	Construction	Trade	Accommodation & Eating-Drinking Places	Transport., Storage & Communications	Finance & Insurance	Real Estate & Rental & Leasing	Professional, Scientific & Technical Services	Health Care Services	Cultural, Sporting & Recreational Services	Other Services
1977	15.10	12.60	8.93	15.05	13.16	16.66	13.28	14.90	37.94	15.32	...	...	...
1978	17.36	14.05	10.13	16.50	13.60	18.34	14.83	15.41	38.88	17.00	...	...	...
1979	20.62	16.99	12.61	18.53	18.81	18.38	17.78	17.86	40.57	20.35	20.95	22.25	24.56
1980	26.09	20.84	14.45	22.02	23.32	28.31	20.62	22.49	42.05	22.39	23.35	23.85	27.14
1981	33.32	24.79	18.35	28.52	28.89	32.71	24.77	27.87	43.60	25.23	26.62	28.26	28.18
1982	34.33	27.13	19.89	30.24	29.49	33.60	27.13	30.74	48.77	28.80	24.52	26.08	31.71
1983	33.48	28.86	20.95	33.69	30.76	36.54	27.47	30.46	48.87	32.76	25.91	28.44	33.51
1984	35.63	31.55	24.43	37.41	36.26	40.93	29.51	34.26	50.69	36.01	30.62	31.13	34.59
1985	36.87	32.91	27.77	39.11	36.24	40.88	32.97	37.06	54.30	37.49	32.27	31.10	34.61
1986	38.81	36.24	28.28	39.84	39.70	40.52	35.08	39.19	57.04	37.99	35.13	36.91	34.78
1987	40.35	39.80	29.46	42.51	43.24	42.93	36.88	44.77	58.67	42.16	37.54	40.74	38.62
1988	44.64	44.09	35.00	47.37	47.83	46.75	40.25	51.63	61.79	47.45	42.01	46.11	43.60
1989	48.99	50.44	42.92	56.78	52.86	51.95	47.25	62.64	70.77	53.77	46.15	53.65	49.16
1990	59.91	57.14	49.61	65.49	62.09	59.50	53.19	62.29	80.15	64.62	53.52	60.01	57.27
1991	64.76	63.41	59.65	74.69	66.47	65.67	60.82	65.42	89.26	69.35	59.40	62.20	62.63
1992	72.14	69.92	62.75	81.66	70.79	70.13	65.48	73.95	92.05	77.80	65.47	66.71	70.01
1993	74.26	74.82	66.64	89.12	76.81	72.98	70.92	79.77	98.49	82.98	68.23	72.08	74.18
1994	76.54	79.83	72.33	91.08	80.69	78.45	75.40	90.17	96.29	82.24	72.74	79.42	78.43
1995	80.48	84.37	75.06	93.46	85.87	85.94	80.72	87.28	94.94	85.96	76.40	83.65	86.25
1996	84.36	87.88	82.20	94.89	87.77	85.47	84.39	90.88	93.74	87.18	82.22	86.79	89.02
1997	87.05	91.98	83.38	98.10	91.55	90.58	88.52	96.83	95.67	92.42	86.96	92.94	92.18
1998	90.52	94.71	91.05	100.37	94.79	92.55	92.19	95.12	97.70	95.95	89.79	98.86	96.64
1999	93.56	98.18	95.39	100.86	97.29	96.70	94.62	96.37	103.84	99.44	93.64	95.84	98.99
2000	97.25	101.28	94.90	103.05	99.42	100.33	96.65	97.20	102.59	100.83	98.01	99.90	101.15
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	101.68	99.95	96.24	97.62	98.60	99.37	96.65	105.02	95.56	93.22	98.93	95.75	97.97
2003	106.78	102.58	97.79	98.60	100.10	96.88	96.34	103.30	93.59	95.86	102.37	99.08	96.47

Source: See Table 2-11.

## 2-14a. Labor Productivity in Manufacturing Industry

Base: 2001=100

## A. Indexes

Period	Manufacturing	Food & Beverages Manufacturing	Tobacco Manufacturing	Textile Mill Products	Apparel & Other Textile Products	Leather, Fur & Related Products	Wood and Bamboo Products	Furniture & Fixtures Products	Pulp & Paper Products	Printing & Kindred Products	Industrial Chemicals	Chemical Products	Petroleum & Coal Products
1993	65.29	80.42	53.70	70.24	116.45	129.28	119.77	102.58	73.26	87.59	55.44	75.77	42.56
1994	67.58	84.09	58.21	74.19	104.53	124.14	101.63	99.26	74.77	82.84	64.56	81.40	41.96
1995	72.60	87.65	77.11	76.26	102.45	121.92	92.66	96.54	75.37	85.05	68.30	83.59	50.10
1996	76.36	90.09	72.50	81.72	99.21	129.95	93.58	97.15	78.13	83.03	71.92	88.42	55.63
1997	80.64	87.07	80.13	87.10	97.65	121.21	98.77	96.49	83.71	84.37	76.96	96.84	62.54
1998	84.93	87.51	92.67	91.50	106.84	118.16	102.16	100.16	87.96	94.17	79.45	99.25	69.06
1999	90.70	87.72	95.82	95.18	109.99	110.90	97.79	108.41	90.73	86.76	77.62	98.96	76.67
2000	96.36	89.96	86.20	97.04	105.69	105.01	94.27	115.03	96.10	92.07	82.70	100.12	81.65
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	109.51	91.58	98.73	98.45	96.54	116.16	90.64	86.99	105.14	98.79	109.21	101.91	116.13
2003	115.37	86.19	108.55	92.43	91.31	116.03	77.14	80.88	110.84	108.15	116.70	110.42	137.04

## B. Percentage Change from Previous Year (%)

Period	Manufacturing	Food & Beverages Manufacturing	Tobacco Manufacturing	Textile Mill Products	Apparel & Other Textile Products	Leather, Fur & Related Products	Wood and Bamboo Products	Furniture & Fixtures Products	Pulp & Paper Products	Printing & Kindred Products	Industrial Chemicals	Chemical Products	Petroleum & Coal Products
1994	3.51	4.56	8.40	5.62	-10.24	-3.98	-15.15	-3.24	2.06	-5.42	16.45	7.43	-1.41
1995	7.43	4.23	32.47	2.79	-1.99	-1.79	-8.83	-2.74	0.80	2.67	5.79	2.69	19.40
1996	5.18	2.78	-5.98	7.16	-3.16	6.59	0.99	0.63	3.66	-2.38	5.30	5.78	11.04
1997	5.61	-3.35	10.52	6.58	-1.57	-6.73	5.55	-0.68	7.14	1.61	7.01	9.52	12.42
1998	5.32	0.51	15.65	5.05	9.41	-2.52	3.43	3.80	5.08	11.62	3.24	2.49	10.43
1999	6.79	0.24	3.40	4.02	2.95	-6.14	-4.28	8.24	3.15	-7.87	-2.30	-0.29	11.02
2000	6.24	2.55	-10.04	1.95	-3.91	-5.31	-3.60	6.11	5.92	6.12	6.54	1.17	6.50
2001	3.78	11.16	16.01	3.05	-5.38	-4.77	6.08	-13.07	4.06	8.61	20.92	-0.12	22.47
2002	9.51	-8.42	-1.27	-1.55	-3.46	16.16	-9.36	-13.01	5.14	-1.21	9.21	1.91	16.13
2003	5.35	-5.89	9.95	-6.11	-5.42	-0.11	-14.89	-7.02	5.42	9.47	6.86	8.35	18.01

Source: See Table 2-11.

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

Base: 2001=100

## A. Indexes

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metal Industries	Fabricated Metal Products	Machinery & Equipment Manufacturing & Repairing	Computer, Communication & Video & Radio Electronic Products	Electronic Parts & Components	Electrical & Electronic Equipment	Transportation Equipment	Precision Equipment	Misc. Manufacturing Industries
1993	111.00	94.39	73.00	60.59	88.47	94.88	36.92	83.25	69.00	100.67	83.50	75.79
1994	107.70	95.25	74.21	61.97	88.85	95.56	41.07	84.54	75.32	99.85	86.67	73.31
1995	111.08	87.63	79.93	64.63	96.10	99.18	48.67	93.56	77.91	102.41	85.80	80.17
1996	112.56	93.89	81.04	69.84	97.93	103.92	56.77	91.76	77.99	100.18	82.59	85.27
1997	109.30	96.43	87.82	82.43	96.24	106.96	64.92	91.36	82.27	101.05	78.68	88.81
1998	102.30	94.67	93.31	89.45	96.19	101.18	75.33	90.94	92.95	102.79	75.86	89.03
1999	101.37	101.51	92.59	99.47	100.97	104.98	83.41	100.79	108.12	96.26	92.94	88.31
2000	101.79	98.00	94.31	99.42	102.08	108.09	90.26	110.83	99.78	100.59	107.56	96.55
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	113.03	106.22	102.76	110.66	104.17	105.74	97.46	124.53	115.82	115.89	116.00	105.53
2003	123.83	105.89	104.65	112.91	99.28	108.68	101.17	136.99	121.39	121.93	127.09	110.26

## B. Percentage Change from Previous Year (%)

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metal Industries	Fabricated Metal Products	Machinery & Equipment Manufacturing & Repairing	Computer, Communication & Video & Radio Electronic Products	Electronic Parts & Components	Electrical & Electronic Equipment	Transportation Equipment	Precision Equipment	Misc. Manufacturing Industries
1994	-2.97	0.91	1.66	2.28	0.43	0.72	11.24	1.55	9.16	-0.81	3.80	-3.27
1995	3.14	-8.00	7.71	4.29	8.16	3.79	18.50	10.67	3.44	2.56	-1.00	9.36
1996	1.33	7.14	1.39	8.06	1.90	4.78	16.64	-1.92	0.10	-2.18	-3.74	6.36
1997	-2.90	2.71	8.37	18.03	-1.73	2.93	14.36	-0.44	5.49	0.87	-4.73	4.15
1998	-6.40	-1.83	6.25	8.52	-0.05	-5.40	16.04	-0.46	12.98	1.72	-3.58	0.25
1999	-0.91	7.23	-0.77	11.20	4.97	3.76	10.73	10.83	16.32	-6.35	22.52	-0.81
2000	0.41	-3.46	1.86	-0.05	1.10	2.96	8.21	9.96	-7.71	4.50	15.73	9.33
2001	-1.76	2.04	6.03	0.58	-2.04	-7.48	10.79	-9.77	0.22	-0.59	-7.03	3.57
2002	13.03	6.22	2.76	10.66	4.17	5.74	-2.54	24.53	15.82	15.89	16.00	5.53
2003	9.55	-0.31	1.84	2.03	-4.69	2.78	3.81	10.01	4.81	5.21	9.56	4.48

## 2-15a. Unit Labor Cost in Manufacturing Industry

Base: 2001=100

## A. Indexes

Period	Manufacturing	Food & Beverages Manufacturing	Tobacco Manufacturing	Textile Mill Products	Apparel & Other Textile Products	Leather, Fur & Related Products	Wood and Bamboo Products	Furniture & Fixtures Products	Pulp & Paper Products	Printing & Kindred Products	Industrial Chemicals	Chemical Products	Petroleum & Coal Products
1993	103.95	85.70	108.66	108.92	65.14	51.11	58.88	71.36	98.23	86.65	114.92	84.73	149.26
1994	106.79	87.63	113.00	104.28	75.79	57.74	75.59	78.35	102.89	93.43	102.37	86.66	168.45
1995	105.64	88.05	86.58	107.46	81.12	63.53	87.12	83.65	110.51	100.07	111.46	88.03	150.26
1996	105.00	89.55	95.98	101.46	84.21	63.84	88.75	86.07	107.58	105.61	114.41	89.85	137.94
1997	103.70	97.67	91.45	102.93	89.83	70.65	85.97	88.86	102.47	106.06	107.64	84.29	140.45
1998	103.51	100.36	78.51	100.62	86.36	77.31	89.99	89.21	99.20	96.06	107.52	86.99	130.23
1999	100.01	104.85	83.81	97.23	86.80	85.45	94.47	82.99	97.64	106.13	113.31	90.67	134.17
2000	97.38	103.72	100.30	97.52	91.76	90.81	99.08	82.81	97.52	102.41	110.41	90.44	119.85
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	89.76	107.52	105.29	99.28	112.36	90.52	113.21	108.00	87.67	92.14	88.50	95.32	83.93
2003	87.15	111.76	94.34	106.60	122.13	95.00	135.58	120.04	81.55	79.74	88.64	87.08	71.79

## B. Percentage Change from Previous Year (%)

Period	Manufacturing	Food & Beverages Manufacturing	Tobacco Manufacturing	Textile Mill Products	Apparel & Other Textile Products	Leather, Fur & Related Products	Wood and Bamboo Products	Furniture & Fixtures Products	Pulp & Paper Products	Printing & Kindred Products	Industrial Chemicals	Chemical Products	Petroleum & Coal Products
1994	2.73	2.25	3.99	-4.26	16.35	12.97	28.38	9.80	4.74	7.82	-10.92	2.28	12.86
1995	-1.08	0.48	-23.38	3.05	7.03	10.03	15.25	6.76	7.41	7.11	8.88	1.58	-10.80
1996	-0.61	1.70	10.86	-5.58	3.81	0.49	1.87	2.89	-2.65	5.54	2.65	2.07	-8.20
1997	-1.24	9.07	-4.72	1.45	6.67	10.67	-3.13	3.24	-4.75	0.43	-5.92	-6.19	1.82
1998	-0.18	2.75	-14.15	-2.24	-3.86	9.43	4.68	0.39	-3.19	-9.43	-0.11	3.20	-7.28
1999	-3.38	4.47	6.75	-3.37	0.51	10.53	4.98	-6.97	-1.57	10.48	5.39	4.23	3.03
2000	-2.63	-1.08	19.68	0.30	5.71	6.27	4.88	-0.22	-0.12	-3.51	-2.56	-0.25	-10.67
2001	2.69	-3.59	-0.30	2.54	8.98	10.12	0.93	20.76	2.54	-2.35	-9.43	10.57	-16.56
2002	-10.24	7.52	5.29	-0.72	12.36	-9.48	13.21	8.00	-12.33	-7.86	-11.50	-4.68	-16.07
2003	-2.91	3.94	-10.40	7.37	8.70	4.95	19.76	11.15	-6.98	-13.46	0.16	-8.64	-14.46

Source: See Table 2-11.

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

Base: 2001=100

## A. Indexes

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metal Industries	Fabricated Metal Products	Machinery & Equipment Manufacturing & Repairing	Computer, Communication & Video & Radio Electronic Products	Electronic Parts & Components	Electrical & Electronic Equipment	Transportation Equipment	Precision Equipment	Misc. Manufacturing Industries
1993	72.00	74.06	105.04	111.40	85.00	76.18	169.68	77.59	99.82	74.18	77.44	83.38
1994	76.32	76.87	108.14	113.73	89.55	80.99	165.65	82.13	100.86	76.77	81.07	94.00
1995	77.56	89.10	104.40	112.92	87.11	83.19	147.13	79.92	101.18	76.37	82.88	93.52
1996	78.40	87.76	104.62	106.20	87.96	82.05	132.26	88.12	106.87	81.16	95.30	91.85
1997	82.54	88.22	99.84	92.40	93.01	81.90	119.95	91.04	105.13	87.14	107.59	92.41
1998	88.91	95.13	98.38	90.40	96.96	91.02	113.84	94.03	99.00	90.39	117.43	95.18
1999	92.88	92.78	98.89	87.65	92.01	88.13	108.88	87.78	86.87	98.41	96.07	98.51
2000	94.85	96.48	99.61	91.24	94.07	88.55	105.25	84.83	95.92	93.85	87.52	93.73
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	89.53	96.26	97.28	84.43	92.58	92.18	101.97	80.71	85.31	79.96	86.35	94.01
2003	81.31	98.04	98.57	89.37	100.59	92.19	100.64	75.03	81.64	78.64	82.72	91.42

## B. Percentage Change from Previous Year (%)

Period	Rubber Products	Plastic Products	Non-metallic Mineral Products	Basic Metal Industries	Fabricated Metal Products	Machinery & Equipment Manufacturing & Repairing	Computer, Communication & Video & Radio Electronic Products	Electronic Parts & Components	Electrical & Electronic Equipment	Transportation Equipment	Precision Equipment	Misc. Manufacturing Industries
1994	6.00	3.79	2.95	2.09	5.35	6.31	-2.38	5.85	1.04	3.49	4.69	12.74
1995	1.62	15.91	-3.46	-0.71	-2.72	2.72	-11.18	-2.69	0.32	-0.52	2.23	-0.51
1996	1.08	-1.50	0.21	-5.95	0.98	-1.37	-10.11	10.26	5.62	6.27	14.99	-1.79
1997	5.28	0.52	-4.57	-12.99	5.74	-0.18	-9.31	3.31	-1.63	7.37	12.90	0.61
1998	7.72	7.83	-1.46	-2.16	4.25	11.14	-5.09	3.28	-5.83	3.73	9.15	3.00
1999	4.47	-2.47	0.52	-3.04	-5.11	-3.18	-4.36	-6.65	-12.25	8.87	-18.19	3.50
2000	2.12	3.99	0.73	4.10	2.24	0.48	-3.33	-3.36	10.42	-4.63	-8.90	-4.85
2001	5.43	3.65	0.39	9.60	6.30	12.93	-4.99	17.88	4.25	6.55	14.26	6.69
2002	-10.47	-3.74	-2.72	-15.57	-7.42	-7.82	1.97	-19.29	-14.69	-20.04	-13.65	-5.99
2003	-9.18	1.85	1.33	5.85	8.65	0.01	-1.30	-7.04	-4.30	-1.65	-4.20	-2.76

### **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 1996 prices before adjustment of terms of trade			at current prices	at 1996 prices before adjustment of terms of trade		
1952	17,251	210,055	39.9	12.0	17,247	210,008	40.0	12.0
1955	29,981	271,957	19.0	8.1	29,978	271,935	19.0	8.1
1960	62,507	376,188	20.6	6.3	62,480	376,093	20.9	6.5
1965	112,627	591,569	10.5	11.1	112,433	590,934	10.2	11.0
1970	226,805	944,878	15.2	11.4	226,393	943,533	15.2	11.3
1975	589,651	1,447,748	7.3	4.9	586,307	1,440,143	6.7	4.4
1976	707,710	1,648,416	20.0	13.9	702,694	1,637,377	19.9	13.7
1977	828,995	1,816,383	17.1	10.2	823,871	1,805,347	17.2	10.3
1978	991,602	2,063,299	19.6	13.6	989,271	2,058,385	20.1	14.0
1979	1,195,838	2,231,953	20.6	8.2	1,196,238	2,232,758	20.9	8.5
1980	1,491,059	2,394,914	24.7	7.3	1,488,953	2,391,489	24.5	7.1
1981	1,773,931	2,542,505	19.0	6.2	1,764,278	2,528,621	18.5	5.7
1982	1,899,971	2,632,796	7.1	3.6	1,899,289	2,631,815	7.7	4.1
1983	2,100,005	2,855,186	10.5	8.4	2,103,261	2,859,674	10.7	8.7
1984	2,343,078	3,157,823	11.6	10.6	2,368,478	3,192,837	12.6	11.7
1985	2,473,786	3,314,214	5.6	5.0	2,515,049	3,371,194	6.2	5.6
1986	2,855,180	3,699,889	15.4	11.6	2,925,772	3,796,687	16.3	12.6
1987	3,237,051	4,171,439	13.4	12.7	3,303,031	4,261,522	12.9	12.2
1988	3,523,193	4,498,496	8.8	7.8	3,611,536	4,617,644	9.3	8.4
1989	3,938,826	4,868,833	11.8	8.2	4,029,254	4,985,492	11.6	8.0
1990	4,307,043	5,131,506	9.3	5.4	4,411,995	5,261,882	9.5	5.5
1991	4,810,705	5,519,140	11.7	7.6	4,927,801	5,659,375	11.7	7.6
1992	5,338,952	5,932,383	11.0	7.5	5,459,814	6,070,793	10.8	7.3
1993	5,918,376	6,348,468	10.9	7.0	6,032,180	6,475,155	10.5	6.7
1994	6,463,600	6,799,720	9.2	7.1	6,571,009	6,914,552	8.9	6.8
1995	7,017,933	7,236,536	8.6	6.4	7,129,131	7,351,244	8.5	6.3
1996	7,678,126	7,678,126	9.4	6.1	7,787,626	7,787,626	9.2	5.9
1997	8,328,780	8,190,783	8.5	6.7	8,417,392	8,278,451	8.1	6.3
1998	8,938,967	8,565,134	7.3	4.6	9,006,625	8,630,871	7.0	4.3
1999	9,289,929	9,029,704	3.9	5.4	9,375,841	9,112,981	4.1	5.6
2000	9,663,388	9,558,698	4.0	5.9	9,803,348	9,692,766	4.6	6.4
2001	9,506,624	9,349,923	-1.6	-2.2	9,698,047	9,533,486	-1.1	-1.6
2002	9,748,811	9,685,551	2.5	3.6	10,003,041	9,929,798	3.1	4.2
2003	9,847,555	9,999,787	1.0	3.2	10,181,422	10,321,324	1.8	3.9

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. *Statistical Abstract of National Income in Taiwan Area, Republic of China, 1951-2004*, March 2004.

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

Unit: %

Terminal Year	Initial Year																	
	1951	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
1952	12.0																	
1969	8.7	8.9																
1970	8.9	10.2	11.4															
1971	9.1	11.1	12.1	12.9														
1972	9.3	11.6	12.5	13.1	13.3													
1973	9.4	11.9	12.6	13.0	13.1	12.8												
1974	9.1	10.0	10.2	9.9	9.0	6.8	1.2											
1975	8.9	9.3	9.3	8.9	7.9	6.2	3.0	4.9										
1976	9.1	9.8	10.0	9.7	9.1	8.1	6.5	9.3	13.9									
1977	9.1	9.9	10.0	9.8	9.3	8.5	7.4	9.6	12.0	10.2								
1978	9.3	10.2	10.4	10.3	9.9	9.3	8.6	10.6	12.5	11.9	13.6							
1979	9.2	10.0	10.2	10.0	9.7	9.2	8.6	10.1	11.4	10.6	10.9	8.2						
1980	9.2	9.8	9.9	9.7	9.4	8.9	8.4	9.6	10.6	9.8	9.7	7.7	7.3					
1981	9.1	9.5	9.6	9.4	9.1	8.6	8.1	9.1	9.8	9.1	8.8	7.2	6.7	6.2				
1982	8.9	9.1	9.1	8.9	8.6	8.1	7.6	8.4	8.9	8.1	7.7	6.3	5.7	4.8	3.6			
1983	8.9	9.0	9.1	8.9	8.6	8.1	7.7	8.4	8.9	8.2	7.8	6.7	6.3	6.0	6.0	8.4		
1984	8.9	9.1	9.2	9.0	8.7	8.3	7.9	8.6	9.1	8.5	8.2	7.4	7.2	7.2	7.5	9.5	10.6	
1985	8.8	8.9	8.9	8.7	8.4	8.1	7.7	8.3	8.6	8.1	7.8	7.0	6.8	6.7	6.9	8.0	7.7	5.0
1986	8.9	9.0	9.0	8.9	8.6	8.3	8.0	8.6	8.9	8.4	8.2	7.6	7.5	7.5	7.8	8.9	9.0	8.2
1987	9.0	9.2	9.3	9.1	8.9	8.6	8.3	8.9	9.2	8.8	8.7	8.1	8.1	8.3	8.6	9.6	9.9	9.7
1988	9.0	9.2	9.2	9.1	8.8	8.6	8.3	8.8	9.1	8.7	8.6	8.1	8.1	8.2	8.5	9.3	9.5	9.2
1989	8.9	9.1	9.1	9.0	8.8	8.5	8.3	8.8	9.0	8.7	8.6	8.1	8.1	8.2	8.5	9.2	9.3	9.0
1990	8.9	8.9	8.9	8.8	8.6	8.4	8.1	8.6	8.8	8.4	8.3	7.9	7.9	7.9	8.1	8.7	8.7	8.4
1991	8.8	8.9	8.9	8.8	8.6	8.3	8.1	8.5	8.7	8.4	8.3	7.9	7.8	7.9	8.1	8.6	8.6	8.3
1992	8.8	8.8	8.8	8.7	8.5	8.3	8.0	8.4	8.7	8.3	8.2	7.8	7.8	7.9	8.0	8.5	8.5	8.2
1993	8.7	8.8	8.7	8.6	8.4	8.2	8.0	8.4	8.6	8.3	8.1	7.8	7.8	7.8	7.9	8.3	8.3	8.1
1994	8.7	8.7	8.7	8.6	8.4	8.2	8.0	8.3	8.5	8.2	8.1	7.7	7.7	7.7	7.9	8.2	8.2	8.0
1995	8.7	8.6	8.6	8.5	8.3	8.1	7.9	8.2	8.4	8.1	8.0	7.7	7.6	7.7	7.8	8.1	8.1	7.8
1996	8.6	8.5	8.5	8.4	8.2	8.0	7.8	8.1	8.3	8.0	7.9	7.6	7.5	7.6	7.6	7.9	7.9	7.7
1997	8.6	8.5	8.4	8.3	8.2	8.0	7.8	8.1	8.2	7.9	7.8	7.5	7.5	7.5	7.6	7.9	7.8	7.6
1998	8.5	8.3	8.3	8.2	8.0	7.8	7.6	7.9	8.0	7.8	7.7	7.4	7.3	7.3	7.4	7.7	7.6	7.4
1999	8.4	8.2	8.2	8.1	7.9	7.7	7.5	7.8	7.9	7.7	7.6	7.3	7.2	7.2	7.3	7.5	7.5	7.3
2000	8.4	8.2	8.1	8.0	7.9	7.7	7.5	7.7	7.8	7.6	7.5	7.2	7.2	7.2	7.4	7.4	7.4	7.2
2001	8.1	7.8	7.8	7.7	7.5	7.3	7.1	7.3	7.4	7.2	7.1	6.8	6.7	6.7	6.7	6.9	6.8	6.6
2002	8.0	7.7	7.7	7.5	7.4	7.2	7.0	7.2	7.3	7.0	6.9	6.7	6.6	6.6	6.6	6.7	6.6	6.4
2003	7.9	7.6	7.5	7.4	7.2	7.1	6.9	7.1	7.1	6.9	6.8	6.5	6.4	6.4	6.4	6.6	6.5	6.3

Source: See Table 3-1.

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

Unit: %

Terminal Year	Initial Year																	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1952																		
1969																		
1970																		
1971																		
1972																		
1973																		
1974																		
1975																		
1976																		
1977																		
1978																		
1979																		
1980																		
1981																		
1982																		
1983																		
1984																		
1985																		
1986	11.6																	
1987	12.2	12.7																
1988	10.7	10.3	7.8															
1989	10.1	9.6	8.0	8.2														
1990	9.1	8.5	7.1	6.8	5.4													
1991	8.9	8.3	7.2	7.1	6.5	7.6												
1992	8.7	8.2	7.3	7.2	6.8	7.5	7.5											
1993	8.5	8.0	7.2	7.1	6.9	7.4	7.3	7.0										
1994	8.3	7.9	7.2	7.1	6.9	7.3	7.2	7.1	7.1									
1995	8.1	7.7	7.1	7.0	6.8	7.1	7.0	6.8	6.8	6.4								
1996	7.9	7.6	7.0	6.9	6.7	6.9	6.8	6.7	6.5	6.3	6.1							
1997	7.8	7.5	7.0	6.9	6.7	6.9	6.8	6.7	6.6	6.4	6.4	6.7						
1998	7.6	7.2	6.8	6.7	6.5	6.6	6.5	6.3	6.2	5.9	5.8	5.6	4.6					
1999	7.4	7.1	6.6	6.5	6.4	6.5	6.3	6.2	6.0	5.8	5.7	5.6	5.0	5.4				
2000	7.3	7.0	6.6	6.5	6.3	6.4	6.3	6.1	6.0	5.8	5.7	5.6	5.3	5.6	5.9			
2001	6.7	6.4	5.9	5.8	5.6	5.6	5.4	5.2	5.0	4.7	4.4	4.0	3.4	3.0	1.8	-2.2		
2002	6.5	6.2	5.8	5.6	5.4	5.4	5.2	5.0	4.8	4.5	4.3	3.9	3.4	3.1	2.4	0.7	3.6	
2003	6.3	6.0	5.6	5.5	5.3	5.3	5.1	4.9	4.6	4.4	4.1	3.8	3.4	3.1	2.6	1.5	3.4	3.2

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

Unit: %

Terminal Year	Initial Year																	
	1951	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
1952	12.0																	
1969	8.7	9.1																
1970	8.9	10.2	11.3															
1971	9.1	11.1	12.2	13.0														
1972	9.3	11.7	12.6	13.2	13.4													
1973	9.4	11.9	12.6	13.1	13.1	12.8												
1974	9.1	10.0	10.2	10.0	9.0	6.8	1.2											
1975	8.9	9.2	9.2	8.8	7.8	6.0	2.8	4.4										
1976	9.1	9.8	9.9	9.6	9.0	7.9	6.3	9.0	13.7									
1977	9.1	9.8	9.9	9.7	9.2	8.3	7.3	9.4	12.0	10.3								
1978	9.3	10.2	10.4	10.2	9.9	9.3	8.6	10.5	12.6	12.1	14.0							
1979	9.3	10.1	10.2	10.0	9.7	9.2	8.6	10.1	11.6	10.9	11.2	8.5						
1980	9.2	9.8	9.9	9.7	9.4	8.9	8.4	9.6	10.7	9.9	9.8	7.8	7.1					
1981	9.1	9.5	9.5	9.4	9.0	8.5	8.0	9.0	9.8	9.1	8.8	7.1	6.4	5.7				
1982	8.9	9.1	9.1	8.9	8.6	8.1	7.6	8.4	9.0	8.2	7.8	6.3	5.6	4.9	4.1			
1983	8.9	9.1	9.1	8.9	8.6	8.1	7.7	8.4	9.0	8.3	8.0	6.8	6.4	6.1	6.3	8.7		
1984	9.0	9.2	9.2	9.1	8.8	8.4	8.0	8.8	9.2	8.7	8.5	7.6	7.4	7.5	8.1	10.1	11.7	
1985	8.9	9.0	9.0	8.9	8.6	8.2	7.8	8.5	8.9	8.4	8.1	7.3	7.1	7.1	7.5	8.6	8.6	5.6
1986	9.0	9.2	9.2	9.1	8.8	8.5	8.2	8.8	9.2	8.8	8.6	8.0	7.9	8.0	8.5	9.6	9.9	9.0
1987	9.1	9.4	9.4	9.3	9.0	8.8	8.5	9.1	9.5	9.1	9.0	8.4	8.4	8.6	9.1	10.1	10.5	10.1
1988	9.0	9.3	9.3	9.2	9.0	8.7	8.5	9.0	9.4	9.0	8.9	8.4	8.4	8.6	9.0	9.8	10.1	9.7
1989	9.0	9.3	9.3	9.2	8.9	8.7	8.4	8.9	9.3	8.9	8.8	8.4	8.4	8.5	8.9	9.6	9.7	9.3
1990	8.9	9.1	9.1	9.0	8.8	8.5	8.3	8.7	9.0	8.7	8.6	8.1	8.1	8.2	8.5	9.0	9.1	8.7
1991	8.9	9.0	9.0	8.9	8.7	8.5	8.2	8.7	8.9	8.6	8.5	8.1	8.1	8.1	8.4	8.9	8.9	8.5
1992	8.9	8.9	8.9	8.8	8.6	8.4	8.2	8.6	8.8	8.5	8.4	8.0	8.0	8.1	8.3	8.7	8.7	8.4
1993	8.8	8.8	8.8	8.7	8.5	8.3	8.1	8.5	8.7	8.4	8.3	7.9	7.9	8.0	8.2	8.5	8.5	8.2
1994	8.8	8.8	8.8	8.7	8.5	8.2	8.0	8.4	8.6	8.3	8.2	7.9	7.8	7.9	8.0	8.4	8.4	8.0
1995	8.7	8.7	8.7	8.6	8.4	8.2	8.0	8.3	8.5	8.2	8.1	7.8	7.7	7.8	7.9	8.2	8.2	7.9
1996	8.6	8.6	8.6	8.5	8.3	8.1	7.9	8.2	8.4	8.1	8.0	7.7	7.6	7.7	7.8	8.1	8.0	7.7
1997	8.6	8.5	8.5	8.4	8.2	8.0	7.8	8.1	8.3	8.0	7.9	7.6	7.6	7.6	7.7	7.9	7.9	7.6
1998	8.5	8.4	8.3	8.2	8.1	7.9	7.7	7.9	8.1	7.8	7.7	7.4	7.4	7.4	7.5	7.7	7.6	7.4
1999	8.4	8.3	8.2	8.1	8.0	7.8	7.6	7.8	8.0	7.7	7.6	7.3	7.3	7.3	7.4	7.6	7.5	7.2
2000	8.4	8.2	8.2	8.1	7.9	7.7	7.5	7.8	7.9	7.7	7.6	7.3	7.2	7.2	7.3	7.5	7.4	7.2
2001	8.2	7.9	7.9	7.7	7.6	7.4	7.2	7.4	7.5	7.3	7.2	6.9	6.8	6.8	6.9	7.0	6.9	6.6
2002	8.1	7.8	7.7	7.6	7.5	7.3	7.1	7.3	7.4	7.2	7.1	6.8	6.7	6.7	6.7	6.9	6.8	6.5
2003	8.0	7.7	7.6	7.5	7.4	7.2	7.0	7.2	7.3	7.1	6.9	6.7	6.6	6.6	6.6	6.7	6.6	6.4

Source: See Table 3-1.

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

Unit: %

Terminal Year	Initial Year																	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1952																		
1969																		
1970																		
1971																		
1972																		
1973																		
1974																		
1975																		
1976																		
1977																		
1978																		
1979																		
1980																		
1981																		
1982																		
1983																		
1984																		
1985																		
1986	12.6																	
1987	12.4	12.2																
1988	11.1	10.3	8.4															
1989	10.3	9.5	8.2	8.0														
1990	9.3	8.5	7.3	6.7	5.5													
1991	9.0	8.3	7.3	7.0	6.5	7.6												
1992	8.8	8.1	7.3	7.1	6.8	7.4	7.3											
1993	8.5	7.9	7.2	7.0	6.8	7.2	7.0	6.7										
1994	8.3	7.8	7.2	7.0	6.8	7.1	6.9	6.7	6.8									
1995	8.1	7.6	7.1	6.9	6.7	6.9	6.8	6.6	6.6	6.3								
1996	7.9	7.4	6.9	6.8	6.6	6.8	6.6	6.4	6.3	6.1	5.9							
1997	7.8	7.3	6.9	6.7	6.5	6.7	6.5	6.4	6.3	6.2	6.1	6.3						
1998	7.5	7.1	6.6	6.5	6.3	6.4	6.2	6.0	5.9	5.7	5.5	5.3	4.3					
1999	7.4	7.0	6.5	6.4	6.2	6.3	6.1	6.0	5.9	5.7	5.5	5.4	4.9	5.6				
2000	7.3	6.9	6.5	6.4	6.2	6.3	6.2	6.0	5.9	5.8	5.7	5.6	5.4	6.0	6.4			
2001	6.7	6.3	5.9	5.7	5.6	5.6	5.4	5.1	5.0	4.7	4.4	4.1	3.6	3.4	2.3	-1.6		
2002	6.6	6.2	5.8	5.6	5.4	5.4	5.2	5.0	4.9	4.6	4.4	4.1	3.7	3.6	2.9	1.2	4.2	
2003	6.4	6.1	5.7	5.5	5.3	5.3	5.1	4.9	4.8	4.6	4.3	4.1	3.7	3.6	3.2	2.1	4.0	3.9

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

Period	At Current Prices				At 1996 Prices Before Adjustment of Terms of Trade	
	US\$		NT\$		Amount (NT\$)	Real Growth Rate (%)
	Amount	Nominal Growth Rate (%)	Amount	Nominal Growth Rate (%)		
1952	196	35.3	2,019	35.3	24,588	8.2
1955	203	14.6	3,162	14.6	28,685	4.2
1960	154	17.1	5,601	17.1	33,715	3.1
1965	217	7.2	8,697	7.2	45,710	7.9
1970	389	12.8	15,544	12.8	64,781	9.0
1975	964	4.8	36,642	4.8	90,003	2.5
1976	1,132	17.4	43,033	17.4	100,274	11.4
1977	1,301	14.9	49,449	14.9	108,358	8.1
1978	1,577	21.2	58,282	17.9	121,267	11.9
1979	1,920	21.7	69,115	18.6	129,002	6.4
1980	2,344	22.1	84,398	22.1	135,557	5.1
1981	2,669	13.8	98,179	16.3	140,713	3.8
1982	2,653	-0.6	103,803	5.7	143,839	2.2
1983	2,823	6.4	113,103	9.0	153,779	6.9
1984	3,167	12.2	125,496	11.0	169,175	10.0
1985	3,297	4.1	131,430	4.7	176,170	4.1
1986	3,993	21.1	151,148	15.0	196,140	11.3
1987	5,298	32.7	168,832	11.7	217,825	11.1
1988	6,379	20.4	182,511	8.1	233,356	7.1
1989	7,626	19.5	201,402	10.4	249,200	6.8
1990	8,111	6.4	218,092	8.3	260,103	4.4
1991	8,982	10.7	240,909	10.5	276,674	6.4
1992	10,502	16.9	264,338	9.7	293,919	6.2
1993	10,964	4.4	289,337	9.5	310,585	5.7
1994	11,806	7.7	312,386	8.0	328,718	5.8
1995	12,686	7.5	336,042	7.6	346,512	5.4
1996	13,260	4.5	364,115	8.4	364,115	5.1
1997	13,592	2.5	390,103	7.1	383,663	5.4
1998	12,360	-9.1	413,582	6.0	396,328	3.3
1999	13,235	7.1	427,097	3.3	415,123	4.7
2000	14,188	7.2	443,087	3.7	438,089	5.5
2001	12,876	-9.2	435,321	-1.8	427,934	-2.3
2002	12,916	0.3	446,636	2.6	443,365	3.6
2003	13,157	1.9	452,719	1.4	458,933	3.5

Source: See Table 3-1.

## 3-5. National Income

Period	At Current Prices		At 1996 Prices After Adjustment of Terms of Trade	
	Amount (NT\$ million)	Nominal Growth Rate (%)	Amount (NT\$ million)	Real Growth Rate (%)
1952	16,335	40.7	204,476	12.7
1955	28,331	18.9	264,205	8.5
1960	58,106	20.7	359,499	5.5
1965	104,844	10.3	567,186	9.0
1970	209,985	15.0	910,545	10.9
1975	541,011	6.3	1,343,910	4.0
1976	645,957	19.4	1,536,097	14.3
1977	755,245	16.9	1,683,501	9.6
1978	904,768	19.8	1,884,095	11.9
1979	1,095,161	21.0	2,046,781	8.6
1980	1,368,574	25.0	2,159,013	5.5
1981	1,614,934	18.0	2,250,974	4.3
1982	1,731,757	7.2	2,347,679	4.3
1983	1,917,111	10.7	2,548,579	8.6
1984	2,161,164	12.7	2,845,464	11.6
1985	2,282,388	5.6	3,000,201	5.4
1986	2,671,115	17.0	3,468,317	15.6
1987	3,017,330	13.0	3,915,565	12.9
1988	3,299,817	9.4	4,237,809	8.2
1989	3,686,442	11.7	4,592,808	8.4
1990	4,032,640	9.4	4,841,207	5.4
1991	4,492,667	11.4	5,199,408	7.4
1992	4,984,108	10.9	5,578,957	7.3
1993	5,508,017	10.5	5,968,272	7.0
1994	6,019,992	9.3	6,343,478	6.3
1995	6,536,043	8.6	6,663,080	5.0
1996	7,142,414	9.3	7,142,414	7.2
1997	7,713,988	8.0	7,621,733	6.7
1998	8,257,926	7.1	8,028,888	5.3
1999	8,571,697	3.8	8,331,703	3.8
2000	8,924,866	4.1	8,620,761	3.5
2001	8,765,194	-1.8	8,466,627	-1.8
2002	9,005,093	2.7	8,779,782	3.7
2003	9,162,968	1.8	8,900,232	1.4

Source: See Table 3-1.

3-6. Per Capita National Income  
(At Market Prices)

Period	At Current Prices				At 1996 Prices Before Adjustment of Terms of Trade	
	US\$		NT\$		Amount (NT\$)	Real Growth Rate (%)
	Amount	Nominal Growth Rate (%)	Amount	Nominal Growth Rate (%)		
1952	186	36.0	1,913	36.0	23,941	8.9
1955	192	14.6	2,989	14.6	27,870	4.5
1960	143	17.0	5,209	17.0	32,228	2.2
1965	203	7.2	8,110	7.2	43,873	6.0
1970	360	12.6	14,417	12.6	62,516	8.7
1975	890	4.3	33,811	4.3	83,989	2.1
1976	1,041	17.0	39,559	17.0	94,072	12.0
1977	1,193	14.6	45,330	14.6	101,044	7.4
1978	1,443	20.9	53,303	17.6	110,999	9.9
1979	1,758	21.8	63,275	18.7	118,256	6.5
1980	2,155	22.6	77,575	22.6	122,379	3.5
1981	2,443	13.4	89,868	15.8	125,263	2.4
1982	2,419	-1.0	94,647	5.3	128,310	2.4
1983	2,573	6.4	103,093	8.9	137,050	6.8
1984	2,890	12.3	114,511	11.1	150,769	10.0
1985	2,992	3.5	119,272	4.2	156,783	4.0
1986	3,646	21.8	137,992	15.7	179,176	14.3
1987	4,839	32.7	154,229	11.8	200,141	11.7
1988	5,829	20.4	166,758	8.1	214,161	7.0
1989	6,977	19.7	184,267	10.5	229,572	7.2
1990	7,413	6.2	199,340	8.2	239,308	4.2
1991	8,189	10.5	219,637	10.2	254,188	6.2
1992	9,591	17.1	241,307	9.9	270,106	6.3
1993	10,011	4.4	264,196	9.5	286,272	6.0
1994	10,816	8.0	286,191	8.3	301,569	5.3
1995	11,630	7.5	308,086	7.7	314,074	4.1
1996	12,161	4.6	333,948	8.4	333,948	6.3
1997	12,457	2.4	357,503	7.1	353,228	5.8
1998	11,333	-9.0	379,202	6.1	368,685	4.4
1999	12,100	6.8	390,466	3.0	379,533	2.9
2000	12,916	6.7	403,382	3.3	389,637	2.7
2001	11,637	-9.9	393,447	-2.5	380,045	-2.5
2002	11,627	-0.1	402,077	2.2	392,017	3.2
2003	11,841	1.8	407,434	1.3	395,746	1.0

Source: See Table 3-1.

## 3-7a. Distribution of National Income

Period	National Income	Compensation of Employees	Private Income from Property	Private Transfers from Enterprises	Net Indirect Taxes	Business Profit Tax	Government Income from Property	Compulsory Fees, Fines and Penalties	Corporate Savings
I. Amount (NT\$ million)									
1952	16,335	6,232	7,118	-	1,827	269	354	-	535
1955	28,331	11,259	11,696	-	3,999	400	447	-	530
1960	58,106	23,355	22,802	-	7,977	835	1,561	-	1,576
1965	104,844	44,299	36,594	-	14,941	933	3,999	-	4,078
1970	209,985	94,611	61,161	-	35,098	2,122	7,459	-	9,534
1975	541,011	268,428	147,492	-	89,429	10,533	15,691	-	9,438
1976	645,957	317,556	153,462	-	106,464	11,725	21,868	-	34,882
1977	755,245	375,567	184,911	-	122,850	14,573	24,495	-	32,849
1978	904,768	449,825	216,064	-	151,488	18,277	24,104	-	45,010
1979	1,095,161	549,918	262,102	-	188,719	23,592	30,170	-	40,660
1980	1,368,574	699,269	297,083	-	222,427	29,985	37,143	-	82,667
1981	1,614,934	872,127	338,137	7,891	238,262	41,085	57,029	2,582	57,821
1982	1,731,757	957,942	373,684	6,839	233,679	40,671	55,276	6,218	57,448
1983	1,917,111	1,037,675	410,811	9,361	266,537	41,310	63,421	6,546	81,450
1984	2,161,164	1,171,782	455,936	13,185	282,548	49,752	72,018	8,660	107,283
1985	2,282,388	1,247,788	499,455	19,141	276,610	49,705	96,161	6,899	86,629
1986	2,671,115	1,412,062	616,307	12,001	291,202	51,253	85,940	8,966	193,384
1987	3,017,330	1,583,901	757,908	11,627	332,880	67,856	96,328	6,253	160,577
1988	3,299,817	1,769,444	819,360	13,757	370,526	88,635	112,514	4,383	121,198
1989	3,686,442	2,024,853	886,698	14,177	418,593	133,456	126,013	5,764	76,888
1990	4,032,640	2,273,847	964,754	9,768	447,931	152,424	107,647	2,930	73,339
1991	4,492,667	2,542,163	1,065,587	2,903	492,730	129,528	69,739	6,500	183,517
1992	4,984,108	2,822,803	1,133,427	23,428	563,389	133,130	97,273	8,168	202,490
1993	5,508,017	3,095,871	1,306,395	13,879	620,369	138,313	92,154	3,455	237,582
1994	6,019,992	3,376,037	1,494,945	16,904	672,066	151,213	77,364	3,671	227,792
1995	6,536,043	3,662,689	1,631,015	29,185	711,197	175,079	53,495	3,743	269,640
1996	7,142,414	3,955,128	1,904,726	34,260	686,549	161,053	102,303	4,072	294,323
1997	7,713,988	4,257,836	2,093,031	9,748	720,371	175,459	129,296	4,444	323,803
1998	8,257,926	4,489,006	2,244,120	26,256	721,749	212,668	217,502	10,993	335,632
1999	8,571,697	4,670,203	2,393,553	56,174	692,546	207,452	96,624	12,631	442,514
2000	8,924,866	4,924,940	2,493,859	60,321	681,458	231,931	84,810	15,005	432,542
2001	8,765,194	4,796,568	2,548,249	65,008	623,304	247,781	28,548	17,212	438,524
2002	9,005,093	4,754,410	2,570,568	203,606	664,507	184,439	87,219	17,688	522,656

Source: The data are provided by the Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C.

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

Period	National Income	Compensation of Employees	Private Income from Property	Private Transfers from Enterprises	Net Indirect Taxes	Business Profit Tax	Government Income from Property	Compulsory Fees, Fines and Penalties	Corporate Savings
II. Percentage (%)									
1952	100.0	38.2	43.6	-	11.2	1.6	2.2	-	3.2
1955	100.0	39.7	41.3	-	14.1	1.4	1.6	-	1.9
1960	100.0	40.2	39.2	-	13.7	1.4	2.7	-	2.8
1965	100.0	42.3	34.9	-	14.3	0.9	3.8	-	3.8
1970	100.0	45.1	29.1	-	16.7	1.0	3.6	-	4.5
1975	100.0	49.6	27.3	-	16.5	1.9	2.9	-	1.8
1976	100.0	49.2	23.8	-	16.5	1.8	3.4	-	5.3
1977	100.0	49.7	24.5	-	16.3	1.9	3.2	-	4.4
1978	100.0	49.7	23.9	-	16.7	2.0	2.7	-	5.0
1979	100.0	50.2	23.9	-	17.2	2.2	2.8	-	3.7
1980	100.0	51.1	21.7	-	16.3	2.2	2.7	-	6.0
1981	100.0	54.0	20.9	0.5	14.8	2.5	3.5	0.2	3.6
1982	100.0	55.3	21.6	0.4	13.5	2.3	3.2	0.4	3.3
1983	100.0	54.1	21.4	0.5	13.9	2.2	3.3	0.3	4.3
1984	100.0	54.2	21.1	0.6	13.1	2.3	3.3	0.4	5.0
1985	100.0	54.7	21.9	0.8	12.1	2.2	4.2	0.3	3.8
1986	100.0	52.9	23.1	0.5	10.9	1.9	3.2	0.3	7.2
1987	100.0	52.4	25.0	0.4	11.4	2.2	3.2	0.2	5.2
1988	100.0	53.6	24.8	0.4	11.2	2.7	3.4	0.1	3.7
1989	100.0	54.9	24.1	0.4	11.4	3.6	3.4	0.1	2.1
1990	100.0	56.4	23.9	0.2	11.1	3.8	2.7	0.1	1.8
1991	100.0	56.6	23.7	0.1	11.0	2.9	1.5	0.1	4.1
1992	100.0	57.7	23.9	0.0	11.4	2.8	2.0	0.1	2.0
1993	100.0	56.2	23.7	0.3	11.3	2.5	1.7	0.1	4.3
1994	100.0	56.1	24.8	0.3	11.2	2.5	1.3	0.1	3.8
1995	100.0	56.0	25.0	0.4	10.9	2.7	0.8	0.1	4.1
1996	100.0	55.4	26.7	0.5	9.6	2.3	1.4	0.1	4.1
1997	100.0	55.2	27.1	0.1	9.3	2.3	1.7	0.1	4.2
1998	100.0	54.4	27.2	0.3	8.7	2.6	2.6	0.1	4.1
1999	100.0	54.5	27.9	0.7	8.1	2.4	1.1	0.1	5.2
2000	100.0	55.2	27.9	0.7	7.6	2.6	1.0	0.2	4.8
2001	100.0	54.7	29.1	0.7	7.1	2.8	0.3	0.2	5.0
2002	100.0	52.8	28.5	2.3	7.4	2.0	1.0	0.2	5.8

3-8a. Gross Domestic Product by Industry

(At Market Prices)

Period	Total	Agriculture	Subtotal	Industry			Subtotal	Services			
				Manufacturing	Construction	Electricity, Gas and Water		Trade & Eating-Drinking Places	Transport, Storage and Communications	Government Services	Finance, Insurance & Business Services
I. Amount (NT\$ million at current prices)											
1952	17,251	5,558	3,396	2,221	667	155	8,297	3,081	716	1,662	1,648
1955	29,981	8,720	6,966	4,685	1,454	289	14,295	4,973	1,279	3,305	2,858
1960	62,507	17,838	16,796	11,925	2,431	1,038	27,873	9,593	2,941	6,657	5,593
1965	112,627	26,611	34,025	25,095	4,473	2,377	51,991	17,840	6,050	11,451	10,376
1970	226,805	35,076	83,530	66,168	8,801	5,511	108,199	32,845	13,642	25,979	22,138
1975	589,651	74,875	235,419	182,012	31,032	15,109	279,357	77,815	35,429	61,884	61,870
1976	707,710	80,504	305,443	238,965	40,210	17,025	321,763	88,292	41,974	69,326	74,182
1977	828,995	87,875	364,393	283,621	50,463	20,779	376,727	102,416	49,037	80,400	88,173
1978	991,602	93,033	448,007	353,265	60,109	24,608	450,562	119,839	59,435	95,443	108,224
1979	1,195,838	102,248	542,210	429,320	73,977	27,786	551,380	147,359	70,023	116,004	145,012
1980	1,491,059	114,556	682,114	537,089	93,350	37,544	694,389	196,066	89,104	144,274	189,393
1981	1,773,931	129,496	806,657	631,227	100,656	59,412	837,778	235,221	105,608	184,321	244,652
1982	1,899,971	147,041	842,505	668,934	95,448	63,424	910,425	252,928	113,833	208,006	261,043
1983	2,100,005	153,331	944,178	754,729	97,488	77,423	1,002,496	273,647	126,851	221,467	275,568
1984	2,343,078	148,414	1,081,510	879,455	99,927	87,983	1,113,154	308,310	146,543	239,184	311,935
1985	2,473,786	143,083	1,144,712	929,142	102,023	99,526	1,185,991	327,935	158,563	254,272	341,227
1986	2,855,180	158,326	1,345,071	1,123,528	107,923	99,825	1,351,783	370,109	176,167	268,945	372,148
1987	3,237,051	171,728	1,510,912	1,258,998	125,981	110,899	1,554,411	417,547	198,510	289,608	440,036
1988	3,523,193	177,416	1,579,639	1,308,726	148,184	106,859	1,766,138	467,055	220,481	333,341	533,066
1989	3,938,826	192,872	1,666,633	1,361,050	175,776	113,231	2,079,321	531,959	244,858	382,694	693,368
1990	4,307,043	180,110	1,775,583	1,434,545	203,345	121,101	2,351,350	611,988	265,272	458,477	785,589
1991	4,810,705	182,356	1,975,634	1,603,842	225,742	128,254	2,652,715	702,911	297,917	532,239	858,518
1992	5,338,952	191,974	2,139,747	1,698,719	262,685	145,359	3,007,231	806,250	334,033	574,708	1,003,013
1993	5,918,376	215,333	2,328,822	1,808,804	315,076	159,616	3,374,221	905,719	373,121	621,128	1,148,010
1994	6,463,600	227,172	2,437,727	1,873,978	360,326	170,390	3,798,701	1,008,857	412,474	663,743	1,354,865
1995	7,017,933	244,265	2,552,997	1,959,471	381,383	179,111	4,220,671	1,147,123	447,430	726,590	1,499,496
1996	7,678,126	245,184	2,742,061	2,143,654	376,746	190,327	4,690,881	1,289,625	488,800	795,667	1,665,515
1997	8,328,780	212,100	2,941,615	2,315,420	391,785	195,779	5,175,065	1,434,915	530,916	848,859	1,901,251
1998	8,938,967	220,605	3,090,002	2,448,395	389,255	205,575	5,628,360	1,588,691	588,555	895,887	2,032,418
1999	9,289,929	237,531	3,082,452	2,470,012	358,300	207,749	5,969,946	1,717,692	625,637	946,549	2,127,532
2000	9,663,388	201,810	3,128,699	2,550,380	329,567	208,325	6,332,879	1,865,320	648,571	984,982	2,199,438
2001	9,506,624	185,182	2,955,721	2,431,213	277,651	208,871	6,365,721	1,833,533	656,292	1,011,122	2,217,249
2002	9,748,811	181,000	3,026,809	2,519,581	249,632	215,610	6,541,002	1,895,476	675,988	1,024,869	2,304,636
2003	9,847,555	179,657	2,992,106	2,515,260	219,924	220,325	6,675,792	1,954,911	674,329	1,064,656	2,346,691

Source: See Table 3-1.

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

(At Market Prices)

Period	Total	Agri- culture	Industry				Services					
			Subtotal	Manu- facturing	Construc- tion	Electricity, Gas and Water	Subtotal	Trade & Eating- Drinking Places	Transport, Storage and Communi- cations	Government Services	Finance, Insurance & Business Services	
II. Percentage (%)												
1952	100.0	32.2	19.7	12.9	3.9	0.9	48.1	17.9	4.2	9.6	9.6	
1955	100.0	29.1	23.2	15.6	4.8	1.0	47.7	16.6	4.3	11.0	9.5	
1960	100.0	28.5	26.9	19.1	3.9	1.7	44.6	15.3	4.7	10.7	8.9	
1965	100.0	23.6	30.2	22.3	4.0	2.1	46.2	15.8	5.4	10.2	9.2	
1970	100.0	15.5	36.8	29.2	3.9	2.4	47.7	14.5	6.0	11.5	9.8	
1975	100.0	12.7	39.9	30.9	5.3	2.6	47.4	13.2	6.0	10.5	10.5	
1976	100.0	11.4	43.2	33.8	5.7	2.4	45.5	12.5	5.9	9.8	10.5	
1977	100.0	10.6	44.0	34.2	6.1	2.5	45.4	12.4	5.9	9.7	10.6	
1978	100.0	9.4	45.2	35.6	6.1	2.5	45.4	12.1	6.0	9.6	10.9	
1979	100.0	8.6	45.3	35.9	6.2	2.3	46.1	12.3	5.9	9.7	12.1	
1980	100.0	7.7	45.7	36.0	6.3	2.5	46.6	13.1	6.0	9.7	12.7	
1981	100.0	7.3	45.5	35.6	5.7	3.3	47.2	13.3	6.0	10.4	13.8	
1982	100.0	7.7	44.3	35.2	5.0	3.3	47.9	13.3	6.0	10.9	13.7	
1983	100.0	7.3	45.0	35.9	4.6	3.7	47.7	13.0	6.0	10.5	13.1	
1984	100.0	6.3	46.2	37.5	4.3	3.8	47.5	13.2	6.3	10.2	13.3	
1985	100.0	5.8	46.3	37.6	4.1	4.0	47.9	13.3	6.4	10.3	13.8	
1986	100.0	5.5	47.1	39.4	3.8	3.5	47.3	13.0	6.2	9.4	13.0	
1987	100.0	5.3	46.7	38.9	3.9	3.4	48.0	12.9	6.1	8.9	13.6	
1988	100.0	5.0	44.8	37.1	4.2	3.0	50.1	13.3	6.3	9.5	15.1	
1989	100.0	4.9	42.3	34.6	4.5	2.9	52.8	13.5	6.2	9.7	17.6	
1990	100.0	4.2	41.2	33.3	4.7	2.8	54.6	14.2	6.2	10.6	18.2	
1991	100.0	3.8	41.1	33.3	4.7	2.7	55.1	14.6	6.2	11.1	17.8	
1992	100.0	3.6	40.1	31.8	4.9	2.7	56.3	15.1	6.3	10.8	18.8	
1993	100.0	3.6	39.3	30.6	5.3	2.7	57.0	15.3	6.3	10.5	19.4	
1994	100.0	3.5	37.7	29.0	5.6	2.6	58.8	15.6	6.4	10.3	21.0	
1995	100.0	3.5	36.4	27.9	5.4	2.6	60.1	16.3	6.4	10.4	21.4	
1996	100.0	3.2	35.7	27.9	4.9	2.5	61.1	16.8	6.4	10.4	21.7	
1997	100.0	2.5	35.3	27.8	4.7	2.4	62.1	17.2	6.4	10.2	22.8	
1998	100.0	2.5	34.6	27.4	4.4	2.3	63.0	17.8	6.6	10.0	22.7	
1999	100.0	2.6	33.2	26.6	3.9	2.2	64.3	18.5	6.7	10.2	22.9	
2000	100.0	2.1	32.4	26.4	3.4	2.2	65.5	19.3	6.7	10.2	22.8	
2001	100.0	1.9	31.1	25.6	2.9	2.2	67.0	19.3	6.9	10.6	23.3	
2002	100.0	1.9	31.0	25.8	2.6	2.2	67.1	19.4	6.9	10.5	23.6	
2003	100.0	1.8	30.4	25.5	2.2	2.2	67.8	19.9	6.8	10.8	23.8	

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

Period	Total	Agri- culture	Subtotal	Industry			Subtotal	Services			
				Manu- facturing	Construc- tion	Electricity, Gas and Water		Trade & Eating- Drinking Places	Transport, Storage and Communi- cations	Govern- ment Services	Finance, Insurance & Business Services
I. Amount (NT\$ million at 1996 prices)											
1970	944,878	163,562	304,986	225,445	38,617	17,489	476,330	118,427	36,660	182,924	97,326
1971	1,066,722	165,922	366,554	276,856	44,977	19,907	534,246	134,900	44,307	198,938	109,398
1972	1,208,783	171,881	440,210	336,740	54,448	23,841	596,692	155,927	52,330	202,429	128,520
1973	1,363,900	178,061	511,807	396,967	63,108	27,356	674,032	182,467	62,703	211,866	155,466
1974	1,379,747	181,449	503,183	374,522	75,979	28,618	695,115	188,759	72,677	201,569	168,622
1975	1,447,748	174,167	535,308	391,213	88,768	30,832	738,273	188,476	83,953	222,144	175,637
1976	1,648,416	189,354	653,264	481,354	107,266	36,390	805,798	206,881	98,497	235,878	196,815
1977	1,816,383	197,058	734,967	544,696	121,613	40,440	884,358	227,684	106,267	254,574	219,383
1978	2,063,299	196,103	872,628	660,889	135,311	47,158	994,568	265,569	120,716	271,739	259,035
1979	2,231,953	205,326	937,585	713,277	144,860	51,694	1,089,042	288,241	134,706	290,964	314,564
1980	2,394,914	201,293	1,024,043	783,768	156,276	55,259	1,169,578	311,993	148,497	307,208	346,685
1981	2,542,505	200,406	1,087,432	843,352	159,241	55,833	1,254,667	331,360	164,325	328,205	381,389
1982	2,632,796	204,734	1,102,479	863,873	152,549	58,889	1,325,583	348,011	175,350	347,214	393,939
1983	2,855,186	209,697	1,208,781	964,051	148,742	68,717	1,436,708	379,096	191,742	364,621	407,443
1984	3,157,823	213,996	1,365,807	1,107,790	153,549	77,785	1,578,020	424,376	214,291	388,590	461,663
1985	3,314,214	218,860	1,415,857	1,145,030	157,088	87,493	1,679,497	452,274	227,814	410,211	498,119
1986	3,699,889	218,834	1,614,858	1,331,676	165,245	91,616	1,866,197	487,651	245,672	423,349	541,425
1987	4,171,439	232,638	1,811,552	1,502,025	181,734	101,216	2,127,249	551,249	271,847	447,985	629,120
1988	4,498,496	234,954	1,902,264	1,561,992	202,386	111,186	2,361,278	611,500	294,840	484,759	745,340
1989	4,868,833	233,598	1,986,464	1,617,536	222,921	118,725	2,648,771	677,623	314,852	518,518	903,390
1990	5,131,506	238,879	2,002,531	1,603,777	244,445	127,734	2,890,096	750,110	333,537	571,458	993,497
1991	5,519,140	243,119	2,139,906	1,712,074	260,024	140,037	3,136,115	827,332	358,431	623,526	1,042,685
1992	5,932,383	237,654	2,268,285	1,781,531	306,532	147,751	3,426,444	923,962	388,075	647,970	1,166,035
1993	6,348,468	249,712	2,374,441	1,825,038	353,050	158,386	3,724,315	1,023,347	416,300	678,368	1,278,852
1994	6,799,720	239,195	2,522,102	1,932,548	382,956	169,205	4,038,423	1,105,009	438,386	700,732	1,443,792
1995	7,236,536	246,007	2,651,521	2,046,385	388,662	180,239	4,339,008	1,197,165	464,400	747,415	1,545,488
1996	7,678,126	245,184	2,742,061	2,143,654	376,746	190,327	4,690,881	1,289,625	488,800	795,667	1,665,515
1997	8,190,783	241,562	2,909,337	2,286,588	391,723	201,857	5,039,884	1,385,066	521,740	818,083	1,861,820
1998	8,565,134	225,635	2,989,047	2,363,104	383,668	214,104	5,350,452	1,481,645	571,207	838,783	1,946,798
1999	9,029,704	231,789	3,128,248	2,520,596	361,226	219,727	5,669,667	1,569,668	664,764	865,866	2,017,939
2000	9,558,698	234,461	3,306,882	2,704,772	341,383	235,527	6,017,355	1,674,081	749,207	888,417	2,073,386
2001	9,349,923	229,608	3,109,483	2,549,752	298,534	238,025	6,010,832	1,632,856	772,182	907,617	2,087,906
2002	9,685,551	240,471	3,266,330	2,709,462	289,989	243,217	6,178,750	1,671,598	809,717	924,194	2,166,904
2003	9,999,787	239,937	3,421,199	2,867,139	279,869	254,474	6,338,651	1,720,720	843,454	943,121	2,230,028

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

(At Market Prices)

Period	Total	Agri- culture	Subtotal	Industry			Subtotal	Services			
				Manu- facturing	Construc- tion	Electricity, Gas and Water		Trade & Eating- Drinking Places	Transport, Storage and Communi- cations	Government Services	Finance, Insurance & Business Services
<b>II. Annual Real Growth Rate(%)</b>											
1971	12.9	1.4	20.2	22.8	16.5	13.8	12.2	13.9	20.9	8.8	12.4
1972	13.3	3.6	20.1	21.6	21.1	19.8	11.7	15.6	18.1	1.8	17.5
1973	12.8	3.6	16.3	17.9	15.9	14.7	13.0	17.0	19.8	4.7	21.0
1974	1.2	1.9	-1.7	-5.7	20.4	4.6	3.1	3.4	15.9	-4.9	8.5
1975	4.9	-4.0	6.4	4.5	16.8	7.7	6.2	-0.1	15.5	10.2	4.2
1976	13.9	8.7	22.0	23.0	20.8	18.0	9.1	9.8	17.3	6.2	12.1
1977	10.2	4.1	12.5	13.2	13.4	11.1	9.7	10.1	7.9	7.9	11.5
1978	13.6	-0.5	18.7	21.3	11.3	16.6	12.5	16.6	13.6	6.7	18.1
1979	8.2	4.7	7.4	7.9	7.1	9.6	9.5	8.5	11.6	7.1	21.4
1980	7.3	-2.0	9.2	9.9	7.9	6.9	7.4	8.2	10.2	5.6	10.2
1981	6.2	-0.4	6.2	7.6	1.9	1.0	7.3	6.2	10.7	6.8	10.0
1982	3.6	2.2	1.4	2.4	-4.2	5.5	5.7	5.0	6.7	5.8	3.3
1983	8.4	2.4	9.6	11.6	-2.5	16.7	8.4	8.9	9.3	5.0	3.4
1984	10.6	2.1	13.0	14.9	3.2	13.2	9.8	11.9	11.8	6.6	13.3
1985	5.0	2.3	3.7	3.4	2.3	12.5	6.4	6.6	6.3	5.6	7.9
1986	11.6	0.0	14.1	16.3	5.2	4.7	11.1	7.8	7.8	3.2	8.7
1987	12.7	6.3	12.2	12.8	10.0	10.5	14.0	13.0	10.7	5.8	16.2
1988	7.8	1.0	5.0	4.0	11.4	9.9	11.0	10.9	8.5	8.2	18.5
1989	8.2	-0.6	4.4	3.6	10.1	6.8	12.2	10.8	6.8	7.0	21.2
1990	5.4	2.3	0.8	-0.9	9.7	7.6	9.1	10.7	5.9	10.2	10.0
1991	7.6	1.8	6.9	6.8	6.4	9.6	8.5	10.3	7.5	9.1	5.0
1992	7.5	-2.2	6.0	4.1	17.9	5.5	9.3	11.7	8.3	3.9	11.8
1993	7.0	5.1	4.7	2.4	15.2	7.2	8.7	10.8	7.3	4.7	9.7
1994	7.1	-4.2	6.2	5.9	8.5	6.8	8.4	8.0	5.3	3.3	12.9
1995	6.4	2.8	5.1	5.9	1.5	6.5	7.4	8.3	5.9	6.7	7.0
1996	6.1	-0.3	3.4	4.8	-3.1	5.6	8.1	7.7	5.3	6.5	7.8
1997	6.7	-1.5	6.1	6.7	4.0	6.1	7.4	7.4	6.7	2.8	11.8
1998	4.6	-6.6	2.7	3.3	-2.1	6.1	6.2	7.0	9.5	2.5	4.6
1999	5.4	2.7	4.7	6.7	-5.8	2.6	6.0	5.9	16.4	3.2	3.7
2000	5.9	1.2	5.7	7.3	-5.5	7.2	6.1	6.7	12.7	2.6	2.7
2001	-2.2	-2.1	-6.0	-5.7	-12.6	1.1	-0.1	-2.5	3.1	2.2	0.7
2002	3.6	4.7	5.0	6.3	-2.9	2.2	2.8	2.4	4.9	1.8	3.8
2003	3.2	-0.2	4.7	5.8	-3.5	4.6	2.6	2.9	4.2	2.0	2.9

## 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	17,247	-4	15,661	12,728	2,933	2,643	1,940	703	18,304	1,386	2,439
1955	29,978	-3	27,278	21,623	5,655	3,998	3,401	597	31,276	2,475	3,770
1960	62,480	-27	54,591	42,559	12,032	12,618	10,361	2,257	67,209	7,192	11,894
1965	112,433	-194	90,454	71,452	19,002	25,546	19,090	6,456	116,000	21,771	25,144
1970	226,393	-412	169,033	127,636	41,397	57,886	49,054	8,832	226,919	68,746	68,860
1975	586,307	-3,344	429,910	336,846	93,064	179,047	183,312	-4,265	608,957	233,701	253,007
1976	702,694	-5,016	476,217	368,690	107,527	216,231	195,724	20,507	692,448	336,228	320,966
1977	823,871	-5,124	555,629	426,802	128,827	232,950	212,590	20,360	788,579	405,534	365,118
1978	989,271	-2,331	647,975	497,649	150,326	279,671	255,597	24,074	927,646	519,372	455,416
1979	1,196,238	400	788,940	604,473	184,467	393,379	335,916	57,463	1,182,319	637,586	624,067
1980	1,488,953	-2,106	1,004,902	767,742	237,160	503,911	456,446	47,465	1,508,813	783,272	801,026
1981	1,764,278	-9,653	1,207,881	922,154	285,727	529,833	494,043	35,790	1,737,714	920,920	884,703
1982	1,899,289	-682	1,322,950	1,002,305	320,645	479,224	490,923	-11,699	1,802,174	952,471	854,674
1983	2,103,261	3,256	1,425,719	1,085,429	340,290	492,861	478,430	14,431	1,918,580	1,114,298	932,873
1984	2,368,478	25,400	1,561,277	1,189,459	371,818	519,371	496,281	23,090	2,080,648	1,317,482	1,055,052
1985	2,515,049	41,263	1,660,944	1,261,580	399,364	471,359	466,341	5,018	2,132,303	1,341,253	999,770
1986	2,925,772	70,592	1,789,348	1,366,466	422,882	500,656	517,461	-16,805	2,290,004	1,658,744	1,093,568
1987	3,303,031	65,980	2,008,674	1,542,478	466,196	666,934	622,598	44,336	2,675,608	1,855,409	1,293,966
1988	3,611,536	88,343	2,311,301	1,781,435	529,866	833,925	733,689	100,236	3,145,226	1,914,488	1,536,521
1989	4,029,254	90,428	2,720,088	2,103,665	616,423	923,423	869,564	53,859	3,643,511	1,953,257	1,657,942
1990	4,411,995	104,952	3,098,289	2,358,684	739,605	994,119	965,580	28,539	4,092,408	2,013,953	1,799,318
1991	4,927,801	117,096	3,472,239	2,635,459	836,780	1,120,419	1,066,604	53,815	4,592,658	2,280,505	2,062,458
1992	5,459,814	120,862	3,881,271	2,987,919	893,352	1,362,411	1,288,580	73,831	5,243,682	2,324,857	2,229,587
1993	6,032,180	113,804	4,272,537	3,347,747	924,790	1,549,608	1,489,590	60,018	5,822,145	2,608,915	2,512,684
1994	6,571,009	107,409	4,715,034	3,773,534	941,500	1,640,619	1,588,779	51,840	6,355,653	2,821,162	2,713,215
1995	7,129,131	111,198	5,123,821	4,124,738	999,083	1,777,496	1,750,642	26,854	6,901,317	3,366,997	3,250,381
1996	7,787,626	109,500	5,637,619	4,539,920	1,097,699	1,781,375	1,727,366	54,009	7,418,994	3,640,089	3,380,957
1997	8,417,392	88,612	6,133,715	4,936,084	1,197,631	2,016,446	1,895,357	121,089	8,150,161	4,019,880	3,841,261
1998	9,006,625	67,658	6,613,841	5,334,143	1,279,698	2,226,491	2,103,919	122,572	8,840,332	4,274,219	4,175,584
1999	9,375,841	85,912	6,863,030	5,641,313	1,221,717	2,171,372	2,124,744	46,628	9,034,402	4,486,094	4,230,567
2000	9,803,348	139,960	7,228,257	5,981,274	1,246,983	2,212,350	2,267,328	-54,978	9,440,607	5,260,994	5,038,213
2001	9,698,047	191,423	7,283,065	6,042,628	1,240,437	1,682,154	1,781,752	-99,598	8,965,219	4,839,820	4,298,415
2002	10,003,041	254,230	7,382,183	6,149,507	1,232,676	1,644,168	1,728,279	-84,111	9,026,351	5,245,948	4,523,488
2003	10,181,422	333,867	7,447,968	6,186,554	1,261,414	1,689,756	1,724,373	-34,617	9,137,724	5,721,983	5,012,152

Source: Directorate-General of Budget Accounting and Statistics, Executive Yuan R.O.C. *Quarterly National Economic Trends, Taiwan Area, Republic of China*, No. 104, Feb. 2004.

## 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	90.8	73.8	17.0	15.3	11.2	4.1	106.1	8.0	14.1
1955	100.0	0.0	91.0	72.1	18.9	13.3	11.3	2.0	104.3	8.3	12.6
1960	100.0	0.0	87.4	68.1	19.3	20.2	16.6	3.6	107.6	11.5	19.0
1965	100.0	-0.2	80.5	63.6	16.9	22.7	17.0	5.7	103.2	19.4	22.4
1970	100.0	-0.2	74.7	56.4	18.3	25.6	21.7	3.9	100.2	30.4	30.4
1975	100.0	-0.6	73.3	57.5	15.9	30.5	31.3	-0.7	103.9	39.9	43.2
1976	100.0	-0.7	67.8	52.5	15.3	30.8	27.9	2.9	98.5	47.8	45.7
1977	100.0	-0.6	67.4	51.8	15.6	28.3	25.8	2.5	95.7	49.2	44.3
1978	100.0	-0.2	65.5	50.3	15.2	28.3	25.8	2.4	93.8	52.5	46.0
1979	100.0	0.0	66.0	50.5	15.4	32.9	28.1	4.8	98.8	53.3	52.2
1980	100.0	-0.1	67.5	51.6	15.9	33.8	30.7	3.2	101.3	52.6	53.8
1981	100.0	-0.5	68.5	52.3	16.2	30.0	28.0	2.0	98.5	52.2	50.1
1982	100.0	0.0	69.7	52.8	16.9	25.2	25.8	-0.6	94.9	50.1	45.0
1983	100.0	0.2	67.8	51.6	16.2	23.4	22.7	0.7	91.2	53.0	44.4
1984	100.0	1.1	65.9	50.2	15.7	21.9	21.0	1.0	87.8	55.6	44.5
1985	100.0	1.6	66.0	50.2	15.9	18.7	18.5	0.2	84.8	53.3	39.8
1986	100.0	2.4	61.2	46.7	14.5	17.1	17.7	-0.6	78.3	56.7	37.4
1987	100.0	2.0	60.8	46.7	14.1	20.2	18.8	1.3	81.0	56.2	39.2
1988	100.0	2.4	64.0	49.3	14.7	23.1	20.3	2.8	87.1	53.0	42.5
1989	100.0	2.2	67.5	52.2	15.3	22.9	21.6	1.3	90.4	48.5	41.1
1990	100.0	2.4	70.2	53.5	16.8	22.5	21.9	0.6	92.8	45.6	40.8
1991	100.0	2.4	70.5	53.5	17.0	22.7	21.6	1.1	93.2	46.3	41.9
1992	100.0	2.2	71.1	54.7	16.4	25.0	23.6	1.4	96.0	42.6	40.8
1993	100.0	1.9	70.8	55.5	15.3	25.7	24.7	1.0	96.5	43.2	41.7
1994	100.0	1.6	71.8	57.4	14.3	25.0	24.2	0.8	96.7	42.9	41.3
1995	100.0	1.6	71.9	57.9	14.0	24.9	24.6	0.4	96.8	47.2	45.6
1996	100.0	1.4	72.4	58.3	14.1	22.9	22.2	0.7	95.3	46.7	43.4
1997	100.0	1.1	72.9	58.6	14.2	24.0	22.5	1.4	96.8	47.8	45.6
1998	100.0	0.8	73.4	59.2	14.2	24.7	23.4	1.4	98.2	47.5	46.4
1999	100.0	0.9	73.2	60.2	13.0	23.2	22.7	0.5	96.4	47.8	45.1
2000	100.0	1.4	73.7	61.0	12.7	22.6	23.1	-0.6	96.3	53.7	51.4
2001	100.0	2.0	75.1	62.3	12.8	17.3	18.4	-1.0	92.4	49.9	44.3
2002	100.0	2.5	73.8	61.5	12.3	16.4	17.3	-0.8	90.2	52.4	45.2
2003	100.0	3.3	73.2	60.8	12.4	16.6	16.9	-0.3	89.7	56.2	49.2

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 1996 prices)											
1952	210,008	-47	203,918	139,018	64,900	19,051	15,407	3,644	222,969	11,190	24,104
1955	271,935	-22	261,426	176,760	84,666	20,839	18,731	2,108	282,265	12,956	23,264
1960	376,093	-95	349,094	227,293	121,801	43,212	37,140	6,072	392,306	23,526	39,644
1965	590,934	-635	527,690	366,726	160,964	78,536	62,993	15,543	606,226	63,382	78,039
1970	943,533	-1,345	798,232	551,242	246,990	170,027	148,808	21,219	968,259	178,458	201,839
1975	1,440,143	-7,605	1,150,487	850,781	299,706	321,529	327,647	-6,118	1,472,016	379,911	404,179
1976	1,637,377	-11,039	1,260,530	932,191	328,339	371,358	341,557	29,801	1,631,888	519,650	503,122
1977	1,805,347	-11,036	1,366,165	1,001,275	364,890	391,279	363,090	28,189	1,757,444	586,386	527,447
1978	2,058,385	-4,914	1,496,476	1,106,263	390,213	450,088	416,504	33,584	1,946,564	722,645	605,910
1979	2,232,758	805	1,647,347	1,226,231	421,116	539,021	469,977	69,044	2,186,368	768,169	722,584
1980	2,391,489	-3,425	1,742,998	1,289,559	453,439	585,435	538,400	47,035	2,328,433	829,231	762,750
1981	2,528,621	-13,884	1,820,263	1,349,051	471,212	592,044	559,665	32,379	2,412,307	908,272	778,074
1982	2,631,815	-981	1,919,924	1,418,051	501,873	549,750	561,091	-11,341	2,469,674	926,430	763,308
1983	2,859,674	4,488	2,050,905	1,525,472	525,433	564,463	551,375	13,088	2,615,368	1,085,819	846,001
1984	3,192,837	35,014	2,244,287	1,679,706	564,581	598,152	576,972	21,180	2,842,439	1,281,570	966,186
1985	3,371,194	56,980	2,381,067	1,781,375	599,692	553,761	549,803	3,958	2,934,828	1,310,173	930,787
1986	3,796,687	96,798	2,541,569	1,917,768	623,801	588,887	606,199	-17,312	3,130,456	1,683,645	1,114,212
1987	4,261,522	90,083	2,818,542	2,140,571	677,971	766,222	719,227	46,995	3,584,764	2,007,323	1,420,648
1988	4,617,644	119,148	3,161,574	2,424,199	737,375	929,451	824,087	105,364	4,091,025	2,111,546	1,704,075
1989	4,985,492	116,659	3,541,801	2,729,366	812,435	1,001,757	945,731	56,026	4,543,558	2,218,826	1,893,551
1990	5,261,882	130,376	3,856,935	2,942,630	914,305	1,048,379	1,017,519	30,860	4,905,314	2,232,939	2,006,747
1991	5,659,375	140,235	4,140,987	3,158,935	982,052	1,166,351	1,111,388	54,963	5,307,338	2,521,799	2,309,997
1992	6,070,793	138,410	4,451,609	3,440,687	1,010,922	1,392,659	1,316,774	75,885	5,844,268	2,690,090	2,601,975
1993	6,475,155	126,687	4,735,459	3,720,098	1,015,361	1,537,349	1,474,330	63,019	6,272,808	2,888,105	2,812,445
1994	6,914,552	114,832	5,032,150	4,034,394	997,756	1,636,502	1,583,432	53,070	6,668,652	3,035,512	2,904,444
1995	7,351,244	114,708	5,290,673	4,261,489	1,029,184	1,724,235	1,699,134	25,101	7,014,908	3,410,233	3,188,605
1996	7,787,626	109,500	5,637,619	4,539,920	1,097,699	1,781,375	1,727,366	54,009	7,418,994	3,640,089	3,380,957
1997	8,278,451	87,668	6,031,783	4,869,682	1,162,101	2,034,081	1,911,315	122,766	8,065,864	3,970,464	3,845,545
1998	8,630,871	65,737	6,397,380	5,187,394	1,209,986	2,190,904	2,064,433	126,471	8,588,284	4,066,145	4,089,295
1999	9,112,981	83,277	6,597,553	5,466,132	1,131,421	2,151,772	2,101,150	50,622	8,749,325	4,549,841	4,269,462
2000	9,692,766	134,068	6,873,076	5,735,413	1,137,663	2,227,028	2,282,021	-54,993	9,100,104	5,348,403	4,889,809
2001	9,533,486	183,563	6,920,859	5,794,855	1,126,004	1,707,709	1,811,585	-103,876	8,628,568	4,932,793	4,211,438
2002	9,929,798	244,247	7,033,583	5,909,887	1,123,696	1,684,421	1,773,022	-88,601	8,718,004	5,424,969	4,457,422
2003	10,321,324	321,537	7,089,436	5,956,360	1,133,076	1,710,726	1,744,718	-33,992	8,800,162	5,993,995	4,794,370

## 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	12.0	...	13.5	16.1	8.3	28.9	27.1	37.5	14.7	0.3	34.1
1955	8.1	...	7.1	6.1	9.1	-15.2	-13.5	-28.3	5.0	29.3	-14.4
1960	6.5	...	4.0	5.2	1.8	28.8	23.2	78.9	6.3	13.6	10.0
1965	11.0	...	9.2	10.8	5.6	27.9	21.6	61.7	11.3	25.5	24.1
1970	11.3	...	9.2	9.5	8.5	19.7	13.6	91.4	10.9	28.3	23.3
1975	4.4	...	7.2	5.1	13.3	-9.3	21.5	...	3.1	0.3	-5.4
1976	13.7	...	9.6	9.6	9.6	15.5	4.2	...	10.9	36.8	24.5
1977	10.3	...	8.4	7.4	11.1	5.4	6.3	-5.4	7.7	12.8	4.8
1978	14.0	...	9.5	10.5	6.9	15.0	14.7	19.1	10.8	23.2	14.9
1979	8.5	...	10.1	10.8	7.9	19.8	12.8	105.6	12.3	6.3	19.3
1980	7.1	...	5.8	5.2	7.7	8.6	14.6	-31.9	6.5	7.9	5.6
1981	5.7	...	4.4	4.6	3.9	1.1	3.9	-31.2	3.6	9.5	2.0
1982	4.1	...	5.5	5.1	6.5	-7.1	0.3	...	2.4	2.0	-1.9
1983	8.7	...	6.8	7.6	4.7	2.7	-1.7	...	5.9	17.2	10.8
1984	11.7	680.2	9.4	10.1	7.5	6.0	4.6	61.8	8.7	18.0	14.2
1985	5.6	62.7	6.1	6.1	6.2	-7.4	-4.7	-81.3	3.3	2.2	-3.7
1986	12.6	69.9	6.7	7.7	4.0	6.3	10.3	...	6.7	28.5	19.7
1987	12.2	-6.9	10.9	11.6	8.7	30.1	18.6	...	14.5	19.2	27.5
1988	8.4	32.3	12.2	13.3	8.8	21.3	14.6	124.2	14.1	5.2	20.0
1989	8.0	-2.1	12.0	12.6	10.2	7.8	14.8	-46.8	11.1	5.1	11.1
1990	5.5	11.8	8.9	7.8	12.5	4.7	7.6	-44.9	8.0	0.6	6.0
1991	7.6	7.6	7.4	7.4	7.4	11.3	9.2	78.1	8.2	12.9	15.1
1992	7.3	-1.3	7.5	8.9	2.9	19.4	18.5	38.1	10.1	6.7	12.6
1993	6.7	-8.5	6.4	8.1	0.4	10.4	12.0	-17.0	7.3	7.4	8.1
1994	6.8	-9.4	6.3	8.4	-1.7	6.4	7.4	-15.8	6.3	5.1	3.3
1995	6.3	-0.1	5.1	5.6	3.1	5.4	7.3	-52.7	5.2	12.3	9.8
1996	5.9	-4.5	6.6	6.5	6.7	3.3	1.7	115.2	5.8	6.7	6.0
1997	6.3	-19.9	7.0	7.3	5.9	14.2	10.6	127.3	8.7	9.1	13.7
1998	4.3	-25.0	6.1	6.5	4.1	7.7	8.0	3.0	6.5	2.4	6.3
1999	5.6	26.7	3.1	5.4	-6.5	-1.8	1.8	-60.0	1.9	11.9	4.4
2000	6.4	61.0	4.2	4.9	0.6	3.5	8.6	...	4.0	17.6	14.5
2001	-1.6	36.9	0.7	1.0	-1.0	-23.3	-20.6	88.9	-5.2	-7.8	-13.9
2002	4.2	33.1	1.6	2.0	-0.2	-1.4	-2.1	14.7	1.0	10.0	5.8
2003	3.9	31.6	0.8	0.8	0.8	1.6	-1.6	61.6	0.9	10.5	7.6

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	127.18	85.91	22.24	14.61	4.42	-27.18	0.14	27.31
1955	100.00	66.45	50.04	34.78	-14.29	-4.08	33.55	14.40	-19.15
1960	100.00	103.50	50.33	9.88	31.30	11.99	-3.50	12.62	16.13
1965	100.00	103.82	60.44	14.47	18.90	10.01	-3.82	21.72	25.53
1970	100.00	98.77	49.63	20.14	18.50	10.50	1.23	40.78	39.55
1975	100.00	64.44	61.23	51.79	85.30	-133.87	35.56	1.86	-33.69
1976	100.00	79.67	40.57	14.27	6.93	17.90	20.33	69.64	49.31
1977	100.00	74.75	41.13	21.76	12.82	-0.96	25.25	39.73	14.48
1978	100.00	76.59	42.52	10.26	21.63	2.18	23.41	55.18	31.78
1979	100.00	142.19	71.13	18.32	31.71	21.03	-42.19	26.99	69.18
1980	100.00	87.18	38.86	19.84	41.99	-13.51	12.82	37.47	24.65
1981	100.00	56.83	40.31	12.04	14.41	-9.93	43.17	53.55	10.38
1982	100.00	63.54	76.42	33.96	1.58	-48.42	36.46	20.11	-16.35
1983	100.00	65.51	48.30	10.59	-4.37	10.98	34.49	71.67	37.18
1984	100.00	75.03	50.96	12.94	8.46	2.67	24.97	64.68	39.71
1985	100.00	59.08	65.01	22.45	-17.37	-11.01	40.92	18.29	-22.63
1986	100.00	50.72	35.36	6.25	14.62	-5.52	49.28	96.84	47.56
1987	100.00	96.34	47.25	11.49	23.97	13.64	3.66	68.64	64.98
1988	100.00	154.79	86.72	18.16	32.06	17.85	-54.79	31.87	86.66
1989	100.00	122.19	82.40	20.27	32.85	-13.32	-22.19	28.97	51.16
1990	100.00	137.72	81.19	38.78	27.33	-9.58	-37.72	5.37	43.09
1991	100.00	103.71	55.80	17.48	24.22	6.22	-3.71	74.52	78.23
1992	100.00	129.93	68.18	6.99	49.70	5.06	-29.93	40.72	70.66
1993	100.00	102.99	67.15	1.07	37.87	-3.09	-2.99	47.59	50.58
1994	100.00	87.72	69.65	-3.90	24.18	-2.20	12.28	32.67	20.39
1995	100.00	79.27	51.99	7.19	26.49	-6.40	20.73	85.78	65.05
1996	100.00	91.51	63.05	15.52	6.39	6.55	8.49	52.05	43.56
1997	100.00	126.18	64.32	12.56	35.88	13.41	-26.18	64.44	90.62
1998	100.00	139.55	84.87	12.79	40.90	0.99	-39.55	25.56	65.11
1999	100.00	34.66	60.00	-16.91	7.90	-16.33	65.34	104.12	38.78
2000	100.00	66.31	50.90	1.18	34.19	-19.97	33.69	150.96	117.27
2001 (1)	...	...	...	...	...	...	...	...	...
2002	100.00	26.65	34.27	-0.69	-11.49	4.55	73.35	146.64	73.29
2003	100.00	26.15	14.79	2.99	-9.01	17.38	73.85	181.08	107.23

(1) Because the 2001 economic growth rate was 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	11.97	15.23	10.29	2.66	1.75	0.53	-3.25	0.02	3.27
1955	8.11	5.39	4.06	2.82	-1.16	-0.33	2.72	1.17	-1.55
1960	6.31	6.53	3.17	0.62	1.97	0.76	-0.22	0.80	1.02
1965	11.13	11.56	6.73	1.61	2.10	1.11	-0.42	2.42	2.84
1970	11.37	11.23	5.64	2.29	2.10	1.19	0.14	4.64	4.50
1975	4.93	3.18	3.02	2.55	4.20	-6.60	1.75	0.09	-1.66
1976	13.86	11.04	5.62	1.98	0.96	2.48	2.82	9.65	6.83
1977	10.19	7.62	4.19	2.22	1.31	-0.10	2.57	4.05	1.48
1978	13.59	10.41	5.78	1.39	2.94	0.30	3.18	7.50	4.32
1979	8.17	11.62	5.81	1.50	2.59	1.72	-3.45	2.21	5.65
1980	7.30	6.37	2.84	1.45	3.07	-0.99	0.94	2.74	1.80
1981	6.16	3.50	2.48	0.74	0.89	-0.61	2.66	3.30	0.64
1982	3.55	2.26	2.71	1.21	0.06	-1.72	1.29	0.71	-0.58
1983	8.45	5.53	4.08	0.89	-0.37	0.93	2.91	6.05	3.14
1984	10.60	7.95	5.40	1.37	0.90	0.28	2.65	6.86	4.21
1985	4.95	2.93	3.22	1.11	-0.86	-0.55	2.03	0.91	-1.12
1986	11.64	5.90	4.12	0.73	1.70	-0.64	5.73	11.27	5.53
1987	12.74	12.28	6.02	1.46	3.05	1.74	0.47	8.75	8.28
1988	7.84	12.14	6.80	1.42	2.51	1.40	-4.30	2.50	6.79
1989	8.23	10.06	6.78	1.67	2.70	-1.10	-1.83	2.38	4.21
1990	5.39	7.43	4.38	2.09	1.47	-0.52	-2.04	0.29	2.32
1991	7.55	7.83	4.22	1.32	1.83	0.47	-0.28	5.63	5.91
1992	7.49	9.73	5.10	0.52	3.72	0.38	-2.24	3.05	5.29
1993	7.01	7.22	4.71	0.07	2.66	-0.22	-0.21	3.34	3.55
1994	7.11	6.24	4.95	-0.28	1.72	-0.16	0.87	2.32	1.45
1995	6.42	5.09	3.34	0.46	1.70	-0.41	1.33	5.51	4.18
1996	6.10	5.58	3.85	0.95	0.39	0.40	0.52	3.18	2.66
1997	6.68	8.42	4.29	0.84	2.40	0.90	-1.75	4.30	6.05
1998	4.57	6.38	3.88	0.58	1.87	0.05	-1.81	1.17	2.98
1999	5.42	1.88	3.25	-0.92	0.43	-0.89	3.54	5.65	2.10
2000	5.86	3.88	2.98	0.07	2.00	-1.17	1.97	8.84	6.87
2001	-2.18	-4.93	0.62	-0.12	-4.92	-0.51	2.75	-4.35	-7.10
2002	3.59	0.96	1.23	-0.02	-0.41	0.16	2.63	5.26	2.63
2003	3.24	0.85	0.48	0.10	-0.29	0.56	2.40	5.87	3.48

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

Period	Gross Capital Formation				Gross Fixed Capital Formation				Increase in Inventory		
	Total	Government	Public Enterprises	Private Sector	Subtotal	Government	Public Enterprises	Private Sector	Subtotal	Public Enterprises	Private Enterprises
I. Amount (NT\$ million)											
1952	2,643	345	1,126	1,172	1,940	345	615	980	703	511	192
1955	3,998	550	1,351	2,097	3,401	550	1,286	1,565	597	65	532
1960	12,618	1,438	4,272	6,908	10,361	1,438	3,472	5,451	2,257	800	1,457
1965	25,546	2,410	5,583	17,553	19,090	2,410	3,985	12,695	6,456	1,598	4,858
1970	57,886	6,591	16,586	34,709	49,054	6,591	14,405	28,058	8,832	2,181	6,651
1975	179,047	25,419	77,716	75,912	183,312	25,419	73,791	84,102	-4,265	3,925	-8,190
1976	216,231	34,954	82,304	98,973	195,724	34,954	74,504	86,266	20,507	7,800	12,707
1977	232,950	43,555	74,134	115,261	212,590	43,555	63,627	105,408	20,360	10,507	9,853
1978	279,671	43,277	84,692	151,702	255,597	43,277	79,288	133,032	24,074	5,404	18,670
1979	393,379	51,994	107,547	233,838	335,916	51,994	104,326	179,596	57,463	3,221	54,242
1980	503,911	68,652	177,415	257,844	456,446	68,652	155,872	231,922	47,465	21,543	25,922
1981	529,833	79,086	186,292	264,455	494,043	79,086	161,470	253,487	35,790	24,822	10,968
1982	479,224	83,603	166,542	229,079	490,923	83,603	165,661	241,659	-11,699	881	-12,580
1983	492,861	78,417	151,324	263,120	478,430	78,417	148,840	251,173	14,431	2,484	11,947
1984	519,371	83,320	125,562	310,489	496,281	83,320	125,953	287,008	23,090	-391	23,481
1985	471,359	89,470	110,704	271,185	466,341	89,470	112,018	264,853	5,018	-1,314	6,332
1986	500,656	98,412	98,203	304,041	517,461	98,412	123,378	295,671	-16,805	-25,175	8,370
1987	666,934	112,501	137,072	417,361	622,598	112,501	136,582	373,515	44,336	490	43,846
1988	833,925	144,468	133,450	556,007	733,689	144,468	136,498	452,723	100,236	-3,048	103,284
1989	923,423	184,836	176,643	561,944	869,564	184,836	168,469	516,259	53,859	8,174	45,685
1990	994,119	238,801	249,518	505,800	965,580	238,801	236,533	490,246	28,539	12,985	15,554
1991	1,120,419	296,582	253,923	569,914	1,066,604	296,582	256,552	513,470	53,815	-2,629	56,444
1992	1,362,411	350,403	265,252	746,756	1,288,580	350,403	261,804	676,373	73,831	3,448	70,383
1993	1,549,608	426,825	240,974	881,809	1,489,590	426,825	248,777	813,988	60,018	-7,803	67,821
1994	1,640,619	473,307	229,953	937,359	1,588,779	473,307	221,423	894,049	51,840	8,530	43,310
1995	1,777,496	496,998	233,230	1,047,268	1,750,642	496,998	228,440	1,025,204	26,854	4,790	22,064
1996	1,781,375	488,593	213,865	1,078,917	1,727,366	488,593	211,338	1,027,435	54,009	2,527	51,482
1997	2,016,446	494,993	204,731	1,316,722	1,895,357	494,993	198,150	1,202,214	121,089	6,581	114,508
1998	2,226,491	503,350	192,247	1,530,894	2,103,919	503,350	215,094	1,385,475	122,572	-22,847	145,419
1999	2,171,372	520,713	257,541	1,393,118	2,124,744	520,713	241,162	1,362,869	46,628	16,379	30,249
2000	2,212,350	491,710	232,993	1,487,647	2,267,328	491,710	227,558	1,548,060	-54,978	5,435	-60,413
2001	1,682,154	460,576	217,510	1,004,068	1,781,752	460,576	229,054	1,092,122	-99,598	-11,544	-88,054
2002	1,644,168	402,733	230,114	1,011,321	1,728,279	402,733	221,631	1,103,915	-84,111	8,483	-92,594
2003	1,689,756	403,185	206,495	1,080,076	1,724,373	403,185	211,559	1,109,629	-34,617	-5,064	-29,553

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	Government	Public Enterprises	Private Sector	Subtotal	Government	Public Enterprises	Private Sector	Subtotal	Public Enterprises	Private Enterprises
II. Percentage (%)											
1952	100.0	13.1	42.6	44.3	100.0	17.8	31.7	50.5	100.0	72.7	27.3
1955	100.0	13.8	33.8	52.5	100.0	16.2	37.8	46.0	100.0	10.9	89.1
1960	100.0	11.4	33.9	54.7	100.0	13.9	33.5	52.6	100.0	35.4	64.6
1965	100.0	9.4	21.9	68.7	100.0	12.6	20.9	66.5	100.0	24.8	75.2
1970	100.0	11.4	28.7	60.0	100.0	13.4	29.4	57.2	100.0	24.7	75.3
1975	100.0	14.2	43.4	42.4	100.0	13.9	40.3	45.9	...	...	...
1976	100.0	16.2	38.1	45.8	100.0	17.9	38.1	44.1	100.0	38.0	62.0
1977	100.0	18.7	31.8	49.5	100.0	20.5	29.9	49.6	100.0	51.6	48.4
1978	100.0	15.5	30.3	54.2	100.0	16.9	31.0	52.0	100.0	22.4	77.6
1979	100.0	13.2	27.3	59.4	100.0	15.5	31.1	53.5	100.0	5.6	94.4
1980	100.0	13.6	35.2	51.2	100.0	15.0	34.1	50.8	100.0	45.4	54.6
1981	100.0	14.9	35.2	49.9	100.0	16.0	32.7	51.3	100.0	69.4	30.6
1982	100.0	17.4	34.8	47.8	100.0	17.0	33.7	49.2	...	...	...
1983	100.0	15.9	30.7	53.4	100.0	16.4	31.1	52.5	100.0	17.2	82.8
1984	100.0	16.0	24.2	59.8	100.0	16.8	25.4	57.8	100.0	-1.7	101.7
1985	100.0	19.0	23.5	57.5	100.0	19.2	24.0	56.8	100.0	-26.2	126.2
1986	100.0	19.7	19.6	60.7	100.0	19.0	23.8	57.1	...	...	...
1987	100.0	16.9	20.6	62.6	100.0	18.1	21.9	60.0	100.0	1.1	98.9
1988	100.0	17.3	16.0	66.7	100.0	19.7	18.6	61.7	100.0	-3.0	103.0
1989	100.0	20.0	19.1	60.9	100.0	21.3	19.4	59.4	100.0	15.2	84.8
1990	100.0	24.0	25.1	50.9	100.0	24.7	24.5	50.8	100.0	45.5	54.5
1991	100.0	26.5	22.7	50.9	100.0	27.8	24.1	48.1	100.0	-4.9	104.9
1992	100.0	25.7	19.5	54.8	100.0	27.2	20.3	52.5	100.0	4.7	95.3
1993	100.0	27.5	15.6	56.9	100.0	28.7	16.7	54.6	100.0	-13.0	113.0
1994	100.0	28.8	14.0	57.1	100.0	29.8	13.9	56.3	100.0	16.5	83.5
1995	100.0	28.0	13.1	58.9	100.0	28.4	13.0	58.6	100.0	17.8	82.2
1996	100.0	27.4	12.0	60.6	100.0	28.3	12.2	59.5	100.0	4.7	95.3
1997	100.0	24.5	10.2	65.3	100.0	26.1	10.5	63.4	100.0	5.4	94.6
1998	100.0	22.6	8.6	68.8	100.0	23.9	10.2	65.9	100.0	-18.6	118.6
1999	100.0	24.0	11.9	64.2	100.0	24.5	11.4	64.1	100.0	35.1	64.9
2000	100.0	22.2	10.5	67.2	100.0	21.7	10.0	68.3	...	...	...
2001	100.0	27.4	12.9	59.7	100.0	25.8	12.9	61.3	...	...	...
2002	100.0	24.5	14.0	61.5	100.0	23.3	12.8	63.9	...	...	...
2003	100.0	23.9	12.2	63.9	100.0	23.4	12.3	64.3	...	...	...

## 3-12a. Composition of Gross Capital Formation by Industry

Period	Gross Capital Formation	Gross Fixed Capital Formation						
		Total	Agriculture	Industry				
				Subtotal	Mining	Manu- facturing	Electricity, Gas & Water	Construction
I. Amount (NT\$ million)								
1952	2,643	1,940	397	554	31	378	138	7
1955	3,998	3,401	617	1,316	27	698	578	13
1960	12,618	10,361	1,559	3,813	215	2,434	1,128	36
1965	25,546	19,090	2,795	7,687	138	5,684	1,774	91
1970	57,886	49,054	3,308	23,441	338	17,690	4,652	761
1975	179,047	183,312	6,640	105,568	2,856	71,551	25,784	5,377
1976	216,231	195,724	8,324	97,682	1,662	71,429	20,950	3,641
1977	232,950	212,590	8,912	89,777	1,564	62,285	22,448	3,480
1978	279,671	255,597	11,630	103,287	2,120	60,446	36,662	4,059
1979	393,379	335,916	14,829	146,789	2,999	90,563	47,979	5,248
1980	503,911	456,446	13,732	212,846	2,116	132,397	69,315	9,018
1981	529,833	494,043	14,871	229,161	1,805	145,364	71,094	10,898
1982	479,224	490,923	12,272	218,443	2,158	122,349	84,857	9,079
1983	492,861	478,430	12,699	210,621	1,312	117,681	82,691	8,937
1984	519,371	496,281	12,960	219,145	1,111	148,670	61,995	7,369
1985	471,359	466,341	12,579	185,731	1,307	126,707	50,638	7,079
1986	500,656	517,461	17,249	227,823	3,804	175,286	41,204	7,529
1987	666,934	622,598	18,822	268,331	2,614	207,438	49,819	8,460
1988	833,925	733,689	25,819	292,170	1,103	229,896	51,323	9,848
1989	923,423	869,564	29,147	325,989	1,492	240,964	72,157	11,376
1990	994,119	965,580	24,072	356,986	1,299	247,873	94,756	13,058
1991	1,120,419	1,066,604	23,597	369,284	1,645	266,761	87,001	13,877
1992	1,362,411	1,288,580	22,594	421,702	1,818	308,362	93,164	18,358
1993	1,549,608	1,489,590	23,076	452,184	2,276	322,899	105,817	21,192
1994	1,640,619	1,588,779	23,864	509,817	1,940	382,816	105,614	19,447
1995	1,777,496	1,750,642	24,041	607,344	1,614	462,851	123,726	19,153
1996	1,781,375	1,727,366	27,402	632,443	1,392	497,342	117,828	15,881
1997	2,016,446	1,895,357	26,494	764,052	1,323	622,456	124,374	15,899
1998	2,226,491	2,103,919	22,515	875,181	2,019	712,172	144,111	16,879
1999	2,171,372	2,124,744	26,355	930,433	1,531	744,556	170,328	14,018
2000	2,212,350	2,267,328	15,906	1,136,969	1,346	969,294	153,817	12,512
2001	1,682,154	1,781,752	17,736	776,154	955	627,025	139,251	8,923
2002	1,644,168	1,728,279	15,883	732,509	566	587,430	135,495	9,018

Source: See Table 3-1.

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

Period	Gross Fixed Capital Formation				Increase in Inventory			
	Transportation & Communications	Trade & Eating-Drinking Places	Producers of Government Services	Others	Total	Production Industries	Trade & Eating-Drinking Places	Others
I. Amount (NT\$ million)								
1952	199	201	345	244	703	466	225	12
1955	157	240	550	521	597	385	161	51
1960	1,539	385	1,438	1,627	2,257	1,444	171	642
1965	2,447	1,050	2,410	2,701	6,456	3,812	2,557	87
1970	7,169	1,852	6,591	6,693	8,832	6,964	1,201	667
1975	17,135	4,740	25,419	23,810	-4,265	-9,866	5,431	170
1976	21,108	5,374	34,954	28,282	20,507	12,050	7,890	567
1977	27,569	6,192	43,555	36,585	20,360	13,013	5,655	1,692
1978	39,112	9,364	43,277	48,927	24,074	14,476	8,444	1,154
1979	46,295	14,099	51,994	61,910	57,463	55,076	2,259	128
1980	58,065	20,751	68,652	82,400	47,465	35,056	12,625	-216
1981	53,524	21,288	79,086	96,113	35,790	22,645	12,828	317
1982	59,012	23,341	83,603	94,252	-11,699	-5,846	-3,079	-2,774
1983	60,294	22,880	78,417	93,519	14,431	12,962	1,105	364
1984	50,018	23,516	83,320	107,322	23,090	23,331	-278	37
1985	50,850	21,796	89,470	105,915	5,018	4,334	-58	742
1986	45,697	23,878	98,412	104,402	-16,805	-17,567	2,011	-1,249
1987	58,963	33,259	112,501	130,722	44,336	37,002	5,505	1,829
1988	68,127	42,040	144,468	161,065	100,236	86,980	12,844	412
1989	82,991	44,907	184,836	201,694	53,859	34,026	17,920	1,913
1990	100,911	35,255	238,801	209,555	28,539	47,487	-20,977	2,029
1991	123,203	38,469	296,582	215,469	53,815	31,563	20,338	1,914
1992	146,284	55,681	350,403	291,916	73,831	35,640	34,058	4,133
1993	140,059	63,781	426,825	383,665	60,018	943	58,976	99
1994	122,097	75,040	473,307	384,654	51,840	26,551	22,857	2,432
1995	119,094	86,412	496,998	416,753	26,854	22,495	2,362	1,997
1996	113,978	84,700	488,593	380,250	54,009	44,470	5,605	3,934
1997	142,612	93,352	494,993	373,854	121,089	96,215	22,193	2,681
1998	214,027	88,720	503,350	400,126	122,572	107,132	11,192	4,248
1999	191,388	71,832	520,713	384,023	46,628	83,195	-31,192	-5,375
2000	196,558	83,538	491,710	342,647	-54,978	-27,148	-34,428	6,598
2001	196,150	64,410	460,576	266,726	-99,598	-75,893	-25,998	2,293
2002	251,623	55,818	402,733	269,713	-84,111	-88,863	10,257	-5,505

3-12c. Composition of Gross Capital Formation by Industry (Continued)

Period	Gross Fixed Capital Formation						
	Total	Agriculture	Industry				
			Subtotal	Mining	Manufacturing	Electricity, Gas & Water	Construction
II. Percentage (%)							
1952	100.0	20.5	28.6	1.6	19.5	7.1	0.4
1955	100.0	18.1	38.7	0.8	20.5	17.0	0.4
1960	100.0	15.0	36.8	2.1	23.5	10.9	0.3
1965	100.0	14.6	40.3	0.7	29.8	9.3	0.5
1970	100.0	6.7	47.8	0.7	36.1	9.5	1.6
1975	100.0	3.6	57.6	1.6	39.0	14.1	2.9
1976	100.0	4.3	49.9	0.8	36.5	10.7	1.9
1977	100.0	4.2	42.2	0.7	29.3	10.6	1.6
1978	100.0	4.6	40.4	0.8	23.6	14.3	1.6
1979	100.0	4.4	43.7	0.9	27.0	14.3	1.6
1980	100.0	3.0	46.6	0.5	29.0	15.2	2.0
1981	100.0	3.0	46.4	0.4	29.4	14.4	2.2
1982	100.0	2.5	44.5	0.4	24.9	17.3	1.8
1983	100.0	2.7	44.0	0.3	24.6	17.3	1.9
1984	100.0	2.6	44.2	0.2	30.0	12.5	1.5
1985	100.0	2.7	39.8	0.3	27.2	10.9	1.5
1986	100.0	3.3	44.0	0.7	33.9	8.0	1.5
1987	100.0	3.0	43.1	0.4	33.3	8.0	1.4
1988	100.0	3.5	39.8	0.2	31.3	7.0	1.3
1989	100.0	3.4	37.5	0.2	27.7	8.3	1.3
1990	100.0	2.5	37.0	0.1	25.7	9.8	1.4
1991	100.0	2.2	34.6	0.2	25.0	8.2	1.3
1992	100.0	1.8	32.7	0.1	23.9	7.2	1.4
1993	100.0	1.5	30.4	0.2	21.7	7.1	1.4
1994	100.0	1.5	32.1	0.1	24.1	6.6	1.2
1995	100.0	1.4	34.7	0.1	26.4	7.1	1.1
1996	100.0	1.6	36.6	0.1	28.8	6.8	0.9
1997	100.0	1.4	40.3	0.1	32.8	6.6	0.8
1998	100.0	1.1	41.6	0.1	33.8	6.8	0.8
1999	100.0	1.2	43.8	0.1	35.0	8.0	0.7
2000	100.0	0.7	50.1	0.1	42.8	6.8	0.6
2001	100.0	1.0	43.6	0.1	35.2	7.8	0.5
2002	100.0	0.9	42.4	0.0	34.0	7.8	0.5

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

Period	Gross Fixed Capital Formation				Increase in Inventory				
	Transportation & Communications	Trade & Eating-Drinking Places	Producers of Government Services	Others	Total	Production Industries	Trade & Eating-Drinking Places	Others	
II. Percentage (%)									
1952	10.3	10.4	17.8	12.6	100.0	66.3	32.0	1.7	
1955	4.6	7.1	16.2	15.3	100.0	64.5	27.0	8.5	
1960	14.9	3.7	13.9	15.7	100.0	64.0	7.6	28.4	
1965	12.8	5.5	12.6	14.1	100.0	59.0	39.6	1.3	
1970	14.6	3.8	13.4	13.6	100.0	78.8	13.6	7.6	
1975	9.3	2.6	13.9	13.0	...	...	...	...	
1976	10.8	2.7	17.9	14.4	100.0	58.8	38.5	2.8	
1977	13.0	2.9	20.5	17.2	100.0	63.9	27.8	8.3	
1978	15.3	3.7	16.9	19.1	100.0	60.1	35.1	4.8	
1979	13.8	4.2	15.5	18.4	100.0	95.8	3.9	0.2	
1980	12.7	4.5	15.0	18.1	100.0	73.9	26.6	-0.5	
1981	10.8	4.3	16.0	19.5	100.0	63.3	35.8	0.9	
1982	12.0	4.8	17.0	19.2	...	...	...	...	
1983	12.6	4.8	16.4	19.5	100.0	89.8	7.7	2.5	
1984	10.1	4.7	16.8	21.6	100.0	101.0	-1.2	0.2	
1985	10.9	4.7	19.2	22.7	100.0	86.4	-1.2	14.8	
1986	8.8	4.6	19.0	20.2	...	...	...	...	
1987	9.5	5.3	18.1	21.0	100.0	83.5	12.4	4.1	
1988	9.3	5.7	19.7	22.0	100.0	86.8	12.8	0.4	
1989	9.5	5.2	21.3	23.2	100.0	63.2	33.3	3.6	
1990	10.5	3.7	24.7	21.7	100.0	166.4	-73.5	7.1	
1991	11.6	3.6	27.8	20.2	100.0	58.7	37.8	3.6	
1992	11.4	4.3	27.2	22.7	100.0	48.3	46.1	5.6	
1993	9.4	4.3	28.7	25.8	100.0	1.6	98.3	0.2	
1994	7.7	4.7	29.8	24.2	100.0	51.2	44.1	4.7	
1995	6.8	4.9	28.4	23.8	100.0	83.8	8.8	7.4	
1996	6.6	4.9	28.3	22.0	100.0	82.3	10.4	7.3	
1997	7.5	4.9	26.1	19.7	100.0	79.5	18.3	2.2	
1998	10.2	4.2	23.9	19.0	100.0	87.4	9.1	3.5	
1999	9.0	3.4	24.5	18.1	100.0	178.4	-66.9	-11.5	
2000	8.7	3.7	21.7	15.1	...	...	...	...	
2001	11.0	3.6	25.8	15.0	...	...	...	...	
2002	14.6	3.2	23.3	15.6	...	...	...	...	

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

Period	Gross Capital Formation	Gross Fixed Capital Formation						Increase in Inventory			
		Residential Building	Non-residential Building	Other Construction	Transport Equipment	Machinery and Other Equipment	Subtotal	Raw Materials	Goods in Process	Finished Goods	
I. Amount (NT\$ million)											
1952	2,643	1,940	178	452	396	198	708	703	234	37	432
1955	3,998	3,401	430	688	700	144	1,425	597	358	-9	248
1960	12,618	10,361	1,414	2,091	2,011	1,020	3,783	2,257	1,449	9	799
1965	25,546	19,090	1,861	3,609	3,244	2,167	8,133	6,456	2,081	863	3,512
1970	57,886	49,054	4,544	7,313	6,975	7,321	22,723	8,832	3,618	1,363	3,851
1975	179,047	183,312	18,676	22,075	34,083	17,325	90,312	-4,265	-6,289	-415	2,439
1976	216,231	195,724	21,385	25,564	39,052	18,459	90,377	20,507	8,778	1,879	9,850
1977	232,950	212,590	29,147	28,386	48,663	19,138	86,194	20,360	4,867	2,710	12,783
1978	279,671	255,597	39,937	37,381	52,218	27,891	97,042	24,074	19,350	2,493	2,231
1979	393,379	335,916	49,419	51,660	60,355	36,544	136,590	57,463	23,423	9,791	24,249
1980	503,911	456,446	64,053	77,544	69,951	44,111	199,042	47,465	11,384	3,383	32,698
1981	529,833	494,043	71,366	83,295	69,035	41,702	226,714	35,790	-1,047	9,290	27,547
1982	479,224	490,923	68,353	81,141	70,899	52,963	214,922	-11,699	-4,332	-1,332	-6,035
1983	492,861	478,430	64,269	79,286	69,588	59,486	203,242	14,431	10,268	3,928	235
1984	519,371	496,281	72,018	80,899	77,698	57,783	203,773	23,090	1,228	4,655	17,207
1985	471,359	466,341	72,152	86,355	78,721	46,316	178,104	5,018	-12,317	6,215	11,120
1986	500,656	517,461	68,993	94,136	87,298	42,284	217,173	-16,805	-9,859	9,713	-16,659
1987	666,934	622,598	87,022	112,385	93,261	54,641	267,352	44,336	12,372	13,523	18,441
1988	833,925	733,689	103,669	135,587	110,870	69,114	304,225	100,236	42,979	14,798	42,459
1989	923,423	869,564	121,225	150,477	141,013	87,005	360,393	53,859	30,441	8,057	15,361
1990	994,119	965,580	113,624	154,967	192,609	85,605	409,173	28,539	44,674	-145	-15,990
1991	1,120,419	1,066,604	115,210	178,942	237,652	95,592	428,463	53,815	22,419	13,033	18,363
1992	1,362,411	1,288,580	171,703	207,353	275,129	125,970	491,488	73,831	4,632	23,976	45,223
1993	1,549,608	1,489,590	250,852	222,486	341,895	128,860	523,910	60,018	1,400	5,371	53,247
1994	1,640,619	1,588,779	237,929	247,583	375,363	119,880	591,958	51,840	8,439	20,377	23,024
1995	1,777,496	1,750,642	226,899	294,116	389,564	126,756	699,427	26,854	7,244	15,407	4,203
1996	1,781,375	1,727,366	184,791	292,515	391,857	106,288	731,706	54,009	7,528	10,508	35,973
1997	2,016,446	1,895,357	167,260	318,404	409,554	142,863	836,043	121,089	48,156	6,546	66,387
1998	2,226,491	2,103,919	155,461	346,563	437,701	172,537	970,909	122,572	50,277	29,757	42,538
1999	2,171,372	2,124,744	154,835	304,876	429,504	129,423	1,079,938	46,628	57,250	14,693	-25,315
2000	2,212,350	2,267,328	132,070	295,561	431,651	133,445	1,274,601	-54,978	-3,064	-1,847	-50,067
2001	1,682,154	1,781,752	113,165	220,590	400,140	146,073	901,784	-99,598	-20,664	-9,299	-69,635
2002	1,644,168	1,728,279	119,171	193,649	421,149	124,579	869,731	-84,111	-48,465	-21,441	-14,205

Source: See Table 3-1.

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

Period	Gross Fixed Capital Formation					Increase in Inventory				
	Residential Building	Non-residential Building	Other Construction	Transport Equipment	Machinery and Other Equipment	Subtotal	Raw Materials	Goods in Process	Finished Goods	
II. Percentage (%)										
1952	100.0	9.2	23.3	20.4	10.2	36.5	100.0	33.3	5.3	61.5
1955	100.0	12.6	20.2	20.6	4.2	41.9	100.0	60.0	-1.5	41.5
1960	100.0	13.6	20.2	19.4	9.8	36.5	100.0	64.2	0.4	35.4
1965	100.0	9.7	18.9	17.0	11.4	42.6	100.0	32.2	13.4	54.4
1970	100.0	9.3	14.9	14.2	14.9	46.3	100.0	41.0	15.4	43.6
1975	100.0	10.2	12.0	18.6	9.5	49.3	...	...	...	...
1976	100.0	10.9	13.1	20.0	9.4	46.2	100.0	42.8	9.2	48.0
1977	100.0	13.7	13.4	22.9	9.0	40.5	100.0	23.9	13.3	62.8
1978	100.0	15.6	14.6	20.4	10.9	38.0	100.0	80.4	10.4	9.3
1979	100.0	14.7	15.4	18.0	10.9	40.7	100.0	40.8	17.0	42.2
1980	100.0	14.0	17.0	15.3	9.7	43.6	100.0	24.0	7.1	68.9
1981	100.0	14.4	16.9	14.0	8.4	45.9	100.0	-2.9	26.0	77.0
1982	100.0	13.9	16.5	14.4	10.8	43.8	...	...	...	...
1983	100.0	13.4	16.6	14.5	12.4	42.5	100.0	71.2	27.2	1.6
1984	100.0	14.5	16.3	15.7	11.6	41.1	100.0	5.3	20.2	74.5
1985	100.0	15.5	18.5	16.9	9.9	38.2	100.0	-245.5	123.9	221.6
1986	100.0	13.3	18.2	16.9	8.2	42.0	...	...	...	...
1987	100.0	14.0	18.1	15.0	8.8	42.9	100.0	27.9	30.5	41.6
1988	100.0	14.1	18.5	15.1	9.4	41.5	100.0	42.9	14.8	42.4
1989	100.0	13.9	17.3	16.2	10.0	41.4	100.0	56.5	15.0	28.5
1990	100.0	11.8	16.0	19.9	8.9	42.4	100.0	156.5	-0.5	-56.0
1991	100.0	10.8	16.8	22.3	9.0	40.2	100.0	41.7	24.2	34.1
1992	100.0	13.3	16.1	21.4	9.8	38.1	100.0	6.3	32.5	61.3
1993	100.0	16.8	14.9	23.0	8.7	35.2	100.0	2.3	8.9	88.7
1994	100.0	15.0	15.6	23.6	7.5	37.3	100.0	16.3	39.3	44.4
1995	100.0	13.0	16.8	22.3	7.2	40.0	100.0	27.0	57.4	15.7
1996	100.0	10.7	16.9	22.7	6.2	42.4	100.0	13.9	19.5	66.6
1997	100.0	8.8	16.8	21.6	7.5	44.1	100.0	39.8	5.4	54.8
1998	100.0	7.4	16.5	20.8	8.2	46.1	100.0	41.0	24.3	34.7
1999	100.0	7.3	14.3	20.2	6.1	50.8	100.0	122.8	31.5	-54.3
2000	100.0	5.8	13.0	19.0	5.9	56.2	...	...	...	...
2001	100.0	6.4	12.4	22.5	8.2	50.6	...	...	...	...
2002	100.0	6.9	11.2	24.4	7.2	50.3	...	...	...	...

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
		Total	Provision for Capital Consumption			Net National Savings (1)				
			Government	Public Enterprises	Private Sector	Government	Public Enterprises	Private Sector		
<b>I. Amount (NT\$ million)</b>										
1952	2,643	2,639	85	292	535	854	64	809	-	4
1955	3,998	4,364	143	448	1,056	1,372	231	1,114	-	-366
1960	12,618	11,100	337	1,379	2,658	2,155	1,155	3,416	-	1,518
1965	25,546	23,294	538	2,218	4,833	2,407	1,929	11,369	-	2,252
1970	57,886	57,917	1,110	4,669	10,629	6,965	5,770	28,774	-	-31
1975	179,047	156,685	4,143	11,292	29,861	37,195	12,404	61,790	-	22,362
1976	216,231	227,250	4,991	14,936	36,810	53,116	16,797	100,600	-	-11,019
1977	232,950	268,408	6,171	17,908	44,547	57,651	17,728	124,403	-	-35,458
1978	279,671	340,220	7,293	22,446	54,764	77,778	20,658	157,281	-	-60,549
1979	393,379	399,307	9,034	27,282	64,761	103,128	23,536	171,566	-	-5,928
1980	503,911	480,628	11,036	31,154	78,189	106,676	41,727	211,846	-	23,283
1981	529,833	553,005	11,289	41,998	96,057	105,590	41,029	257,042	-	-23,172
1982	479,224	571,055	12,544	50,174	104,814	84,406	46,312	272,805	-	-91,831
1983	492,861	675,850	13,666	56,700	115,784	104,452	56,838	328,410	-	-182,989
1984	519,371	800,487	14,549	65,549	127,216	121,297	77,391	394,485	-	-281,116
1985	471,359	844,192	15,985	79,009	137,667	115,090	60,129	436,312	-	-372,833
1986	500,656	1,125,196	17,172	81,589	155,896	109,711	61,863	698,965	-	-624,540
1987	666,934	1,272,167	19,552	86,768	179,381	181,870	54,937	749,659	-	-605,233
1988	833,925	1,245,194	21,143	90,309	200,267	232,858	61,501	639,116	-	-411,269
1989	923,423	1,253,045	23,473	94,991	224,348	282,029	48,938	579,266	-	-329,622
1990	994,119	1,293,941	26,354	100,883	252,118	236,303	42,231	636,052	-	-299,822
1991	1,120,419	1,448,830	29,959	118,352	286,823	124,107	66,472	823,117	-	-328,411
1992	1,362,411	1,582,593	34,539	135,033	306,134	246,887	71,007	788,993	-9,900	-210,282
1993	1,549,608	1,737,603	39,717	143,586	340,860	259,159	79,549	874,732	-8,658	-179,337
1994	1,640,619	1,815,018	46,019	151,451	353,547	291,165	95,339	877,497	-9,097	-165,302
1995	1,777,496	1,927,812	53,190	147,307	392,591	206,326	157,728	970,670	-17,538	-132,778
1996	1,781,375	2,081,725	60,909	149,474	434,829	88,742	137,719	1,210,052	-17,939	-282,411
1997	2,016,446	2,221,103	69,341	155,937	478,126	162,058	109,174	1,246,467	-9,091	-195,566
1998	2,226,491	2,341,582	78,181	159,656	510,862	172,753	65,517	1,354,613	-6,141	-108,950
1999	2,171,372	2,442,411	88,020	159,012	557,112	25,612	62,699	1,549,956	-5,593	-265,446
2000	2,212,350	2,493,604	98,876	160,138	619,468	34,436	40,936	1,539,750	-9,065	-272,189
2001	1,682,154	2,322,760	108,768	162,829	661,256	-183,691	47,440	1,526,158	-4,143	-635,070
2002	1,644,168	2,534,708	115,420	168,048	714,480	-108,626	46,281	1,599,105	-3,325	-885,726

(1) Including U.S. aid up to year-end 1968. U.S. aid terminated in June 1965, but what was already committed and in the pipeline continued arriving until the end of 1968.

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
		Total	Provision for Capital Consumption			Net National Savings				
			Government	Public Enterprises	Private Sector	Government	Public Enterprises	Private Sector		
II. Percentage (%)										
1952	100.0	99.8	3.2	11.0	20.2	32.3	2.4	30.6	-	0.2
1955	100.0	109.2	3.6	11.2	26.4	34.3	5.8	27.9	-	-9.2
1960	100.0	88.0	2.7	10.9	21.1	17.1	9.2	27.1	-	12.0
1965	100.0	91.2	2.1	8.7	18.9	9.4	7.6	44.5	-	8.8
1970	100.0	100.1	1.9	8.1	18.4	12.0	10.0	49.7	-	-0.1
1975	100.0	87.5	2.3	6.3	16.7	20.8	6.9	34.5	-	12.5
1976	100.0	105.1	2.3	6.9	17.0	24.6	7.8	46.5	-	-5.1
1977	100.0	115.2	2.6	7.7	19.1	24.7	7.6	53.4	-	-15.2
1978	100.0	121.7	2.6	8.0	19.6	27.8	7.4	56.2	-	-21.7
1979	100.0	101.5	2.3	6.9	16.5	26.2	6.0	43.6	-	-1.5
1980	100.0	95.4	2.2	6.2	15.5	21.2	8.3	42.0	-	4.6
1981	100.0	104.4	2.1	7.9	18.1	19.9	7.7	48.5	-	-4.4
1982	100.0	119.2	2.6	10.5	21.9	17.6	9.7	56.9	-	-19.2
1983	100.0	137.1	2.8	11.5	23.5	21.2	11.5	66.6	-	-37.1
1984	100.0	154.1	2.8	12.6	24.5	23.4	14.9	76.0	-	-54.1
1985	100.0	179.1	3.4	16.8	29.2	24.4	12.8	92.6	-	-79.1
1986	100.0	224.7	3.4	16.3	31.1	21.9	12.4	139.6	-	-124.7
1987	100.0	190.7	2.9	13.0	26.9	27.3	8.2	112.4	-	-90.7
1988	100.0	149.3	2.5	10.8	24.0	27.9	7.4	76.6	-	-49.3
1989	100.0	135.7	2.5	10.3	24.3	30.5	5.3	62.7	-	-35.7
1990	100.0	130.2	2.7	10.1	25.4	23.8	4.2	64.0	-	-30.2
1991	100.0	129.3	2.7	10.6	25.6	11.1	5.9	73.5	-	-29.3
1992	100.0	116.2	2.5	9.9	22.5	18.1	5.2	57.9	-0.7	-15.4
1993	100.0	112.1	2.6	9.3	22.0	16.7	5.1	56.4	-0.6	-11.6
1994	100.0	110.6	2.8	9.2	21.5	17.7	5.8	53.5	-0.6	-10.1
1995	100.0	108.5	3.0	8.3	22.1	11.6	8.9	54.6	-1.0	-7.5
1996	100.0	116.9	3.4	8.4	24.4	5.0	7.7	67.9	-1.0	-15.9
1997	100.0	110.1	3.4	7.7	23.7	8.0	5.4	61.8	-0.5	-9.7
1998	100.0	105.2	3.5	7.2	22.9	7.8	2.9	60.8	-0.3	-4.9
1999	100.0	112.5	4.1	7.3	25.7	1.2	2.9	71.4	-0.3	-12.2
2000	100.0	112.7	4.5	7.2	28.0	1.6	1.9	69.6	-0.4	-12.3
2001	100.0	138.1	6.5	9.7	39.3	-10.9	2.8	90.7	-0.2	-37.8
2002	100.0	154.2	7.0	10.2	43.5	-6.6	2.8	97.3	-0.2	-53.9

## 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	1,727	14,508	11.9	2,639	17,247	15.3
1955	2,717	24,332	11.2	4,364	29,978	14.6
1960	6,726	50,129	13.4	11,100	62,480	17.8
1965	15,705	89,903	17.5	23,294	112,433	20.7
1970	41,509	174,887	23.7	57,917	226,393	25.6
1975	111,389	451,582	24.7	156,685	586,307	26.7
1976	170,513	539,493	31.6	227,250	702,694	32.3
1977	199,782	632,395	31.6	268,408	823,871	32.6
1978	255,717	753,280	33.9	340,220	989,271	34.4
1979	298,230	906,442	32.9	399,307	1,196,238	33.4
1980	360,249	1,146,147	31.4	480,628	1,488,953	32.3
1981	403,661	1,376,672	29.3	553,005	1,764,278	31.3
1982	403,523	1,498,078	26.9	571,055	1,899,289	30.1
1983	489,700	1,650,574	29.7	675,850	2,103,261	32.1
1984	593,173	1,878,616	31.6	800,487	2,368,478	33.8
1985	611,531	2,005,778	30.5	844,192	2,515,049	33.6
1986	870,539	2,379,913	36.6	1,125,196	2,925,772	38.5
1987	986,466	2,684,450	36.7	1,272,167	3,303,031	38.5
1988	933,475	2,929,291	31.9	1,245,194	3,611,536	34.5
1989	910,233	3,267,849	27.9	1,253,045	4,029,254	31.1
1990	914,586	3,584,709	25.5	1,293,941	4,411,995	29.3
1991	1,013,696	3,999,937	25.3	1,448,830	4,927,801	29.4
1992	1,106,887	4,420,719	25.0	1,582,593	5,459,814	29.0
1993	1,213,440	4,887,648	24.8	1,737,603	6,032,180	28.8
1994	1,264,001	5,347,926	23.6	1,815,018	6,571,009	27.6
1995	1,334,724	5,824,846	22.9	1,927,812	7,129,131	27.0
1996	1,436,513	6,455,865	22.3	2,081,725	7,787,626	26.7
1997	1,517,699	6,993,617	21.7	2,221,103	8,417,392	26.4
1998	1,592,883	7,536,177	21.1	2,341,582	9,006,625	26.0
1999	1,638,267	7,879,151	20.8	2,442,411	9,375,841	26.1
2000	1,615,122	8,243,408	19.6	2,493,604	9,803,348	25.4
2001	1,389,907	8,141,890	17.1	2,322,760	9,698,047	24.0
2002	1,536,760	8,340,586	18.4	2,534,708	10,003,041	25.3
2003	1,624,981	8,505,840	19.1	2,643,435	10,181,422	26.0

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

Source: See Table 3-1.

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

Unit: NTS million

Item	1952	1960	1975	1980	1985	1990	1992	1993	1994
A. Gross national product	17,247	62,480	586,307	1,488,953	2,515,049	4,411,995	5,459,814	6,032,180	6,571,009
Less: Provisions for consumption of fixed capital	912	4,374	45,296	120,379	232,661	379,355	475,706	524,163	551,017
Indirect taxes	1,957	8,027	89,805	223,667	286,281	453,479	572,545	631,177	684,050
Plus: Subsidies	130	50	376	1,240	9,671	5,548	9,156	10,808	11,984
B. National income (at factor cost)	14,508	50,129	451,582	1,146,147	2,005,778	3,584,709	4,420,719	4,887,648	5,347,926
Less: Savings of public enterprises	64	1,155	12,404	41,727	60,129	42,231	71,007	79,549	95,339
Savings of private business	471	421	-2,966	40,940	26,500	31,108	131,483	158,033	132,453
Business profit tax	269	835	10,533	29,985	49,705	152,424	133,130	138,313	151,213
Gov't income from property and enterprises	354	1,561	15,691	37,143	96,161	107,647	97,273	92,154	77,364
Private transfers from enterprises					19,141	9,768	23,428	13,879	16,904
Compulsory fees, fines and penalties					6,899	2,930	8,168	3,455	3,671
Plus: Current transfers from residents	64	217	1,432	3,694	35,632	67,226	132,764	125,911	202,229
Current transfers from the rest of the world	38	233	1,255	2,508	4,770	44,207	55,365	48,386	57,351
C. Household (personal) income	13,452	46,607	418,607	1,002,554	1,787,645	3,350,034	4,144,359	4,576,562	5,130,562
Less: Current transfers to the rest of the world	11	32	742	5,792	14,489	63,837	49,704	69,033	96,902
Current transfers to residents	176	346	3,501	12,330	31,372	56,290	86,526	92,293	118,805
Direct taxes	199	675	12,762	45,784	70,392	266,279	362,700	350,790	396,277
D. Household disposable income	13,066	45,554	401,602	938,648	1,671,392	2,963,628	3,645,429	4,064,446	4,518,578
Less: Consumption expenditure	12,728	42,559	336,846	767,742	1,261,580	2,358,684	2,987,919	3,347,747	3,773,534
Savings	338	2,995	64,756	170,906	409,812	604,944	657,510	716,699	745,044

Source: See Table 3-1.

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

Unit: NT\$ million

Item	1995	1996	1997	1998	1999	2000	2001	2002
A. Gross national product	7,129,131	7,787,626	8,417,392	9,006,625	9,375,841	9,803,348	9,698,047	10,003,041
Less: Provisions for consumption of fixed capital	593,088	645,212	703,404	748,699	804,144	878,482	932,853	997,948
Indirect taxes	724,289	707,519	746,017	766,430	726,810	727,193	683,302	715,190
Plus: Subsidies	13,092	20,970	25,646	44,681	34,264	45,735	59,998	50,683
B. National income (at factor cost)	5,824,846	6,455,865	6,993,617	7,536,177	7,879,151	8,243,408	8,141,890	8,340,586
Less: Savings of public enterprises	157,728	137,719	109,174	65,517	62,699	40,936	47,440	46,281
Savings of private business	111,912	156,604	214,629	270,115	379,815	391,606	391,084	476,375
Business profit tax	175,079	161,053	175,459	212,668	207,452	231,931	247,781	184,439
Gov't income from property and enterprises	53,495	102,303	129,296	217,502	96,624	84,810	28,548	87,219
Private transfers from enterprises	29,185	34,260	9,748	26,256	56,174	60,321	65,008	203,606
Compulsory fees, fines and penalties	3,743	4,072	4,444	10,993	12,631	15,005	17,212	17,688
Plus: Current transfers from residents	256,479	314,551	319,444	370,083	434,534	401,647	449,838	592,183
Current transfers from the rest of the world	61,250	67,843	81,274	94,922	97,371	95,609	84,792	88,033
C. Household (personal) income	5,611,433	6,242,248	6,751,585	7,198,131	7,595,661	7,916,055	7,879,447	8,005,194
Less: Current transfers to the rest of the world	137,229	135,249	144,614	147,931	169,231	180,162	178,959	175,213
Current transfers to residents	125,033	137,740	139,834	183,638	172,627	162,197	152,704	187,886
Direct taxes	365,675	375,891	499,215	447,921	442,349	444,278	370,082	369,858
D. Household disposable income	4,983,496	5,593,368	5,967,922	6,418,641	6,811,454	7,129,418	7,177,702	7,272,237
Less: Consumption expenditure	4,124,738	4,539,920	4,936,084	5,334,143	5,641,313	5,981,274	6,042,628	6,149,507
Savings	858,758	1,053,448	1,031,838	1,084,498	1,170,141	1,148,144	1,135,074	1,122,730

## 3-17. Household Propensity to Consume and to Save

Amount unit: NT\$ million

Period	Household Disposable Income (A)	Household Consumption (B)	Household Savings (C)	Average Propensity to Consume (B)/(A)	Average Propensity to Save (C)/(A)	Annual Increase in			Marginal Propensity to Consume (E)/(D)	Marginal Propensity to Save (F)/(D)
						Disposable Income (D)	Consumption (E)	Savings (F)		
1952	13,066	12,728	338	0.97	0.03	3,615	3,800	-185	1.05	-0.05
1955	22,438	21,623	815	0.96	0.04	3,240	2,959	281	0.91	0.09
1960	45,554	42,559	2,995	0.93	0.07	8,174	6,921	1,253	0.85	0.15
1965	80,672	71,452	9,220	0.89	0.11	6,377	7,137	-760	1.12	-0.12
1970	152,646	127,636	25,010	0.84	0.16	24,667	13,775	10,892	0.56	0.44
1975	401,602	336,846	64,756	0.84	0.16	27,771	37,500	-9,729	1.35	-0.35
1976	451,205	368,690	82,515	0.82	0.18	49,603	31,844	17,759	0.64	0.36
1977	536,084	426,802	109,282	0.80	0.20	84,879	58,112	26,767	0.68	0.32
1978	630,578	497,649	132,929	0.79	0.21	94,494	70,847	23,647	0.75	0.25
1979	758,915	604,473	154,442	0.80	0.20	128,337	106,824	21,513	0.83	0.17
1980	938,648	767,742	170,906	0.82	0.18	179,733	163,269	16,464	0.91	0.09
1981	1,162,404	922,154	240,250	0.79	0.21	223,756	154,412	69,344	0.69	0.31
1982	1,263,974	1,002,305	261,669	0.79	0.21	101,570	80,151	21,419	0.79	0.21
1983	1,389,227	1,085,429	303,798	0.78	0.22	125,253	83,124	42,129	0.66	0.34
1984	1,554,052	1,189,459	364,593	0.77	0.23	164,825	104,030	60,795	0.63	0.37
1985	1,671,392	1,261,580	409,812	0.75	0.25	117,340	72,121	45,219	0.61	0.39
1986	1,933,910	1,366,466	567,444	0.71	0.29	262,518	104,886	157,632	0.40	0.60
1987	2,186,497	1,542,478	644,019	0.71	0.29	252,587	176,012	76,575	0.70	0.30
1988	2,360,854	1,781,435	579,419	0.75	0.25	174,357	238,957	-64,600	1.37	-0.37
1989	2,654,981	2,103,665	551,316	0.79	0.21	294,127	322,230	-28,103	1.10	-0.10
1990	2,963,628	2,358,684	604,944	0.80	0.20	308,647	255,019	53,628	0.83	0.17
1991	3,341,531	2,635,459	706,072	0.79	0.21	377,903	276,775	101,128	0.73	0.27
1992	3,645,429	2,987,919	657,510	0.82	0.18	303,898	352,460	-48,562	1.16	-0.16
1993	4,064,446	3,347,747	716,699	0.82	0.18	419,017	359,828	59,189	0.86	0.14
1994	4,518,578	3,773,534	745,044	0.84	0.16	454,132	425,787	28,345	0.94	0.06
1995	4,983,496	4,124,738	858,758	0.83	0.17	464,918	351,204	113,714	0.76	0.24
1996	5,593,368	4,539,920	1,053,448	0.81	0.19	609,872	415,182	194,690	0.68	0.32
1997	5,967,922	4,936,084	1,031,838	0.83	0.17	374,554	396,164	-21,610	1.06	-0.06
1998	6,418,641	5,334,143	1,084,498	0.83	0.17	450,719	398,059	52,660	0.88	0.12
1999	6,811,454	5,641,313	1,170,141	0.83	0.17	392,813	307,170	85,643	0.78	0.22
2000	7,129,418	5,981,274	1,148,144	0.84	0.16	317,964	339,961	-21,997	1.07	-0.07
2001	7,177,702	6,042,628	1,135,074	0.84	0.16	48,284	61,354	-13,070	1.27	-0.27
2002	7,272,237	6,149,507	1,122,730	0.85	0.15	94,535	106,879	-12,344	1.13	-0.13

Source: See Table 3-1.

3-18. Marginal Capital/Output Ratio

Amount unit: NT\$ million at 1996 prices

Period	Gross Domestic Product		Capital Formation (1)		Marginal Capital/Output Ratio	
	Amount	Annual Increase	Gross Capital Formation	Gross Fixed Capital Formation	Gross Capital Formation	Gross Fixed Capital Formation
	(A)	(B)	(C)	(D)	(C)/(B)	(D)/(B)
1952	210,055	22,464	14,777	12,126	0.66	0.54
1955	271,957	20,391	24,583	21,644	1.21	1.06
1960	376,188	22,323	33,547	30,152	1.50	1.35
1965	591,569	59,269	61,405	51,792	1.04	0.87
1970	944,878	96,470	142,050	130,964	1.47	1.36
1975	1,447,748	68,001	354,562	269,645	5.21	3.97
1976	1,648,416	200,668	321,529	327,647	1.60	1.63
1977	1,816,383	167,967	371,358	341,557	2.21	2.03
1978	2,063,299	246,916	391,279	363,090	1.58	1.47
1979	2,231,953	168,654	450,088	416,504	2.67	2.47
1980	2,394,914	162,961	539,021	469,977	3.31	2.88
1981	2,542,505	147,591	585,435	538,400	3.97	3.65
1982	2,632,796	90,291	592,044	559,665	6.56	6.20
1983	2,855,186	222,390	549,750	561,091	2.47	2.52
1984	3,157,823	302,637	564,463	551,375	1.87	1.82
1985	3,314,214	156,391	598,152	576,972	3.82	3.69
1986	3,699,889	385,675	553,761	549,803	1.44	1.43
1987	4,171,439	471,550	588,887	606,199	1.25	1.29
1988	4,498,496	327,057	766,222	719,227	2.34	2.20
1989	4,868,833	370,337	929,451	824,087	2.51	2.23
1990	5,131,506	262,673	1,001,757	945,731	3.81	3.60
1991	5,519,140	387,634	1,048,379	1,017,519	2.70	2.62
1992	5,932,383	413,243	1,166,351	1,111,388	2.82	2.69
1993	6,348,468	416,085	1,392,659	1,316,774	3.35	3.16
1994	6,799,720	451,252	1,537,349	1,474,330	3.41	3.27
1995	7,236,536	436,816	1,636,502	1,583,432	3.75	3.62
1996	7,678,126	441,590	1,724,235	1,699,134	3.90	3.85
1997	8,190,783	512,657	1,781,375	1,727,366	3.47	3.37
1998	8,565,134	374,351	2,034,081	1,911,315	5.43	5.11
1999	9,029,704	464,570	2,190,904	2,064,433	4.72	4.44
2000	9,558,698	528,994	2,151,772	2,101,150	4.07	3.97
2001	9,349,923	-208,775	2,227,028	2,282,021	-10.67	-10.93
2002	9,685,551	335,628	1,707,709	1,811,585	5.09	5.40
2003	9,999,787	314,236	1,684,421	1,773,022	5.36	5.64

(1) Figures refer to previous year.

Source: See Table 3-1.

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

Unit: %

Households divided into five groups of equal size	1974	1976	1981	1985	1990	1992	1993	1994
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Lowest fifth	8.84	8.91	8.80	8.37	7.45	7.37	7.13	7.28
2. Second fifth	13.49	13.64	13.76	13.59	13.22	13.24	13.12	12.97
3. Third fifth	16.99	17.48	17.62	17.52	17.51	17.52	17.65	17.41
4. Fourth fifth	22.05	22.71	22.78	22.88	23.22	23.21	23.44	23.18
5. Highest fifth	38.63	37.26	37.04	37.64	38.60	38.66	38.66	39.16
Ratio of highest fifth's Income to lowest fifth's	4.37	4.18	4.21	4.50	5.18	5.24	5.42	5.38

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. *Report on the Survey of Family Income and Expenditure in Taiwan Area, Republic of China, 2002.*

3-20a. Changes in Household Expenditure in Taiwan Area

Unit: %

Item	1974	1976	1981	1985	1990	1992	1993	1994
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Food, beverage and tobacco	49.40	46.38	39.44	38.20	32.33	29.79	27.73	26.05
2. Clothing and footwear	6.15	6.83	6.80	5.89	5.92	6.10	5.65	4.90
3. Rent, fuel and power	20.71	21.45	24.13	23.54	24.62	26.38	25.55	25.65
4. Family furniture and equipment	3.79	3.87	4.58	4.12	4.27	4.20	4.05	4.56
5. Medical care and health expenses	3.92	4.61	4.50	5.26	4.82	5.08	7.82	8.49
6. Transportation and communications	3.99	4.99	6.89	8.30	8.83	8.97	9.82	9.87
7. Education and recreation	6.06	6.38	8.30	9.52	13.34	13.36	13.01	13.48
8. Others	5.98	5.49	5.36	5.17	5.87	6.12	6.37	7.00

Source: See Table 3-19a.

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

Unit: %

Households divided into five groups of equal size	1995	1996	1997	1998	1999	2000	2001	2002
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Lowest fifth	7.30	7.23	7.24	7.12	7.13	7.07	6.43	6.67
2. Second fifth	12.96	13.00	12.91	12.84	12.91	12.82	12.08	12.30
3. Third fifth	17.37	17.50	17.46	17.53	17.51	17.47	17.04	16.99
4. Fourth fifth	23.38	23.38	23.25	23.24	23.21	23.41	23.33	22.95
5. Highest fifth	38.99	38.89	39.14	39.26	39.24	39.23	41.11	41.09
Ratio of highest fifth's Income to lowest fifth's	5.34	5.38	5.41	5.51	5.50	5.55	6.39	6.16

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

Unit: %

Item	1995	1996	1997	1998	1999	2000	2001	2002
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
1. Food, beverage and tobacco	25.50	26.08	25.74	25.77	25.15	24.21	24.34	24.05
2. Clothing and footwear	4.60	4.49	4.50	4.48	4.08	3.83	3.64	3.56
3. Rent, fuel and power	24.91	25.30	25.10	25.24	24.91	25.15	24.60	23.71
4. Family furniture and equipment	4.57	4.58	4.38	4.17	4.03	3.96	3.91	3.71
5. Medical care and health expenses	10.37	9.84	9.98	10.32	10.97	11.09	11.53	12.28
6. Transportation and communications	10.00	10.17	10.42	10.60	11.11	11.37	11.69	12.23
7. Education and recreation	13.12	12.97	13.11	12.81	12.96	13.51	13.32	13.52
8. Others	6.93	6.57	6.77	6.61	6.80	6.88	6.97	6.94



## **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	343	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
1976	920	521	362	159	399	1,606	174.6
1977	923	521	362	159	402	1,566	169.7
1978	918	517	369	148	401	1,549	168.7
1979	915	515	369	147	400	1,494	163.3
1980	907	509	361	149	398	1,400	154.4
1981	900	503	354	149	397	1,398	155.3
1982	891	502	363	138	389	1,380	154.9
1983	894	501	353	148	393	1,334	149.2
1984	892	497	348	149	395	1,285	144.1
1985	888	495	346	148	393	1,257	141.6
1986	887	495	346	148	393	1,267	142.8
1987	886	488	345	143	399	1,261	142.3
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

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

4-2. Agricultural Population by Owner and Tenant

Unit: 1,000 persons

End of Year	Agricultural Population		Cultivating Farm Household						
	Population	% of Total Population	Full Owner	Part Owner	Tenant	Percentage (%)			
						Full Owner	Part Owner	Tenant	
1952	-	-	4,257	1,598	1,113	1,546	38	26	36
1955	-	-	4,603	2,708	1,084	811	59	23	18
1960	-	-	5,373	3,463	1,157	753	64	22	14
1965	-	-	5,739	3,837	1,179	723	67	20	13
1970	-	-	5,997	4,642	737	618	77	13	10
1975	5,785	35.8	5,598	4,572	540	486	82	9	9
1976	5,757	34.9	5,563	4,568	525	470	82	9	9
1977	5,727	34.1	5,572	4,568	511	493	82	9	9
1978	5,765	33.6	5,638	4,668	492	478	83	9	8
1979	5,744	32.9	5,639	4,776	428	435	85	7	8
1980	5,389	30.3	5,288	4,353	556	379	82	11	7
1981	5,101	28.1	4,964	4,189	436	339	84	9	7
1982	4,980	27.0	4,876	4,218	348	310	87	7	6
1983	4,318	23.0	4,283	3,569	459	255	83	11	6
1984	4,277	22.5	4,250	3,469	508	273	82	12	6
1985	4,685	24.3	4,146	3,384	496	266	82	12	6
1986	4,292	22.1	4,249	3,534	494	221	83	12	5
1987	4,068	20.7	4,025	3,343	468	214	83	12	5
1988	3,819	19.2	3,781	3,218	397	166	85	11	4
1989	3,671	18.3	3,634	3,133	371	130	86	10	4
1990	4,289	21.1	4,262	3,609	371	282	85	9	6
1991	4,200	20.5	4,159	3,379	537	243	81	13	6
1992	4,081	19.7	4,039	3,423	429	187	85	10	5
1993	3,993	19.1	3,947	3,295	464	188	83	12	5
1994	4,007	19.0	3,963	3,287	525	151	83	13	4
1995	3,930	18.5	3,902	3,321	385	196	85	10	5
1996	3,716	17.4	3,688	3,180	340	168	86	9	5
1997	3,721	17.3	3,693	3,190	338	165	86	9	5
1998	3,728	17.0	3,699	3,192	343	165	86	9	5
1999	3,747	17.0	3,724	3,213	343	167	86	9	4
2000	3,669	16.5	3,648	3,060	395	194	84	11	5
2001	3,687	16.5	3,666	3,027	452	187	83	12	5
2002	3,665	16.3	3,643	3,027	437	180	83	12	5

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
1976	919,680	902,503	5,757	1,641	1.02	0.16	0.56
1977	922,778	900,987	5,727	1,597	1.02	0.16	0.58
1978	918,143	908,502	5,765	1,553	1.01	0.16	0.59
1979	915,393	918,152	5,744	1,380	1.00	0.16	0.66
1980	907,353	891,115	5,389	1,277	1.02	0.17	0.71
1981	900,602	847,997	5,101	1,257	1.06	0.18	0.72
1982	890,830	828,751	4,980	1,284	1.07	0.18	0.69
1983	894,326	815,883	4,318	1,317	1.10	0.21	0.68
1984	891,655	803,830	4,277	1,286	1.11	0.21	0.69
1985	887,660	779,897	4,685	1,297	1.14	0.19	0.68
1986	887,451	769,366	4,292	1,317	1.15	0.21	0.67
1987	886,281	756,745	4,068	1,226	1.17	0.22	0.72
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	726,575	3,687	706	1.17	0.23	1.20
2002	847,334	724,949	3,665	709	1.17	0.23	1.20
2003	844,097	...	...	696	...	...	1.21

Source: See Table 4-1.

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

Period	Index (2001=100)					Annual Growth Rate (%)				
	General Index	Agri-culture	Forestry	Fisheries	Livestock	General Index	Agri-culture	Forestry	Fisheries	Livestock
1952	22.23	55.20	497.02	8.65	6.31	11.19	9.75	28.56	16.63	7.60
1955	26.39	60.85	517.98	12.89	8.49	2.87	-0.47	1.23	17.67	3.77
1960	32.90	73.40	841.85	17.57	10.88	0.64	1.40	3.17	4.89	-3.64
1965	43.23	94.22	1,267.89	23.90	14.76	6.60	6.62	2.54	2.08	7.40
1970	54.57	105.17	1,231.81	41.09	23.34	6.89	4.45	5.86	8.74	9.84
1975	61.69	110.43	958.95	55.84	26.99	-1.38	-2.98	-9.15	9.65	-5.41
1976	69.50	117.46	1,004.83	60.21	34.19	12.66	6.37	4.78	7.83	26.68
1977	73.33	119.84	784.34	65.00	38.42	5.51	2.03	-21.94	7.95	12.37
1978	73.55	114.25	799.19	68.64	40.38	0.30	-4.67	1.89	5.61	5.09
1979	79.35	118.52	753.58	75.65	45.66	7.88	3.74	-5.71	10.21	13.08
1980	80.20	115.97	678.14	76.78	48.36	1.07	-2.16	-10.01	1.49	5.91
1981	79.12	113.14	704.56	73.81	49.25	-1.35	-2.43	3.90	-3.87	1.84
1982	80.53	114.13	644.82	75.33	51.16	1.79	0.87	-8.48	2.06	3.88
1983	83.78	110.72	762.25	77.47	58.61	4.03	-2.98	18.21	2.84	14.57
1984	86.38	111.46	658.82	82.15	62.02	3.11	0.67	-13.57	6.04	5.81
1985	89.02	112.31	593.10	85.67	66.25	3.05	0.76	-9.98	4.28	6.82
1986	88.73	106.48	657.17	90.84	68.48	-0.32	-5.19	10.80	6.03	3.36
1987	95.81	110.91	609.40	103.14	74.65	7.98	4.16	-7.27	13.54	9.02
1988	97.29	112.43	395.03	107.34	75.29	1.55	1.37	-35.18	4.08	0.86
1989	97.10	111.89	279.04	102.00	78.96	-0.19	-0.48	-29.36	-4.98	4.87
1990	99.27	106.91	238.75	108.36	84.91	2.23	-4.45	-14.44	6.24	7.54
1991	100.69	109.63	223.57	100.24	92.52	1.44	2.55	-6.36	-7.49	8.95
1992	98.32	105.09	134.92	96.71	94.75	-2.36	-4.14	-39.65	-3.53	2.41
1993	104.25	112.25	140.85	102.76	98.88	6.03	6.81	4.39	6.26	4.37
1994	101.06	108.31	106.33	90.62	104.49	-3.06	-3.51	-24.51	-11.81	5.66
1995	104.83	110.48	124.11	94.41	109.73	3.73	2.00	16.72	4.18	5.02
1996	105.00	110.18	102.24	90.00	114.17	0.16	-0.27	-17.62	-4.67	4.04
1997	103.63	111.94	115.00	91.76	105.67	-1.30	1.60	12.48	1.95	-7.44
1998	97.94	102.69	145.66	91.85	97.87	-5.49	-8.27	26.66	0.11	-7.39
1999	99.06	109.65	122.42	89.95	94.31	1.14	6.78	-15.95	-2.08	-3.63
2000	101.24	104.53	120.77	98.34	99.69	2.20	-4.67	-1.34	9.34	5.70
2001	100.00	100.00	100.00	100.00	100.00	-1.22	-4.33	-17.20	1.68	0.31
2002	104.08	105.46	111.56	108.14	98.13	4.08	5.46	11.56	8.14	-1.87
2003	104.24	102.73	102.79	115.79	96.17	0.15	-2.59	-7.86	7.07	-2.00

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.	ha.	1,000 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) 750.7	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
1976	786.3	2,713	3,450	123.7	1,851	14,959	0.5	1,224	2,438
1977	777.6	2,649	3,406	109.0	1,695	15,551	0.6	1,287	2,307
1978	752.3	2,444	3,249	91.7	1,463	15,964	1.2	2,395	2,081
1979	720.6	2,450	3,400	74.3	1,225	16,476	1.0	2,521	2,580
1980	637.4	2,354	3,692	62.3	1,055	16,949	1.1	2,839	2,496
1981	667.1	2,375	3,560	54.4	834	15,314	1.0	2,710	2,658
1982	659.4	2,483	3,765	45.5	741	16,293	1.0	2,314	2,297
1983	645.5	2,485	3,850	36.1	560	15,514	1.2	1,570	1,287
1984	586.7	2,244	3,825	27.8	424	15,269	1.0	2,360	2,321
1985	563.7	2,174	3,856	23.2	369	15,899	1.1	2,125	2,018
1986	531.6	1,974	3,713	21.1	324	15,386	1.1	3,693	3,258
1987	501.5	1,900	3,790	20.7	345	16,630	1.3	4,702	3,651
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

(1) Planted Area.

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
1976	35.5	52,998	1,491	58.8	88,864	1,511	30.0	24,758	825
1977	30.1	51,718	1,717	52.8	77,056	1,459	27.7	26,303	948
1978	24.5	40,824	1,668	57.7	92,183	1,598	27.7	25,854	933
1979	19.3	31,782	1,644	53.9	85,881	1,593	27.3	27,055	993
1980	15.3	25,934	1,692	53.3	86,126	1,617	27.1	24,479	902
1981	10.3	15,883	1,543	50.9	81,713	1,607	26.5	25,223	951
1982	7.8	12,043	1,548	50.6	82,832	1,636	26.0	24,051	925
1983	5.6	8,592	1,536	46.0	62,546	1,361	26.3	24,308	923
1984	5.5	9,546	1,725	51.7	86,994	1,683	26.5	24,365	918
1985	7.1	12,211	1,717	52.9	89,105	1,683	24.3	23,203	954
1986	9.3	14,890	1,605	49.2	77,150	1,569	24.2	23,890	988
1987	9.0	18,043	2,002	64.5	111,700	1,732	22.7	25,578	1,129
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

(1) Planted area.

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

Period	Banana			Pineapple			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
1976	11.2	213,446	19,141	9.7	278,830	29,728	33.7	383,972	11,400
1977	10.5	252,353	23,938	9.4	282,193	29,867	34.3	368,596	10,743
1978	9.6	182,079	18,971	9.0	249,627	27,826	33.5	373,663	11,170
1979	9.9	226,769	22,883	8.1	244,777	30,320	32.8	398,828	12,147
1980	9.3	214,323	23,125	7.4	228,804	31,121	32.7	374,383	11,450
1981	8.8	185,309	21,147	6.5	181,039	27,882	34.0	388,945	11,439
1982	8.7	202,942	23,459	4.9	144,900	29,511	33.3	391,281	11,757
1983	8.8	196,255	22,287	3.8	115,194	29,982	32.4	379,486	11,696
1984	8.6	203,281	23,742	4.1	123,609	29,843	32.7	354,004	10,824
1985	8.3	198,596	23,950	4.7	149,745	32,024	32.9	418,863	12,731
1986	7.5	150,730	20,001	5.3	157,941	29,612	34.0	386,819	11,362
1987	8.6	204,486	23,789	5.7	193,337	33,900	38.3	522,860	13,638
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

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

Period	Sugarcane (2)						
	Harvested Area	Sugarcane Production	Yield Per Ha.	Refined Sugar		Brown Sugar	
	1,000 ha.	1,000 m.t.	kg.	Production	Yield Per Ha.	Production	Yield Per Ha.
				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
1976	109.4	8,728	79,772	778,769	7,443	35,728	7,479
1977	118.8	11,037	92,937	1,069,547	9,420	44,421	8,521
1978	105.6	7,941	75,194	727,404	7,187	29,210	6,645
1979	105.4	9,363	86,560	845,139	8,256	20,016	6,652
1980	107.2	8,851	82,569	829,639	7,911	16,186	6,953
1981	102.5	8,422	82,174	727,716	7,273	16,775	6,883
1982	100.5	8,275	82,349	727,557	7,462	23,773	7,980
1983	89.0	7,070	79,464	621,048	7,197	12,116	4,518
1984	81.2	6,545	80,589	619,374	7,781	10,909	6,755
1985	82.6	6,823	75,086	662,030	8,150	9,301	6,663
1986	64.2	6,002	93,547	570,404	9,024	7,615	8,007
1987	62.9	5,163	82,096	479,200	7,713	5,228	6,870
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	...	...

(2) Crop year.

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

Period	Asparagus			Mushroom			Watermelon		
	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
1976	12,936	93,986	7,265	5,463	51,992	9.52	(1) 14,325	249,778	17,435
1977	13,741	102,117	7,432	8,141	88,337	10.85	(1) 16,646	289,734	17,405
1978	12,567	97,393	7,750	11,699	119,460	10.21	(1) 18,331	216,925	11,848
1979	13,475	102,837	7,631	10,434	103,426	9.91	(1) 19,462	313,491	16,421
1980	12,428	112,871	9,082	7,945	76,159	9.61	(1) 19,923	341,410	17,136
1981	12,369	81,338	6,576	6,437	66,947	10.40	(1) 19,336	307,786	15,918
1982	11,236	52,808	4,700	5,136	59,716	11.63	(1) 19,927	282,986	14,201
1983	9,500	45,638	4,804	4,221	56,783	13.45	18,799	223,901	11,910
1984	9,400	54,143	5,760	4,274	59,562	13.94	21,969	238,452	10,859
1985	9,903	62,068	6,268	4,318	59,853	13.86	19,575	284,521	14,535
1986	9,326	41,836	4,485	4,130	55,219	13.37	24,166	353,206	14,616
1987	7,120	40,091	5,630	3,794	45,474	11.99	22,954	359,147	15,646
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

(1) Planted area.

## 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
1976	1,208,374	510,963	16,441	115,873	239,576	93,077	13	231,899	532
1977	1,281,250	547,863	19,158	130,317	262,206	106,860	1	214,599	246
1978	1,162,785	524,315	13,820	126,648	223,728	93,210	15	180,510	539
1979	1,252,947	569,696	13,781	128,493	222,400	105,594	-	211,617	1,366
1980	1,359,808	566,619	23,000	178,126	271,962	88,235	-	231,456	410
1981	1,244,757	429,719	22,442	192,303	260,121	124,783	-	213,725	1,664
1982	1,057,105	433,780	13,340	114,401	164,998	107,183	-	219,208	4,195
1983	1,169,768	426,790	18,809	160,704	191,985	97,537	3,428	268,126	2,389
1984	1,238,030	469,073	24,328	171,428	189,402	91,496	4,015	286,728	1,560
1985	1,309,872	486,379	34,116	177,304	201,190	94,254	4,435	309,925	2,269
1986	1,324,282	441,220	31,539	159,853	250,090	83,414	4,288	352,135	1,743
1987	1,286,056	415,745	20,473	137,171	214,088	69,022	4,775	421,565	3,217
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	8,284
1991	1,409,426	376,766	15,400	198,997	196,720	63,412	5,483	543,933	8,715
1992	1,365,929	336,214	16,351	189,650	185,205	60,708	5,276	562,900	9,625
1993	1,386,792	361,734	16,525	178,109	176,473	57,420	5,330	584,112	7,089
1994	1,376,652	343,602	15,585	183,914	163,655	53,751	8,345	601,407	6,393
1995	1,382,139	342,137	16,469	205,923	172,936	56,858	6,232	575,883	5,701
1996	1,391,665	324,612	16,425	205,577	149,429	59,411	6,428	625,980	3,803
1997	1,203,163	272,703	15,037	182,367	122,766	63,518	8,292	534,509	3,971
1998	1,195,734	257,658	10,514	173,169	131,999	66,340	7,254	540,741	8,059
1999	1,213,310	299,556	15,577	161,544	122,598	62,507	6,777	543,246	1,505
2000	1,257,699	334,657	17,197	178,367	137,792	61,621	9,199	518,813	53
2001	1,294,910	341,877	17,300	128,509	164,316	58,300	10,548	570,688	3,372
2002	1,248,294	323,116	17,684	127,158	143,076	50,775	10,400	565,892	10,193
2003	1,143,355	186,731	6,630	112,438	135,470	38,702	10,526	624,439	28,419

Source: See Table 4-1.

4-7. Forest Areas and Reserves

Period	Forest Areas (1,000 ha.)				Forest Reserves			
	Total	Conifers	Conifers Hardwoods Mixture	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
1976	2,224	449	55	1,720	240,872	96,745	144,127	459,025
1977	1,865	417	158	1,291	326,423	124,552	(1) 201,871	459,025
1978	1,865	417	158	1,291	326,421	124,550	(1) 201,871	459,025
1979	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1980	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1981	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1982	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1983	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1984	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
1986	1,865	417	158	1,291	326,421	124,550	(1) 201,871	1,168,713
1987	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

(1) Including conifer hardwood mixture.

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
1976	820,694	535,977	284,717	230,127	17,878	158,929
1977	689,435	414,414	275,021	138,233	14,737	114,487
1978	675,241	422,129	253,112	93,954	14,169	79,147
1979	654,165	411,952	242,213	91,984	12,153	75,582
1980	582,663	355,627	227,036	86,071	10,292	42,293
1981	530,242	331,789	198,453	64,898	10,060	58,095
1982	494,937	297,736	197,201	67,782	9,183	52,588
1983	616,070	383,450	232,620	78,703	7,162	73,994
1984	562,637	343,153	219,484	68,484	8,016	69,264
1985	474,584	295,889	178,695	62,394	6,856	90,607
1986	498,675	298,330	200,345	63,739	7,446	117,299
1987	422,644	263,524	159,120	67,571	6,312	71,721
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

(1) Prior to 1991(including 1991), Raw-timber of industry referred to metric ton.

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
1951	104,181	16,330	23,036	38,792	...	1,057	24,966
1956	193,410	43,988	60,148	45,308	6,093	1,486	36,387
1961	312,432	106,147	112,926	34,522	9,924	1,483	47,430
1966	425,277	169,260	167,718	28,615	12,313	1,173	46,198
1971	650,187	293,014	247,429	30,515	17,466	1,440	60,323
1976	810,602	325,327	314,453	32,733	30,936	2,629	104,524
1981	911,679	321,567	346,206	39,265	31,002	2,715	170,924
1982	922,522	316,692	345,471	41,095	35,835	2,827	180,602
1983	930,583	319,888	320,497	46,907	39,182	2,498	201,611
1984	1,002,598	369,448	334,130	51,299	40,350	2,711	204,659
1985	1,037,721	413,692	316,418	54,467	36,067	2,409	214,668
1986	1,094,589	463,376	306,181	56,736	28,266	2,183	237,847
1987	1,236,172	573,933	300,649	53,906	29,520	2,255	275,909
1988	1,360,868	699,266	308,114	49,090	34,617	3,424	266,357
1989	1,371,692	734,441	333,799	49,821	37,073	3,877	212,681
1990	1,455,499	766,985	292,394	48,362	36,507	3,495	307,756
1991	1,316,653	714,263	266,945	41,232	31,192	2,327	260,694
1992	1,326,979	737,638	280,513	45,399	33,958	1,781	227,690
1993	1,423,973	834,964	258,602	43,443	35,105	1,688	250,171
1994	1,255,275	683,780	242,274	39,799	33,185	1,457	254,780
1995	1,296,867	709,542	255,982	43,497	33,230	1,212	253,404
1996	1,239,634	668,979	256,655	41,032	34,889	444	237,635
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	1,363,867	854,667	205,640	39,911	24,035	580	239,034
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

Source: See Table 4-1.

## 4-10a. Livestock Production

Unit: head

Period	Cattle			Hog			Goat		
	Number at Year-End	Number Born	Number Slaughtered	Number at Year-End	Number Born	Number Slaughtered	Number at Year-End	Number Born	Number Slaughtered
1952	383,390	34,679	16,209	2,610,929	2,079,172	1,258,167	181,146	54,652	22,530
1955	412,018	38,524	17,116	2,799,369	2,081,959	1,770,957	126,856	42,865	20,781
1960	420,573	37,729	19,459	3,164,571	2,369,051	2,139,633	132,422	48,274	29,441
1965	376,745	27,584	28,485	2,935,503	2,983,004	2,694,925	156,793	57,816	38,430
1970	284,677	26,967	54,093	2,900,725	4,251,869	4,319,801	167,727	61,305	45,570
1975	249,329	39,379	21,408	3,314,823	4,907,420	4,224,657	191,434	85,881	49,083
1976	253,297	48,689	61,377	3,676,442	6,086,329	5,582,657	210,581	99,113	59,679
1977	187,549	26,925	87,579	3,760,475	6,493,550	6,197,405	200,536	74,579	54,343
1978	159,240	33,260	58,423	4,322,165	6,978,074	6,204,549	198,254	58,583	33,249
1979	142,829	42,054	46,880	5,417,706	8,780,914	7,427,575	187,687	75,884	22,710
1980	133,813	26,182	32,530	4,820,201	6,754,536	7,750,098	183,602	73,128	22,088
1981	128,171	25,039	30,758	4,825,862	7,223,874	7,738,018	176,849	74,656	22,659
1982	129,441	26,258	33,282	5,182,487	7,391,936	7,940,732	177,120	76,728	22,276
1983	129,852	27,429	37,562	5,888,198	8,696,700	8,482,357	196,987	84,340	22,910
1984	130,342	35,827	33,569	6,569,313	10,639,207	9,264,780	217,214	107,465	25,337
1985	143,204	35,398	24,172	6,673,983	10,986,431	10,380,258	231,159	120,010	22,548
1986	153,322	39,198	21,561	7,057,099	11,541,119	10,529,594	237,252	128,127	21,069
1987	171,759	47,479	23,174	7,129,034	11,391,918	11,295,604	207,022	135,007	21,276
1988	176,275	53,951	26,256	6,954,322	11,546,204	11,020,942	195,869	121,340	27,931
1989	165,136	49,917	33,658	7,783,276	12,641,051	11,078,268	179,003	112,294	33,167
1990	154,238	44,736	27,328	8,565,250	13,856,175	12,121,873	172,593	89,556	24,155
1991	152,856	44,075	27,229	10,089,137	16,133,503	13,525,987	175,346	92,055	25,542
1992	157,873	43,179	29,573	9,754,460	14,474,248	13,310,000	201,833	107,410	34,449
1993	165,601	40,833	26,412	9,844,920	14,811,785	13,225,000	293,629	150,912	76,814
1994	164,270	38,697	28,829	10,065,552	15,596,885	13,860,000	310,283	199,647	121,881
1995	164,825	41,566	33,961	10,508,502	16,975,316	14,180,000	318,404	201,555	179,591
1996	163,114	38,529	33,168	10,698,366	16,821,874	14,310,000	309,129	193,113	222,060
1997	166,393	39,985	32,770	7,966,887	12,919,492	11,400,000	315,216	191,008	225,781
1998	165,399	36,407	29,377	6,538,596	9,153,615	9,800,000	273,217	155,536	202,721
1999	165,248	42,096	25,840	7,243,194	9,851,753	8,980,000	237,295	133,162	183,869
2000	161,700	41,052	24,505	7,494,954	10,731,976	9,990,000	202,491	117,680	169,365
2001	152,507	38,437	25,286	7,164,605	11,301,063	10,420,000	184,717	107,315	148,658
2002	149,459	35,485	26,517	6,793,941	10,540,165	10,060,000	161,858	95,066	139,815
2003	148,870	41,912	27,617	6,778,799	10,273,138	9,460,000	155,565	83,856	128,851

Source: See Table 4-1.

4-10b. Livestock Production (Continued)

Period	Dairy Cattle		Chicken		Duck		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
1976	12,793	45,111	28,354	64,776	8,051	20,091	1,209,968	476,849
1977	12,608	45,727	35,489	79,112	9,586	23,151	1,377,426	469,254
1978	11,834	44,615	38,360	91,463	10,123	26,407	1,743,175	517,664
1979	11,280	44,418	38,941	94,253	9,995	27,381	1,875,003	524,489
1980	11,045	47,740	41,394	104,685	9,928	27,585	2,023,649	475,522
1981	12,159	50,154	43,899	115,670	10,457	32,026	2,048,760	476,204
1982	13,920	55,859	48,475	122,353	12,192	33,932	2,119,955	469,376
1983	15,361	58,022	60,137	154,815	11,349	35,901	3,070,472	485,235
1984	18,195	66,933	60,786	155,000	10,576	34,456	3,273,463	476,318
1985	22,752	87,879	59,313	154,686	10,211	31,894	3,344,729	453,247
1986	27,309	109,723	66,101	155,917	11,179	34,347	3,339,487	429,246
1987	33,986	144,390	68,978	174,400	12,915	39,745	3,546,186	450,752
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

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

## A. Exports

Item	Quantity (m.t.)			Value (US\$ 1,000)		
	2003	2002	Change (%)	2003	2002	Change (%)
Total	1,692,733	1,726,759	-2.0	3,237,952	3,148,752	2.8
Crop Products	812,853	823,758	-1.3	690,834	653,394	5.7
Cereals & Their Prep.	41,661	142,833	-70.8	70,929	83,302	-14.9
Oil Seeds & Flours	11,106	6,904	60.9	4,564	2,711	68.4
Vegetables & Their Prep.	80,405	81,030	-0.8	104,390	98,195	6.3
Fruits & Their Prep.	121,633	85,584	42.1	94,969	72,941	30.2
Flowers & Flower Seeds	31,524	30,321	4.0	58,793	52,757	11.4
Sugar & Its Prep.	38,552	20,658	86.6	17,488	20,026	-12.7
Tea	8,557	6,708	27.6	21,941	18,829	16.5
Tobacco & Its Prep.	3,866	518	646.3	9,212	5,732	60.7
Wine	6,137	5,079	20.8	13,229	13,453	-1.7
Others	469,412	444,123	5.7	295,319	285,448	3.5
Livestock Products	213,619	213,426	0.1	1,114,870	1,162,723	-4.1
Meat & Offal	6,358	7,882	-19.3	21,037	27,954	-24.7
Dairy Products	1,129	1,389	-18.7	3,719	3,621	2.7
Feathers	12,986	12,301	5.6	115,445	116,363	-0.8
Wool & Other Animal Hair	14,309	21,889	-34.6	94,669	116,398	-18.7
Hides, Skins, & Their Prep.	105,896	104,196	1.6	795,572	817,512	-2.7
Others	72,941	65,769	10.9	84,428	80,875	4.4
Fishery Products	567,285	580,032	-2.2	1,311,426	1,225,763	7.0
Fish & Their Prep.	511,906	526,837	-2.8	1,171,928	1,085,379	8.0
Crustacea & Their Prep.	4,352	6,631	-34.4	37,503	44,504	-15.7
Mollusca & Their Prep.	46,373	41,174	12.6	73,144	69,789	4.8
Others	98,976	109,543	-9.6	120,822	106,872	13.1
Forestry Products	92,636	103,513	-10.5	111,410	98,216	13.4
Wood & Its Prep.	2,487	1,931	28.8	1,647	1,572	4.8
Bamboo	3,853	4,099	-6.0	7,765	7,084	9.6
Others	4,099	8,430	-51.4	7,084	4,405	60.8

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)		
	2003	2002	Change (%)	2003	2002	Change (%)
Total	18,481,205	18,211,294	1.5	7,781,962	7,079,723	9.9
Crop Products	12,896,110	13,007,611	-0.9	4,584,537	4,117,987	11.3
Cereals & Their Prep.	6,734,917	6,694,874	0.6	1,150,970	1,007,572	14.2
Oil Seeds & Flours	2,500,775	2,586,023	-3.3	684,931	558,070	22.7
Vegetables & Their Prep.	329,013	321,596	2.3	170,877	172,911	-1.2
Fruits & Their Prep.	418,621	455,411	-8.1	397,706	372,486	6.8
Roots, Tubers, & Their Prep.	367,096	325,640	12.7	68,554	66,614	2.9
Plants & Medicinal Herbs	50,626	49,085	3.1	55,115	50,036	10.2
Flowers & Flower Seeds	6,765	7,155	-5.5	13,580	13,763	-1.3
Sugar & Its Prep.	835,421	948,236	-11.9	148,149	144,930	2.2
Tea	19,725	18,564	6.3	23,436	21,571	8.6
Tobacco & Its Prep.	34,291	27,948	22.7	539,361	438,985	22.9
Cotton	260,692	360,316	-27.6	298,339	342,075	-12.8
Wine	201,129	182,244	10.4	373,629	333,175	12.1
Others	1,137,039	1,030,519	10.3	659,890	595,799	10.8
Livestock Products	899,155	861,298	4.4	1,681,367	1,543,220	9.0
Meat & Offal	218,781	171,392	27.6	418,631	323,907	29.2
Dairy Products	148,947	153,464	-2.9	324,363	315,132	2.9
Feathers	16,116	20,621	-21.8	67,134	74,416	-9.8
Wool & Other Animal Hair	26,701	41,353	-35.4	112,493	140,933	-20.2
Hides, Skins, & Their Prep.	234,504	230,780	1.6	556,578	509,672	9.2
Others	254,106	243,688	4.3	202,168	179,160	12.8
Fishery Products	377,254	388,804	-3.0	495,842	500,748	-1.0
Fish & Their Prep.	80,321	80,331	0.0	153,267	146,642	4.5
Crustacea & Their Prep.	17,996	23,275	-22.7	88,439	102,255	-13.5
Mollusca & Their Prep.	17,581	22,575	-22.1	65,757	59,519	10.5
Fish Meal for Feed	228,057	230,740	-1.2	141,128	146,281	-3.5
Others	33,299	31,883	4.4	47,251	46,051	2.6
Forestry Products	4,308,686	3,953,581	9.0	1,020,216	917,768	11.2
Wood & Its Prep.	4,124,725	3,781,054	9.1	886,559	825,509	7.4
Bamboo	8,026	9,448	-15.1	843	1,116	-24.5
Others	175,935	163,079	7.9	132,814	91,143	45.7



## **5. INDUSTRY**

5-1. Principal Mineral Reserves  
End of 2003

Ore	Locality	Unit	Reserves
Coal	Taipei, Keelung, Taoyuan, Hsinchu, Miaoli, Nantou, Chiayi	1,000 m.t.	102,647
Gold	Juifang, Chinkuashih (Taipei prefecture)	1,000 m.t.	5,800
Copper	Juifang, Chinkuashih (Taipei prefecture), Chimei (Hualien)	1,000 m.t.	4,700
Pyrites	Chihsingshan, Chinkuashih (Taipei prefecture), Tananao (Yilan), Tungmeng (Hualien)	1,000 m.t.	1,770
Placer Magnetite	Chinshan, Tanshui (Taipei prefecture), Chuwei (Taoyuan), Chiayi (Tainan)	m.t.	106,000
Limonite	Taoyuan, Hsinchu, Taichung, Chihsingshan (Taipei prefecture)	m.t.	754,000
Manganese	Simaoshan (Yilan)	m.t.	300,000
Ilmenite (10%)	Tainan, Chiayi, Hsinchu, Taoyuan, 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	Chihsingshan (Taipei prefecture), Chinshan, Peitou (Yangmingshan)	1,000 m.t.	1,771
Asbestos	Fengtien (Hualien)	m.t.	52,300
Dolomite	Hualien	1,000 m.t.	110,451
Marble	Yilan, Hualien, Taitung	million m.t.	297,218
Talc	Yilan, Hualien	1,000 m.t.	1,864
Bauxite	Taoyuan, Hsinchu, Taichung	1,000 m.t.	5,000
Limestone	Yilan, Hualien, Taitung, Kaohsiung, Tainan, Hsinchu	1,000 m.t.	328,379
Petroleum	Miaoli, Hsinchu, Pachangchi, Chiayi, Shinying, Tainan	1,000 kl	148
Natural Gas	Miaoli, Hsinchu, Pachangchi, Chiayi, Shinying, Tainan	million m <sup>3</sup>	7,341

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 (2001 = 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	0.92	134.38	0.74	1.11	-	26.0	35.1	32.1	6.7	-
1955	1.38	144.98	1.16	1.45	-	14.0	13.0	10.5	5.1	-
1960	2.22	222.97	1.97	2.47	-	13.8	12.7	14.5	13.3	-
1965	4.27	334.44	3.76	4.08	-	16.3	3.7	16.8	9.4	-
1970	10.16	368.31	9.59	8.45	-	20.2	1.0	22.3	19.0	-
1975	18.46	328.87	17.44	14.59	-	9.4	4.5	7.9	10.1	-
1976	22.77	364.14	21.91	17.11	-	23.3	10.7	25.6	17.3	-
1977	25.81	356.59	24.84	18.96	-	13.4	-2.1	13.4	10.8	-
1978	31.63	347.70	30.82	22.16	-	22.5	-2.5	24.1	16.9	-
1979	33.64	332.13	32.57	23.86	-	6.4	-4.5	5.7	7.7	-
1980	35.95	332.87	34.59	25.82	-	6.9	0.2	6.2	8.2	-
1981	37.21	303.71	35.86	25.49	116.43	3.5	-8.8	3.7	-1.3	-
1982	36.89	272.99	36.16	26.02	80.92	-0.9	-10.1	0.8	2.1	-30.5
1983	41.56	265.34	41.15	28.93	77.05	12.7	-2.8	13.8	11.2	-4.8
1984	46.48	256.52	46.27	31.12	86.12	11.8	-3.3	12.4	7.6	11.8
1985	47.72	235.66	47.45	33.15	86.43	2.7	-8.1	2.6	6.5	0.4
1986	54.40	220.27	54.70	36.90	78.30	14.0	-6.5	15.3	11.3	-9.4
1987	60.18	213.30	60.76	40.85	75.92	10.6	-3.2	11.1	10.7	-3.0
1988	62.74	208.73	62.96	44.40	90.00	4.3	-2.1	3.6	8.7	18.5
1989	65.10	185.70	65.24	47.30	95.74	3.8	-11.0	3.6	6.5	6.4
1990	64.96	162.96	64.77	50.60	96.34	-0.2	-12.2	-0.7	7.0	0.6
1991	69.76	148.21	69.58	55.39	99.73	7.4	-9.1	7.4	9.5	3.5
1992	72.84	142.06	72.28	58.91	116.83	4.4	-4.1	3.9	6.4	17.1
1993	75.65	140.70	74.10	64.32	149.76	3.9	-1.0	2.5	9.2	28.2
1994	80.65	141.28	78.34	69.37	185.55	6.6	0.4	5.7	7.9	23.9
1995	(1) 84.51	(1) 136.59	82.47	73.68	177.85	4.8	-3.3	5.3	6.2	-4.1
1996	86.09	126.55	84.67	77.73	146.79	-	-	2.7	5.5	-17.5
1997	91.39	126.49	90.79	82.49	123.07	6.2	-0.05	7.2	6.1	-16.2
1998	94.49	118.72	93.68	88.79	123.75	3.4	-6.1	3.2	7.6	0.6
1999	101.45	109.20	100.98	91.80	131.93	7.4	-8.0	7.8	3.4	6.6
2000	108.47	99.95	109.12	98.89	112.60	6.9	-8.5	8.1	7.7	-14.7
2001	100.00	100.00	100.00	100.00	100.00	-7.8	0.1	-8.4	1.1	-11.2
2002	107.88	108.28	109.35	103.31	79.34	7.9	8.3	9.3	3.3	-20.7
2003	115.61	100.24	117.49	107.20	86.38	7.2	-7.4	7.4	3.8	8.9

(1) Figures for 1995 and before exclude quarrying.  
Source: See Table 5-1.

5-3. Indices of Private and Public Industrial Production

Base: 2001 = 100

Period	General Index		Mining		Manufacturing		Electricity, Gas & Water	Housing & Bldg. Const.
	Private	Public	Private	Public	Private	Public	Public	Private
1981	34.95	52.43	470.24	190.57	33.06	79.11	28.75	116.43
1982	34.58	52.35	450.34	157.81	33.39	78.69	29.35	80.92
1983	39.12	58.07	435.73	154.38	38.13	87.70	32.64	77.05
1984	44.29	61.69	402.61	158.30	43.26	92.53	35.11	86.12
1985	45.47	63.25	379.44	140.78	44.49	92.88	37.40	86.43
1986	52.68	67.11	359.00	129.47	52.05	95.54	41.63	78.30
1987	58.39	73.52	324.35	136.73	57.97	103.93	46.08	75.92
1988	60.28	80.23	287.24	148.49	59.66	113.81	50.09	90.00
1989	62.68	82.81	218.86	148.24	62.04	116.34	56.25	95.74
1990	62.66	81.84	172.11	143.67	62.02	108.90	60.06	96.34
1991	67.91	83.89	169.79	121.63	67.30	107.15	65.20	99.73
1992	70.82	88.18	173.27	109.43	69.79	113.10	68.45	116.83
1993	72.87	95.96	171.97	108.14	71.02	123.65	74.23	149.76
1994	78.07	99.75	168.13	111.68	75.50	124.54	80.08	185.55
1995	83.03	95.40	155.93	113.57	80.89	107.43	85.09	177.85
1996	85.22	92.47	138.34	111.15	83.82	97.01	87.69	146.79
1997	90.74	96.09	143.76	101.40	90.18	99.07	92.60	123.07
1998	93.62	100.84	131.97	100.40	93.13	100.82	99.58	123.75
1999	101.26	102.64	116.09	101.70	100.59	105.28	99.40	131.93
2000	109.56	101.65	110.54	88.44	109.79	101.73	102.02	112.60
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	109.91	95.10	113.19	102.94	110.95	91.86	98.83	79.34
2003	118.05	100.18	102.52	97.76	119.01	100.77	99.54	86.38

Source: See Table 5-1.

5-4. Distribution of Industrial Production by Ownership  
(Based on Value Added at 2001 Prices)

Period	Total			Mining			Manufacturing			Electricity, Gas & Water	Housing & Bldg. Const.
	Total	Private	Public	Subtotal	Private	Public	Subtotal	Private	Public	Public	Private
1990	100.00	83.09	16.91	100.00	25.44	74.56	100.00	86.18	13.82	100.00	100.00
1991	100.00	83.88	16.12	100.00	28.16	71.84	100.00	87.31	12.69	100.00	100.00
1992	100.00	83.48	16.52	100.00	32.32	67.68	100.00	87.11	12.89	100.00	100.00
1993	100.00	82.70	17.30	100.00	30.82	69.18	100.00	86.28	13.72	100.00	100.00
1994	100.00	83.13	16.87	100.00	29.67	70.33	100.00	86.91	13.09	100.00	100.00
1995	100.00	84.56	15.44	100.00	27.78	72.22	100.00	89.18	10.82	100.00	100.00
1996	100.00	85.32	14.68	100.00	57.50	42.50	100.00	90.44	9.56	100.00	100.00
1997	100.00	85.62	14.38	100.00	60.65	39.35	100.00	90.88	9.12	100.00	100.00
1998	100.00	85.41	14.59	100.00	58.83	41.17	100.00	91.00	9.00	100.00	100.00
1999	100.00	86.15	13.85	100.00	55.37	44.63	100.00	91.28	8.72	100.00	100.00
2000	100.00	87.18	12.82	100.00	57.60	42.40	100.00	92.20	7.80	100.00	100.00
2001	100.00	86.31	13.69	100.00	52.09	47.91	100.00	91.63	8.37	100.00	100.00
2002	100.00	87.94	12.06	100.00	54.45	45.55	100.00	92.97	7.03	100.00	100.00
2003	100.00	88.14	11.86	100.00	53.27	46.73	100.00	92.82	7.18	100.00	100.00

Source: See Table 5-1.

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

Period	Manufacturing Index		Food	Beverage & Tobacco	Textile	Wearing Apparel	Leather	Wood & Bambo Products	Furniture & Fixtures		Pulp, Paper & Paper Products	
	Heavy Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.
I. Index (Base: 2001 = 100)												
1992	56.87	119.89	103.61	134.00	91.27	244.51	365.04	262.64	199.79	223.97	90.00	94.60
1993	60.96	114.74	106.00	127.78	90.34	208.35	290.03	213.15	190.44	190.37	77.15	92.70
1994	66.07	116.37	111.93	129.69	97.49	186.95	251.28	171.25	186.66	176.94	79.72	95.57
1995	72.42	113.35	114.13	124.01	95.89	170.00	209.97	138.46	169.92	149.75	90.26	97.81
1996	75.50	112.70	112.30	120.27	99.41	157.85	192.79	129.27	162.83	141.40	84.69	99.26
1997	83.63	112.35	103.69	121.94	104.95	151.55	171.09	131.38	160.74	139.78	93.48	103.35
1998	88.36	109.30	97.61	112.31	108.54	151.37	147.37	120.72	147.88	140.54	91.52	103.76
1999	97.62	110.25	97.18	102.29	112.80	144.20	137.50	113.91	166.12	142.65	99.45	107.21
2000	108.62	110.48	99.51	94.77	112.71	129.94	128.42	106.39	119.78	145.21	104.36	109.08
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	113.64	97.53	92.48	87.21	94.99	90.11	103.39	82.23	99.07	81.05	107.49	104.04
2003	124.63	97.81	89.42	92.20	87.07	81.55	98.60	71.19	91.13	70.96	108.99	114.10
II. Annual Growth Rate (%)												
1993	7.2	-4.3	2.3	-4.6	-1.0	-14.8	-20.5	-18.8	-4.7	-15.0	-14.3	-2.0
1994	8.4	1.4	5.6	1.5	7.9	-10.3	-13.4	-19.7	-2.0	-7.1	3.3	3.1
1995	9.6	-2.6	2.0	-4.4	-1.6	-9.1	-16.4	-19.1	-9.0	-15.4	13.2	2.3
1996	4.3	-0.6	-1.6	-3.0	3.7	-7.1	-8.2	-6.6	-4.2	-5.6	-6.2	1.5
1997	10.8	-0.3	-7.7	1.4	5.6	-4.0	-11.3	1.6	-1.3	-1.1	10.4	4.1
1998	5.7	-2.7	-5.9	-7.9	3.4	-0.1	-13.9	-8.1	-8.0	0.5	-2.1	0.4
1999	10.5	0.9	-0.4	-8.9	3.9	-4.7	-6.7	-5.6	12.3	1.5	8.7	3.3
2000	11.3	0.2	2.4	-7.4	-0.1	-9.9	-6.6	-6.6	-27.9	1.8	4.9	1.7
2001	-7.9	-9.5	0.5	5.5	-11.3	-23.0	-22.1	-6.0	-16.5	-31.1	-4.2	-8.3
2002	13.6	-2.5	-7.5	-12.8	-5.0	-9.9	3.4	-17.8	-0.9	-19.0	7.5	4.0
2003	9.7	0.3	-3.3	5.7	-8.3	-9.5	-4.6	-13.4	-8.0	-12.4	1.4	9.7

Source: See Table 5-1.

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

Period	Printing Processings	Chemical Materials	Chemical Products		Petroleum & Coal Products		Rubber Products		Plastic Products	Non-metallic Mineral Products		Basic Metal	Metal Products
	Light Ind.	Heavy Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Heavy Ind.
I. Index (Base: 2001 = 100)													
1992	83.95	50.90	75.68	73.39	46.69	35.14	56.27	155.24	111.41	79.48	129.43	62.43	99.45
1993	87.22	54.29	83.00	77.93	54.94	41.82	61.48	139.46	109.97	88.01	135.37	69.05	94.71
1994	85.50	64.61	94.33	86.14	53.41	38.25	67.91	138.76	114.48	85.40	156.16	73.35	101.00
1995	82.95	68.47	93.45	89.83	65.39	43.04	72.54	140.62	103.99	87.36	156.15	76.03	107.67
1996	80.38	72.47	104.26	93.89	70.93	51.82	79.36	135.30	108.65	84.75	144.19	80.80	109.55
1997	84.44	77.27	118.97	99.65	73.27	66.56	86.12	132.44	112.41	93.47	143.24	98.06	111.98
1998	95.38	79.51	114.72	99.63	76.47	64.78	93.69	122.72	105.83	97.00	136.48	101.26	110.92
1999	94.12	87.03	116.65	103.75	82.88	75.91	101.39	117.74	113.46	94.05	131.19	108.29	118.21
2000	100.02	93.12	119.01	107.44	87.29	98.33	104.57	115.44	111.30	103.36	121.50	111.24	117.62
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	98.65	105.92	102.50	102.23	113.19	97.49	115.10	110.57	103.87	107.98	96.09	110.57	105.44
2003	108.25	112.63	106.86	111.73	131.66	89.95	134.72	121.65	105.04	107.31	103.82	114.39	106.21
II. Annual Growth Rate (%)													
1993	3.9	6.7	9.7	6.2	17.7	19.0	9.3	-10.2	-1.3	10.7	4.6	10.6	-4.8
1994	-2.0	19.0	13.7	10.5	-2.8	-8.5	10.5	-0.5	4.1	-3.0	15.4	6.2	6.6
1995	-3.0	6.0	-0.9	4.3	22.4	12.5	6.8	1.3	-9.2	2.3	0.0	3.7	6.6
1996	-3.1	5.8	11.6	4.5	8.5	20.4	9.4	-3.8	4.5	-3.0	-7.7	6.3	1.7
1997	5.1	6.6	14.1	6.1	3.3	28.4	8.5	-2.1	3.5	10.3	-0.7	21.4	2.2
1998	13.0	2.9	-3.6	0.0	4.4	-2.7	8.8	-7.3	-5.9	3.8	-4.7	3.3	-0.9
1999	-1.3	9.5	1.7	4.1	8.4	17.2	8.2	-4.1	7.2	-3.0	-3.9	6.9	6.6
2000	6.3	7.0	2.0	3.6	5.3	29.5	3.1	-2.0	-1.9	9.9	-7.4	2.7	-0.5
2001	0.0	7.4	-16.0	-6.9	14.6	1.7	-4.4	-13.4	-10.2	-3.3	-17.7	-10.1	-15.0
2002	-1.4	5.9	2.5	2.2	13.2	-2.5	15.1	10.6	3.9	8.0	-3.9	10.6	5.4
2003	9.7	6.3	4.3	9.3	16.3	-7.7	17.0	10.0	1.1	-0.6	8.0	3.5	0.7

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

Period	Machinery & Equipment		Computer, Communication Equipment, Audio & Video Equipment		Electronic Components & Accessoriest	Electrical & Electronic Machinery and Equipment		Transportation Equipment		Precision Instrument		Miscellaneous Industries
	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Heavy Ind.	Light Ind.	Light Ind.
I. Index (Base: 2001 = 100)												
1992	89.32	...	26.35	...	42.73	70.25	183.60	117.05	190.44	101.81	...	150.07
1993	92.23	...	28.42	...	50.56	80.73	150.42	116.02	193.43	93.12	...	133.05
1994	96.17	...	32.86	...	55.29	93.44	138.51	118.73	191.16	96.34	...	122.33
1995	101.49	...	39.73	...	67.32	93.60	130.64	120.77	190.06	96.37	...	122.93
1996	106.14	...	46.48	...	69.38	89.65	132.02	114.13	184.55	87.82	...	119.57
1997	114.79	...	57.67	...	76.64	96.53	124.24	118.27	175.53	85.08	...	119.28
1998	109.19	...	71.38	...	81.38	104.75	109.50	117.83	189.28	84.14	...	109.13
1999	113.34	114.94	83.11	240.21	96.48	123.86	115.58	109.35	162.92	100.67	103.17	106.75
2000	118.03	115.06	98.45	207.34	121.79	116.08	113.62	113.81	155.21	116.03	121.84	112.90
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	107.98	123.95	103.81	67.60	127.61	116.36	89.47	116.24	95.58	115.17	125.56	104.83
2003	115.81	120.65	109.15	40.45	147.80	123.13	91.16	129.34	97.02	132.53	150.62	108.57
II. Annual Growth Rate (%)												
1993	3.3	..	7.9	...	18.3	14.9	-18.1	-0.9	1.6	-8.5	...	-11.3
1994	4.3	..	15.6	...	9.4	15.7	-7.9	2.3	-1.2	3.5	...	-8.1
1995	5.5	..	20.9	...	21.8	0.2	-5.7	1.7	-0.6	0.0	...	0.5
1996	4.6	..	17.0	...	3.1	-4.2	1.1	-5.5	-2.9	-8.9	...	-2.7
1997	8.1	..	24.1	...	10.5	7.7	-5.9	3.6	-4.9	-3.1	...	-0.2
1998	-4.9	..	23.8	...	6.2	8.5	-11.9	-0.4	7.8	-1.1	...	-8.5
1999	3.8	..	16.4	...	18.6	18.2	5.6	-7.2	-13.9	19.6	...	-2.2
2000	4.1	0.1	18.5	-13.7	26.2	-6.3	-1.7	4.1	-4.7	15.3	18.1	5.8
2001	-15.3	-13.1	1.6	-51.8	-17.9	-13.9	-12.0	-12.1	-35.6	-13.8	-17.9	-11.4
2002	8.0	24.0	3.8	-32.4	27.6	16.4	-10.5	16.2	-4.4	15.2	25.6	4.8
2003	7.3	-2.7	5.1	-40.2	15.8	5.8	1.9	11.3	1.5	15.1	20.0	3.6

## 5-6a. Output of Principal Industrial Products

Period	Electric Power	Milk Powder	Wheat Flour	Alcoholic Beverages	Cotton Yarn	Paper	Cement	Television Sets	Motor Vehicles	Motorcycle	Polyester Filament
	million k.w.h.	m.t.	m.t.	hl.	m.t.	m.t.	1,000 m.t.	1,000 sets	set	set	m.t.
1952	1,420	-	16,026	558,086	13,576	25,912	446	-	-	-	-
1955	1,966	-	133,362	808,048	25,111	41,255	590	-	-	-	-
1960	3,628	-	189,819	981,443	40,381	83,037	1,183	-	-	-	-
1965	6,455	728	256,557	1,225,582	54,420	133,407	2,511	50	3,261	56,046	-
1970	13,213	1,283	330,414	1,784,729	104,849	214,577	4,541	1,254	9,290	131,124	-
1975	22,894	2,793	425,919	2,633,600	130,884	266,641	6,795	2,999	31,278	319,260	-
1976	26,877	3,172	385,636	2,837,602	147,478	319,350	8,757	3,847	31,013	337,242	-
1977	29,724	4,599	382,756	3,312,988	142,205	345,108	10,334	4,926	44,272	413,578	-
1978	34,433	6,639	451,816	3,829,166	131,674	394,168	11,461	7,095	77,177	639,486	-
1979	37,896	8,620	425,142	4,219,608	158,862	450,796	11,897	6,699	116,103	746,322	-
1980	40,813	10,704	416,069	4,365,768	171,025	490,278	14,062	7,041	132,580	723,612	-
1981	40,150	11,828	459,526	4,373,234	158,569	503,100	14,342	6,924	130,166	669,088	182,339
1982	40,900	12,691	494,904	4,827,318	161,316	560,330	13,432	4,752	126,435	576,576	188,038
1983	45,517	13,573	498,576	4,940,243	164,794	548,345	14,810	5,177	149,252	647,297	218,229
1984	49,286	13,347	512,772	5,214,148	181,349	546,508	14,234	5,576	165,655	651,231	290,446
1985	52,553	8,216	519,991	5,436,712	191,799	597,221	14,418	4,250	152,275	655,570	374,588
1986	59,028	7,968	571,627	5,696,300	285,877	705,105	14,806	6,216	172,978	763,308	455,505
1987	65,477	7,060	619,392	6,111,832	320,167	799,739	15,663	6,442	250,277	941,184	541,477
1988	71,643	6,127	620,466	6,281,832	344,258	893,754	17,281	5,031	272,533	1,079,358	540,587
1989	80,263	6,834	619,343	6,737,021	350,250	879,844	18,043	5,172	318,872	1,101,990	596,820
1990	86,123	6,955	621,624	7,031,856	333,648	911,452	18,458	3,542	355,973	1,055,297	675,693
1991	94,610	9,472	629,286	6,844,587	369,891	971,779	19,399	3,539	403,756	1,174,083	754,205
1992	100,529	10,084	635,375	6,955,038	354,548	1,027,344	21,464	2,628	436,166	1,345,041	902,644
1993	109,911	8,450	653,720	7,040,678	327,119	1,020,624	23,971	2,107	396,294	1,501,973	1,033,172
1994	118,917	7,143	682,307	6,944,810	351,357	1,111,146	22,722	1,903	414,483	1,633,336	1,178,925
1995	126,973	6,969	711,259	6,531,080	336,451	1,130,618	22,478	1,423	394,960	1,695,064	1,248,582
1996	134,997	6,036	707,930	6,183,139	355,946	1,055,958	21,537	1,045	366,544	1,414,219	1,297,770
1997	143,661	7,460	761,551	6,057,363	365,080	1,179,671	21,522	1,021	375,638	1,508,834	1,429,010
1998	155,450	6,765	745,886	6,438,602	363,947	1,174,877	19,652	988	402,342	1,266,352	1,614,849
1999	160,570	6,709	738,221	6,555,268	353,590	1,246,220	18,283	1,022	345,360	1,135,455	1,671,322
2000	175,165	6,016	785,492	6,471,418	337,566	1,259,707	17,572	1,155	371,083	1,126,671	1,632,139
2001	178,358	5,395	784,254	6,363,498	313,601	994,837	18,128	928	268,891	871,696	1,584,080
2002	187,910	5,090	781,230	4,121,509	306,360	992,163	19,363	1,015	329,702	885,926	1,603,096
2003	197,138	5,150	798,050	4,050,907	286,715	981,575	18,474	1,248	392,108	1,191,319	1,670,139

Source: See Table 5-1.

## 5-6b. Output of Principal Industrial Products (Continued)

Period	Poly Styrene	Re-bar	Telephone Sets	Portable Computer	Monitor	Mobile Phone	Integrated Circuits	Foundry Wafer	Computer Disk	Watch
	m.t.	m.t.	set	set	set	set	1,000 pcs.	1,000 pcs.	1,000 pcs.	pcs.
1952	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-
1965	-	-	30,404	-	-	-	-	-	-	-
1970	-	-	82,125	-	-	-	-	-	-	-
1975	-	-	229,610	-	-	-	-	-	-	284,600
1976	-	-	431,353	-	-	-	-	-	-	1,889,431
1977	-	-	455,800	-	-	-	-	-	-	6,283,180
1978	-	-	500,388	-	-	-	-	-	-	8,108,590
1979	-	-	939,054	-	-	-	-	-	-	6,132,078
1980	-	-	1,758,129	-	-	-	-	-	-	6,589,839
1981	78,671	2,199,772	2,004,746	-	196,865	-	-	-	-	5,800,080
1982	83,383	2,133,136	3,448,802	-	539,171	-	-	-	-	13,105,681
1983	100,222	2,186,520	25,989,423	-	1,787,705	-	-	-	-	14,038,207
1984	131,063	2,154,568	11,783,470	-	3,212,274	-	-	-	-	11,764,254
1985	138,151	1,797,573	11,502,836	-	3,174,589	-	-	-	-	5,324,386
1986	205,813	2,124,551	22,288,340	-	4,449,313	-	-	-	-	4,319,998
1987	233,742	2,622,449	21,417,113	-	6,133,069	-	-	-	-	5,250,023
1988	238,133	3,225,761	18,324,239	45,000	7,168,334	-	-	-	-	4,484,012
1989	319,907	4,161,224	16,522,409	134,000	7,639,914	-	-	-	-	5,013,625
1990	290,931	5,005,771	13,992,431	217,233	8,568,773	-	-	-	-	5,115,695
1991	480,801	5,488,654	11,214,437	534,012	9,192,351	-	-	-	-	4,862,468
1992	527,551	6,550,281	10,975,179	861,750	11,479,890	-	-	-	-	4,635,391
1993	592,968	7,550,915	10,681,796	977,776	12,744,531	-	-	-	-	3,202,083
1994	626,235	7,412,439	8,729,229	1,341,525	14,069,543	431	2,530,740	3,687	-	2,754,779
1995	671,459	6,553,158	8,010,010	2,269,530	17,751,239	731	3,378,203	3,804	5,909	2,795,974
1996	807,759	5,956,985	6,235,838	3,785,944	18,669,498	2,473	3,754,227	3,276	13,319	2,570,183
1997	780,368	6,379,018	8,584,456	4,669,065	20,461,312	24,933	4,228,173	3,921	21,726	2,367,118
1998	764,224	6,996,805	7,736,597	7,020,283	16,406,445	79,336	3,967,541	3,201	76,579	2,335,718
1999	764,647	6,246,994	6,629,451	9,952,710	9,321,168	777,419	3,912,228	4,372	424,930	1,940,797
2000	710,862	6,737,839	4,722,353	13,059,784	5,692,488	4,761,392	5,002,725	7,309	2,291,457	1,726,714
2001	865,953	6,283,554	1,910,975	14,130,083	6,752,657	9,654,198	4,924,226	5,568	5,002,594	1,263,724
2002	847,959	7,274,269	215,200	14,462,189	5,104,868	21,514,085	6,160,036	6,379	7,001,310	1,174,083
2003	858,104	6,242,349	352,470	10,511,723	4,214,885	30,676,947	6,532,154	8,215	7,734,428	1,179,678

## 5-7a. Installed Capacity and Operation of the Power System (1)

Total System (Hydro, Thermal, and Nuclear)

Period	Number of Plants	Installed Capacity (kw)	System Peak Load (kw)	System Average Load (kw)	Capacity Factor	Power Generation (kwh) per Installed kw (2)
1952	32	331,545	231,675	156,975	50.8	4,594
1955	35	493,414	336,113	224,470	50.1	4,385
1960	37	709,191	635,224	413,019	58.1	5,104
1965	35	1,186,196	1,066,225	736,921	63.6	5,574
1970	37	2,720,261	2,131,400	1,508,300	61.4	5,377
1975	42	5,300,394	3,765,200	2,613,400	53.0	4,654
1976	45	5,883,642	4,301,700	3,059,744	55.4	4,903
1977	46	7,019,642	4,817,800	3,393,197	54.7	4,824
1978	46	7,682,705	5,629,700	3,930,678	55.6	4,892
1979	46	8,182,705	6,069,800	4,326,020	56.0	4,906
1980	46	9,055,705	6,702,700	4,646,292	55.3	4,904
1981	47	10,158,650	6,796,700	4,583,293	49.1	4,130
1982	48	11,868,614	6,918,000	4,668,837	43.8	3,723
1983	50	12,412,594	7,807,500	5,196,018	44.3	3,725
1984	51	12,959,494	8,517,400	5,610,863	47.1	3,970
1985	53	15,969,794	8,716,300	5,999,518	42.5	3,573
1986	55	16,594,494	9,900,300	6,738,687	42.8	3,593
1987	53	16,588,824	11,113,400	7,478,849	47.1	3,959
1988	54	16,588,934	12,330,600	8,155,828	51.3	4,342
1989	56	16,593,554	13,421,700	8,779,613	55.0	4,654
1990	56	16,882,874	14,510,500	9,400,651	58.4	4,936
1991	56	18,382,874	15,320,700	10,232,816	59.9	5,057
1992	57	19,246,805	16,703,900	10,688,144	59.6	5,031
1993	56	19,354,725	17,666,200	11,619,168	61.7	5,201
1994	58	20,983,225	18,610,200	12,588,625	63.2	5,345
1995	59	21,897,970	19,932,900	13,454,251	63.7	5,372
1996	58	23,762,670	21,761,500	14,227,337	63.0	5,323
1997	68	25,735,412	22,237,000	15,096,765	62.2	5,200
1998	69	26,679,782	23,829,800	16,320,113	63.9	5,401
1999	70	28,480,432	24,205,700	16,639,433	61.4	5,173
2000	72	29,634,482	25,854,200	17,817,780	61.0	5,140
2001	72	30,136,062	26,289,800	18,043,197	60.1	5,045
2002	76	31,915,412	27,116,500	18,938,502	60.5	5,064
2003	77	33,289,562	28,593,700	19,841,358	60.9	5,090

(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.

Source: The data are provided by the Taiwan Power Company, R.O.C.

## 5-7b. Installed Capacity and Operation of the Power System (Continued)

## I. Hydro

Period	Number of Plants	Installed Capacity (kw)	System Peak Load (kw)	System Average Load (kw)	Capacity Factor	Power Generation (kwh) per Installed kw (2)
1952	24	276,615	224,574	136,085	53.8	4,865
1955	25	351,365	318,940	174,780	50.6	4,436
1960	26	448,215	441,492	235,073	52.4	4,599
1965	26	628,470	524,052	295,165	47.0	4,114
1970	28	901,170	740,600	324,800	44.1	3,865
1975	29	1,364,970	1,416,000	597,500	43.7	3,791
1976	29	1,364,970	1,355,800	484,935	35.5	3,086
1977	29	1,364,970	1,376,000	456,534	33.4	2,855
1978	29	1,391,470	1,380,600	563,856	41.2	3,608
1979	29	1,391,470	1,397,100	518,703	37.3	3,265
1980	29	1,385,570	1,186,500	330,749	23.8	2,093
1981	29	1,387,275	1,378,100	544,455	39.3	3,458
1982	29	1,387,275	1,358,600	543,090	39.3	3,437
1983	31	1,431,265	1,440,400	567,055	40.2	3,519
1984	31	1,479,865	1,289,600	502,050	34.8	3,028
1985	33	2,489,165	1,832,900	787,734	36.7	3,204
1986	35	2,563,865	2,010,100	844,792	33.6	2,935
1987	33	2,557,865	2,378,600	809,869	31.7	2,769
1988	34	2,557,975	2,240,000	698,146	27.4	2,397
1989	35	2,562,295	2,529,200	760,105	29.7	2,602
1990	34	2,561,795	2,373,300	932,232	36.5	3,187
1991	34	2,561,795	2,247,000	626,265	24.5	2,142
1992	35	2,576,665	2,338,500	947,873	37.1	3,249
1993	35	2,575,985	3,152,100	764,380	29.8	2,599
1994	37	3,648,485	3,475,300	1,012,002	29.3	2,556
1995	38	4,183,430	3,745,800	1,011,195	25.5	2,224
1996	38	4,288,430	3,758,400	1,027,072	24.2	2,121
1997	38	4,288,430	3,615,300	1,089,386	25.5	2,225
1998	39	4,421,900	3,782,600	1,208,175	28.0	2,345
1999	39	4,421,900	3,722,100	1,017,956	23.1	2,017
2000	39	4,421,900	3,126,600	1,006,758	22.8	2,000
2001	39	4,421,900	3,110,700	1,043,152	23.7	2,067
2002	41	4,510,650	2,109,700	725,789	16.3	1,419
2003	41	4,510,650	2,381,600	783,499	17.5	1,522

## 5-7c. Installed Capacity and Operation of the Power System (Continued)

## II. Thermal

Period	Number of Plants	Installed Capacity (kw)	System Peak Load (kw)	System Average Load (kw)	Capacity Factor	Power Generation (kwh) per Installed kw (2)
1952	8	54,930	47,086	20,890	37.1	3,352
1955	10	142,049	110,496	49,690	48.1	4,209
1960	11	260,976	263,049	177,946	68.0	5,974
1965	9	557,726	567,672	441,756	83.4	7,307
1970	9	1,819,091	1,618,900	1,183,500	68.8	6,023
1975	13	3,935,424	2,928,700	2,015,900	56.5	4,951
1976	16	4,518,672	3,555,500	2,574,809	61.9	5,438
1977	16	5,018,672	3,928,900	2,926,228	61.9	5,423
1978	16	5,019,235	4,364,500	3,078,213	61.3	5,374
1979	16	5,519,235	4,364,500	3,121,856	61.7	5,407
1980	16	6,398,135	5,181,200	3,426,190	59.7	5,240
1981	16	6,514,375	5,302,200	2,877,583	44.7	3,917
1982	17	7,239,339	5,289,100	2,696,389	41.1	3,420
1983	17	7,739,329	5,978,200	2,558,423	35.5	2,960
1984	17	7,286,629	4,933,200	2,422,698	35.1	2,921
1985	17	8,336,629	4,986,500	2,067,315	28.3	2,343
1986	17	8,886,629	6,741,000	2,944,456	35.5	2,860
1987	17	8,886,959	6,593,100	3,038,952	36.1	2,996
1988	17	8,886,959	7,426,900	4,111,244	48.7	4,064
1989	18	8,887,259	8,009,400	4,925,875	57.9	4,855
1990	19	9,177,079	7,869,700	4,866,362	56.3	4,702
1991	19	10,677,079	9,103,000	5,739,174	59.4	4,998
1992	19	11,526,140	10,231,700	6,043,680	57.7	4,842
1993	18	11,634,740	10,699,500	7,089,240	62.4	5,242
1994	18	12,190,740	10,851,400	7,754,663	67.0	5,659
1995	18	12,570,540	12,569,800	8,569,708	70.0	5,899
1996	17	14,330,240	13,225,100	9,063,976	67.3	5,668
1997	27	16,302,982	14,505,200	10,029,567	66.4	5,503
1998	27	17,113,882	15,534,900	11,069,949	67.8	5,696
1999	28	18,914,532	16,550,900	11,408,336	64.0	5,378
2000	30	20,068,582	18,413,000	12,599,222	63.3	5,312
2001	30	20,570,162	19,417,200	13,108,037	63.3	5,294
2002	31	22,258,362	20,482,000	13,873,753	63.2	5,268
2003	33	23,634,912	22,079,500	14,791,754	63.8	5,308

5-7d. Installed Capacity and Operation of the Power System (Continued)  
 III. Nuclear

Period	Number of Plants	Installed Capacity (kw)	System Peak Load (kw)	System Average Load (kw)	Capacity Factor	Power Generation (kwh) per Installed kw
1977	1	636,000	284,000	10,435	9.8	862
1978	1	1,272,000	665,700	288,609	41.9	3,669
1979	1	1,272,000	1,182,400	685,462	53.9	4,721
1980	1	1,272,000	1,192,400	889,353	69.9	6,142
1981	2	2,257,000	2,094,700	1,161,255	60.2	5,274
1982	2	3,242,000	2,779,000	1,429,367	52.7	4,422
1983	2	3,242,000	2,921,400	2,070,540	66.6	5,595
1984	3	4,193,000	3,912,100	2,686,115	75.3	6,347
1985	3	5,144,000	4,238,500	3,144,469	67.9	5,707
1986	3	5,144,000	4,856,200	2,949,439	59.8	5,023
1987	3	5,144,000	4,856,200	3,630,028	73.5	6,182
1988	3	5,144,000	4,701,000	3,346,438	67.8	5,714
1989	3	5,144,000	4,551,000	3,093,632	62.6	5,268
1990	3	5,144,000	4,772,000	3,602,057	72.9	6,134
1991	3	5,144,000	4,828,000	3,867,376	78.3	6,586
1992	3	5,144,000	4,852,000	3,696,590	74.9	6,312
1993	3	5,144,000	4,784,000	3,765,548	76.2	6,413
1994	3	5,144,000	4,878,000	3,821,960	77.4	6,509
1995	3	5,144,000	4,879,400	3,873,348	78.4	6,596
1996	3	5,144,000	4,918,100	4,136,288	83.6	7,063
1997	3	5,144,000	4,928,200	3,977,812	80.5	6,774
1998	3	5,144,000	4,901,000	4,041,989	81.8	6,883
1999	3	5,144,000	4,870,600	4,213,133	85.3	7,175
2000	3	5,144,000	4,951,000	4,211,800	85.2	7,912
2001	3	5,144,000	4,925,700	3,892,007	78.8	6,628
2002	3	5,144,000	4,879,500	4,338,960	87.8	7,389
2003	3	5,144,000	4,946,000	4,266,106	86.3	7,265

## 5-8a. Power Generation and Consumption

Period	Power Generation					Consumption			Loss
	Total	Hydro	Thermal	Nuclear	Wind	Total (1)	Industry (2)	Residential & Commercial Customers	
<b>I. Amount (million kwh)</b>									
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
1976	26,877	4,260	22,617	-	-	24,744	18,763	5,981	2,078
1977	29,724	3,999	25,634	91	-	27,607	20,855	6,752	2,061
1978	34,433	4,940	26,965	2,528	-	31,864	24,044	7,820	2,501
1979	37,896	4,544	27,347	6,005	-	35,321	26,865	8,456	2,503
1980	40,813	2,905	30,096	7,812	-	37,947	28,816	9,131	2,786
1981	40,150	4,769	25,208	10,173	-	37,448	28,138	9,310	2,620
1982	40,899	4,758	23,620	12,521	-	38,156	28,112	10,044	2,655
1983	45,517	4,967	22,412	18,138	-	42,319	30,849	11,470	3,098
1984	49,286	4,410	21,281	23,595	-	45,827	33,737	12,090	3,193
1985	52,556	6,900	18,110	27,546	-	47,919	34,927	12,992	2,873
1986	59,031	7,400	25,794	25,837	-	53,813	39,840	13,973	2,937
1987	65,515	7,095	26,621	31,799	-	59,175	43,639	15,536	3,702
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

(1) Excluding Taipower use in consumption since 1970.

(2) Including irrigation.

Source: See Table 5-7a.

5-8b. Power Generation and Consumption (Continued)

Period	Power Generation					Consumption			Loss of total power generation (%)
	Total	Hydro	Thermal	Nuclear	Wind	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
1976	100.0	15.8	84.2	-	-	100.0	75.8	24.2	7.7
1977	100.0	13.5	86.2	0.3	-	100.0	75.5	24.5	6.9
1978	100.0	14.4	78.3	7.3	-	100.0	75.5	24.5	7.3
1979	100.0	12.0	72.2	15.8	-	100.0	76.1	23.9	6.6
1980	100.0	7.1	73.7	19.2	-	100.0	75.9	24.1	6.8
1981	100.0	11.9	62.8	25.3	-	100.0	75.1	24.9	6.5
1982	100.0	11.6	57.8	30.6	-	100.0	73.7	26.3	6.5
1983	100.0	10.9	49.2	39.9	-	100.0	72.9	27.1	6.8
1984	100.0	8.9	43.2	47.9	-	100.0	73.6	26.4	6.5
1985	100.0	13.1	34.5	52.4	-	100.0	72.9	27.1	5.5
1986	100.0	12.5	43.7	43.8	-	100.0	74.0	26.0	5.0
1987	100.0	10.8	40.6	48.6	-	100.0	73.8	26.2	5.7
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

## 5-9. Power Consumption by Industry

Unit: million kwh

Period	Total (1)	Mining	Food	Textile	Chemicals	Ceramics	Metals & Machinery	Others
1952	799	65	74	43	357	29	165	66
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
1976	18,358	364	916	2,990	5,853	1,439	3,692	3,104
1977	20,401	381	1,012	3,151	6,363	1,671	4,325	3,498
1978	23,601	460	1,121	3,493	7,036	1,857	5,491	4,143
1979	26,247	537	1,217	3,741	7,627	2,100	6,335	4,690
1980	28,081	620	1,262	3,874	7,957	2,469	6,843	5,056
1981	27,478	713	1,236	3,912	7,872	2,540	5,885	5,320
1982	27,388	659	1,314	4,069	7,787	2,378	5,530	5,651
1983	30,029	661	1,432	4,435	8,206	2,540	6,217	6,538
1984	32,725	737	1,526	4,837	9,131	2,549	6,864	7,081
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	103,667	431	3,191	8,133	18,829	3,905	39,166	30,013

(1) Excluding irrigation.

Source: See Table 5-7a.

## 5-10a. Supply of Commercial Energy

Unit: 1,000 K.L. Oil Equivalent

Period	Total	Domestic Production				
		Subtotal	Coal	Hydro-Electric Power	Natural Gas	Crude Oil
1955	2,740.3	2,038.9	1,625.3	381.4	28.5	3.7
1960	4,536.6	3,271.4	2,729.4	514.3	25.4	2.3
1965	6,735.3	4,456.5	3,482.0	644.0	309.7	20.8
1970	11,892.9	4,841.9	3,081.8	711.4	947.2	101.5
1975	17,077.1	5,259.7	2,163.6	1,306.9	1,574.5	214.8
1976	22,645.2	5,426.6	2,229.1	1,063.7	1,886.6	247.2
1977	24,762.8	5,280.6	2,036.3	999.3	1,991.1	253.9
1978	28,819.8	5,428.4	1,986.7	1,233.6	1,961.3	246.8
1979	29,844.6	5,132.1	1,873.7	1,134.5	1,893.3	230.6
1980	34,292.5	4,669.5	1,772.9	726.7	1,958.5	211.4
1981	32,964.1	4,726.7	1,684.9	1,190.1	1,668.9	182.8
1982	31,780.0	4,386.8	1,642.0	1,187.7	1,418.1	139.0
1983	35,450.2	4,384.8	1,540.4	1,239.0	1,470.8	134.6
1984	38,095.1	4,101.4	1,385.2	1,100.2	1,480.0	136.0
1985	39,511.5	4,445.2	1,279.9	1,720.5	1,326.8	118.1
1986	41,608.7	4,345.5	1,188.4	1,842.8	1,208.9	105.4
1987	45,828.6	4,172.1	1,032.8	1,768.2	1,222.7	148.4
1988	51,392.4	3,907.2	844.2	1,528.5	1,394.7	139.8
1989	52,800.0	3,740.4	540.4	1,659.9	1,405.0	135.1
1990	58,605.2	3,845.8	325.2	2,033.9	1,304.3	182.4
1991	58,493.5	2,731.4	277.3	1,368.2	975.6	110.3
1992	64,124.0	3,222.9	230.7	2,074.4	845.8	72.0
1993	68,387.5	2,778.9	225.9	1,669.0	818.5	65.5
1994	73,034.2	3,369.9	196.4	2,207.4	897.5	68.6
1995	79,676.5	3,361.2	162.0	2,205.6	931.2	62.3
1996	83,297.6	3,298.8	101.6	2,246.5	891.0	59.7
1997	88,282.9	3,345.5	68.3	2,376.4	850.2	50.7
1998	92,457.8	3,612.7	54.5	2,635.0	869.2	54.0
1999	98,875.8	3,177.6	63.2	2,221.3	846.1	47.1
2000	105,043.1	3,036.3	57.3	2,203.3	738.5	37.2
2001	108,521.3	3,158.0	-	2,277.7	839.7	40.6
2002	113,229.6	2,507.8	-	1,579.8	877.0	51.1
2003	121,220.2	2,580.2	-	1,712.7	821.7	45.8

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

## 5-10b. Supply of Commercial Energy (Continued)

Unit: 1,000 K.L. Oil Equivalent

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	7,051.0	6,937.3	113.7	-	-
1975	11,817.4	11,738.9	78.5	-	-
1976	17,218.7	17,077.2	141.5	-	-
1977	19,482.3	18,781.1	676.7	-	24.5
1978	23,391.3	21,726.6	1,001.5	-	663.2
1979	24,712.5	21,240.3	1,900.0	-	1,572.2
1980	29,623.0	24,143.1	3,443.3	-	2,036.6
1981	28,237.4	22,115.9	3,471.7	-	2,649.8
1982	27,393.2	20,072.3	4,070.7	-	3,250.1
1983	31,065.4	21,707.9	4,661.8	-	4,695.7
1984	33,993.7	22,424.4	5,461.4	-	6,107.9
1985	35,066.2	20,619.2	7,311.3	-	7,135.7
1986	37,263.3	22,834.7	7,736.5	-	6,692.1
1987	41,656.6	23,291.4	10,136.1	-	8,229.1
1988	47,485.3	27,246.2	12,625.3	-	7,613.8
1989	49,059.6	29,829.6	12,206.2	-	7,023.8
1990	54,759.4	32,297.2	13,357.1	941.2	8,163.9
1991	55,762.1	31,400.3	13,318.2	2,277.5	8,766.1
1992	60,901.1	34,129.2	15,986.1	2,378.8	8,407.0
1993	65,608.7	36,254.9	18,264.7	2,555.4	8,533.6
1994	69,664.3	38,511.8	19,291.6	3,199.1	8,661.8
1995	76,315.4	43,188.4	20,708.3	3,646.2	8,772.4
1996	79,998.8	44,457.7	22,375.5	3,779.1	9,386.5
1997	84,937.4	45,203.5	26,097.9	4,626.8	9,009.3
1998	88,845.1	47,429.3	26,649.7	5,618.9	9,147.2
1999	95,698.2	50,876.0	29,523.4	5,756.3	9,542.5
2000	102,006.8	53,417.2	32,643.8	6,381.8	9,564.1
2001	105,363.3	54,627.6	35,090.6	6,830.3	8,814.8
2002	110,721.7	55,719.8	37,476.2	7,700.8	9,824.9
2003	118,640.0	61,479.7	39,469.3	8,030.8	9,660.2

## 5-11a. Final Demand for Commercial Energy

Unit: 1,000 K.L. Oil Equivalent

Period	Grand Total	Domestic Consumption						Coal and Its Products
		Total	Electric Power					
			Subtotal	Hydro-Electric	Thermal-Electric	Nuclear	Cogeneration	
1955	2,740.3	2,387.0	449.6	291.9	157.7	-	-	1,418.2
1960	4,018.7	3,321.3	449.6	291.9	157.7	-	-	2,028.1
1965	6,735.5	5,779.4	1,627.9	550.0	1,077.9	-	-	2,485.0
1970	11,893.0	9,870.8	3,051.6	607.8	2,443.8	-	-	2,894.2
1975	17,334.0	16,172.7	5,405.1	1,177.0	4,228.1	-	-	1,898.8
1976	22,645.4	19,005.5	6,256.0	946.3	5,309.7	-	-	2,004.4
1977	24,762.8	20,801.4	7,044.7	914.7	6,107.6	22.4	-	1,897.8
1978	28,819.7	24,712.9	8,312.9	1,147.5	6,548.5	616.9	-	2,391.2
1979	29,844.5	26,816.3	9,238.7	1,062.9	6,702.8	1,473.0	-	2,252.6
1980	34,292.5	29,565.8	9,911.3	679.1	7,329.1	1,903.1	-	2,491.8
1981	32,964.1	28,517.6	9,760.2	1,115.7	6,160.4	2,484.1	-	2,554.3
1982	31,780.0	28,976.0	10,130.8	1,113.9	5,792.5	3,048.4	175.9	3,406.2
1983	35,450.3	31,806.3	11,308.3	1,158.1	5,553.6	4,389.1	207.5	4,086.0
1984	38,095.0	33,967.6	12,365.8	1,030.9	5,421.6	5,723.2	190.1	4,004.9
1985	39,511.6	35,886.4	12,988.6	1,591.2	4,601.7	6,599.8	196.0	4,456.9
1986	41,608.9	39,220.1	14,551.9	1,703.6	6,471.5	6,186.5	190.3	4,827.6
1987	45,828.6	42,236.8	16,100.1	1,616.2	6,753.2	7,521.8	209.0	5,035.8
1988	51,392.5	46,772.3	17,838.0	1,408.8	9,030.6	7,017.6	380.8	6,725.7
1989	52,799.9	49,288.7	19,449.5	1,513.5	10,541.5	6,404.5	989.9	6,696.4
1990	58,605.1	52,009.9	20,857.5	1,861.0	10,386.0	7,469.8	1,140.7	6,646.9
1991	58,493.5	55,187.0	23,107.9	1,259.1	12,289.7	8,067.0	1,492.2	6,833.5
1992	64,123.9	58,247.5	24,561.2	1,922.1	12,870.5	7,789.6	1,979.0	6,945.2
1993	68,387.6	61,574.7	26,075.2	1,542.6	14,372.0	7,887.5	2,273.2	7,522.0
1994	73,035.2	66,054.5	27,888.0	2,014.5	15,504.3	7,904.7	2,464.6	7,625.7
1995	79,676.5	68,963.7	29,629.7	2,021.8	16,964.4	8,041.1	2,602.4	7,618.6
1996	83,297.6	72,258.5	31,449.8	2,064.6	17,842.2	8,626.4	2,916.5	7,704.5
1997	88,282.9	76,845.3	34,137.7	2,206.4	20,196.1	8,364.7	3,370.6	8,979.5
1998	92,142.5	80,782.5	36,590.8	2,378.0	22,256.8	8,255.1	3,700.9	9,727.1
1999	99,211.3	85,164.5	39,867.8	2,081.8	24,248.6	8,943.6	4,593.8	9,195.4
2000	104,930.8	90,635.6	44,162.1	2,135.0	27,020.0	9,267.6	5,739.5	10,031.7
2001	108,521.4	94,828.4	45,135.4	2,090.9	26,532.6	8,092.1	8,419.7	10,534.8
2002	113,229.6	100,282.3	47,467.2	1,460.1	28,031.0	9,081.0	8,895.0	10,959.8
2003	121,220.2	103,420.1	49,623.3	1,571.5	29,551.1	8,863.6	9,637.1	11,071.0

Source: See Table 5-10a.

## 5-11b. Final Demand for Commercial Energy (Continued)

Unit: 1,000 K.L. Oil Equivalent

Period	Domestic Consumption			Export			Inter-national Marine Bunkers	Inventory Change	Loss and Statistical Discrepancy	Electricity to Pump Up
	Petroleum Products	Natural Gas	Liquefied Natural Gas	Total	Petroleum Products	Coal and Its Products				
1955	493.5	25.7	-	262.7	169.5	93.2	-	-92.4	183.0	-
1960	820.5	23.1	-	488.9	308.5	180.4	-	-77.7	286.2	-
1965	1,425.9	240.6	-	375.0	372.1	2.9	-	170.5	410.6	-
1970	3,227.9	697.1	-	1,049.9	1,028.7	21.2	-	108.4	863.9	-
1975	7,294.3	1,574.5	-	762.1	750.3	11.8	-	-863.0	1,262.2	-
1976	9,195.9	1,549.2	-	1,283.4	1,274.9	8.5	-	320.1	2,036.4	-
1977	10,109.0	1,749.9	-	1,539.0	1,531.2	7.8	-	555.8	1,866.6	-
1978	12,123.6	1,885.2	-	1,960.3	1,956.5	3.8	-	-208.2	2,354.7	-
1979	13,568.3	1,756.7	-	1,083.3	1,077.8	5.5	-	-546.1	2,491.0	-
1980	15,415.2	1,747.5	-	363.4	357.9	5.5	233.8	1,848.5	2,281.0	-
1981	14,673.0	1,530.1	-	748.6	741.0	7.6	153.6	2,330.2	1,214.1	-
1982	14,208.1	1,230.9	-	567.2	560.5	6.7	256.7	884.5	1,095.6	-
1983	15,161.4	1,250.6	-	1,063.4	1,056.7	6.7	468.2	144.7	1,967.7	-
1984	16,330.8	1,266.1	-	1,526.5	1,517.5	9.0	578.6	346.6	1,662.6	13.2
1985	17,311.1	1,129.8	-	1,827.4	1,821.2	6.2	570.1	-363.0	1,276.0	314.6
1986	18,819.3	1,021.2	-	1,062.8	1,052.9	9.8	918.5	-759.8	732.7	434.6
1987	20,044.7	1,056.1	-	1,052.1	1,042.5	9.6	1,018.1	717.0	251.5	553.2
1988	21,060.6	1,148.1	-	798.3	796.6	1.7	1,307.5	2,153.9	-137.8	498.2
1989	21,999.5	1,143.3	-	1,284.3	1,282.3	2.0	1,802.6	-819.2	676.6	567.0
1990	22,974.6	1,184.3	346.6	392.0	391.7	0.3	1,700.4	3,199.2	749.2	554.5
1991	23,071.8	1,363.1	810.7	591.5	591.5	0.0	1,608.5	-1,314.6	1,872.0	549.1
1992	24,427.5	1,481.8	831.8	738.3	738.3	0.0	2,208.6	505.4	1,861.3	562.8
1993	25,642.4	1,493.3	841.8	1,264.3	1,264.3	0.0	2,107.7	779.9	1,858.6	802.4
1994	28,017.0	1,556.5	967.2	918.7	918.7	0.0	2,316.5	1,673.3	907.4	1,163.8
1995	28,993.7	1,667.0	1,054.7	1,815.8	1,815.8	0.0	2,644.9	2,835.6	2,174.0	1,242.5
1996	30,301.7	1,673.4	1,129.1	2,445.7	2,445.7	0.0	2,576.0	2,190.7	2,470.3	1,356.5
1997	30,958.6	1,662.9	1,106.7	3,344.9	3,344.9	0.0	3,058.2	1,274.9	2,396.4	1,363.1
1998	31,652.4	1,651.5	1,160.7	1,896.2	1,896.2	0.0	3,383.1	1,747.3	2,948.2	1,385.3
1999	33,533.8	1,532.5	1,034.9	2,452.6	2,452.6	0.0	4,237.6	3,682.5	2,465.7	1,208.5
2000	33,886.9	1,512.0	1,042.9	2,719.2	2,719.2	0.0	3,854.7	6,282.0	247.9	1,191.4
2001	36,757.5	1,402.8	997.8	5,237.4	5,237.4	0.0	2,799.2	1,818.2	2,571.0	1,267.2
2002	39,258.8	1,325.8	1,270.7	7,321.4	7,321.4	0.0	2,690.0	-370.4	2,123.1	1,183.2
2003	40,296.2	1,340.0	1,089.6	11,546.3	11,546.3	0.0	3,303.9	-1,104.5	2,786.6	1,267.8

5-12a. Final Consumption of Commercial Energy by Sector

Unit: 1,000 K.L. Oil Equivalent

Period	Grand Total	Energy Use						
		Total	Agricultural Sector	Industrial Sector				
				Subtotal	Mining	Food	Chemicals	Textiles
1955	2,387.0	2,387.0	100.4	1,051.2	8.1	144.2	275.9	80.6
1960	3,839.2	3,839.2	176.1	2,000.1	10.8	197.3	560.6	131.7
1965	5,779.2	5,779.2	300.1	3,315.8	22.1	250.3	1,017.2	202.4
1970	9,870.6	9,870.6	409.9	6,070.8	48.6	394.3	2,045.2	615.9
1975	15,915.7	15,915.7	735.4	9,066.9	81.2	609.2	3,076.7	1,274.8
1976	19,005.5	18,668.1	775.0	10,390.7	83.3	672.5	3,520.5	1,408.6
1977	20,801.4	20,392.5	777.7	11,843.6	86.9	688.8	4,060.6	1,495.2
1978	24,713.0	24,292.8	838.7	14,192.8	106.2	786.0	4,806.1	1,702.9
1979	26,816.3	26,474.7	989.1	15,527.9	136.7	849.5	5,028.7	1,787.5
1980	29,579.4	29,093.1	1,003.8	16,372.1	157.5	821.9	5,239.9	1,800.0
1981	28,521.6	28,097.5	935.4	15,328.3	172.3	726.0	4,997.3	1,743.2
1982	28,976.0	28,521.4	986.8	15,390.8	159.0	736.3	4,635.2	1,728.2
1983	31,806.2	31,354.1	1,080.9	16,868.3	167.2	765.5	5,113.7	1,888.8
1984	33,967.6	33,483.8	1,182.6	17,843.5	181.8	797.6	5,824.5	2,053.4
1985	35,886.4	35,347.1	1,219.5	18,859.6	149.2	853.7	6,427.1	2,127.6
1986	39,220.1	38,666.3	1,234.3	21,014.0	103.7	956.4	7,310.7	2,373.8
1987	42,236.7	41,658.4	1,391.4	22,423.6	80.7	1,008.1	7,805.5	2,536.4
1988	46,772.4	46,114.3	1,422.6	25,156.8	82.3	1,055.7	8,310.7	2,661.7
1989	49,288.7	48,267.0	1,388.8	25,647.8	84.2	1,101.7	8,179.1	2,714.4
1990	52,009.9	50,943.3	1,453.3	26,483.9	77.2	1,153.5	8,645.2	2,696.6
1991	55,187.0	54,026.9	1,404.9	27,819.6	78.6	1,179.4	8,799.1	2,891.9
1992	58,247.5	57,054.1	1,371.4	28,974.3	78.0	1,212.0	9,344.1	3,037.5
1993	61,574.7	60,281.7	1,412.3	30,132.9	80.3	1,197.9	9,670.9	2,994.8
1994	66,054.5	64,744.5	1,438.3	32,155.5	80.9	1,218.3	11,030.9	3,061.2
1995	68,963.7	67,684.4	1,490.5	33,361.0	78.1	1,221.2	11,696.0	3,084.4
1996	72,258.5	70,763.6	1,543.5	34,407.1	75.4	1,234.9	12,237.8	3,275.6
1997	76,845.3	75,317.5	1,442.5	37,951.8	84.0	1,245.0	13,100.2	3,480.2
1998	80,782.5	78,797.8	1,245.2	39,352.9	117.3	1,247.4	13,337.5	3,660.4
1999	85,164.5	82,920.7	1,304.5	40,787.3	115.5	1,276.4	14,241.0	3,859.0
2000	90,635.6	88,283.5	1,461.4	43,896.7	119.6	1,309.4	15,567.5	3,992.1
2001	94,828.4	93,101.8	1,487.5	47,792.7	115.4	1,243.4	20,050.0	3,606.6
2002	100,282.3	98,256.4	1,510.0	51,707.0	122.8	1,239.0	22,582.3	3,448.7
2003	103,420.1	101,296.7	1,662.1	52,885.0	122.8	1,238.5	23,833.4	3,193.0

Source: See Table 5-10a.

## 5-12b. Final Consumption of Commercial Energy by Sector (Continued)

Unit: 1,000 K.L. Oil Equivalent

Period	Energy Use							Non-Energy Use
	Industrial Sector				Energy Sector	Transportation Sector	Other Sectors	
	Wood	Mineral Products	Metallic Products	Other Mfg.				
1955	82.9	233.9	104.3	121.3	199.8	242.6	793.0	-
1960	192.8	507.4	256.1	143.4	317.0	342.1	1,003.9	-
1965	310.0	872.1	447.1	194.6	429.0	391.2	1,343.1	-
1970	540.8	1,397.2	667.5	361.3	699.1	700.9	1,989.9	-
1975	682.6	1,752.5	873.6	716.3	1,078.9	1,732.5	3,302.0	-
1976	799.6	2,033.0	978.8	894.5	1,438.8	2,051.9	4,011.7	337.4
1977	854.3	2,256.5	1,401.2	999.9	1,481.3	2,290.9	3,999.1	408.9
1978	969.8	2,509.5	2,209.2	1,103.0	1,800.0	2,715.2	4,746.1	420.2
1979	1,094.0	2,959.4	2,462.6	1,209.5	1,952.3	3,052.6	4,952.8	341.6
1980	1,121.4	3,385.1	2,543.3	1,303.1	2,837.6	3,580.7	5,298.9	486.3
1981	1,067.5	3,191.6	2,099.4	1,331.0	2,726.2	3,628.2	5,479.4	424.1
1982	1,017.3	2,882.8	2,930.4	1,301.5	2,594.1	3,777.6	5,772.2	454.6
1983	1,027.6	3,072.5	3,293.7	1,539.2	2,828.6	4,125.4	6,450.9	452.1
1984	1,111.8	3,022.3	3,118.2	1,733.9	3,165.6	4,535.2	6,756.9	483.8
1985	1,098.9	3,031.2	3,429.0	1,742.8	3,358.0	4,750.9	7,159.1	539.3
1986	1,246.0	3,071.3	3,838.4	2,113.6	3,533.7	5,131.4	7,752.9	553.8
1987	1,384.2	3,208.8	3,994.7	2,405.3	3,510.1	5,765.8	8,567.5	578.3
1988	1,478.0	3,583.6	5,337.6	2,647.3	3,453.8	6,613.0	9,468.0	658.1
1989	1,526.2	3,792.5	5,469.2	2,780.6	3,472.0	7,412.4	10,346.0	1,021.7
1990	1,595.4	3,833.0	5,490.2	2,992.7	3,719.1	8,074.1	11,212.8	1,066.6
1991	1,714.6	4,027.7	5,742.9	3,385.3	3,802.8	8,629.7	12,369.9	1,160.1
1992	1,731.6	4,282.9	5,735.5	3,552.6	3,785.9	9,967.3	12,955.1	1,193.4
1993	1,629.8	4,667.2	6,299.0	3,592.9	4,029.6	10,877.2	13,829.7	1,293.0
1994	1,698.7	4,745.3	6,500.8	3,819.2	4,455.2	11,653.9	15,041.6	1,310.0
1995	1,726.8	4,570.7	6,755.5	4,228.1	4,650.7	12,329.6	15,852.6	1,279.3
1996	1,776.9	4,366.7	6,833.7	4,606.0	4,833.0	12,834.0	17,146.1	1,494.9
1997	1,829.5	4,120.9	8,825.8	5,266.1	4,962.0	13,166.3	17,795.0	1,527.8
1998	1,738.4	4,015.0	9,952.9	5,284.1	5,274.4	13,809.4	19,115.8	1,984.7
1999	1,749.6	3,778.2	9,698.4	6,069.3	5,616.1	14,522.0	20,690.8	2,243.8
2000	1,731.7	3,707.4	10,193.8	7,275.1	6,104.1	14,737.7	22,083.6	2,352.1
2001	1,596.3	3,358.3	10,179.8	7,642.9	6,317.5	14,622.9	22,881.3	1,726.6
2002	1,593.7	3,663.3	10,409.4	8,647.9	6,170.9	15,262.9	23,605.6	2,025.9
2003	1,562.5	3,571.9	10,581.7	8,781.2	6,376.1	15,293.8	25,079.7	2,123.4

## 5-13. 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
1976	43,809	6,749	4,607	9,574	3,942	2,398	5,398	7,105	1,003	3,033
1977	47,704	6,991	5,117	10,319	4,249	2,620	5,991	7,935	1,099	3,383
1978	52,849	7,290	6,087	11,440	4,669	2,854	6,668	9,647	1,216	2,978
1979	59,449	7,887	6,486	12,807	5,136	3,152	7,685	11,778	1,378	3,140
1980	55,421	7,177	6,106	11,936	4,846	3,064	7,464	11,220	1,225	2,383
1981	60,277	7,176	6,317	11,570	4,927	3,097	8,234	11,606	2,272	5,078
1982	59,223	6,870	6,211	11,515	4,706	2,973	8,280	9,418	2,325	6,925
1983	63,220	6,907	6,671	11,951	4,777	3,008	9,234	9,781	2,509	8,382
1984	61,008	6,367	6,568	10,784	4,109	2,824	9,072	11,997	2,374	6,913
1985	68,145	6,428	7,247	11,606	4,410	3,225	9,476	14,692	2,602	8,459
1986	76,886	6,712	8,159	12,730	4,928	3,468	11,507	16,524	3,048	9,810
1987	83,546	6,805	8,623	13,861	4,988	3,647	12,932	18,945	3,495	10,250
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

(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 (1) ( NT\$ million )			Ratio of Government R&D Expenditure to that of Private Sector	R&D Expenditure as a Percentage of GDP (%)	R&D Expenditure by Industry as a Percentage of Sales (%)
	Total	Public Funds	Private Funds			
1993	103,617	50,732	52,885	49.0:51.0	1.75	1.05
1994	114,682	54,386	60,296	47.4:52.6	1.77	1.04
1995	125,031	54,694	70,337	43.7:56.3	1.78	1.02
1996	137,955	57,386	80,569	41.6:58.4	1.80	1.07
1997	156,321	62,830	93,491	40.2:59.8	1.88	1.12
1998	176,455	67,581	108,874	38.3:61.7	1.97	1.24
1999	190,520	72,127	118,394	37.9:62.1	2.05	1.23
2000	197,631	74,167	123,464	37.5:62.5	2.05	1.10
2001	204,974	75,790	129,184	37.0:63.0	2.16	1.21
2002	224,428	85,464	138,964	38.1:61.9	2.30	1.17

(1) Defense R&D excluded prior to 2002 but included thereafter in this and related tables.

Source: National Science Council, R.O.C., *Indicators of Science and Technology, Republic of China, 2003.*

6-2. R&D Manpower Indicators

Period	R&D Manpower (persons)				Researchers Per 10,000 Population	Researchers Per 10,000 Labor Force Participants	R&D Expenditure Per Researcher (NT\$ million)
	Total	Researchers	Technicians	Supporting Personnel			
1993	90,918	54,905	23,720	12,293	26.2	61.9	1.89
1994	95,088	58,156	24,067	12,865	27.5	64.0	1.97
1995	105,822	66,478	25,635	13,709	31.2	72.2	1.88
1996	116,853	71,611	28,987	16,255	33.4	76.9	1.93
1997	129,165	76,588	34,021	18,556	35.3	81.2	2.04
1998	129,305	83,209	30,535	15,561	38.0	87.1	2.12
1999	134,845	87,454	31,465	15,926	39.7	90.4	2.18
2000	137,622	87,394	33,713	16,515	39.3	89.4	2.26
2001	138,409	89,118	33,007	16,283	39.9	90.7	2.30
2002	150,200	95,421	37,448	17,331	42.5	95.7	2.35

Source: See Table 6-1.

### 6-3. Science and Technology Indicators

Period	Domestic Patent Applications (cases)			Domestic Patents Granted (cases)		
	Total	Chinese	Foreign	Total	Chinese	Foreign
1992	38,554	26,118	12,436	21,264	12,298	8,966
1993	41,185	28,426	12,759	22,317	15,414	6,903
1994	42,412	29,307	13,105	19,032	12,563	6,469
1995	43,461	28,900	14,561	29,707	20,717	8,990
1996	47,055	31,185	15,870	29,469	19,410	10,059
1997	53,164	33,657	19,507	29,356	19,551	9,805
1998	54,003	34,243	19,760	25,051	16,417	8,634
1999	51,921	32,643	19,278	29,144	18,052	11,092
2000	61,231	36,369	24,862	38,665	23,737	14,928
2001	67,860	40,210	27,650	53,789	32,310	21,479
2002	61,402	35,926	25,476	45,042	24,846	20,196

Source: See Table 6-1.

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

Unit: NT\$ million

Period	Total		Public Sector (1)		Private Sector			
					Domestic		Foreign	
	amount	%	amount	%	amount	%	amount	%
1992	94,828	100.0	49,509	52.2	44,803	47.3	516	0.5
1993	103,617	100.0	50,732	49.0	52,779	50.9	106	0.1
1994	114,682	100.0	54,386	47.4	60,135	52.5	161	0.1
1995	125,031	100.0	54,694	43.7	70,229	56.2	108	0.1
1996	137,955	100.0	57,386	41.6	80,293	58.2	276	0.2
1997	156,321	100.0	62,830	40.2	93,362	59.7	129	0.1
1998	176,455	100.0	67,581	38.3	108,718	61.6	156	0.1
1999	190,520	100.0	72,127	37.9	118,283	62.0	110	0.1
2000	197,631	100.0	74,167	37.5	123,390	62.5	74	0.0
2001	204,974	100.0	75,790	37.0	129,149	63.0	35	0.0
2002	224,428	100.0	85,464	38.1	138,926	61.9	38	0.0

(1) Figures refer to government and public industry.

Source: See Table 6-1.

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

Unit: NT\$ million

Period	Total		Business Firms		S & T Research Institutes		Universities and Colleges	
	amount	%	amount	%	amount	%	amount	%
1992	94,828	100.0	49,825	52.6	31,316	33.0	13,687	14.4
1993	103,617	100.0	58,968	56.9	29,697	28.7	14,952	14.4
1994	114,682	100.0	65,921	57.5	31,448	27.4	17,313	15.1
1995	125,031	100.0	71,972	57.6	35,560	28.4	17,499	14.0
1996	137,955	100.0	79,806	57.9	40,592	29.4	17,557	12.7
1997	156,321	100.0	95,968	61.4	42,025	26.9	18,328	11.7
1998	176,455	100.0	111,422	63.1	45,378	25.7	19,655	11.1
1999	190,520	100.0	120,597	63.3	47,720	25.0	22,204	11.7
2000	197,631	100.0	123,839	62.7	50,052	25.3	23,740	12.0
2001	204,974	100.0	128,164	62.5	51,518	25.1	25,292	12.3
2002	224,428	100.0	137,139	61.1	59,954	26.7	27,335	12.2

Source: See Table 6-1.

6-6. R&D Expenditure by Type of Research

Unit: NT\$ million

Period	Total		Basic Research		Applied Research		Experimental Development	
	amount	%	amount	%	amount	%	amount	%
1992	94,828	100.0	10,999	11.6	34,744	36.6	49,085	51.8
1993	103,617	100.0	12,887	12.4	37,523	36.2	53,207	51.3
1994	114,682	100.0	15,714	13.7	40,809	35.6	58,159	50.7
1995	125,031	100.0	15,311	12.2	35,906	28.7	73,814	59.0
1996	137,955	100.0	15,223	11.0	41,463	30.1	81,269	58.9
1997	156,321	100.0	15,715	10.1	47,444	30.4	93,162	59.6
1998	176,455	100.0	17,886	10.1	55,001	31.2	103,569	58.7
1999	190,520	100.0	20,115	10.6	60,253	31.6	110,153	57.8
2000	197,631	100.0	20,462	10.4	59,288	30.0	117,880	59.6
2001	204,974	100.0	22,143	10.8	59,914	29.2	122,917	60.0
2002	224,428	100.0	24,725	11.0	60,399	26.9	139,305	62.1

Source: See Table 6-1.

## 6-7. R&amp;D Expenditure by Field of Research

Unit: NT\$ million

Period	Total		Natural Sciences		Engineering		Medical Sciences		Agricultural Sciences		Social Sciences & Humanities	
	amount	%	amount	%	amount	%	amount	%	amount	%	amount	%
1992	94,828	100.0	7,756	8.2	70,641	74.5	4,545	4.8	9,047	9.5	2,839	3.0
1993	103,617	100.0	8,527	8.2	75,867	73.2	5,044	4.9	10,201	9.8	3,978	3.9
1994	114,682	100.0	9,530	8.3	83,018	72.4	6,849	6.0	10,437	9.1	4,848	4.2
1995	125,031	100.0	9,145	7.3	93,966	75.2	6,412	5.1	10,635	8.5	4,873	3.9
1996	137,955	100.0	8,475	6.1	107,993	77.9	7,461	5.4	9,906	7.2	4,733	3.4
1998	176,455	100.0	12,729	7.2	137,153	77.7	9,386	5.3	10,882	6.2	6,306	3.6
1999	190,520	100.0	17,026	9.0	145,347	76.3	11,088	5.8	10,135	5.3	6,924	3.6
2000	197,631	100.0	15,642	7.9	152,320	77.0	12,979	6.6	9,658	4.9	7,033	3.6
2001	204,974	100.0	19,482	9.5	152,432	74.4	14,853	7.2	10,253	5.0	7,954	3.9
2002	224,428	100.0	18,452	8.2	171,554	76.4	16,018	7.1	10,483	4.7	7,922	3.5

Source: See Table 6-1.

## 6-8. R&amp;D Expenditure as a Percentage of GDP by Country

Unit: %

Period	R.O.C. (1)	Japan	U.S.A.	Germany	France	United Kingdom	Korea (2)	Mainland China
1992	1.78	-	2.74	2.48**	2.42	2.13	-	0.60
1993	1.75	-	2.61	2.43	2.45	2.15	-	0.60
1994	1.77	-	2.52	2.32**	2.38	2.11	-	0.50
1995	1.78	-	2.61	2.26**	2.31	1.99	-	0.60
1996	1.80	2.83	2.54	2.26**	2.30	1.91	2.60	0.60
1997	1.88	2.83	2.58	2.29	2.22	1.81	2.69	0.68
1998	1.97	2.94	2.60	2.31**	2.17	1.80	2.55	0.70
1999	2.05	2.94	2.65	2.44	2.18	1.88	2.47	0.83
2000	2.05	2.98	2.72	2.49**	2.18	1.85	2.65	1.00
2001	2.16	3.09	2.82*	2.49**	2.20*	1.90	2.96	1.09
2002	2.30	-	2.82	2.50**	-	-	-	-

(1) See note (1) of Table 6-1.

(2) Excluding R&amp;D in the social sciences and humanities.

(3) \* Provisional Data; \*\* Estimates.

Source: See Table 6-1.

## **7. TRANSPORTATION AND COMMUNICATIONS**

## 7-1. Indices of Transportation and Communications

Period	Total		Transportation		Communications	
	Index (2001=100)	Growth Rate (%)	Index (2001=100)	Growth Rate (%)	Index (2001=100)	Growth Rate (%)
1952	2.88	-	5.12	-	0.20	-
1955	5.26	20.1	9.32	19.9	0.40	25.0
1960	8.29	3.9	14.21	4.0	1.21	1.7
1965	12.40	11.5	21.63	12.4	1.37	-1.4
1970	18.84	7.7	32.84	7.4	2.10	12.9
1975	33.38	10.2	58.33	10.5	3.54	4.4
1976	38.27	14.6	67.19	15.2	3.68	4.0
1977	40.17	5.0	70.10	4.3	4.38	19.0
1978	43.41	8.1	75.43	7.6	5.11	16.7
1979	48.37	11.4	79.83	5.8	10.74	110.2
1980	51.49	6.5	84.08	5.3	12.51	16.5
1981	58.26	13.1	93.82	11.6	15.72	25.7
1982	60.65	4.1	96.13	2.5	18.22	15.9
1983	62.60	3.2	97.68	1.6	20.63	13.2
1984	65.19	4.1	100.66	3.1	22.76	10.3
1985	64.99	-0.3	98.81	-1.8	24.53	7.8
1986	65.48	0.8	97.58	-1.2	27.09	10.4
1987	68.07	4.0	98.95	1.4	31.14	15.0
1988	67.12	-1.4	96.42	-2.6	32.07	3.0
1989	67.79	1.0	94.61	-1.9	35.72	11.4
1990	71.26	5.1	100.16	5.9	36.70	2.7
1991	74.10	4.0	103.58	3.4	38.84	5.8
1992	77.16	4.1	102.80	-0.8	46.50	19.7
1993	80.91	4.9	104.70	1.8	52.45	12.8
1994	82.79	2.3	101.85	-2.7	59.99	14.4
1995	82.92	0.2	98.97	-2.8	63.72	6.2
1996	78.62	-5.2	98.85	-0.1	54.42	-14.6
1997	74.06	-5.8	95.63	-3.3	48.26	-11.3
1998	83.11	12.2	101.26	5.9	61.41	27.2
1999	91.48	10.1	103.98	2.7	76.53	24.6
2000	99.52	8.8	105.97	1.9	91.79	19.9
2001	100.00	0.5	100.00	-5.6	100.00	8.9
2002	105.83	5.8	101.76	1.8	110.71	10.7
2003	109.09	3.1	96.58	-5.1	124.05	12.0

Source: Ministry of Transportation and Communications, R.O.C., *Monthly Statistics of Transportation and Communications*, Feb. 2004.

## 7-2. Track Length and Number of Railway Stations (1)

End of Year	Total Track Length (km)	Route Length (km)	Number of Stations
1952	1,695	940	210
1955	1,717	950	224
1960	1,818	973	242
1965	1,852	975	236
1970	2,076	1,000	244
1975	2,189	1,000	240
1976	2,216	1,008	241
1977	2,263	1,001	242
1978	2,235	1,004	242
1979	2,367	1,004	242
1980	2,526	1,091	256
1981	2,514	1,091	254
1982	2,512	1,075	238
1983	2,558	1,075	238
1984	2,586	1,075	238
1985	2,631	1,082	236
1986	2,649	1,082	234
1987	2,646	1,082	234
1988	2,635	1,072	225
1989	2,635	1,072	221
1990	2,635	1,062	219
1991	2,635	1,045	211
1992	2,789	1,108	219
1993	2,780	1,108	220
1994	2,771	1,108	219
1995	2,695	1,108	218
1996	2,947	1,156	218
1997	2,674	1,156	218
1998	2,655	1,142	216
1999	2,649	1,129	216
2000	2,655	1,125	216
2001	2,615	1,119	215
2002	2,573	1,119	215
2003	2,629	1,117	216

(1) Figures refer to railways of Taiwan Railway Administration only.

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

## 7-3. Length of Roads

Unit: Km

End of Year	Total	Highway						Urban
		Sub-Total	National	Provincial	District	Rural	Private	
1952	14,734	14,734	-	1,364	2,815	10,555	-	-
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	-
1976	17,100	17,100	44	3,892	2,332	10,459	373	-
1977	17,225	17,225	162	3,941	2,319	10,426	377	-
1978	17,447	17,447	373	3,947	2,323	10,427	377	-
1979	17,454	17,454	373	3,948	2,327	10,428	378	-
1980	17,487	17,487	373	3,979	2,330	10,427	378	-
1981	17,521	17,521	373	3,981	2,330	10,451	386	-
1982	17,571	17,571	373	4,024	2,332	10,449	393	-
1983	19,841	19,841	381	4,040	2,472	12,559	389	-
1984	19,869	19,869	382	4,051	2,568	12,479	389	-
1985	19,857	19,857	382	4,100	2,593	12,394	388	-
1986	19,885	19,885	382	4,107	2,612	12,396	388	-
1987	19,946	19,946	382	4,102	2,622	12,452	388	-
1988	19,983	19,983	382	4,127	2,626	12,460	388	-
1989	19,998	19,998	382	4,125	2,640	12,463	388	-
1990	20,060	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	11,470
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	33,607	20,144	507	4,321	2,461	12,465	390	13,463
1998	34,880	20,201	517	4,376	2,451	12,467	390	14,679
1999	35,751	20,298	572	4,424	2,446	12,466	390	15,453
2000	35,931	20,375	608	4,447	2,455	12,475	390	15,556
2001	36,624	20,607	718	4,468	3,401	11,630	390	16,017
2002	36,678	20,816	789	4,573	3,426	11,613	415	15,862
2003	37,342	20,947	872	4,621	3,426	11,613	415	16,395

Source: See Table 7-2.

7-4. Number of Motor Vehicles Registered (1)

Unit: Vehicles

End of Year	Total	Buses		Sedans		Trucks & Wagons		Vehicles for Special Purposes (2)	Motor-cycles (3)	Others
		For Business	Private Use	For Business	Private Use	For Business	Private 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	1,500
1965	105,590	4,110	843	6,156	8,943	6,904	5,634	2,925	68,198	1,877
1970	819,104	6,365	1,589	20,692	28,849	14,155	26,850	2,875	701,421	16,308
1975	1,986,996	9,975	2,468	40,638	104,222	22,356	84,643	5,391	1,705,236	12,067
1976	2,347,298	11,063	2,661	43,568	127,416	25,194	104,659	6,068	2,009,698	16,971
1977	3,786,562	12,052	2,852	50,548	159,373	29,801	119,721	6,999	2,394,646	10,570
1978	3,167,559	12,034	2,925	60,846	194,821	31,408	129,901	7,594	2,718,055	9,975
1979	3,911,439	12,511	3,754	67,875	272,758	35,929	165,373	8,877	3,334,926	9,436
1980	4,665,433	13,535	4,469	67,166	358,277	33,768	203,753	10,106	3,965,515	8,844
1981	5,413,407	14,064	4,726	68,239	438,052	36,338	241,528	11,142	4,591,547	7,771
1982	6,045,268	14,248	4,933	73,349	518,805	37,252	277,303	11,688	5,100,500	7,190
1983	6,674,135	14,840	5,618	77,617	610,243	39,125	313,435	12,055	5,594,609	6,593
1984	7,342,801	14,843	5,602	82,508	724,647	41,419	347,040	12,482	6,109,083	5,177
1985	7,949,993	15,016	5,829	85,283	830,315	42,191	366,335	12,079	6,588,854	4,091
1986	8,696,045	15,722	5,976	90,035	956,625	44,435	373,777	13,778	7,194,202	1,495
1987 (4)	7,539,269	15,677	5,851	95,221	1,154,180	48,462	398,807	15,699	5,805,373	577
1988	8,426,863	15,910	5,824	98,551	1,461,360	54,175	436,475	16,972	6,337,596	247
1989	9,284,463	15,835	5,650	100,747	1,829,028	56,381	495,547	21,198	6,760,077	245
1990	10,051,574	15,142	5,695	103,043	2,160,375	58,691	540,531	22,465	7,145,628	245
1991	10,611,036	14,739	5,381	100,679	2,440,685	60,763	555,565	24,049	7,409,175	245
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	-

(1) Excluding military vehicles. (2) Including ambulances, fire engines, sanitary trucks, water tanks and postal service vehicles.

(3) Figures for years prior to 1968 exclude units with an engine displacement of less than 50 c. c.

(4) From June 1987 to April 1995, figures are adjusted number of registered motor vehicles.

Source: See Table 7-1.

7-5. 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
1976	62	475	134	1,036
1977	63	478	135	1,024
1978	62	485	130	1,018
1979	66	485	135	999
1980	70	486	142	982
1981	70	487	139	966
1982	70	488	136	952
1983	71	551	137	1,059
1984	72	552	136	1,045
1985	73	552	137	1,031
1986	74	552	136	1,022
1987	74	554	135	1,014
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	82	911	137	1,527
1997	74	934	123	1,551
1998	74	969	121	1,596
1999	74	994	120	1,624
2000	74	998	119	1,617
2001	73	1,019	117	1,639
2002	71	1,019	114	1,634
2003	73	1,037	117	1,657

(1) See note (1) of Table 7-2.

Sources: The data are provided by the Ministry of Transportation and Communications, and Ministry of the Interior, R.O.C.

7-6. Railway and Motor Carriers Traffic

Period	Passenger Traffic						Freight Traffic					
	Passengers (million)			Passenger-Kilometers (million)			Tonnage (1,000 m.t.)			Ton-Kilometers (million)		
	Total	Railway(1)	Motor	Total	Railway(1)	Motor	Total	Railway(1)	Motor (2)	Total	Railway(1)	Motor (2)
1952	226	65	161	3,257	1,750	1,507	10,828	8,231	2,597	1,223	1,159	64
1955	404	78	326	5,404	2,351	3,053	16,161	10,461	5,700	1,744	1,588	156
1960	577	102	475	7,764	3,406	4,358	20,942	12,145	8,797	2,230	1,913	317
1965	840	116	724	11,040	4,281	6,759	29,421	14,323	15,098	2,840	2,232	608
1970	1,342	129	1,213	17,293	6,114	11,179	50,819	14,801	36,018	3,841	2,477	1,364
1975	2,074	143	1,931	27,228	8,221	19,007	105,407	16,534	88,873	6,366	2,528	3,838
1976	2,247	140	2,107	29,838	8,412	21,426	111,492	17,001	94,491	7,624	2,700	4,924
1977	2,334	129	2,205	31,520	8,070	23,450	112,577	16,178	96,399	7,943	2,462	5,481
1978	2,480	122	2,358	33,463	7,950	25,486	128,549	16,358	112,191	8,661	2,495	6,166
1979	2,325	128	2,197	33,389	7,275	26,114	141,383	16,701	124,682	9,643	2,516	7,127
1980	2,212	139	2,073	34,755	7,919	26,836	162,222	17,737	144,485	10,278	2,588	7,690
1981	2,160	131	2,029	34,048	7,947	26,101	199,552	16,906	182,646	11,120	2,393	8,727
1982	2,153	130	2,023	34,298	8,173	26,125	195,908	16,035	179,873	10,975	2,175	8,800
1983	2,148	130	2,018	34,384	8,524	25,860	207,351	17,846	189,505	11,395	2,466	8,929
1984	2,162	130	2,032	38,397	8,447	29,950	208,127	17,576	190,551	11,576	2,385	9,191
1985	2,154	131	2,023	38,363	8,299	30,064	206,810	17,085	189,725	11,409	2,186	9,223
1986	2,123	132	1,991	37,422	8,305	29,117	217,563	17,341	200,222	11,624	2,265	9,359
1987	2,043	134	1,909	36,909	8,446	28,463	245,771	19,056	226,715	12,985	2,399	10,586
1988	1,946	132	1,814	30,707	8,223	22,484	258,482	18,203	240,279	13,518	2,178	11,340
1989	1,817	127	1,690	33,506	8,133	25,373	262,470	18,081	244,389	13,507	2,013	11,494
1990	1,698	132	1,566	33,455	8,312	25,143	262,199	16,401	245,798	13,336	1,793	11,543
1991	1,639	137	1,502	33,592	8,611	24,981	270,173	16,416	254,297	13,718	1,904	11,814
1992	1,570	149	1,421	29,192	9,353	19,839	285,742	17,787	267,955	14,283	2,063	12,220
1993	1,513	157	1,356	28,953	9,542	19,411	321,448	19,779	301,669	14,831	1,964	12,867
1994	1,449	160	1,289	27,500	9,505	17,995	333,041	19,605	313,436	15,038	1,947	13,091
1995	1,363	160	1,203	25,640	9,489	16,151	310,386	19,210	291,176	14,337	1,845	12,492
1996	1,326	159	1,167	24,390	8,969	15,421	305,927	16,481	289,446	13,531	1,540	11,991
1997	1,328	165	1,163	23,671	9,254	14,417	293,929	16,949	276,980	13,632	1,467	12,165
1998	1,327	172	1,155	24,082	9,784	14,298	377,051	17,084	359,967	18,793	1,366	17,426
1999	1,331	182	1,149	24,225	9,978	14,247	366,324	16,663	349,661	19,749	1,279	18,470
2000	1,295	191	1,104	25,234	10,577	14,657	358,062	14,481	343,581	19,332	1,150	18,182
2001	1,277	186	1,091	25,274	10,037	15,237	312,354	12,371	299,983	18,720	985	17,735
2002	1,229	175	1,054	25,413	9,666	15,747	301,214	12,148	289,066	18,650	919	17,731
2003	1,149	161	988	23,573	8,726	14,847	314,963	11,198	303,765	19,010	846	18,164

(1) See note (1) of Table 7-2

(2) Figures for 1998 and after include tractors

Source: See Table 7-1.

7-7. Civil Aviation Transportation at Airports

Period	No. of Flights			Passenger Traffic				Freight Traffic			
	Total	International	Domestic	Total	International	Domestic	Transit	Total	International	Domestic	Transfers
				1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
				Passengers	Passengers	Passengers	Passengers	m.t.	m.t.	m.t.	m.t.
1952	5,133	-	-	26	-	-	-	3.1	-	-	-
1955	5,563	-	-	68	-	-	-	2.1	-	-	-
1960	8,276	-	-	122	-	-	-	4.6	-	-	-
1965	19,510	8,764	10,746	615	235	380	-	10.7	7.9	2.8	-
1970	66,582	26,102	40,480	2,533	997	1,536	-	45.9	33.7	12.2	-
1975	95,358	29,498	65,860	5,678	2,013	3,664	-	132.8	105.1	27.7	-
1976	114,611	31,619	82,992	7,626	2,434	4,761	431	152.7	119.3	33.4	-
1977	138,832	34,437	104,395	10,246	2,995	6,668	583	168.2	127.6	40.6	-
1978	144,956	34,042	110,914	11,488	3,119	7,799	570	183.1	139.5	43.6	-
1979	143,114	36,837	106,277	11,809	3,628	7,618	563	220.8	189.6	31.2	-
1980	126,898	37,089	89,809	11,198	3,759	6,150	1,289	237.1	212.2	24.9	-
1981	121,660	37,252	84,408	10,516	4,063	5,639	814	252.7	229.3	23.4	-
1982	128,647	37,177	91,470	10,649	4,136	5,493	1,020	253.9	229.4	24.5	-
1983	131,386	37,096	94,290	11,076	4,298	5,729	1,049	308.0	282.8	25.2	-
1984	138,627	38,970	99,657	11,916	4,519	6,342	1,055	337.6	309.6	28.0	-
1985	144,201	39,459	104,742	11,462	4,523	5,854	1,085	328.0	302.2	25.8	-
1986	143,115	40,566	102,549	11,156	4,828	5,302	1,026	424.6	403.0	21.6	-
1987	159,759	42,755	117,004	13,444	5,679	6,682	1,083	510.7	485.6	25.1	-
1988	177,493	47,183	130,310	15,760	7,129	7,614	1,017	542.8	516.1	26.7	-
1989	234,890	51,813	183,077	18,119	8,297	8,910	912	608.6	577.0	31.6	-
1990	251,823	60,691	191,132	19,888	9,680	9,043	1,165	662.1	625.4	36.7	-
1991	317,481	68,181	249,300	22,832	10,364	11,210	1,257	714.8	670.1	44.7	-
1992	377,816	77,542	300,274	28,237	12,117	14,875	1,245	816.4	763.3	53.1	-
1993	448,991	87,930	361,061	32,669	12,887	18,442	1,340	853.9	793.3	60.6	-
1994	535,627	100,383	435,244	38,703	13,673	23,299	1,731	880.3	809.5	70.8	-
1995	632,888	111,356	521,532	45,621	14,954	28,773	1,894	836.9	744.4	31.4	61.1
1996	700,964	123,931	577,033	54,103	16,157	35,902	2,044	885.2	791.8	29.4	64.0
1997	715,845	135,730	580,115	56,303	17,069	37,400	1,835	1,015.7	909.9	31.2	74.6
1998	638,344	135,023	503,321	51,650	16,440	33,294	1,916	1,032.8	936.4	26.4	70.0
1999	616,322	132,343	483,979	52,373	17,808	32,534	2,031	1,173.4	1,064.3	30.6	78.5
2000	586,560	138,379	448,181	48,407	19,780	26,650	1,976	1,338.3	1,214.9	33.9	89.5
2001	561,910	147,212	414,698	46,084	19,501	24,614	1,970	1,310.2	1,035.6	37.4	237.3
2002	548,555	156,023	392,532	44,186	20,063	21,890	2,233	1,513.9	1,137.6	44.2	332.0
2003	489,171	146,490	342,681	37,879	15,913	20,052	1,914	1,622.7	1,186.0	43.7	393.0

Source: See Table 7-1.

## 7-8a. Freight Handled at Harbors (1)

Unit: 1,000 Revenue Ton

Period	Loading and Unloading							Loading		
	Grand Total	Keelung Harbor	Kaohsiung Harbor	Hualien Harbor	Taichung Harbor	Suao Harbor	Anping Harbor	Subtotal	Keelung Harbor	Kaohsiung Harbor
1952	3,303	1,627	1,527	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
1976	60,883	20,372	39,284	1,188	39	-	-	19,931	7,807	11,481
1977	66,588	22,030	40,997	1,821	1,740	-	-	23,514	8,727	13,520
1978	83,819	24,925	53,147	2,196	2,944	607	-	30,129	10,116	18,265
1979	99,327	28,390	63,701	2,469	4,095	672	-	36,887	11,451	23,440
1980	116,450	35,186	71,850	3,398	4,747	1,269	-	43,124	13,651	26,781
1981	121,186	33,616	76,168	3,683	5,888	1,831	-	47,376	13,434	30,082
1982	122,584	33,282	76,610	4,166	6,599	1,927	-	50,104	13,795	31,335
1983	150,771	41,942	93,995	4,406	7,551	2,877	-	62,116	18,241	38,198
1984	181,453	53,487	113,274	3,756	7,684	3,252	-	72,115	23,890	42,761
1985	183,910	49,936	118,572	3,902	7,917	3,583	-	73,892	23,460	44,801
1986	227,489	66,173	143,747	4,608	9,472	3,489	-	90,852	31,065	53,904
1987	260,519	79,851	160,510	4,494	11,912	3,751	-	103,194	37,499	59,615
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	4,150	-	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	606,710	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

(1) The figures are converted from TEUs at 36 revenue tons per TEU.

Source: See Table 7-1.

## 7-8b. Freight Handled at Harbors (Continued)

Unit: 1,000 Revenue Ton

Period	Loading				Unloading						
	Hualien Harbor	Taichung Harbor	Suao Harbor	Anping Harbor	Subtotal	Keelung Harbor	Kaohsiung Harbor	Hualien Harbor	Taichung Harbor	Suao Harbor	Anping Harbor
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	-	-	-
1976	642	1	-	-	40,952	12,565	27,803	546	38	-	-
1977	1,096	171	-	-	43,074	13,303	27,477	725	1,569	-	-
1978	1,434	205	109	-	53,690	14,809	34,882	762	2,739	498	-
1979	1,586	365	45	-	62,440	16,939	40,261	883	3,730	627	-
1980	2,093	394	205	-	73,326	21,535	45,069	1,305	4,353	1,064	-
1981	2,630	456	774	-	73,810	20,182	46,086	1,053	5,432	1,057	-
1982	3,093	872	1,009	-	72,480	19,487	45,275	1,073	5,727	918	-
1983	3,223	1,052	1,402	-	88,655	23,701	55,797	1,183	6,499	1,475	-
1984	2,749	1,107	1,608	-	109,338	29,597	70,513	1,007	6,577	1,644	-
1985	2,902	933	1,796	-	110,018	26,476	73,771	1,000	6,984	1,787	-
1986	3,289	1,067	1,527	-	136,637	35,108	89,843	1,319	8,405	1,962	-
1987	3,086	1,465	1,527	-	157,326	42,352	100,895	1,408	10,447	2,224	-
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

## 7-9. Imports and Exports Carried by National &amp; Foreign Vessels

Unit: 1,000 m.t.

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
1976	34,937	25,116	9,821	28.1	28,883	20,062	8,821	30.5	6,054	5,054	1,000	16.5
1977	43,757	32,203	11,553	26.4	35,879	25,622	10,257	28.6	7,877	6,581	1,296	16.5
1978	54,194	40,741	13,453	24.8	44,129	32,024	12,105	27.4	10,065	8,717	1,348	13.4
1979	55,998	42,149	13,849	24.7	46,317	34,236	12,081	26.1	9,681	7,913	1,768	18.3
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
1981	59,897	47,662	12,235	20.4	48,608	38,679	9,929	20.4	11,289	8,983	2,306	20.4
1982	61,343	43,337	18,006	29.4	48,863	33,143	15,720	32.2	12,480	10,194	2,286	18.3
1983	70,551	47,317	23,234	32.9	55,320	34,655	20,665	37.4	15,231	12,662	2,569	16.9
1984	76,079	51,256	24,823	32.6	59,828	38,343	21,485	35.9	16,251	12,913	3,338	20.5
1985	76,586	46,658	29,928	39.1	60,496	33,887	26,609	44.0	16,090	12,771	3,319	20.6
1986	87,081	57,588	29,493	33.9	70,780	44,567	26,213	37.0	16,301	13,021	3,280	20.1
1987	101,100	72,204	28,896	28.6	83,014	57,710	25,304	30.5	18,086	14,494	3,592	19.9
1988	115,484	83,876	31,608	27.4	96,786	69,402	27,384	28.3	18,697	14,473	4,224	22.6
1989	114,216	82,426	31,790	27.8	97,678	69,948	27,730	28.4	16,538	12,478	4,060	24.5
1990	117,768	81,205	36,564	31.0	102,329	69,657	32,672	31.9	15,439	11,548	3,891	25.2
1991	121,182	85,820	35,362	29.2	103,328	72,146	31,182	30.2	17,854	13,674	4,180	23.4
1992	129,161	89,131	40,030	31.0	112,459	76,479	35,981	32.0	16,702	12,653	4,049	24.2
1993	132,368	96,426	35,943	27.2	115,445	83,859	31,587	27.4	16,923	12,567	4,356	25.7
1994	135,858	99,547	36,311	26.7	119,117	86,966	32,151	27.0	16,741	12,581	4,160	24.9
1995	141,152	107,247	33,904	24.0	122,376	92,527	29,848	24.4	18,776	14,720	4,056	21.6
1996	145,706	101,618	44,087	30.3	124,736	85,032	39,704	31.8	20,969	16,586	4,383	20.9
1997	166,068	122,249	43,820	26.4	143,553	104,018	39,535	27.5	22,516	18,231	4,285	19.0
1998	161,878	116,239	45,639	28.2	139,813	98,534	41,279	29.5	22,065	17,705	4,360	19.8
1999	175,408	125,118	50,290	28.7	149,121	103,036	46,085	30.9	26,287	22,081	4,205	16.0
2000	181,694	129,375	52,320	28.8	152,042	104,704	47,338	31.1	29,653	24,671	4,982	16.8
2001	196,863	149,842	47,020	23.9	157,866	115,886	41,980	26.6	38,997	33,956	5,040	12.9
2002	207,979	163,695	44,284	21.3	166,502	126,701	39,801	23.9	41,477	36,994	4,483	10.8
2003	221,622	183,016	38,606	17.4	176,813	142,206	34,607	19.6	44,810	40,810	3,999	8.9

Source: See Table 7-1.

7-10. Number of R.O.C.- Registered Ships and Volume of Cargo

Period	National-Flagged			Cargo Tonnage (1,000 M.T.)	Ton-Nautical Miles (Million Ton- Nautical Miles)
	No. of Vessels (1)	Gross Registered Tonnage (G. R. T.) (Tons)	Dead Weight Tonnage (D. W. T.) (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
1976	163	1,297,121	2,036,425	18,006	116,068
1977	163	1,415,221	2,273,036	19,599	124,170
1978	169	1,602,858	2,610,338	19,447	116,222
1979	176	1,614,974	2,568,072	22,576	119,093
1980	178	1,806,216	2,704,909	24,085	136,196
1981	167	1,869,997	2,798,475	23,135	139,226
1982	176	2,480,540	3,873,280	28,614	178,189
1983	200	3,328,856	5,279,274	38,662	235,304
1984	217	4,350,735	6,935,436	43,339	281,276
1985	227	4,267,129	6,654,260	48,652	299,691
1986	233	4,595,764	7,161,238	53,832	309,167
1987	240	4,621,031	6,996,958	61,258	331,357
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	245	5,935,729	9,158,584	112,929	526,952
1995	245	5,991,967	9,152,063	123,614	568,529
1996	256	6,046,869	9,232,666	130,052	610,350
1997	255	5,929,176	9,147,751	114,108	567,706
1998	255	5,509,533	8,727,357	109,885	519,624
1999	261	5,419,776	8,590,461	111,719	557,201
2000	260	5,307,656	8,348,999	110,271	527,891
2001	249	4,740,660	7,397,270	101,533	359,295
2002	241	4,297,149	6,821,256	101,091	312,823
2003	235	3,827,173	6,121,877	95,440	247,560

(1) Figures before 1994 refer to ships over 200 D.W.T., while those for 1994 and after refer to ships over 100 D.W.T.  
Source: See Table 7-1.

7-11. Number of Visitors (1)

Period	Visitors (persons)			Percentage (%)			Index (1996=100)	Growth Rate (%)
	Total	Foreigners	Overseas Chinese	Total	Foreigners	Overseas Chinese		
1960	23,636	20,796	2,840	100.0	88.0	12.0	1.00	22.3
1965	133,666	118,460	15,206	100.0	88.6	11.4	5.67	40.0
1970	472,452	409,756	62,696	100.0	86.7	13.3	20.03	27.2
1975	853,140	715,630	137,510	100.0	83.9	16.1	36.18	4.1
1976	1,008,126	853,875	154,251	100.0	84.7	15.3	42.75	18.2
1977	1,110,182	933,936	176,246	100.0	84.1	15.9	47.08	10.1
1978	1,270,977	1,045,916	225,061	100.0	82.3	17.7	53.90	14.5
1979	1,340,382	1,096,735	243,647	100.0	81.8	18.2	56.84	5.5
1980	1,393,254	1,111,130	282,124	100.0	79.8	20.2	59.08	3.9
1981	1,409,465	1,116,008	293,457	100.0	79.2	20.8	59.77	1.2
1982	1,419,178	1,111,406	307,772	100.0	78.3	21.7	60.18	0.7
1983	1,457,404	1,166,791	290,613	100.0	80.1	19.9	61.80	2.7
1984	1,516,138	1,227,450	288,688	100.0	81.0	19.0	64.29	4.0
1985	1,451,659	1,195,443	256,216	100.0	82.4	17.6	61.56	-4.3
1986	1,610,385	1,333,315	277,070	100.0	82.8	17.2	68.29	10.9
1987	1,760,948	1,510,972	249,976	100.0	85.8	14.2	74.67	9.3
1988	1,935,134	1,696,677	238,457	100.0	87.7	12.3	82.00	9.9
1989	2,004,126	1,768,541	235,585	100.0	88.2	11.8	84.98	3.6
1990	1,934,084	1,712,680	221,404	100.0	88.6	11.4	82.01	-3.5
1991	1,854,506	1,629,448	225,058	100.0	87.9	12.1	78.64	-4.1
1992	1,873,327	1,649,726	223,601	100.0	88.1	11.9	79.44	1.0
1993	1,850,214	1,601,228	248,986	100.0	86.5	13.5	78.46	-1.2
1994	2,127,249	1,856,685	270,564	100.0	87.3	12.7	90.21	15.0
1995	2,331,934	2,066,333	265,601	100.0	88.6	11.4	98.89	9.6
1996	2,358,221	2,088,539	269,682	100.0	88.6	11.4	100.00	1.1
1997	2,372,232	2,115,641	256,591	100.0	89.2	10.8	100.59	0.6
1998	2,298,706	2,031,811	266,895	100.0	88.4	11.6	97.48	-3.1
1999	2,411,248	2,115,653	295,595	100.0	87.7	12.3	102.25	4.9
2000	2,624,037	2,310,670	313,367	100.0	88.1	11.9	111.27	8.8
2001	2,617,137	2,291,871	325,266	100.0	87.6	12.4	110.98	-0.3
2002	2,977,692	2,354,017	623,675	100.0	79.1	20.9	126.27	13.8
2003	2,248,117	1,812,034	436,083	100.0	80.6	19.4	95.33	-24.5

(1) Since 2002, the figure of visitor arrivals has included visitors from mainland China.

Source: See Table 7-1.

## 7-12. Overseas Chinese Arrivals by Place of Residence

Unit: Persons

Country/Territory	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	248,986	270,564	265,601	269,682	256,591	266,895	295,595	313,367	325,266	623,675	436,083
Hong Kong	185,502	208,405	207,478	216,587	209,107	225,331	256,491	287,600	311,800	379,864	267,102
Japan	7,213	7,217	6,987	6,113	4,813	3,815	2,423	1,417	449	12,933	1,922
Korea, Rep. of	7,791	5,923	5,543	5,516	4,604	3,333	1,731	1,249	603	3,750	2,719
Malaysia	601	639	492	300	379	387	320	289	219	1,821	527
Philippines	7,546	6,645	6,846	7,257	6,821	5,739	2,681	951	163	5,239	4,175
Singapore	986	1,012	899	777	475	327	275	206	132	3,955	439
Thailand	1,044	940	778	675	580	554	308	187	124	4,962	912
Indonesia	518	842	629	420	478	552	495	545	449	1,630	962
Brazil	580	641	695	605	546	472	294	194	53	208	106
Canada	1,721	1,764	1,552	1,270	1,062	841	691	383	117	6,304	496
United States	20,168	20,598	16,532	12,664	9,953	7,654	5,806	2,998	842	24,059	2,335
South Africa	592	700	479	435	284	275	198	99	41	88	131
Belgium	41	41	47	47	46	38	21	15	5	13	19
France	167	185	179	134	91	80	54	45	20	634	152
Germany	287	259	277	237	168	156	94	60	29	510	101
Netherlands	43	34	33	43	32	32	14	11	5	143	39
United Kingdom	152	190	151	144	155	123	93	48	25	410	142
Australia	490	469	350	334	312	291	233	131	57	2,275	325
Others	13,544	14,060	15,652	16,124	16,685	16,895	23,373	16,939	10,133	174,877	153,479

Source: See Table 7-1.

## 7-13. Foreign Visitor Arrivals by Residence

Unit: Persons

Country	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	1,601,228	1,856,685	2,066,333	2,088,539	2,115,641	2,031,811	2,115,653	2,310,670	2,291,871	2,354,017	1,812,034
Japan	696,431	816,665	907,338	911,777	900,714	822,817	823,799	914,884	970,741	985,564	655,131
Korea, Rep. of	88,297	124,116	140,469	121,399	94,632	59,766	74,411	82,480	82,081	79,874	90,174
Malaysia	50,664	47,577	53,620	55,430	54,022	48,904	52,358	57,728	56,615	64,483	66,487
Philippines	52,981	69,468	89,490	104,525	112,844	120,543	120,319	83,137	68,955	74,022	75,851
Thailand	88,985	114,613	146,632	120,089	121,534	127,987	137,664	132,998	116,296	105,688	97,478
Canada	21,081	23,308	25,944	29,580	31,762	33,360	34,568	38,016	40,176	42,815	33,873
United States	248,942	266,115	273,606	277,236	293,681	300,753	311,995	356,535	338,548	353,411	270,523
Mexico	1,265	1,410	1,034	1,325	1,490	1,679	1,694	1,876	1,605	2,195	1,213
Belgium	3,207	3,629	3,745	3,971	3,861	4,079	4,098	4,147	3,506	3,833	3,014
France	18,494	21,334	21,587	21,716	22,674	23,515	23,508	23,675	20,988	20,179	15,188
Germany	28,357	31,075	32,667	33,677	34,492	35,187	34,096	34,769	33,687	33,470	28,476
Italy	9,893	11,934	12,239	11,511	12,257	11,720	11,329	12,055	10,639	10,664	7,678
Netherlands	8,879	9,155	9,935	10,436	10,814	11,190	14,235	12,592	11,032	10,237	8,022
Spain	3,217	3,577	3,685	3,714	4,036	3,892	3,875	4,063	3,736	3,826	2,763
Switzerland	5,937	6,029	6,238	6,035	6,602	6,390	6,452	6,325	5,909	5,639	4,486
United Kingdom	24,112	26,929	28,796	30,426	32,737	33,505	33,136	35,471	33,569	34,082	28,316
Australia	21,446	23,134	26,112	26,844	28,674	28,737	29,731	31,711	29,978	31,477	26,287
New Zealand	3,819	4,258	4,875	4,952	5,302	5,045	5,357	5,973	5,768	6,124	5,272
South Africa	6,182	5,998	5,671	5,540	4,336	3,799	3,852	4,849	5,151	5,724	5,182
Others	219,039	246,361	272,650	308,356	339,267	348,943	389,176	467,386	452,891	480,710	386,620

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
1976	9,727	652,455	34,651	370,174	247,630
1977	10,032	744,111	34,704	406,374	303,033
1978	10,322	757,804	34,704	420,067	303,033
1979	10,565	758,854	35,354	420,467	303,033
1980	11,534	759,185	35,685	420,467	303,033
1981	11,827	1,389,999	81,107	808,578	500,314
1982	12,049	1,431,381	84,880	808,578	537,923
1983	12,224	1,434,946	88,148	808,875	537,923
1984	12,324	1,441,751	94,953	808,875	537,923
1985	12,441	1,490,855	96,157	856,775	537,923
1986	12,523	1,583,162	96,844	932,975	553,343
1987	12,511	1,588,427	99,153	936,105	553,169
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	12,655	1,903,222	123,118	1,195,835	584,269
2001	11,216	1,901,895	113,451	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

Sources: The data are provided by the Chunghwa Post Co., Ltd., 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	-	-	-
1976	724.7	674.0	50.7	774.5	731.7	42.8	-	-	-
1977	745.2	690.4	54.8	792.8	751.6	41.2	-	-	-
1978	793.3	734.2	59.1	828.7	787.3	41.4	4	-	4
1979	863.9	795.4	68.5	892.3	847.5	44.8	29	-	29
1980	923.2	852.2	71.0	958.7	909.5	49.2	56	-	56
1981	1,020.4	949.3	71.1	1,051.0	998.5	52.5	93	-	93
1982	1,091.8	1,019.2	72.6	1,109.9	1,054.7	55.2	137	-	137
1983	1,159.6	1,088.1	71.5	1,193.7	1,132.3	61.4	221	-	221
1984	1,228.6	1,155.7	72.9	1,250.0	1,178.9	71.1	401	22	379
1985	1,318.0	1,246.4	71.6	1,363.5	1,289.5	74.0	930	331	599
1986	1,437.2	1,366.6	70.6	1,486.8	1,406.7	80.1	1,494	706	788
1987	1,443.4	1,378.8	64.6	1,539.8	1,466.2	73.6	2,037	1,053	984
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	1,296
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	68.3	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	4,385	1,569
1996	2,219.2	2,159.7	59.5	2,563.3	2,475.6	87.7	6,823	5,196	1,626
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	8,659	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

(1) Excluding parcels.

Source: See Table 7-14.

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

Period	Parcel (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
1976	7,596	6,788	808	7,657	7,086	571
1977	8,290	7,396	894	8,259	7,607	652
1978	9,222	8,306	916	9,070	8,563	507
1979	10,055	9,025	1,030	9,888	9,441	447
1980	9,624	8,514	1,110	9,474	8,928	546
1981	9,210	8,039	1,171	9,134	8,564	570
1982	8,762	7,562	1,200	8,486	7,911	575
1983	8,978	7,722	1,256	8,747	8,158	589
1984	9,481	8,208	1,273	9,233	8,669	564
1985	9,631	8,318	1,313	9,248	8,652	596
1986	9,494	8,209	1,285	9,196	8,436	760
1987	9,415	8,310	1,105	9,437	8,627	810
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	12,293	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	15,968	660	16,993	16,371	622
1995	18,213	17,547	665	18,741	18,121	620
1996	18,319	17,688	630	18,683	18,104	579
1997	18,373	17,794	578	18,736	18,146	590
1998	16,917	16,396	522	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	8,213	7,862	351
2003	8,953	8,376	577	9,179	8,815	364

7-16. Telegraph Circuits and Volume of Telephone and Data Communication Services

Period	Telegraph Circuits			Toll Telephone Service Dispatched (1,000)		Local Telephone Service	Mobile Telephone Service	Radio Paging Service	Internet Service
	Total	Domestic	International	Domestic	International	No. of Subscribers	No. of Subscribers	No. of Subscribers	No. of Subscribers
				calls	minutes				
1952	218	196	22	4,776	59	24,609	-	-	-
1955	222	200	22	7,691	109	33,531	-	-	-
1960	287	256	31	14,475	119	56,168	-	-	-
1965	375	331	44	23,951	258	98,520	-	-	-
1970	518	415	103	32,669	2,131	249,420	-	-	-
1975	848	520	328	71,216	8,396	774,233	-	-	-
1976	935	528	407	75,060	9,735	986,012	-	-	-
1977	1,031	582	449	56,428	11,020	1,196,055	-	-	-
1978	1,545	1,023	522	53,564	14,383	1,502,834	-	-	-
1979	1,923	1,296	627	44,477	19,464	1,860,602	-	-	-
1980	2,343	1,598	745	43,216	22,945	2,322,816	-	8,261	-
1981	4,365	3,504	861	25,911	27,049	2,818,027	-	8,692	-
1982	5,201	4,253	948	10,983	30,278	3,229,618	-	22,127	-
1983	5,770	4,720	1,050	8,731	36,786	3,617,528	-	37,214	-
1984	6,143	5,021	1,122	9,228	45,783	3,947,087	-	52,817	-
1985	6,784	5,618	1,166	9,957	58,020	4,227,992	-	72,725	-
1986	7,458	6,250	1,208	9,300	77,063	4,540,359	-	97,710	-
1987	7,688	6,456	1,232	9,139	105,629	4,909,036	-	116,088	-
1988	7,289	6,170	1,119	8,112	142,628	5,332,285	-	200,237	-
1989	6,580	5,496	1,084	9,167	183,864	5,822,663	22,086	347,658	-
1990	5,549	4,618	931	18,899	241,928	6,300,755	83,482	792,419	-
1991	4,813	4,009	804	19,207	297,616	6,853,080	196,793	974,863	-
1992	3,840	3,090	750	13,931	366,854	7,418,277	384,779	1,169,460	-
1993	3,267	2,537	730	9,417	442,308	7,950,504	538,544	1,352,020	-
1994	2,662	1,953	709	9,377	501,849	8,503,201	584,326	1,729,030	-
1995	647	-	647	9,452	593,023	9,174,813	770,397	2,083,000	21,256
1996	525	-	525	9,742	700,502	10,010,614	970,473	2,300,766	164,649
1997	471	-	471	10,601	789,061	10,862,327	1,491,607	2,641,067	429,242
1998	421	-	421	9,599	860,878	11,500,361	4,727,045	4,261,346	1,665,141
1999	400	-	400	4,230	958,264	12,043,756	11,541,139	3,873,295	2,874,207
2000	377	-	377	1,839	1,058,378	12,642,193	17,873,829	2,812,869	4,649,853
2001	354	-	354	1,001	1,514,416	12,857,775	21,632,978	1,756,219	6,231,917
2002	310	-	310	499	2,153,914	13,099,416	23,905,409	1,598,405	7,458,609
2003	310	-	310	292	3,076,736	13,355,032	25,089,644	1,414,856	7,838,732

Source: See Table 7-1.

7-17. Number of Telephone Subscribers Per 100 Persons in Taiwan Area and Selected Cities

Unit: subscribers/100 persons

End of Year	Taiwan Area	Taipei	Kaohsiung	Taichung	Tainan	Keelung
1952	0.30	1.32	0.56	0.84	0.56	0.56
1955	0.37	1.63	0.70	0.79	0.67	0.70
1960	0.52	2.26	0.74	0.91	1.03	0.86
1965	0.78	3.36	1.15	1.30	1.23	1.21
1970	1.70	6.13	2.94	3.01	2.42	2.36
1975	4.79	14.63	8.31	9.87	5.80	6.66
1976	5.97	16.81	10.36	11.35	7.71	8.10
1977	7.11	19.08	11.78	13.28	9.51	9.79
1978	8.74	21.95	14.43	16.22	12.73	11.61
1979	10.61	24.54	16.06	18.87	16.16	13.54
1980	13.00	27.58	19.27	22.49	18.78	16.37
1981	15.49	29.85	22.15	25.57	21.51	18.50
1982	17.44	31.47	24.64	27.69	23.54	20.63
1983	19.25	33.07	25.34	29.92	26.34	21.70
1984	20.70	34.49	26.57	31.88	28.43	22.74
1985	21.89	35.82	27.73	33.35	29.94	23.55
1986	23.27	37.33	28.85	35.36	32.18	24.57
1987	24.89	39.46	30.48	37.76	34.64	25.72
1988	26.72	42.21	32.60	41.91	37.71	27.14
1989	28.89	43.90	35.26	46.07	40.72	28.83
1990	30.88	48.50	37.57	49.95	43.85	30.19
1991	33.26	52.47	40.09	55.21	47.86	32.09
1992	35.66	56.49	42.76	60.06	52.18	33.97
1993	37.87	59.65	45.59	57.93	56.32	35.76
1994	40.15	62.11	48.12	62.65	60.88	37.70
1995	42.96	65.68	51.01	66.80	65.83	40.20
1996	46.51	71.28	55.22	72.97	71.41	43.83
1997	49.98	77.29	57.67	78.40	76.14	46.94
1998	52.58	80.34	59.55	81.51	79.75	49.83
1999	54.54	84.01	61.34	83.12	81.69	51.86
2000	56.78	87.45	63.30	84.56	85.00	53.83
2001	57.42	88.07	63.46	84.76	85.62	54.13
2002	58.20	89.07	63.81	84.51	87.30	54.90
2003	59.12	90.97	65.26	79.23	88.82	55.59

Source: See Table 7-1.



## **8. MONEY AND BANKING**

## 8-1a. Principal Financial Indicators

End of Year	Money Supply (M <sub>1B</sub> )	Deposits of Major Financial Institutions	Loans & Investments of Major Financial Institutions	Reserve Money (1)	Rediscount Rate (percent per annum)
I. Amount (NT\$ billion)					
1972	61	163	143	38	8.50
1973	92	221	207	49	10.75
1974	102	272	294	65	12.00
1975	131	345	382	76	10.75
1976	164	431	445	100	9.50
1977	219	547	541	123	8.25
1978	300	729	686	165	8.25
1979	323	818	825	168	11.00
1980	396	958	1,044	196	11.00
1981	451	1,101	1,217	240	11.75
1982	516	1,379	1,444	266	7.75
1983	611	1,746	1,671	316	7.25
1984	668	2,106	1,870	362	6.75
1985	750	2,583	1,990	422	5.25
1986	1,135	3,179	2,105	550	4.50
1987 (2)	1,563	3,964	2,455	700	4.50
1988	1,945	4,881	3,395	882	4.50
1989	2,063	5,866	4,409	1,155	7.75
1990	1,926	6,471	5,063	1,156	7.75
1991	2,158	7,576	6,190	1,265	6.25
1992	2,426	9,074	7,961	1,412	5.625
1993	2,797	10,454	9,511	1,501	5.500
1994	3,139	12,031	10,956	1,669	5.500
1995	3,163	13,131	12,100	1,638	5.500
1996	3,426	14,261	13,052	1,653	5.000
1997	3,715	15,421	14,308	1,641	5.250
1998	3,855	16,697	15,408	1,665	4.750
1999	4,507	18,064	15,952	1,643	4.500
2000	4,492	19,309	16,526	1,583	4.625
2001	5,026	20,161	16,368	1,456	2.125
2002	5,492	20,610	15,926	1,569	1.625
2003	6,553	21,756	16,359	1,619	1.375

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

(2) Postal savings system included with monetary institutions in 1987 and after.

Source: The Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan Area, R.O.C.*, April 2004.

8-1b. Principal Financial Indicators (Continued)

End of Year	Money Supply (M <sub>1B</sub> )	Deposits of Major Financial Institutions	Loans & Investments of Major Financial Institutions	Reserve Money
II. Percentage Change from Previous Year (%)				
1972	34.1	32.5	19.6	37.9
1973	50.4	35.4	44.5	29.2
1974	10.4	23.2	42.3	34.1
1975	28.8	26.9	30.0	15.9
1976	25.1	24.7	16.4	32.6
1977	33.6	27.1	21.7	23.2
1978	37.0	33.1	26.8	33.7
1979	7.7	12.3	20.1	2.1
1980	22.7	17.1	26.6	16.6
1981	13.7	14.9	16.5	22.4
1982	14.6	25.3	18.7	10.7
1983	18.4	26.6	15.7	18.6
1984	9.3	20.6	11.9	14.7
1985	12.2	22.7	6.4	16.5
1986	51.4	23.1	5.8	30.4
1987 (1)	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	-6.6	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	9.6	-0.7
1998	3.8	8.3	7.7	1.4
1999	16.9	8.2	3.5	-1.3
2000	-0.3	6.9	3.6	-3.6
2001	11.9	4.4	-1.0	-8.0
2002	9.3	2.2	-2.7	7.7
2003	19.3	5.6	2.7	3.2

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

## 8-2a. Number of Financial Institutions

End of Year	Total (1)	Domestic Bank			Local Branches of Foreign Banks	Medium Business Banks (2)		
		Subtotal	Head Office	Branch Office		Subtotal	Head Office	Branch Office
1972	3,219	428	13	415	7	122	8	114
1973	3,268	441	13	428	9	127	8	119
1974	3,332	456	13	443	11	135	8	127
1975	3,377	473	14	459	12	138	8	130
1976	3,407	486	14	472	12	139	8	131
1977	3,435	498	14	484	12	139	8	131
1978	3,494	515	14	501	13	153	8	145
1979	3,443	528	15	513	13	161	8	153
1980	3,509	533	15	518	21	170	8	162
1981	2,631	558	15	543	24	179	8	171
1982	2,721	567	16	551	25	191	8	183
1983	2,747	575	16	559	28	196	8	188
1984	2,798	577	16	561	31	203	8	195
1985	2,855	601	16	585	32	211	8	203
1986	2,869	617	16	601	32	220	8	212
1987	2,923	648	16	632	34	239	8	231
1988	2,973	679	16	663	35	248	8	240
1989	3,033	708	16	692	38	269	8	261
1990	3,096	737	16	721	43	282	8	274
1991	3,161	773	17	756	47	298	8	290
1992	3,348	929	32	897	50	323	8	315
1993	3,540	1,063	33	1,030	52	360	8	352
1994	3,754	1,208	34	1,174	57	411	8	403
1995	3,892	1,395	34	1,361	58	454	8	446
1996	4,044	1,498	34	1,464	65	480	8	472
1997	4,295	1,724	39	1,685	69	499	8	491
1998	4,512	2,094	42	2,052	72	358	6	352
1999	4,682	2,335	47	2,288	71	293	5	288
2000	4,805	2,459	48	2,411	70	287	5	282
2001	5,082	2,760	48	2,712	69	298	5	293
2002	5,030	2,828	47	2,781	68	292	5	287
2003	5,110	2,929	45	2,884	69	294	5	289

(1) Excluding the Central Bank of China.

(2) Prior to February 1979, mutual loans &amp; savings companies were included.

Source: See Table 8-1a.

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

End of Year	Credit Cooperative Associations	Credit Departments of Farmers' Associations	Credit Departments of Fishermen's Associations	Investment and Trust Companies			Postal Savings System	Life Insurance Companies
				Subtotal	Head Office	Branch Office		
1972	78	292	-	8	8	-	2,275	9
1973	78	290	-	8	8	-	2,306	9
1974	77	290	-	8	8	-	2,346	9
1975	75	286	-	8	8	-	2,376	9
1976	75	274	-	8	8	-	2,404	9
1977	75	277	4	8	8	-	2,413	9
1978	75	278	4	9	8	1	2,438	9
1979	75	278	4	23	8	15	2,352	9
1980	75	281	4	27	8	19	2,389	9
1981	75	281	4	31	8	23	1,470	9
1982	75	283	4	31	8	23	1,536	9
1983	75	283	12	31	8	23	1,538	9
1984	75	283	16	33	8	25	1,571	9
1985	75	283	17	35	8	27	1,592	9
1986	75	284	19	35	8	27	1,578	9
1987	74	282	19	39	8	31	1,579	9
1988	74	282	22	42	8	34	1,583	8
1989	74	285	22	52	8	44	1,574	11
1990	74	285	24	54	8	46	1,582	15
1991	74	285	26	70	8	62	1,573	15
1992	74	285	27	61	7	54	1,576	23
1993	74	285	27	66	7	59	1,585	28
1994	74	285	27	59	6	53	1,603	30
1995	73	285	27	54	5	49	1,515	31
1996	73	285	27	60	5	55	1,524	32
1997	64	287	27	66	5	61	1,527	32
1998	54	287	27	47	4	43	1,540	33
1999	50	287	27	39	3	36	1,547	33
2000	48	287	27	39	3	36	1,556	32
2001	39	260	25	36	3	33	1,567	28
2002	37	253	25	32	3	29	1,466	29
2003	35	253	25	31	3	28	1,445	29

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

## A. Stocks

End of Year	All Sources	Financing through Intermediaries			Financing through Securities Markets							
		Total	Loans and Investments		(2)-(1)	Securities Issues						
			Loans	Investments (1)		Total (2)	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
I. Amount (NT\$ billion)												
1986	2,545	2,257	2,010	246	288	534	241	155	47	0	92	-
1987	3,029	2,652	2,420	232	377	609	289	138	52	0	131	-
1988	4,079	3,644	3,356	289	435	723	356	129	52	0	186	-
1989	5,316	4,773	4,383	391	543	933	471	192	45	3	223	-
1990	6,105	5,547	4,986	562	558	1,119	529	347	52	3	189	-
1991	7,626	6,802	6,126	676	825	1,501	620	345	65	7	464	-
1992	9,584	8,586	7,704	882	997	1,880	740	396	67	45	631	-
1993	11,386	10,257	8,978	1,278	1,130	2,408	894	651	60	50	752	-
1994	13,267	11,806	10,466	1,341	1,461	2,802	1,081	729	71	109	813	-
1995	14,938	13,036	11,424	1,612	1,902	3,514	1,498	922	92	131	872	-
1996	16,533	14,131	11,867	2,263	2,402	4,666	1,894	1,364	250	147	1,011	-
1997	18,918	15,647	13,262	2,385	3,272	5,657	2,656	1,428	323	195	1,055	-
1998	21,116	16,880	13,976	2,903	4,236	7,140	3,525	1,802	519	195	1,099	-
1999	22,359	17,576	14,585	2,991	4,783	7,773	4,046	1,505	590	238	1,395	-
2000	23,966	18,450	15,309	3,141	5,516	8,657	4,856	1,266	707	302	1,525	-
2001	24,401	18,480	14,946	3,535	5,921	9,455	5,265	1,111	809	363	1,908	-
2002	24,977	18,495	14,608	3,888	6,482	10,369	5,553	878	1,007	537	2,395	-
2003	26,728	19,044	15,152	3,892	7,684	11,576	5,856	816	1,177	1,055	2,649	24

Source: The Central Bank of China, R.O.C., <http://www.cbc.gov.tw/>

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

## A. Stocks

End of Year	All Sources	Financing through Intermediaries			Financing through Securities Markets							
		Total	Loans and Investments		(2)-(1)	Securities Issues						
			Loans	Investments (1)		Total (2)	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
II. Percentage (%)												
1986	100.00	88.68	79.01	9.67	11.32	20.99	9.46	6.07	1.83	0.00	3.62	-
1987	100.00	87.55	79.90	7.66	12.45	20.10	9.53	4.56	1.70	0.00	4.32	-
1988	100.00	89.34	82.27	7.07	10.66	17.73	8.73	3.17	1.28	0.00	4.55	-
1989	100.00	89.79	82.44	7.35	10.21	17.56	8.86	3.61	0.85	0.05	4.19	-
1990	100.00	90.87	81.66	9.20	9.13	18.34	8.67	5.69	0.85	0.04	3.09	-
1991	100.00	89.19	80.32	8.86	10.81	19.68	8.14	4.52	0.85	0.09	6.08	-
1992	100.00	89.59	80.39	9.21	10.41	19.61	7.72	4.13	0.69	0.47	6.59	-
1993	100.00	90.08	78.85	11.23	9.92	21.15	7.86	5.72	0.53	0.44	6.61	-
1994	100.00	88.99	78.88	10.11	11.01	21.12	8.15	5.49	0.53	0.82	6.13	-
1995	100.00	87.27	76.47	10.79	12.73	23.53	10.03	6.17	0.62	0.87	5.84	-
1996	100.00	85.47	71.78	13.69	14.53	28.22	11.45	8.25	1.51	0.89	6.12	-
1997	100.00	82.71	70.10	12.61	17.29	29.90	14.04	7.55	1.71	1.03	5.58	-
1998	100.00	79.94	66.19	13.75	20.06	33.81	16.69	8.53	2.46	0.93	5.20	-
1999	100.00	78.61	65.23	13.38	21.39	34.77	18.09	6.73	2.64	1.06	6.24	-
2000	100.00	76.98	63.88	13.10	23.02	36.12	20.26	5.28	2.95	1.26	6.36	-
2001	100.00	75.74	61.25	14.49	24.26	38.75	21.58	4.55	3.31	1.49	7.82	-
2002	100.00	74.05	58.48	15.56	25.95	41.52	22.23	3.52	4.03	2.15	9.59	-
2003	100.00	71.25	56.69	14.56	28.75	43.31	21.91	3.05	4.40	3.95	9.91	0.09

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

## B. Flows

Period	All Sources	Financing through Intermediaries			(2)-(1)	Financing through Securities Markets						
		Total	Loans and Investments			Securities Issues						
			Loans	Investments (1)		Total (2)	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
I. Amount (NT\$ billion)												
1986	261	267	262	5	-6	-1	9	-41	8	0	24	-
1987	452	396	410	-14	56	42	15	-16	5	0	39	-
1988	1,004	992	935	57	12	68	22	-9	0.5	0	55	-
1989	1,188	1,129	1,027	102	59	161	65	62	-7	3	37	-
1990	774	774	603	171	-0.2	171	43	155	6	0	-34	-
1991	1,463	1,254	1,140	114	209	323	33	-3	14	4	275	-
1992	1,893	1,785	1,578	206	108	315	55	52	1	39	168	-
1993	1,715	1,670	1,274	396	44	440	66	255	-6	4	121	-
1994	1,810	1,550	1,487	63	260	323	116	78	10	59	60	-
1995	1,367	1,229	958	271	138	409	113	193	21	22	59	-
1996	1,348	1,095	444	651	253	905	149	442	158	16	139	-
1997	2,124	1,516	1,394	122	608	730	501	65	73	48	44	-
1998	1,764	1,233	715	518	531	1,049	435	373	196	1	44	-
1999	944	696	609	87	248	335	222	-297	71	42	296	-
2000	1,048	874	724	150	174	324	250	-238	117	64	130	-
2001	101	31	-363	394	71	465	76	-156	101	61	383	-
2002	398	15	-338	353	383	736	110	-233	199	174	486	-
2003	1,510	549	544	5	961	965	62	-62	170	518	254	24

Source: See Table 8-3a.

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

## B. Flows

Period	All Sources	Financing through Intermediaries			Financing through Securities Markets							
		Total	Loans and Investments		(2)-(1)	Securities Issues						
			Loans	Investments (1)		Total (2)	Listed Stocks	Short-term Bills	Corporate Bonds	Overseas Debentures	Government Bonds	Beneficiary Certificates
II. Percentage (%)												
1986	100.00	102.21	100.21	2.00	-2.21	-0.21	3.49	-15.67	2.90	0.00	9.08	-
1987	100.00	87.57	90.69	-3.13	12.43	9.31	3.30	-3.64	1.10	0.00	8.54	-
1988	100.00	98.85	93.21	5.64	1.15	6.79	2.14	-0.87	0.05	0.00	5.48	-
1989	100.00	95.07	86.45	8.61	4.93	13.55	5.51	5.26	-0.56	0.22	3.12	-
1990	100.00	100.02	77.93	22.09	-0.02	22.07	5.60	20.08	0.80	0.00	-4.40	-
1991	100.00	85.74	77.94	7.80	14.26	22.06	2.24	-0.18	0.93	0.29	18.79	-
1992	100.00	94.28	83.38	10.90	5.72	16.62	2.92	2.72	0.07	2.04	8.86	-
1993	100.00	97.42	74.32	23.10	2.58	25.68	3.87	14.87	-0.36	0.26	7.05	-
1994	100.00	85.62	82.16	3.46	14.38	17.84	6.39	4.28	0.57	3.26	3.34	-
1995	100.00	89.93	70.10	19.83	10.07	29.90	8.25	14.13	1.57	1.59	4.34	-
1996	100.00	81.21	32.90	48.31	18.79	67.10	11.06	32.78	11.74	1.20	10.32	-
1997	100.00	61.93	66.88	-4.95	38.07	33.12	22.73	2.94	3.30	2.18	1.98	-
1998	100.00	69.76	41.26	28.50	30.24	58.74	24.37	20.90	10.96	0.04	2.47	-
1999	100.00	73.76	64.51	9.25	26.24	35.49	23.55	-31.47	7.54	4.48	31.38	-
2000	100.00	83.40	69.08	14.32	16.60	30.92	23.88	-22.72	11.19	6.15	12.42	-
2001	100.00	30.14	-359.09	389.23	69.86	459.09	74.80	-153.93	100.00	59.78	378.42	-
2002	100.00	3.77	-85.01	88.79	96.23	185.01	27.58	-58.51	49.96	43.73	122.25	-
2003	100.00	36.36	36.06	0.30	63.64	63.94	4.09	-4.13	11.24	34.30	16.82	1.62

## 8-4. Money Supply

Amount unit: NT\$ million

End of Year	Money Supply (M <sub>1B</sub> )			Money Supply (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>
1972	20,092	41,175	61,267	96,950	158,217	34.1	31.3
1973	28,690	63,465	92,155	112,375	204,530	50.4	29.3
1974	32,452	69,306	101,758	153,212	254,970	10.4	24.7
1975	38,677	92,360	131,037	194,860	325,897	28.8	27.8
1976	47,440	116,429	163,869	246,608	410,477	25.1	26.0
1977	60,246	158,615	218,861	321,643	540,504	33.6	31.7
1978	78,204	221,663	299,867	408,096	707,963	37.0	31.0
1979	87,853	235,084	322,937	449,823	772,760	7.7	9.2
1980	109,763	286,430	396,193	543,789	939,982	22.7	21.6
1981	127,252	323,261	450,513	668,557	1,119,070	13.7	19.1
1982	137,105	379,207	516,312	882,024	1,398,336	14.6	25.0
1983	158,138	453,286	611,424	1,150,904	1,762,328	18.4	26.0
1984	166,541	501,459	668,000	1,442,629	2,110,629	9.3	19.8
1985	180,843	568,661	749,504	1,838,784	2,588,288	12.2	22.6
1986	228,040	906,817	1,134,857	2,056,487	3,191,344	51.4	23.3
1987 (1)	279,878	1,283,261	1,563,139	2,362,347	3,925,486	37.7	23.0
1988	315,332	1,629,849	1,945,181	2,777,192	4,722,373	24.4	20.3
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	14,711,086	19,736,946	11.9	4.4
2002	527,278	4,964,311	5,491,589	14,755,425	20,247,014	9.3	2.6
2003	608,205	5,944,627	6,552,832	14,881,412	21,434,244	19.3	5.9

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

Source: See Table 8-1a.

8-5. Factors Affecting Money Supply (M<sub>B</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)	Money Supply (M <sub>B</sub> )
Changes in Money Supply (NT\$ million): (+) Increase in Money Supply, (-) Decrease in Money Supply								
1988/1987	+ 64,781	+ 1,865	+ 874,092	+ 133,859	- 414,845	- 155,438	- 122,272	+ 382,042
1989/1988	+ 240,575	+ 31,505	+ 742,203	+ 31,260	- 749,463	- 146,232	- 32,247	+ 117,601
1990/1989	+ 3,215	+ 50,578	+ 600,001	+ 6,837	- 749,589	+ 2,407	- 50,584	- 137,135
1991/1990	+ 142,237	+ 66,769	+ 917,192	+ 184,822	- 968,304	+ 63,673	- 173,623	+ 232,766
1992/1991	+ 207,549	+ 54,468	+ 1,508,823	+ 25,072	- 1,143,323	- 133,179	- 251,980	+ 267,430
1993/1992	+ 231,416	+ 15,670	+ 1,303,363	+ 21,744	- 985,188	- 57,856	- 157,852	+ 371,297
1994/1993	+ 156,534	- 16,560	+ 1,304,655	+ 123,071	- 1,190,457	- 80,980	+ 45,867	+ 342,130
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	+ 900,679	- 27,901	- 831,289	- 51,750	- 55,592	+ 289,194
1998/1997	+ 162,221	- 2,260	+ 940,830	+ 245,508	- 1,152,831	+ 13,374	- 67,310	+ 139,532
1999/1998	+ 354,313	- 22,900	+ 212,574	+ 816,018	- 705,895	- 106,418	+ 104,174	+ 652,396
2000/1999	+ 330,023	+ 23,190	+ 220,488	+ 469,063	- 1,167,892	- 8,298	+ 118,314	- 15,108
2001/2000	+ 255,686	+ 79,908	- 493,924	+ 820,214	- 305,361	- 10,750	+ 188,015	+ 533,788
2002/2001	- 43,520	+ 17,907	- 416,357	+ 973,550	- 44,339	+ 59,309	- 80,821	+ 465,729
2003/2002	+ 45,474	- 45,246	+ 432,946	+ 1,119,334	- 125,987	- 39,527	- 325,751	+ 1,061,243

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

Source: See Table 8-1a.

8-6a. Deposits of Domestic Banks by Account

End of Year	Total	Checking Accounts	Passbook Deposits	Passbook Savings Deposits	Time Deposits	Fixed Savings Deposits	Government Deposits	Foreign Currency Deposits
I. Amount (NT\$ million)								
1972	103,749	15,169	12,510	4,486	14,305	44,456	11,571	1,252
1973	139,133	23,148	17,088	7,085	16,939	51,906	21,374	1,593
1974	167,326	23,924	18,538	9,666	21,219	70,997	21,492	1,490
1975	217,557	32,221	24,443	13,218	42,610	73,947	29,278	1,840
1976	272,534	37,442	31,444	17,707	82,269	64,522	36,471	2,679
1977	335,949	47,370	40,198	26,542	108,791	73,910	36,795	2,343
1978	440,187	70,465	45,109	38,157	122,548	109,519	52,339	2,050
1979	473,971	71,994	48,138	40,941	103,755	140,808	65,575	2,760
1980	560,219	71,937	66,240	51,663	120,707	171,851	74,558	3,263
1981	633,456	77,082	66,859	64,708	140,196	202,475	77,587	4,549
1982	740,645	78,014	66,703	88,295	159,712	261,005	79,725	7,191
1983	909,130	87,892	73,251	110,180	181,958	348,882	98,133	8,834
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	8,573,291	246,495	568,034	1,369,802	2,204,280	3,193,018	603,389	388,273
1998	10,240,228	246,455	647,391	1,571,298	2,763,050	3,963,553	609,558	438,923
1999	11,435,213	280,078	738,076	1,988,974	2,563,859	4,706,344	668,088	489,794
2000	12,308,285	274,667	761,299	2,059,038	2,605,706	5,013,464	710,288	883,823
2001	13,199,493	238,842	827,010	2,547,198	2,371,958	5,583,748	760,482	870,255
2002	13,565,396	240,251	964,242	2,806,267	2,229,623	5,813,360	684,970	826,683
2003	14,465,462	272,767	1,215,356	3,357,823	2,140,692	5,859,366	702,609	916,849

Source: See Table 8-1a.

8-6b. Deposits of Domestic Banks by Account (Continued)

End of Year	Total	Checking Accounts	Passbook Deposits	Passbook Savings Deposits	Time Deposits	Fixed Savings Deposits	Government Deposits	Foreign Currency Deposits
II. Percentage (%)								
1972	100.0	14.6	12.1	4.3	13.8	42.8	11.2	1.2
1973	100.0	16.6	12.3	5.1	12.2	37.3	15.4	1.1
1974	100.0	14.3	11.1	5.8	12.7	42.4	12.8	0.9
1975	100.0	14.8	11.2	6.1	19.6	34.0	13.5	0.8
1976	100.0	13.7	11.5	6.5	30.2	23.7	13.4	1.0
1977	100.0	14.1	12.0	7.9	32.4	22.0	10.9	0.7
1978	100.0	16.0	10.3	8.6	27.8	24.9	11.9	0.5
1979	100.0	15.2	10.2	8.6	21.9	29.7	13.8	0.6
1980	100.0	12.8	11.8	9.2	21.6	30.7	13.3	0.6
1981	100.0	12.2	10.5	10.2	22.1	32.0	12.3	0.7
1982	100.0	10.5	9.0	11.9	21.6	35.2	10.8	1.0
1983	100.0	9.6	8.1	12.1	20.0	38.4	10.8	1.0
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	2.9	6.6	16.0	25.7	37.2	7.0	4.5
1998	100.0	2.4	6.3	15.3	27.0	38.7	6.0	4.3
1999	100.0	2.4	6.5	17.4	22.4	41.2	5.8	4.3
2000	100.0	2.2	6.2	16.7	21.2	40.7	5.8	7.2
2001	100.0	1.8	6.3	19.3	18.0	42.3	5.8	6.6
2002	100.0	1.8	7.1	20.7	16.4	42.9	5.0	6.1
2003	100.0	1.9	8.4	23.2	14.8	40.5	4.9	6.3

## 8-7a. Total Deposits with Monetary Institutions and Chungwa Post Co.

End of Year	Total	Deposit Money	Quasi-money	Government Deposits
I. Amount (NT\$ million)				
1972	162,888	41,175	96,755	24,958
1973	221,511	63,465	112,889	45,157
1974	273,073	69,306	154,062	49,705
1975	346,883	92,360	196,484	58,039
1976	432,819	116,429	248,936	67,454
1977	551,708	158,615	326,025	67,068
1978	734,479	221,663	413,918	98,898
1979	826,966	235,084	458,868	133,014
1980	970,958	286,430	556,751	127,777
1981	1,111,844	323,261	679,841	108,742
1982	1,385,410	379,207	888,709	117,494
1983	1,759,338	453,286	1,164,706	141,346
1984	2,127,999	501,459	1,464,601	161,939
1985	2,625,940	568,661	1,881,673	175,606
1986	3,282,986	906,817	2,160,999	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	9,073,727	1,998,335	6,387,871	687,521
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	15,421,278	3,204,888	11,379,107	837,283
1998	16,696,886	3,341,039	12,531,938	823,909
1999	18,064,173	3,896,013	13,237,833	930,327
2000	19,308,674	3,964,324	14,405,725	938,625
2001	20,160,662	4,500,201	14,711,086	949,375
2002	20,609,802	4,964,311	14,755,425	890,066
2003	21,755,632	5,944,627	14,881,412	929,593

Source: See Table 8-1a.

## 8-7b. Total Deposits with Monetary Institutions and Chunghwa Post Co. (Continued)

End of Year	Total	Deposit Money	Quasi-money	Government Deposits
II. Percentage (%)				
1972	100.0	25.3	59.4	15.3
1973	100.0	28.6	51.0	20.4
1974	100.0	25.4	56.4	18.2
1975	100.0	26.6	56.7	16.7
1976	100.0	26.9	57.5	15.6
1977	100.0	28.7	59.1	12.2
1978	100.0	30.2	56.3	13.5
1979	100.0	28.4	55.5	16.1
1980	100.0	29.5	57.3	13.2
1981	100.0	29.1	61.1	9.8
1982	100.0	27.4	64.1	8.5
1983	100.0	25.8	66.2	8.0
1984	100.0	23.6	68.8	7.6
1985	100.0	21.7	71.6	6.7
1986	100.0	27.6	65.8	6.6
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	73.0	4.7
2002	100.0	24.1	71.6	4.3
2003	100.0	27.3	68.4	4.3

## 8-8a. Deposits with Domestic Banks by Depositor

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
I. Amount (NT\$ million)					
1972	103,749	11,571	5,864	23,778	62,536
1973	139,133	21,374	7,261	32,884	77,614
1974	167,326	21,492	11,864	37,600	96,370
1975	217,557	29,278	18,647	46,081	123,551
1976	272,534	36,471	25,659	51,150	159,254
1977	335,949	36,795	29,824	71,842	197,488
1978	440,187	52,339	53,604	91,950	242,294
1979	473,971	65,576	47,583	94,518	266,294
1980	560,219	74,558	55,098	110,405	320,158
1981	633,456	77,587	66,038	123,544	366,287
1982	740,645	79,725	72,246	132,225	456,449
1983	909,130	98,133	77,163	157,070	576,764
1984	1,075,513	121,603	88,234	167,839	697,837
1985	1,337,255	132,337	103,083	185,869	915,966
1986	1,640,725	145,533	108,409	277,093	1,109,690
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	8,573,291	603,389	216,292	1,723,677	6,029,933
1998	10,240,228	609,558	250,768	2,077,387	7,302,515
1999	11,435,213	668,088	255,041	2,302,499	8,209,585
2000	12,308,285	710,288	254,288	2,730,018	8,613,691
2001	13,199,493	760,482	154,815	2,582,233	9,701,963
2002	13,565,396	684,970	133,460	2,652,184	10,094,782
2003	14,465,462	702,609	135,568	2,904,058	10,723,227

Source: See Table 8-1a.

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

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
II. Percentage (%)					
1972	100.0	11.1	5.7	22.9	60.3
1973	100.0	15.4	5.2	23.6	55.8
1974	100.0	12.8	7.1	22.5	57.6
1975	100.0	13.4	8.6	21.2	56.8
1976	100.0	13.4	9.4	18.8	58.4
1977	100.0	10.9	8.9	21.4	58.8
1978	100.0	11.9	12.2	20.9	55.0
1979	100.0	13.8	10.1	19.9	56.2
1980	100.0	13.3	9.8	19.7	57.2
1981	100.0	12.3	10.4	19.5	57.8
1982	100.0	10.8	9.8	17.8	61.6
1983	100.0	10.8	8.5	17.3	63.4
1984	100.0	11.3	8.2	15.6	64.9
1985	100.0	9.9	7.7	13.9	68.5
1986	100.0	8.9	6.6	16.9	67.6
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	7.0	2.5	20.1	70.3
1998	100.0	6.0	2.4	20.3	71.3
1999	100.0	5.8	2.2	20.1	71.8
2000	100.0	5.8	2.1	22.2	70.0
2001	100.0	5.8	1.2	19.6	73.5
2002	100.0	5.0	1.0	19.6	74.4
2003	100.0	4.9	0.9	20.1	74.1

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

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
I. Amount (NT\$ million)					
1972	104,599	3,914	18,093	69,967	12,625
1973	151,514	3,573	22,244	104,709	20,988
1974	214,759	3,871	39,497	152,154	19,237
1975	284,507	5,094	57,568	193,339	28,506
1976	317,704	6,647	66,130	208,476	36,451
1977	375,892	8,398	79,226	231,274	56,994
1978	470,186	12,590	86,440	284,211	86,945
1979	544,650	13,088	112,119	304,285	115,158
1980	693,599	14,480	169,069	352,948	157,102
1981	760,369	19,466	191,844	382,087	166,972
1982	903,567	35,996	229,982	419,462	218,127
1983	1,033,218	41,058	241,213	477,126	273,821
1984	1,146,106	36,623	233,901	540,381	335,201
1985	1,221,410	38,650	228,588	533,619	420,553
1986	1,354,803	42,371	224,580	550,371	537,481
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	9,289,204	1,357,950	352,992	3,425,680	4,152,582
1998	10,402,849	1,507,624	342,802	4,065,028	4,487,395
1999	11,286,591	1,693,764	345,097	4,598,963	4,648,767
2000	11,997,574	2,007,420	363,728	4,816,593	4,809,833
2001	11,828,227	2,055,935	433,382	4,616,955	4,721,955
2002	11,582,042	1,839,738	429,738	4,534,494	4,778,072
2003	12,171,239	1,839,384	387,699	4,662,634	5,281,522

Source: See Table 8-1a.

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

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
II. Percentage (%)					
1972	100.0	3.7	17.3	66.9	12.1
1973	100.0	2.4	14.7	69.1	13.8
1974	100.0	1.8	18.4	70.8	9.0
1975	100.0	1.8	20.2	68.0	10.0
1976	100.0	2.1	20.8	65.6	11.5
1977	100.0	2.2	21.1	61.5	15.2
1978	100.0	2.7	18.4	60.4	18.5
1979	100.0	2.4	20.6	55.9	21.1
1980	100.0	2.1	24.4	50.9	22.6
1981	100.0	2.6	25.2	50.3	21.9
1982	100.0	4.0	25.5	46.4	24.1
1983	100.0	4.0	23.3	46.2	26.5
1984	100.0	3.2	20.4	47.2	29.2
1985	100.0	3.2	18.7	43.7	34.4
1986	100.0	3.1	16.6	40.6	39.7
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	14.6	3.8	36.9	44.7
1998	100.0	14.5	3.3	39.1	43.1
1999	100.0	15.0	3.1	40.7	41.2
2000	100.0	16.7	3.0	40.1	40.1
2001	100.0	17.4	3.7	39.0	39.9
2002	100.0	15.9	3.7	39.2	41.3
2003	100.0	15.1	3.2	38.3	43.4

## 8-9c. Loans and Discounts at Domestic 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)					
1972	18,464	243	2,007	14,728	1,486
1973	46,915	-341	4,151	34,742	8,363
1974	63,245	298	17,253	47,445	-1,751
1975	69,748	1,223	18,071	41,185	9,269
1976	33,197	1,553	8,562	15,137	7,945
1977	58,188	1,751	13,096	22,798	20,543
1978	94,294	4,192	7,214	52,937	29,951
1979	74,464	498	25,679	20,074	28,213
1980	148,949	1,392	56,950	48,663	41,944
1981	66,770	4,986	22,775	29,139	9,870
1982	143,198	16,530	38,138	37,375	51,155
1983	129,651	5,062	11,231	57,664	55,694
1984	112,888	-4,435	-7,312	63,255	61,380
1985	75,304	2,027	-5,313	-6,762	85,352
1986	133,393	3,721	-4,008	16,752	116,928
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	1,427,543	225,557	20,139	488,000	693,847
1998	1,113,645	149,674	-10,190	639,348	334,813
1999	883,742	186,140	2,295	533,935	161,372
2000	710,983	313,656	18,631	217,630	161,066
2001	-169,347	48,515	69,654	-199,638	-87,878
2002	-246,185	-216,197	-3,644	-82,461	56,117
2003	589,197	-354	-42,039	128,140	503,450

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

End of Year	Total	Government	Public Enterprises	Private Enterprises	Individuals & All Others
IV. Percentage Change from Previous Year (%)					
1972	21.4	6.6	12.5	26.7	13.3
1973	44.9	-8.7	22.9	49.7	66.2
1974	41.7	8.3	77.6	45.3	-8.3
1975	32.5	31.6	45.8	27.1	48.2
1976	11.7	30.5	14.9	7.8	27.9
1977	18.3	26.3	19.8	10.9	56.4
1978	25.1	49.9	9.1	22.9	52.6
1979	15.8	4.0	29.7	7.1	32.4
1980	27.3	10.6	50.8	16.0	36.4
1981	9.6	34.4	13.5	8.3	6.3
1982	18.8	84.9	19.9	9.8	30.6
1983	14.3	14.1	4.9	13.7	25.5
1984	10.9	-10.8	-3.0	13.3	22.4
1985	6.6	5.5	-2.3	-1.3	25.5
1986	10.9	9.6	-1.8	3.1	27.8
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	18.2	19.9	6.1	16.6	20.1
1998	12.0	11.0	-2.9	18.7	8.1
1999	8.5	12.3	0.7	13.1	3.6
2000	6.3	18.5	5.4	4.7	3.5
2001	-1.4	2.4	19.2	-4.1	-1.8
2002	-2.1	-10.5	-0.8	-1.8	1.2
2003	5.1	-0.02	-9.8	2.8	10.5

## 8-10. Loans of Other Deposit Money Banks

Unit: NT\$ million

End of Year	Total	Local Branches of Foreign Banks	Medium Business Banks	Credit Co-operative Associations	Credit Departments of Farmers' and Fishermen's Associations
1972	28,148	6,761	5,767	10,020	5,600
1973	41,871	11,982	7,176	15,268	7,445
1974	58,504	23,900	9,109	17,106	8,389
1975	77,596	27,589	12,629	24,386	12,992
1976	98,879	36,406	15,302	29,765	17,406
1977	129,654	45,093	22,851	38,435	23,275
1978	167,526	45,159	32,789	56,539	33,039
1979	205,357	59,413	40,080	65,031	40,833
1980	265,887	85,286	48,292	79,222	53,087
1981	320,082	106,266	60,036	87,710	66,070
1982	366,565	98,093	79,405	104,635	84,432
1983	442,066	94,635	109,304	129,103	109,024
1984	503,243	91,078	134,830	148,484	128,851
1985	520,836	82,744	148,790	147,745	141,557
1986	562,488	101,154	170,236	144,107	146,991
1987	704,224	120,135	221,276	199,393	163,420
1988	975,226	137,789	309,915	327,608	199,914
1989	1,285,985	182,731	404,053	431,834	267,367
1990	1,501,510	195,494	472,592	492,089	341,335
1991	1,810,062	223,610	621,165	572,486	392,801
1992	2,355,058	255,529	783,640	767,277	548,612
1993	2,779,777	263,390	894,016	921,294	701,077
1994	3,172,380	280,618	1,054,346	1,020,449	816,967
1995	3,414,025	325,236	1,152,905	1,036,354	899,530
1996	3,337,996	349,531	1,165,811	962,537	860,117
1997	3,169,463	404,639	1,265,182	739,606	760,036
1998	2,702,695	385,088	944,628	655,189	717,790
1999	2,394,903	382,714	795,457	546,626	670,106
2000	2,328,688	391,474	810,777	491,323	635,114
2001	2,079,827	369,320	775,842	386,899	547,766
2002	1,990,669	357,265	781,652	359,774	491,978
2003	1,976,369	361,262	796,328	356,769	462,010

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)	Chunghwa Post Co. (2)	Life Insurance Companies (3)
1972	23,006	5,045	14,970	2,991
1973	36,387	14,912	17,739	3,736
1974	45,675	15,807	25,330	4,538
1975	58,941	19,185	34,086	5,670
1976	76,002	22,604	46,112	7,286
1977	111,248	33,885	67,918	9,445
1978	158,532	59,357	86,758	12,417
1979	169,806	53,081	100,680	16,045
1980	208,559	62,461	125,051	21,047
1981	269,416	74,827	165,751	28,838
1982	362,801	83,348	240,073	39,380
1983	475,536	105,266	316,067	54,203
1984	603,633	136,884	392,572	74,177
1985	714,447	108,272	510,062	96,113
1986	905,071	117,331	660,716	127,024
1987	1,098,600	136,675	791,590	170,335
1988	1,231,502	168,116	838,983	224,403
1989	1,405,587	251,889	857,852	295,846
1990	1,731,318	362,403	1,001,993	366,922
1991	2,176,494	481,597	1,242,914	451,983
1992	2,403,610	325,028	1,514,343	564,239
1993	2,654,083	361,091	1,607,323	685,669
1994	2,986,244	276,617	1,757,430	952,197
1995	3,359,146	260,731	1,962,432	1,135,983
1996	3,833,381	266,438	2,227,858	1,339,085
1997	4,065,736	264,510	2,235,777	1,565,449
1998	4,299,470	205,034	2,267,995	1,826,441
1999	4,858,146	156,301	2,553,400	2,148,445
2000	5,427,006	104,938	2,829,696	2,492,372
2001	6,077,837	117,107	3,041,226	2,919,504
2002	6,672,147	116,233	3,061,512	3,494,402
2003	7,389,074	118,842	3,122,226	4,148,006

(1) Including trust funds.

(2) Including savings deposits.

(3) Including 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	Chunghwa Post Co.	Life Insurance Companies
1972	6,809	5,910	156	743
1973	16,479	15,168	203	1,108
1974	19,081	17,630	246	1,205
1975	21,137	18,962	415	1,760
1976	23,098	19,497	880	2,721
1977	30,965	26,315	1,148	3,502
1978	48,437	42,338	1,081	5,018
1979	48,646	40,875	1,369	6,402
1980	55,760	45,154	1,751	8,855
1981	61,133	46,851	1,705	12,577
1982	70,997	51,109	1,698	18,190
1983	79,799	54,756	1,732	23,311
1984	90,054	57,647	2,344	30,063
1985	94,185	54,175	3,570	36,440
1986	90,382	48,961	4,142	37,279
1987	120,625	71,001	5,095	44,529
1988	163,059	99,832	6,103	57,124
1989	236,760	142,418	7,103	87,239
1990	340,354	203,556	4,161	132,637
1991	432,424	292,197	1,576	138,651
1992	430,842	233,222	2,865	194,755
1993	544,409	276,074	5,108	263,227
1994	563,679	220,537	2,457	340,685
1995	623,702	215,982	2,754	404,966
1996	665,610	219,851	3,474	442,285
1997	800,798	245,874	4,909	550,015
1998	868,761	193,867	6,400	668,494
1999	901,866	127,284	3,862	770,720
2000	980,795	89,782	4,602	886,411
2001	1,035,638	68,260	4,909	962,469
2002	1,032,893	50,364	4,316	978,213
2003	1,004,375	53,575	9,040	941,760

Source: See Table 8-1a.

8-13. Foreign Exchange Rates and Bank Interest Rates

End of Month	Foreign Exchange Rates (NT\$/US\$)		Bank Interest Rates (2)	
			Secured Loans	Time Deposits (3 Months)
	Buying	Selling	(percent per annum)	
Dec. 1972	40.00	40.10	11.25	6.25
Dec. 1973	37.90	38.10	13.25	8.00
Dec. 1974	37.95	38.05	14.75	10.00
Dec. 1975	37.95	38.05	13.25	8.50
Dec. 1976	37.95	38.05	12.00	7.25
Dec. 1977	37.95	38.05	10.75	6.00
Dec. 1978	35.95	36.05	10.75	6.00
Dec. 1979	35.98	36.08	14.50	9.50
Dec. 1980	35.96	36.06	16.20	10.25
Dec. 1981	37.79	37.89	15.25	10.75
Dec. 1982	39.86	39.96	10.75	7.50
Dec. 1983	40.22	40.32	10.25	7.00
Dec. 1984	39.42	39.52	10.00	6.50
Dec. 1985	39.80	39.90	9.50	5.25
Dec. 1986	35.45	35.55	9.00	4.00
Dec. 1987	28.50	28.60	9.00	4.00
Dec. 1988	28.12	28.22	9.00	4.50
Dec. 1989	26.1600 (1)		10.38	8.25
Dec. 1990	27.1075 (1)		10.00	7.75
Dec. 1991	25.7475 (1)		8.62	6.78
Dec. 1992	25.4025 (1)		8.30	6.50
Dec. 1993	26.6260 (1)		8.00	6.35
Dec. 1994	26.2400 (1)		8.00	6.10
Dec. 1995	27.2650 (1)		7.80	5.75
Dec. 1996	27.4910 (1)		7.53	5.20
Dec. 1997	32.6380 (1)		7.65	5.35
Dec. 1998	32.2160 (1)		7.87	4.90
Dec. 1999	31.3950 (1)		7.84	4.50
Dec. 2000	32.9920 (1)		7.94	4.60
Dec. 2001	34.9990 (1)		7.60	2.20
Dec. 2002	34.7530 (1)		7.31	1.55
Dec. 2003	33.9780 (1)		3.33	1.125

(1) Interbank closing rates.

(2) Bank interest rate offered by First Commercial Bank since 1986.

Source: See Table 8-1a.

## **9. PUBLIC FINANCE**

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

Amount unit: NT\$ million

Period (1)	Current Account			Capital Account			Total Surplus or Deficit(-) (A)+(B)	Financing				
	Revenues	Expendi- tures	Surplus or Deficit(-) (A)	Revenues	Expendi- tures	Surplus or Deficit(-) (B)		Net Borrowing	Proceeds from Issues of Public Bonds	Receipts from Loans for Economic Develop- ment	Surplus of Previous Fiscal Year	Less (-) : Principle Repay- ment
FY 1964	17,547	13,683	3,864	625	4,785	-4,160	-296	866	800	48	35	17
1965	21,080	17,870	3,210	1,066	4,518	-3,452	-242	1,234	1,200	17	21	4
1968	31,200	26,024	5,176	553	6,162	-5,609	-433	2,666	3,000	455	27	816
1970	46,586	35,901	10,685	1,701	11,325	-9,624	1,061	1,001	2,500	428	0	1,927
1975	123,238	82,915	40,323	3,073	40,643	-37,570	2,753	4,845	400	1,009	6,314	2,878
1976	152,063	95,699	56,364	4,061	50,895	-46,834	9,530	6,578	4,600	1,913	3,466	3,401
1977	176,113	111,953	64,160	4,112	75,708	-71,596	-7,436	8,771	3,106	1,524	8,973	4,832
1978	209,638	131,857	77,780	6,530	89,622	-83,092	-5,311	12,056	6,510	5,862	5,104	5,420
1979	268,723	154,307	114,416	7,836	92,581	-84,745	29,671	3,038	5,600	2,894	2,367	7,823
1980	327,649	213,738	113,911	13,066	126,625	-113,559	352	23,173	0	4,612	23,595	5,034
1981	390,881	264,906	125,975	20,831	160,825	-139,994	-14,019	18,506	4,000	3,717	18,278	7,489
1982	435,156	302,278	132,878	19,305	184,975	-165,670	-32,792	29,818	13,382	6,806	16,118	6,488
1983	448,294	334,612	113,681	12,823	155,282	-142,459	-28,778	31,775	22,300	7,778	9,961	8,264
1984	503,021	342,524	160,496	12,890	163,699	-150,809	9,689	5,419	9,779	5,982	2,483	12,825
1985	531,075	382,713	148,362	11,527	163,625	-152,098	-3,735	16,045	24,088	7,102	2,246	17,391
1986	566,944	434,112	132,831	17,895	182,606	-164,711	-31,880	35,423	28,800	7,441	15,125	15,943
1987	629,488	443,239	186,249	20,715	198,672	-177,957	8,292	37,416	48,339	8,457	844	20,224
1988	737,872	485,901	251,971	27,567	240,567	-213,000	38,971	61,730	76,540	9,504	1,147	25,461
1989	890,664	577,967	312,697	30,911	629,384	-598,473	-285,776	428,754	117,397	313,138	30,422	32,203
1990	1,053,410	702,812	350,599	38,991	394,706	-355,715	-5,117	41,510	15,831	72,855	22,053	69,229
1991	997,536	823,188	174,348	52,395	452,425	-400,030	-225,682	247,743	145,003	136,605	107,147	141,012
1992	1,218,653	919,058	299,595	38,915	642,872	-603,957	-304,362	319,047	312,903	89,133	51,197	134,186
1993	1,352,986	1,025,405	327,581	63,348	730,902	-667,554	-339,972	375,047	340,886	99,609	37,540	102,988
1994	1,441,922	1,163,298	278,624	60,832	663,069	-602,237	-323,613	334,367	108,327	231,135	82,280	87,375
1995	1,522,624	1,328,425	194,198	36,805	581,641	-544,836	-350,637	378,444	75,104	389,432	78,771	164,863
1996	1,550,943	1,383,725	167,218	53,241	460,061	-406,820	-239,602	257,682	115,769	249,676	54,348	162,111
1997	1,629,420	1,463,449	165,972	75,338	415,315	-339,976	-174,005	181,317	136,265	199,991	33,049	187,988
1998	1,960,620	1,545,052	415,568	92,838	447,542	-354,704	60,864	59,827	59,904	176,262	35,726	212,065
1999	1,867,081	1,554,405	312,676	137,313	495,598	-358,285	-45,609	45,899	77,558	112,444	23,739	167,842
2000	2,679,563	2,529,683	149,880	105,299	611,253	-505,954	-356,074	376,319	482,119	87,332	37,634	230,766
2001	1,809,035	1,771,630	37,405	87,242	499,669	-412,427	-375,021	293,575	332,948	99,180	15,862	154,415
2002	1,706,562	1,649,669	56,893	75,547	489,344	-413,797	-356,904	306,219	203,193	126,616	64,813	88,403

(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. Increase Rate of Net Revenues and Expenditures of All Levels of Government (Continued)

Unit: %

Period	Current Account			Capital Account		
	Revenues	Expenditures	Surplus or Deficit (-)	Revenues	Expenditures	Surplus or Deficit (-)
FY 1966	6.8	13.6	-31.3	-67.4	-21.9	...
1967	18.3	10.2	93.1	419.0	136.5	...
1968	17.1	16.3	21.5	-69.4	-16.4	...
1970	10.8	15.6	-2.9	130.2	4.6	...
1975	14.6	32.1	-9.9	22.7	67.5	...
1976	23.4	15.4	39.8	32.2	25.2	...
1977	15.8	17.0	13.8	1.3	48.8	...
1978	19.0	17.8	21.2	58.8	18.4	...
1979	28.2	17.0	47.1	20.0	3.3	...
1980	21.9	38.5	-0.4	66.7	36.8	...
1981	19.3	23.9	10.6	59.4	27.0	...
1982	11.3	14.1	5.5	-7.3	15.0	...
1983	3.0	10.7	-14.4	-33.6	-16.1	...
1984	12.2	2.4	41.2	0.5	5.4	...
1985	5.6	11.7	-7.6	-10.6	-0.05	...
1986	6.8	13.4	-10.5	55.2	11.6	...
1987	11.0	2.1	40.2	15.8	8.8	...
1988	17.2	9.6	35.3	33.1	21.1	...
1989	20.7	18.9	24.1	12.1	161.6	...
1990	18.3	21.6	12.1	26.1	-37.3	...
1991	-5.3	17.1	-50.3	34.4	14.6	...
1992	22.2	11.6	71.8	-25.7	42.1	...
1993	11.0	11.6	9.3	62.8	13.7	...
1994	6.6	13.4	-14.9	-4.0	-9.3	...
1995	5.6	14.2	-30.3	-39.5	-12.3	...
1996	1.9	4.2	-13.9	44.7	-20.9	...
1997	5.1	5.8	-0.7	41.5	-9.7	...
1998	20.3	5.6	150.4	23.2	7.8	...
1999	-4.8	0.6	-24.8	47.9	10.7	...
2000	43.5	62.7	-52.1	-23.3	23.3	...
2001	-32.5	-30.0	-75.0	-17.1	-18.3	...
2002	-5.7	-6.9	52.1	-13.4	-2.1	...

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

Period (1)	Total	Tax Revenue (2)	Monopoly Revenue	Surplus of Public Enterprises & Public Utilities	Fee & Fine	Revenue from Public Property	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
1976	156,124	106,983	14,784	16,570	7,626	4,946	5,215
1977	180,224	122,697	16,608	18,536	9,742	5,038	7,603
1978	216,168	149,048	19,145	21,732	11,337	7,452	7,454
1979	276,559	199,345	21,176	22,764	13,005	9,231	11,038
1980	340,715	237,187	24,162	33,106	15,573	14,594	16,093
1981	411,712	281,087	33,963	41,107	18,237	22,524	14,795
1982	454,461	300,496	37,594	55,628	18,273	21,164	21,306
1983	461,117	302,478	39,901	60,486	21,096	15,473	21,683
1984	515,913	343,212	40,152	63,022	25,690	15,130	28,707
1985	542,603	353,109	41,738	76,779	27,764	13,597	29,616
1986	584,838	356,975	44,824	99,646	28,877	20,330	34,186
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	2,784,863	1,852,451	77,316	458,420	171,956	131,854	92,865
2001	1,896,278	1,200,278	57,563	346,581	118,927	107,519	65,410
2002	1,782,109	1,190,874	346	260,865	170,072	88,482	71,469

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

(2) Excluding financial enterprises business tax and health and welfare surcharge on tobacco.

Source: See Table 9-1a.

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

Period	Total	Tax Revenue	Monopoly Revenue	Surplus of Public Enterprises & Public Utilities	Fee & Fine	Revenue from Public Property	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
1976	100.0	68.5	9.5	10.6	4.9	3.2	3.3
1977	100.0	68.1	9.2	10.3	5.4	2.8	4.2
1978	100.0	69.0	8.9	10.1	5.2	3.4	3.4
1979	100.0	72.1	7.7	8.2	4.7	3.3	4.0
1980	100.0	69.6	7.1	9.7	4.6	4.3	4.7
1981	100.0	68.3	8.2	10.0	4.4	5.5	3.6
1982	100.0	66.1	8.3	12.2	4.0	4.7	4.7
1983	100.0	65.6	8.7	13.1	4.6	3.4	4.7
1984	100.0	66.5	7.8	12.2	5.0	2.9	5.6
1985	100.0	65.1	7.7	14.2	5.1	2.5	5.5
1986	100.0	61.0	7.7	17.0	4.9	3.5	5.8
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	66.8	0.02	14.6	9.5	5.0	4.0

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

Period (1)	Total	General Adminis- tration	National Defense	Education, Science & Culture	Economic Development	Social Security	Obligations (2)	Others
<b>I. Amount (NT\$ million)</b>								
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	22,388	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	2,108
1976	146,594	17,860	37,013	23,783	47,603	16,940	763	2,632
1977	187,660	22,493	47,005	28,277	66,693	20,428	593	2,170
1978	221,479	21,740	62,446	38,990	71,280	24,489	368	2,166
1979	246,888	24,936	70,464	41,228	77,567	29,118	339	3,236
1980	340,363	32,031	103,141	52,846	108,860	38,224	1,827	3,435
1981	425,731	42,219	104,623	75,409	145,365	51,295	1,756	5,064
1982	487,253	50,137	119,641	87,422	147,480	71,819	2,391	8,364
1983	489,894	54,480	134,155	96,267	121,184	75,789	4,197	3,823
1984	506,224	53,648	123,418	98,564	138,613	81,962	5,657	4,363
1985	546,338	61,968	135,243	111,522	138,021	88,743	6,032	4,809
1986	616,718	70,077	153,588	129,018	154,534	99,265	5,394	4,841
1987	641,911	72,074	148,798	133,700	171,364	103,075	6,989	5,911
1988	726,468	80,222	160,375	147,183	192,406	132,294	8,000	5,988
1989	1,207,351	97,299	187,908	205,001	541,385	153,575	10,701	11,483
1990	1,097,518	125,786	210,974	227,271	302,281	203,701	16,755	10,749
1991	1,275,613	153,278	227,099	288,077	322,087	239,182	33,398	12,492
1992	1,561,930	198,348	239,398	324,834	461,821	293,057	33,936	10,537
1993	1,756,306	208,961	253,511	350,351	545,651	319,998	63,894	13,941
1994	1,826,367	216,069	321,821	382,197	468,080	351,303	75,179	11,717
1995	1,910,066	222,403	269,960	357,487	438,152	415,196	194,890	11,978
1996	1,843,786	243,973	284,926	374,401	329,135	495,155	106,061	10,135
1997	1,878,764	244,757	291,920	375,822	295,035	543,320	115,630	12,280
1998	1,992,594	257,265	312,286	411,513	335,012	545,291	115,896	15,331
1999	2,050,004	279,113	286,571	429,127	351,103	551,344	140,910	11,836
2000	3,140,936	468,033	357,757	655,109	474,895	902,990	270,252	11,900
2001	2,271,299	328,736	247,597	430,078	398,792	681,844	171,565	12,687
2002	2,139,013	325,437	225,243	437,990	405,383	560,352	170,966	13,642

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

(2) Debt repayments are excluded.

Source: See Table 9-1a.

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

Period	Total	General Administration	National Defense	Education, Science & Culture	Economic Development	Social Security	Obligations	Others
<b>II. Percentage (%)</b>								
FY 1955	100.0	15.3	48.6	13.6	10.6	6.7	1.9	3.7
1960	100.0	11.7	49.4	13.6	14.0	6.9	0.1	4.3
1965	100.0	12.8	41.0	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
1976	100.0	12.2	25.2	16.2	32.5	11.6	0.5	1.8
1977	100.0	12.0	25.0	15.1	35.5	10.9	0.3	1.2
1978	100.0	9.8	28.2	17.6	32.2	11.1	0.2	1.0
1979	100.0	10.1	28.5	16.7	31.4	11.8	0.1	1.3
1980	100.0	9.4	30.3	15.5	32.0	11.2	0.5	1.0
1981	100.0	9.9	24.6	17.7	34.1	12.0	0.4	1.2
1982	100.0	10.3	24.6	17.9	30.3	14.7	0.5	1.7
1983	100.0	11.1	27.4	19.7	24.7	15.5	0.9	0.8
1984	100.0	10.6	24.4	19.5	27.4	16.2	1.1	0.9
1985	100.0	11.3	24.8	20.4	25.3	16.2	1.1	0.9
1986	100.0	11.4	24.9	20.9	25.1	16.1	0.9	0.8
1987	100.0	11.2	23.2	20.8	26.7	16.1	1.1	0.9
1988	100.0	11.0	22.1	20.3	26.5	18.2	1.1	0.8
1989	100.0	8.1	15.6	17.0	44.8	12.7	0.9	1.0
1990	100.0	11.5	19.2	20.7	27.5	18.6	1.5	1.0
1991	100.0	12.0	17.8	22.6	25.2	18.8	2.6	1.0
1992	100.0	12.7	15.3	20.8	29.6	18.8	2.2	0.7
1993	100.0	11.9	14.4	19.9	31.1	18.2	3.6	0.8
1994	100.0	11.8	17.6	20.9	25.6	19.2	4.1	0.6
1995	100.0	11.6	14.1	18.7	22.9	21.7	10.2	0.6
1996	100.0	13.2	15.5	20.3	17.9	26.9	5.8	0.5
1997	100.0	13.0	15.5	20.0	15.7	28.9	6.2	0.7
1998	100.0	12.9	15.7	20.7	16.8	27.4	5.8	0.8
1999	100.0	13.6	14.0	20.9	17.1	26.9	6.9	0.6
2000	100.0	14.9	11.4	20.9	15.1	28.7	8.6	0.4
2001	100.0	14.5	10.9	18.9	17.6	30.0	7.6	0.6
2002	100.0	15.2	10.5	20.5	19.0	26.2	8.0	0.6

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

Unit: NT\$ million

Period (1)	Gross National Product (A)	Net Government Expenditure (B)	Percentage (%) (B/A x 100)
FY 1967	134,843	29,706	22.0
1968	155,882	32,186	20.6
1969	184,161	39,721	21.6
1970	210,260	47,226	22.5
1971	245,425	51,943	21.2
1972	289,041	60,930	21.2
1973	349,966	76,872	22.0
1974	499,173	87,043	17.4
1975	554,142	123,558	22.3
1976	642,537	146,594	22.8
1977	759,540	187,660	24.7
1978	896,098	221,479	24.7
1979	1,093,349	246,888	22.6
1980	1,334,257	340,363	25.5
1981	1,634,120	425,731	26.1
1982	1,838,429	487,253	26.5
1983	1,986,885	489,894	24.7
1984	2,244,953	506,224	22.5
1985	2,449,539	546,338	22.3
1986	2,680,483	616,718	23.0
1987	3,134,828	641,911	20.5
1988	3,442,690	726,468	21.1
1989	3,801,819	1,207,351	31.8
1990	4,227,304	1,097,518	26.0
1991	4,635,911	1,275,613	27.5
1992	5,199,918	1,561,930	30.0
1993	5,744,339	1,756,306	30.6
1994	6,291,937	1,826,367	29.0
1995	6,840,051	1,910,066	27.9
1996	7,451,364	1,843,786	24.7
1997	8,078,304	1,878,764	23.3
1998	8,753,450	1,992,594	22.8
1999	9,209,327	2,050,004	22.3
2000	14,578,443	3,140,936	21.5
2001	9,698,047	2,271,299	23.4
2002	10,003,041	2,139,013	21.4
2003	10,181,422	2,285,715	22.4

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

Source: See Table 9-1a.

9-5a. Tax and Monopoly Revenues (1)

Unit: NTS million

Period (2)	Total	Customs Duties	Commodity Tax	Income Tax	Stamp Tax	Business Tax	Harbor Dues	Tobacco and Alcohol Tax
FY 1954	4,352	1,014	409	388	165	176	85	-
1955	5,095	1,096	477	624	227	223	105	-
1960	8,802	1,618	895	912	410	501	198	-
1965	15,247	3,477	2,074	1,365	510	900	418	-
1970	36,664	8,591	6,272	3,438	1,126	2,179	1,249	-
1975	97,504	23,527	14,018	16,373	3,560	7,246	4,621	-
1976	121,767	29,078	17,565	18,373	4,436	8,863	5,613	-
1977	139,305	32,023	19,538	22,527	5,271	10,393	5,851	-
1978	168,194	40,027	23,967	27,349	6,269	12,137	7,942	-
1979	220,521	53,597	32,761	35,694	8,022	15,669	9,952	-
1980	261,349	57,003	41,678	45,052	10,180	20,543	11,409	-
1981	315,049	57,781	49,202	58,147	12,567	26,638	13,216	-
1982	338,090	56,323	48,195	65,542	13,224	30,183	12,658	-
1983	342,379	55,570	48,171	65,016	13,723	31,486	12,089	-
1984	383,364	67,622	54,471	67,957	16,186	35,871	14,523	-
1985	394,846	66,873	54,573	75,889	16,531	38,195	14,078	-
1986	401,800	63,838	49,526	79,440	15,291	45,745	12,656	-
1987	461,455	76,267	51,805	91,339	2,558	62,173	15,856	-
1988	558,046	78,583	66,105	123,122	3,061	73,733	12,394	-
1989	677,418	89,387	79,870	157,063	3,299	77,785	13,833	-
1990	847,733	81,880	85,061	225,752	3,604	111,886	13,395	-
1991	808,621	79,269	85,823	193,743	4,001	122,447	-	-
1992	967,624	88,429	113,470	216,151	5,028	147,008	-	-
1993	1,045,496	99,928	136,499	237,618	5,483	168,973	-	-
1994	1,127,481	102,941	143,791	266,020	6,178	196,098	-	-
1995	1,232,264	115,366	156,757	319,384	6,737	214,248	-	-
1996	1,197,797	104,806	154,673	343,550	6,917	216,837	-	-
1997	1,271,453	103,406	146,445	352,890	6,755	223,450	-	-
1998	1,397,052	114,331	150,363	398,390	7,094	243,998	-	-
1999	1,355,062	103,045	145,497	432,389	7,399	251,782	-	-
2000	1,929,767	156,815	219,425	610,580	11,032	324,410	-	-
2001	1,257,841	92,558	133,883	478,636	7,036	203,707	-	-
2002	1,225,601	85,901	143,641	392,939	6,911	214,735	-	41,188
2003	1,252,766	82,783	146,012	411,087	7,786	197,521	-	49,773

(1) Including Surtax and temporary tax.

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

Source: See Table 9-1a.

9-5b. Tax and Monopoly Revenues (Continued)

Unit: NT\$ million

Period	Licence Tax	Land Tax	House Tax	Amusement Tax	Deeds Tax	Others Tax	Tobacco & Wine Monopoly Revenue	Financial Enterprises Business Tax	Health and Welfare Surcharge on Tobacco
FY 1954	51	283	113	63	37	673	895	-	-
1955	53	315	147	75	68	764	921	-	-
1960	99	462	219	100	66	1,436 (3)	1,886	-	-
1965	155	886	439	176	185	1,389	3,273	-	-
1970	347	3,065	1,485	406	561	1,938	6,007	-	-
1975	1,330	6,236	3,330	395	1,461	2,292	13,115	-	-
1976	1,291	11,312	3,862	493	2,285	3,812	14,784	-	-
1977	1,498	13,261	4,446	633	2,600	4,656	16,608	-	-
1978	1,768	15,732	5,185	725	2,887	5,061	19,145	-	-
1979	2,195	24,087	6,550	918	3,654	6,246	21,176	-	-
1980	4,586	26,999	7,733	1,098	4,201	6,705	24,162	-	-
1981	5,445	35,877	10,740	1,255	4,458	5,760	33,963	-	-
1982	6,105	41,143	14,267	1,432	5,447	5,977	37,594	-	-
1983	6,582	41,051	16,075	1,453	4,990	6,272	39,901	-	-
1984	7,368	47,196	17,559	1,341	5,605	7,513	40,152	-	-
1985	8,076	46,094	18,848	1,207	5,901	6,843	41,738	-	-
1986	9,140	47,068	20,436	1,235	6,381	6,220	44,824	-	-
1987	10,099	65,416	21,894	1,088	7,851	8,972	46,137	-	-
1988	11,711	90,173	24,206	897	9,244	18,408	46,409	-	-
1989	14,095	123,948	24,724	663	9,978	35,107	47,666	-	-
1990	16,482	105,556	27,429	642	9,892	113,233	52,921	-	-
1991	18,666	121,624	29,178	625	9,614	83,518	60,113	-	-
1992	21,349	217,645	31,765	782	12,277	55,207	58,513	-	-
1993	24,470	222,039	32,795	1,068	13,395	41,119	62,109	-	-
1994	27,087	206,379	36,776	1,282	17,497	58,729	64,703	-	-
1995	30,446	193,615	40,200	1,579	21,829	70,695	61,408	-	-
1996	36,367	158,134	42,946	1,851	17,370	58,387	55,959	-	-
1997	39,070	174,783	45,852	1,655	15,509	103,459	58,179	-	-
1998	41,996	173,803	48,302	1,769	14,346	145,212	57,448	-	-
1999	43,216	148,313	45,852	1,690	13,096	107,461	55,322	-	-
2000	46,689	215,533	48,436	2,252	15,267	202,012	77,316	-	-
2001	44,688	93,182	48,056	1,533	8,493	88,506	57,563	-	-
2002	45,886	98,069	46,464	1,649	10,262	103,228	346	26,083	8,298
2003	47,765	111,803	48,013	1,751	11,600	104,222	-	22,433	10,217

(3) Including flood rehabilitation surtax.

## 9-6a. Structure of Tax and Monopoly Revenues (1)

Unit: %

Period (2)	Total	Customs Duties	Commodity Tax	Income Tax	Stamp Tax	Business Tax	Harbor Dues	Tobacco and Alcohol Tax
FY 1954	100.0	23.3	9.4	8.9	3.8	4.0	2.0	-
1955	100.0	21.5	9.4	12.2	4.5	4.4	2.1	-
1960	100.0	18.4	10.2	10.4	4.7	5.7	2.2	-
1965	100.0	22.8	13.6	9.0	3.3	5.9	2.7	-
1970	100.0	23.4	17.1	9.4	3.1	5.9	3.4	-
1975	100.0	24.1	14.4	16.8	3.7	7.4	4.7	-
1976	100.0	23.9	14.4	15.1	3.6	7.3	4.6	-
1977	100.0	23.0	14.0	16.2	3.8	7.5	4.2	-
1978	100.0	23.8	14.2	16.3	3.7	7.2	4.7	-
1979	100.0	24.3	14.9	16.2	3.6	7.1	4.5	-
1980	100.0	21.8	15.9	17.2	3.9	7.9	4.4	-
1981	100.0	18.3	15.6	18.5	4.0	8.5	4.2	-
1982	100.0	16.7	14.3	19.4	3.9	8.9	3.7	-
1983	100.0	16.2	14.1	19.0	4.0	9.2	3.5	-
1984	100.0	17.6	14.2	17.7	4.2	9.4	3.8	-
1985	100.0	16.9	13.8	19.2	4.2	9.7	3.6	-
1986	100.0	15.9	12.3	19.8	3.8	11.4	3.1	-
1987	100.0	16.5	11.2	19.8	0.6	13.5	3.4	-
1988	100.0	14.1	11.8	22.1	0.5	13.2	2.2	-
1989	100.0	13.2	11.8	23.2	0.5	11.5	2.0	-
1990	100.0	9.7	10.0	26.6	0.4	13.2	1.6	-
1991	100.0	9.8	10.6	24.0	0.5	15.1	-	-
1992	100.0	9.1	11.7	22.3	0.5	15.2	-	-
1993	100.0	9.6	13.1	22.7	0.5	16.2	-	-
1994	100.0	9.1	12.8	23.6	0.5	17.4	-	-
1995	100.0	9.4	12.7	25.9	0.5	17.4	-	-
1996	100.0	8.7	12.9	28.7	0.6	18.1	-	-
1997	100.0	8.1	11.5	27.8	0.5	17.6	-	-
1998	100.0	8.2	10.8	28.5	0.5	17.5	-	-
1999	100.0	7.6	10.7	31.9	0.5	18.6	-	-
2000	100.0	8.1	11.4	31.6	0.6	16.8	-	-
2001	100.0	7.4	10.6	38.1	0.6	16.2	-	-
2002	100.0	7.0	11.7	32.1	0.6	17.5	-	3.4
2003	100.0	6.6	11.7	32.8	0.6	15.8	-	4.0

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

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

Source: See Table 9-1a.

## 9-6b. Structure of Tax and Monopoly Revenues (Continued)

Unit: %

Period	Licence Tax	Land Tax	House Tax	Amusement Tax	Deeds Tax	Others	Tobacco & Wine Monopoly Revenue	Financial Enterprises Business Tax	Health and Welfare Surcharge on Tobacco
FY 1954	1.2	6.5	2.6	1.4	0.9	15.5	20.6	-	-
1955	1.0	6.2	2.9	1.5	1.3	15.0	18.1	-	-
1960	1.1	5.2	2.5	1.1	0.7	16.3 (3)	21.4	-	-
1965	1.0	5.8	2.9	1.2	1.2	9.1	21.5	-	-
1970	1.0	8.4	4.1	1.1	1.5	5.3	16.4	-	-
1975	1.4	6.4	3.4	0.4	1.5	2.4	13.5	-	-
1976	1.1	9.3	3.2	0.4	1.9	3.1	12.1	-	-
1977	1.1	9.5	3.2	0.5	1.9	3.3	11.9	-	-
1978	1.1	9.4	3.1	0.4	1.7	3.0	11.4	-	-
1979	1.0	10.9	3.0	0.4	1.7	2.8	9.6	-	-
1980	1.8	10.3	3.0	0.4	1.6	2.6	9.2	-	-
1981	1.7	11.4	3.4	0.4	1.4	1.8	10.8	-	-
1982	1.8	12.2	4.2	0.4	1.6	1.8	11.1	-	-
1983	1.9	12.0	4.7	0.4	1.5	1.8	11.7	-	-
1984	1.9	12.3	4.6	0.3	1.5	2.0	10.5	-	-
1985	2.1	11.7	4.8	0.3	1.5	1.7	10.6	-	-
1986	2.3	11.7	5.1	0.3	1.6	1.5	11.2	-	-
1987	2.2	14.2	4.7	0.2	1.7	1.9	10.0	-	-
1988	2.1	16.2	4.3	0.2	1.7	3.3	8.3	-	-
1989	2.1	18.3	3.6	0.1	1.5	5.2	7.0	-	-
1990	1.9	12.5	3.2	0.1	1.2	13.4	6.2	-	-
1991	2.3	15.0	3.6	0.1	1.2	10.3	7.4	-	-
1992	2.2	22.5	3.3	0.1	1.3	5.7	6.0	-	-
1993	2.3	21.2	3.1	0.1	1.3	3.9	5.9	-	-
1994	2.4	18.3	3.3	0.1	1.6	5.2	5.7	-	-
1995	2.5	15.7	3.3	0.1	1.8	5.7	5.0	-	-
1996	3.0	13.2	3.6	0.2	1.5	4.9	4.7	-	-
1997	3.1	13.7	3.6	0.1	1.2	8.1	4.6	-	-
1998	3.0	12.4	3.5	0.1	1.0	10.4	4.1	-	-
1999	3.2	10.9	3.4	0.1	1.0	7.9	4.1	-	-
2000	2.4	11.2	2.5	0.1	0.8	10.5	4.0	-	-
2001	3.6	7.4	3.8	0.1	0.7	7.0	4.6	-	-
2002	3.7	8.0	3.8	0.1	0.8	8.4	-	2.1	0.7
2003	3.8	8.9	3.8	0.1	0.9	8.3	-	1.8	0.8

(3) See note (3) of Table 9-5b.

## 9-7. Direct and Indirect Taxes

Unit: NT\$ million

Period (2)	Total		Direct Taxes (1)		Indirect Taxes	
	amount	%	amount	%	amount	%
FY 1954	4,352	100.0	1,064	24.4	3,288	75.6
1955	5,095	100.0	1,427	28.0	3,668	72.0
1960	8,802	100.0	1,945	22.1	6,857	77.9
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
1976	121,767	100.0	36,341	29.8	85,426	70.2
1977	139,305	100.0	43,429	31.2	95,876	68.8
1978	168,194	100.0	52,158	31.0	116,036	69.0
1979	220,521	100.0	71,662	32.5	148,859	67.5
1980	261,349	100.0	85,535	32.7	175,814	67.3
1981	315,049	100.0	111,630	35.4	203,419	64.6
1982	338,090	100.0	128,870	38.1	209,220	61.9
1983	342,379	100.0	130,168	38.0	212,211	62.0
1984	383,364	100.0	142,332	37.1	241,032	62.9
1985	394,846	100.0	150,164	38.0	244,682	62.0
1986	401,800	100.0	156,311	38.9	245,489	61.1
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

(1) Including income tax, tax on securities and futures transactions, land tax, household tax, deed tax, and house tax (in each of which the defense surtax and educational tax are also included), and mining lot tax, and estate & gift tax.

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

Source: See Table 9-1a.

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

Period (1)	Amount (NT\$ million)	Indices		Annual Increase Rate (%)
		1954 = 100	1991 = 100	
FY 1954	4,352	100.0	0.5	-
1955	5,095	117.1	0.6	17.1
1960	8,802	202.3	1.1	-
1965	15,247	350.3	1.9	18.7
1970	36,664	842.5	4.5	11.9
1975	97,504	2,240.4	12.1	9.7
1976	121,767	2,798.0	15.1	24.9
1977	139,305	3,201.0	17.2	14.4
1978	168,194	3,864.8	20.8	20.7
1979	220,521	5,067.1	27.3	31.1
1980	261,349	6,005.3	32.3	18.5
1981	315,049	7,239.2	39.0	20.5
1982	338,090	7,768.6	41.8	7.3
1983	342,379	7,867.2	42.3	1.3
1984	383,364	8,808.9	47.4	12.0
1985	394,846	9,072.7	48.8	3.0
1986	401,800	9,232.5	49.7	1.8
1987	461,455	10,603.3	57.1	14.8
1988	558,046	12,822.7	69.0	20.9
1989	677,418	15,565.7	83.8	21.4
1990	847,733	19,479.2	104.8	25.1
1991	808,621	18,580.4	100.0	-4.6
1992	967,624	22,234.0	119.7	19.7
1993	1,045,496	24,023.3	129.3	8.0
1994	1,127,481	25,907.2	139.4	7.8
1995	1,232,264	28,314.9	152.4	9.3
1996	1,197,797	27,522.9	148.1	-2.8
1997	1,271,453	29,215.4	157.2	6.1
1998	1,397,052	32,101.4	172.8	9.9
1999	1,355,062	31,136.5	167.6	-3.0
2000	1,929,767	44,342.1	238.6	42.4
2001	1,257,841	28,902.6	155.6	-34.8
2002	1,225,601	28,161.8	151.6	-2.6
2003	1,252,766	28,786.0	154.9	2.2

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

## 9-9. Tax Burden and Gross National Product

Unit: NT\$ million

Period (1)	Gross National Product (A)	Tax and Monopoly Revenues (B)	Tax Burden (B/A x 100) %
FY 1966	117,420	17,298	14.7
1968	155,882	24,347	15.6
1969	184,161	32,760	17.8
1970	210,260	36,664	17.4
1975	554,142	97,504	17.6
1976	642,537	121,767	19.0
1977	759,540	139,305	18.3
1978	896,098	168,194	18.8
1979	1,093,349	220,521	20.2
1980	1,334,257	261,349	19.6
1981	1,634,120	315,049	19.3
1982	1,838,429	338,090	18.4
1983	1,986,885	342,379	17.2
1984	2,244,953	383,364	17.1
1985	2,449,539	394,846	16.1
1986	2,680,483	401,800	15.0
1987	3,134,828	461,455	14.7
1988	3,442,690	558,046	16.2
1989	3,801,819	677,418	17.8
1990	4,227,304	847,733	20.1
1991	4,635,911	808,621	17.4
1992	5,199,918	967,624	18.6
1993	5,744,339	1,045,496	18.2
1994	6,291,937	1,127,481	17.9
1995	6,840,051	1,232,264	18.0
1996	7,451,364	1,197,797	16.1
1997	8,078,304	1,271,453	15.7
1998	8,753,450	1,397,052	16.0
1999	9,209,327	1,355,062	14.7
2000	14,578,443	1,929,767	13.2
2001	9,698,047	1,257,841	13.0
2002	10,003,041	1,225,601	12.3
2003	10,181,422	1,252,766	12.3

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

Source: See Table 9-1a.

## **10. PRICES**

10-1. Price Indices

Base: 2001=100

Period	GDP Deflator (1996=100)	Wholesale Price Index	Consumer Price Index	Import Price Index	Export Price Index
1951	6.57	-	-	-	-
1955	11.02	21.14	-	-	-
1960	16.62	32.53	15.30	-	-
1965	19.04	36.00	17.21	-	-
1970	24.00	39.51	21.31	-	-
1975	40.73	67.68	37.87	-	-
1976	42.93	69.55	38.81	-	-
1977	45.64	71.47	41.55	-	-
1978	48.06	74.00	43.94	-	-
1979	53.58	84.23	48.23	-	-
1980	62.26	102.38	57.40	-	-
1981	69.77	110.18	66.77	130.62	109.31
1982	72.17	109.98	68.75	129.17	110.45
1983	73.55	108.69	69.68	125.95	109.45
1984	74.20	109.20	69.66	124.86	109.67
1985	74.64	106.37	69.55	123.00	109.52
1986	77.17	102.81	70.04	106.98	104.89
1987	77.60	99.47	70.40	99.13	97.16
1988	78.32	97.91	71.30	98.14	94.58
1989	80.90	97.55	74.45	92.88	91.06
1990	83.93	96.96	77.52	95.07	93.31
1991	87.16	97.12	80.33	92.40	93.81
1992	90.00	93.55	83.92	86.00	88.76
1993	93.23	95.90	86.39	90.00	93.37
1994	95.06	97.98	89.93	94.60	93.90
1995	96.98	105.21	93.23	104.20	100.37
1996	100.00	104.15	96.10	101.61	102.05
1997	101.68	103.68	96.96	100.19	104.14
1998	104.36	104.30	98.60	100.93	109.94
1999	102.88	99.55	98.77	96.79	100.56
2000	101.10	101.36	100.01	101.27	99.68
2001	101.68	100.00	100.00	100.00	100.00
2002	100.65	100.05	99.80	100.40	98.51
2003	98.48	102.53	99.52	105.56	97.04

Source: Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C. *Commodity-Price Statistics Monthly in Taiwan Area of the Republic of China*, March 2004.

## 10-2a. Group Indices of Wholesale Prices

Base: 2001=100

Period	General Index	Agriculture, Forestry, Livestock & Fishery Products					Mineral Products	Manufacturing Products	Foods & Beverages	Tobaccos	Textile Products
		Farm Products	Forest Products	Livestock & Poultry	Aquatic Products						
1981	110.18	89.69	82.61	47.85	142.18	75.15	115.37	109.91	104.10	95.95	103.51
1982	109.98	90.03	82.69	45.55	145.80	75.82	117.62	109.36	105.89	95.95	99.62
1983	108.69	89.94	83.64	43.74	140.66	77.69	106.73	108.69	103.87	95.95	99.85
1984	109.20	89.29	84.75	46.84	127.44	78.22	103.57	109.68	104.20	95.95	105.42
1985	106.37	84.56	82.15	40.47	109.30	79.64	102.94	107.00	97.74	95.95	98.77
1986	102.81	87.88	79.88	45.11	128.46	85.49	67.67	104.95	98.55	95.95	101.89
1987	99.47	85.68	82.03	47.63	119.99	77.91	65.66	101.56	94.65	95.95	102.08
1988	97.91	83.28	76.77	51.94	119.46	77.22	55.11	101.04	94.40	95.95	95.53
1989	97.55	88.47	80.28	51.76	135.09	79.54	56.81	99.89	96.52	95.95	92.07
1990	96.96	83.26	83.40	50.38	102.14	78.05	67.35	99.23	93.55	95.95	93.15
1991	97.12	82.98	84.04	53.19	99.79	76.37	60.25	99.80	93.72	95.93	96.43
1992	93.55	89.60	86.65	49.05	116.05	85.17	59.72	95.23	95.46	95.12	88.53
1993	95.90	96.46	89.09	73.91	128.93	91.16	57.63	97.57	99.08	94.74	85.71
1994	97.98	103.90	97.18	81.73	134.78	98.84	53.76	99.59	100.23	94.86	92.88
1995	105.21	107.97	100.40	79.17	145.09	100.92	60.02	107.31	105.77	95.28	101.75
1996	104.15	114.39	109.07	84.93	143.54	110.26	67.15	105.29	110.70	96.77	99.14
1997	103.68	101.44	102.34	83.47	101.10	107.53	75.54	105.27	105.63	99.19	104.05
1998	104.30	110.77	113.12	81.97	112.52	106.84	70.49	105.75	104.01	100.00	105.33
1999	99.55	117.47	104.33	92.86	141.72	119.81	80.79	99.49	101.87	100.00	98.29
2000	101.36	105.00	99.43	94.32	110.04	112.45	100.43	101.26	97.18	100.00	99.62
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	100.05	99.85	95.29	104.69	107.11	100.48	105.22	99.83	106.64	131.47	99.20
2003	102.53	106.74	100.29	115.96	120.63	104.09	120.55	101.58	107.99	132.37	102.10

Source: See Table 10-1.

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

Period	Ready-made Apparel & Accessories	Hides, Skins, Leather & Related Products	Lumber & Wood Products	Furniture & Fixture	Pulp, Paper & Allied Products	Chemicals	Chemical Products	Petroleum & Coal Products	Rubber & Plastic Products	Nonmetallic Mineral Products
1981	73.43	59.67	73.56	76.44	84.46	128.46	91.68	121.96	96.77	105.00
1982	77.37	61.45	74.17	76.85	81.78	121.21	92.02	122.78	96.74	104.69
1983	79.18	64.87	73.24	76.91	82.31	119.27	91.39	116.45	97.72	106.08
1984	81.66	68.62	71.86	76.81	89.69	121.69	90.93	114.76	99.25	104.27
1985	82.89	64.91	67.41	76.19	85.15	115.60	89.81	113.30	98.64	102.30
1986	80.38	67.59	66.48	77.50	87.00	108.54	89.98	95.89	94.54	102.31
1987	81.42	68.17	65.85	74.39	91.54	105.92	88.39	86.51	91.40	100.31
1988	77.60	70.60	68.96	75.30	91.77	113.79	86.76	73.37	92.86	99.42
1989	75.44	69.92	69.42	78.66	93.78	107.91	85.88	68.14	91.26	102.54
1990	77.67	73.34	73.03	82.14	91.84	98.41	86.79	73.18	91.24	102.15
1991	78.05	72.51	74.02	81.14	94.80	98.28	88.10	80.29	92.12	103.27
1992	76.18	68.37	71.69	78.61	90.32	84.78	86.47	75.18	88.07	107.85
1993	78.49	70.41	81.65	83.50	88.49	83.90	88.33	73.86	88.72	109.91
1994	78.92	73.40	85.27	84.73	100.67	95.05	87.82	69.16	91.19	105.38
1995	84.27	76.97	88.71	89.86	119.79	122.54	89.67	72.95	99.95	105.20
1996	88.27	79.22	91.19	90.66	106.78	103.14	90.98	74.78	99.86	107.70
1997	92.19	87.60	95.68	93.20	105.31	100.84	91.68	80.99	102.45	104.68
1998	103.60	96.32	96.97	103.19	103.72	92.47	98.34	75.34	106.04	111.02
1999	100.55	91.55	98.41	99.35	103.53	87.67	98.04	74.95	103.01	104.62
2000	98.35	91.26	95.71	96.08	110.21	106.76	99.00	99.51	100.39	100.58
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	96.75	97.08	100.93	101.25	99.11	102.83	98.36	99.89	101.13	99.20
2003	94.82	98.15	103.19	102.35	102.36	119.90	97.75	111.38	103.03	100.83

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

Period										Water Supply, Electricity & Gas
	Primary Metal	Metal Products	Machinery	Computer, Communication Equipment, Audio & Video Equipment	Electronic Components & Accessories	Electrical Equipments & Apparatus	Transportation Equipment & Parts	Precision Instruments	Miscellaneous Products	
1981	124.39	89.52	83.72	-	174.32	-	75.74	100.96	94.40	128.46
1982	117.98	89.95	83.97	-	181.19	-	76.81	103.16	94.33	130.71
1983	117.17	90.59	83.32	-	178.86	-	77.78	101.27	94.89	127.66
1984	117.57	91.59	83.63	-	175.22	-	78.68	100.66	94.34	126.84
1985	113.54	90.73	83.81	-	173.93	-	78.83	99.53	94.29	124.71
1986	111.29	92.44	86.19	-	170.02	-	81.11	101.58	90.15	118.87
1987	105.52	90.95	85.66	-	153.35	-	82.77	97.94	83.52	111.48
1988	112.18	90.92	85.23	-	148.42	-	87.33	91.72	80.30	96.33
1989	116.93	93.51	86.19	-	143.54	-	87.26	89.14	75.69	97.41
1990	110.26	93.81	88.41	-	144.58	-	87.83	90.91	76.81	97.39
1991	109.18	93.51	87.25	152.68	141.93	103.58	88.21	92.80	77.95	97.52
1992	100.81	89.55	85.36	143.85	133.33	100.30	88.34	87.44	75.80	97.01
1993	102.81	90.94	91.78	155.01	135.68	101.55	92.05	91.79	80.89	96.20
1994	102.85	91.14	94.74	149.85	135.10	103.94	94.63	92.63	82.04	96.62
1995	116.01	96.39	99.41	148.86	136.38	110.28	98.13	94.38	89.21	97.28
1996	108.40	97.66	95.76	147.44	137.47	107.25	97.12	94.81	93.49	97.29
1997	110.21	97.79	93.96	140.80	130.14	105.93	96.30	95.39	96.86	98.47
1998	109.34	102.61	103.18	131.78	123.74	107.59	100.51	104.66	105.50	98.87
1999	99.88	96.19	102.13	109.09	109.08	101.40	100.67	99.57	100.04	97.84
2000	104.53	97.75	99.43	99.78	109.00	99.24	100.60	96.70	97.97	99.87
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	107.45	102.15	99.17	94.41	93.03	98.26	98.73	100.80	99.69	99.60
2003	126.34	108.23	100.80	83.60	88.21	97.17	100.27	102.70	99.10	100.57

10-3a. Group Link Indices of Wholesale Prices

Period	General Index	Agriculture, Forestry, Livestock & Fishery Products	Agriculture, Forestry, Livestock & Fishery Products				Mineral Products	Manufacturing Products	Foods & Beverages	Tobaccos	Textile Products
			Farm Products	Forest Products	Livestock & Poultry	Aquatic Products					
1982	99.82	100.38	100.10	95.19	102.55	100.89	101.95	99.50	101.72	100.00	96.24
1983	98.83	99.90	101.15	96.03	96.47	102.47	90.74	99.39	98.09	100.00	100.23
1984	100.47	99.28	101.33	107.09	90.60	100.68	97.04	100.91	100.32	100.00	105.58
1985	97.41	94.70	96.93	86.40	85.77	101.82	99.39	97.56	93.80	100.00	93.69
1986	96.65	103.93	97.24	111.47	117.53	107.35	65.74	98.08	100.83	100.00	103.16
1987	96.75	97.50	102.69	105.59	93.41	91.13	97.03	96.77	96.04	100.00	100.19
1988	98.43	97.20	93.59	109.05	99.56	99.11	83.93	99.49	99.74	100.00	93.58
1989	99.63	106.23	104.57	99.65	113.08	103.00	103.08	98.86	102.25	100.00	96.38
1990	99.40	94.11	103.89	97.33	75.61	98.13	118.55	99.34	96.92	100.00	101.17
1991	100.17	99.66	100.77	105.58	97.70	97.85	89.46	100.57	100.18	99.98	103.52
1992	96.32	107.98	103.11	92.22	116.29	111.52	99.12	95.42	101.86	99.16	91.81
1993	102.51	107.66	102.82	150.68	111.10	107.03	96.50	102.46	103.79	99.60	96.81
1994	102.17	107.71	109.08	110.58	104.54	108.42	93.28	102.07	101.16	100.13	108.37
1995	107.38	103.92	103.31	96.87	107.65	102.10	111.64	107.75	105.53	100.44	109.55
1996	98.99	105.95	108.64	107.28	98.93	109.25	111.88	98.12	104.66	101.56	97.43
1997	99.54	88.68	93.83	98.28	70.43	97.52	112.49	99.98	95.42	102.50	104.95
1998	100.60	109.20	110.53	98.20	111.30	99.36	93.31	100.46	98.47	100.82	101.23
1999	95.45	106.05	92.23	113.29	125.95	112.14	114.61	94.08	97.94	100.00	93.32
2000	101.82	89.38	95.30	101.57	77.65	93.86	124.31	101.78	95.40	100.00	101.35
2001	98.66	95.24	100.57	106.02	90.88	88.93	99.57	98.76	102.90	100.00	100.38
2002	100.05	99.85	95.29	104.69	107.11	100.48	105.22	99.83	106.64	131.47	99.20
2003	102.48	106.90	105.25	110.77	112.62	103.59	114.57	101.75	101.27	100.68	102.92

Source: See Table 10-1.

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

Period	Ready-made Apparel & Accessories	Hides, Skins, Leather & Related Products	Lumber & Wood Products	Furniture & Fixture	Pulp, Paper & Allied Products	Chemicals	Chemical Products	Petroleum & Coal Products	Rubber & Plastic Products	Nonmetallic Mineral Products
1982	105.37	102.98	100.83	100.54	96.83	94.36	100.37	100.67	99.97	99.70
1983	102.34	105.57	98.75	100.08	100.65	98.40	99.32	94.84	101.01	101.33
1984	103.13	105.78	98.12	99.87	108.97	102.03	99.50	98.55	101.57	98.29
1985	101.51	94.59	93.81	99.19	94.94	95.00	98.77	98.73	99.39	98.11
1986	96.97	104.13	98.62	101.72	102.17	93.89	100.19	84.63	95.84	100.01
1987	101.29	100.86	99.05	95.99	105.22	97.59	98.23	90.22	96.68	98.05
1988	95.31	103.56	104.72	101.22	100.25	107.43	98.16	84.81	101.60	99.11
1989	97.22	99.04	100.67	104.46	102.19	94.83	98.99	92.87	98.28	103.14
1990	102.96	104.89	105.20	104.42	97.93	91.20	101.06	107.40	99.98	99.62
1991	100.49	98.87	101.36	98.78	103.22	99.87	101.51	109.72	100.96	101.10
1992	97.60	94.29	96.85	96.88	95.27	86.26	98.15	93.64	95.60	104.43
1993	103.03	102.98	113.89	106.22	97.97	98.96	102.15	98.24	100.74	101.91
1994	100.55	104.25	104.43	101.47	113.76	113.29	99.42	93.64	102.78	95.88
1995	106.78	104.86	104.03	106.05	118.99	128.92	102.11	105.48	109.61	99.83
1996	104.75	102.92	102.80	100.89	89.14	84.17	101.46	102.51	99.91	102.38
1997	104.44	110.58	104.92	102.80	98.62	97.77	100.77	108.30	102.59	97.20
1998	112.38	109.95	101.35	110.72	98.49	91.70	107.26	93.02	103.50	106.06
1999	97.06	95.05	101.48	96.28	99.82	94.81	99.69	99.48	97.14	94.24
2000	97.81	99.68	97.26	96.71	106.45	121.77	100.98	132.77	97.46	96.14
2001	101.68	109.58	104.48	104.08	90.74	93.67	101.01	100.49	99.61	99.42
2002	96.75	97.08	100.93	101.25	99.11	102.83	98.36	99.89	101.13	99.20
2003	98.01	101.10	102.24	101.09	103.28	116.60	99.38	111.50	101.88	101.64

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

Period										
	Primary Metal	Metal Products	Machinery	Computer, Communication Equipment, Audio & Video Equipment	Electronic Components & Accessories	Electrical Equipments & Apparatus	Transportation Equipment & Parts	Precision Instruments	Miscellaneous Products	Water Supply, Electricity & Gas
1982	94.85	100.48	100.30	-	103.94	-	101.41	102.18	99.93	101.75
1983	99.31	100.71	99.23	-	98.71	-	101.26	98.17	100.59	97.67
1984	100.34	101.10	100.37	-	97.96	-	101.16	99.40	99.42	99.36
1985	96.57	99.06	100.22	-	99.26	-	100.19	98.88	99.95	98.32
1986	98.02	101.88	102.84	-	97.75	-	102.89	102.06	95.61	95.32
1987	94.82	98.39	99.39	-	90.20	-	102.05	96.42	92.65	93.78
1988	106.31	99.97	99.50	-	96.79	-	105.51	93.65	96.14	86.41
1989	104.23	102.85	101.13	-	96.71	-	99.92	97.19	94.26	101.12
1990	94.30	100.32	102.58	-	100.72	-	100.65	101.99	101.48	99.98
1991	99.02	99.68	98.69	-	98.17	-	100.43	102.08	101.48	100.13
1992	92.33	95.77	97.83	94.22	93.94	96.83	100.15	94.22	97.24	99.48
1993	101.98	101.55	107.52	107.76	101.76	101.25	104.20	104.97	106.72	99.17
1994	100.04	100.22	103.23	96.67	99.57	102.35	102.80	100.92	101.42	100.44
1995	112.80	105.76	104.93	99.34	100.95	106.10	103.70	101.89	108.74	100.68
1996	93.44	101.32	96.33	99.05	100.80	97.25	98.97	100.46	104.80	100.01
1997	101.67	100.13	98.12	95.50	94.67	98.77	99.16	100.61	103.60	101.21
1998	99.21	104.93	109.81	93.59	95.08	101.57	104.37	109.72	108.92	100.41
1999	91.35	93.74	98.98	82.78	88.15	94.25	100.16	95.14	94.82	98.96
2000	104.66	101.62	97.36	91.47	99.93	97.87	99.93	97.12	97.93	102.07
2001	95.67	102.30	100.57	100.22	91.74	100.77	99.40	103.41	102.07	100.13
2002	107.45	102.15	99.17	94.41	93.03	98.26	98.73	100.80	99.69	99.60
2003	117.58	105.95	101.64	88.55	94.82	98.89	101.56	101.88	99.41	100.97

10-4. Consumer Price Indices

Base: 2001=100

Period	General Index	Food	Clothing	Housing	Transportation & Communi- cations	Medicines & Medical Care	Eductation & Entertainment	Miscellaneous
1982	68.75	67.27	107.38	67.48	89.40	65.26	42.78	84.49
1983	69.68	68.17	108.52	68.80	88.78	65.24	44.16	84.46
1984	69.66	66.52	109.49	69.40	90.00	67.47	45.35	84.87
1985	69.55	65.06	108.08	69.66	90.69	69.79	47.31	84.95
1986	70.04	66.57	105.02	69.56	87.38	70.09	49.01	85.00
1987	70.40	67.38	103.16	69.92	85.94	70.91	50.02	84.51
1988	71.30	68.29	104.65	70.40	84.92	70.52	52.95	85.29
1989	74.45	72.53	103.96	73.52	86.00	73.60	55.32	86.47
1990	77.52	74.98	104.00	77.74	88.06	76.10	59.62	87.47
1991	80.33	75.64	103.88	82.22	93.43	79.01	64.44	88.19
1992	83.92	82.05	104.94	85.10	92.35	83.35	68.33	90.37
1993	86.39	84.59	101.93	88.37	92.86	84.54	73.04	92.39
1994	89.93	90.13	101.40	92.05	93.10	86.11	77.31	94.12
1995	93.23	94.04	104.92	95.38	95.34	87.48	81.11	95.45
1996	96.10	97.68	107.53	97.35	96.49	88.96	87.04	96.37
1997	96.96	96.95	108.31	98.46	97.57	91.06	90.19	97.34
1998	98.60	101.29	102.78	99.72	96.62	91.91	93.11	98.34
1999	98.77	100.52	101.38	99.82	95.89	95.11	95.06	99.83
2000	100.01	100.93	101.70	100.34	98.95	98.68	97.92	100.41
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	99.80	99.80	100.58	98.88	97.78	101.29	100.11	105.09
2003	99.52	99.72	101.96	97.81	98.38	104.65	98.81	104.66

Source: See Table 10-1.

10-5. Consumer Price Link Indices

Period	General Index	Food	Clothing	Housing	Transportation & Communi- cations	Medicines & Medical Care	Eductation & Entertainment	Miscellaneous
1983	101.35	101.34	101.06	101.96	99.31	99.97	103.23	99.96
1984	99.97	97.58	100.89	100.87	101.37	103.42	102.69	100.49
1985	99.84	97.81	98.71	100.37	100.77	103.44	104.32	100.09
1986	100.70	102.32	97.17	99.86	96.35	100.43	103.59	100.06
1987	100.51	101.22	98.23	100.52	98.35	101.17	102.06	99.42
1988	101.28	101.35	101.44	100.69	98.81	99.45	105.86	100.92
1989	104.42	106.21	99.34	104.43	101.27	104.37	104.48	101.38
1990	104.12	103.38	100.04	105.74	102.40	103.40	107.77	101.16
1991	103.62	100.88	99.88	105.76	106.10	103.82	108.08	100.82
1992	104.47	108.47	101.02	103.50	98.84	105.49	106.04	102.47
1993	102.94	103.10	97.13	103.84	100.55	101.43	106.89	102.24
1994	104.10	106.55	99.48	104.16	100.26	101.86	105.85	101.87
1995	103.67	104.34	103.47	103.62	102.41	101.59	104.92	101.41
1996	103.08	103.87	102.49	102.07	101.21	101.69	107.31	100.96
1997	100.89	99.25	100.73	101.14	101.12	102.36	103.62	101.01
1998	101.69	104.48	94.89	101.28	99.03	100.93	103.24	101.03
1999	100.17	99.24	98.64	100.10	99.24	103.48	102.09	101.52
2000	101.26	100.41	100.32	100.52	103.19	103.75	103.01	100.58
2001	99.99	99.08	98.33	99.66	101.06	101.34	102.12	99.59
2002	99.80	99.80	100.58	98.88	97.78	101.29	100.11	105.09
2003	99.72	99.92	101.37	98.92	100.61	103.32	98.70	99.59

Source: See Table 10-1.

10-6. Import Price Indices

Base: 2001=100

Period	General Index	Animal, Vegetable Products & Prepared Foods	Mineral Products	Textiles & Textile Articles	Wood, Paper, Pulp & Articles Thereof	Chemicals, Plastic, Rubber & Articles Thereof	Primary Metals & Articles Thereof	Machinery, Optical & Precision Instruments	Electronic Machinery	Transportation Eq. & Parts	Miscellaneous Products
1982	129.17	106.93	-	118.83	86.50	104.90	98.31	-	-	74.79	-
1983	125.95	108.77	-	117.68	85.73	104.28	98.80	-	-	76.58	-
1984	124.86	109.54	-	118.63	87.98	104.03	99.98	-	-	76.42	-
1985	123.00	104.04	-	111.27	82.91	103.21	98.40	-	-	75.41	-
1986	106.98	93.39	-	102.86	81.82	99.10	94.59	-	-	76.84	-
1987	99.13	77.19	-	107.99	85.55	93.69	91.98	-	-	74.43	-
1988	98.14	86.75	-	106.56	80.91	101.66	106.43	-	-	72.93	-
1989	92.88	85.58	-	98.47	75.32	92.83	105.22	-	-	66.28	-
1990	95.07	84.23	-	99.68	74.70	88.93	100.31	-	-	70.97	-
1991	92.40	84.08	67.96	93.62	72.66	88.94	96.03	86.57	140.38	72.42	65.27
1992	86.00	79.37	62.47	83.84	65.40	78.19	86.66	84.81	133.69	73.95	61.56
1993	90.00	81.86	60.62	84.97	73.41	80.69	86.71	95.14	141.20	83.84	64.63
1994	94.60	83.55	59.63	92.57	85.95	89.15	90.25	99.56	145.88	88.50	71.69
1995	104.20	90.75	66.04	104.80	102.42	108.18	104.81	105.95	145.27	93.63	82.08
1996	101.61	103.77	74.86	96.84	91.71	99.65	98.27	99.51	141.26	87.58	80.45
1997	100.19	99.90	75.88	99.37	92.32	97.70	102.50	95.88	133.94	83.57	86.39
1998	100.93	107.32	67.50	106.45	95.43	96.70	106.11	105.06	124.96	89.69	98.85
1999	96.79	96.76	76.07	97.66	96.05	91.78	95.38	105.23	111.30	94.46	93.93
2000	101.27	93.34	101.44	95.94	100.76	104.59	99.85	102.44	104.03	99.75	92.08
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	100.40	104.93	103.88	102.81	100.00	101.48	104.03	99.01	94.78	96.40	100.02
2003	105.56	113.04	117.93	108.14	105.47	111.88	121.14	101.81	90.49	99.38	103.93

Source: See Table 10-1.

10-7. Import Price Link Indices

Period	General Index	Animal, Vegetable Products & Prepared Foods	Mineral Products	Textiles & Textile Articles	Wood, Paper, Pulp & Articles Thereof	Chemicals, Plastic, Rubber & Articles Thereof	Primary Metals & Articles Thereof	Machinery, Optical & Precision Instruments	Electronic Machinery	Transportation Eq. & Parts	Miscellaneous Products
1983	97.51	101.72	-	99.03	99.11	99.41	100.50	-	-	102.39	-
1984	99.13	100.71	-	100.81	102.62	99.76	101.19	-	-	99.79	-
1985	98.51	94.98	-	93.80	94.24	99.21	98.42	-	-	98.68	-
1986	86.98	89.76	-	92.44	98.69	96.02	96.13	-	-	101.90	-
1987	92.66	82.65	-	104.99	104.56	94.54	97.24	-	-	96.86	-
1988	99.00	112.39	-	98.68	94.58	108.51	115.71	-	-	97.98	-
1989	94.64	98.65	-	92.41	93.09	91.31	98.86	-	-	90.88	-
1990	102.36	98.42	-	101.23	99.18	95.80	95.33	-	-	107.08	-
1991	97.19	99.82	-	93.92	97.27	100.01	95.73	-	-	102.04	-
1992	93.07	94.40	91.92	89.55	90.01	87.91	90.24	97.97	95.23	102.11	94.32
1993	104.65	103.14	97.04	101.35	112.25	103.20	100.06	112.18	105.62	113.37	104.99
1994	105.11	102.06	98.37	108.94	117.08	110.48	104.08	104.65	103.31	105.56	110.92
1995	110.15	108.62	110.75	113.21	119.16	121.35	116.13	106.42	99.58	105.80	114.49
1996	97.51	114.35	113.36	92.40	89.54	92.11	93.76	93.92	97.24	93.54	98.01
1997	98.60	96.27	101.36	102.61	100.67	98.04	104.30	96.35	94.82	95.42	107.38
1998	100.74	107.43	88.96	107.12	103.37	98.98	103.52	109.57	93.30	107.32	114.42
1999	95.90	90.16	112.70	91.74	100.65	94.91	89.89	100.16	89.07	105.32	95.02
2000	104.63	96.47	133.35	98.24	104.90	113.96	104.69	97.35	93.47	105.60	98.03
2001	98.75	107.14	98.58	104.23	99.25	95.61	100.15	97.62	96.13	100.25	108.60
2002	100.40	104.93	103.88	102.81	100.00	101.48	104.03	99.01	94.78	96.40	100.02
2003	105.14	107.73	113.53	105.18	105.47	110.25	116.45	102.83	95.47	103.09	103.91

Source: See Table 10-1.

## 10-8. Export Price Indices

Base: 2001=100

Period	General Index	Animal, Vegetable Products & Prepared Foods	Textiles & Textile Articles	Wood, Paper, Pulp & Articles Thereof	Chemicals, Plastic, Rubber & Articles Thereof	Primary Metals & Articles Thereof	Machinery, Optical & Precision Instruments	Electronic Machinery	Transportation Eq. & Parts	Miscellaneous Products
1982	110.45	102.61	81.79	91.77	101.20	105.30	-	-	77.66	84.23
1983	109.45	100.29	82.20	90.77	97.08	102.85	-	-	78.70	83.81
1984	109.67	98.91	86.10	88.92	96.91	102.31	-	-	80.79	83.43
1985	109.52	101.95	85.71	81.55	98.64	103.73	-	-	82.21	83.52
1986	104.89	103.84	82.58	79.66	93.78	97.40	-	-	79.71	78.93
1987	97.16	95.25	81.50	76.43	85.28	91.18	-	-	80.21	72.13
1988	94.58	91.98	77.50	76.49	85.58	90.70	-	-	89.26	70.84
1989	91.06	87.02	74.94	76.68	80.86	90.86	-	-	86.69	67.62
1990	93.31	83.89	76.28	78.40	81.75	91.43	-	-	91.60	70.18
1991	93.81	88.35	77.00	76.90	81.55	90.34	88.15	134.27	94.14	70.26
1992	88.76	87.05	73.49	72.64	76.18	83.57	83.95	125.39	90.27	67.38
1993	93.37	97.39	75.70	73.94	80.29	88.05	86.75	133.53	90.23	71.32
1994	93.90	102.85	80.22	82.84	81.87	88.36	87.16	128.60	90.48	71.14
1995	100.37	112.04	89.07	97.97	91.31	94.28	90.25	130.88	92.53	78.20
1996	102.05	117.18	90.24	89.31	87.33	95.97	91.82	132.49	93.75	83.36
1997	104.14	114.74	96.18	96.40	90.53	98.40	94.62	127.96	95.72	87.53
1998	109.94	128.36	104.32	102.94	99.55	106.98	104.24	125.28	108.13	94.58
1999	100.56	141.10	97.65	100.85	94.54	97.10	99.13	105.95	105.09	92.15
2000	99.68	110.99	97.31	101.90	98.94	98.10	95.82	103.04	100.56	97.59
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	98.51	102.05	99.31	103.84	99.50	102.42	99.33	94.98	98.96	100.10
2003	97.04	107.54	101.08	105.00	105.71	113.05	100.42	86.34	100.85	102.49

Source: See Table 10-1.

## 10-9. Export Price Link Indices

Period	General Index	Animal, Vegetable Products & Prepared Foods	Textiles & Textile Articles	Wood, Paper, Pulp & Articles Thereof	Chemicals, Plastic, Rubber & Articles Thereof	Primary Metals & Articles Thereof	Machinery, Optical & Precision Instruments	Electronic Machinery	Transportation Eq. & Parts	Miscellaneous Products
1983	99.09	97.74	100.50	98.91	95.93	97.67	-	-	101.34	99.50
1984	100.20	98.62	104.74	97.96	99.82	99.47	-	-	102.66	99.55
1985	99.86	103.07	99.55	91.71	101.79	101.39	-	-	101.76	100.11
1986	95.77	101.85	96.35	97.68	95.07	93.90	-	-	96.96	94.50
1987	92.63	91.73	98.69	95.95	90.94	93.61	-	-	100.63	91.38
1988	97.34	96.57	95.09	100.08	100.35	99.47	-	-	111.28	98.21
1989	96.28	94.61	96.70	100.25	94.48	100.18	-	-	97.12	95.45
1990	102.47	96.40	101.79	102.24	101.10	100.63	-	-	105.66	103.79
1991	100.54	105.32	100.94	98.09	99.76	98.81	-	-	102.77	100.11
1992	94.62	98.53	95.44	94.46	93.42	92.51	95.24	93.39	95.89	95.90
1993	105.19	111.88	103.01	101.79	105.40	105.36	103.34	106.49	99.96	105.85
1994	100.57	105.61	105.97	112.04	101.97	100.35	100.47	96.31	100.28	99.75
1995	106.89	108.94	111.03	118.26	111.53	106.70	103.55	101.77	102.27	109.92
1996	101.67	104.59	101.31	91.16	95.64	101.79	101.74	101.23	101.32	106.60
1997	102.05	97.92	106.58	107.94	103.66	102.53	103.05	96.58	102.10	105.00
1998	105.57	111.87	108.46	106.78	109.96	108.72	110.17	97.91	112.96	108.05
1999	91.47	109.93	93.61	97.97	94.97	90.76	95.10	84.57	97.19	97.43
2000	99.12	78.66	99.65	101.04	104.65	101.03	96.66	97.25	95.69	105.90
2001	100.32	90.10	102.76	98.14	101.07	101.94	104.36	97.05	99.44	102.47
2002	98.51	102.05	99.31	103.84	99.50	102.42	99.33	94.98	98.96	100.10
2003	98.51	105.38	101.78	101.12	106.24	110.38	101.10	90.90	101.91	102.39

Source: See Table 10-1.

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

Base: 1996=100

Period	Received			Paid		
	General Index	Crops	Livestock Products	General Index	Production Cost	Living Cost
1982	82.84	69.65	115.34	77.32	84.86	73.90
1983	84.34	73.39	110.78	77.40	83.93	74.50
1984	76.96	69.00	95.65	76.61	83.16	73.70
1985	72.94	69.31	80.13	75.13	79.31	73.41
1986	78.33	70.51	96.59	75.23	78.28	74.08
1987	79.10	75.13	89.84	74.32	73.71	74.80
1988	81.58	78.48	90.70	74.77	72.72	75.90
1989	87.00	81.04	101.89	78.12	76.96	78.86
1990	85.27	91.27	76.63	79.68	75.07	81.97
1991	81.89	87.43	74.02	82.12	76.88	84.67
1992	86.79	88.90	83.80	85.31	80.69	87.56
1993	89.86	90.22	89.34	89.15	86.33	90.53
1994	96.50	98.99	92.98	92.45	90.06	93.61
1995	101.27	102.81	99.07	95.87	93.43	97.05
1996	100.00	100.00	100.00	100.00	100.00	100.00
1997	86.76	96.38	73.13	97.82	93.02	100.17
1998	95.03	103.95	81.31	99.36	94.79	101.62
1999	100.67	100.32	98.23	100.18	97.62	101.57
2000	87.22	91.61	79.32	100.24	94.77	102.89
2001	86.22	95.51	72.29	100.33	94.67	103.07
2002	87.32	92.54	78.37	101.44	94.34	104.81
2003	88.28	87.39	86.87	103.14	97.63	105.55

Source: See Table 10-1.

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
1983	101.80	105.37	96.05	100.11	98.89	100.81
1984	91.25	94.02	86.34	98.98	99.08	98.93
1985	94.78	100.46	83.78	98.06	95.38	99.60
1986	107.40	101.73	120.54	100.13	98.70	100.92
1987	100.98	106.55	93.02	98.80	94.16	100.97
1988	103.14	104.46	100.95	100.61	98.66	101.46
1989	106.63	103.26	112.34	104.48	105.82	103.90
1990	98.01	112.62	75.21	102.00	97.54	103.94
1991	96.03	95.79	96.60	103.05	102.41	103.30
1992	105.99	101.68	113.21	103.89	104.96	103.42
1993	103.54	101.49	106.61	104.50	106.99	103.38
1994	107.39	109.72	104.08	103.69	104.32	103.40
1995	104.94	103.86	106.55	103.70	103.75	103.68
1996	98.75	97.27	100.93	104.31	107.03	103.04
1997	86.76	96.38	73.13	97.82	93.02	100.17
1998	109.53	107.85	111.19	101.57	101.90	101.45
1999	105.93	96.51	120.81	100.83	102.99	99.95
2000	86.64	91.32	80.75	100.06	97.08	101.30
2001	98.85	104.26	91.14	100.09	99.89	100.17
2002	101.28	96.89	108.41	101.11	99.65	101.69
2003	101.10	94.43	110.85	101.68	103.49	100.71

Source: See Table 10-1.



## **11. EXTERNAL TRADE**

## 11-1a. Balance of Payments

Unit: US\$ million

Item	1988	1989	1990	1991	1992	1993	1994	1995
<b>A. Current Account (1)</b>	10,200	11,416	10,923	12,468	8,550	7,042	6,498	5,474
Goods: exports f.o.b.	60,507	66,158	67,164	75,915	81,135	84,778	92,719	111,214
Goods: imports f.o.b.	- 46,817	- 50,043	- 52,357	- 60,232	- 68,417	- 73,328	- 80,870	- 97,979
<i>Balance on Goods</i>	13,690	16,115	14,807	15,683	12,718	11,450	11,849	13,235
Services: credit	5,757	7,147	7,008	8,472	10,218	13,314	13,205	15,016
Services: debit	- 10,731	- 13,555	- 14,658	- 16,903	- 19,346	- 21,210	- 21,070	- 24,053
<i>Balance on Goods and Services</i>	8,716	9,707	7,157	7,252	3,590	3,554	3,984	4,198
Income: credit	5,316	6,653	6,917	7,429	7,467	6,802	7,125	8,119
Income: debit	- 1,910	- 2,837	- 2,555	- 2,374	- 2,668	- 2,480	- 3,061	- 3,931
<i>Balance on Goods, Services, and Income</i>	12,122	13,523	11,519	12,307	8,389	7,876	8,048	8,386
Current transfers: credit	939	1,617	1,644	1,802	2,200	1,831	2,168	2,312
Current transfers: debit	- 2,861	- 3,724	- 2,240	- 1,641	- 2,039	- 2,665	- 3,718	- 5,224
<b>B. Capital Account (1)</b>	- 19	- 31	- 156	- 443	- 393	- 328	- 344	- 650
Capital account: credit	...	...	...	...	...	...	...	...
Capital account: debit	- 19	- 31	- 156	- 443	- 393	- 328	- 344	- 650
<i>Total, Groups A plus B</i>	10,181	11,385	10,767	12,025	8,157	6,714	6,154	4,824
<b>C. Financial Account (1)</b>	- 11,373	- 12,131	- 15,150	- 2,228	- 6,910	- 4,629	- 1,397	- 8,190
Direct investment abroad	- 4,121	- 6,951	- 5,243	- 2,055	- 1,967	- 2,611	- 2,640	- 2,983
Direct investment in Taiwan, R.O.C.	961	1,604	1,330	1,271	879	917	1,375	1,559
Portfolio investment assets	- 1,171	- 967	- 937	- 741	- 705	- 1,332	- 1,997	- 2,236
Equity securities	- 880	- 387	- 380	- 513	- 774	- 1,069	- 1,608	- 2,121
Debt securities	- 291	- 580	- 557	- 228	- 69	- 263	- 389	- 115

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

Source: The Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan District, R.O.C.*, May 2004.

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

Unit: US\$ million

Item	1988	1989	1990	1991	1992	1993	1994	1995
Portfolio investment liabilities	- 541	65	- 69	786	1,149	2,399	2,902	2,729
Equity securities	- 537	- 31	- 65	548	815	2,181	1,545	2,073
Debt securities	- 4	96	- 4	238	334	218	1,357	656
Other investment assets	- 4,932	- 7,264	- 15,564	- 4,615	- 7,059	- 7,248	- 7,512	- 8,064
Monetary authorities	...	...	...	...	...	...	...	...
General government	- 5	...	- 2	- 30	- 33	- 1	- 25	- 44
Banks	- 2,220	- 2,474	- 5,235	895	1,808	- 1,109	- 3,007	- 1,689
Other sectors	- 2,707	- 4,790	- 10,327	- 5,480	- 8,834	- 6,138	- 4,480	- 6,331
Other investment liabilities	- 1,569	1,382	5,333	3,126	793	3,246	6,475	805
Monetary authorities	...	...	...	...	...	...	...	...
General government	- 39	- 32	4	- 39	- 20	- 23	- 16	- 15
Banks	- 1,431	- 927	1,017	1,837	110	1,309	3,741	20
Other sectors	- 99	2,341	4,312	1,328	923	1,960	2,750	840
<i>Total, Groups A through C</i>	- 1,192	- 746	- 4,383	9,797	1,247	2,085	4,757	- 3,366
<b>D. Net Errors and Omissions</b>	- 200	- 34	465	- 138	120	- 544	- 135	- 565
<i>Total, Groups A through D</i>	- 1,392	- 780	- 3,918	9,659	1,367	1,541	4,622	- 3,931
<b>E. Reserves and Related Items</b>	1,392	780	3,918	- 9,659	- 1,367	- 1,541	- 4,622	3,931
Reserve assets	1,392	780	3,918	- 9,659	- 1,367	- 1,541	- 4,622	3,931
Use of fund credit and loans	...	...	...	...	...	...	...	...
Exceptional financing	...	...	...	...	...	...	...	...

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

Unit: US\$ million

Item	1996	1997	1998	1999	2000	2001	2002	2003
<b>A. Current Account</b>	10,923	7,051	3,437	7,992	8,851	17,891	25,630	29,202
Goods: exports f.o.b.	115,462	121,725	110,178	121,119	147,548	122,079	129,850	143,447
Goods: imports f.o.b.	- 97,919	- 107,843	- 99,862	- 106,414	- 133,924	- 102,215	- 105,657	- 118,548
<i>Balance on Goods</i>	17,543	13,882	10,316	14,705	13,624	19,864	24,193	24,899
Services: credit	16,260	17,144	16,768	17,161	20,010	19,547	21,635	23,102
Services: debit	- 24,381	- 24,888	- 24,169	- 24,362	- 26,647	- 24,465	- 24,719	- 25,635
<i>Balance on Goods and Services</i>	9,422	6,138	2,915	7,504	6,987	14,946	21,109	22,366
Income: credit	6,653	6,919	6,481	6,965	9,166	9,327	10,334	12,991
Income: debit	- 2,665	- 3,797	- 4,432	- 4,160	- 4,698	- 3,648	- 3,321	- 3,436
<i>Balance on Goods, Services, and Income</i>	13,410	9,260	4,964	10,309	11,455	20,625	28,122	31,921
Current transfers: credit	2,498	2,898	2,943	3,126	3,202	2,607	2,621	2,673
Current transfers: debit	- 4,985	- 5,107	- 4,470	- 5,443	- 5,806	- 5,341	- 5,113	- 5,392
<b>B. Capital Account</b>	- 653	- 314	- 181	- 173	- 287	- 163	- 139	- 87
Capital account: credit	...	...	...	...	...	...	1	1
Capital account: debit	- 653	- 314	- 181	- 173	- 287	- 163	- 140	- 88
<i>Total, Groups A plus B</i>	10,270	6,737	3,256	7,819	8,564	17,728	25,491	29,115
<b>C. Financial Account</b>	- 8,633	- 7,291	- 2,495	- 9,220	- 8,019	- 384	- 8,750	- 6,740
Direct investment abroad	- 3,843	- 5,243	- 3,836	- 4,420	- 6,701	- 5,480	- 4,886	- 5,679
Direct investment in Taiwan, R.O.C.	1,864	2,248	222	2,926	4,928	4,109	1,445	453
Portfolio investment assets	- 4,301	- 6,749	- 4,220	- 4,835	- 10,087	- 12,427	- 15,711	- 35,620
Equity securities	- 3,239	- 4,628	- 3,893	- 5,058	- 9,265	- 9,358	- 10,949	- 21,121
Debt securities	- 1,062	- 2,121	- 327	- 223	- 822	- 3,069	- 4,762	- 14,499

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

Unit: US\$ million

Item	1996	1997	1998	1999	2000	2001	2002	2003
Portfolio investment liabilities	3,256	- 1,204	1,808	13,914	9,559	11,136	6,644	29,693
Equity securities	2,185	- 2,232	1,553	14,765	8,489	11,298	3,636	25,197
Debt securities	1,071	1,028	255	- 851	1,070	- 162	3,008	4,496
Other investment assets	- 11,695	- 1,291	3,494	2,334	- 8,368	- 1,770	11,990	2,455
Monetary authorities	...	...	...	...	...	...	...	...
General government	- 40	- 21	- 10	- 11	- 13	8	2	33
Banks	- 5,127	- 1,637	- 1,443	- 923	- 10,105	- 7,341	3,022	- 4,010
Other sectors	- 6,528	367	4,947	3,268	1,750	5,563	8,966	6,432
Other investment liabilities	6,086	4,948	5,027	- 699	2,650	4,048	9,268	15,438
Monetary authorities	...	...	...	...	...	...	...	...
General government	- 107	- 21	- 14	- 7	- 7	- 4	- 5	- 8
Banks	2,019	2,541	1,404	- 4,645	- 1,705	636	4,677	12,499
Other sectors	4,174	2,428	3,637	3,953	4,362	3,416	4,596	2,947
<i>Total, Groups A through C</i>	1,637	- 554	5,751	17,039	545	17,344	34,241	35,855
<b>D. Net Errors and Omissions</b>	- 535	- 174	- 924	1,554	1,932	9	- 577	1,237
<i>Total, Groups A through D</i>	1,102	- 728	4,827	18,593	2,477	17,353	33,664	37,092
<b>E. Reserves and Related Items</b>	- 1,102	728	- 4,827	- 18,593	- 2,477	- 17,353	- 33,664	- 37,092
Reserve assets	- 1,102	728	- 4,827	- 18,593	- 2,477	- 17,353	- 33,664	- 37,092
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, Taiwan Area, R.O.C.*, February 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)								
1972	-	-	-	-	-	-	-	-
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: 2001 = 100)								
1989	42.24	38.29	63.78	52.76	66.23	72.58	91.25	58.20
1990	43.57	40.66	65.16	54.78	66.87	74.23	90.08	58.70
1991	49.32	46.71	72.40	61.83	68.12	75.55	90.17	65.28
1992	49.49	50.20	76.17	69.45	64.97	72.28	89.89	68.47
1993	54.11	56.22	79.27	72.79	68.26	77.24	88.37	70.05
1994	59.36	62.49	83.95	73.76	70.71	84.72	83.46	70.07
1995	71.28	75.78	88.00	80.66	81.00	93.95	86.22	75.87
1996	76.77	77.78	92.68	81.74	82.83	95.16	87.04	80.67
1997	84.14	90.51	100.02	95.34	84.12	94.93	88.61	88.63
1998	89.26	96.80	101.29	99.04	88.12	97.74	90.16	91.32
1999	94.68	98.81	106.45	102.08	88.94	96.80	91.88	97.81
2000	111.57	120.70	117.11	112.52	95.27	107.27	88.81	104.01
2001	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2002	108.94	107.58	108.96	107.86	99.98	99.74	100.24	109.22
2003	119.69	121.12	112.92	114.88	106.00	105.43	100.54	113.53

Source: Ministry of Finance, R.O.C., *Monthly Statistics of Exports and Imports, Taiwan Area, R.O.C.*, February 2004.

## 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 (%)								
1989	-	-	-	-	-	-	-	-
1990	3.15	6.19	2.16	3.83	0.97	2.27	-1.28	0.86
1991	13.20	14.88	11.11	12.87	1.87	1.78	0.10	11.21
1992	0.34	7.47	5.21	12.32	-4.62	-4.33	-0.31	4.89
1993	9.34	11.99	4.07	4.81	5.06	6.86	-1.69	2.31
1994	9.70	11.15	5.90	1.33	3.59	9.68	-5.56	0.03
1995	20.08	21.27	4.82	9.35	14.55	10.89	3.31	8.28
1996	7.70	2.64	5.32	1.34	2.26	1.29	0.95	6.33
1997	9.60	16.37	7.92	16.64	1.56	-0.24	1.80	9.87
1998	6.09	6.95	1.27	3.88	4.76	2.96	1.75	3.04
1999	6.07	2.08	5.09	3.07	0.93	-0.96	1.91	7.11
2000	17.84	22.15	10.01	10.23	7.12	10.82	-3.34	6.34
2001	-10.37	-17.15	-14.61	-11.13	4.96	-6.78	12.60	-3.86
2002	8.94	7.58	8.96	7.86	-0.02	-0.26	0.24	9.22
2003	9.87	12.59	3.63	6.51	6.02	5.70	0.30	3.95

## 11-3. Export and Import Foreign Exchange Proceeds &amp; 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
1988	51,764	10,041	61,805	38,107	5,678	43,785
1989	53,615	13,860	67,475	41,389	9,191	50,580
1990	49,483	18,960	68,443	44,450	12,805	57,255
1991	54,451	24,082	78,533	46,412	14,860	61,272
1992	55,910	28,768	84,678	54,619	17,304	71,923
1993	50,376	37,617	87,993	51,482	22,621	74,103
1994	50,781	49,301	100,082	52,464	31,181	83,645
1995	54,808	65,125	119,933	59,634	45,031	104,665
1996	49,747	73,762	123,509	54,628	51,279	105,907
1997	44,773	83,380	128,153	52,970	60,234	113,204
1998	31,251	91,708	122,959	47,267	65,935	113,202
1999	34,398	103,815	138,213	44,950	74,372	119,322
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

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
1952	4,001	1,468	2,533	- 1,065	303	116	187	- 71
1955	5,063	1,917	3,146	- 1,229	324	123	201	- 78
1960	16,763	5,966	10,797	- 4,831	461	164	297	- 133
1965	40,283	17,987	22,296	- 4,309	1,006	450	556	- 106
1970	120,367	59,257	61,110	- 1,853	3,005	1,481	1,524	- 43
1975	427,928	201,468	226,460	- 24,992	11,261	5,309	5,952	- 643
1976	599,052	309,913	289,139	+ 20,774	15,765	8,166	7,599	+ 567
1977	679,078	355,239	323,839	+ 31,400	17,872	9,361	8,511	+ 850
1978	876,887	468,509	408,378	+ 60,131	23,714	12,687	11,027	+ 1,660
1979	1,112,227	579,299	532,928	+ 46,371	30,877	16,103	14,774	+ 1,329
1980	1,423,628	712,195	711,433	+ 762	39,544	19,811	19,733	+ 78
1981	1,608,389	829,756	778,633	+ 51,123	43,811	22,611	21,200	+ 1,412
1982	1,600,332	864,248	736,084	+ 128,164	41,092	22,204	18,888	+ 3,316
1983	1,819,326	1,005,422	813,904	+ 191,518	45,410	25,123	20,287	+ 4,836
1984	2,075,558	1,204,697	870,861	+ 333,836	52,415	30,456	21,959	+ 8,497
1985	2,024,866	1,223,019	801,847	+ 421,172	50,828	30,726	20,102	+ 10,624
1986	2,424,077	1,507,044	917,033	+ 590,011	64,043	39,862	24,181	+ 15,680
1987	2,821,479	1,707,608	1,113,871	+ 593,737	88,662	53,679	34,983	+ 18,695
1988	3,154,905	1,731,804	1,423,101	+ 308,702	110,340	60,667	49,673	+ 10,995
1989	3,133,520	1,747,800	1,385,720	+ 362,080	118,569	66,304	52,265	+ 14,039
1990	3,274,586	1,802,783	1,471,803	+ 330,980	121,930	67,214	54,716	+ 12,498
1991	3,731,557	2,040,785	1,690,772	+ 350,013	139,039	76,178	62,861	+ 13,318
1992	3,865,024	2,047,963	1,817,061	+ 230,902	153,477	81,470	72,007	+ 9,463
1993	4,273,778	2,239,032	2,034,746	+ 204,286	162,152	85,091	77,061	+ 8,030
1994	4,717,662	2,456,011	2,261,651	+ 194,360	178,398	93,049	85,349	+ 7,700
1995	5,692,429	2,949,578	2,742,851	+ 206,727	215,209	111,659	103,550	+ 8,109
1996	5,991,745	3,176,625	2,815,120	+ 361,505	218,312	115,942	102,370	+ 13,572
1997	6,757,779	3,481,685	3,276,094	+ 205,591	236,506	122,081	114,425	+ 7,656
1998	7,196,838	3,693,269	3,503,569	+ 189,700	215,247	110,582	104,665	+ 5,917
1999	7,493,861	3,917,445	3,576,416	+ 341,029	232,281	121,591	110,690	+ 10,901
2000	8,984,997	4,616,301	4,368,696	+ 247,605	288,332	148,321	140,011	+ 8,310
2001	7,757,174	4,137,744	3,619,430	+ 518,314	230,103	122,866	107,237	+ 15,629
2002	8,401,188	4,507,506	3,893,682	+ 613,824	243,127	130,597	112,530	+ 18,067
2003	9,336,199	4,952,475	4,383,724	+ 568,751	271,429	144,180	127,249	+ 16,931

(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
1952	500	183	317	38	15	23
1955	571	216	355	37	14	23
1960	1,580	562	1,018	43	15	28
1965	3,241	1,447	1,794	81	36	45
1970	8,301	4,087	4,214	207	102	105
1975	26,761	12,599	14,162	704	332	372
1976	36,767	19,021	17,746	968	501	467
1977	40,773	21,329	19,444	1,073	562	511
1978	51,734	27,641	24,093	1,399	748	651
1979	64,357	33,520	30,837	1,787	932	855
1980	80,695	40,369	40,326	2,242	1,123	1,119
1981	89,504	46,174	43,330	2,438	1,258	1,180
1982	87,464	47,234	40,230	2,246	1,214	1,032
1983	97,834	54,066	43,768	2,442	1,351	1,091
1984	109,975	63,832	46,143	2,777	1,614	1,163
1985	105,814	63,912	41,902	2,656	1,606	1,050
1986	125,230	77,855	47,375	3,308	2,059	1,249
1987	144,218	87,283	56,935	4,532	2,744	1,788
1988	159,427	87,513	71,914	5,576	3,066	2,510
1989	156,629	87,364	69,265	5,927	3,314	2,613
1990	161,867	89,114	72,753	6,027	3,322	2,705
1991	182,436	99,774	82,662	6,798	3,725	3,073
1992	187,126	99,153	87,973	7,431	3,944	3,486
1993	204,995	107,397	97,598	7,777	4,081	3,696
1994	224,278	116,759	107,519	8,481	4,424	4,057
1995	268,321	139,033	129,288	10,144	5,263	4,881
1996	280,152	148,527	131,625	10,207	5,421	4,786
1997	313,188	161,358	151,830	10,961	5,658	5,303
1998	330,479	169,595	160,884	9,884	5,078	4,806
1999	341,367	178,451	162,916	10,581	5,539	5,042
2000	406,102	208,646	197,455	13,032	6,704	6,328
2001	348,199	185,732	162,467	10,329	5,515	4,814
2002	375,111	201,259	173,852	10,855	5,831	5,024
2003	415,053	220,169	194,884	12,067	6,410	5,657

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 Technology Intensity		
		High	Mid	Low	High	Mid	Low	High	Mid	Low
1982	100.0	47.2	30.8	21.9	26.9	45.4	27.6	18.3	32.6	49.1
1983	100.0	46.6	34.3	19.0	24.5	46.6	28.9	18.2	33.4	48.4
1984	100.0	47.0	35.4	17.5	23.0	48.7	28.3	18.3	34.0	47.7
1985	100.0	45.9	35.6	18.5	24.5	48.7	26.8	18.8	33.6	47.6
1986	100.0	47.0	36.9	16.0	22.9	49.4	27.7	18.4	33.7	47.9
1987	100.0	47.9	37.2	14.9	22.4	50.5	27.1	19.4	35.2	45.4
1988	100.0	46.3	36.8	16.9	23.5	51.5	25.0	22.6	36.9	40.6
1989	100.0	43.4	37.8	18.8	26.6	50.7	22.7	24.2	38.1	37.7
1990	100.0	41.0	38.3	20.7	28.9	50.5	20.5	26.7	38.6	34.7
1991	100.0	40.1	38.8	21.2	29.8	51.0	19.2	27.2	38.5	34.3
1992	100.0	39.2	40.3	20.5	29.3	53.0	17.7	29.5	38.5	32.0
1993	100.0	38.9	41.2	19.9	28.9	54.8	16.3	31.4	40.3	28.3
1994	100.0	38.7	39.8	21.5	31.0	55.0	14.0	32.5	42.0	25.6
1995	100.0	36.4	40.6	23.0	31.9	56.5	11.6	36.5	41.4	22.0
1996	100.0	33.9	43.6	22.5	31.8	57.4	10.8	39.7	38.9	21.4
1997	100.0	34.9	43.1	22.1	30.3	60.6	9.1	39.7	41.1	19.2
1998	100.0	34.3	44.4	21.3	29.3	62.3	8.4	41.1	40.5	18.4
1999	100.0	35.4	43.7	20.9	28.4	63.8	7.9	42.1	41.0	16.9
2000	100.0	37.6	41.2	21.2	28.1	64.4	7.5	42.5	43.2	14.3
2001	100.0	33.3	43.1	23.6	30.9	60.7	8.4	46.4	38.8	14.9
2002	100.0	34.8	40.4	24.8	31.9	58.4	9.7	46.6	40.1	13.3
2003	100.0	36.5	36.9	26.6	33.4	57.0	9.6	46.0	41.8	12.2

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 Technology Intensity		
		High	Mid	Low	High	Mid	Low	High	Mid	Low
1982	100.0	31.0	14.8	54.2	55.4	27.0	17.6	61.5	17.3	21.2
1983	100.0	31.0	14.9	54.1	55.8	27.5	16.7	60.7	18.6	20.7
1984	100.0	32.7	17.0	50.3	52.1	30.9	16.9	57.5	21.1	21.4
1985	100.0	31.7	17.6	50.8	53.0	29.1	17.9	58.1	20.2	21.7
1986	100.0	34.5	19.2	46.3	48.6	34.9	16.5	55.5	24.0	20.5
1987	100.0	33.8	22.7	43.5	45.6	39.2	15.2	55.9	25.7	18.4
1988	100.0	30.5	29.0	40.5	42.7	43.6	13.7	60.5	23.2	16.3
1989	100.0	32.8	23.6	43.6	46.6	39.9	13.5	57.7	25.4	16.9
1990	100.0	33.2	23.3	43.6	46.4	39.8	13.8	57.5	25.8	16.6
1991	100.0	34.1	21.5	44.4	47.3	40.0	12.7	57.3	26.5	16.2
1992	100.0	34.0	23.1	42.9	46.1	41.6	12.3	56.5	27.4	16.1
1993	100.0	35.5	21.8	42.7	46.3	41.9	11.9	51.2	32.8	16.0
1994	100.0	37.3	21.4	41.3	45.0	42.9	12.1	50.0	33.9	16.1
1995	100.0	37.3	21.4	41.3	44.5	44.0	11.5	50.6	34.9	14.5
1996	100.0	37.9	21.5	40.6	43.4	44.1	12.4	50.9	34.0	15.1
1997	100.0	39.5	21.1	39.4	42.6	45.2	12.2	49.9	36.6	13.5
1998	100.0	38.9	23.9	37.3	40.5	47.3	12.2	51.5	35.8	12.7
1999	100.0	39.3	26.5	34.3	37.6	50.4	12.0	50.0	37.8	12.2
2000	100.0	40.9	24.7	34.4	37.7	50.4	11.9	48.3	41.5	10.2
2001	100.0	34.5	25.9	39.5	43.2	43.6	13.2	50.6	36.3	13.1
2002	100.0	33.9	25.5	40.6	44.0	43.7	12.2	51.3	36.1	12.7
2003	100.0	34.2	22.6	43.2	46.6	41.5	11.9	49.1	38.6	12.2

## 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
1952	116.5	25.7	81.3	9.5	100.0	22.1	69.8	8.1
1955	123.3	34.7	75.8	12.8	100.0	28.1	61.5	10.4
1960	164.0	19.7	91.3	53.0	100.0	12.0	55.7	32.3
1965	449.7	106.2	136.6	206.9	100.0	23.6	30.4	46.0
1970	1,481.4	126.7	190.0	1,164.7	100.0	8.6	12.8	78.6
1975	5,308.8	295.7	572.5	4,440.6	100.0	5.6	10.8	83.6
1976	8,166.3	406.1	606.1	7,154.1	100.0	5.0	7.4	87.6
1977	9,360.7	502.3	669.6	8,188.8	100.0	5.4	7.1	87.5
1978	12,687.1	637.5	740.1	11,309.5	100.0	5.0	5.8	89.2
1979	16,103.4	703.0	819.6	14,580.8	100.0	4.4	5.1	90.5
1980	19,810.6	712.2	1,108.7	17,989.7	100.0	3.6	5.6	90.8
1981	22,611.2	580.2	1,042.0	20,989.0	100.0	2.6	4.6	92.8
1982	22,204.3	451.8	1,133.2	20,619.3	100.0	2.0	5.1	92.9
1983	25,122.7	485.3	1,215.4	23,422.0	100.0	1.9	4.8	93.3
1984	30,456.4	507.3	1,324.3	28,624.8	100.0	1.7	4.3	94.0
1985	30,725.7	491.9	1,386.7	28,847.1	100.0	1.6	4.5	93.9
1986	39,861.5	626.8	1,950.6	37,284.1	100.0	1.6	4.9	93.5
1987	53,678.7	689.6	2,559.1	50,430.0	100.0	1.3	4.8	93.9
1988	60,667.4	823.5	2,496.8	57,347.1	100.0	1.4	4.1	94.5
1989	66,304.0	477.8	2,579.3	63,246.9	100.0	0.7	3.9	95.4
1990	67,214.4	431.4	2,578.7	64,204.2	100.0	0.7	3.8	95.5
1991	76,178.3	524.5	3,045.5	72,608.3	100.0	0.7	4.0	95.3
1992	81,470.3	508.5	2,975.0	77,986.8	100.0	0.6	3.7	95.7
1993	85,091.5	471.1	3,013.2	81,606.8	100.0	0.6	3.5	95.9
1994	93,048.8	460.0	3,348.3	89,240.5	100.0	0.5	3.6	95.9
1995	111,658.8	481.7	3,802.0	107,375.2	100.0	0.4	3.4	96.2
1996	115,942.1	465.2	3,618.5	111,858.2	100.0	0.4	3.1	96.5
1997	122,080.7	382.2	2,169.3	119,529.2	100.0	0.3	1.8	97.9
1998	110,582.3	324.1	1,631.8	108,626.5	100.0	0.3	1.5	98.2
1999	121,590.9	381.1	1,572.2	119,637.7	100.0	0.3	1.3	98.4
2000	148,320.6	357.7	1,747.8	146,215.1	100.0	0.2	1.2	98.6
2001	122,866.3	297.3	1,662.9	120,906.1	100.0	0.2	1.4	98.4
2002	130,596.8	352.0	1,696.6	128,548.1	100.0	0.3	1.3	98.4
2003	144,179.5	381.6	1,766.0	142,031.9	100.0	0.3	1.2	98.5

Source: See Table 11-2c.

## 11-8. Composition of Imports

Period	Value (US\$ million)				Percentage Distribution (%)			
	Total	Capital Goods	Agricultural & Industrial Raw Materials	Consumption Goods	Total	Capital Goods	Agricultural & Industrial Raw Materials	Consumption Goods
1952	187.2	26.6	123.3	37.3	100.0	14.2	65.9	19.9
1955	201.0	33.2	150.2	17.6	100.0	16.5	74.7	8.8
1960	296.8	82.7	189.9	24.2	100.0	27.9	64.0	8.1
1965	556.0	163.1	364.4	28.5	100.0	29.3	65.6	5.1
1970	1,524.0	492.5	957.6	73.9	100.0	32.3	62.8	4.9
1975	5,951.7	1,823.6	3,726.6	401.5	100.0	30.6	62.6	6.8
1976	7,598.9	2,209.0	4,920.4	469.5	100.0	29.1	64.7	6.2
1977	8,510.9	2,198.8	5,648.3	663.8	100.0	25.8	66.4	7.8
1978	11,026.9	2,724.5	7,551.1	751.3	100.0	24.7	68.5	6.8
1979	14,773.7	3,629.5	10,196.9	947.3	100.0	24.6	69.0	6.4
1980	19,733.1	4,623.0	13,967.9	1,142.2	100.0	23.4	70.8	5.8
1981	21,199.6	3,441.3	16,308.4	1,449.9	100.0	16.2	76.9	6.9
1982	18,888.4	3,083.1	14,251.6	1,553.7	100.0	16.3	75.5	8.2
1983	20,287.1	2,820.5	15,885.0	1,581.6	100.0	13.9	78.3	7.8
1984	21,959.1	2,990.9	17,270.0	1,698.2	100.0	13.6	78.6	7.8
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	18,270.1	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	54,716.0	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	16.7	72.4	10.9
1992	72,006.8	12,868.0	49,867.5	9,271.4	100.0	17.9	69.3	12.8
1993	77,061.2	13,005.5	54,143.0	9,912.5	100.0	16.8	70.2	12.8
1994	85,349.2	13,611.0	60,300.6	11,437.5	100.0	15.9	70.7	13.4
1995	103,550.0	16,872.0	74,560.5	12,117.5	100.0	16.3	72.0	11.7
1996	102,370.0	18,355.2	70,636.3	13,378.6	100.0	17.9	69.0	13.1
1997	114,424.7	21,734.8	77,131.5	15,558.3	100.0	19.0	67.4	13.6
1998	104,665.3	24,301.0	66,772.5	13,591.9	100.0	23.2	63.8	13.0
1999	110,689.9	29,239.2	70,978.1	10,472.8	100.0	26.4	64.1	9.5
2000	140,010.6	39,256.2	89,778.1	10,976.3	100.0	28.0	64.1	7.8
2001	107,237.4	26,860.4	70,482.6	9,894.3	100.0	25.0	65.7	9.2
2002	112,530.1	25,921.5	76,173.7	10,434.9	100.0	23.0	67.7	9.3
2003	127,248.6	26,032.6	89,670.0	11,545.9	100.0	20.5	70.5	9.1

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\$ 1,000)												
1952	116,474	187,215	- 70,741	4,065	85,566	- 81,501	8,980	16,797	- 7,817	61,230	58,407	+ 2,823
1955	123,275	201,022	- 77,747	5,400	95,543	- 90,143	6,779	3,045	+ 3,734	73,322	61,235	+ 12,087
1960	163,982	296,780	- 132,798	18,853	113,108	- 94,255	20,658	4,726	+ 15,932	61,766	104,855	- 43,089
1965	449,682	556,011	- 106,329	95,680	176,372	- 80,692	27,904	5,766	+ 22,138	137,599	221,319	- 83,720
1970	1,481,436	1,523,951	- 42,515	564,174	363,839	+ 200,335	135,877	27,262	+ 108,615	215,625	652,783	- 437,158
1975	5,308,771	5,951,650	- 642,879	1,822,737	1,652,129	+ 170,608	363,020	74,795	+ 288,225	694,234	1,812,220	- 1,117,986
1976	8,166,340	7,598,931	+ 567,409	3,038,699	1,797,540	+ 1,241,159	610,369	101,409	+ 508,960	1,094,754	2,451,499	- 1,356,745
1977	9,360,710	8,510,887	+ 849,823	3,636,250	1,963,852	+ 1,672,398	638,439	200,303	+ 438,136	1,120,070	2,642,984	- 1,522,914
1978	12,687,140	11,026,931	+ 1,660,209	5,010,378	2,376,063	+ 2,634,315	857,705	152,708	+ 704,997	1,570,253	3,678,051	- 2,107,798
1979	16,103,426	14,773,700	+ 1,329,726	5,652,243	3,380,797	+ 2,271,446	1,140,352	205,361	+ 934,991	2,248,576	4,561,431	- 2,312,855
1980	19,810,618	19,733,135	+ 77,483	6,760,300	4,673,486	+ 2,086,814	1,550,610	249,921	+ 1,300,689	2,173,440	5,353,230	- 3,179,790
1981	22,611,197	21,199,551	+ 1,411,646	8,163,099	4,765,763	+ 3,397,336	1,896,959	308,912	+ 1,588,047	2,478,738	5,928,525	- 3,449,787
1982	22,204,270	18,888,375	+ 3,315,895	8,758,918	4,563,266	+ 4,195,652	1,565,348	307,398	+ 1,257,950	2,382,307	4,780,222	- 2,397,915
1983	25,122,747	20,287,078	+ 4,835,669	11,333,713	4,646,433	+ 6,687,280	1,643,628	298,892	+ 1,344,736	2,477,068	5,586,683	- 3,109,615
1984	30,456,390	21,959,086	+ 8,497,304	14,867,717	5,041,650	+ 9,826,067	2,087,134	370,361	+ 1,716,773	3,186,462	6,441,861	- 3,255,399
1985	30,725,662	20,102,049	+ 10,623,613	14,773,373	4,746,273	+ 10,027,100	2,539,718	319,677	+ 2,220,041	3,460,945	5,548,847	- 2,087,902
1986	39,861,504	24,181,460	+ 15,680,044	19,013,878	5,432,594	+ 13,581,284	2,921,305	378,655	+ 2,542,650	4,559,809	8,254,741	- 3,694,932
1987	53,678,748	34,983,380	+ 18,695,368	23,684,790	7,647,962	+ 16,036,828	4,123,315	753,785	+ 3,369,530	6,986,014	11,840,566	- 4,854,552
1988	60,667,362	49,672,800	+ 10,994,562	23,467,169	13,006,725	+ 10,460,444	5,587,070	1,922,086	+ 3,664,984	8,771,697	14,825,440	- 6,053,743
1989	66,303,952	52,265,326	+ 14,038,626	24,036,214	12,002,788	+ 12,033,426	7,042,278	2,205,206	+ 4,837,072	9,064,862	16,031,015	- 6,966,153
1990	67,214,446	54,716,004	+ 12,498,442	21,745,853	12,611,827	+ 9,134,026	8,556,243	1,445,867	+ 7,110,376	8,337,715	15,998,428	- 7,660,713
1991	76,178,309	62,860,545	+ 13,317,764	22,320,844	14,113,788	+ 8,207,056	12,430,520	1,946,753	+ 10,483,767	9,188,897	18,858,256	- 9,669,359
1992	81,470,250	72,006,794	+ 9,463,456	23,571,604	15,771,032	+ 7,800,572	15,414,978	1,781,388	+ 13,633,590	8,893,655	21,766,639	- 12,872,984
1993	85,091,458	77,061,203	+ 8,030,255	23,587,325	16,722,624	+ 6,864,701	18,452,603	1,728,757	+ 16,723,846	8,977,167	23,186,059	- 14,208,892
1994	93,048,783	85,349,194	+ 7,699,589	24,336,757	18,042,642	+ 6,294,115	21,262,326	1,532,958	+ 19,729,368	10,221,109	24,785,822	- 14,564,713
1995	111,658,800	103,550,044	+ 8,108,756	26,407,389	20,771,393	+ 5,635,996	26,105,855	1,842,873	+ 24,262,982	13,156,727	30,265,880	- 17,109,153
1996	115,942,064	102,370,021	+ 13,572,043	26,866,357	19,971,851	+ 6,894,506	26,787,641	1,704,663	+ 25,082,978	13,658,783	27,492,964	- 13,834,181
1997	122,080,673	114,424,665	+ 7,656,008	29,551,755	23,233,847	+ 6,317,908	28,688,053	1,996,134	+ 26,691,919	11,691,036	29,021,671	- 17,330,635
1998	110,582,293	104,665,312	+ 5,916,981	29,376,361	19,678,880	+ 9,697,481	24,819,665	1,952,346	+ 22,867,319	9,324,024	27,000,942	- 17,676,918
1999	121,590,945	110,689,863	+ 10,901,082	30,901,521	19,693,076	+ 11,208,445	26,012,064	2,092,876	+ 23,919,188	11,900,347	30,591,002	- 18,690,655
2000	148,320,561	140,010,636	+ 8,309,925	34,814,671	25,126,194	+ 9,688,477	31,336,257	2,186,634	+ 29,149,623	16,599,441	38,557,916	- 21,958,475
2001	122,866,261	107,237,394	+ 15,628,867	27,654,490	18,229,222	+ 9,425,268	26,961,420	1,848,884	+ 25,112,536	12,759,023	25,848,396	- 13,089,373
2002	130,596,781	112,530,093	+ 18,066,688	26,763,701	18,094,344	+ 8,669,357	30,845,335	1,738,587	+ 29,106,748	11,983,829	27,277,300	- 15,293,471
2003	144,179,522	127,248,508	+ 16,931,014	25,941,543	16,820,073	+ 9,121,470	28,353,615	1,725,224	+ 26,628,391	11,912,505	32,635,401	- 20,722,896

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\$ 1,000)																
1952	11,262	1,251	+	10,011	249	2,451	-	2,202	3,156	271	+	2,885	361	2,418	-	2,057
1955	6,845	3,114	+	3,731	1,156	4,934	-	3,778	4,473	249	+	4,224	1,091	1,097	-	6
1960	3,724	1,206	+	2,518	3,276	11,332	-	8,056	3,992	2,183	+	1,809	1,336	4,283	-	2,947
1965	9,239	2,681	+	6,558	29,524	17,091	+	12,433	16,486	5,241	+	11,245	6,040	3,996	+	2,044
1970	35,930	5,312	+	30,618	71,008	61,899	+	9,109	25,185	40,935	-	15,750	30,677	10,144	+	20,533
1975	140,703	35,773	+	104,930	316,259	371,474	-	55,215	67,836	69,934	-	2,098	136,278	52,824	+	83,454
1976	213,589	38,274	+	175,315	422,086	352,214	+	69,872	80,022	92,300	-	12,278	162,530	56,293	+	106,237
1977	232,791	91,095	+	141,696	418,208	276,918	+	141,290	100,237	98,028	+	2,209	172,764	61,701	+	111,063
1978	296,059	82,549	+	213,510	572,468	411,891	+	160,577	167,844	61,127	+	106,717	234,048	97,377	+	136,671
1979	422,318	124,233	+	298,085	742,603	635,548	+	107,055	185,733	73,681	+	112,052	340,376	112,806	+	227,570
1980	545,173	221,722	+	323,451	1,075,864	722,267	+	353,597	176,277	89,921	+	86,356	446,580	149,115	+	297,465
1981	603,976	199,371	+	404,605	906,261	646,431	+	259,830	195,273	117,460	+	77,813	386,828	132,056	+	254,772
1982	576,170	152,146	+	424,024	788,201	788,306	-	105	215,913	107,057	+	108,856	327,584	157,770	+	169,814
1983	710,581	167,225	+	543,356	850,927	691,725	+	159,202	263,829	74,460	+	189,369	379,729	217,082	+	162,647
1984	878,443	267,998	+	610,445	868,080	768,038	+	100,042	244,848	139,985	+	104,863	435,188	248,755	+	186,433
1985	885,175	275,883	+	609,292	805,421	846,180	-	40,759	236,213	146,917	+	89,296	457,791	221,310	+	236,481
1986	930,946	339,864	+	591,082	1,275,171	1,137,286	+	137,885	278,600	162,895	+	115,705	673,869	323,558	+	350,311
1987	1,350,456	522,145	+	828,311	1,987,681	1,633,504	+	354,177	424,614	200,413	+	224,201	1,088,709	455,929	+	632,780
1988	1,682,691	740,057	+	942,634	2,340,073	2,133,188	+	206,885	753,672	341,901	+	411,771	1,508,412	898,077	+	610,335
1989	1,975,647	889,404	+	1,086,243	2,564,431	2,593,994	-	29,563	1,110,156	390,169	+	719,987	1,582,011	663,343	+	918,668
1990	2,203,661	1,406,040	+	797,621	3,183,246	2,667,621	+	515,625	1,423,637	447,961	+	975,676	1,856,238	728,592	+	1,127,646
1991	2,403,482	1,445,867	+	957,615	3,868,708	3,013,232	+	855,476	1,444,860	586,133	+	858,727	2,170,853	803,304	+	1,367,549
1992	2,505,166	1,694,883	+	810,283	3,599,103	3,919,339	-	320,236	1,809,558	824,579	+	984,979	2,194,712	872,184	+	1,322,528
1993	2,890,381	1,865,877	+	1,024,504	3,504,002	4,220,329	-	716,327	2,018,957	973,005	+	1,045,952	2,116,369	1,002,333	+	1,114,036
1994	3,365,837	2,412,279	+	953,558	3,251,303	4,784,285	-	1,532,982	2,440,238	1,108,777	+	1,331,461	2,374,835	1,145,958	+	1,228,877
1995	4,404,987	2,957,975	+	1,447,012	3,839,174	5,683,348	-	1,844,174	3,071,726	1,485,292	+	1,586,434	3,209,459	1,320,059	+	1,889,400
1996	4,573,182	2,789,115	+	1,784,067	3,644,109	5,023,379	-	1,379,270	2,789,603	1,671,718	+	1,117,885	3,823,041	1,470,630	+	2,352,411
1997	4,894,589	3,150,380	+	1,744,209	3,690,558	5,369,228	-	1,678,670	2,562,108	1,926,910	+	635,198	4,297,960	1,638,284	+	2,659,676
1998	3,255,641	2,696,912	+	558,729	4,084,468	5,149,043	-	1,064,575	1,925,833	1,967,663	-	41,830	4,368,958	1,565,486	+	2,803,472
1999	3,818,323	3,312,220	+	506,103	4,076,559	5,312,649	-	1,236,090	2,104,469	2,383,367	-	278,898	4,214,344	1,705,744	+	2,508,600
2000	5,455,757	5,013,824	+	441,933	4,891,367	5,542,179	-	650,812	2,562,283	2,768,012	-	205,729	4,933,849	2,087,354	+	2,846,495
2001	4,051,458	3,367,228	+	684,230	4,480,354	4,245,996	+	234,358	2,125,689	2,181,003	-	55,314	4,229,233	1,524,227	+	2,705,006
2002	4,377,806	3,543,616	+	834,190	3,836,042	4,421,549	-	585,507	2,292,660	2,170,822	+	121,838	3,771,983	1,437,950	+	2,334,033
2003	4,982,680	3,860,888	+	1,121,792	4,207,534	4,964,465	-	756,931	2,565,315	2,364,871	+	200,444	4,126,188	1,294,960	+	2,831,228

(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\$ 1,000)																
1952	-	-	-	4,884	4,296	+	588	3,711	90	+	3,621	202	1,603	-	1,401	
1955	-	-	-	3,667	2,496	+	1,171	3,533	187	+	3,346	102	829	-	727	
1960	4,812	2,761	+	2,051	2,630	4,215	-	1,585	6,123	207	+	5,916	325	3,678	-	3,353
1965	5,536	6,342	-	806	3,456	8,611	-	5,155	6,255	2,024	+	4,231	4,293	12,619	-	8,326
1970	11,999	29,452	-	17,453	14,201	25,950	-	11,749	27,894	15,127	+	12,767	20,427	47,982	-	27,555
1975	43,607	58,304	-	14,697	137,566	127,480	+	10,086	119,543	59,249	+	60,294	125,586	159,508	-	33,922
1976	54,028	105,035	-	51,007	162,867	165,300	-	2,433	73,547	87,306	-	13,759	223,945	182,605	+	41,340
1977	72,624	146,223	-	73,599	271,876	177,542	+	94,334	91,321	102,159	-	10,838	242,839	216,466	+	26,373
1978	87,091	225,949	-	138,858	322,608	243,819	+	78,789	141,533	145,726	-	4,193	333,898	322,018	+	11,880
1979	130,298	329,003	-	198,705	406,014	296,102	+	109,912	171,191	177,479	-	6,288	419,247	454,039	-	34,792
1980	169,931	424,848	-	254,917	471,612	288,687	+	182,925	266,504	208,509	+	57,995	539,361	512,265	+	27,096
1981	187,495	452,541	-	265,046	566,132	302,070	+	264,062	280,388	301,396	-	21,008	676,906	593,082	+	83,824
1982	222,551	469,639	-	247,088	527,797	270,321	+	257,476	194,135	232,778	-	38,643	643,554	643,540	+	14
1983	223,698	493,743	-	270,045	617,125	307,565	+	309,560	222,637	165,093	+	57,544	634,368	682,372	-	48,004
1984	232,035	550,816	-	318,781	690,661	294,375	+	396,286	230,467	243,915	-	13,448	831,629	777,524	+	54,105
1985	194,868	481,466	-	286,598	650,049	262,435	+	387,614	253,822	186,620	+	67,202	747,337	800,647	-	53,310
1986	205,745	500,799	-	295,054	966,293	356,819	+	609,474	351,562	328,698	+	22,864	870,321	883,499	-	13,178
1987	272,137	729,044	-	456,907	1,547,779	792,130	+	755,649	638,192	532,746	+	105,446	1,103,020	999,923	+	103,097
1988	451,054	943,382	-	492,328	1,906,553	1,113,322	+	793,231	917,301	900,089	+	17,212	1,358,576	1,336,221	+	22,355
1989	694,811	887,489	-	192,678	2,101,815	926,795	+	1,175,020	1,132,751	1,239,071	-	106,320	1,537,674	1,631,033	-	93,359
1990	1,103,562	1,003,003	+	100,529	1,979,352	1,153,672	+	825,680	1,212,816	1,343,646	-	130,830	1,279,237	1,659,679	-	380,442
1991	1,464,854	1,409,367	+	55,487	2,071,791	1,123,803	+	947,988	1,287,320	1,747,031	-	459,711	1,353,625	2,018,071	-	664,446
1992	1,600,272	1,829,182	-	228,910	2,205,064	1,357,667	+	847,397	1,150,428	2,300,890	-	1,150,462	1,428,391	2,055,566	-	627,175
1993	1,671,801	1,938,936	-	267,135	2,171,052	1,192,466	+	978,586	1,273,460	2,537,291	-	1,263,831	1,449,566	2,096,898	-	647,332
1994	2,224,156	2,326,856	-	102,700	2,172,524	1,529,102	+	643,422	1,740,090	3,015,198	-	1,275,108	1,632,446	2,224,988	-	592,542
1995	2,898,592	2,953,718	-	55,126	2,408,718	1,643,210	+	765,508	2,571,771	4,327,379	-	1,755,608	1,755,641	2,575,298	-	819,657
1996	2,953,726	3,565,236	-	611,510	2,807,366	1,805,433	+	1,001,933	2,661,602	4,161,720	-	1,500,118	1,836,932	2,845,058	-	1,008,126
1997	3,035,450	4,228,301	-	1,192,851	3,278,220	1,952,801	+	1,325,419	2,365,903	5,024,480	-	2,658,577	1,872,960	3,217,348	-	1,344,388
1998	2,285,903	3,623,036	-	1,337,133	3,279,786	1,683,594	+	1,596,192	1,485,556	5,669,399	-	4,183,843	1,631,689	2,912,959	-	1,281,270
1999	2,848,133	3,882,023	-	1,033,890	3,830,282	1,720,481	+	2,109,801	2,604,879	7,192,771	-	4,587,892	1,847,382	2,957,093	-	1,109,711
2000	3,611,718	5,325,381	-	1,713,663	4,508,534	1,937,388	+	2,571,146	3,907,752	8,988,136	-	5,080,384	1,827,957	3,501,489	-	1,673,532
2001	3,061,429	4,213,739	-	1,152,310	3,329,299	1,442,762	+	1,886,537	3,275,566	6,705,112	-	3,429,546	1,362,746	3,084,943	-	1,722,197
2002	3,132,573	4,151,949	-	1,019,376	2,908,843	1,356,766	+	1,552,077	3,866,454	7,711,132	-	3,844,678	1,586,627	2,832,557	-	1,245,930
2003	3,046,216	4,748,958	-	1,702,742	2,884,294	1,416,095	+	1,468,199	4,573,615	8,687,856	-	4,114,241	1,884,406	2,726,586	-	842,180

## 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\$ 1,000)												
1952	-	2,251	- 2,251	2,775	55	+ 2,720	76	740	- 664	116	543	- 427
1955	98	2,874	- 2,776	4	2,333	- 2,329	203	1,615	- 1,412	477	740	- 263
1960	1,282	2,089	- 807	-	14	- 14	1,848	3,049	- 1,201	1,109	1,729	- 620
1965	9,116	6,837	+ 2,279	9	182	- 173	6,188	13,217	- 7,029	833	2,153	- 1,320
1970	50,888	17,068	+ 33,820	32,562	11,849	+ 20,713	16,251	20,659	- 4,408	3,138	6,361	- 3,223
1975	181,679	48,091	+ 133,588	177,767	167,665	+ 10,102	82,084	33,296	+ 48,788	37,563	56,453	- 18,890
1976	313,488	56,109	+ 257,379	219,318	201,345	+ 17,973	77,712	31,789	+ 45,923	64,073	59,001	- 5,072
1977	275,925	72,956	+ 202,969	234,372	313,629	- 79,257	95,021	37,365	+ 57,656	90,961	85,832	+ 5,129
1978	326,763	105,909	+ 220,854	304,779	319,730	- 14,951	162,078	51,042	+ 111,036	122,911	98,945	+ 23,966
1979	414,500	131,580	+ 282,920	398,899	452,160	- 53,261	200,903	73,454	+ 127,449	189,646	121,517	+ 68,129
1980	459,734	248,973	+ 210,761	478,199	539,566	- 61,367	194,989	117,250	+ 77,739	265,602	117,811	+ 147,791
1981	567,591	268,066	+ 299,525	423,989	467,069	- 43,080	280,317	120,800	+ 159,517	278,365	187,708	+ 90,657
1982	509,629	316,408	+ 193,221	422,488	259,552	+ 162,936	235,144	68,499	+ 166,645	248,701	315,096	- 66,395
1983	727,618	361,470	+ 366,148	429,073	344,516	+ 84,557	245,794	91,247	+ 154,547	210,458	347,775	- 137,317
1984	916,294	400,402	+ 515,892	346,204	422,978	- 76,774	190,699	134,320	+ 56,379	229,802	222,451	+ 7,351
1985	944,880	368,972	+ 575,908	280,904	413,794	- 132,890	239,163	104,204	+ 134,959	227,679	251,749	- 24,070
1986	1,272,140	485,642	+ 786,498	391,818	357,325	+ 34,493	328,627	152,672	+ 175,955	433,400	313,081	+ 120,319
1987	1,561,067	651,748	+ 909,319	445,505	567,248	- 121,743	459,745	194,435	+ 265,310	772,766	473,626	+ 299,140
1988	1,584,401	954,392	+ 630,009	632,637	613,435	+ 19,202	601,378	242,301	+ 359,077	939,025	649,749	+ 289,276
1989	1,759,418	996,063	+ 763,355	934,092	706,196	+ 227,896	778,076	238,478	+ 539,598	1,087,005	795,051	+ 291,954
1990	1,558,543	838,971	+ 719,572	1,245,811	921,587	+ 324,224	811,425	236,259	+ 575,166	1,131,740	1,131,598	+ 142
1991	1,624,208	1,039,970	+ 584,238	1,207,204	1,234,332	- 27,128	848,019	235,312	+ 612,707	1,352,244	1,140,487	+ 211,757
1992	1,643,387	1,178,448	+ 464,939	1,214,753	1,407,269	- 192,516	1,023,253	305,177	+ 718,076	1,249,350	1,400,552	- 151,202
1993	1,537,693	1,119,188	+ 418,505	1,284,546	1,624,039	- 339,493	1,031,107	364,815	+ 666,292	1,077,705	1,268,179	- 190,474
1994	1,458,206	1,250,712	+ 207,494	1,433,032	2,114,386	- 681,354	1,222,485	460,680	+ 761,805	961,322	1,456,844	- 495,522
1995	1,429,521	1,593,815	- 164,294	1,868,877	2,150,425	- 281,548	1,653,555	623,225	+ 1,030,330	1,203,547	1,784,226	- 580,679
1996	1,397,373	1,356,732	+ 40,641	1,955,334	1,884,483	+ 70,851	1,931,207	840,302	+ 1,090,905	1,305,987	4,060,855	- 2,754,868
1997	1,598,162	1,586,706	+ 11,456	2,133,844	2,184,708	- 50,864	2,242,475	1,374,642	+ 867,833	1,394,261	4,725,977	- 3,331,716
1998	1,572,926	1,159,890	+ 413,036	1,048,910	2,101,090	- 1,052,180	1,934,258	1,823,014	+ 111,244	1,376,148	5,328,522	- 3,952,374
1999	1,750,548	1,124,631	+ 625,917	1,298,616	2,291,355	- 992,739	2,611,369	2,172,518	+ 438,851	1,584,124	1,887,313	- 303,189
2000	1,882,170	1,276,264	+ 605,906	1,733,668	3,015,073	- 1,281,405	3,035,678	3,593,912	- 558,234	1,637,558	1,830,122	- 192,564
2001	1,564,291	996,056	+ 568,235	1,474,612	2,523,399	- 1,048,787	2,148,657	3,250,466	- 1,101,809	1,165,985	2,130,538	- 964,553
2002	1,533,601	945,047	+ 588,554	1,462,853	2,588,136	- 1,125,283	1,971,524	3,651,612	- 1,680,088	1,122,778	1,551,266	- 428,488
2003	1,470,440	1,078,789	+ 391,651	1,514,010	2,921,548	- 1,407,538	2,300,379	3,080,962	- 780,583	1,250,987	1,628,322	- 377,335

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

Period	Saudi Arabia			Brazil			Kuwait			Others		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
I. Amount (US\$ 1,000)												
1952	-	-	-	-	-	-	-	-	-	15,407	10,476	+ 4,931
1955	-	-	-	-	154	- 154	-	-	-	16,125	20,577	- 4,452
1960	60	5,178	- 5,118	-	66	- 66	1,486	8,707	- 7,221	35,514	26,155	+ 9,359
1965	321	-	+ 321	7	3,161	- 3,154	1,372	-	+ 1,372	89,824	68,399	+ 21,425
1970	3,822	2,751	+ 1,071	4,790	26,878	- 22,088	4,592	45,266	- 40,674	212,396	112,434	+ 99,962
1975	117,235	228,322	- 111,087	5,945	7,736	- 1,791	43,192	412,488	- 369,296	695,937	523,909	+ 172,028
1976	124,493	409,261	- 284,768	4,111	6,063	- 1,952	109,568	680,054	- 570,486	1,117,141	725,534	+ 391,607
1977	226,028	489,269	- 263,241	3,287	14,414	- 11,127	90,604	670,458	- 579,854	1,347,093	849,693	+ 497,400
1978	321,570	648,561	- 326,991	6,582	28,438	- 21,856	99,531	792,467	- 692,936	1,749,041	1,184,561	+ 564,480
1979	475,832	864,814	- 388,982	11,011	37,453	- 26,442	133,972	1,155,052	- 1,021,080	2,419,712	1,587,190	+ 832,522
1980	544,530	1,418,943	- 874,413	14,509	42,946	- 28,437	196,666	2,240,857	- 2,044,191	3,480,737	2,112,818	+ 1,367,919
1981	606,595	1,797,259	- 1,190,664	11,785	72,946	- 61,161	167,065	2,244,405	- 2,077,340	3,933,435	2,293,691	+ 1,639,744
1982	719,333	1,968,510	- 1,249,177	14,690	194,408	- 179,718	300,168	1,281,517	- 981,349	3,551,639	2,011,942	+ 1,539,697
1983	760,243	1,925,481	- 1,165,238	9,388	161,957	- 152,569	214,303	1,132,490	- 918,187	3,168,567	2,590,869	+ 577,698
1984	727,735	1,971,221	- 1,243,486	11,431	151,442	- 140,011	147,487	727,641	- 580,154	3,334,074	2,783,353	+ 550,721
1985	590,018	1,361,004	- 770,986	25,623	143,603	- 117,980	117,171	670,769	- 553,598	3,295,512	2,951,699	+ 343,813
1986	626,600	909,999	- 283,399	40,648	206,918	- 166,270	142,495	443,043	- 300,548	4,578,277	3,213,372	+ 1,364,905
1987	706,389	1,075,312	- 368,923	30,796	287,277	- 256,481	151,445	730,154	- 578,709	6,344,328	4,895,433	+ 1,448,895
1988	630,107	1,237,018	- 606,911	40,080	540,242	- 500,162	166,731	489,447	- 322,716	7,328,735	6,785,728	+ 543,007
1989	557,140	1,375,481	- 818,341	60,075	636,980	- 576,905	138,632	434,461	- 295,829	8,146,864	7,622,309	+ 524,555
1990	459,445	1,539,246	- 1,079,801	104,357	557,683	- 453,326	89,366	369,036	- 279,670	8,932,199	8,655,258	+ 276,941
1991	615,703	1,679,268	- 1,063,565	128,105	799,464	- 671,359	32,146	35,649	- 3,503	10,364,926	9,630,458	+ 734,468
1992	562,764	1,464,663	- 901,899	117,001	751,087	- 634,086	96,120	224,297	- 128,177	11,190,691	11,101,952	+ 88,739
1993	533,329	1,501,962	- 968,633	270,399	757,204	- 486,805	85,861	274,209	- 188,348	11,139,582	12,687,032	- 1,547,450
1994	456,420	1,332,875	- 876,455	435,977	612,476	- 176,499	83,007	286,493	- 203,486	11,976,713	14,925,863	- 2,949,150
1995	449,864	1,763,397	- 1,313,533	775,494	592,419	+ 183,075	90,197	455,979	- 365,782	14,357,706	18,760,133	- 4,402,427
1996	467,522	1,763,340	- 1,295,818	857,729	565,807	+ 291,922	95,618	550,143	- 454,525	15,528,949	18,846,592	- 3,317,643
1997	490,969	1,904,444	- 1,413,475	912,271	760,983	+ 151,288	94,535	546,784	- 452,249	17,285,564	20,581,037	- 3,295,473
1998	418,196	1,204,187	- 785,991	674,591	584,783	+ 89,808	80,747	348,676	- 267,929	17,638,633	18,214,890	- 576,257
1999	382,194	1,383,569	- 1,001,375	470,066	475,119	- 5,053	68,927	406,734	- 337,807	19,266,798	20,105,322	- 838,524
2000	350,846	2,690,471	- 2,339,625	775,715	553,249	+ 222,466	66,974	981,902	- 914,928	24,388,366	25,035,136	- 646,770
2001	344,903	2,745,438	- 2,400,535	569,737	443,997	+ 125,740	62,820	1,130,329	- 1,067,509	22,244,549	21,325,659	+ 918,890
2002	335,366	2,406,321	- 2,070,955	471,006	583,365	- 112,359	72,633	1,288,688	- 1,216,055	28,261,167	24,779,086	+ 3,482,081
2003	361,088	4,275,506	- 3,914,418	454,012	915,010	- 460,998	79,280	2,001,970	- 1,922,690	42,271,415	30,101,024	+ 12,170,391

## 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 (%)										
1952	100.0	3.5	7.7	52.6	9.6	0.2	2.7	0.3	-	4.2
1955	100.0	4.4	5.5	59.5	5.5	0.9	3.6	0.9	-	3.0
1960	100.0	11.5	12.6	37.7	2.3	2.0	2.4	0.8	2.9	1.6
1965	100.0	21.3	6.2	30.6	2.0	6.6	3.7	1.3	1.2	0.8
1970	100.0	38.1	9.2	14.6	2.4	4.8	1.7	2.1	0.8	0.9
1975	100.0	34.3	6.8	13.1	2.7	6.0	1.3	2.6	0.8	2.6
1976	100.0	37.2	7.5	13.4	2.6	5.2	1.0	2.0	0.7	2.0
1977	100.0	38.8	6.8	12.0	2.5	4.5	1.1	1.8	0.8	2.9
1978	100.0	39.5	6.8	12.4	2.3	4.5	1.3	1.8	0.7	2.6
1979	100.0	35.1	7.1	14.0	2.6	4.6	1.2	2.1	0.8	2.5
1980	100.0	34.1	7.8	11.0	2.8	5.4	0.9	2.3	0.9	2.4
1981	100.0	36.1	8.4	11.0	2.7	4.0	0.9	1.7	0.8	2.5
1982	100.0	39.4	7.0	10.7	2.6	3.5	1.0	1.5	1.0	2.4
1983	100.0	45.1	6.5	9.9	2.8	3.4	1.1	1.5	0.9	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	3.8	1.7	2.4	1.0	3.2
1990	100.0	32.4	12.7	12.4	3.3	4.7	2.1	2.8	1.6	2.9
1991	100.0	29.3	16.3	12.1	3.1	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	22.4	8.4	2.9	3.7	1.7	4.0	2.1	3.0
1999	100.0	25.4	21.4	9.8	3.1	3.4	1.7	3.5	2.3	3.2
2000	100.0	23.5	21.1	11.2	3.7	3.3	1.7	3.3	2.4	3.0
2001	100.0	22.5	21.9	10.4	3.3	3.6	1.7	3.4	2.5	2.7
2002	100.0	20.5	23.6	9.2	3.4	2.9	1.8	2.9	2.4	2.2
2003	100.0	18.0	19.7	8.3	3.5	2.9	1.8	2.9	2.1	2.0

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

## A. Exports

Period	Korea, Rep. of	Australia	Canada	Indonesia	Philippines	France	Saudi Arabia	Brazil	Kuwait	Others
II. Percentage (%)										
1952	3.2	0.2	-	2.4	0.1	0.1	-	-	-	13.2
1955	2.9	0.1	0.1	0.0	0.2	0.4	-	-	-	13.1
1960	3.7	0.2	0.8	-	1.1	0.7	0.0	-	0.9	21.7
1965	1.4	0.9	2.0	0.0	1.4	0.2	0.1	-	0.3	20.0
1970	1.9	1.4	3.4	2.2	1.1	0.2	0.2	0.3	0.3	14.3
1975	2.3	2.4	3.4	3.3	1.5	0.7	2.2	0.1	0.8	13.1
1976	0.9	2.7	3.8	2.7	1.0	0.8	1.5	0.1	1.3	13.7
1977	1.0	2.6	2.9	2.5	1.0	1.0	2.4	-	1.0	14.4
1978	1.1	2.6	2.6	2.4	1.3	1.0	2.5	-	0.8	13.8
1979	1.1	2.6	2.6	2.5	1.2	1.1	3.0	0.1	0.8	15.0
1980	1.3	2.7	2.3	2.4	1.0	1.3	2.8	0.1	1.0	17.6
1981	1.2	3.0	2.5	1.9	1.2	1.2	2.7	0.1	0.7	17.4
1982	0.9	2.9	2.3	1.9	1.1	1.1	3.2	0.1	1.4	16.0
1983	0.9	2.5	2.9	1.7	1.0	0.8	3.0	-	0.9	12.6
1984	0.8	2.7	3.0	1.1	0.6	0.7	2.4	-	0.5	10.9
1985	0.8	2.4	3.1	0.9	0.8	0.7	1.9	0.1	0.4	10.7
1986	0.9	2.2	3.2	1.0	0.8	1.1	1.6	0.1	0.4	11.5
1987	1.2	2.1	2.9	0.8	0.9	1.4	1.3	0.1	0.3	11.8
1988	1.5	2.2	2.6	1.0	1.0	1.6	1.0	0.1	0.3	12.1
1989	1.7	2.3	2.7	1.4	1.2	1.6	0.8	0.1	0.2	12.3
1990	1.8	1.9	2.3	1.9	1.2	1.7	0.7	0.2	0.1	13.3
1991	1.7	1.8	2.1	1.6	1.1	1.8	0.8	0.2	0.1	13.6
1992	1.4	1.8	2.0	1.5	1.3	1.5	0.7	0.1	0.1	13.7
1993	1.5	1.7	1.8	1.5	1.2	1.3	0.6	0.3	0.1	13.1
1994	1.9	1.8	1.6	1.5	1.3	1.0	0.5	0.5	0.1	12.9
1995	2.3	1.6	1.3	1.7	1.5	1.1	0.4	0.7	0.1	12.9
1996	2.3	1.6	1.2	1.7	1.7	1.1	0.4	0.7	0.1	13.4
1997	1.9	1.5	1.3	1.7	1.8	1.1	0.4	0.7	0.1	14.4
1998	1.3	1.5	1.4	0.9	1.7	1.2	0.4	0.6	0.1	16.0
1999	2.1	1.5	1.4	1.1	2.1	1.3	0.3	0.4	0.1	15.9
2000	2.6	1.2	1.3	1.2	2.0	1.1	0.2	0.5	0.0	16.4
2001	2.7	1.1	1.3	1.2	1.7	0.9	0.3	0.5	0.1	18.1
2002	3.0	1.2	1.2	1.1	1.5	0.9	0.3	0.4	0.1	21.6
2003	3.2	1.3	1.0	1.1	1.6	0.9	0.3	0.3	0.1	29.3

## 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 (%)										
1952	100.0	31.2	45.7	1.3	0.0	0.9	0.7	9.0	-	-
1955	100.0	30.5	47.5	2.5	0.1	0.4	1.6	1.5	-	-
1960	100.0	35.3	38.1	3.8	0.1	1.3	0.4	1.6	0.9	1.8
1965	100.0	39.8	31.7	3.1	0.4	2.3	0.5	1.0	1.1	-
1970	100.0	42.8	23.9	4.1	1.0	3.1	0.3	1.8	1.9	0.2
1975	100.0	30.6	27.8	6.2	1.0	2.7	0.6	1.3	1.0	3.8
1976	100.0	32.3	23.7	4.6	1.1	2.4	0.5	1.3	1.4	5.4
1977	100.0	31.1	23.1	3.3	1.2	2.5	1.1	2.4	1.7	5.7
1978	100.0	33.4	21.5	3.7	1.3	2.9	0.7	1.4	2.0	5.9
1979	100.0	30.9	22.9	4.3	1.2	3.1	0.8	1.4	2.2	5.8
1980	100.0	27.1	23.7	3.7	1.1	2.6	1.1	1.3	2.2	7.2
1981	100.0	28.0	22.5	3.0	1.4	2.8	0.9	1.5	2.1	8.5
1982	100.0	25.3	24.1	4.2	1.2	3.4	0.8	1.6	2.5	10.4
1983	100.0	27.5	22.9	3.4	0.8	3.4	0.8	1.5	2.4	9.5
1984	100.0	29.3	23.0	3.5	1.1	3.6	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	3.6	1.4	1.6	2.1	3.8
1987	100.0	33.8	21.9	4.6	1.5	2.9	1.5	2.2	2.1	3.1
1988	100.0	29.8	26.2	4.3	1.8	2.7	1.5	3.9	1.9	2.5
1989	100.0	30.7	23.0	5.0	2.4	3.1	1.7	4.2	1.7	2.6
1990	100.0	29.2	23.0	4.9	2.5	3.0	2.6	2.7	1.8	2.8
1991	100.0	30.0	22.4	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	25.8	18.8	4.9	5.4	2.8	2.6	1.9	3.5	1.2
1999	100.0	27.6	17.8	4.8	6.5	2.7	3.0	1.9	3.5	1.2
2000	100.0	27.5	17.9	4.0	6.4	2.5	3.6	1.6	3.8	1.9
2001	100.0	24.1	17.0	4.0	6.3	2.9	3.1	1.7	3.9	2.6
2002	100.0	24.2	16.1	3.9	6.9	2.5	3.1	1.5	3.7	2.1
2003	100.0	25.6	13.2	3.9	6.8	2.1	3.0	1.4	3.7	3.4

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

## B. Imports

Period	Indonesia	United Kingdom	France	Canada	Netherlands	Thailand	Brazil	Kuwait	Philippines	Others
II. Percentage (%)										
1952	0.0	2.3	0.3	1.2	1.3	0.1	-	-	0.4	5.6
1955	1.2	1.2	0.3	1.4	0.5	0.1	0.1	-	0.8	10.2
1960	0.0	1.4	0.6	0.7	1.4	0.7	-	2.9	1.0	8.8
1965	0.0	1.5	0.4	1.2	0.7	0.9	0.6	-	2.4	12.3
1970	0.8	1.7	0.4	1.1	0.7	2.7	1.8	3.0	1.3	7.4
1975	2.8	2.1	0.9	0.8	0.9	1.2	0.1	6.9	0.6	8.8
1976	2.7	2.2	0.8	0.7	0.7	1.2	0.1	9.0	0.4	9.5
1977	3.7	2.1	1.0	0.9	0.7	1.1	0.1	7.9	0.4	10.0
1978	2.9	2.2	0.9	1.0	0.9	0.6	0.2	7.2	0.5	10.7
1979	3.1	2.0	0.8	0.9	0.8	0.5	0.3	7.8	0.5	10.7
1980	2.7	1.5	0.6	1.3	0.8	0.4	0.2	11.3	0.6	10.7
1981	2.2	1.4	0.9	1.3	0.6	0.5	0.3	10.6	0.6	10.8
1982	1.4	1.4	1.7	1.7	0.8	0.6	1.0	6.8	0.4	10.7
1983	1.7	1.5	1.7	1.8	1.1	0.4	0.8	5.6	0.4	12.8
1984	1.9	1.4	1.0	1.8	1.1	0.6	0.7	3.3	0.6	12.7
1985	2.1	1.3	1.3	1.8	1.1	0.7	0.7	3.3	0.5	14.7
1986	1.5	1.5	1.3	2.0	1.3	0.7	0.8	1.8	0.6	13.3
1987	1.6	2.3	1.3	1.9	1.3	0.6	0.8	2.1	0.5	14.0
1988	1.2	2.2	1.3	1.9	1.8	0.7	1.1	1.0	0.5	13.7
1989	1.4	1.8	1.5	1.9	1.3	0.7	1.2	0.8	0.5	14.6
1990	1.7	2.1	2.1	1.5	1.3	0.8	1.0	0.7	0.4	15.8
1991	2.0	1.8	1.8	1.6	1.3	0.9	1.3	0.1	0.4	15.3
1992	2.0	1.9	1.9	1.6	1.2	1.1	1.0	0.3	0.4	15.4
1993	2.1	1.5	1.6	1.5	1.3	1.3	1.0	0.4	0.5	16.5
1994	2.5	1.8	1.7	1.5	1.3	1.3	0.7	0.3	0.5	17.5
1995	2.1	1.6	1.7	1.5	1.3	1.4	0.6	0.4	0.6	18.1
1996	1.8	1.8	4.0	1.3	1.4	1.6	0.6	0.5	0.8	18.4
1997	1.9	1.7	4.1	1.4	1.4	1.7	0.7	0.5	1.2	17.9
1998	2.0	1.6	5.1	1.1	1.5	1.9	0.6	0.3	1.7	17.3
1999	2.1	1.6	1.7	1.0	1.5	2.2	0.4	0.4	2.0	18.2
2000	2.2	1.4	1.3	0.9	1.5	2.0	0.4	0.7	2.6	17.9
2001	2.4	1.3	2.0	0.9	1.4	2.0	0.4	1.1	3.0	19.9
2002	2.3	1.2	1.4	0.8	1.3	1.9	0.5	1.1	3.2	22.0
2003	2.3	1.1	1.3	0.8	1.0	1.9	0.7	1.6	2.4	23.7

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

Unit: US\$ 1,000

Period	Total			Asia			Europe		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
1952	116,474	187,215	- 70,741	99,222	80,875	+ 18,347	6,125	12,275	- 6,150
1955	123,275	201,022	- 77,747	98,204	72,362	+ 25,842	6,706	13,983	- 7,277
1960	163,982	296,780	- 132,798	111,722	120,580	- 8,858	9,838	33,257	- 23,419
1965	449,682	556,011	- 106,329	264,627	261,229	- 3,398	46,471	47,483	- 1,012
1970	1,481,436	1,523,951	- 42,515	560,547	813,373	- 252,826	149,323	148,052	+ 1,271
1975	5,308,771	5,951,650	- 642,879	1,714,659	2,367,227	- 652,568	797,646	754,552	+ 43,094
1976	8,166,340	7,598,931	+ 567,409	2,440,813	3,187,589	- 746,776	1,091,850	834,831	+ 257,019
1977	9,360,710	8,510,887	+ 849,823	2,609,597	3,713,497	- 1,103,900	1,255,438	829,032	+ 426,406
1978	12,687,140	11,026,931	+ 1,660,209	3,628,650	4,825,230	- 1,196,580	1,633,079	1,268,363	+ 364,716
1979	16,103,426	14,773,700	+ 1,329,726	4,974,771	6,191,879	- 1,217,108	2,307,481	1,701,054	+ 606,427
1980	19,810,618	19,733,135	+ 77,483	5,680,709	7,367,179	- 1,686,470	3,121,193	1,860,743	+ 1,260,450
1981	22,611,197	21,199,551	+ 1,411,646	6,518,437	7,971,371	- 1,452,934	2,887,799	1,982,956	+ 904,843
1982	22,204,270	18,888,375	+ 3,315,895	6,048,475	6,472,406	- 423,931	2,587,328	2,108,738	+ 478,590
1983	25,122,747	20,287,078	+ 4,835,669	6,482,562	7,433,028	- 950,466	2,761,229	2,270,146	+ 491,083
1984	30,456,390	21,959,086	+ 8,497,304	7,634,929	8,745,249	- 1,110,320	3,063,846	2,380,330	+ 683,516
1985	30,725,662	20,102,049	+ 10,623,613	8,356,705	7,744,001	+ 612,704	2,996,535	2,453,649	+ 542,886
1986	39,861,504	24,181,460	+ 15,680,044	10,338,201	10,768,256	- 430,055	4,774,413	3,235,916	+ 1,538,497
1987	53,678,748	34,983,380	+ 18,695,368	15,141,970	15,729,162	- 587,192	7,891,605	5,278,412	+ 2,613,193
1988	60,667,362	49,672,800	+ 10,994,562	19,910,195	20,929,841	- 1,019,646	9,887,121	8,005,739	+ 1,881,382
1989	66,303,952	52,265,326	+ 14,038,626	23,400,949	23,265,625	+ 135,324	10,953,898	8,381,568	+ 2,572,330
1990	67,214,446	54,716,004	+ 12,498,442	25,692,601	23,849,820	+ 1,842,781	12,233,431	9,585,837	+ 2,647,594
1991	76,178,309	62,860,545	+ 13,317,764	31,152,988	28,940,246	+ 2,212,742	14,001,441	9,974,909	+ 4,026,532
1992	81,470,250	72,006,794	+ 9,463,456	34,800,227	33,597,188	+ 1,203,039	13,928,888	12,474,638	+ 1,454,250
1993	85,091,458	77,061,203	+ 8,030,255	39,074,096	36,248,289	+ 2,825,807	12,902,013	13,559,789	- 657,776
1994	93,048,783	85,349,194	+ 7,699,589	45,943,958	40,928,870	+ 5,015,088	12,927,365	15,949,856	- 3,022,491
1995	111,658,800	103,550,044	+ 8,108,756	58,666,022	51,201,556	+ 7,464,466	15,725,252	18,701,127	- 2,975,875
1996	115,942,064	102,370,021	+ 13,572,043	60,753,894	48,867,744	+ 11,886,150	16,944,831	20,143,254	- 3,198,423
1997	122,080,673	114,424,665	+ 7,656,008	61,543,747	55,017,520	+ 6,526,227	18,415,323	21,600,755	- 3,185,432
1998	110,582,293	104,665,312	+ 5,916,981	50,147,693	52,904,090	- 2,756,397	19,637,458	20,585,039	- 947,581
1999	121,590,945	110,689,863	+ 10,901,082	59,209,168	60,599,727	- 1,390,559	20,320,476	17,584,410	+ 2,736,066
2000	148,320,561	140,010,636	+ 8,309,925	76,669,031	78,481,549	- 1,812,518	23,713,399	19,013,080	+ 4,700,319
2001	122,866,261	107,237,394	+ 15,628,867	64,499,378	58,646,472	+ 5,852,906	19,807,784	14,989,456	+ 4,818,328
2002	130,596,781	112,530,093	+ 18,066,688	74,286,002	64,076,627	+ 10,209,375	18,554,021	14,643,506	+ 3,910,515
2003	144,179,522	127,248,508	+ 16,931,014	85,632,499	74,112,375	+ 11,520,124	20,452,266	16,240,051	+ 4,212,215

Source: See Table 11-2c.

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

Unit: US\$ 1,000

Period	North America			South America			Africa		
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports	Balance
1952	4,065	31,300	- 27,235	-	142	- 142	6,434	946	+ 5,488
1955	5,498	98,417	- 92,919	429	176	+ 253	765	1,132	- 367
1960	20,135	115,197	- 95,062	22	97	- 75	3,704	1,677	+ 2,027
1965	104,796	183,209	- 78,413	230	6,706	- 6,476	15,020	7,631	+ 7,389
1970	615,062	380,907	+ 234,155	7,682	37,667	- 29,985	42,538	10,249	+ 32,289
1975	2,004,425	1,700,222	+ 304,203	38,402	26,139	+ 12,263	202,571	135,241	+ 67,330
1976	3,352,282	1,853,648	+ 1,498,634	52,433	70,129	- 17,696	270,437	152,135	+ 118,302
1977	3,912,176	2,036,818	+ 1,875,358	102,635	121,507	- 18,872	307,971	146,020	+ 161,951
1978	5,337,148	2,481,972	+ 2,855,176	145,260	148,468	- 3,208	404,797	198,099	+ 206,698
1979	6,066,776	3,512,380	+ 2,554,396	244,652	175,671	+ 68,981	480,027	324,843	+ 155,184
1980	7,220,040	4,922,463	+ 2,297,577	394,880	157,757	+ 237,123	833,075	506,140	+ 326,935
1981	8,731,017	5,033,829	+ 3,697,188	459,102	385,134	+ 73,968	1,100,479	727,610	+ 372,869
1982	9,268,746	4,879,674	+ 4,389,072	289,687	477,781	- 188,094	884,243	539,587	+ 344,656
1983	12,061,349	5,007,903	+ 7,053,446	133,197	427,330	- 294,133	680,883	541,668	+ 139,215
1984	15,784,107	5,442,052	+ 10,342,055	159,708	468,819	- 309,111	699,969	504,957	+ 195,012
1985	15,718,279	5,115,245	+ 10,603,034	166,355	436,237	- 269,882	560,541	532,124	+ 28,417
1986	20,286,058	5,918,236	+ 14,367,822	268,566	459,306	- 190,740	742,626	600,921	+ 141,705
1987	25,245,937	8,299,710	+ 16,946,227	309,004	584,596	- 275,592	1,084,542	1,028,337	+ 56,205
1988	25,051,636	13,961,129	+ 11,090,507	301,415	1,064,195	- 762,780	1,365,326	1,262,007	+ 103,319
1989	25,795,677	12,998,851	+ 12,796,826	325,885	1,398,958	- 1,073,073	1,256,114	1,173,594	+ 82,520
1990	23,304,896	13,450,798	+ 9,854,098	427,694	1,153,234	- 725,540	1,257,121	1,220,521	+ 36,600
1991	23,945,546	15,153,758	+ 8,791,788	719,607	1,646,257	- 926,650	1,378,188	1,406,149	- 27,961
1992	25,217,779	16,949,490	+ 8,268,289	823,509	1,608,284	- 784,775	1,387,071	1,459,262	- 72,191
1993	25,127,893	17,841,852	+ 7,286,041	1,017,847	1,556,426	- 538,579	1,337,523	1,738,756	- 401,233
1994	25,796,535	19,293,719	+ 6,502,816	1,239,278	1,720,878	- 481,600	1,361,078	1,405,684	- 44,606
1995	27,838,364	22,365,634	+ 5,472,730	1,692,118	2,082,293	- 390,175	1,631,060	1,814,668	- 183,608
1996	28,265,202	21,329,147	+ 6,936,055	1,772,086	1,901,606	- 129,520	1,551,261	2,388,430	- 837,169
1997	31,150,760	24,820,876	+ 6,329,884	1,955,252	2,212,241	- 256,989	1,528,276	2,470,275	- 941,999
1998	30,950,456	20,839,138	+ 10,111,318	1,626,525	1,675,875	- 49,350	1,453,770	1,961,288	- 507,518
1999	32,652,876	20,818,001	+ 11,834,875	1,259,898	1,362,931	- 103,033	1,292,810	2,226,479	- 933,669
2000	36,697,394	26,402,733	+ 10,294,661	1,723,267	1,451,576	+ 271,691	1,314,799	3,282,236	- 1,967,437
2001	29,219,518	19,225,317	+ 9,994,201	1,441,702	1,042,159	+ 399,543	1,171,724	2,658,422	- 1,486,698
2002	28,297,957	19,039,423	+ 9,258,534	1,140,225	1,431,510	- 291,285	1,167,225	2,127,722	- 960,497
2003	27,413,332	17,898,871	+ 9,514,461	1,193,924	1,905,907	- 711,983	1,364,752	2,706,269	- 1,341,517

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

Unit: US\$ 1,000

Period	Oceania			Other Origins		
	Exports	Imports	Balance	Exports	Imports	Balance
1952	225	1,604	- 1,379	403	60,073	- 59,670
1955	171	829	- 658	11,502	14,123	- 2,621
1960	388	3,678	- 3,290	18,173	22,294	- 4,121
1965	6,668	12,780	- 6,112	11,870	36,973	- 25,103
1970	23,743	51,376	- 27,633	82,541	82,327	+ 214
1975	141,834	184,279	- 42,445	409,234	783,990	- 374,756
1976	255,466	219,201	+ 36,265	703,059	1,281,398	- 578,339
1977	290,176	255,062	+ 35,114	882,717	1,408,951	- 523,234
1978	390,675	361,858	+ 28,817	1,147,531	1,742,941	- 595,410
1979	474,421	509,169	- 34,748	1,555,298	2,358,704	- 803,406
1980	592,209	575,276	+ 16,933	1,968,512	4,343,577	- 2,375,065
1981	804,195	664,532	+ 139,663	2,110,168	4,434,119	- 2,323,951
1982	768,108	726,709	+ 41,399	2,357,683	3,683,480	- 1,325,797
1983	751,675	779,362	- 27,687	2,251,852	3,827,641	- 1,575,789
1984	941,635	877,476	+ 64,159	2,172,196	3,540,203	- 1,368,007
1985	902,401	882,739	+ 19,662	2,024,846	2,938,054	- 913,208
1986	1,046,184	987,381	+ 58,803	2,405,456	2,211,444	+ 194,012
1987	1,342,430	1,155,268	+ 187,162	2,663,260	2,907,895	- 244,635
1988	1,641,667	1,525,684	+ 115,983	2,510,002	2,924,205	- 414,203
1989	1,832,267	1,847,360	- 15,093	2,739,162	3,199,370	- 460,208
1990	1,540,976	1,866,039	- 325,063	2,757,727	3,589,755	- 832,028
1991	1,620,425	2,298,043	- 677,618	3,360,114	3,441,183	- 81,069
1992	1,696,406	2,365,635	- 669,229	3,616,370	3,552,297	+ 64,073
1993	1,731,332	2,447,326	- 715,994	3,900,754	3,668,765	+ 231,989
1994	1,962,349	2,617,549	- 655,200	3,818,220	3,432,638	+ 385,582
1995	2,118,938	3,061,428	- 942,490	3,987,046	4,323,338	- 336,292
1996	2,250,699	3,335,799	- 1,085,100	4,404,091	4,404,041	+ 50
1997	2,283,443	3,712,950	- 1,429,507	5,203,872	4,590,048	+ 613,824
1998	1,991,312	3,307,461	- 1,316,149	4,775,079	3,392,421	+ 1,382,658
1999	2,196,648	3,383,194	- 1,186,546	4,659,069	4,715,121	- 56,052
2000	2,296,523	3,975,723	- 1,679,200	5,906,148	7,403,739	- 1,497,591
2001	1,725,658	3,536,377	- 1,810,719	5,000,497	7,139,191	- 2,138,694
2002	1,930,402	3,278,869	- 1,348,467	5,220,949	7,932,436	- 2,711,487
2003	2,446,137	3,231,820	- 785,683	5,676,612	11,153,215	- 5,476,603

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

Unit: US\$ million

Period	Total	Fishery Products	Chemicals	Plastics and Articles Thereof	Rubber and Articles Thereof	Plywood	Textile Products (Except Garments)	Garments	Footwear & Parts	Ceramic Products	Basic Metals and Articles Thereof
1981	22,611.2	512.4	294.5	769.6	216.3	400.5	2,219.5	2,557.5	1,503.7	243.4	1,532.8
1982	22,204.3	410.2	321.4	749.6	187.9	333.8	1,986.3	2,619.2	1,520.7	220.2	1,638.4
1983	25,122.7	524.0	339.7	897.6	222.8	363.6	2,069.6	2,688.2	1,884.0	269.9	1,957.7
1984	30,456.4	542.7	416.3	1,183.6	242.9	281.5	2,464.9	3,385.6	2,264.7	351.7	2,307.4
1985	30,725.7	627.3	424.8	1,315.8	272.8	249.2	2,851.9	3,151.2	2,349.0	309.8	2,353.7
1986	39,861.5	964.3	603.5	1,794.5	341.9	241.1	3,512.0	3,790.6	3,107.6	416.3	2,796.9
1987	53,678.7	1,197.2	775.1	2,574.5	395.6	307.0	4,621.9	4,439.1	3,691.6	674.9	3,627.7
1988	60,667.4	1,043.7	980.7	3,336.5	528.5	317.9	5,245.2	4,068.2	3,856.1	671.4	4,501.6
1989	66,304.0	1,095.8	1,058.4	3,832.9	503.1	234.5	6,408.8	3,946.9	3,799.5	665.2	5,192.1
1990	67,214.4	828.7	1,282.0	3,918.1	511.9	176.5	7,094.2	3,190.3	3,528.3	616.9	5,215.3
1991	76,178.3	815.7	1,569.7	4,580.9	590.3	137.8	8,478.6	3,518.6	3,810.8	626.1	5,805.9
1992	81,470.3	773.4	1,769.4	4,815.1	639.9	117.0	8,713.3	3,128.5	3,703.6	618.4	6,464.5
1993	85,091.5	784.8	1,937.1	5,011.4	681.6	93.0	9,271.4	2,768.0	2,772.6	463.8	7,133.1
1994	93,048.8	1,012.1	2,404.0	5,650.4	752.2	113.3	11,461.4	2,538.1	1,726.4	377.2	8,075.0
1995	111,658.8	1,198.3	3,238.1	7,101.2	973.3	133.1	13,272.0	2,350.0	1,404.2	306.6	10,026.8
1996	115,942.1	1,092.6	3,257.4	6,685.1	1,028.7	151.4	13,381.8	2,286.1	1,209.8	256.7	10,245.7
1997	122,080.7	1,101.5	3,277.6	6,636.8	1,079.4	139.5	14,209.9	2,450.7	1,002.1	215.4	11,530.7
1998	110,582.3	988.0	2,857.2	5,901.1	969.0	59.0	12,208.1	2,337.8	719.0	146.4	10,870.2
1999	121,590.9	950.4	3,266.9	6,514.8	1,009.5	46.4	12,052.6	2,119.9	687.4	134.8	11,607.3
2000	148,320.6	1,042.7	4,044.1	7,949.7	1,106.1	42.1	13,003.7	2,213.4	604.2	133.0	13,518.6
2001	122,866.3	1,039.1	4,137.9	6,957.0	1,035.8	33.5	10,861.5	1,768.7	481.9	101.5	11,330.8
2002	130,596.8	1,133.3	4,667.0	7,663.6	1,134.9	27.0	10,606.6	1,543.0	441.8	95.9	12,542.7
2003	144,179.5	1,240.5	5,661.4	8,672.8	1,302.4	19.7	10,410.5	1,466.9	398.7	84.5	14,330.4

Source: See Table 11-2c.

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

(By CCC)

Unit: US\$ million

Period	Electronic Products	Machinery	Electrical Machinery Products	Information & Communication Products	Household Electrical Appliances	Transportation Equipments	Precision Instruments	Toys, Games & Sports Requisites Parts & Accessories Thereof	Furniture	Others
1981	2,940.3	1,070.4	421.6	159.8	286.9	841.3	484.5	1,331.3	406.7	4,418.2
1982	2,529.6	1,008.1	427.7	232.5	304.9	1,067.4	487.9	1,417.4	452.1	4,289.0
1983	2,828.0	1,207.6	515.0	616.0	390.3	996.5	518.5	1,545.7	583.7	4,704.3
1984	3,473.6	1,388.6	717.5	1,067.6	559.1	1,186.1	590.9	1,901.6	720.3	5,409.8
1985	3,038.3	1,474.7	797.4	1,317.6	586.8	1,241.2	562.8	1,784.1	768.4	5,248.9
1986	3,907.3	1,928.4	1,013.4	2,398.8	699.1	1,702.0	745.1	2,407.6	1,221.8	6,269.3
1987	5,738.5	3,135.7	1,516.8	3,786.2	933.0	2,302.8	1,059.8	3,337.3	1,630.1	7,933.9
1988	6,689.2	4,053.0	1,976.9	5,017.1	1,118.8	2,456.0	1,311.2	3,403.5	1,591.3	8,500.6
1989	8,138.2	4,668.1	2,191.4	4,423.9	1,096.1	3,020.1	1,516.7	3,037.6	1,634.2	9,840.5
1990	7,725.3	5,776.9	2,207.7	5,023.6	903.5	3,449.4	1,536.1	2,906.4	1,445.8	9,877.5
1991	8,183.3	6,794.7	2,538.6	5,588.8	1,006.0	3,929.2	1,856.4	3,044.5	1,695.3	11,606.7
1992	8,682.2	7,533.0	2,783.6	6,423.5	1,034.8	4,199.9	2,000.5	3,318.7	1,840.1	12,910.8
1993	10,259.2	7,045.6	3,217.9	6,439.5	874.9	4,677.0	1,945.7	2,816.2	1,839.8	15,059.0
1994	12,333.9	7,207.5	3,446.6	6,790.8	825.7	4,816.6	2,063.8	2,704.4	1,801.7	16,947.7
1995	16,250.4	8,349.7	3,998.6	9,906.8	875.8	5,361.8	2,336.1	2,746.4	1,767.5	20,062.1
1996	16,631.6	9,482.3	4,224.5	12,545.9	890.1	5,215.4	2,294.2	2,671.2	1,738.5	20,653.1
1997	18,024.1	9,651.5	4,767.5	14,441.6	828.1	5,587.6	2,492.3	2,382.8	1,700.6	17,722.8
1998	16,900.6	7,807.3	4,351.4	13,757.8	663.8	5,216.1	2,216.8	1,901.3	1,576.7	19,134.7
1999	21,832.5	7,921.1	4,601.1	15,141.7	690.9	5,151.9	2,728.2	1,781.1	1,718.8	21,633.6
2000	31,673.7	9,665.5	5,371.1	19,561.9	650.3	5,752.8	3,804.4	2,210.5	1,766.7	24,206.1
2001	23,601.1	8,348.1	4,665.1	15,668.1	574.8	4,441.6	3,094.1	1,735.3	1,313.3	21,677.1
2002	25,838.0	9,258.4	5,898.7	16,039.0	555.6	4,830.5	4,327.2	1,729.2	1,198.8	21,065.6
2003	31,158.4	9,864.9	6,012.3	14,056.7	526.8	5,672.0	7,202.5	1,728.9	1,196.9	23,172.3

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

## A. Textile Products

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	13,999,531	15,622,032	15,667,919	16,660,605	14,545,937	14,172,532	15,217,094	12,630,186	12,149,603	11,877,427
U.S.A.	2,642,838	2,466,424	2,462,476	2,615,641	2,599,274	2,484,135	2,590,646	2,177,640	1,923,358	1,887,287
Hong Kong	5,459,457	6,424,182	6,203,464	6,205,588	4,930,624	4,610,451	4,794,819	3,877,825	3,699,085	3,184,322
Japan	581,843	578,479	585,742	552,306	422,288	399,342	408,451	363,448	329,051	292,516
Canada	193,316	162,148	156,560	185,891	194,493	181,267	196,389	170,537	147,694	126,197
Germany	220,598	182,120	166,208	186,219	186,784	171,764	165,697	125,938	130,591	127,522
Singapore	291,184	280,822	265,629	260,524	178,463	174,548	200,805	126,999	101,761	55,316
United Kingdom	180,297	180,740	209,314	285,604	260,237	231,398	209,493	171,529	147,338	128,069
Indonesia	364,092	439,663	439,096	513,903	403,689	446,765	577,297	479,941	459,688	447,446
Australia	161,539	164,785	164,014	133,229	137,119	127,026	108,023	82,326	82,687	84,101
Netherlands	60,756	60,751	64,144	81,144	81,154	71,276	74,359	64,461	53,842	43,206
Italy	45,503	47,213	51,501	102,363	118,255	105,605	107,112	92,570	92,990	92,135
Korea, Rep. of	434,460	531,700	445,780	344,970	190,379	268,123	251,342	196,465	181,864	153,259
Thailand	275,973	322,482	301,306	301,414	256,663	325,976	382,280	319,664	298,016	274,623
Others	3,087,675	3,780,523	4,152,685	4,891,809	4,586,515	4,574,856	5,150,381	4,380,843	4,501,638	4,981,428

Source: See Table 11-2c.

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

## B. Footwear

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	875,595	699,422	559,619	410,189	282,838	235,018	189,560	141,571	133,089	121,044
U.S.A.	406,303	315,661	207,863	128,236	96,152	75,581	47,236	36,511	42,347	36,001
Saudi Arabia	6,452	6,454	5,809	3,690	3,587	723	316	146	225	228
Japan	136,151	127,482	134,458	97,667	52,382	47,654	41,458	34,135	24,380	17,840
Canada	22,273	8,922	5,674	4,018	4,377	4,095	1,905	1,660	3,533	5,859
Germany	26,841	10,446	6,927	4,615	4,998	5,179	5,446	3,569	3,315	3,167
Australia	9,949	6,675	2,304	2,811	2,038	2,357	1,706	1,037	1,038	1,177
United Kingdom	37,624	26,408	18,575	12,772	11,254	11,602	10,233	9,313	7,876	4,764
Panama	17,805	7,372	4,084	2,332	3,861	3,312	3,178	1,323	1,067	252
Others	212,197	190,002	173,925	154,048	104,189	84,515	78,082	53,877	49,308	51,756

## C. Basic Metals &amp; Articles Thereof

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	8,075,007	10,026,811	10,245,654	11,530,733	10,870,224	11,607,296	13,518,625	11,330,827	12,542,685	14,330,427
U.S.A.	2,528,772	2,619,402	2,603,161	2,833,979	3,039,287	3,308,042	3,650,758	2,924,376	3,011,380	2,936,562
Thailand	240,584	321,498	295,159	315,906	211,709	265,479	278,410	250,778	266,849	276,539
Hong Kong	1,503,887	2,137,590	2,473,924	2,908,914	2,708,075	2,903,921	3,597,125	3,121,145	3,451,908	2,972,841
Philippines	92,178	125,752	198,241	235,500	175,299	188,239	187,775	156,806	150,546	154,662
Japan	1,049,429	1,281,580	1,119,881	1,240,638	913,139	952,467	1,105,213	827,634	776,964	863,221
Canada	208,524	224,303	217,910	253,373	256,371	306,017	350,740	262,723	317,970	319,764
Indonesia	102,780	169,161	161,746	201,631	73,649	101,722	149,697	133,020	166,322	183,495
Germany	269,832	375,549	344,316	352,390	339,441	322,860	340,513	274,099	239,862	284,055
Singapore	245,571	325,297	316,911	341,678	225,191	243,092	251,520	199,332	195,407	214,792
Others	1,833,450	2,446,679	2,514,405	2,846,724	2,928,063	3,015,457	3,606,874	3,180,914	3,965,477	6,124,496

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	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	5,674,337	9,094,820	9,580,882	#####	#####	#####	#####	#####	#####	#####
U.S.A.	1,567,399	2,571,359	2,373,384	2,498,608	2,244,745	2,540,117	3,010,027	1,731,209	1,611,398	1,595,802
Hong Kong	1,184,192	1,754,137	1,830,140	2,730,526	2,785,962	4,072,424	5,987,830	5,136,111	7,212,415	7,868,777
Japan	488,440	866,354	945,616	1,345,489	1,222,770	2,011,747	3,627,198	2,449,923	2,191,585	2,447,208
Netherlands	409,528	511,579	627,507	792,684	832,034	971,222	1,195,486	826,119	629,707	463,336
Singapore	701,024	1,297,236	1,501,757	1,508,063	1,181,874	1,439,971	2,720,347	1,958,012	2,081,983	2,620,125
Germany	155,947	173,782	123,714	138,301	126,349	224,841	340,470	263,136	174,431	269,307
Korea, Rep. of	262,540	496,335	565,497	593,222	586,636	879,145	1,493,895	1,230,769	1,500,369	1,753,757
United Kingdom	141,508	221,959	244,398	227,546	188,410	199,443	215,683	92,384	104,562	117,480
France	62,117	119,588	133,204	113,745	103,903	105,008	185,150	69,926	49,647	70,352
Others	701,642	1,082,491	1,235,665	1,483,870	1,691,922	2,764,830	4,286,590	2,710,599	3,302,071	7,025,411

E. Transmission Apparatus for Radio-Telephony, Radio-Telegraphy  
Radio-Broadcasting or Television

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	3,440,840	3,409,532	3,260,317	2,472,716	1,933,924	2,052,504	3,104,236	2,798,353	3,651,099	5,561,289
U.S.A.	1,201,226	1,111,670	999,874	715,983	619,991	696,583	1,103,072	815,558	876,674	161,484
Germany	195,876	171,446	138,236	85,899	64,556	78,570	111,616	227,828	176,239	50,202
Japan	256,811	344,132	364,295	164,345	101,519	182,320	213,863	211,764	225,163	25,786
Hong Kong	385,985	386,664	337,966	324,193	309,081	281,416	564,915	636,813	611,094	65,904
Singapore	102,367	105,861	103,945	75,851	35,304	36,188	107,627	98,172	178,763	48,312
United Kingdom	114,085	87,766	110,380	110,443	102,716	128,446	174,982	144,659	198,601	31,573
Netherlands	287,775	267,684	247,684	229,630	86,222	120,168	156,249	93,086	95,303	37,534
Others	896,715	934,309	957,937	766,372	614,535	528,813	671,912	570,473	1,289,262	5,140,494

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

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

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	621,156	707,139	768,534	802,282	647,041	658,027	785,457	613,538	561,376	565,139
U.S.A.	155,859	126,864	127,333	113,094	91,872	101,215	111,449	78,989	83,772	8,541
Hong Kong	209,308	269,569	298,952	342,722	288,552	281,878	309,239	218,641	185,776	14,642
Singapore	57,639	67,383	69,080	69,447	42,316	23,458	32,964	33,508	30,211	1,860
Japan	53,906	64,689	69,663	72,175	55,931	64,879	82,088	60,809	47,191	3,451
Saudi Arabia	4,723	2,719	4,961	3,218	2,471	2,245	1,424	1,504	1,560	46
Philippines	10,502	16,292	17,549	25,827	18,463	18,251	16,007	15,171	12,144	659
Others	129,219	159,623	180,996	175,799	147,436	166,101	232,286	204,916	200,722	535,940

## G. Not Motorised Cycles and Other Cycles

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	1,023,531	1,098,124	1,022,591	938,825	1,021,093	889,015	909,352	599,025	572,429	636,172
U.S.A.	317,254	370,870	315,590	278,698	352,893	290,975	274,022	170,220	181,705	14,701
Germany	103,130	97,075	77,350	65,236	60,230	67,089	77,539	41,940	40,377	8,466
Netherlands	77,485	76,483	90,266	76,930	101,520	57,654	73,889	42,430	37,976	6,224
Japan	130,509	167,397	109,897	93,616	86,327	106,924	135,595	95,181	67,920	3,253
France	7,726	17,399	33,414	28,512	20,318	13,393	14,817	5,308	5,937	909
United Kingdom	40,658	53,811	53,540	74,611	83,479	86,917	76,938	49,009	50,320	4,137
Canada	22,777	30,426	26,694	23,723	24,130	21,137	25,638	23,760	24,056	4,713
Australia	22,591	20,595	20,445	21,866	21,171	20,238	18,513	13,984	16,568	2,260
Others	301,401	264,068	295,395	275,633	271,025	224,688	212,401	157,193	147,570	591,509

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

## H. Machinery &amp; Electrical Equipment

Unit: US\$ 1,000

Destination	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	37,810,125	48,829,193	53,727,243	58,990,877	55,273,897	64,162,045	82,561,562	66,851,545	70,633,430	75,352,363
U.S.A.	11,499,239	14,014,296	14,942,115	17,462,948	17,254,869	18,514,010	21,445,633	16,414,264	15,394,061	14,773,396
Hong Kong	6,940,331	8,471,548	9,267,250	10,702,454	9,776,285	11,082,263	14,583,633	12,702,691	15,717,248	14,726,581
Japan	2,636,892	4,511,644	5,222,651	4,990,402	4,327,895	6,524,933	10,162,338	7,517,107	6,891,447	6,580,878
Canada	554,084	574,090	587,412	726,648	718,695	853,531	870,710	708,609	624,182	545,000
Germany	1,822,977	2,300,593	2,233,676	2,296,400	2,478,681	2,760,664	3,521,756	3,404,216	2,880,850	3,113,331
Netherlands	1,667,190	2,338,236	2,945,794	3,383,037	3,409,477	3,377,186	4,055,991	3,547,284	3,139,077	3,378,028
Singapore	2,098,609	2,998,897	3,245,541	3,444,305	2,353,875	2,793,487	4,297,927	3,141,252	3,389,280	3,946,613
Thailand	1,208,942	1,545,950	1,449,352	1,280,752	958,399	932,017	1,194,912	955,359	1,030,979	1,259,830
Belgium	172,963	188,856	243,839	242,740	300,305	256,759	378,571	258,571	225,973	235,586
Australia	718,637	794,679	809,437	833,795	767,157	838,078	903,294	621,189	786,914	833,768
Indonesia	461,426	619,227	716,069	781,936	252,218	329,465	461,824	375,154	349,133	379,515
Philippines	329,147	501,624	671,596	869,648	886,370	1,393,966	1,721,702	1,011,166	927,971	1,070,070
Others	7,699,688	9,970,553	11,392,511	11,975,812	11,789,671	14,505,686	18,963,271	16,194,683	19,276,315	24,509,767

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

## A. United States

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	24,336,757	26,407,389	26,866,357	29,551,755	29,376,361	30,901,521	34,814,671	27,654,490	26,763,701	25,941,543
Live fish, fresh or chilled	107,770	124,701	130,609	145,865	192,464	122,469	112,160	145,163	111,538	110,752
Textile products	2,642,838	2,466,424	2,462,476	2,615,641	2,599,274	2,484,135	2,590,646	2,177,640	1,923,358	1,887,287
Wood, bamboo and rattan products	231,604	195,940	165,784	163,408	143,869	131,553	122,901	96,342	89,233	80,291
Plywood	20,081	10,571	14,115	11,746	9,774	10,424	11,283	8,498	7,921	7,181
Leather, fur & articles thereof	271,544	231,376	188,169	184,220	157,958	132,894	117,264	84,831	51,431	41,043
Rubber & plastic products	1,187,198	1,194,967	1,154,782	1,191,784	1,186,645	1,249,840	1,364,036	1,220,896	1,320,875	1,361,438
Footwear	406,303	315,661	207,863	128,236	96,152	75,581	47,236	36,511	42,347	36,001
Basic metals & articles thereof	2,528,772	2,619,402	2,603,161	2,833,979	3,039,287	3,308,042	3,650,758	2,924,376	3,011,380	2,936,562
Machinery & electrical equipment	11,499,239	14,014,296	14,942,115	17,462,948	17,254,869	18,514,010	21,445,633	16,414,264	15,394,061	14,773,396
Transportation equipment	1,172,510	1,260,502	1,251,736	1,232,577	1,353,213	1,426,083	1,481,634	1,334,212	1,460,319	1,571,488
Toys	102,272	92,229	94,343	95,128	100,025	99,937	123,243	134,855	129,865	148,031
Christmas decorations, etc.	220,473	179,296	118,160	96,418	80,145	75,082	69,005	54,397	52,024	44,031
Others	3,966,234	3,712,595	3,547,159	3,401,551	3,162,686	3,271,471	3,678,872	3,022,505	3,169,349	2,944,042

Source: See Table 11-2c.

## 11-13b. Exports by Countries of Destination (Continued)

## B. Japan

Unit : US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	10,221,109	13,156,727	13,658,783	11,691,036	9,324,024	11,900,347	16,599,441	12,759,023	11,983,829	11,912,505
Bananas, fresh	40,109	30,233	37,909	23,875	29,982	32,702	30,300	14,331	13,354	19,709
Live fish, fresh or chilled	519,260	729,246	670,501	677,899	528,472	546,238	633,334	556,551	638,000	790,933
Meat of swine	1,251,515	1,464,336	1,543,159	218,590	-	0	0	0	0	0
Prepared or preserved fish and caviar	293,246	194,381	147,942	89,401	43,191	21,228	111,175	52,267	38,564	22,772
Textile products	581,843	578,479	585,742	552,306	422,288	399,342	408,451	363,448	329,051	292,516
Wood, bamboo and rattan products	238,698	242,947	212,573	178,730	102,878	105,605	103,856	87,771	79,721	86,310
Plywood	8,640	21,263	20,518	19,174	4,951	5,050	3,480	1,421	1,025	2,206
Rubber and plastic products	573,788	673,980	691,121	668,904	572,137	631,341	694,598	618,137	604,265	672,071
Footwear	136,151	127,482	134,458	97,667	52,382	47,654	41,458	34,135	24,380	17,840
Umbrellas & sunshades	15,713	10,826	8,928	6,279	6,195	3,578	3,334	2,789	2,238	1,608
Basic metals & articles thereof	1,049,429	1,281,580	1,119,881	1,240,638	913,139	952,467	1,105,213	827,634	776,964	863,221
Machinery & electrical equipment	2,636,892	4,511,644	5,222,651	4,990,402	4,327,895	6,524,933	10,162,338	7,517,107	6,891,447	6,580,878
Not motorised cycles and other cycles	130,509	167,397	109,897	93,616	86,327	106,924	135,595	95,181	67,920	50,954
Toys	45,034	60,307	47,126	42,371	34,919	30,004	26,333	20,493	22,293	20,800
Others	2,708,922	3,083,889	3,126,895	2,810,358	2,199,268	2,493,281	3,139,976	2,567,758	2,494,607	2,490,687

11-13c. Exports by Countries of Destination (Continued)

C. Hong Kong

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	21,262,326	26,105,855	26,787,641	28,688,053	24,819,665	26,012,064	31,336,257	26,961,420	30,845,335	28,353,615
Textile products	5,459,457	6,424,182	6,203,464	6,205,588	4,930,624	4,610,451	4,794,819	3,877,825	3,699,085	3,184,322
Plywood	56,391	79,509	92,588	83,071	32,051	17,170	12,011	8,685	6,119	2,865
Basic metals & articles thereof	1,503,887	2,137,590	2,473,924	2,908,914	2,708,075	2,903,921	3,597,125	3,121,145	3,451,908	2,972,841
Rubber & plastic products	2,296,849	3,083,044	2,944,665	2,975,838	2,559,675	2,598,883	3,146,794	2,661,400	2,910,437	2,642,021
Machinery & electrical equipment	6,940,331	8,471,548	9,267,650	10,702,454	9,776,285	11,082,263	14,583,633	12,702,691	15,717,248	14,726,581
Others	5,005,411	5,909,982	5,805,350	5,812,188	4,812,955	4,799,376	5,201,875	4,589,674	5,060,538	4,824,985

D. Canada

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	1,458,206	1,429,521	1,397,373	1,598,162	1,572,926	1,750,548	1,882,170	1,564,291	1,533,601	1,470,440
Textile products	193,316	162,148	156,560	185,891	194,493	181,267	196,389	170,537	147,694	126,197
Plywood	799	1,220	1,601	1,987	1,813	1,505	1,552	2,022	2,535	2,626
Basic metals & articles thereof	208,524	224,303	217,910	253,373	256,371	306,017	350,740	262,723	317,970	319,764
Rubber & plastic products	78,465	79,485	80,013	78,099	75,715	81,545	94,968	83,410	91,143	98,214
Footwear	22,273	8,922	5,674	4,018	4,377	4,095	1,905	1,660	3,533	5,859
Machinery & electrical equipment	554,084	574,090	587,412	726,648	718,695	853,531	870,710	708,609	624,182	545,000
Transportation equipment	96,403	104,319	101,141	99,835	95,501	99,333	116,053	116,768	122,896	145,281
Others	304,342	275,034	247,062	248,311	225,961	223,255	249,853	218,562	223,648	227,499

## 11-13d. Exports by Countries of Destination (Continued)

## E. Germany

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	3,251,303	3,839,174	3,644,109	3,690,558	4,084,468	4,076,559	4,891,367	4,480,354	3,836,042	4,207,534
Textile products	220,598	182,120	166,208	186,219	186,784	171,764	165,697	125,938	130,591	127,522
Leather, fur & articles thereof	20,472	15,017	12,602	13,518	10,484	10,799	8,658	6,732	5,573	5,372
Basic metals & articles thereof	269,832	375,549	344,316	352,390	339,441	322,860	340,513	274,099	239,862	284,055
Rubber & plastic products	156,631	167,146	156,230	142,608	137,437	129,337	133,832	109,420	94,939	125,757
Footwear	26,841	10,446	6,927	4,615	4,998	5,179	5,446	3,569	3,315	3,167
Machinery & electrical equipment	1,822,977	2,300,593	2,233,676	2,296,400	2,478,681	2,760,664	3,521,756	3,404,216	2,880,850	3,113,331
Not motorised cycles & other cycles	103,130	97,075	77,350	65,236	60,230	67,089	77,539	41,940	40,377	52,619
Others	630,822	691,228	646,800	629,572	866,413	608,867	637,926	514,440	440,535	495,711

## F. United Kingdom

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	2,172,524	2,408,718	2,807,366	3,278,220	3,279,786	3,830,282	4,508,534	3,329,299	2,908,843	2,884,294
Textile products	180,297	180,740	209,314	285,604	260,237	231,398	209,493	171,529	147,338	128,069
Basic metals & articles thereof	198,049	231,279	254,406	287,151	341,021	318,607	376,455	321,740	313,574	332,296
Transportation equipment	103,712	124,200	129,700	168,507	182,781	247,518	197,749	166,010	173,145	234,048
Rubber & plastic products	119,323	152,070	135,431	142,296	142,266	146,001	150,387	135,126	141,926	151,769
Machinery & electrical equipment	1,166,819	1,328,876	1,663,759	1,957,841	1,944,893	2,397,634	3,087,383	2,142,901	1,746,381	1,637,922
Wood, bamboo and rattan products	23,979	19,504	17,843	18,113	12,781	14,665	12,809	9,473	6,842	5,693
Others	380,345	372,049	396,913	418,708	395,807	474,459	474,258	382,520	379,637	394,497

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

Unit: US\$ million

Period	Total	Wheat, Barley and Similar Articles Thereof	Maize	Soybean	Prepared Foodstuffs, Beverages and Tobacco Products	Crude Petroleum	Chemicals	Lumber	Pulp, Paper and Printing Products	Textile Products
1981	21,199.6	192.7	499.7	383.2	314.1	4,454.2	1,678.5	625.0	239.6	878.5
1982	18,888.4	211.0	374.9	339.5	327.5	3,870.7	1,650.9	503.5	250.8	889.9
1983	20,287.1	202.0	490.9	370.1	333.9	4,093.7	2,079.7	544.2	304.6	887.1
1984	21,959.1	186.7	476.9	438.2	384.6	3,767.0	2,241.1	534.6	375.8	1,106.1
1985	20,102.0	178.9	422.8	390.8	386.9	3,338.0	2,132.2	400.9	365.7	971.0
1986	24,181.5	156.3	355.3	398.4	409.6	2,042.2	3,049.0	506.8	491.2	1,163.1
1987	34,983.4	148.2	354.3	428.0	679.2	2,530.7	3,945.5	708.0	716.2	1,639.1
1988	49,672.8	194.5	550.1	551.7	864.7	2,204.7	5,341.9	789.8	975.7	1,778.2
1989	52,265.3	217.7	611.6	542.1	1,066.4	2,604.9	5,800.5	763.8	1,116.2	1,954.2
1990	54,716.0	202.7	704.8	512.6	1,100.2	3,180.4	5,838.1	662.9	1,209.3	1,923.7
1991	62,860.5	173.7	733.0	492.3	1,239.0	3,203.8	7,128.0	761.9	1,426.5	2,601.8
1992	72,006.8	191.8	714.8	548.7	1,507.5	3,052.3	7,148.8	933.6	1,578.2	2,731.4
1993	77,061.2	206.9	685.6	619.6	1,650.5	2,960.3	7,564.4	1,027.9	1,638.9	2,761.4
1994	85,349.2	273.9	776.2	646.9	1,859.4	2,745.1	8,964.8	968.4	2,070.6	3,252.7
1995	103,550.0	253.3	960.8	665.9	2,163.6	3,781.9	11,622.5	941.1	2,648.1	3,521.1
1996	102,370.0	286.9	1,168.2	852.2	2,248.8	4,851.7	10,926.9	740.7	2,097.9	3,630.9
1997	114,424.7	242.4	847.2	857.5	2,398.8	5,086.5	11,440.1	770.5	2,081.0	3,654.4
1998	104,665.3	218.6	605.8	531.1	1,988.3	3,530.1	9,950.1	491.8	1,806.9	3,163.5
1999	110,689.9	197.2	533.6	521.0	2,048.2	4,596.3	10,596.3	486.9	1,895.7	2,874.0
2000	140,010.6	212.3	563.0	497.2	2,120.3	8,088.2	13,085.2	486.2	2,168.4	2,896.9
2001	107,237.4	205.4	586.1	502.5	2,052.2	6,808.6	10,231.8	338.7	1,786.9	2,358.6
2002	112,530.1	223.1	590.3	536.2	2,006.9	6,752.5	11,340.2	362.4	1,708.6	2,470.0
2003	127,248.5	230.3	682.5	662.5	2,234.2	9,564.4	13,494.7	382.3	1,924.8	2,399.9

Source: See Table 11-2c.

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

(BY CCC)

Unit: US\$ million

Period	Raw Cotton	Basic Metals and Articles Thereof	Electronic Products	Machinery	Electrical Machinery Products	Information & Communication Products	Household Electrical Appliances	Transportation Equipment	Precision Instruments	Others
1981	324.9	1,881.6	1,274.2	2,116.3	840.8	201.8	52.4	1,331.1	511.7	3,399.3
1982	384.2	1,479.2	1,104.4	1,560.1	731.4	201.2	34.9	1,506.9	484.2	2,983.2
1983	328.2	1,655.7	1,332.6	1,459.6	761.6	219.8	66.0	1,449.3	458.2	3,249.9
1984	424.5	1,838.7	1,796.0	1,933.3	830.6	333.5	81.7	1,107.3	491.4	3,611.1
1985	360.4	1,641.1	1,485.1	1,686.5	635.5	419.5	88.5	1,146.0	482.7	3,569.5
1986	343.3	2,487.3	2,402.6	2,388.6	792.3	617.4	119.7	1,320.0	588.2	4,549.9
1987	528.3	3,600.0	3,810.7	3,789.7	1,085.3	847.4	232.1	2,078.9	867.8	6,992.3
1988	479.5	5,430.8	5,115.8	4,911.0	1,290.4	1,152.1	479.3	3,060.1	1,206.5	13,295.9
1989	420.9	6,776.6	5,302.6	5,175.5	1,672.0	1,317.3	555.0	3,956.2	1,453.1	10,976.7
1990	407.8	5,997.9	5,755.5	5,366.6	1,914.9	1,741.5	544.3	3,882.8	1,543.5	12,226.5
1991	583.0	8,078.4	7,107.1	6,171.6	1,805.9	1,689.6	505.8	3,964.1	1,929.8	13,535.2
1992	408.2	8,358.4	9,050.9	7,293.8	2,089.6	1,920.4	559.5	6,067.6	2,213.8	15,637.5
1993	335.9	9,858.0	10,330.9	7,462.5	2,574.1	1,719.5	572.8	6,315.7	2,548.9	16,227.4
1994	371.2	9,779.6	12,264.2	8,076.6	2,987.9	1,757.5	591.1	6,097.8	3,362.8	18,502.5
1995	509.1	12,938.2	16,821.5	10,347.9	3,558.1	2,274.2	580.8	6,037.9	4,084.6	19,839.4
1996	562.4	10,418.6	16,215.1	11,154.5	3,266.6	2,744.6	499.5	4,554.3	5,265.6	20,884.6
1997	453.1	11,674.3	18,656.7	11,475.1	3,820.9	3,531.8	506.8	5,360.7	6,304.9	25,262.0
1998	485.5	9,502.0	18,055.0	12,050.3	3,969.5	5,296.5	395.3	5,593.6	5,120.3	21,911.1
1999	360.2	9,511.2	19,818.1	13,517.5	4,146.0	8,524.2	421.4	4,022.1	6,123.8	20,496.2
2000	325.3	11,044.1	27,282.7	17,062.8	5,354.4	11,282.6	504.4	4,704.7	9,048.6	23,283.3
2001	305.3	7,783.7	21,026.8	10,489.0	4,282.4	8,119.5	449.1	4,237.8	6,155.7	19,517.3
2002	329.9	9,187.0	23,105.2	9,764.7	4,615.7	8,246.4	566.2	3,469.5	6,560.3	20,695.0
2003	280.7	11,292.0	25,391.9	11,468.6	4,942.7	6,093.9	627.2	3,886.8	8,569.9	23,119.2

## 11-15a. Value of Principal Imports by Origin

## A. Soybeans

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	646,900	665,900	852,200	857,500	531,100	521,000	497,200	502,500	536,200	662,500
U.S.A.	504,622	665,888	850,848	707,237	328,847	492,958	439,300	434,720	467,370	469,412
Others	142,278	12	1,352	150,263	202,253	28,042	57,900	67,780	68,830	193,088

## B. Wheat

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	216,930	226,591	245,394	202,590	186,579	168,468	193,882	173,473	197,558	224,994
U.S.A.	190,616	205,004	210,757	187,109	176,069	155,965	180,847	167,401	167,513	195,300
Canada	0	15,331	17,425	8,903	19	5,999	5,822	0	3,188	0
Others	26,314	6,256	17,212	6,578	10,491	6,504	7,213	6,072	26,857	29,694

## C. Maize (Corn)

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	776,215	960,810	1,168,177	847,162	605,796	533,578	562,987	586,120	590,343	682,339
Thailand	5,665	1,949	2,263	2,983	2,015	1,540	1,468	2,338	3,197	5,259
Argentina	42,129	1,982	33,881	20,503	129,327	957	0	0	22,813	33,067
U.S.A.	722,875	954,109	1,130,463	821,255	474,048	530,181	559,114	577,897	554,547	643,207
Others	5,546	2,770	1,570	2,421	406	900	2,405	5,885	9,786	806

Source: See Table 11-2c.

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

## D. Raw Cotton

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	371,178	509,142	562,405	453,057	485,492	360,152	325,347	305,335	329,945	280,698
U.S.A.	116,968	157,704	92,196	117,447	123,953	71,160	115,513	136,267	134,427	134,615
Cote D 'ivoire	45,057	33,676	33,345	26,828	57,419	65,542	44,585	34,274	25,797	8,098
Australia	12,524	41,985	31,130	35,839	51,789	40,518	34,251	37,525	21,998	7,330
Togo	26,581	29,126	29,342	26,137	56,518	25,241	12,258	16,319	22,236	28,710
Others	170,048	246,651	376,392	246,806	195,813	157,691	118,740	80,950	125,487	101,945

## E. Crude Petroleum

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	2,745,131	3,781,908	4,851,659	5,086,493	3,530,141	4,596,269	8,088,230	6,808,583	6,752,489	9,564,440
Kuwait	242,474	415,149	502,346	484,874	297,511	346,391	859,174	999,422	1,035,612	1,591,884
Saudi Arabia	913,370	1,191,773	1,318,378	1,493,205	925,888	962,648	1,914,833	1,933,585	1,608,558	3,307,553
Indonesia	310,191	297,847	152,676	221,752	137,455	148,342	238,754	130,559	147,036	137,620
Iran	264,724	310,490	497,785	432,283	325,570	465,280	853,818	782,209	671,915	1,705,280
Congo	143,018	304,190	390,432	396,756	276,889	590,254	1,137,994	763,171	340,986	549,773
Australia	92,619	224,443	287,805	285,867	189,971	341,409	646,485	516,408	194,427	38,605
Others	778,735	1,038,016	1,702,237	1,771,756	1,376,857	1,741,945	2,437,172	1,683,229	2,753,955	2,233,725

## F. Basic Metals &amp; Articles Thereof

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	9,779,628	#####	10,418,637	11,674,277	9,501,993	9,511,227	11,044,094	7,783,713	9,187,037	11,291,935
Japan	2,733,138	3,443,824	2,756,480	2,930,518	2,790,891	2,760,471	2,908,296	2,180,335	2,549,330	3,028,887
U.S.A.	650,901	1,091,379	865,318	798,511	567,447	491,549	605,272	455,314	421,852	501,373
Australia	636,015	766,205	710,163	738,690	670,006	680,914	895,016	707,045	703,687	797,659
Mainland China	368,410	1,028,265	607,947	863,202	809,422	839,182	1,200,767	727,207	819,937	1,076,879
Russia	931,988	1,401,780	935,402	1,146,260	785,036	1,105,333	1,210,088	482,706	657,594	1,029,327
South Africa	327,760	433,368	458,085	462,506	418,285	369,345	411,255	350,264	393,589	512,659
Korea, Rep. of	440,534	439,043	349,424	459,446	580,829	509,381	485,249	421,691	409,801	526,702
Others	3,690,882	4,334,376	3,735,818	4,275,144	2,880,077	2,755,052	3,328,151	2,459,151	3,231,247	3,818,449

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

## G. Transportation Equipment

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	6,097,826	6,037,881	4,554,279	5,360,669	5,593,611	4,022,050	4,704,700	4,237,809	3,469,536	3,886,919
Japan	1,908,778	1,933,436	1,318,389	1,536,152	1,598,198	1,379,172	1,615,188	1,009,989	1,148,172	1,517,491
U.S.A.	1,926,916	1,532,032	1,014,147	1,664,242	2,217,417	1,246,861	1,535,976	1,438,337	1,018,169	745,213
United Kingdom	91,726	80,562	82,427	120,484	96,053	80,265	57,795	44,066	40,399	61,646
Germany	1,123,357	1,065,099	853,344	728,766	561,251	524,375	590,958	443,271	522,349	559,103
Others	1,047,049	1,426,752	1,285,972	1,311,025	1,120,692	791,377	904,783	1,302,146	740,447	1,003,466

## H. Chemicals

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	8,964,787	11,622,464	10,926,907	11,440,057	9,950,103	10,596,299	13,085,183	10,231,767	11,340,194	13,494,840
Japan	2,560,789	3,469,863	3,225,891	3,476,910	2,979,868	3,438,343	4,305,244	3,151,251	3,628,826	4,348,091
U.S.A.	2,584,776	3,158,094	2,691,893	2,690,293	2,167,731	2,229,545	2,783,647	1,998,569	2,003,287	2,521,438
Germany	687,256	787,103	789,279	802,747	714,408	737,258	760,097	634,339	730,062	802,535
Korea, Rep. of	328,740	535,918	599,425	686,133	683,856	607,377	982,026	667,038	780,751	1,017,385
Saudi Arabia	245,358	355,256	318,465	291,487	216,240	235,232	338,703	325,958	337,099	391,417
Singapore	202,776	319,396	269,022	294,572	264,932	257,440	387,247	297,518	311,672	454,524
Others	2,355,092	2,996,834	3,032,932	3,197,915	2,923,068	3,091,104	3,528,219	3,157,094	3,548,497	3,959,450

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

I. Machinery & Electrical Equipment

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	27,296,443	35,657,657	35,970,278	41,115,563	42,925,914	50,598,320	66,033,521	47,549,272	50,115,474	52,933,117
Japan	11,816,775	14,923,466	13,613,328	14,278,231	13,944,315	16,697,992	21,477,388	13,498,259	13,545,145	15,775,636
U.S.A.	5,106,827	6,410,537	7,191,675	8,627,686	8,029,158	8,682,117	12,103,294	7,930,089	8,278,563	6,702,551
Hong Kong	706,838	902,881	863,693	1,039,576	1,134,800	1,162,133	1,053,035	877,126	958,591	954,202
Germany	1,809,657	2,361,310	2,057,272	2,369,169	2,525,069	2,840,249	2,724,967	1,927,344	1,937,114	2,099,972
Netherlands	425,335	539,609	720,631	788,993	838,881	886,213	858,669	633,867	355,556	409,055
United Kingdom	318,479	512,303	586,302	631,139	727,387	646,130	812,647	534,316	486,988	417,117
Canada	112,483	165,066	166,030	251,553	232,650	226,883	288,150	277,945	217,328	198,980
Singapore	1,367,397	1,798,539	1,711,724	1,882,761	1,723,584	1,821,463	3,480,433	2,351,947	2,379,454	2,602,987
Switzerland	270,418	312,648	358,114	332,871	508,659	530,388	457,288	313,414	275,788	454,734
Others	5,362,234	7,731,298	8,701,509	10,913,584	13,261,411	17,104,752	22,777,650	19,204,965	21,680,947	23,317,883

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

Unit: US\$ 1,000

Origin	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	10,758,183	15,184,533	15,407,185	17,389,373	16,203,945	17,595,225	23,987,102	18,530,381	20,801,947	23,709,590
Japan	4,438,839	6,237,187	5,748,076	5,055,664	3,876,951	3,863,283	5,074,130	3,114,373	3,594,208	4,116,262
U.S.A.	2,305,463	2,768,766	2,950,176	3,648,817	3,287,412	3,369,268	4,361,508	3,365,907	4,030,545	3,337,651
Malaysia	677,499	1,092,884	1,490,560	1,788,772	1,649,441	1,697,020	2,555,375	2,167,646	2,096,394	2,478,304
Korea, Rep. of	874,737	1,660,947	1,349,241	1,631,949	1,604,305	1,879,999	2,474,866	1,869,609	2,531,570	4,082,049
Hong Kong	322,407	404,116	441,704	580,846	680,910	621,850	583,873	465,206	632,136	640,447
Singapore	708,152	1,008,609	936,381	1,055,634	903,420	1,282,845	1,839,105	1,354,310	1,258,374	1,610,199
Netherlands	244,181	298,508	426,120	654,815	664,285	656,953	633,675	476,430	252,003	293,758
Others	1,186,905	1,713,516	2,064,927	2,972,876	3,537,221	4,224,007	6,464,570	5,716,900	6,406,717	7,150,920

11-16a. Imports by Countries of Origin

A. Japan

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	24,785,822	30,265,880	27,492,964	29,021,671	27,000,942	30,591,002	38,557,916	25,848,396	27,277,300	32,635,401
Textile products	608,836	580,875	505,224	458,853	426,453	407,482	411,909	283,094	274,532	278,937
Machinery & electrical equipment	11,816,775	14,923,466	13,613,328	14,278,231	13,944,315	16,697,992	21,477,388	13,498,259	13,545,145	15,775,636
Transportation equipment	1,908,778	1,933,436	1,318,389	1,536,152	1,598,198	1,379,172	1,615,188	1,009,989	1,148,172	1,517,491
Chemicals	2,560,789	3,469,863	3,225,891	3,476,910	2,979,868	3,438,343	4,305,244	3,151,251	3,628,826	4,348,091
Basic metals & articles thereof	2,733,138	3,443,824	2,756,480	2,930,518	2,790,891	2,760,471	2,908,296	2,180,335	2,549,330	3,028,887
Others	5,157,506	5,914,416	6,073,652	6,341,007	5,261,217	5,907,542	7,839,891	5,725,468	6,131,295	7,686,359

B. United States

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	18,042,642	20,771,393	19,971,851	23,233,847	19,678,880	19,693,076	25,126,194	18,229,222	18,094,344	16,820,073
Soybeans	504,622	665,888	850,848	707,237	328,847	492,958	439,300	434,720	467,370	469,412
Wheat	190,616	205,004	210,757	187,109	176,069	155,965	180,847	167,401	167,513	195,300
Raw cotton	116,968	157,704	92,196	117,447	123,953	71,160	115,513	136,267	134,427	134,615
Machinery & electrical equipment	5,106,827	6,410,537	7,191,675	8,627,686	8,029,158	8,682,117	12,103,294	7,930,089	8,278,563	6,702,551
Chemicals	2,584,776	3,158,094	2,691,893	2,690,293	2,167,731	2,229,545	2,783,647	1,998,569	2,003,287	2,521,438
Transportation equipment	1,926,916	1,532,032	1,014,147	1,664,242	2,217,417	1,246,861	1,535,976	1,438,337	1,018,169	745,213
Basic metals & articles thereof	650,901	1,091,379	865,318	798,511	567,447	491,549	605,272	455,314	421,852	501,373
Others	6,961,016	7,550,755	7,055,017	8,441,322	6,068,258	6,322,921	7,362,345	5,668,525	5,603,163	5,550,171

Source: See Table 11-2c.

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

C. Germany

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	4,784,285	5,683,348	5,023,379	5,369,228	5,149,043	5,312,649	5,542,179	4,245,996	4,421,549	4,964,465
Machinery & electrical equipment	1,809,657	2,361,310	2,057,272	2,369,169	2,525,069	2,840,249	2,724,967	1,927,344	1,937,114	2,099,972
Transportation equipment	1,123,357	1,065,099	853,344	728,766	561,251	524,375	590,958	443,271	522,349	559,103
Chemicals	687,256	787,103	789,279	802,747	714,408	737,258	760,097	634,339	730,062	802,535
Others	1,164,015	1,469,836	1,323,484	1,468,546	1,348,315	1,210,767	1,466,157	1,241,042	1,232,024	1,502,855

D. Australia

Unit: US\$ 1,000

Item	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Total	2,224,988	2,575,298	2,845,058	3,217,348	2,912,959	2,957,093	3,501,489	3,084,943	2,832,557	2,726,586
Raw cotton	12,524	41,985	31,130	35,839	51,789	40,518	34,251	37,525	21,998	7,330
Energy minerals	468,123	693,860	821,446	1,049,694	876,862	865,357	1,205,240	1,080,555	873,910	691,251
Ores & concentrates	142,298	147,105	171,866	255,678	258,683	227,378	260,269	277,168	263,713	302,442
Dairy products	55,546	52,587	56,652	50,047	45,705	55,873	42,208	36,017	30,044	28,769
Chemicals	67,110	87,273	72,450	87,619	97,335	116,818	115,897	127,842	127,469	152,561
Basic metals & articles thereof	636,015	766,205	710,163	738,690	670,006	680,914	895,016	707,045	703,687	797,659
Others	843,372	786,283	981,351	999,781	912,579	970,235	948,608	818,791	811,736	746,574

## **12. U.S. AID**

12-1. Summary of U. S. Aid  
As of December 31, 1970

Unit: US\$ million

Period	Program Amount				Obligation Amount			Arrival Amount		
	Regular Program	Prior Year's Deobligation Fund	Non-project Assistance	Project Assistance	Total	Non-project Assistance	Project Assistance	Total	Non-project Assistance	Project Assistance
FY 1951-54	375.2	-	300.4	74.8	375.2	300.4	74.8	375.2	300.4	74.8
1955	140.6	7.8	105.9	42.5	132.0	96.4	35.6	132.0	96.4	35.6
1956	92.8	15.6	73.3	35.1	101.6	69.5	32.1	101.6	69.5	32.1
1957	112.3	6.3	67.2	51.4	108.1	65.2	42.9	108.1	65.2	42.9
1958	78.8	8.8	53.2	34.5	81.6	51.9	29.7	81.6	51.9	29.7
1959	130.9	8.2	75.0	64.1	128.9	73.7	55.2	128.9	73.7	55.2
1960	99.2	6.9	71.8	34.2	101.1	68.7	32.4	101.1	68.7	32.4
1961	98.0	-	73.0	25.0	94.2	70.4	23.8	94.2	70.4	23.8
1962	70.3	-	63.2	7.1	65.9	59.3	6.6	65.9	59.3	6.6
1963	119.6	-	117.5	2.1	115.3	113.5	1.8	115.3	113.5	1.8
1964	101.7	0.3	43.4	58.6	83.9	37.3	46.6	83.9	37.3	46.6
1965	77.4	-	76.8	0.6	56.5	56.1	0.4	56.5	56.1	0.4
1966	4.2	-	4.2	-	4.2	4.2	-	4.2	4.2	-
1967	4.5	-	4.5	-	4.4	4.4	-	4.4	4.4	-
1968	41.3	-	41.3	-	29.3	29.3	-	29.3	29.3	-
Total	1,546.8	53.9	1,170.7	430.0	1,482.2	1,100.3	381.9	1,482.2	1,100.3	381.9

Source: The data are provided by the Council for Economic Planning and Development, Executive Yuan, R.O.C.

12-2. Program Amount of U.S. Aid  
As of December 31, 1970

Unit: US\$ million

Period	Grand Total		General Economic Aid								Development Loan Fund	Surplus Agricultural Commodities under Public Law 480
	Regular Program	Prior Year's Deobligation	Total	Defense Support or Development Loan			Technical Cooperation or Development Grant-T.C. (1)	Direct Force Support				
				Subtotal	Non-project Assistance or Program Loan	Project Assistance or Project Loan		Subtotal	Non-project Assistance	Project Assistance		
FY 1951-54	375.2	-	374.3	289.1	230.3	58.8	4.1	81.1	69.3	11.8	-	0.9
1955	140.6	7.8	145.8	111.4	77.7	33.7	3.4	31.0	25.6	5.4	-	2.6
1956	92.8	15.6	98.8	83.7	52.4	31.3	3.6	11.5	11.3	0.2	-	9.6
1957	112.3	6.3	97.1	85.5	38.4	47.1	3.9	7.7	7.3	0.4	-	21.5
1958	78.8	8.8	70.4	58.2	27.4	30.8	3.6	8.6	8.5	0.1	-	17.2
1959	130.9	8.2	80.7	71.2	40.6	30.6	3.0	6.5	6.5	-	30.5	27.9
1960	99.2	6.9	77.6	70.5	59.2	11.3	3.3	3.8	3.8	-	19.7	8.8
1961	98.0	-	52.1	47.5	40.7	6.8	2.1	2.5	2.5	-	16.1	29.7
1962	70.3	-	7.1	3.9	-	3.9	3.2	-	-	-	-	63.2
1963	119.6	-	22.1	20.0	20.0	-	2.1	-	-	-	-	97.5
1964	101.7	0.3	71.0	68.9	12.4	56.5	2.1	-	-	-	-	31.0
1965	77.4	-	0.6	-	-	-	0.6	-	-	-	-	76.8
1966	4.2	-	-	-	-	-	-	-	-	-	-	4.2
1967	4.5	-	-	-	-	-	-	-	-	-	-	4.5
1968	41.3	-	-	-	-	-	-	-	-	-	-	41.3
Total	1,546.8	53.9	1,097.6	909.9	599.1	310.8	35.0	152.7	134.8	17.9	66.3	436.7

(1) T.C. = technical cooperation.

Source: See Table 12-1.

12-3. Arrival Amount of U.S. Aid  
As of December 31, 1970

Unit: US\$ million

Period	Grand Total	General Economic Aid								Development Loan Fund	Surplus Agricultural Commodities under Public Law 480
		Total	Defense Support or Development Loan			Technical Cooperation or Development Grant-T.C.	Direct Force Support				
			Subtotal	Non-project Assistance or Program Loan	Project Assistance or Project Loan		Subtotal	Non-project Assistance	Project Assistance		
FY 1951-54	375.2	374.3	289.1	230.3	58.8	4.1	81.1	69.3	11.8	-	0.9
1955	132.0	129.4	97.5	68.9	28.6	2.4	29.5	24.9	4.6	-	2.6
1956	101.6	92.0	78.7	49.9	28.8	3.3	10.0	9.9	0.1	-	9.6
1957	108.1	87.1	77.0	37.7	39.3	3.4	6.7	6.5	0.2	-	21.0
1958	81.6	64.6	53.3	27.1	26.2	3.5	7.8	7.8	-	-	17.0
1959	128.9	71.2	62.2	40.1	22.1	2.6	6.4	6.4	-	30.6	27.1
1960	101.1	74.4	68.2	57.4	10.8	2.4	3.8	3.8	-	19.1	7.6
1961	94.2	50.1	45.7	40.0	5.7	2.0	2.4	2.4	-	16.1	28.0
1962	65.9	6.6	3.9	-	3.9	2.7	-	-	-	-	59.3
1963	115.3	21.6	19.8	19.8	-	1.8	-	-	-	-	93.7
1964	83.9	57.7	56.2	12.1	44.1	1.5	-	-	-	-	26.2
1965	56.5	0.4	-	-	-	0.4	-	-	-	-	56.1
1966	4.2	-	-	-	-	-	-	-	-	-	4.2
1967	4.4	-	-	-	-	-	-	-	-	-	4.4
1968	29.3	-	-	-	-	-	-	-	-	-	29.3
Total	1,482.2	1,029.4	851.6	583.3	268.3	30.1	147.7	131.0	16.7	65.8	387.0

Source: See Table 12-1.

## 12-4a. Arrival Amount of Non-Project Commodity U.S. Aic

*As of December 31, 1970*

Unit: US\$ 1,000

Period	Total	Wheat	Cotton, Raw	Soybeans	Fertilizer	Metals & Manufactures	Machinery & Tools	Lubricant	Chemicals	Tallow
FY 1951	77,893	6,905	11,011	7,757	17,906	2,759	1,492	9,464	5,225	1,336
1952	63,461	6,048	12,366	5,173	17,630	1,366	4,719	4,578	439	-
1953	79,590	10,924	12,716	12,973	12,111	3,861	4,542	4,737	1,933	643
1954	79,493	17,491	22,137	12,731	-	3,750	2,262	4,660	3,392	950
1955	96,390	11,943	21,131	12,668	-	8,019	4,813	9,396	7,001	2,886
1956	69,462	18,503	11,860	10,938	-	2,818	655	1,571	2,559	1,747
1957	65,212	10,162	19,329	10,364	-	2,197	33	1,588	391	2,844
1958	51,883	17,937	14,445	8,752	-	-	23	-	-	2,381
1959	73,666	22,010	19,518	7,400	-	1,798	989	-	1,384	2,763
1960	68,728	2,078	12,892	10,960	2,499	9,443	9,570	-	3,270	2,113
1961	70,422	17,417	9,438	16,352	-	-	6,333	-	-	2,692
1962	59,259	24,874	19,348	-	-	-	-	-	-	2,555
1963	113,440	46,385	15,728	9,040	-	5,984	4,469	991	3,391	6,290
1964	37,319	5,998	11,972	-	-	3,126	1,272	-	4,478	-
1965	56,127	24,160	22,627	-	-	-	-	-	-	2,272
1966	4,217	-	-	-	-	-	-	-	-	-
1967	4,402	1,409	-	-	-	-	-	-	-	-
1968	29,302	1,494	23,101	9	-	-	-	-	-	3,533
Total	1,100,266	245,738	259,619	125,117	50,146	45,121	41,172	36,985	33,463	35,005

Source: See Table 12-1.

## 12-4b. Arrival Amount of Non-Project Commodity U.S. Aid (Continued)

*As of December 31, 1970*

Unit: US\$ 1,000

Period	Milk Powder	Pharmaceuticals	Wheat Flour	Leaf Tobacco	Textile Products	Vehicles & Parts	Paper & Pulp	Bugur Wheat	Rubber & Products	Others
FY 1951	521	1,010	-	1,001	5,157	282	551	-	-	5,516
1952	-	1,491	-	-	3,258	674	-	-	190	5,529
1953	787	709	-	-	5,140	1,317	1,203	-	739	5,255
1954	1,101	2,034	-	-	263	1,563	1,341	-	890	4,928
1955	1,887	6,184	-	-	909	4,345	436	-	819	3,953
1956	817	1,723	-	-	18	1,762	989	-	892	12,610
1957	5,452	-	2,325	1,720	-	676	972	-	589	6,570
1958	1,755	-	1,874	1,743	-	-	-	-	-	2,973
1959	3,562	3,864	2,687	2,674	-	-	799	-	1,205	3,013
1960	1,245	3,722	2,028	-	-	1,396	998	-	1,298	5,216
1961	2,398	3,829	4,228	1,745	-	-	299	-	2,298	3,393
1962	3,094	-	3,279	1,750	-	-	-	-	-	4,359
1963	609	565	2,570	5,173	-	656	1,483	4,294	710	5,102
1964	1,637	-	2,131	-	-	-	1,495	3,101	-	2,109
1965	239	-	1,449	1,285	-	-	-	1,558	-	2,537
1966	958	-	1,179	-	-	-	-	1,359	-	721
1967	1,184	-	357	-	-	-	-	684	-	768
1968	259	-	287	-	-	-	-	-	-	619
Total	27,505	25,131	24,394	17,091	14,745	12,671	10,566	10,996	9,630	75,171

## 12-5. Arrival Amount of Project-Type U.S. Aid by Industry

As of December 31, 1970

Period	Total	Agriculture	Mining and Mfg.	Electric Power	Transportation	Health & Sanitation	Education	Public Administration	Direct Force Support	General and Misc.
<b>I. Amount (US\$1,000)</b>										
FY 1951	12,938	98	677	5,966	4,958	-	141	-	1,098	-
1952	12,313	252	3,772	5,879	141	4	-	-	2,070	195
1953	20,728	1,885	5,615	6,778	1,796	156	531	8	3,615	344
1954	28,803	1,077	14,839	5,167	1,592	151	179	23	5,046	729
1955	35,646	1,925	10,760	11,174	1,368	941	842	774	4,612	3,250
1956	32,102	941	8,443	7,139	5,285	1,672	1,129	248	55	7,190
1957	42,890	1,345	11,538	14,244	6,632	1,338	976	103	210	6,504
1958	29,726	1,070	3,636	13,648	5,925	739	1,109	-	-	3,599
1959	55,176	(1) 23,069	9,771	7,211	11,221	347	1,231	-	-	2,326
1960	32,412	1,081	15,336	207	10,978	595	1,081	150	-	2,984
1961	23,805	767	3,286	16,813	412	448	932	192	-	955
1962	6,629	327	4,313	-	74	462	668	-	-	785
1963	1,825	163	370	-	95	6	279	271	-	641
1964	46,589	256	217	45,053	73	-	66	235	-	689
1965	371	59	72	-	-	-	-	-	-	240
Total	381,953	34,315	92,645	139,279	50,550	6,859	9,164	2,004	16,706	30,431
<b>II. Percentage (%)</b>										
FY 1951	100.0	0.8	5.2	46.1	38.3	-	1.1	-	8.5	-
1952	100.0	2.1	30.6	47.7	1.2	-	-	-	16.8	1.6
1953	100.0	9.1	27.1	32.7	8.7	0.7	2.6	-	17.4	1.7
1954	100.0	3.7	51.5	18.0	5.5	0.5	0.6	0.1	17.5	2.6
1955	100.0	5.4	30.2	31.4	3.8	2.6	2.4	2.2	12.9	9.1
1956	100.0	2.9	26.3	22.2	16.5	5.2	3.5	0.8	0.2	22.4
1957	100.0	3.1	26.9	33.2	15.5	3.1	2.3	0.2	0.5	15.2
1958	100.0	3.6	12.3	45.9	19.9	2.5	3.7	-	-	12.1
1959	100.0	41.8	17.7	13.1	20.3	0.6	2.3	-	-	4.2
1960	100.0	3.3	47.3	0.6	33.9	1.9	3.3	0.5	-	9.2
1961	100.0	3.2	13.8	70.6	1.8	1.9	3.9	0.8	-	4.0
1962	100.0	4.9	65.1	-	1.1	7.0	10.1	-	-	11.8
1963	100.0	8.9	20.3	-	5.2	0.3	15.3	14.9	-	35.1
1964	100.0	0.5	0.5	96.7	0.2	-	0.1	0.5	-	1.5
1965	100.0	15.9	19.4	-	-	-	-	-	-	64.7
Total	100.0	9.0	24.2	36.5	13.2	1.8	2.4	0.5	4.4	8.0

(1) Including Loan for Shihmen Development Program.

Source: See Table 12-1.

12-6. Surplus Agricultural Commodities Under Public Law 480  
*As of December 31, 1970*

Unit: US\$ 1,000

Period	Grand Total	Title I	Title II	Title III	Title IV
FY 1951	-	-	-	-	-
1952	400	-	-	400	-
1953	-	-	-	-	-
1954	500	-	-	500	-
1955	2,600	-	-	2,600	-
1956	9,600	-	-	9,600	-
1957	21,060	9,319	-	11,741	-
1958	16,958	11,788	-	5,170	-
1959	27,132	18,657	-	8,475	-
1960	7,564	-	2,606	4,958	-
1961	27,954	19,650	-	8,304	-
1962	59,259	46,370	4,273	8,616	-
1963	93,689	68,817	2,577	7,860	14,435
1964	26,202	11,972	8,078	6,152	-
1965	56,127	17,395	5,628	3,894	29,210
1966	4,217	-	-	4,217	-
1967	4,402	-	3,639	763	-
1968	29,301	26,533	1,821	947	-
Total	386,965	230,501	28,622	84,197	43,645

Source: See Table 12-1.

12-7a. Uses of Local Currency Aid Fund (1)

As of December 31, 2003

Period	Total	Agriculture	Mining and Mfg.	Electric Power	Transportation	Health & Sanitation	Education	Public Administration	Community Development	Direct Military Force	General and Misc.
<b>I. Amount (NT\$ million)</b>											
FY1952	755.8	198.9	10.5	42.2	89.5	9.8	14.8	6.5	0.2	360.7	22.7
1955	1,180.7	149.2	55.5	135.9	47.1	19.6	18.4	5.5	33.9	580.1	135.5
1960	3,055.6	535.3	561.4	296.3	227.2	52.7	69.9	-	60.5	854.3	398.0
1965	3,898.6	398.6	447.0	183.8	203.2	68.7	29.1	11.1	16.3	1,902.1	638.7
1970	2,173.3	569.0	79.5	300.0	148.5	60.1	277.2	18.4	118.0	-	602.6
1975	2,131.0	410.2	388.2	600.0	27.2	106.3	24.0	34.5	25.0	-	515.6
1976	1,629.4	140.0	172.0	560.0	34.2	341.2	2.0	4.9	26.0	-	349.1
1977	2,045.4	434.0	172.0	600.0	8.7	288.4	16.6	26.0	274.0	-	225.7
1978	2,091.3	439.2	180.0	400.0	6.0	263.6	52.2	35.1	276.0	-	439.2
1979	1,835.2	360.0	132.5	500.0	28.6	27.0	11.0	42.4	208.1	-	525.6
1980	1,837.8	360.0	220.0	400.0	9.8	74.2	1.0	47.0	200.0	-	525.8
1981	1,875.1	361.0	147.2	400.0	12.5	131.8	-	202.7	250.0	-	369.9
1982	1,915.7	380.0	14.0	400.0	-	264.0	1.0	26.9	300.0	-	529.8
1983	2,000.0	380.0	258.0	400.0	-	240.0	-	-	300.0	-	422.0
1984	2,100.0	420.0	280.0	400.0	250.0	236.0	-	-	150.0	-	364.0
1985	2,486.9	422.5	500.0	400.0	-	240.0	-	-	150.0	-	774.4
1986	2,456.9	330.0	315.0	-	-	945.0	14.0	-	-	-	852.9
1987	2,661.2	355.1	30.0	680.0	-	677.0	13.0	-	-	-	906.1
1988	2,666.9	354.5	152.0	900.0	-	280.0	20.5	-	-	-	959.9
1989	2,676.0	352.5	17.0	800.0	31.0	451.9	28.0	-	633.5	-	362.1
1990	2,978.8	378.8	12.0	1,000.0	12.0	561.7	27.0	-	524.3	-	463.0
1991	3,496.3	451.3	206.0	1,000.0	200.0	490.0	27.0	-	450.0	-	672.0
1992	3,926.4	496.4	6.0	1,000.0	400.0	848.3	33.0	-	533.3	-	609.4
1993	3,982.3	483.7	-	500.0	217.0	893.2	30.0	-	1,276.6	-	581.8
1994	2,989.1	394.4	-	-	121.1	874.8	27.0	-	1,234.4	-	337.4
1995	2,984.6	393.1	-	-	30.0	940.0	67.0	-	1,093.3	-	461.2
1996	2,972.6	389.3	-	500.0	4.6	830.3	45.2	-	388.8	-	814.4
1997	2,959.3	384.7	-	500.0	4.8	950.0	40.0	-	470.2	-	609.6
1998	2,987.0	391.8	-	600.0	5.0	833.7	26.0	-	485.3	-	645.2
1999	2,991.1	394.0	-	500.0	-	838.0	30.6	-	616.7	-	611.8
2000 (2)	4,490.2	592.6	-	500.0	-	1,184.5	31.4	-	1,381.7	-	800.0
2001	2,985.9	395.0	-	500.0	-	656.0	120.9	-	914.0	-	400.0
2002	2,166.5	269.6	-	400.0	-	410.0	18.9	-	668.0	-	400.0
2003	2,172.9	291.4	-	500.0	-	506.9	22.5	-	402.1	-	450.0
<b>Total</b>	<b>126,216.5</b>	<b>20,839.2</b>	<b>7,797.1</b>	<b>21,196.4</b>	<b>4,924.3</b>	<b>17,299.0</b>	<b>2,593.5</b>	<b>716.3</b>	<b>14,724.9</b>	<b>10,954.0</b>	<b>25,171.8</b>

(1) Program figures.

(2) From July 1, 1999 to December 31, 2000.

Source: See Table 12-1.

12-7b. Uses of Local Currency Aid Fund (Continued)  
As of December 31, 2002

Period	Total	Agriculture	Mining and Mfg.	Electric Power	Transportation	Health & Sanitation	Education	Public Administration	Community Development	Direct Military Force	General and Misc.
II. Percentage (%)											
FY1952	100.0	26.3	1.4	5.6	11.8	1.3	2.0	0.9	0.03	47.7	3.0
1955	100.0	12.6	4.7	11.5	4.0	1.7	1.5	0.5	2.9	49.1	11.5
1960	100.0	17.5	18.4	9.7	7.4	1.7	2.3	-	2.0	28.0	13.0
1965	100.0	10.2	11.5	4.7	5.2	1.8	0.7	0.3	0.4	48.8	16.4
1970	100.0	26.2	3.7	13.8	6.8	2.8	12.8	0.8	5.4	-	27.7
1975	100.0	19.2	18.2	28.2	1.3	5.0	1.1	1.6	1.2	-	24.2
1976	100.0	8.6	10.6	34.4	2.1	20.9	0.1	0.3	1.6	-	21.4
1977	100.0	21.2	8.4	29.3	0.4	14.1	0.8	1.3	13.4	-	11.1
1978	100.0	21.0	8.6	19.1	0.3	12.6	2.5	1.7	13.2	-	21.0
1979	100.0	19.6	7.2	27.3	1.6	1.5	0.6	2.3	11.3	-	28.6
1980	100.0	19.6	12.0	21.8	0.5	4.0	0.1	2.5	10.9	-	28.6
1981	100.0	19.3	7.9	21.3	0.7	7.0	-	10.8	13.3	-	19.7
1982	100.0	19.8	0.7	20.9	-	13.8	0.1	1.4	15.7	-	27.6
1983	100.0	19.0	12.9	20.0	-	12.0	-	-	15.0	-	21.1
1984	100.0	20.0	13.3	19.1	11.9	11.2	-	-	7.2	-	17.3
1985	100.0	17.0	20.1	16.1	-	9.7	-	-	6.0	-	31.1
1986	100.0	13.4	12.8	-	-	38.5	0.6	-	-	-	34.7
1987	100.0	13.3	1.1	25.6	-	25.4	0.5	-	-	-	34.1
1988	100.0	13.3	5.7	33.7	-	10.5	0.8	-	-	-	36.0
1989	100.0	13.2	0.6	29.9	1.2	16.9	1.0	-	23.7	-	13.5
1990	100.0	12.7	0.4	33.6	0.4	18.9	0.9	-	17.6	-	15.5
1991	100.0	12.9	5.9	28.6	5.7	14.0	0.8	-	12.9	-	19.2
1992	100.0	12.6	0.2	25.5	10.2	21.6	0.8	-	13.6	-	15.5
1993	100.0	12.1	-	12.6	5.4	22.4	0.8	-	32.1	-	14.6
1994	100.0	13.2	-	-	4.0	29.3	0.9	-	41.3	-	11.3
1995	100.0	13.2	-	-	1.0	31.5	2.2	-	36.6	-	15.5
1996	100.0	13.1	-	16.8	0.2	27.9	1.5	-	13.1	-	27.4
1997	100.0	13.0	-	16.9	0.2	32.1	1.4	-	15.9	-	20.6
1998	100.0	13.1	-	20.1	0.2	27.9	0.9	-	16.2	-	21.6
1999	100.0	13.2	-	16.7	-	28.0	1.0	-	20.6	-	20.5
2000	100.0	13.2	-	11.1	-	26.4	0.7	-	30.8	-	17.8
2001	100.0	13.2	-	16.7	-	22.0	4.0	-	30.6	-	13.4
2002	100.0	12.4	-	18.5	-	18.9	0.9	-	30.8	-	18.5
2003	100.0	13.4	-	23.0	-	23.3	1.0	-	18.5	-	20.7
Total	100.0	16.5	6.2	16.8	3.9	13.7	2.1	0.6	11.7	8.7	19.9

12-8. Composition of U.S. Aid Commodities Delivered

Period	Amount (US\$ 1,000)				Percentage (%)			
	Total	Capital Goods	Raw Materials	Consumption Goods	Total	Capital Goods	Raw Materials	Consumption Goods
CY 1950	20,545	435	19,564	546	100.0	2.1	95.2	2.7
1951	56,621	5,827	48,459	2,335	100.0	10.3	85.6	4.1
1952	89,062	7,199	78,867	2,996	100.0	8.1	88.5	3.4
1953	84,007	12,561	69,074	2,372	100.0	15.0	82.2	2.8
1954	87,840	14,529	70,363	2,948	100.0	16.5	80.1	3.4
1955	89,170	16,741	66,147	6,282	100.0	18.8	74.2	7.0
1956	96,486	24,747	65,880	5,859	100.0	25.6	68.3	6.1
1957	98,745	27,532	64,102	7,111	100.0	27.9	64.9	7.2
1958	82,339	19,514	52,867	9,958	100.0	23.7	64.2	12.1
1959	73,424	24,177	44,336	4,911	100.0	32.9	60.4	6.7
1960	90,892	26,245	59,215	5,432	100.0	28.9	65.1	6.0
1961	108,176	36,767	63,054	8,355	100.0	34.0	58.3	7.7
1962	80,110	18,328	56,202	5,580	100.0	22.9	70.1	7.0
1963	76,069	8,228	63,924	3,917	100.0	10.8	84.0	5.2
1964	39,670	2,402	33,311	3,957	100.0	6.0	84.0	10.0
1965	65,908	11,771	50,071	4,066	100.0	17.8	76.0	6.2
1966	34,318	4,874	26,442	3,002	100.0	14.2	77.1	8.7
1967	30,570	10,733	18,102	1,735	100.0	35.1	59.2	5.7
1968	19,801	3,674	15,771	356	100.0	18.6	79.6	1.8
1969	13,803	1,314	12,433	56	100.0	9.5	90.1	0.4
1970	61	-	61	-	100.0	-	100.0	-
Total	1,337,617	277,598	978,245	81,774	100.0	20.8	73.1	6.1

Source: See Table 12-1.

12-9a. Value of U.S. Aid Commodities Delivered

Unit: US\$ 1,000

Period	Total	Mach. & Tools	Ores & Metals	Vehicles	Electric Materials	Logs & Lumber	Cotton, Raw	Wheat & Flour	Soybeans	Fertilizer	Oil Grease & Wax
CY 1950	20,545	-	341	100	335	491	2,013	942	2,476	10,972	340
1951	56,621	477	1,843	2,589	2,754	380	9,799	7,010	3,357	12,334	963
1952	89,062	2,613	5,222	665	3,921	495	11,353	5,503	8,462	22,768	2,853
1953	84,007	4,816	7,041	3,590	4,109	691	14,338	12,494	11,448	7,810	1,538
1954	87,840	10,981	7,678	1,382	2,109	1,750	19,718	16,229	12,895	870	2,528
1955	89,170	11,328	5,851	2,275	3,092	3,240	19,513	12,385	12,344	-4	4,386
1956	96,486	18,548	8,743	3,652	2,461	902	15,357	13,709	9,380	56	5,630
1957	98,745	21,777	7,105	3,092	2,494	729	18,353	17,242	11,495	10	2,728
1958	82,339	13,000	2,829	3,562	2,772	865	17,119	16,443	9,571	-	3,553
1959	73,424	13,333	5,259	5,117	5,086	12	13,598	14,387	6,555	-	2,616
1960	90,892	13,713	11,616	8,576	3,444	-174	12,991	16,232	10,218	1,343	1,440
1961	108,176	21,393	11,946	9,940	4,643	7	12,030	16,931	11,327	1,610	2,807
1962	80,110	14,708	7,138	1,179	1,783	-	16,335	21,816	5,757	-	3,028
1963	76,069	5,761	6,183	883	1,051	-	12,819	26,996	9,049	-	3,967
1964	39,670	1,098	2,886	543	621	-	8,916	13,718	-	-	3,768
1965	65,908	8,378	6,726	166	3,222	-	15,649	22,290	19	-	2,590
1966	34,318	3,532	3,227	660	666	-	8,760	14,211	43	-	153
1967	30,570	9,492	6,918	751	490	-	8,427	2,594	40	-	118
1968	19,801	1,683	432	312	1,598	-	12,019	1,128	7	-	1,796
1969	13,803	865	580	389	51	-	10,353	-	-	-	1,497
1970	61	-	61	-	-	-	-	-	-	-	-
Total	1,337,617	177,496	109,625	49,423	46,702	9,388	259,460	252,260	124,443	57,769	48,299

Source: See Table 12-1.

## 12-9b. Value of U.S. Aid Commodities Delivered (Continued)

Unit: US\$ 1,000

Period	Chemicals	Crude & Fuel Oil	Cotton Yarn	Paper & Pulp	Tobacco Leaf	Pharmaceuticals	Cotton Goods	Rubber & Product	Milk & Product	Books & Instrument	Others
CY 1950	108	1,497	160	69	302	-	149	-	-	-	250
1951	-	6,909	1,280	-	701	329	1,588	-	521	-	3,787
1952	925	9,144	5,334	675	-	1,830	5,148	382	-	18	1,751
1953	828	3,205	1,444	963	-	1,346	4,846	639	402	166	2,293
1954	1,074	2,262	-	1,142	98	807	375	975	1,236	388	3,343
1955	1,738	1,619	-	1,041	-	3,248	-	1,260	1,642	1,069	3,143
1956	2,821	4,234	-	884	-	3,031	-	939	788	1,316	4,035
1957	1,712	-488	-	1,083	1,750	1,574	-	948	1,990	730	4,421
1958	481	683	-	370	1,712	460	3	622	18	1,203	7,073
1959	1,105	-	-	351	747	2,942	-	344	48	581	1,343
1960	2,747	-	-	749	1,933	2,247	-	1,933	15	483	1,386
1961	2,591	-	-	807	1,772	4,308	1	2,591	32	789	2,651
1962	793	20	-	334	1,049	2,993	-	718	397	673	1,389
1963	1,965	-	-	1,249	2,387	785	-	666	30	546	1,732
1964	477	-	-	1,080	1,997	805	-	47	54	133	3,527
1965	92	-	-	513	1,489	3	-	-	1,058	4	3,709
1966	-	-	-	-	1,284	-	-	-	804	14	964
1967	-	-	3	0	-	-	-	2	943	30	762
1968	371	17	-	-	-	-	-	1	211	81	145
1969	-	-	-	-	-	-	-	3	-	9	56
1970	-	-	-	-	-	-	-	-	-	-	-
Total	19,828	29,102	8,221	11,310	17,221	26,708	12,110	12,070	10,189	8,233	47,760

## 12-10. Number of Technical Assistance Participants Dispatched

*As of December 31, 2003*

Unit: persons

Period	Total	Agri- culture	Industry	Trans- portation	Labor	Public Health	Education	Public Adminis- tration	Economic Develop- ment	Tax, Finance & Insurance	Information & High Technology	General and Misc.
1952	14	6	6	2	-	-	-	-	-	-	-	-
1955	239	48	32	12	-	17	59	13	-	-	-	58
1960	270	64	96	17	-	19	50	13	-	-	-	11
1965	40	-	22	2	-	-	-	2	-	-	-	14
1970	67	10	30	4	-	-	-	18	-	-	-	5
1975	50	14	7	10	-	4	-	8	-	-	-	7
1976	60	14	17	10	-	3	1	11	-	-	-	4
1977	43	13	12	4	-	6	-	5	-	-	-	3
1978	54	7	18	5	-	2	-	11	-	-	-	11
1979	45	13	7	2	-	4	1	13	-	-	-	5
1980	64	19	17	5	-	2	2	13	-	-	-	6
1981	53	10	8	4	-	3	7	17	-	-	-	4
1982	62	14	13	2	-	3	13	13	-	-	-	4
1983	56	7	17	3	-	3	9	15	-	-	-	2
1984	78	14	15	3	-	6	14	23	-	-	-	3
1985	84	21	12	3	-	5	15	22	-	-	-	6
1986	83	10	6	1	-	6	17	27	-	-	-	16
1987	90	21	13	3	-	1	20	23	-	-	-	9
1988	103	20	12	1	-	5	14	33	-	-	-	18
1989	82	8	2	1	-	5	15	31	-	-	-	20
1990	90	16	15	3	-	5	14	24	-	-	-	13
1991	90	10	8	-	-	5	12	41	-	-	-	14
1992	115	6	12	6	-	3	11	52	-	-	-	25
1993	113	5	10	2	-	3	17	59	-	-	-	17
1994	95	9	18	3	-	3	7	34	-	-	-	21
1995	415	20	69	9	-	37	36	80	-	-	-	164
1996	404	46	59	10	-	45	10	79	-	-	-	155
1997	329	25	46	13	-	51	37	65	-	-	-	92
1998	249	10	28	13	-	34	8	45	-	-	-	111
1999	158	5	14	14	-	18	6	37	-	-	-	64
2000	209	28	37	12	-	20	9	17	-	-	-	86
2001	119	10	14	23	1	25	-	15	11	11	8	1
2002	125	6	13	25	4	33	5	-	17	2	11	9
2003	103	7	11	15	5	16	4	5	19	6	14	1
Total	6,785	1,198	1,329	371	10	573	776	1,202	47	19	33	1,227

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

## 12-11a. Number of Third Country Participants with Training Completed (1)

*As of December 31, 1979*

Period	Total	Agriculture	Industry	Trans- portation	Public Health	Education	Public Adminis- tration	Community Develop- ment	General
I. By Field of Specialization									
1954	4	-	-	-	-	-	4	-	-
1955	26	11	-	-	15	-	-	-	-
1956	84	34	-	46	1	-	3	-	-
1957	48	24	1	8	-	5	1	-	9
1958	44	20	-	-	-	12	5	4	3
1959	150	117	3	-	7	12	-	8	3
1960	373	200	10	-	52	91	13	7	-
1961	375	216	65	-	24	57	6	6	1
1962	413	206	42	-	29	92	7	32	5
1963	301	125	65	-	30	57	9	6	9
1964	437	204	81	1	34	67	19	21	10
1965	391	198	34	-	24	67	12	51	5
1966	704	370	49	-	43	109	133	-	-
1967	894	389	88	8	58	147	55	145	4
1968	648	246	34	-	149	97	74	48	-
1968	558	192	49	-	145	47	125	-	-
1970	474	133	18	-	180	59	72	12	-
1971	625	221	4	-	196	59	140	5	-
1972	467	241	11	-	129	11	68	4	3
1973	389	212	3	5	86	20	56	-	7
1974	142	23	3	-	73	3	39	-	1
1975	77	45	-	-	24	-	8	-	-
1976	42	21	-	-	18	-	-	-	3
1977	16	16	-	-	-	-	-	-	-
1978	27	20	-	-	1	-	-	-	6
Total	7,709	3,484	560	68	1,318	1,012	849	349	69

(1) Training program terminated in 1979.

Source: See Table 12-1.

## 12-11b. Number of Third Country Participants with Training Completed (Continued)

*As of December 31, 1979*

Period	Total	Cambodia	Japan	Korea, Rep. of	Laos	Turkey	Philippines	Ryukyus	Thailand	Vietnam	Others
II. By Country											
1954	4	-	-	-	-	-	4	-	-	-	-
1955	26	-	-	-	-	-	1	-	9	16	-
1956	84	-	5	10	1	-	10	-	7	50	1
1957	48	9	-	7	-	-	16	-	16	-	-
1958	44	-	-	12	-	-	12	-	16	4	-
1959	150	-	5	28	6	-	22	-	68	21	-
1960	373	3	6	47	24	-	60	23	112	95	3
1961	375	1	5	82	-	-	36	13	145	92	1
1962	413	2	4	30	-	-	33	129	124	85	6
1963	301	1	-	2	-	-	31	161	53	48	5
1964	437	-	-	2	7	-	91	163	91	82	1
1965	391	-	-	13	-	12	35	62	185	81	3
1966	704	-	-	37	-	-	34	229	243	159	2
1967	894	-	-	48	-	-	4	155	301	382	4
1968	648	-	-	42	-	-	10	207	325	63	1
1968	558	-	-	15	-	-	38	180	227	92	6
1970	474	-	-	26	-	-	77	84	109	175	3
1971	625	-	-	15	-	-	33	-	324	250	3
1972	467	-	-	3	-	-	21	-	213	230	-
1973	389	-	-	30	-	-	8	-	105	245	1
1974	142	-	-	18	-	-	16	-	27	80	1
1975	77	-	-	17	-	-	16	-	36	-	8
1976	42	-	-	18	-	-	10	-	-	-	14
1977	16	-	-	-	-	-	10	-	-	-	6
1978	27	-	-	-	-	-	18	-	-	-	9
Total	7,709	16	25	502	38	12	646	1,406	2,736	2,250	78



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

13-1. Direct Foreign Debt of Central Government  
*As of December 31, 2003*

Item	Agreement Amount	Disbursement	Principal Repaid	Outstanding Balance
Total Loan (in US\$ 1,000):	-	-	-	3,798
Principal Direct Obligations:				
A. International Development Association (US\$1,000)	15,756	15,756	11,958	3,798
B. Saudi Fund for Development (SAR 1,000)	411,002	411,002	411,002	0

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

## 13-2. Approved Overseas Chinese and Private Foreign Investment

Unit: US\$ 1,000

Period	Total		Overseas Chinese		Private Foreign	
	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2003)	15,917	56,542,241	2,815	3,916,732	13,102	52,625,509
1952	5	1,067	5	1,067	-	-
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	138,896	80	29,731	71	109,165
1975	85	118,175	44	47,235	41	70,940
1976	98	141,519	53	39,487	45	102,032
1977	102	163,909	52	68,723	50	95,186
1978	116	212,929	50	76,210	66	136,719
1979	123	328,835	50	147,352	73	181,483
1980	110	465,964	39	222,584	71	243,380
1981	105	395,757	32	39,463	73	356,294
1982	132	380,006	50	59,720	82	320,286
1983	149	404,468	49	29,086	100	375,382
1984	175	558,741	74	39,770	101	518,971
1985	174	702,459	67	41,757	107	660,702
1986	286	770,380	80	64,806	206	705,574
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	7,607,739	40	50,384	1,370	7,557,355
2001	1,178	5,128,529	33	47,223	1,145	5,081,306
2002	1,142	3,271,747	25	44,960	1,117	3,226,787
2003	1,078	3,575,656	22	14,917	1,056	3,560,739

Source: Investment Commission, Ministry of Economic Affairs, R.O.C., *Statistics on Overseas Chinese & Foreign Investment, Outward Investment, Indirect Mainland Investment, R.O.C.*, February 2004.

## 13-3. Approved Overseas Chinese Investment by Area

Unit: US\$ 1,000

Period	Total		Hong Kong		Japan		Philippines		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2003)	2,815	3,916,732	1,350	1,045,550	234	182,455	187	1,107,504	1,044	1,581,223
1952	5	1,067	5	1,067	-	-	-	-	-	-
1955	3	176	1	30	1	141	-	-	-	-
1960	6	1,135	4	714	-	194	-	-	-	-
1965	30	6,470	19	2,707	2	304	4	2,138	5	1,321
1970	80	29,731	51	8,341	10	1,242	8	7,747	11	12,401
1975	44	47,235	21	29,532	6	2,969	6	5,996	11	8,738
1976	53	39,487	25	17,326	6	1,632	2	1,805	20	18,724
1977	52	68,723	26	11,326	5	6,137	6	7,737	15	43,523
1978	50	76,210	22	16,501	9	4,533	5	20,578	14	34,598
1979	50	147,352	20	12,871	10	5,006	2	8,285	18	121,190
1980	39	222,584	15	17,949	3	3,061	1	7,745	20	193,829
1981	32	39,463	13	22,622	2	1,415	3	7,202	14	8,224
1982	50	59,720	17	14,102	1	203	1	6,964	31	38,451
1983	49	29,086	23	10,149	4	771	3	829	19	17,337
1984	74	39,770	30	16,781	4	1,599	10	5,744	30	15,646
1985	67	41,757	23	11,216	3	888	5	15,572	35	14,081
1986	80	64,806	35	12,140	3	2,323	6	4,428	36	45,915
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	-	49,398	34	42,881
1994	57	106,790	21	27,009	2	4,788	-	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	-	432	-	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	50,384	5	27,321	5	2,543	-	236	30	20,284
2001	33	47,223	4	17,943	1	132	-	357	28	28,791
2002	25	44,960	3	1,419	2	568	2	406	18	42,567
2003	22	14,917	4	3,684	-	384	-	70	18	10,779

Source: See Table 13-2.

## 13-4. Approved Private Foreign Investment 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 (1952-2003)	13,102	52,625,509	2,352	12,229,488	4,197	11,048,493	1,400	7,752,844	5,153	21,594,684
1952	-	-	-	-	-	-	-	-	-	-
1955	2	4,423	2	4,423	-	-	-	-	-	-
1960	8	14,338	5	14,029	3	309	-	-	-	-
1965	36	35,140	17	31,104	14	2,081	1	43	4	1,912
1970	71	109,165	16	67,816	51	28,530	4	11,694	-	1,125
1975	41	70,940	13	41,857	22	23,234	2	4,193	4	1,656
1976	45	102,032	8	22,236	26	30,760	2	32,796	9	16,240
1977	50	95,186	17	27,833	20	24,145	3	28,001	10	15,207
1978	66	136,719	18	69,765	43	50,336	1	4,468	4	12,150
1979	73	181,483	19	80,375	39	50,462	2	19,766	13	30,880
1980	71	243,380	15	110,093	35	86,081	11	14,428	10	32,778
1981	73	356,294	25	203,213	27	64,623	8	12,636	13	75,822
1982	82	320,286	33	79,606	24	152,164	11	46,570	14	41,946
1983	100	375,382	35	93,294	33	196,770	8	20,745	24	64,573
1984	101	518,971	41	231,175	28	113,978	13	90,973	19	82,845
1985	107	660,702	42	332,760	32	145,236	12	100,010	21	82,697
1986	206	705,574	56	138,428	88	253,596	23	134,837	39	178,713
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	39	209,974	84	399,519
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	197,016	159	1,074,009
1997	639	3,879,166	104	454,319	166	851,139	79	399,957	290	2,173,751
1998	1,059	3,554,037	208	867,198	228	535,371	131	363,156	492	1,788,312
1999	1,053	4,099,024	207	1,114,693	230	508,434	110	460,205	506	2,015,692
2000	1,370	7,557,355	206	1,315,524	312	730,323	130	1,200,305	722	4,311,203
2001	1,145	5,081,306	147	915,608	241	684,722	130	1,181,760	627	2,299,216
2002	1,117	3,226,787	152	573,653	211	608,104	119	609,106	635	1,435,924
2003	1,056	3,560,739	153	678,084	203	725,686	93	634,791	607	1,522,178

Source: See Table 13-2.

13-5. Approved Overseas Chinese and Private Foreign Investment by Industry  
(1952-2003)

Unit: US\$ 1,000

Industry	Total		Overseas Chinese		Private Foreign	
	Cases	Amount	Cases	Amount	Cases	Amount
Total	15,917	56,542,241	2,815	3,916,732	13,102	52,625,509
1. Agriculture & Forestry	35	30,777	18	4,626	17	26,151
2. Food & Beverage Processing	349	1,364,899	123	73,484	226	1,291,415
3. Electronic & Electric Appliances	2,191	13,203,069	211	218,218	1,980	12,984,851
4. Fishery & Animal Husbandry Industry	68	46,027	55	23,400	13	22,627
5. Textiles	158	600,245	76	222,478	82	377,767
6. Paper Products & Printing	97	213,208	37	66,845	60	146,363
7. Chemicals	668	4,332,201	123	106,710	545	4,225,491
8. Non-metallic Minerals	260	873,984	104	293,273	156	580,711
9. Basic Metals & Metal Products	679	2,489,057	110	130,374	569	2,358,683
10. Machinery Equipment	610	1,973,006	76	61,954	534	1,911,052
11. Transportation	348	1,102,756	99	184,485	249	918,271
12. Construction	522	805,245	168	140,573	354	664,672
13. Banking & Insurance	1,011	9,905,902	86	1,347,577	925	8,558,325
14. International Trade	2,358	2,728,422	542	129,214	1,816	2,599,208
15. Services	2,388	6,643,134	330	668,306	2,058	5,974,828
16. Others	4,175	10,230,309	657	245,215	3,518	9,985,094

Source: See Table 13-2.

## 13-6. Approved Outward Investment by Area

Unit: US\$ 1,000

Period	Total		American Countries		Asian Countries		Europe		Others	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1952-2003)	9,844	38,686,272	6,156	26,345,337	2,887	10,223,147	473	1,033,247	328	1,084,541
1959	1	100	-	-	1	100	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-
1965	7	971	-	-	7	971	-	-	-	-
1970	5	527	-	-	5	527	-	-	-	-
1975	5	2,419	-	854	5	1,565	-	-	-	-
1976	8	4,460	5	2,210	3	2,250	-	-	-	-
1977	13	13,789	3	1,650	10	12,139	-	-	-	-
1978	8	5,196	2	3,303	4	1,680	1	97	2	116
1979	12	9,364	2	1,620	10	7,734	-	10	-	-
1980	17	42,105	8	35,130	6	3,170	1	1,000	2	2,805
1981	10	10,764	6	1,795	3	6,738	1	2,231	-	-
1982	4	11,632	2	2,500	2	9,132	-	-	-	-
1983	7	10,563	2	2,858	3	6,561	-	-	2	1,144
1984	22	39,263	17	32,178	4	6,551	-	-	1	534
1985	23	41,334	16	35,830	6	4,206	-	891	1	407
1986	32	56,911	20	46,738	9	8,412	1	194	2	1,567
1987	45	102,751	23	80,250	21	21,302	1	199	-	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	296,372	7	2,333	1	7,850
1990	315	1,552,206	137	838,711	154	602,910	21	96,176	3	14,409
1991	364	1,656,030	154	658,958	176	929,819	28	60,289	6	6,964
1992	300	887,259	100	449,096	156	369,929	36	45,933	8	22,301
1993	326	1,660,935	115	740,110	181	663,514	27	255,913	3	1,398
1994	324	1,616,764	129	988,336	170	559,471	21	22,209	4	46,748
1995	339	1,356,878	134	787,105	175	467,743	16	59,868	14	42,162
1996	470	2,165,404	245	1,442,953	197	661,717	10	11,875	18	48,859
1997	759	2,893,826	521	1,915,948	204	818,743	26	58,508	8	100,627
1998	897	3,296,302	610	2,637,021	226	580,819	50	33,828	11	44,634
1999	774	3,269,013	555	2,267,710	153	836,378	48	60,982	18	103,943
2000	1,391	5,077,062	1,094	3,946,021	222	851,065	42	62,225	33	217,751
2001	1,388	4,391,654	1,080	3,460,902	222	814,981	45	45,594	41	70,177
2002	925	3,370,046	654	2,475,575	182	528,054	32	123,416	57	243,001
2003	714	3,968,588	402	2,731,270	186	1,063,204	42	77,436	84	96,678

Source: See Table 13-2.

13-7. Approved Outward Investment by Industry  
(1952-2003)

Unit: US\$ 1,000

Industry	Cases	Amount
Total	9,844	38,686,272
1. Agriculture & Forestry	25	56,417
2. Food & Beverage Processing	84	513,708
3. Textiles	138	853,941
4. Lumber & Bamboo Products	77	245,639
5. Paper Products & Printing	34	236,731
6. Chemicals	434	1,763,150
7. Non-metallic Minerals	79	425,596
8. Basic Metals & Metal Products	171	984,825
9. Machinery Equipment	115	83,387
10. Electronic & Electric Appliances	2,793	6,583,322
11. Construction	54	154,400
12. International Trade	1,132	1,959,115
13. Banking & Insurance	1,607	16,946,365
14. Transportation	124	1,519,150
15. Services	1,646	2,934,205
16. Others	1,331	3,426,321

Source: See Table 13-2.

13-8a. Principal Statistics on Approved Indirect Mainland Investment  
(By Industry)

Unit: US\$ 1,000

Period	Total		Electronic & Electric Appliances		Food & Beverage Processing		Basic Metals & Metal Products		Plastic Products	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1991-2003)	31,151	34,308,569	5,578	10,999,893	2,433	1,844,303	2,698	2,962,692	2,603	2,307,890
1991	237	174,158	42	31,568	19	19,308	13	9,319	40	22,485
1992	264	246,992	31	34,555	27	46,415	21	10,664	42	44,961
1993	9,329	3,168,411	1,190	445,008	791	324,555	776	256,501	1,008	375,920
1994	934	962,209	148	157,011	73	145,846	79	90,328	82	73,302
1995	490	1,092,713	84	214,796	32	117,447	50	116,805	27	62,736
1996	383	1,229,241	69	276,862	30	121,702	37	128,123	25	63,645
1997	8,725	4,334,313	1,214	875,044	1,151	333,073	754	395,967	706	349,116
1998	1,284	2,034,621	300	758,975	57	70,045	118	126,849	69	64,184
1999	488	1,252,780	190	537,751	19	58,250	28	104,494	25	99,074
2000	840	2,607,142	343	1,464,775	10	43,253	97	183,854	48	184,776
2001	1,186	2,784,147	383	1,254,834	26	58,420	120	193,797	63	156,067
2002	3,116	6,723,058	789	2,618,684	93	152,939	257	631,461	197	398,820
2003	3,875	7,698,784	795	2,330,030	105	353,050	348	714,530	271	412,804

Source: See Table 13-2.

13-8b. Principal Statistics on Approved Indirect Mainland Investment (Continued)  
(By Industry)

Unit: US\$ 1,000

Period	Textiles & Garment & Footwear		Non-metallic Minerals		Chemicals		Precision Instruments		Transport Equipment	
	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount	Cases	Amount
Total (1991-2003)	2,172	1,819,863	1,388	1,723,218	1,938	2,349,801	2,887	1,894,306	994	1,320,916
1991	31	26,823	12	5,714	9	2,977	14	3,982	-	-
1992	40	31,757	9	4,476	17	12,765	28	18,015	12	7,441
1993	906	282,845	413	185,438	607	186,221	1,181	286,492	285	133,992
1994	68	66,938	37	82,607	82	89,346	80	44,162	19	35,692
1995	38	80,701	19	47,016	34	94,571	23	29,454	47	101,987
1996	24	106,631	12	35,940	26	98,830	18	39,898	26	114,125
1997	587	279,395	570	383,641	545	231,183	699	247,249	230	161,362
1998	70	140,673	65	87,872	91	146,810	94	74,617	45	84,216
1999	19	40,856	14	33,752	33	143,015	30	28,073	18	31,940
2000	26	57,192	8	83,524	37	110,783	41	84,797	23	53,347
2001	42	91,799	15	106,981	45	163,784	31	125,997	29	57,413
2002	131	206,460	93	214,841	199	474,358	267	433,348	102	218,448
2003	190	407,793	121	451,416	213	595,158	381	478,222	158	320,953



## **14. EDUCATION**

## 14-1. Number of Schools, Personnel, Classes and Students

School Year	Number of Schools	Number of Personnel	Number of Classes	Number of Students
1952-53	1,769	37,192	22,938	1,187,858
1955-56	2,117	49,397	30,288	1,528,767
1960-61	2,911	76,625	46,669	2,365,260
1965-66	3,335	101,135	60,913	3,101,130
1970-71	3,979	136,948	79,835	3,969,150
1975-76	4,484	166,347	92,820	4,424,778
1976-77	4,527	172,581	94,629	4,454,827
1977-78	4,641	178,813	96,585	4,498,059
1978-79	4,766	184,040	98,591	4,506,796
1979-80	4,890	190,025	100,483	4,548,474
1980-81	5,036	192,565	101,881	4,577,191
1981-82	5,184	197,244	103,394	4,622,209
1982-83	5,394	203,109	105,647	4,705,551
1983-84	5,680	209,071	108,068	4,780,788
1984-85	6,005	214,438	110,573	4,852,282
1985-86	6,227	218,748	112,354	4,924,130
1986-87	6,432	224,705	114,722	5,028,059
1987-88	6,569	229,657	118,168	5,106,772
1988-89	6,639	232,984	120,127	5,180,642
1989-90	6,681	239,171	122,035	5,196,743
1990-91	6,684	245,139	124,120	5,264,571
1991-92	6,727	252,688	126,444	5,308,791
1992-93	6,738	257,149	128,064	5,311,898
1993-94	6,850	262,030	129,188	5,302,525
1994-95	7,000	268,731	130,695	5,260,210
1995-96	7,161	277,945	133,637	5,212,208
1996-97	7,291	284,649	136,127	5,177,670
1997-98	7,496	289,897	138,746	5,182,195
1998-99	7,657	296,842	142,766	5,202,671
1999-2000	7,839	305,571	145,477	5,226,797
2000-01	7,998	312,154	149,207	5,291,355
2001-02 (1)	8,140	317,698	152,098	5,353,877
2002-03	8,222	319,271	154,213	5,376,947
2003-04	8,252	321,758	156,072	5,384,926

(1) Figures for 2001-02 and before refer to the Taiwan area only; those for 2002-03 and after include the Taiwan area, Kinmen and Matsu. The same applies to the following tables in this section.

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

14-2. Number of Schools by Level of Education

School Year	Total	Higher Education	Secondary Education	Primary Education	Pre-School Education	Others (1)
1952-53	1,769	8	214	1,251	264	32
1955-56	2,117	15	249	1,399	413	41
1960-61	2,911	27	361	1,795	675	53
1965-66	3,335	56	546	2,114	553	66
1970-71	3,979	92	874	2,277	566	170
1975-76	4,484	101	966	2,334	759	324
1976-77	4,527	101	975	2,353	770	328
1977-78	4,641	102	984	2,374	848	333
1978-79	4,766	101	991	2,386	947	341
1979-80	4,890	101	995	2,394	1,055	345
1980-81	5,036	104	1,011	2,401	1,164	356
1981-82	5,184	104	1,021	2,417	1,268	374
1982-83	5,394	105	1,025	2,430	1,452	382
1983-84	5,680	105	1,034	2,437	1,701	403
1984-85	6,005	105	1,033	2,447	1,996	424
1985-86	6,227	105	1,039	2,459	2,192	432
1986-87	6,432	105	1,042	2,461	2,375	449
1987-88	6,569	107	1,046	2,447	2,497	472
1988-89	6,639	109	1,050	2,453	2,527	500
1989-90	6,681	116	1,060	2,459	2,535	511
1990-91	6,684	121	1,073	2,462	2,484	544
1991-92	6,727	123	1,082	2,470	2,473	579
1992-93	6,738	124	1,088	2,468	2,398	660
1993-94	6,850	125	1,094	2,481	2,413	737
1994-95	7,000	130	1,100	2,493	2,462	815
1995-96	7,161	134	1,110	2,499	2,559	859
1996-97	7,291	137	1,125	2,495	2,637	897
1997-98	7,496	139	1,138	2,516	2,755	948
1998-99	7,657	137	1,145	2,530	2,849	996
1999-2000	7,839	141	1,158	2,556	2,980	1,004
2000-01	7,998	150	1,161	2,573	3,125	989
2001-02	8,140	154	1,181	2,611	3,234	960
2002-03	8,222	154	1,188	2,627	3,275	978
2003-04	8,252	158	1,192	2,638	3,306	958

(1) Figures here include supplementary schools, schools for the deaf and blind etc., while various kinds of short-term training classes are excluded.

Source: See Table 14-1.

14-3. Number of School Personnel by Level of Education

Unit: Persons

School Year	Total	Higher Education		Secondary Education		Primary Education		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	49,397	1,650	1,759	10,173	3,588	26,831	3,377	1,163	856
1960-61	76,625	3,149	2,359	16,687	5,533	41,080 (1)	4,038 (1)	2,575	1,204
1965-66	101,135	5,622	3,789	26,301	6,869	53,117	1,082	2,670	1,685
1970-71	136,948	10,377	6,146	44,050	9,965	58,981	1,173	3,038	3,218
1975-76	166,347	13,606	7,497	59,988	12,431	62,260	1,381	4,707	4,477
1976-77	172,581	14,548	7,568	61,969	12,599	64,468	1,344	4,990	5,095
1977-78	178,813	15,198	8,125	63,887	12,934	66,438	1,399	5,690	5,142
1978-79	184,040	15,452	8,526	65,890	12,776	67,900	1,450	6,739	5,307
1979-80	190,025	16,129	8,766	68,190	13,041	68,696	1,511	8,164	5,528
1980-81	192,565	16,495	8,926	69,280	13,235	68,627	1,590	8,477	5,935
1981-82	197,244	17,452	9,185	70,668	13,658	69,143	1,728	9,253	6,157
1982-83	203,109	18,258	9,516	72,734	13,937	69,592	1,872	11,066	6,134
1983-84	209,071	19,166	9,946	74,442	14,198	70,191	2,022	13,006	6,100
1984-85	214,438	20,061	10,167	75,337	14,363	71,057	2,104	15,719	5,630
1985-86	218,748	20,848	10,260	76,129	14,705	71,853	2,310	17,243	5,400
1986-87	224,705	21,769	10,332	77,409	14,518	74,433	2,419	18,236	5,589
1987-88	229,657	22,924	10,760	78,293	14,770	75,826	2,584	18,368	6,132
1988-89	232,984	23,809	9,910	79,615	14,742	77,495	2,736	18,994	5,683
1989-90	239,171	25,581	9,166	81,552	14,748	80,460	3,049	19,010	5,605
1990-91	245,139	27,579	9,542	83,837	14,894	82,203	3,208	18,930	4,946
1991-92	252,688	29,444	9,796	86,779	15,163	83,929	3,471	19,043	5,063
1992-93	257,149	31,430	9,827	88,640	15,696	83,677	3,825	18,870	5,184
1993-94	262,030	33,392	10,193	91,277	15,789	83,103	4,294	18,654	5,328
1994-95	268,731	35,163	10,555	93,187	16,188	83,765	4,835	19,363	5,675
1995-96	277,945	36,348	11,009	95,783	16,416	87,554	5,053	19,810	5,972
1996-97	284,649	37,779	11,634	97,997	16,621	89,743	5,072	19,693	6,110
1997-98	289,897	38,806	12,133	98,973	16,854	91,721	5,272	19,902	6,236
1998-99	296,842	40,149	13,172	98,413	17,061	94,639	5,294	21,638	6,476
1999-2000	305,571	41,949	14,176	98,271	17,272	98,350	6,023	23,183	6,347
2000-01	312,154	43,391	15,068	98,234	17,398	101,170	6,248	24,367	6,278
2001-02	317,698	44,769	15,595	98,609	17,590	103,501	7,114	24,222	6,298
2002-03	319,271	46,042	16,469	97,710	17,111	104,300	6,909	24,453	6,277
2003-04	321,758	47,472	17,401	97,738	17,105	103,793	7,018	25,228	6,003

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

Source: See Table 14-1.

14-4. Number of Classes by Level of Education

Unit: Class

School Year	Total	Higher Education		Secondary Education	Primary Education	Pre-School Education	Others
			Graduate School				
1952-53	22,938	288	4	3,029	18,833	601	187
1955-56	30,288	550	21	4,441	23,911	1,039	347
1960-61	46,669	1,124	69	7,494	35,670	1,883	498
1965-66	60,913	2,270	139	13,007	43,003	1,825	808
1970-71	79,835	4,829	279	22,768	47,993	2,060	2,185
1975-76	92,820	6,789	493	30,124	48,933	2,777	4,197
1976-77	94,629	7,041	545	30,921	49,311	2,963	4,393
1977-78	96,585	7,244	571	31,660	49,747	3,213	4,721
1978-79	98,591	7,424	610	32,523	49,988	3,650	5,006
1979-80	100,483	7,603	654	33,503	50,028	4,118	5,231
1980-81	101,881	7,696	666	34,214	50,007	4,529	5,435
1981-82	103,394	7,954	735	34,663	50,296	4,749	5,732
1982-83	105,647	7,963	824	35,704	50,396	5,495	6,089
1983-84 (1)	108,068	6,877	707	37,879	50,783	6,294	6,235
1984-85	110,573	7,106	762	38,245	51,415	7,333	6,474
1985-86	112,354	7,405	812	38,297	52,452	7,601	6,599
1986-87	114,722	7,561	855	38,563	53,622	7,812	7,164
1987-88	118,168	7,840	905	39,294	54,811	8,303	7,920
1988-89	120,127	8,412	1,014	40,318	55,640	8,298	7,459
1989-90	122,035	9,162	1,101	41,595	56,065	8,053	7,160
1990-91	124,120	10,004	1,192	42,695	55,876	8,044	7,501
1991-92	126,444	10,777	1,339	43,782	55,769	8,236	7,880
1992-93	128,064	11,765	1,506	44,517	55,281	8,285	8,350
1993-94	129,188	12,612	1,692	45,460	54,073	8,454	8,589
1994-95	130,695	13,349	1,852	46,123	53,855	8,402	8,966
1995-96	133,637	13,940	1,939	46,805	55,318	8,581	8,993
1996-97	136,127	14,812	2,137	47,356	56,394	8,650	8,915
1997-98	138,746	15,801	2,250	47,600	57,412	8,679	9,254
1998-99	142,766	16,894	2,441	47,161	59,640	9,385	9,686
1999-2000	145,477	18,493	2,934	46,940	61,035	9,446	9,563
2000-01	149,207	20,752	3,302	46,731	62,213	9,965	9,546
2001-02	152,098	22,970	4,210	46,759	63,172	10,144	9,053
2002-03	154,213	25,067	4,855	46,418	63,679	10,233	8,816
2003-04	156,072	27,273	5,819	45,969	64,000	10,417	8,413

(1) Since 1983-84, the number of classes of the first three years in 5-year junior college have been classified as secondary education and thus excluded from higher education.

Source: See Table 14-1.

14-5a. Number of Students by Level of Education

School Year	Total	Higher Education		Secondary Education	Primary Education	Pre-School Education	Others
			Graduate School				
<b>I. Number of Students (persons)</b>							
1952-53	1,187,858	10,037	13	139,388	1,003,304	28,531	6,598
1955-56	1,528,767	18,174	169	212,977	1,237,904	46,390	13,322
1960-61	2,365,260	35,060	437	354,561	1,879,428	79,702	16,509
1965-66	3,101,130	85,346	993	661,961	2,243,503	78,620	31,700
1970-71	3,969,150	203,473	2,295	1,149,529	2,428,585	91,440	96,123
1975-76	4,424,778	289,435	3,912	1,497,848	2,349,603	117,262	170,630
1976-77	4,454,827	299,414	4,501	1,530,745	2,326,866	120,195	177,607
1977-78	4,498,059	308,583	5,156	1,555,028	2,305,560	133,329	195,559
1978-79	4,506,796	317,188	5,443	1,564,663	2,265,708	149,465	209,772
1979-80	4,548,474	329,603	5,610	1,585,341	2,244,362	163,314	225,854
1980-81	4,577,191	342,528	6,306	1,598,028	2,222,595	176,292	237,748
1981-82	4,622,209	358,437	7,355	1,620,165	2,202,904	189,689	251,014
1982-83	4,705,551	375,696	8,492	1,656,086	2,216,855	191,775	265,139
1983-84 (1)	4,780,788	306,575	9,647	1,763,212	2,233,294	212,108	265,599
1984-85	4,852,282	322,269	10,981	1,760,287	2,264,518	232,237	272,971
1985-86	4,924,130	336,243	12,418	1,763,385	2,313,240	232,669	278,593
1986-87	5,028,059	345,736	13,437	1,780,962	2,356,304	236,319	308,738
1987-88	5,106,772	362,001	15,121	1,802,870	2,392,750	248,136	301,015
1988-89	5,180,642	389,619	17,341	1,842,243	2,399,721	246,367	302,692
1989-90	5,196,743	424,434	19,549	1,871,892	2,377,666	240,715	282,036
1990-91	5,264,571	462,492	22,372	1,926,008	2,347,150	235,379	293,542
1991-92	5,308,791	498,131	26,787	1,978,200	2,286,688	233,291	312,481
1992-93	5,311,898	540,454	31,271	2,016,047	2,194,426	229,331	331,640
1993-94	5,302,525	575,391	35,830	2,048,707	2,104,713	236,009	337,705
1994-95	5,260,210	606,388	39,227	2,054,553	2,026,194	233,589	339,486
1995-96	5,212,208	635,471	42,097	2,045,148	1,965,515	238,913	327,161
1996-97	5,177,670	678,553	44,873	2,019,596	1,929,247	234,338	315,936
1997-98	5,182,195	738,500	48,619	1,985,526	1,901,591	229,236	327,342
1998-99	5,202,671	800,464	53,870	1,923,541	1,905,612	237,225	335,829
1999-2000	5,226,797	882,707	67,233	1,861,748	1,922,288	231,058	328,996
2000-01	5,291,355	987,256	83,861	1,812,546	1,921,317	241,543	328,693
2001-02	5,353,877	1,092,878	103,213	1,778,796	1,925,491	246,303	310,409
2002-03	5,376,947	1,157,718	122,130	1,762,533	1,918,034	241,180	297,482
2003-04	5,384,926	1,202,091	143,567	1,745,073	1,912,791	240,926	284,045

(1) See note (1) of Table 14-4.

Source: See Table 14-1.

14-5b. Number of Students by Level of Education (Continued)

School Year	Total	Higher Education		Secondary Education	Primary Education	Pre-School Education	Others
		Graduate School					
<b>II. Percentage of Total Population (%)</b>							
1952-53	14.60	0.12	0.00	1.71	12.34	0.35	0.08
1955-56	16.84	0.20	0.00	2.35	13.63	0.51	0.15
1960-61	21.92	0.32	0.00	3.29	17.42	0.74	0.15
1965-66	24.56	0.68	0.01	5.24	17.77	0.62	0.25
1970-71	27.05	1.39	0.02	7.83	16.55	0.62	0.66
1975-76	27.40	1.79	0.02	9.27	14.55	0.73	1.06
1976-77	26.99	1.81	0.03	9.27	14.10	0.73	1.08
1977-78	26.77	1.84	0.03	9.25	13.72	0.79	1.17
1978-79	26.20	1.84	0.03	9.10	13.17	0.87	1.22
1979-80	26.02	1.88	0.03	9.07	12.84	0.93	1.30
1980-81	25.71	1.92	0.04	8.98	12.48	0.99	1.34
1981-82	25.49	1.98	0.04	8.93	12.15	1.05	1.38
1982-83	25.49	2.04	0.05	8.97	12.01	1.04	1.43
1983-84	25.52	1.64	0.05	9.41	11.92	1.13	1.42
1984-85	25.51	1.69	0.06	9.25	11.91	1.22	1.44
1985-86	25.56	1.75	0.06	9.16	12.01	1.21	1.45
1986-87	25.85	1.78	0.07	9.15	12.11	1.21	1.59
1987-88	25.95	1.84	0.08	9.16	12.16	1.26	1.53
1988-89	26.03	1.96	0.09	9.26	12.06	1.24	1.52
1989-90	25.84	2.11	0.10	9.31	11.82	1.20	1.40
1990-91	25.86	2.27	0.11	9.46	11.53	1.16	1.44
1991-92	25.82	2.42	0.13	9.62	11.12	1.13	1.52
1992-93	25.60	2.60	0.15	9.71	10.57	1.11	1.60
1993-94	25.32	2.75	0.17	9.78	10.05	1.13	1.61
1994-95	24.90	2.87	0.19	9.73	9.59	1.10	1.61
1995-96	24.47	2.98	0.20	9.60	9.23	1.13	1.53
1996-97	24.11	3.16	0.21	9.41	8.99	1.09	1.47
1997-98	23.90	3.41	0.22	9.16	8.77	1.06	1.51
1998-99	23.79	3.65	0.25	8.80	8.71	1.09	1.53
1999-2000	23.72	4.01	0.31	8.45	8.72	1.05	1.49
2000-01	23.82	4.44	0.38	8.16	8.64	1.09	1.48
2001-02	23.90	4.88	0.46	7.94	8.59	1.10	1.39
2002-03	23.88	5.14	0.54	7.83	8.52	1.07	1.32
2003-04	23.82	5.32	0.64	7.72	8.46	1.07	1.26

14-6a. Number of Students Receiving Higher Education by Discipline (1) (2)

Unit: Persons

School Year	Total	Hu- manities	Edu- cation	Agri- culture	Law	Social Science	Natural Science	Engi- neering	Medical Science	Fine Arts	Others
1952-53	10,037	1,919	479	1,231	372	1,939	693	2,590	325	288	201
1955-56	18,174	2,476	1,051	2,038	1,229	4,232	1,129	4,467	712	406	434
1960-61	35,060	6,359	1,650	3,049	1,143	8,832	3,243	6,958	2,725	996	105
1965-66	85,346	10,422	6,453	5,447	1,654	32,751	5,511	12,920	7,149	2,649	390
1966-67	113,855	12,128	7,772	7,253	1,884	44,321	6,360	20,490	10,173	3,474	-
1969-70	184,215	16,491	12,317	10,685	2,748	67,301	9,633	41,562	18,406	5,072	-
1970-71	203,473	19,373	13,809	11,477	2,844	69,470	10,464	49,886	20,689	5,461	-
1971-72	222,505	21,676	16,153	10,990	3,125	73,426	12,051	55,705	21,826	7,553	-
1972-73	251,058	24,101	25,482	10,341	3,235	78,745	13,324	65,944	21,626	8,260	-
1973-74	270,895	26,364	25,602	10,723	3,303	85,610	15,030	76,057	21,239	6,967	-
1975-76	289,435	29,051	21,223	10,341	3,746	91,897	13,796	87,823	21,336	10,222	-
1976-77	299,414	29,704	19,596	10,641	3,931	96,633	14,473	93,625	21,781	9,030	-
1977-78	308,583	29,310	19,119	10,861	4,046	100,635	14,537	98,336	22,318	9,421	-
1978-79	317,188	28,826	19,138	11,130	4,111	102,900	15,141	103,027	23,316	9,599	-
1979-80	329,603	28,842	19,186	11,407	4,218	105,998	15,428	109,843	25,056	9,625	-
1980-81	342,528	28,935	20,394	11,960	4,387	109,062	15,336	115,186	26,641	10,627	-
1981-82	358,437	28,039	17,287	10,453	4,626	115,728	24,379	120,441	28,077	9,407	-
1982-83	375,696	28,575	21,460	9,974	4,794	121,695	22,090	128,771	29,352	8,985	-

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

(2) See note (1) of Table 14-4.

Source: See Table 14-1.

14-6b. Number of Students Receiving Higher Education by Discipline (Continued)

Unit: Persons

School Year	Total	Hu-manities	Edu-cation	Agri-culture, Forestry & Fishery	Law & Jurisprudence	Social & Behavioral Sciences	Natural Science	Engineerin-g	Medical Science	Fine Arts
1983-84	306,575	28,067	15,069	10,394	4,993	16,076	10,689	86,551	21,230	6,056
1984-85	322,269	28,509	17,541	10,749	5,111	16,331	11,151	91,120	23,567	6,352
1985-86	336,243	29,068	18,727	11,139	5,349	16,944	11,703	95,446	24,762	6,705
1986-87	345,736	29,714	16,603	11,825	5,524	17,490	11,984	98,604	26,358	7,152
1987-88	362,001	30,243	17,213	12,389	5,840	18,229	12,473	103,241	27,902	7,654
1988-89	389,619	31,005	21,177	12,827	6,168	19,092	13,130	111,218	29,799	8,294
1989-90	424,434	31,862	25,339	13,089	6,416	20,093	14,093	122,102	33,048	8,688
1990-91	462,492	32,822	27,185	13,661	6,615	21,106	15,041	139,508	37,182	9,006
1991-92	498,131	33,830	26,511	14,220	6,907	22,104	15,993	154,724	41,225	9,047
1992-93	540,454	35,132	32,087	15,609	7,240	22,927	16,567	167,395	44,705	9,112
1993-94	575,391	35,823	33,637	16,196	7,519	23,688	16,823	179,094	48,179	9,130
1994-95	606,388	36,985	33,756	17,355	7,846	24,603	17,640	185,617	51,430	10,148
1995-96	635,471	38,239	32,947	18,183	8,227	25,272	17,751	191,094	53,600	10,741
1996-97	678,553	40,822	33,042	19,078	8,348	25,927	18,618	199,315	59,331	11,850
1997-98	738,500	46,414	32,875	20,250	8,856	27,591	19,919	209,341	65,633	13,835
1998-99	800,464	53,646	34,211	21,380	9,247	28,804	21,058	219,465	71,454	15,105
1999-2000	882,707	63,185	36,921	22,321	10,018	31,172	22,855	236,662	77,298	17,237
2000-01	987,256	73,583	38,510	23,724	10,951	34,159	25,037	257,451	87,671	20,210
2001-02	1,092,878	84,327	40,337	25,634	12,153	37,476	27,308	273,896	96,743	23,454
2002-03	1,157,718	93,052	41,735	26,731	13,372	40,327	29,513	275,705	102,021	26,867
2003-04	1,202,091	101,003	42,548	28,181	14,952	43,239	33,092	274,961	103,823	29,902

14-6c. 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 & Town-plan	Craft & Industry	Math. & Computer Science	Commerce & Business Adminis- tration	Others
1983-84	7,336	2,314	3,641	4,918	4,203	824	11,340	70,493	2,381
1984-85	7,576	2,370	3,885	4,850	4,386	1,398	12,489	72,687	2,197
1985-86	7,742	2,388	3,877	5,099	4,661	1,360	13,640	75,530	2,103
1986-87	7,925	2,432	3,941	5,350	4,688	1,385	14,799	77,889	2,073
1987-88	8,189	2,539	4,022	5,606	5,073	1,385	16,647	81,232	2,124
1988-89	8,625	2,625	4,310	6,280	5,259	1,382	18,558	87,434	2,436
1989-90	8,972	2,879	4,757	7,380	5,497	1,477	20,297	95,557	2,888
1990-91	9,260	3,395	5,190	8,534	6,173	1,537	22,716	100,370	3,191
1991-92	8,904	3,834	5,813	8,933	7,236	1,471	25,332	108,599	3,448
1992-93	8,717	4,350	6,569	9,336	8,743	1,556	28,824	117,891	3,694
1993-94	8,541	5,102	7,055	10,141	9,958	1,557	32,757	126,246	3,945
1994-95	8,814	5,431	7,463	11,821	10,173	1,632	36,733	134,833	4,108
1995-96	9,707	6,099	7,891	14,588	11,271	1,007	40,582	144,157	4,115
1996-97	10,716	6,758	8,237	17,156	11,901	1,080	46,244	155,535	4,595
1997-98	11,590	8,603	8,914	20,332	12,898	1,225	53,721	171,198	5,305
1998-99	12,484	10,641	8,628	25,195	13,662	1,548	62,264	185,499	6,173
1999-2000	13,865	12,653	8,534	30,067	14,917	1,845	72,377	203,239	7,541
2000-01	15,098	15,968	9,107	35,172	16,110	2,137	84,560	229,117	8,691
2001-02	16,899	19,459	10,094	37,923	17,255	2,327	99,217	258,219	10,157
2002-03	18,490	22,540	11,389	42,272	17,224	2,098	112,836	270,455	11,091
2003-04	20,753	25,056	12,531	44,590	17,317	1,661	122,587	273,349	12,546

14-7. Number of Students Receiving High School, Normal and Vocational Education

Unit: Persons

School Year	Total	High School		Normal School	Vocational School								First 3 Years of 5-year Junior College (1)
		Senior	Junior		Subtotal	Agri-cultural	Indus-trial	Com-mercial	Marine Products	Nursing Mid-wifery	Home Eco-nomics	Others	
1952-53	139,388	21,046	71,900	6,350	40,092	14,735	8,868	12,877	1,189	441	1,982	-	-
1955-56	212,977	30,043	115,755	6,782	60,397	23,206	11,279	18,905	1,724	592	4,560	131	-
1960-61	354,561	57,512	205,190	7,522	84,337	24,765	13,030	36,612	1,963	1,083	6,571	313	-
1965-66	661,961	115,898	425,658	3,159	117,246	26,671	17,396	58,444	3,441	1,936	9,358	-	-
1970-71	1,149,529	177,662	795,124	924	175,819	19,175	63,084	76,718	4,937	5,193	6,712	-	-
1975-76	1,497,848	183,692	1,030,296	2,040	281,820	13,056	127,529	120,438	6,293	9,287	5,148	69	-
1977-78	1,555,028	179,792	1,069,314	1,724	304,198	14,521	135,852	130,785	6,409	9,979	6,310	342	-
1978-79	1,564,663	176,383	1,076,081	905	311,294	14,098	140,188	131,483	6,557	9,536	8,589	843	-
1979-80	1,585,341	180,126	1,077,282	374	327,559	14,538	149,150	137,730	6,623	10,376	8,100	1,042	-
1980-81	1,598,028	179,497	1,070,130	232	348,169	15,086	163,597	140,423	6,071	11,000	10,805	1,187	-
1981-82	1,620,165	181,253	1,065,657	113	373,142	16,334	180,908	146,076	5,745	11,073	12,514	492	-
1982-83	1,656,086	185,871	1,077,181	12	393,022	16,809	194,550	149,113	6,038	11,389	14,586	537	-
1983-84 (1)	1,763,212	189,046	1,082,403	-	403,185	17,411	201,126	149,110	6,085	11,620	17,280	553	88,578
1984-85	1,760,287	191,111	1,072,699	-	406,365	17,139	202,468	148,465	5,988	11,836	19,889	580	90,112
1985-86	1,763,385	193,420	1,057,420	-	420,212	17,593	208,994	149,833	5,940	12,196	25,048	608	92,332
1986-87	1,780,962	199,259	1,048,515	-	436,276	18,313	214,987	150,970	6,041	12,496	32,772	697	96,912
1987-88	1,802,870	204,671	1,049,789	-	445,747	19,086	217,160	149,905	5,879	12,770	40,142	805	102,663
1988-89	1,842,243	207,726	1,084,916	-	442,690	19,027	210,206	148,725	5,642	12,926	45,106	1,058	106,911
1989-90	1,871,892	203,151	1,121,368	-	436,743	17,761	214,716	151,849	5,302	14,009	31,841	1,265	110,630
1990-91	1,926,008	207,722	1,156,394	-	447,761	17,319	202,161	159,119	5,626	15,664	46,169	1,703	114,131
1991-92	1,978,200	216,756	1,172,750	-	474,449	17,653	210,771	173,170	6,418	18,546	46,269	1,622	114,245
1992-93	2,016,047	228,541	1,175,509	-	499,289	18,290	219,517	185,307	7,107	20,999	46,421	1,648	112,708
1993-94	2,048,707	237,311	1,183,943	-	513,659	18,694	224,417	192,612	7,500	21,794	47,081	1,561	113,794
1994-95	2,054,553	244,373	1,173,990	-	522,398	18,793	224,821	197,417	7,823	23,850	48,014	1,680	113,792
1995-96	2,045,148	254,052	1,153,440	-	521,780	18,877	221,866	198,956	7,853	24,809	47,676	1,743	115,876
1996-97	2,019,596	266,763	1,117,279	-	518,560	18,798	218,848	199,385	7,716	24,851	47,018	1,944	116,994
1997-98	1,985,526	289,147	1,071,246	-	507,447	18,380	213,444	196,685	7,330	24,409	44,916	1,974	117,686
1998-99	1,923,541	310,541	1,006,093	-	491,450	17,763	205,524	191,268	7,340	24,075	41,590	3,890	115,457
1999-2000	1,861,748	330,300	954,260	-	465,612	16,934	195,642	181,168	7,185	22,574	38,921	3,188	111,576
2000-01	1,812,546	355,216	926,656	-	425,828	14,949	178,979	167,410	6,937	18,615	35,889	3,049	104,846
2001-02	1,778,796	370,980	935,738	-	377,731	13,495	159,718	148,264	6,336	14,025	32,822	3,071	94,347
2002-03	1,762,533	383,509	956,823	-	339,627	11,387	145,134	132,837	5,335	9,773	32,171	2,990	82,574
2003-04	1,745,073	393,689	957,285	-	325,996	10,383	140,347	127,917	4,774	6,576	33,022	2,977	68,103

(1) See note (1) of Table 14-4.

Source: See Table 14-1.

14-8. Percentage of Graduates Enrolled in Next Higher Level of Schools

School Year	% of School-age Children Enrolled in Elementary Schools	% of Elementary School Graduates Enrolled in Junior High Schools (1)	% of Junior High School Graduates Enrolled in Senior High Schools (1)	% of Senior High School Graduates Enrolled in Schools of Higher Education (1)
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	98.01	78.59	82.66	41.92
1975-76	99.29	89.47	65.82	39.80
1976-77	99.42	90.41	61.57	42.39
1977-78	99.57	93.60	60.04	43.59
1978-79	99.64	94.08	60.42	40.43
1979-80	99.68	95.58	62.75	43.96
1980-81	99.72	96.14	65.16	44.64
1981-82	99.76	96.77	68.11	45.39
1982-83	99.79	97.96	71.52	46.03
1983-84	99.81	97.95	69.55	46.40
1984-85	99.82	98.70	70.54	44.36
1985-86	99.85	98.73	71.31	40.19
1986-87	99.87	99.04	77.13	40.98
1987-88	99.89	99.51	79.32	46.26
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	66.64
2000-01	99.94	99.79	95.31	68.74
2001-02	99.95	99.15	95.97	70.73
2002-03	-	99.70	95.48	69.01
2003-04	-	99.83	95.74	74.85

(1) Figures for 1967-68 and before are numbers of students of graduating classes; those for 1968-69 and after are the numbers of actual graduates.

Source: See Table 14-1.

## 14-9. 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	39	48	52	21	46
1960-61	10	50	47	53	21	46
1965-66	15	59	51	52	25	42
1970-71	24	63	50	51	26	41
1975-76	27	65	50	48	25	38
1976-77	27	65	50	47	25	36
1977-78	27	66	49	46	24	35
1978-79	27	66	48	45	24	35
1979-80	28	67	47	45	23	33
1980-81	28	67	47	44	23	32
1981-82	28	67	47	44	23	32
1982-83	28	67	46	44	23	32
1983-84	29	68	46	44	22	32
1984-85	29	68	46	44	22	32
1985-86	29	68	46	44	22	32
1986-87	29	68	46	44	22	32
1987-88	29	68	46	44	22	32
1988-89	29	68	45	43	22	31
1989-90	29	68	45	42	22	30
1990-91	29	68	45	42	22	29
1991-92	30	68	45	41	22	28
1992-93	30	69	45	40	23	26
1993-94	31	69	45	39	22	25
1994-95	31	70	45	38	21	24
1995-96	31	70	43	35	20	22
1996-97	31	69	42	34	19	21
1997-98	31	70	42	33	19	21
1998-99	32	70	41	32	18	20
1999-2000	32	71	39	31	18	20
2000-01	32	72	41	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

Source: See Table 14-1.

14-10. Educational Expenditure Per Student at All Levels (1)

Unit: NTS

School Year	Pre-School Education	Elementary School	Jr. High School	Sr. High School	Sr. Vocational School	Junior College	Univ. & College
1976-77	2,899	3,660	5,669	9,067	10,479	14,706	27,530
1977-78	2,557	4,351	6,122	10,448	11,902	16,939	30,965
1978-79	2,953	5,597	8,068	13,362	16,251	19,528	33,270
1979-80	4,889	7,164	9,770	16,612	20,093	22,717	46,137
1980-81	6,821	8,506	12,855	20,190	24,276	33,658	61,006
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	61,923	84,696	113,833	93,773	118,568	109,253	162,184
2000-2001	62,342	92,549	115,454	90,647	103,072	88,231	169,906
2001-2002	69,583	93,380	113,307	88,024	91,233	83,538	166,860
2002-2003	71,610	94,353	112,178	89,534	102,803	96,832	149,260

(1) Including the figures of areas of Taiwan Province, Kinmen, and Matsu.  
Source: See Table 14-1.

## 14-11. 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
1976	31	1,459	44	1,485
1977	31	1,556	44	1,618
1978	31	1,485	44	1,800
1979	31	1,772	44	1,858
1980	31	1,982	44	2,011
1981	31	2,244	44	2,223
1982	31	2,331	44	2,228
1983	31	2,543	44	2,426
1984	31	2,661	44	2,547
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	357	5,855	238	6,352
1999	381	6,378	238	6,808
2000	445	6,641	260	7,093
2001	454	7,236	267	7,810
2002	474	8,140	273	7,810
2003	708	4,895	949	7,545

(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.

14-12a. Students Studying Abroad

Unit: Persons

Period	Total	Hu- manities	Edu- cation	Fine Arts	Law	Social Science	Natural Science	Engi- neering	Medical Science	Agri- culture	Others
1952-61 Average	558	77	10	11	19	82	47	177	22	60	53
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 14-1.

## 14-12b. Students Studying Abroad (Continued)

Unit: Persons

Period	Total	Humanities	Education	Agriculture, Forestry & Fishery	Law & Juris- prudence	Social & Behavioral Sciences	Natural Science	Engi- neering	Medical Science	Fine Arts
1983 (1)	5,690	724	116	225	91	445	515	1,571	230	104
1984	5,410	659	73	229	61	337	439	1,606	235	89
1985	5,979	768	78	238	112	459	471	1,759	226	113
1986	7,016	862	87	270	120	473	517	2,056	287	125
1987	6,599	781	54	218	103	390	453	2,017	279	144
1988	7,122	902	79	247	116	452	482	1,936	284	159
1989	3,900	453	28	137	49	263	257	1,065	187	99
1990 (2)	94	13	6	6	5	9	6	14	21	-
1991	103	13	11	8	5	19	8	16	5	2
1992	111	20	10	5	4	16	11	11	15	6
1993	148	23	11	13	6	18	11	21	13	12
1994	125	19	9	5	11	17	13	11	14	10
1995	108	12	7	14	7	16	9	17	4	7
1996	89	10	8	6	6	14	11	5	6	7
1997	97	6	6	7	9	18	12	5	5	7
1998	85	10	9	11	9	8	4	7	7	9
1999	59	5	8	1	6	7	3	2	7	8
2000	103	9	14	4	14	13	12	8	10	7
2001	94	11	10	1	10	14	7	6	7	12
2002 (3)	131	4	5	6	8	9	15	3	8	7

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

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

(3) Before 2002, the data referred to students actually studying abroad; since 2002, it refers to those awarded government scholarships to study abroad.

## 14-12c. Students Studying Abroad (Continued)

Unit: Persons

Period	Mass Communi- cations	Tourism Service	Transpor- tation & Communi- cations	Home Economics	Archi- tecture & Town- plan	Craft & Industry	Math. & Computer Science	Commerce & Business & Adminis- tration	Others (4)
1983	129	39	79	49	79	18	275	977	24
1984	142	42	68	60	105	11	258	867	129
1985	143	27	103	61	111	3	331	967	9
1986	151	40	95	72	122	16	393	1,199	131
1987	146	37	107	76	110	-	384	1,044	256
1988	153	38	88	89	121	15	484	1,163	314
1989	73	30	59	31	60	13	306	675	115
1990	2	-	-	-	1	-	2	8	1
1991	2	-	-	-	1	-	4	9	-
1992	-	2	2	1	-	-	3	5	-
1993	1	-	3	1	-	-	2	9	4
1994	-	-	1	-	-	1	3	8	3
1995	1	-	1	-	-	-	-	11	2
1996	2	-	2	1	1	-	2	4	4
1997	1	-	2	-	2	-	3	6	8
1998	1	1	-	-	2	-	-	3	4
1999	-	-	1	-	-	-	-	6	5
2000	1	-	-	-	1	-	-	8	2
2001	3	-	1	-	2	-	-	6	4
2002	1	-	1	-	4	-	4	10	47

(4) Since 2002, this column also includes those not grouped by major at the time they were awarded a government scholarship, including post-doctoral researchers, short-term researchers, etc.



## **15. HEALTH AND MEDICAL CARE**

15-1. Number of Health Personnel

Unit: Persons

End of Year	Total	Physicians	Chinese Herb Physicians	Dentists & Assistants	Pharmacists & Assistants	Nurses	Midwives	Medical Laboratory Technicians & Assistants	Medical Radio Technologist & Technicians	Dietitians	Physical Therapists & Assistants	Occupational Therapists & Assistants
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	-	-	-	-	-
1976	32,008	9,926	1,435	1,532	7,774	8,560	2,781	-	-	-	-	-
1977	34,743	10,545	1,552	1,731	8,793	9,182	2,940	-	-	-	-	-
1978	36,191	10,939	1,546	1,772	9,284	9,749	2,901	-	-	-	-	-
1979	39,614	11,554	1,615	1,954	10,353	11,256	2,882	-	-	-	-	-
1980	42,417	11,748	1,590	2,090	11,932	11,659	2,904	494	-	-	-	-
1981	45,696	11,957	1,682	2,307	12,955	13,196	2,871	728	-	-	-	-
1982	49,899	12,623	1,758	2,609	14,056	15,176	2,945	732	-	-	-	-
1983	52,648	12,817	1,852	2,834	14,480	16,778	2,820	1,067	-	-	-	-
1984	57,404	13,383	1,799	3,115	15,201	19,898	2,605	1,403	-	-	-	-
1985	66,278	15,039	1,892	3,433	16,300	24,248	2,408	1,982	976	-	-	-
1986	69,339	15,767	2,057	3,864	16,230	26,015	2,456	2,214	736	-	-	-
1987	77,246	17,045	2,324	4,269	17,599	30,174	2,380	2,540	915	-	-	-
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	298	-	-
1996	123,829	24,790	2,992	7,332	19,667	61,494	774	5,034	1,453	293	-	-
1997	137,829	25,730	3,299	7,650	21,246	69,665	782	5,389	2,266	515	1,287	-
1998	144,070	27,168	3,461	7,993	22,761	71,215	704	5,583	2,485	575	1,720	405
1999	152,385	28,216	3,546	8,304	23,937	75,603	649	6,015	2,500	656	2,290	669
2000	159,212	29,585	3,733	8,656	24,404	79,176	558	6,230	2,761	743	2,620	746
2001	165,855	30,562	3,979	9,012	24,891	82,763	518	6,542	3,152	778	2,790	868
2002	175,444	31,532	4,101	9,273	25,355	89,568	490	6,725	3,410	845	3,084	1,061
2003	183,103	32,390	4,266	9,618	25,033	95,271	476	7,055	3,557	895	3,373	1,169

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

15-2. 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
1977	3.7	1,733	3.0	1,377	444
1978	3.6	1,711	2.9	1,360	464
1979	3.5	1,663	2.7	1,314	477
1980	3.3	1,624	2.7	1,323	446
1981	3.2	1,610	2.6	1,318	408
1982	3.1	1,575	2.5	1,272	342
1983	3.0	1,556	2.5	1,268	324
1984	3.0	1,559	2.4	1,243	302
1985	3.0	1,553	2.1	1,130	258
1986	3.0	1,608	2.0	1,086	239
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	189
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	164

(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 herb doctors.

Source: See Table 15-1.

## 15-3a. Incidence of Communicable Diseases

Unit: Persons

Period	Cholera	Plague	Yellow Fever	Rabies	Ebola Virus Hemorrhagic Fever	Typhus Fever	Diphtheria	Meningococcal Meningitis
1979	-	-	-	-	-	1	2	2
1980	-	-	-	-	-	-	4	-
1981	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	1	2
1989	-	-	-	-	-	1	-	2
1990	1	-	-	-	-	-	-	1
1991	-	-	-	-	-	1	-	4
1992	-	-	-	-	-	2	-	5
1993	-	-	-	-	-	-	-	8
1994	2	-	-	-	-	-	-	4
1995	3	-	-	-	-	-	-	9
1996	-	-	-	-	-	-	-	16
1997	1	-	-	-	-	-	-	19
1998	-	1	-	-	-	1	-	12
1999	5	-	-	-	-	-	-	13
2000	7	-	-	-	-	-	-	15
2001	-	-	-	-	-	-	-	43
2002	2	-	-	1	-	-	-	46
2003	1	-	-	-	-	-	-	26

Source: See Table 15-1.

## 15-3b. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Typhoid Fever	Paratyphoid Fever	Anthrax	Poliomyelitis	Acute Flaccid Paralysis	Bacillary Dysentery	Amoebic Dysentery	Dengue Fever	Dengue Hemorrhagic Fever / Dengue Shock Syndrome
1979	65		-	3	-	8		-	-
1980	159		-	2	-	5		-	-
1981	76		-	-	-	26		-	-
1982	166		-	-	-	84		-	-
1983	179		-	10	-	130		-	-
1984	132		-	4	-	68		-	-
1985	144		-	1	-	258		-	-
1986	71		-	1	-	101		-	-
1987	80		-	1	-	126		-	-
1988	98		-	-	-	129		-	-
1989	105		-	3	-	218		35	-
1990	81		-	1	-	141		10	-
1991 (1)	68		-	-	-	94	13	175	-
1992	89		-	-	-	88	28	23	-
1993	42		-	-	-	208	380	13	-
1994	48		-	-	50	61	159	244	-
1995	47		-	-	74	563	10	364	5
1996	68		-	-	83	256	7	53	3
1997	54		-	-	141	405	21	75	1
1998	78		-	-	116	425	21	334	14
1999 (2)	50	11	-	-	59	213	52	68	1
2000	42	3	-	-	61	321	323	139	1
2001	59	11	-	-	101	1,328	304	270	11
2002	54	18	-	-	84	436	290	5,387	242
2003	40	15	-	-	65	246	121	145	2

(1) Figures for Dysentery have been decomposed into Bacillary Dysentery and Amoebic Dysentery since 1991.

(2) Figures for Typhoid Fever and Paratyphoid Fever were composed before 1999.

## 15-3c. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Malaria	Measles	EHEC Infection	Enteroviruses Complicated Severe Cases	T.B.				Japanese Encephalitis
					Pulmonary Tuberculosis		Tuberculosis Meningitis	Other Extra Pulmonary Tuberculosis	
					Open Pulmonary Tuberculosis	Non-Open Pulmonary Tuberculosis			
1979	22	-	-	-	-	-	-	-	-
1980	33	-	-	-	-	-	-	-	-
1981	40	-	-	-	-	-	-	-	-
1982	53	-	-	-	-	-	-	-	-
1983	30	-	-	-	-	-	-	-	-
1984	61	-	-	-	-	-	-	-	-
1985	52	-	-	-	-	-	-	-	-
1986	40	-	-	-	-	-	-	-	-
1987	35	-	-	-	7,154	-	-	-	-
1988	46	-	-	-	6,501	-	-	-	-
1989	46	-	-	-	7,351	-	-	-	15
1990	35	-	-	-	7,329	-	-	-	34
1991	30	-	-	-	7,107	-	-	-	35
1992	42	1	-	-	11,765	-	-	-	10
1993	36	2	-	-	10,441	-	-	-	11
1994	35	33	-	-	10,327	-	19	-	13
1995	38	-	-	-	10,815	-	21	-	26
1996	38	-	-	-	12,547	-	32	-	21
1997	47	2	-	-	16,196	-	27	-	6
1998	49	9	-	-	12,987	-	79	2,706	22
1999 (3)	32	-	-	35	7,523	4,821	97	2,588	24
2000	43	5	-	291	8,143	4,774	66	2,784	13
2001	29	9	1	391	8,203	3,512	107	1,744	33
2002	28	24	-	162	9,175	5,075	95	1,744	19
2003	34	6	-	70	8,454	5,334	-	-	25

(3) Figures for Pulmonary Tuberculosis have been decomposed into Open Pulmonary Tuberculosis and Non-Open Pulmonary Tuberculosis since 1999.

15-3d. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Leprosy	Rubella	Congenital Rubella Syndrome	Pertussis	Scarlet Fever	Tetanus	Scrub Typhus	Acute Viral Hepatitis	Mumps
1979	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	5	-	-	-	-
1987	-	-	-	-	27	-	-	-	-
1988	-	-	2	-	20	-	-	-	-
1989	-	-	7	-	27	-	10	-	-
1990	-	-	1	-	55	-	39	-	-
1991	-	-	5	-	15	-	23	-	-
1992	-	-	13	-	34	-	52	-	-
1993	7	-	11	7	11	-	57	19	11
1994	4	6	-	6	219	16	103	410	1
1995	10	2	-	26	105	13	140	958	-
1996	15	3	-	15	199	13	156	553	-
1997	7	4	-	101	168	11	246	464	1
1998	7	5	-	34	232	17	327	577	2
1999	3	2	-	19	166	5	302	497	1
2000	4	29	-	47	510	-	270	294	-
2001	1	17	3	6	556	1	234	786	-
2002	7	4	-	18	1,033	-	237	807	-
2003	3	2	-	26	642	-	272	675	-

## 15-3e. Incidence of Communicable Diseases (Continued)

Unit: Persons

Period	Chicken Pox	Legionellosis	Haemophilus Influenza Type B	Syphilis	Gonorrhea	Influenza	HIV Infection	AIDS	Botulism
1979	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	13	1	-
1988	-	-	-	-	-	-	36	5	-
1989	-	-	-	-	-	-	45	9	-
1990	-	-	-	-	-	-	41	7	-
1991	-	-	-	-	-	-	97	18	-
1992	-	-	-	-	-	-	149	22	-
1993	-	-	-	-	2	-	144	34	-
1994	-	-	-	3,240	263	-	217	66	-
1995	-	-	-	3,054	175	-	266	100	-
1996	-	-	-	3,172	121	-	313	161	-
1997	-	-	-	3,050	95	-	385	133	-
1998	-	-	-	2,407	91	-	447	151	-
1999	-	22	31	3,037	185	-	532	175	-
2000	-	63	46	3,854	361	4	531	158	-
2001	-	38	48	4,237	440	4	681	151	-
2002	-	70	41	4,245	835	5	830	178	-
2003	-	109	22	3,939	1,626	16	915	228	-

15-4a. Leading Causes of Death

Period	Cerebrovascular Disease			Malignant Neoplasms			Accidents & Adverse Effects			Heart Disease			Hypertensive Disease			Chronic Liver Disease & Cirrhosis		
	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate Per 100,000 Persons
1981	1	14,202	79.03	2	13,764	76.59	3	11,616	64.64	4	7,706	42.88	5	3,146	17.51	6	3,075	17.11
1982	2	14,269	77.99	1	14,393	78.66	3	11,045	60.37	4	8,017	43.82	5	3,222	17.61	6	3,101	16.95
1983	2	14,981	80.56	1	15,183	81.65	3	11,204	60.25	4	8,822	47.44	5	3,435	18.47	6	3,181	17.11
1984	2	14,801	78.43	1	15,467	81.95	3	11,559	61.25	4	8,676	45.97	5	3,302	17.50	6	3,143	16.65
1985	2	14,624	76.42	1	16,268	85.02	3	11,284	58.97	4	8,328	43.52	5	3,460	18.08	6	3,153	16.48
1986	2	14,862	76.78	1	16,559	85.55	3	12,187	62.96	4	9,953	51.42	5	3,349	17.30	6	3,218	16.63
1987	2	14,476	73.99	1	17,342	88.64	3	13,024	66.57	4	11,209	57.30	7	3,083	15.76	6	3,260	16.66
1988	2	15,067	76.14	1	18,233	92.14	3	13,730	69.38	4	10,836	54.76	7	3,142	15.88	6	3,532	17.85
1989	2	14,461	72.28	1	18,878	94.36	3	14,047	70.22	4	10,699	53.48	7	2,966	14.83	6	3,550	17.75
1990	2	14,174	70.06	1	18,536	91.63	3	13,928	68.85	4	11,505	56.87	8	2,993	14.79	6	3,606	17.82
1991	2	14,137	69.11	1	19,630	95.97	3	13,636	66.66	4	12,026	58.79	9	2,492	12.18	6	3,601	17.60
1992	2	14,325	69.35	1	20,959	101.47	3	13,152	63.68	4	12,993	62.91	9	2,300	11.14	6	3,748	18.15
1993	2	13,680	65.62	1	22,319	107.05	3	13,270	63.65	4	12,506	59.99	9	2,285	10.96	6	3,755	18.01
1994	2	13,658	64.77	1	23,318	110.58	3	13,219	62.69	4	12,005	56.93	9	2,191	10.39	6	4,163	19.74
1995	2	14,117	66.54	1	25,788	121.56	3	12,963	61.10	4	11,207	52.83	9	2,613	12.32	6	4,456	21.00
1996	2	13,944	65.03	1	27,961	130.41	3	12,422	57.93	4	11,273	52.58	9	2,656	12.39	6	4,610	21.50
1997	2	12,885	59.56	1	29,011	134.10	3	11,297	52.22	4	10,754	49.71	9	2,611	12.07	6	4,767	22.03
1998	2	12,705	58.18	1	29,260	134.00	4	10,973	50.25	3	11,030	50.51	9	2,273	10.41	6	4,940	22.62
1999	3	12,631	57.39	1	29,784	135.32	2	12,960	58.88	4	11,299	51.33	10	1,856	8.43	6	5,180	23.53
2000	2	13,332	60.10	1	31,554	142.23	4	10,515	47.40	3	10,552	47.56	11	1,602	7.22	6	5,174	23.32
2001	2	13,141	58.82	1	32,993	147.68	4	9,513	42.58	3	11,003	49.25	10	1,766	7.90	6	5,239	23.45
2002	2	12,009	53.46	1	34,342	152.88	5	8,489	37.79	3	11,441	50.93	10	1,947	8.67	6	4,795	21.35
2003	2	12,404	54.98	1	35,201	156.01	5	8,191	36.30	3	11,785	52.23	10	1,844	8.17	6	5,185	22.98

Source: See Table 15-1.

15-4b. Leading Causes of Death (Continued)

Period	Bronchitis, Emphysema & Asthma			Pneumonia			Tuberculosis			Nephritis, Nephrotic Syndrome & Nephrosis			Suicide & Self-inflicted Injury			Diabetes Mellitus		
	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons	Rank	No. of Death (Persons)	Death Rate per 100,000 Persons
1981	7	2,845	15.83	8	2,833	15.76	9	2,586	14.39	10	2,329	12.96	11	2,037	11.34	12	1,613	8.98
1982	7	2,730	14.92	9	2,253	12.31	8	2,378	13.00	11	2,122	11.60	10	2,251	12.30	12	1,979	10.82
1983	7	2,730	14.68	12	2,109	11.34	9	2,257	12.14	11	2,156	11.59	10	2,231	12.00	8	2,348	12.63
1984	8	2,479	13.14	12	1,810	9.59	10	2,113	11.20	9	2,130	11.29	11	2,051	10.87	7	2,687	14.24
1985	8	2,676	13.98	12	2,031	10.61	11	2,051	10.72	10	2,207	11.53	9	2,281	11.92	7	2,930	15.31
1986	8	2,644	13.66	9	2,378	12.29	12	1,854	9.58	11	2,134	11.02	10	2,260	11.68	7	2,970	15.34
1987	8	2,506	12.81	9	2,434	12.44	12	1,836	9.38	10	2,113	10.80	11	1,851	9.46	5	3,286	16.80
1988	8	2,666	13.47	9	2,588	13.08	11	1,894	9.57	10	2,064	10.43	12	1,790	9.05	5	3,883	19.62
1989	9	2,551	12.75	8	2,946	14.73	11	1,900	9.50	10	2,094	10.47	13	1,449	7.24	5	3,868	19.33
1990	9	2,478	12.25	7	3,358	16.60	11	1,939	9.58	10	2,304	11.39	13	1,359	6.72	5	3,960	19.57
1991	10	2,176	10.64	7	2,644	12.93	11	1,847	9.03	8	2,527	12.35	12	1,465	7.16	5	4,210	20.58
1992	10	2,085	10.09	8	2,907	14.07	11	1,859	9.00	7	2,935	14.21	13	1,381	6.69	5	4,887	23.66
1993	10	1,854	8.89	8	2,815	13.50	12	1,686	8.09	7	2,859	13.71	13	1,301	6.24	5	5,367	25.74
1994	10	1,880	8.92	8	2,890	13.71	11	1,653	7.84	7	3,211	15.23	13	1,451	6.88	5	6,094	28.90
1995	10	1,990	9.38	8	3,068	14.46	12	1,598	7.53	7	3,515	16.57	11	1,614	7.61	5	7,223	34.05
1996	10	2,036	9.50	8	3,200	14.92	12	1,699	7.92	7	3,547	16.54	11	1,847	8.61	5	7,525	35.10
1997	11	1,946	9.00	7	3,619	16.73	12	1,619	7.48	8	3,504	16.20	10	2,172	10.04	5	7,500	34.67
1998	11	1,987	9.10	7	4,447	20.37	12	1,513	6.93	8	3,435	15.73	10	2,177	9.97	5	7,532	34.49
1999	11	1,806	8.21	7	4,006	18.20	12	1,515	6.88	8	3,474	15.78	9	2,281	10.36	5	9,023	40.99
2000	10	1,604	7.23	8	3,302	14.88	12	1,534	6.91	7	3,872	17.45	9	2,471	11.14	5	9,450	42.60
2001	11	1,589	7.11	8	3,746	16.77	12	1,299	5.81	7	4,056	18.15	9	2,781	12.45	5	9,113	40.79
2002	11	1,582	7.04	7	4,530	20.17	12	1,277	5.68	8	4,168	18.55	9	3,053	13.59	4	8,818	39.26
2003	11	1,461	6.48	7	5,099	22.60	12	1,309	5.80	8	4,306	19.08	9	3,195	14.16	4	10,013	44.38

## 15-5. 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
1976	2,770.5	75.9	73.4	434.6	441.1	1,245.7	13.2	5,072.2	1.59	0.87	15.9	123.1
1977	2,804.6	76.6	77.5	436.7	444.6	1,257.1	13.1	5,182.3	1.61	0.86	16.2	121.6
1978	2,822.1	77.0	81.3	433.3	468.9	1,246.4	13.2	5,108.0	1.61	0.92	15.8	121.0
1979	2,845.1	78.7	84.3	431.6	475.1	1,275.0	13.8	6,069.1	1.71	0.98	16.4	132.4
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
1981	2,728.6	75.3	85.5	403.1	461.2	1,207.6	13.2	6,408.0	1.60	0.90	15.6	128.8
1982	2,749.2	76.6	90.4	396.6	473.5	1,299.8	13.3	6,065.8	1.60	1.00	16.1	126.3
1983	2,721.3	77.0	93.1	383.5	467.1	1,220.0	13.3	5,904.7	1.55	0.98	15.9	119.2
1984	2,592.9	78.8	80.8	379.1	441.2	1,190.6	11.0	7,459.8	1.43	1.11	15.8	134.2
1985	2,612.4	81.2	83.4	376.0	458.9	1,213.4	11.3	7,404.6	1.49	1.16	15.8	133.0
1986	2,725.5	84.2	92.3	380.7	488.3	1,245.5	12.0	6,775.3	1.51	1.20	15.8	127.7
1987	2,808.9	89.5	97.0	385.3	505.1	1,298.6	12.6	7,621.3	1.58	1.25	16.6	140.9
1988	2,821.7	88.3	98.5	386.4	517.2	1,273.6	12.6	7,241.2	1.54	1.28	16.1	142.6
1989	2,876.1	90.3	105.7	381.5	539.4	1,281.9	12.6	7,005.7	1.53	1.31	16.2	138.4
1990	2,908.5	92.8	109.6	377.8	559.1	1,314.9	13.0	6,814.1	1.56	1.34	16.6	132.2
1991	2,928.7	91.7	114.4	373.6	582.4	1,304.0	12.9	7,368.0	1.57	1.43	15.7	138.4
1992	2,946.8	94.1	115.2	372.9	594.7	1,339.1	13.4	7,315.6	1.60	1.45	16.8	132.9
1993	3,005.4	97.5	120.6	372.2	608.8	1,377.8	13.7	7,648.0	1.64	1.52	17.7	141.7
1994	3,058.3	96.7	125.0	375.0	626.8	1,370.7	13.9	7,700.3	1.66	1.54	16.8	133.9
1995	3,058.2	98.5	126.2	369.3	645.7	1,385.5	14.2	8,084.5	1.67	1.57	16.7	141.4
1996	3,053.7	98.6	126.7	368.3	643.4	1,361.9	14.2	8,596.0	1.62	1.55	16.7	143.9
1997	3,135.0	101.8	131.0	374.4	654.6	1,390.2	14.2	8,514.6	1.63	1.63	17.3	157.8
1998	2,973.5	95.9	121.0	362.6	589.7	1,302.5	12.8	8,368.4	1.57	1.54	17.1	141.5
1999	3,047.8	98.0	127.1	367.6	618.4	1,334.8	13.3	9,109.8	1.57	1.59	17.6	167.0
2000	3,021.6	96.7	123.3	370.0	601.2	1,308.6	13.2	8,697.8	1.59	1.55	17.2	150.9
2001	2,876.8	92.4	117.1	352.5	576.0	1,245.4	12.6	8,293.2	1.54	1.51	16.4	148.9
2002	2,913.4	95.3	124.5	349.8	613.9	1,299.3	13.8	9,069.3	1.59	1.56	16.9	160.5

Sources: 1952-1983: Council of Agriculture, R.O.C., *Taiwan Food Balance Sheet*.1984-2002: Council of Agriculture, R.O.C., *Food Supply and Utilization Yearbook, Taiwan, R.O.C.*

## 15-6. Social Indicators

Period	Percentage of Population Served of Tap Water	Living Space Per Capita (sq. ft.)	Number of Health Personnel Per 10,000 Persons	Number of Beds Per 10,000 Persons	Life Expectancy at Birth		
					Total	Male	Female
1961	30.8	-	11.37	3.70	-	62.30	66.76
1962	31.2	-	11.02	3.86	-	62.95	67.64
1963	32.7	-	10.94	3.79	-	63.90	68.29
1964	37.3	-	10.84	3.69	-	64.54	69.06
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
1976	53.7	157.7	19.39	19.66	-	68.70	73.59
1977	57.8	163.8	20.66	22.32	-	68.69	73.85
1978	61.6	175.7	21.12	21.33	-	69.15	74.32
1979	63.8	184.7	22.66	20.78	-	69.36	74.47
1980	66.8	193.3	23.82	22.22	-	69.56	74.54
1981	69.5	202.7	25.20	24.29	72.01	69.74	74.64
1982	72.4	212.8	27.03	28.98	72.10	69.86	74.86
1983	74.5	221.8	28.10	30.65	72.16	69.90	75.08
1984	76.4	230.8	30.19	32.86	72.55	70.46	75.53
1985	77.9	234.7	34.42	38.47	73.03	70.82	75.81
1986	79.1	247.0	35.64	41.63	73.12	70.97	75.88
1987	80.2	261.4	39.27	43.88	73.39	71.09	76.31
1988	81.7	269.3	41.72	44.50	73.32	70.99	76.21
1989	82.7	279.4	42.59	43.12	73.54	71.10	76.48
1990	83.6	291.2	44.79	43.80	73.79	71.33	76.75
1991	84.2	297.7	47.15	45.14	74.26	71.83	77.15
1992	85.1	311.4	49.62	46.30	74.28	71.79	77.22
1993	86.2	315.7	52.17	47.90	74.30	71.62	77.59
1994	87.5	329.4	53.87	48.98	74.55	71.83	77.82
1995	88.0	339.5	55.37	52.62	74.62	71.93	77.79
1996	88.8	349.6	57.53	53.39	74.64	71.94	77.81
1997	89.5	367.6	63.39	55.73	74.68	71.99	77.85
1998	90.0	379.8	65.70	56.80	74.95	72.26	78.04
1999	90.3	392.8	68.98	55.65	75.14	72.48	78.19
2000	90.5	402.1	71.47	56.78	75.33	72.62	78.45
2001	90.5	412.2	74.02	56.98	75.61	72.88	78.74
2002	90.8	411.1	77.90	59.23	75.87	73.20	78.93
2003	90.9	...	81.00	60.92	75.99	73.33	79.04

Sources: The data are provided by the Ministry of the Interior; the Directorate-General of Budget, Accounting & Statistics; the Department of Health, R.O.C.



## **16. SOCIAL AFFAIRS**

16-1a. Units and Persons Insured under Labor and Farmer Insurances

End of Year	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishing 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) Effective as of 2002, the classifications were changed to those shown in Tables 16-1e to 16-1h.

Source: The data are provided by the Bureau of Labor Insurance, R.O.C.

16-1b. Units and Persons Insured under Labor and Farmer Insurances (Continued)

End of Year	Labor Insurance						Farmers' Health Insurance
	Trade and Restaurant (3)	Transport, Storage and Communication	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
I. Insured Units							
1979	2,997	2,218	923	-	6,676	-	-
1980	4,883	2,479	1,463	-	7,421	-	-
1981	7,482	2,773	1,894	-	8,330	-	-
1982	10,120	3,026	2,113	-	8,874	-	-
1983	13,739	3,294	2,462	-	9,877	-	-
1984	19,368	3,641	3,084	-	11,025	-	-
1985	27,065	4,060	3,915	-	12,582	-	41
1986	36,619	4,453	4,868	-	14,081	-	41
1987	49,535	5,014	6,405	-	16,194	-	99
1988	66,799	5,882	8,900	-	19,331	-	294
1989	83,580	6,649	12,058	-	22,065	-	289
1990	94,893	7,208	14,346	-	24,407	-	289
1991	108,336	7,755	17,126	-	27,147	-	289
1992	125,498	8,406	23,980	-	30,490	-	289
1993	140,820	8,964	28,987	-	35,444	-	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 Restaurant" since 1997.

16-1c. Units and Persons Insured under Labor and Farmer Insurances (Continued)

End of Year	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishing and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction
<b>II. Persons</b>							
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

16-1d. Units and Persons Insured under Labor and Farmer Insurances (Continued)

End of Year	Labor Insurance						Farmers' Health Insurance
	Trade and Restaurant	Transport, Storage and Communication	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
H. Persons							
1979	95,724	271,655	53,024	-	168,693	-	-
1980	128,633	286,177	70,388	-	219,515	-	-
1981	171,897	299,189	81,260	-	265,285	-	-
1982	209,943	310,810	89,910	-	316,037	-	-
1983	260,962	324,655	103,821	-	367,953	-	-
1984	328,249	338,478	118,713	-	423,017	-	-
1985	406,840	368,290	134,001	-	497,739	-	100,739
1986	510,759	401,525	155,403	-	579,199	-	113,365
1987	651,849	425,727	186,893	-	665,734	-	218,021
1988	823,801	468,499	249,826	-	794,094	-	676,461
1989	986,849	508,914	337,137	-	910,561	-	1,344,155
1990	1,090,874	527,377	377,068	-	995,388	-	1,571,296
1991	1,207,988	546,332	416,167	-	1,080,446	-	1,653,676
1992	1,348,836	568,856	483,978	-	1,166,005	-	1,695,167
1993	1,465,316	586,579	535,841	-	1,250,368	-	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

16-1e. Units and Persons Insured under Labor and Farmer Insurances (Continued) (1)

End of Year	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishing 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

End of Year	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Eating-Drinking Places	Transportation, Storage and Communication
I. Insured Units					
2002	247	35,990	155,357	6,728	10,738
2003	251	36,223	159,580	7,174	10,882

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

16-1f. Units and Persons Insured under Labor and Farmer Insurances (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

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

16-1g. Units and Persons Insured under Labor and Farmer Insurances (Continued)

End of Year	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishing 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

End of Year	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Eating-Drinking Places	Transportation, Storage and Communication
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

16-1h. Units and Persons Insured under Labor and Farmer Insurances (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

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

16-2a. Premiums and Compensation under Labor and Farmer Insurances

Unit: NTS\$1,000

Period	Due Premium					
	Total (A)	Labor Insurance				
		Subtotal	Industrial Workers	Workers of Commercial Firms and Shops	Employees in Journalistic, Cultural, Nonprofit Organizations or Cooperative Enterprises	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
1981	13,379,680	13,379,680	9,626,180	1,305,914	254,786	785,773
1982	15,342,359	15,342,359	10,646,094	1,682,415	370,232	917,281
1983	18,386,839	18,386,839	12,480,423	2,128,581	448,450	1,031,791
1984	23,912,773	23,912,773	15,442,434	2,896,891	569,838	1,181,486
1985	28,252,328	28,175,862	17,315,007	3,663,971	691,529	1,370,456
1986	32,902,144	32,422,938	19,127,793	4,458,853	781,365	1,522,631
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

(1) See note (1) of Table 16-1a.

Source: See Table 16-1a.

## 16-2b. Premiums and Compensation under Labor and Farmer Insurances (Continued)

Unit: NT\$1,000

Period	Due Premium					
	Labor Insurance					Farmers' Health Insurance
	Workers Employed in Fishing Production	Persons Receiving Training in Vocational Training Organizations	Craft Workers	Class A Members of Fishermen's Association	Voluntary Insured Persons	
1979	-	-	449,211	236,326	159,967	-
1980	-	2,151	620,896	249,543	179,833	-
1981	-	7,075	947,443	253,782	198,727	-
1982	-	9,252	1,249,217	265,408	202,460	-
1983	-	12,233	1,723,823	318,075	243,463	-
1984	-	19,659	2,884,478	579,003	338,984	-
1985	-	24,737	4,003,599	616,935	489,628	76,466
1986	-	27,358	5,195,475	617,554	691,909	479,206
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

## 16-2c. Premiums and Compensation under Labor and Farmer Insurances (Continued)

Unit: NT\$1,000

Period	Compensation (2)						
	Total (B)	Labor Insurance					
		Industrial Workers	Workers of Commercial Firms and Shops	Employees in Journalistic, Cultural, Nonprofit Organizations or Cooperative Enterprises	Employees in Government Agencies and Schools	Workers Employed in Fishing 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	-
1981	11,626,083	11,626,083	8,112,892	761,991	155,736	647,686	-
1982	15,024,701	15,024,701	10,044,714	1,158,311	268,005	865,680	-
1983	17,799,425	17,799,425	11,676,562	1,494,844	313,743	1,011,680	-
1984	22,283,706	22,283,706	14,032,894	2,098,682	402,284	1,217,190	-
1985	28,207,793	28,200,943	16,904,579	2,923,659	535,937	1,475,663	-
1986	31,442,647	30,920,294	17,639,792	3,357,465	545,974	1,645,898	-
1987	39,507,709	38,435,166	21,314,926	4,762,484	716,776	1,856,626	-
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	147,633,641	139,583,169	48,285,036	27,380,575	2,436,560	5,896,473	147,325

(2) Amounts disbursed.

16-2d. Premiums and Compensation under Labor and Farmer Insurances (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 Association	Voluntary Insured Persons		
1979	-	256,716	237,788	49,668	-	1,708,182
1980	653	756,076	430,779	116,464	-	1,950,937
1981	3,788	1,238,221	555,074	150,695	-	1,753,597
1982	8,170	1,870,757	637,849	171,215	-	317,658
1983	11,289	2,455,805	634,886	200,616	-	587,414
1984	11,802	3,476,889	791,302	252,663	-	1,629,067
1985	16,013	4,963,437	1,044,851	336,804	6,850	44,535
1986	15,953	5,893,077	1,425,631	396,504	522,353	1,459,497
1987	23,190	7,940,298	1,289,708	531,158	1,072,543	334,548
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	-19,563,739
2003	10,334	46,644,420	4,868,972	3,912,464	8,050,472	-1,782,455

16-3a. Compensation from Labor and Farmer Insurances by Industry

Period	Compensation						
	Total	Labor Insurance					
		Subtotal	Agriculture, Forestry, Fishing and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction
<b>I. Cases</b>							
1979	20,979,812	20,979,812	26,445	18,299	206,641	4,564	12,776
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 16-1a.

(2) Effective as of 2002, the classifications were changed to those shown in Tables 16-3e to 16-3h.

Source: See Table 16-1a.

## 16-3b. Compensation from Labor and Farmer Insurances by Industry (Continued)

Period	Compensation						
	Labor Insurance						Farmers' Health Insurance
	Trade and Restaurant	Transport, Storage and Communication	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
<b>I. Cases</b>							
1979	11,316	45,757	4,336	-	26,097	-	-
1980	899,006	2,655,142	462,180	-	2,001,236	-	-
1981	1,184,593	2,927,848	595,249	-	2,540,648	-	-
1982	1,640,551	3,177,650	712,347	-	3,167,895	-	-
1983	1,994,169	3,376,455	808,362	-	3,657,432	-	-
1984	2,496,218	3,612,574	943,220	-	4,322,476	-	-
1985	3,152,710	3,880,977	1,118,267	-	5,063,395	-	4,634
1986	3,575,779	3,945,855	1,195,908	-	5,458,197	-	772,881
1987	4,908,377	4,532,967	1,510,915	-	6,985,828	-	1,521,380
1988	5,228,666	4,138,309	1,510,414	-	6,820,710	-	2,302,919
1989	8,512,953	5,806,643	2,543,048	-	10,389,611	-	8,475,924
1990	7,801,047	4,769,448	2,582,647	-	9,208,161	-	16,983,973
1991	8,332,251	5,011,082	2,825,672	-	10,019,120	-	17,689,856
1992	17,469,933	9,143,338	5,965,814	-	19,765,707	-	39,028,255
1993	17,038,858	8,335,068	5,866,366	-	19,586,079	-	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

## 16-3c. Compensation from Labor and Farmer Insurances by Industry (Continued)

Period	Compensation						
	Total	Labor Insurance					
		Agriculture, Forestry, Fishing and Animal Husbandry	Mining and Quarrying	Manufacturing	Electricity, Gas and Water	Construction	
<b>II. Amount (NT\$1,000)</b>							
1979	5,848,806	5,848,806	304,392	331,664	2,016,235	57,990	176,969
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

## 16-3d. Compensation from Labor and Farmer Insurances by Industry (Continued)

Period	Compensation						
	Labor Insurance						Farmers' Health Insurance
	Trade and Restaurant	Transport, Storage and Communication	Finance, Insurance and Real Estate	Business Services	Social, Personal and Related Community Services	Public Administration	
<b>II. Amount (NT\$1,000)</b>							
1979	102,029	554,682	42,292	-	337,438	-	-
1980	321,771	1,061,398	131,125	-	821,475	-	-
1981	575,647	1,381,484	208,269	-	1,321,524	-	-
1982	895,862	1,800,342	308,841	-	1,853,603	-	-
1983	1,126,669	2,060,048	413,406	-	2,217,680	-	-
1984	1,597,764	2,552,648	524,888	-	2,919,381	-	-
1985	2,267,157	3,091,404	706,062	-	3,794,781	-	6,850
1986	2,609,637	3,392,178	794,704	-	4,284,407	-	522,353
1987	3,694,318	3,942,923	1,014,679	-	5,460,263	-	1,072,543
1988	4,403,139	4,355,160	1,149,573	-	6,004,196	-	1,648,291
1989	6,142,468	5,365,758	1,664,747	-	7,751,681	-	5,934,413
1990	6,787,216	5,670,422	2,014,563	-	8,401,903	-	15,216,639
1991	7,553,124	6,398,697	2,423,591	-	9,580,140	-	16,260,712
1992	13,119,894	8,968,627	4,241,243	-	15,174,093	-	28,362,373
1993	14,382,624	9,894,799	4,830,524	-	16,427,398	-	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

16-3e. Compensation from Labor and Farmer Insurances by Industry (Continued) (1)

Period	Compensation				
	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishing and Animal Husbandry	Mining and Quarrying	Manufacturing
I. Cases					
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

Period	Compensation				
	Labor Insurance				
	Electriciy, Gas and Water	Construction	Trade	Accommodation and Eating-Drinking Places	Transportation, Storage and Communication
I. Cases					
2002	4,454	245,450	262,240	46,621	108,559
2003	3,399	161,834	118,719	30,872	71,044

(1) See note (1) of Table 16-1e.

16-3f. Compensation from Labor and Farmer Insurances 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

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

16-3g. Compensation from Labor and Farmer Insurances by Industry (Continued)

Period	Compensation				
	Total	Labor Insurance			
		Subtotal	Agriculture, Forestry, Fishing and Animal Husbandry	Mining and Quarrying	Manufacturing
II. Amount (NT\$1,000)					
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

Period	Compensation				
	Labor Insurance				
	Electricity, Gas and Water	Construction	Trade	Accommodation and Eating-Drinking Places	Transportation, Storage and Communication
II. Amount (NT\$1,000)					
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

16-3h. Compensation from Labor and Farmer Insurances 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

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

16-4a. 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	-	20,787,395
1980	24,207,282	223,757	129,191	40,467	5,655	13,883	34,561	-	23,983,525
1981	27,016,035	256,568	150,181	47,596	5,968	15,158	37,665	-	26,759,467
1982	30,113,350	278,405	155,288	57,337	6,209	19,136	40,435	-	29,834,945
1983	32,350,354	296,730	158,720	68,200	6,973	19,545	43,292	-	32,053,624
1984	36,583,405	331,084	168,821	87,958	8,435	19,630	46,240	-	36,252,321
1985	40,554,648	373,271	171,819	116,587	9,731	24,545	50,589	-	40,181,377
1986	42,267,120	402,924	170,668	138,620	10,561	27,911	55,164	-	41,864,196
1987	52,851,053	446,415	187,081	163,292	11,986	24,477	59,579	-	52,404,638
1988	50,135,154	495,886	217,662	174,609	11,592	25,841	66,182	-	49,639,268
1989	72,921,823	509,807	223,707	179,778	11,854	32,536	61,932	-	72,412,016
1990	59,701,501	544,448	251,012	190,191	11,949	35,209	56,087	-	59,157,053
1991	63,404,375	601,221	255,841	225,924	14,058	41,672	63,726	-	62,803,154
1992	118,835,141	664,698	292,497	240,278	15,347	34,594	81,982	-	118,170,443
1993	110,611,851	712,953	320,283	250,607	16,607	40,734	84,722	-	109,898,898
1994	126,358,657	740,725	326,424	257,447	17,297	52,219	87,338	-	125,617,932
1995 (1)	57,903,636	733,513	250,307	168,224	19,391	206,369	89,222	-	57,170,123
1996	562,285	549,369	180,748	149,882	17,982	108,692	92,065	-	12,916
1997	540,870	525,456	166,681	153,076	18,757	94,786	92,156	-	15,414
1998	626,074	522,573	131,985	165,310	33,812	98,520	92,946	-	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	-	657,372

(1) See note (1) of Table 16-1a.

Source: See Table 16-1a.

16-4b. 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	-	3,156,625
1980	8,231,107	3,543,791	592,031	109,046	246,951	1,381,795	1,213,968	-	4,687,316
1981	11,626,083	4,622,664	903,593	142,938	318,599	1,615,241	1,642,293	-	7,003,419
1982	15,024,701	5,832,179	1,064,137	191,838	379,271	2,306,367	1,890,566	-	9,192,522
1983	17,799,425	7,042,755	1,235,559	249,623	457,240	2,931,797	2,168,536	-	10,756,670
1984	22,283,706	8,491,364	1,605,342	337,501	601,590	3,084,010	2,862,921	-	13,792,342
1985	28,200,943	10,253,804	1,862,738	465,208	821,449	3,757,409	3,347,000	-	17,947,139
1986	30,920,294	12,166,629	1,968,917	582,890	818,727	4,978,953	3,817,142	-	18,753,665
1987	38,435,166	13,631,962	2,367,894	646,812	972,164	5,150,042	4,495,050	-	24,803,204
1988	42,446,510	16,808,223	3,056,971	650,963	917,238	6,679,937	5,503,114	-	25,638,287
1989	53,488,063	20,510,250	3,650,756	706,789	975,563	8,025,284	7,151,858	-	32,977,813
1990	56,667,223	25,063,722	4,643,707	790,731	1,054,928	9,875,556	8,698,800	-	31,603,501
1991	65,808,939	32,653,839	5,325,912	959,602	1,371,922	14,534,229	10,462,174	-	33,155,100
1992	96,502,092	34,201,068	6,296,706	1,066,715	1,566,096	12,916,279	12,355,272	-	62,301,024
1993	103,241,626	43,157,089	7,561,189	1,218,343	1,934,190	17,591,243	14,852,124	-	60,084,537
1994	128,346,763	55,244,294	8,240,826	1,380,528	2,252,578	26,284,371	17,085,991	-	73,102,469
1995	138,442,672	92,360,494	5,391,278	1,225,741	3,336,340	64,277,837	18,129,298	-	46,082,178
1996	68,898,093	68,883,602	3,557,149	1,329,078	3,654,279	41,746,762	18,596,334	-	14,491
1997	71,811,502	71,795,330	3,479,662	1,493,933	3,986,237	43,804,614	19,030,884	-	16,172
1998	89,249,883	86,280,846	2,921,526	1,801,762	8,850,275	53,151,800	19,555,483	-	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	168,811,915	166,941,631	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	-	1,784,244

16-5a. Compensation from Farmer 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	-	157	4,384
1986	772,881	3,052	1,147	-	1,905	769,829
1987	1,521,380	3,124	1,134	-	1,990	1,518,256
1988	2,302,919	4,960	1,061	-	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	-
1999	87,720	87,720	28,377	27,902	31,441	-
2000	98,001	98,001	25,460	45,634	26,907	-
2001	96,844	96,844	21,992	47,967	26,885	-
2002	69,589	69,589	17,834	25,741	26,014	-
2003	61,685	61,685	14,748	20,604	26,333	-

(1) See note (1) of Table 16-1a.

Source: See Table 16-1a.

16-5b. Compensation from Farmer 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	-	4,945	758
1986	522,353	74,466	14,458	-	60,008	447,887
1987	1,072,543	85,711	15,673	-	70,038	986,832
1988	1,648,291	184,343	17,967	-	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	-
2003	8,052,361	8,050,472	302,981	3,718,543	4,028,949	1888

16-6. Units Insured under Government Employees' Insurance and Related Insurance Programs

End of Year	Government Employees' Insurance (GEI)	Health Insurance for Government Employees' Dependents (3) (HIGED)	Retired Government Employees' 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 Staffs of Private Schools (ITASPS)	Health Insurance for Dependents of Teaching and Administrative Staffs of Private Schools (3) (HIDTASPS)	Health Insurance for Retired Teaching and Administrative Staffs and Their Spouses of Private Schools (2) (HIRTASPS) & (HISRTASPS)	Health Insurance for Retired Employees and Their Dependents of Government Organizations and Private Schools (3) (HIRETDGOPS)
1958	3,475	-	-	-	-	-	-	-	-
1959	3,661	-	-	-	-	-	-	-	-
1960	3,763	-	-	-	-	-	-	-	-
1965	3,909	-	600	-	-	-	-	-	-
1970	4,626	-	1,245	-	-	-	-	-	-
1975	4,875	-	1,691	-	-	-	-	-	-
1976	4,941	-	1,692	-	-	-	-	-	-
1977	5,029	-	1,741	-	-	-	-	-	-
1978	5,101	-	1,810	-	-	-	-	-	-
1979	5,170	-	1,819	-	-	-	-	-	-
1980	5,250	-	1,856	-	-	199	-	-	-
1981	5,354	-	1,893	-	-	292	-	-	-
1982	5,389	5,331	1,902	-	-	301	-	-	-
1983	5,441	5,361	1,930	-	-	303	-	-	-
1984	5,483	5,408	1,963	-	-	307	-	84	-
1985 (1)	5,528	5,439	1,446	3,804	3,273	308	-	83	-
1986	5,558	5,455	1,270	3,970	3,433	307	-	106	-
1987	5,593	5,487	1,183	4,305	3,831	308	-	141	-
1988	5,653	5,539	1,128	4,464	4,037	309	-	154	-
1989	5,693	5,662	1,087	4,226	3,803	309	-	165	-
1990	5,754	5,700	1,052	4,248	3,802	316	274	174	-
1991	5,804	5,740	1,027	4,336	3,892	318	295	181	-
1992	6,256	6,243	1,000	4,488	4,026	318	311	183	-
1993	6,566	6,553	981	4,890	4,362	320	316	197	-
1994 (2)	6,690	6,676	949	-	-	322	320	-	5,245
1995 (3)	6,818	-	780	-	-	326	-	-	-
1996	7,145	-	709	-	-	327	-	-	-
1997	7,569	-	666	-	-	329	-	-	-
1998 (4)	7,129	-	609	-	-	335	-	-	-

(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 Employees' Insurance Department still implements the enrollment and cash benefits of the GEI, ITASPS and RGEI.

(4) For data on these programs from 1999 onward, please refer to Tables 16-11 to 16-15.

Source: The data are provided by the Central Trust of China, R.O.C.

16-7. Persons Insured under Government Employees' Insurance and Related Insurance Programs

Unit: Persons

End of Year	Total	Government Employees' Insurance	Health Insurance for Government Employees' Dependents (3)	Retired Government Employees' Insurance	Health Insurance for Retired Government Employees (2)	Health Insurance for Spouses of Retired Government Employees (2)	Insurance for Teaching and Administrative Staffs of Private Schools	Health Insurance for Dependents of Teaching and Administrative Staffs of Private Schools (3)	Health Insurance for Retired Teaching and Administrative Staffs and Their Spouses of Private Schools (2)	Health Insurance for Retired Employees and Their Dependents of Government Organizations and Private Schools (3)
1958	172,469	172,469	-	-	-	-	-	-	-	-
1959	189,271	189,271	-	-	-	-	-	-	-	-
1960	203,909	203,909	-	-	-	-	-	-	-	-
1965	241,955	240,261	-	1,694	-	-	-	-	-	-
1970	298,667	293,531	-	5,136	-	-	-	-	-	-
1972	329,016	322,615	-	6,401	-	-	-	-	-	-
1973	335,558	328,259	-	7,299	-	-	-	-	-	-
1974	350,362	342,567	-	7,795	-	-	-	-	-	-
1975	367,053	359,034	-	8,019	-	-	-	-	-	-
1976	377,928	369,666	-	8,262	-	-	-	-	-	-
1977	388,531	379,869	-	8,662	-	-	-	-	-	-
1978	399,306	390,347	-	8,959	-	-	-	-	-	-
1979	408,415	399,339	-	9,076	-	-	-	-	-	-
1980	435,455	415,191	-	9,212	-	-	11,052	-	-	-
1981	462,463	431,647	-	9,224	-	-	21,592	-	-	-
1982	652,509	443,783	176,030	9,327	-	-	23,369	-	-	-
1983	664,039	452,881	176,937	9,637	-	-	24,584	-	-	-
1984	683,927	468,577	179,573	9,922	-	-	25,673	-	182	-
1985 (1)	754,928	475,663	180,360	4,952	41,406	26,087	26,277	-	183	-
1986	778,066	483,473	180,739	4,222	49,976	32,241	26,974	-	441	-
1987	815,179	489,772	179,688	3,632	68,080	45,649	27,723	-	635	-
1988	832,098	496,175	176,749	3,352	73,877	53,045	28,110	-	790	-
1989	1,041,853	515,387	385,632	3,155	62,332	45,973	28,529	-	845	-
1990	1,078,449	536,775	390,239	2,921	64,913	47,490	31,213	3,954	944	-
1991	1,103,236	549,615	388,012	2,747	68,041	49,331	33,883	10,529	1,078	-
1992	1,707,301	560,127	950,307	2,579	70,490	50,880	36,075	35,690	1,153	-
1993	1,759,843	572,122	976,771	2,409	74,085	53,389	39,442	40,271	1,354	-
1994 (2)	1,793,094	581,047	982,642	2,193	-	-	42,864	44,038	-	140,310
1995 (3)	634,543	588,354	-	1,710	-	-	44,479	-	-	-
1996	645,592	597,895	-	1,510	-	-	46,187	-	-	-
1997	649,267	600,026	-	1,363	-	-	47,878	-	-	-
1998 (4)	625,774	574,364	-	1,208	-	-	50,202	-	-	-

(1),(2),(3),(4) See notes of Table 16-6.

Source: See Table 16-6.

## 16-8. Receipts and Expenditures of Government Employees' Insurance

Unit: NT\$1,000

Period	Receipts				Expenditures							Surplus or Defecit	
	Total (A)	Premiums	Regis- tration Fee	Others	Total (B)	Medical Expense	Cash Benefits	Refund of Pre- miums	Reserve Fund	Costs of Adminis- tration	Others	Amount (C=A-B)	Percentage (C/B x 100)
1958	6,854	6,847	7	-	2,104	1,303	322	-	-	479	-	4,750	225.76
1959	55,305	53,727	117	461	60,053	46,929	9,331	32	-	3,761	-	-4,748	-7.91
1960	90,503	86,850	3,653	-	142,882	113,478	13,794	145	8,047	6,079	1,339	-52,379	-36.66
1965	185,077	173,408	4,369	7,300	204,812	138,753	36,910	336	16,793	11,914	106	-19,735	-9.64
1970	445,587	427,161	5,419	13,007	437,546	241,746	154,817	646	14,857	24,639	841	8,041	1.84
1971	518,639	500,102	5,837	12,700	509,655	275,053	218,689	878	-13,017	27,182	870	8,984	1.76
1972	540,857	526,653	6,361	7,843	528,857	305,176	321,315	888	-128,640	29,126	992	12,000	2.27
1974	734,051	708,907	23,349	1,795	865,003	393,545	420,572	432	-	48,859	1,595	-130,952	-15.14
1975	837,326	800,445	24,253	12,628	907,493	451,203	405,330	5	-	50,757	198	-70,167	-7.73
1976	919,335	877,621	26,588	15,126	990,435	495,599	446,467	-	-	47,953	416	-71,100	-7.18
1977	1,144,071	1,108,994	26,882	8,195	1,247,578	551,948	640,173	-	-	54,756	701	-103,507	-8.30
1978	1,498,631	1,467,619	26,731	4,281	1,638,125	639,808	927,916	-	-	68,204	2,197	-139,494	-8.52
1979	1,846,849	1,814,869	27,246	4,734	2,181,323	768,214	1,326,516	-	-	84,938	1,655	-334,474	-15.33
1980	2,418,933	2,388,160	28,129	2,644	2,801,925	1,002,394	1,688,145	-	-	102,930	8,456	-382,992	-13.67
1981	3,396,851	3,363,892	30,176	2,783	4,028,089	1,371,576	2,529,390	-	-	121,633	5,490	-631,238	-15.67
1982	3,718,804	3,660,475	55,188	3,141	4,625,764	1,565,612	2,914,438	-	-	129,595	16,119	-906,960	-19.61
1983	3,856,418	3,766,679	65,603	24,136	4,743,226	1,841,569	2,748,870	-	-	124,523	28,264	-886,808	-18.70
1984	4,176,563	4,096,035	67,664	12,864	5,268,715	2,213,083	2,889,961	-	-	137,868	27,803	-1,092,152	-20.73
1985	4,936,648	4,849,081	72,721	14,846	6,313,264	2,541,691	3,581,829	-	-	159,649	30,095	-1,376,616	-21.81
1986	5,430,401	5,371,443	52,887	6,071	7,066,195	2,681,821	4,185,739	-	-	167,457	31,178	-1,635,794	-23.15
1987	5,866,620	5,830,197	28,385	8,038	8,082,435	2,921,858	4,954,077	-	-	179,887	26,613	-2,215,815	-27.42
1988	6,691,347	6,658,964	28,551	3,832	9,561,922	3,040,493	6,301,870	-	-	195,377	24,183	-2,870,576	-30.02
1989	7,664,792	7,611,338	26,717	26,736	11,409,135	3,114,116	8,013,131	-	-	231,090	50,797	-3,744,343	-32.82
1990	9,358,592	9,273,093	25,903	59,596	13,065,701	3,582,106	9,155,112	-	-	276,280	52,203	-3,707,109	-28.37
1991	10,787,888	10,666,962	25,935	94,992	16,646,282	4,125,732	12,184,263	-	-	294,606	41,681	-5,858,394	-35.19
1992	11,854,254	11,775,290	26,372	52,592	15,525,502	4,639,799	10,510,020	-	-	323,708	51,975	-3,671,248	-23.65
1993	13,190,083	13,033,881	36,586	119,616	17,635,634	5,068,021	12,190,672	-	-	348,688	28,253	-4,445,551	-25.21
1994	14,237,829	14,112,286	35,970	89,573	20,321,930	5,824,210	14,064,439	-	-	378,263	55,018	-6,084,101	-29.94
1995	9,232,039	9,050,723	4,534	176,782	15,877,717	1,308,173	13,954,267	-	-	247,958	367,319	-6,645,678	-41.86
1996	8,692,318	8,463,670	-	228,649	14,981,002	-	13,980,502	-	-	200,947	799,553	-6,288,684	-41.98
1997	9,825,788	9,783,592	-	42,196	16,718,266	-	15,457,435	-	-	195,493	1,065,338	-6,892,478	-41.23
1998 (1)	12,146,498	12,135,826	-	10,671	19,481,262	-	18,024,803	-	-	192,278	1,264,180	-7,334,764	-37.65

(1) See note (4) of Table 16-6.

Source: See Table 16-6.

16-9a. Medical Care and Cash Benefits under Government Employees' Insurance

Period	Free Medical Care			Cash Benefits				
	Subtotal	Maternity	Illness & Injury	Subtotal	Disability	Old Age	Death	Funeral Allowance
I. Person-Visits (Free Medical Care), Cases (Cash Benefits)								
1958	7,207	619	6,588	47	-	-	15	32
1959	717,061	47,401	669,660	2,926	-	-	451	2,475
1960	1,951,389	64,436	1,886,953	3,088	69	-	475	2,544
1965	2,108,600	59,407	2,049,193	5,174	215	1,032	604	3,323
1970	2,692,028	91,225	2,600,803	8,645	362	2,624	791	4,868
1971	2,916,209	93,071	2,823,138	9,785	423	3,604	810	4,948
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	-	-	-	25,969	798	9,852	858	14,461
1997	-	-	-	26,606	975	10,452	825	14,354
1998 (2)	-	-	-	27,959	1,148	11,677	791	14,343

(1),(2) See notes (3),(4) of Table 16-6.

Source: See Table 16-6.

## 16-9b. Medical Care and Cash Benefits under Government Employees' Insurance (Continued)

Period	Total	Medical Expenses			Cash Benefits				
		Subtotal	Maternity	Illness & Injury	Subtotal	Disability	Old Age	Death	Funeral Allowance
II. Amount (NT\$1,000)									
1958	1,625	1,303	176	1,127	322	-	-	287	35
1959	56,260	46,929	8,230	38,699	9,331	-	-	6,314	3,018
1960	127,272	113,478	12,095	101,384	13,794	854	-	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
1976	942,066	495,599	59,770	435,829	446,467	11,136	282,242	99,209	53,880
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	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	-	-	-	13,980,502	235,444	11,745,899	771,480	1,227,679
1997	15,457,435	-	-	-	15,457,435	376,979	13,041,188	766,748	1,272,519
1998	18,024,803	-	-	-	18,024,803	449,829	15,487,795	770,495	1,316,684

16-10. Major Receipts and Expenditures of Government Employees' Insurance and  
Related Insurance Programs

Unit: NTS\$1,000

Period	Major Receipts (1)		Major Expenditures (1)			Surplus or Deficit
	Premiums	Registrar Fee	Medical Expenses	Cash Benefits	Costs of Administration	
1958	6,847	7	1,303	322	479	4,750
1959	53,727	1,117	46,929	9,331	3,761	- 4,748
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	-
1971	507,000	6,029	289,071	235,311	27,665	-
1972	534,664	6,579	324,879	335,982	29,687	- 1,552
1973	577,157	6,552	336,615	459,969	29,589	- 171,005
1975	813,077	25,582	488,435	425,981	51,462	- 95,500
1976	891,312	27,978	535,378	469,563	48,704	- 97,911
1977	1,125,145	28,333	597,587	663,315	55,602	- 132,087
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	-	-	14,303,281	217,995	-5,807,240
1997	10,545,706	-	-	15,827,933	211,012	-6,404,273
1998 (3)	12,945,332	-	-	18,459,826	205,075	-6,827,499

(1) Including the data of Government Employees' Insurance (from 1958), Health Insurance for Government Employees' Dependents (from 1982), Retired Government Employees' 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 Staffs of Private Schools (from 1980), Insurance for Retired Teaching and Administrative Staffs of Private Schools (1984 -1985), Health Insurance for Spouses of Teaching and Administrative Staffs of Private Schools (from 1990), Health Insurance for Retired Teaching and Administrative Staffs of Private Schools (from 1986), Health Insurance for Spouses of Retired Teaching and Administrative Staffs of Private Schools (from 1986), Health Insurance for Retired Employees and their Dependents of Government Organizations and Private Schools (from 1994).

(2),(3) See notes (3),(4) of Table 16-6.

Source: See Table 16-6.

16-11. Units and Persons Insured under Government Employees' and School Staffs' Insurance  
and Retired Government Employees' Insurance (1)

End of Year	Insured Units	
	Government Employees' and School Staffs' Insurance (GESSI)	Retired Government Employees' Insurance (RGEI)
1999 (2)	7,385	553
2000	7,436	517
2001	7,498	487
2002	7,521	459
2003	7,527	437

End of Year	Insured Persons	
	Government Employees' and School Staffs' Insurance (GESSI)	Retired Government Employees' Insurance (RGEI)
1999	623,016	1,100
2000	629,395	985
2001	629,358	906
2002	626,652	836
2003	622,851	762

(1) See note (3) of Table 16-6.

(2) Government Employees' Insurance (GEI) and Insurance for Teaching and Administrative Staffs of Private Schools (ITASPS) were integrated as Government Employees' and School Staffs' Insurance (GESSI) from May 31, 1999.

Source: See Table 16-6.

## 16-12. Receipts and Expenditures of Government Employees' and School Staffs' Insurance

Unit: NT\$1,000

Period	Receipts						Expenditures	
	Total	Premiums	Gains on Securities Exchange	Interest	Government Subsidies	Others	Total	Cash Benefits
1999 (1)	13,931,488	13,511,913	29,030	259,187	122,509	8,849	10,866,922	8,728,591
2000	14,775,983	13,931,071	11,376	617,855	210,653	5,028	5,143,116	2,796,558
2001	17,674,043	16,401,215	61,149	1,001,939	195,115	14,624	5,332,549	2,672,578
2002	17,781,626	16,447,869	220,046	912,015	195,115	6,582	6,230,157	2,911,978
2003	18,247,114	16,490,326	381,550	978,998	199,018	197,223	5,710,311	2,877,529

Period	Expenditures						Surplus or Deficit (2)	Compensated by the Treasury (3)
	Reserve for Old Age Benefit	Loss on Securities Exchange	Reserve for Others	Administration Expenses	Others			
1999	1,332,338	19,246	64	219,960	566,723	3,064,566	12,453,833	
2000	2,075,730	53,366	-	215,287	2,175	9,632,867	21,311,832	
2001	2,443,781	13,991	-	199,946	2,253	12,341,494	30,138,703	
2002	2,450,732	65,204	-	200,551	601,692	11,551,469	30,938,128	
2003	2,457,059	160,162	-	211,176	4,385	12,536,804	28,461,944	

(1) See note (2) of Table 16-11. Including receipts and expenditures of GEI and ITASPS, from Jan. to May of 1999.

(2) Surplus is transferred to reserve account.

(3) Including unrealized liability of cash benefit before amendment and interest expenses.

Source: See Table 16-6.

## 16-13. Receipts and Expenditures of Retired Government Employees' Insurance

Unit: NT\$1,000

Period	Receipts				
	Total	Premiums	Interest	Government Subsidies	Others
1999 (1)	15,423	3,116	12,279	28	-
2000	15,492	2,705	12,367	43	378
2001	12,295	2,505	9,790	-	-
2002	8,039	2,329	5,710	-	-
2003	5,996	2,134	3,862	-	-

Period	Expenditures						Surplus or Deficit (2)
	Total	Cash Benefits	Reserve	Administration Expenses	Interest	Others	
1999	4,684	8,185	-3,552	51	-	-	10,739
2000	9,532	9,489	-	43	-	-	5,960
2001	6,455	6,455	-	-	-	-	5,839
2002	6,295	6,295	-	-	-	-	1,744
2003	6,949	6,949	-	-	-	-	-952

(1),(2) See notes (1),(2) of Table 16-12.

Source: See Table 16-6.

16-14. Cash Benefits under Government Employees' and School Staffs' Insurance

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(1)	29,956	741	13,364	732	15,119	20,242,546	300,290	17,788,038	723,978	1,430,241
2000	32,172	1,480	14,365	716	15,611	22,102,777	519,769	19,355,493	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

(1) See note (1) of Table 16-12.  
Source: See Table 16-6.

16-15. Cash Benefits under Retired Government Employees' Insurance

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(1)	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

(1) See note (1) of Table 16-12.  
Source: See Table 16-6.

16-16a. 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	-	-	2,270	2,266	4
1996	451,475	447,815	6,860	422,520	18,435	-	-	2,283	2,279	4
1997	469,111	465,417	6,981	432,052	26,384	-	-	2,294	2,290	4
1998	490,174	486,431	7,024	441,919	37,482	-	6	2,323	2,319	4
1999	519,635	515,813	7,085	452,020	56,702	-	6	2,381	2,377	4
2000	562,002	557,860	7,173	459,886	90,795	-	6	2,461	2,457	4
2001	566,854	562,562	7,851	453,204	101,501	-	6	2,559	2,555	4
2002	579,393	574,968	7,880	457,776	109,308	-	4	2,691	2,687	4
2003	583,212	578,689	7,944	464,916	105,787	-	42	2,771	2,767	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 the preceding two subparagraphs but are employed by particular employers; d. Employers or self-employed owners of business; 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.

16-16b. 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	-	-	-	458	498	18	480
1996	345	305	40	-	-	-	493	537	16	521
1997	346	306	40	-	-	-	504	548	16	532
1998	346	306	40	-	-	-	520	552	12	540
1999	346	306	40	-	-	-	526	567	12	555
2000	346	306	40	-	-	-	537	796	12	784
2001	346	306	40	3	2	1	559	825	12	813
2002	346	306	40	8	7	1	571	809	12	797
2003	345	306	39	8	7	1	575	824	28	796

(3) Category 3 includes: a. Members of the Farmers Association or the Irrigation Association, or workers aged fifteen or older who are gainfully employed in agricultural occupations ; b. Class A members of the Fishermen's Association who are either self-employed or have no specific employer, or workers aged fifteen or older who are gainfully employed in fishery occupations.

(4) Category 4 includes: a. Military personnel whose compulsory service terms are longer than 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, those that are the dependents of military personnel and can demonstrate to the Ministry of Defense that they have lost their means of support, and those who are receiving pensions owing to the deaths of family members who had served in the military; b. Males who have attained the age of military service and are currently performing alternative public service.

(5) Category 5 includes: Members of low-income households as defined by the Social Support Law.

(6) Category 6 includes: a. Veterans and representatives of the surviving family members of deceased veterans; b. Representatives or heads of household other than the insured or their dependents prescribed in subparagraphs 1 through 5 and the preceding item of this subparagraph.

## 16-16c. 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	21,899,056	11,614,733	1,418,951	9,111,829	653,738	430,119	96	3,710,791	3,710,337	454

16-16d. 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	-	-	-	111,452	1,477,273	593,614	883,659
1996	3,152,680	2,769,787	382,893	-	-	-	110,162	2,025,543	634,395	1,391,148
1997	3,225,240	2,815,115	410,125	-	-	-	108,564	2,256,459	645,641	1,610,818
1998	3,267,892	2,825,792	442,100	-	-	-	117,480	2,397,292	640,556	1,756,736
1999	3,297,840	2,827,356	470,484	-	-	-	129,890	2,557,520	646,145	1,911,375
2000	3,304,109	2,805,501	498,608	-	-	-	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	3,276,030	2,700,835	575,195	-	-	-	186,040	3,111,462	633,848	2,477,614

(1) Public disclosure of beneficiary data is not permitted under R.O.C. law.

16-17. Average Amount of Monthly Payroll on which National Health Insurance Premiums Assessed

Unit: NTS

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	20,691	23,351	24,959	21,875	26,861	45,669	-	17,571	17,569	36,893
1996	21,877	24,684	26,332	23,214	27,591	43,654	-	18,468	18,466	36,709
1997	22,879	25,866	27,439	24,474	28,320	43,258	-	18,815	18,813	39,465
1998	24,184	27,462	28,790	26,073	29,056	44,694	43,005	19,509	19,507	42,039
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	27,983	32,904	46,554	30,671	27,162	45,061	31,100	20,917	20,913	44,975

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
1995	16,501	16,500	16,513	-	-	-	925	925	925	925
1996	17,400	17,400	17,400	-	-	-	910	910	910	910
1997	18,300	18,300	18,300	-	-	-	960	960	960	960
1998	19,200	19,200	19,200	-	-	-	1,007	1,007	1,007	1,007
1999	19,200	19,200	19,200	-	-	-	1,007	1,007	1,007	1,007
2000	19,200	19,200	19,200	-	-	-	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

Source: See Table 16-16a.

16-18. Revenues and Costs of National Health Insurance

Unit: NTS million

Period	Insurance Revenues (A)			Insurance Costs (B)
	Total	Premiums	Other (1)	Total
1995	194,500	194,157	343	157,357
1996	242,331	241,239	1,092	223,941
1997	251,315	248,228	3,087	245,290
1998	263,788	260,686	3,102	265,347
1999	269,127	267,294	1,833	290,130
2000	291,403	290,734	669	290,439
2001	291,572	290,870	702	307,214
2002	311,373	303,417	7,956	327,028
2003	338,904	327,884	11,020	339,803

Period	Insurance Costs		Net of Reserve Fund (C=A-B)	Government Subsidies for Administrative Fees
	Medical Benefits	Other (2)		
1995	156,847	510	37,143	4,218
1996	222,938	1,003	18,390	5,193
1997	237,613	7,677	6,025	5,126
1998	262,040	3,307	-1,559	5,249
1999	285,897	4,233	-21,003	5,840
2000	282,105	8,334	964	6,056
2001	301,788	5,426	-15,642	7,849
2002	323,255	3,773	-15,655	7,178
2003	336,424	3,379	-899	5,794

(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 16-16a.

## **17. INTERNATIONAL STATISTICS**

17-1. Area and Population

Country	Area (km <sup>2</sup> )	Total Population (million)			Population Density (2002) (person/km <sup>2</sup> )
		1993 (mid-year)	2002 (mid-year)	Rate of Annual Increase (%) (1993-2002)	
1. Republic of China	36,006	20.85	22.40	0.8	622
2. Australia	7,741,220	17.67	19.71	1.2	3
3. Argentina	2,780,400	33.87	37.98	1.3	14
4. Belgium	30,528	10.08	10.30	0.2	337
5. Canada	9,970,610	28.68	31.36	1.0	3
6. Dominican Rep.	48,511	7.62	8.62	1.4	178
7. El Salvador	21,041	5.48	6.52	1.9	310
8. France	551,500	57.47	59.47	0.4	108
9. Germany	357,022	81.19	82.49	0.2	231
10. Guatemala	108,889	9.47	11.99	2.7	110
11. Honduras	112,088	5.25	6.78	2.9	60
12. India	3,287,263	886.25	1,033.00	1.7	314
13. Indonesia	1,904,569	187.59	217.13	1.6	114
14. Iran	1,648,195	57.49	65.54	1.5	40
15. Italy	301,318	57.05	57.48	0.1	191
16. Japan	377,829	124.83	127.40	0.2	337
17. Korea, Rep. of	99,268	44.19	47.64	0.8	480
18. Kuwait	17,818	1.46	2.26	5.0	127
19. Malaysia	329,758	19.56	23.97	2.3	73
20. Mexico	1,958,201	88.75	103.23	1.7	53
21. Netherlands	41,526	15.29	16.15	0.6	389
22. New Zealand	270,534	3.55	3.85	0.9	14
23. Nicaragua	130,000	4.17	5.34	2.8	41
24. Philippines	300,000	66.98	79.50	1.9	265
25. Panama	75,517	2.54	3.06	2.1	41
26. Singapore	683	3.32	4.16	2.5	6,091
27. Saudi Arabia	2,149,690	16.20	22.00	3.5	10
28. Thailand	513,115	58.01	63.48	1.0	124
29. United Kingdom	242,900	58.20	59.07	0.2	243
30. United States	9,629,091	258.08	291.04	1.3	30
31. Venezuela	912,050	20.91	25.09	2.0	28

Sources: 1. The data of the Republic of China are provided by the Ministry of Interior, R.O.C.

2. United Nations, *Monthly Bulletin of Statistics*, Jan. 2004; *Demographic Yearbook*, 2000.

## 17-2. Economically Active and Total Population

Unit: 1,000 persons

Country	Period	Total Population (mid-year) (A)	Economically Active Population (B)	Percentage (B/A x 100) %
1. Republic of China	2002	22,397	9,969	44.5
2. Australia	2002	19,710	9,943	50.4
3. Brazil	2001	169,370	83,243	49.1
4. Belgium	2002	10,300	4,402	42.7
5. Canada	2002	31,360	16,990	54.2
6. Colombia	2002	42,417	19,704	46.5
7. Dominican Rep.	1998	8,100	3,594	44.4
8. France	2002	59,470	26,653	44.8
9. Germany	2002	82,490	40,022	48.5
10. Guatemala	1998-99	11,386	3,982	35.0
11. Hong Kong	2001	6,732	3,487	51.8
12. Honduras	2001	6,580	2,438	37.1
13. Indonesia	1999	207,440	95,793	46.2
14. Israel	2000	6,290	2,435	38.7
15. Italy	2001	57,520	23,901	41.6
16. Japan	2001	127,130	67,520	53.1
17. Korea, Rep. of	2000	47,280	21,950	46.4
18. Malaysia	2000	23,270	9,616	41.3
19. Mexico	2002	103,230	41,086	39.8
20. Netherlands	2001	16,040	8,150	50.8
21. New Zealand	2001	3,850	1,923	49.9
22. Pakistan	1999-2000	137,993	39,974	29.0
23. Philippines	2000	76,320	30,908	40.5
24. Singapore	2002	4,160	2,129	51.2
25. Sri Lanka	2000	19,360	6,709	34.7
26. Thailand	2001	63,001	34,488	54.7
27. United Kingdom	2002	59,070	29,934	50.7
28. United States	2001	284,800	141,815	49.8
29. Venezuela	2002	25,090	11,674	46.5

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Monthly Bulletin of Manpower Statistics*, Taiwan Area, Republic of China, March 2004.

2. International Labor Office, *Yearbook of Labour Statistics*, Table 1A, 2003.

3. United Nations, *Monthly Bulletin of Statistics*, Jan. 2004.

## 17-3. 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	2002	9,454	709	3,332	5,413	0	100.0	7.5	35.2	57.3	0.0
2. Australia	2002	9,311	405	1,969	6,937	0	100.0	4.3	21.1	74.5	0.0
3. Brazil	2001	75,458	15,534	15,066	44,858	0	100.0	20.6	20.0	59.4	0.0
4. Canada	2002	15,412	433	3,503	11,476	0	100.0	2.8	22.7	74.5	0.0
5. Colombia	2002	16,619	3,492	3,216	9,893	18	100.0	21.0	19.4	59.5	0.1
6. Finland	2002	2,393	127	640	1,619	7	100.0	5.3	26.7	67.7	0.3
7. Germany	2002	36,536	923	11,656	23,957	0	100.0	2.5	31.9	65.6	0.0
8. Hong Kong	2002	3,232	10	593	2,629	0	100.0	0.3	18.3	81.3	0.0
9. Indonesia	2002	91,647	40,633	17,194	33,820	0	100.0	44.3	18.8	36.9	0.0
10. Israel	2002	2,284	45	515	1,708	16	100.0	2.0	22.5	74.8	0.7
11. Italy	2002	21,932	1,096	6,932	13,904	0	100.0	5.0	31.6	63.4	0.0
12. Japan	2001	64,120	3,130	19,550	41,000	440	100.0	4.9	30.5	63.9	0.7
13. Korea, Rep. of	2000	21,061	2,288	5,905	12,868	0	100.0	10.9	28.0	61.1	0.0
14. Malaysia	2000	9,322	1,712	3,000	4,610	0	100.0	18.4	32.2	49.5	0.0
15. Mexico	2001	39,004	7,074	10,092	21,696	142	100.0	18.1	25.9	55.6	0.4
16. Netherlands	2001	7,865	224	1,666	5,789	186	100.0	2.8	21.2	73.6	2.4
17. Pakistan	2000	36,847	17,841	6,644	12,361	1	100.0	48.4	18.0	33.5	0.0
18. Philippines	2001	30,085	11,253	4,682	14,147	3	100.0	37.4	15.6	47.0	0.0
19. Puerto Rico	2002	1,190	23	237	930	0	100.0	1.9	19.9	78.2	0.0
20. Singapore	2002	2,017	6	497	1,512	2	100.0	0.3	24.6	75.0	0.1
21. Sri Lanka	1998	5,946	2,472	1,338	1,987	150	100.0	41.6	22.5	33.4	2.5
22. Thailand	2002	33,484	15,409	6,300	11,756	19	100.0	46.0	18.8	35.1	0.1
23. United Kingdom	2002	28,415	393	6,834	21,126	62	100.0	1.4	24.1	74.3	0.2
24. United States	2002	136,485	3,479	29,800	103,206	0	100.0	2.5	21.8	75.6	0.0
25. Venezuela	2002	9,699	949	2,025	6,703	22	100.0	9.8	20.9	69.1	0.2

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Monthly Bulletin of Manpower Statistics, Taiwan Area, Republic of China*, March 2004.

2. International Labor Office, *Yearbook of Labour Statistics*, Table 2B, 2003.

## 17-4. Agricultural and Total Population

Unit: 1,000 persons

Country	Period	Total Population (mid-year) (A)	Agricultural Population (B)	Percentage (B/A x 100) %
1. Republic of China	2002	22,397	3,665	16.4
2. Australia	2002	19,710	865	4.4
3. Argentina	2002	37,980	3,671	9.7
4. Belgium	2002	10,300	175	1.7
5. Canada	2002	31,360	747	2.4
6. Dominican Rep.	2002	8,620	1,408	16.3
7. El Salvador	2002	6,520	2,027	31.1
8. France	2002	59,470	1,816	3.1
9. Germany	2002	82,490	1,888	2.3
10. Guatemala	2002	11,990	5,861	48.9
11. Honduras	2002	6,780	2,227	32.8
12. India	2002	1,033,000	553,281	53.6
13. Indonesia	2002	217,130	92,887	42.8
14. Italy	2002	57,480	2,771	4.8
15. Japan	2002	127,400	4,381	3.4
16. Korea, Rep. of	2002	47,640	3,663	7.7
17. Mainland China	2002	1,302,307	852,330	65.4
18. Mexico	2002	103,230	22,709	22.0
19. Netherlands	2002	16,150	510	3.2
20. New Zealand	2002	3,850	329	8.5
21. Pakistan	2002	149,911	74,841	49.9
22. Philippines	2002	79,500	29,972	37.7
23. Puerto Rico	2002	3,952	110	2.8
24. Saudi Arabia	2002	23,520	2,008	8.5
25. Singapore	2002	4,160	6	0.1
26. Sri Lanka	2002	18,910	8,641	45.7
27. Thailand	2002	63,480	29,465	46.4
28. United Kingdom	2002	59,070	1,017	1.7
29. United States	2002	291,040	6,062	2.1
30. Venezuela	2002	25,090	2,220	8.8

Sources: 1. The data of the Republic of China are provided by the Ministry of Interior, R.O.C.

2. United Nations, *Monthly Bulletin of Statistics*, Jan. 2004; Food and Agriculture Organization of the United Nations, <http://www.fao.org/>.

17-5. Population by Age Group

Country	Period	Population (1,000 Persons)				Percentage (%)			
		All ages	Under 15	15-64	Over 65	All ages	Under 15	15-64	Over 65
1. Republic of China	2000	22,125	4,707	15,533	1,885	100.0	21.3	70.2	8.5
2. Argentina	1995	34,768	10,047	21,450	3,271	100.0	28.9	61.7	9.4
3. Australia	2000	19,157	3,922	12,875	2,360	100.0	20.5	67.2	12.3
4. Brazil	2000	169,799	50,266	109,598	9,935	100.0	29.6	64.5	5.9
5. Canada	1998	30,301	5,976	20,588	3,737	100.0	19.7	67.9	12.3
6. Colombia	2000	42,431	13,851	26,585	1,995	100.0	32.6	62.7	4.7
7. Denmark	2000	5,337	987	3,558	792	100.0	18.5	66.7	14.8
8. France	1998	58,852	11,180	38,436	9,236	100.0	19.0	65.3	15.7
9. Germany	1999	82,057	12,960	55,980	13,117	100.0	15.8	68.2	16.0
10. Guatemala	1999	11,088	4,683	6,018	387	100.0	42.2	54.3	3.5
11. Hong Kong	1999	6,843	1,158	4,951	734	100.0	16.9	72.4	10.7
12. Indonesia	1997	201,353	62,827	129,543	8,983	100.0	31.2	64.3	4.5
13. India	2000	986,611	354,489	588,389	43,733	100.0	35.9	59.6	4.4
14. Italy	1999	57,646	8,329	39,033	10,284	100.0	14.4	67.7	17.8
15. Japan	1999	126,686	18,741	86,758	21,187	100.0	14.8	68.5	16.7
16. Korea, Rep. of	2000	47,275	10,233	33,671	3,371	100.0	21.6	71.2	7.1
17. Kuwait	1998	2,027	542	1,456	29	100.0	26.7	71.8	1.4
18. Malaysia	1998	22,180	7,548	13,803	829	100.0	34.0	62.2	3.7
19. Mexico	1995	91,158	32,262	54,654	4,242	100.0	35.4	60.0	4.7
20. Netherlands	1999	15,812	2,931	10,739	2,142	100.0	18.5	67.9	13.5
21. New Zealand	2000	3,831	875	2,505	451	100.0	22.8	65.4	11.8
22. Philippines	1995	68,616	26,296	39,904	2,416	100.0	38.3	58.2	3.5
23. Puerto Rico	2000	3,879	952	2,531	396	100.0	24.5	65.2	10.2
24. Singapore	2000	3,263	801	2,224	238	100.0	24.5	68.2	7.3
25. Sri Lanka	1998	18,774	6,609	11,783	382	100.0	35.2	62.8	2.0
26. Thailand	2000	60,617	14,621	42,281	3,715	100.0	24.1	69.8	6.1
27. United Kingdom	1999	59,501	11,387	38,821	9,293	100.0	19.1	65.2	15.6
28. United States	1998	280,299	58,129	187,769	34,401	100.0	20.7	67.0	12.3
29. Venezuela	2000	24,170	8,227	14,868	1,075	100.0	34.0	61.5	4.4

Sources: 1. The data of the Republic of China are provided by the Ministry of Interior, R.O.C.

2. United Nations, *Demographic Yearbook 2000*.

17-6a. Gross National Product and Per Capita GNP (1)(2)

Country	2000		2001		2002	
	GNP (US\$ million)	Per Capita GNP (US\$)	GNP (US\$ million)	Per Capita GNP (US\$)	GNP (US\$ million)	Per Capita GNP (US\$)
Asia						
Republic of China	313,908	14,188	286,840	12,876	289,272	12,916
Hong Kong (3)	165,400	24,791	162,800	24,215	161,500	23,800
India	461,085	453	481,088	466	504,081	480
Indonesia	143,743	679	132,532	618	156,909	723
Japan (3)	4,765,092	37,512	4,141,397	32,540	3,991,778	31,313
Korea, Rep. of	459,103	9,802	426,040	9,038	477,089	10,059
Malaysia	82,553	3,589	81,233	3,458	88,315	3,684
Philippines	79,130	1,037	75,565	980	75,565	980
Singapore	91,415	22,740	85,418	20,834	85,824	20,532
Thailand	120,652	1,981	113,394	1,842	124,390	2,000
Middle East						
Iran	328,805	4,949	382,908	5,695	134,252	1,972
Israel	108,633	17,986	108,801	17,634	100,889	16,014
Kuwait	43,723	19,432	39,125	16,649	38,625	15,830
Saudi Arabia	189,586	8,559	185,033	8,105	188,478	8,014
Turkey (3)	199,263	2,918	145,573	2,101	183,120	2,604
Africa						
Morocco	35,047	1,204	36,710	1,241	38,694	1,287
South Africa	124,893	2,838	110,534	2,488	103,656	2,316
Oceania						
Australia	367,612	19,196	348,355	18,003	387,415	19,827
New Zealand	48,756	12,898	48,835	12,784	56,428	14,657
North America						
Canada	702,060	22,816	695,926	22,435	718,511	22,978
United States	9,848,000	34,554	10,104,100	35,081	10,436,700	35,860

(1) GNP is at market prices and calculated in US dollar according to the average foreign exchange rate.

(2) Per capita GNP is obtained through dividing GNP by mid-year population, expressed in US\$. (3) GDP at market prices.

(4) Exchange rates are for end of period.

Sources: 1. Directorate-General of Budget Accounting and Statistics, Executive Yuan R.O.C., *Quarterly National Economic Trends, Taiwan Area, Republic of China*, No. 104, Feb. 2004.

2. International Monetary Fund, *International Financial Statistics*, April 2004.

17-6b. Gross National Product and Per Capita GNP (Continued)

Country	2000		2001		2002	
	GNP (US\$ million)	Per Capita GNP (US\$)	GNP (US\$ million)	Per Capita GNP (US\$)	GNP (US\$ million)	Per Capita GNP (US\$)
Latin America						
Chile	72,546	4,767	65,474	4,246	69,341	4,442
Colombia (3)	83,766	1,989	81,724	1,908	81,235	1,866
Dominican, Rep. of	18,564	2,223	20,241	2,384	20,155	2,338
Ecuador (3)	15,934	1,283	21,024	1,666	24,311	1,898
El Salvador (4)	12,874	2,073	13,538	2,115	13,997	2,187
Guatemala	19,063	1,669	20,865	1,779	22,956	1,907
Honduras (4)	5,868	908	6,250	944	6,395	943
Mexico (3)	580,753	5,870	623,892	6,210	648,458	6,359
Panama (3)	10,972	3,719	11,044	3,669	...	...
Venezuela	120,055	4,945	124,688	5,038	92,480	3,665
Europe						
Austria	187,488	23,147	186,756	23,028	203,557	25,100
Belgium	232,172	22,651	230,872	22,480	248,447	24,121
Denmark	142,150	26,720	157,059	29,412	169,728	31,725
Finland	118,334	22,844	120,107	23,142	131,159	25,272
France	1,319,145	22,245	1,330,738	22,343	1,437,794	24,023
Germany	1,861,341	22,622	1,848,412	22,446	1,984,566	24,082
Greece	115,082	10,558	117,763	10,755	133,258	12,147
Ireland	81,400	21,309	86,379	22,320	97,678	24,982
Italy	1,065,966	18,526	1,084,027	18,846	1,172,878	20,405
Luxemburg (3)	19,624	44,600	19,687	44,743	21,080	46,845
Netherlands	372,213	23,410	380,492	23,811	409,844	25,504
Norway	165,268	36,973	168,809	37,597	190,959	42,341
Portugal (3)	106,455	10,624	110,115	10,979	121,664	12,106
Spain	555,556	13,633	576,286	14,097	647,468	15,800
Sweden	237,773	26,837	217,579	24,558	238,787	26,921
Switzerland (3)	240,289	33,513	245,260	34,206	267,740	37,342
United Kingdom	1,450,604	24,716	1,444,896	24,540	1,594,456	26,993

## 17-7. Savings and Investment

Country	2001						2002					
	Gross Savings		Gross Investment		Excess Savings		Gross Savings		Gross Investment		Excess Savings	
	amount	as % of GNP	amount	as % of GNP	amount	as % of GNP	amount	as % of GNP	amount	as % of GNP	amount	as % of GNP
Republic of China (NT\$ billion)	2,323	24.0	1,682	17.3	641	6.6	2,535	25.3	1,644	16.4	891	8.9
Canada (billion Canadian dollars)	249	23.1	215	19.9	34	3.2	254	22.5	230	20.4	24	2.1
Japan (billion yen)	140,822	27.4	130,289	25.3	10,533	2.0	133,082	26.3	119,094	23.5	13,988	2.8
Korea, Rep. of (billion Korean won)	166,336	30.2	148,211	26.9	18,125	3.3	173,728	29.1	155,323	26.0	18,405	3.1
Mainland China (billion yuan)	4,047	41.0	3,250	33.0	797	8.1	...	...	...	...	...	...
Malaysia (million ringgit)	107,767	34.9	80,077	25.9	27,690	9.0	115,508	34.4	88,189	26.3	27,319	8.1
Philippines (billion pesos)	932	23.8	759	19.4	173	4.4	1,077	25.1	776	18.1	300	7.0
Singapore (million Singapore dollars)	65,189	42.6	36,852	24.1	28,337	18.5	64,743	42.1	32,103	20.9	32,640	21.2
United Kingdom (billion pounds sterling)	145	14.5	170	17.0	-25	-2.5	152	14.3	172	16.2	-20	-1.9
United States (US\$ billion)	1,522	15.1	1,932	19.1	-410	-4.1	1,401	13.4	1,930	18.5	-529	-5.1

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Quarterly National Economic Trends, Taiwan Area, Republic of China*, Feb. 2004.

2. International Monetary Fund, *International Financial Statistics*, April 2004.

## 17-8. Structure of Gross Domestic Product by Industry

Unit: %

Country	GDP		Value Added as % of 2002 GDP		
	US\$ million 2002	Annual Growth Rate (%) 1990-2002	Agriculture	Industry	Services
1. Republic of China	281,921	5.4	2	31	67
2. Australia	409,420	3.8	...	...	...
3. Austria	204,066	2.2	2	32	66
4. Belgium	245,395	2.1	1	27	72
5. Brazil	452,387	2.7	6	21	73
6. Canada	714,327	3.2	...	...	...
7. Dominican Rep.	21,651	6.0	12	33	55
8. El Salvador	14,284	4.3	9	30	61
9. France	1,431,278	1.9	3	25	72
10. Germany	1,984,095	1.6	1	30	69
11. Honduras	6,564	3.1	13	31	56
12. Hong Kong	161,531	3.8	0	13	87
13. India	510,177	5.8	23	27	51
14. Indonesia	172,911	3.6	17	44	38
15. Italy	1,184,273	1.7	3	29	69
16. Japan	3,993,433	1.3	...	...	...
17. Korea, Rep. of	476,690	5.6	4	41	55
18. Mexico	637,203	3.0	4	27	69
19. Netherlands	417,910	2.9	3	26	71
20. New Zealand	58,581	3.2	...	...	...
21. Nicaragua	4,003	4.3	18	25	57
22. Panama	12,296	4.2	6	14	80
23. Philippines	77,954	3.5	15	33	53
24. Saudi Arabia	188,479	2.1	5	51	44
25. Singapore	86,969	6.7	0	36	64
26. Spain	653,075	2.8	3	30	66
27. South Africa	104,242	2.2	4	32	64
28. Thailand	126,905	3.7	9	43	48
29. United Kingdom	1,566,283	2.6	1	26	73
30. United States	10,383,100	3.3	...	...	...

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Statistical Abstract of National Income in Taiwan Area, Republic of China, 1951-2004*, March 2004.

2. World Bank, <http://devdata.worldbank.org/data-query/>

## 17-9. 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	2003	100.0	75.6	62.8	12.8	17.2	17.5	-0.3	58.1	50.9	-
2. Argentina	2002	100.0	73.9	61.7	12.2	10.9	12.0	-1.1	27.7	12.5	-
3. Belgium	2002	100.0	76.9	54.6	22.3	19.6	20.0	-0.4	83.9	80.4	-
4. Brazil	2002	100.0	78.1	58.0	20.1	19.8	18.3	1.4	15.5	13.4	-
5. Canada	2002	100.0	75.8	56.8	19.0	19.8	19.7	0.2	41.1	36.7	-
6. Dominican Rep.	2002	100.0	85.5	75.9	9.6	23.3	23.0	0.3	38.4	47.2	-
7. El Salvador	2002	100.0	98.3	88.7	9.6	16.4	16.4	0.0	26.6	41.3	-
8. France	2002	100.0	78.7	54.8	23.9	19.2	19.4	-0.2	27.1	25.0	-
9. Germany	2002	100.0	77.8	58.6	19.2	17.9	18.5	-0.6	35.9	31.6	-
10. Guatemala	2002	100.0	93.4	86.2	7.2	18.8	15.6	3.2	16.3	28.5	-
11. Hong Kong	2002	100.0	68.2	57.8	10.4	23.4	23.2	0.2	(1)150.8	142.4	-
12. Honduras	2002	100.0	87.8	74.0	13.8	27.9	22.2	5.7	37.3	53.0	-
13. Indonesia	2002	100.0	78.9	70.7	8.2	14.3	20.2	-5.9	35.4	28.6	-
14. Italy	2002	100.0	79.1	60.1	19.0	19.9	19.7	0.2	27.0	26.0	-
15. Japan	2002	100.0	74.8	57.1	17.7	23.9	24.2	-0.3	11.2	9.9	-
16. Korea, Rep. of	2002	100.0	70.8	60.2	10.6	26.0	26.7	-0.7	40.0	38.6	1.8
17. Mexico	2002	100.0	81.1	69.0	12.1	20.8	19.3	1.5	26.8	28.7	-
18. Netherlands	2002	100.0	74.4	49.9	24.5	20.1	20.7	-0.6	62.6	57.5	0.4
19. New Zealand	2002	100.0	77.9	59.9	18.0	20.6	20.0	0.6	32.7	31.2	-
20. Nicaragua	2002	100.0	109.8	92.9	16.9	36.4	35.4	1.0	31.9	78.1	-
21. Philippines	2002	100.0	80.6	68.4	12.2	19.3	19.2	0.1	48.9	49.5	0.7
22. Paraguay	2002	100.0	93.8	86.1	7.7	19.1	18.2	0.9	30.7	43.6	-
23. Saudi Arabia	2002	100.0	62.6	36.9	25.7	19.6	18.4	1.2	40.8	23.0	-
24. Singapore	2002	100.0	55.8	42.9	12.9	20.6	25.7	-5.1	24.1	-	-0.5
25. Spain	2002	100.0	75.9	58.1	17.8	25.6	25.1	0.5	28.4	29.9	-
26. South Africa	2002	100.0	80.3	61.6	18.7	15.8	14.9	0.9	33.3	29.9	0.5
27. Thailand	2002	100.0	67.8	56.6	11.2	23.8	23.0	0.8	64.7	57.5	1.2
28. United Kingdom	2002	100.0	86.4	66.3	20.1	16.6	16.4	0.2	26.2	29.2	-
29. United States	2002	100.0	85.7	70.5	15.2	18.4	18.3	0.1	9.6	13.7	-

(1) Including domestic exports and re-exports.

Sources: 1. Directorate-General of Budget, Accounting and Statistics, Executive Yuan, R.O.C., *Quarterly National Economic Trends, Taiwan Area, Republic of China*, Feb. 2004.2. International Monetary Fund, *International Financial Statistics*, April 2004.

## 17-10. External Debt

Country	Period		Present Value Percentage of GNP (%) 2000
	1990 (US\$ million)	2000 (US\$ million)	
1. Republic of China	121	38,628	13
2. Argentina	62,730	146,172	56
3. Brazil	119,877	237,953	39
4. Chile	19,227	36,978	51
5. Colombia	17,222	34,081	41
6. Costa Rica	3,756	4,466	31
7. Dominican Rep.	4,372	4,598	23
8. Ecuador	12,109	13,281	108
9. El Salvador	2,148	4,023	29
11. Guatemala	3,080	4,622	23
12. Honduras	3,724	5,487	54
13. India	83,717	99,062	0
14. Indonesia	69,872	141,803	96
15. Iran	9,021	7,953	7
16. Korea, Rep. of	34,986	134,417	28
18. Malaysia	15,328	41,797	52
19. Mexico	104,431	150,288	28
20. Nicaragua	10,708	7,019	...
21. Pakistan	20,663	32,091	45
22. Philippines	30,580	50,063	64
23. Sri Lanka	5,863	9,065	44
24. Thailand	28,165	79,675	64
25. Turkey	49,424	116,209	57
26. Venezuela	33,170	38,196	32

Sources: 1. The Central Bank of China, R.O.C., *Financial Statistics Monthly, Taiwan Area, Republic of China*, April 2003.

2. World Bank, *World Development Report*, 2003.

## 17-11. Indices of Total Food Production

Base: 1989-1991=100

Country	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Argentina	106.8	105.8	113.5	118.9	122.9	125.8	134.7	142.6	141.4	141.9	142.6	148.8
2. Australia	108.7	114.9	103.7	118.9	132.6	130.2	139.2	149.2	144.7	154.1	125.2	150.7
3. Canada	102.8	103.1	108.3	111.2	118.1	117.6	125.8	135.8	132.0	119.3	114.4	126.6
4. Dominican Rep.	101.9	102.3	101.0	99.0	103.8	103.4	102.5	99.6	102.1	109.3	112.2	110.6
5. El Salvador	109.7	107.2	104.0	103.9	104.8	115.8	114.0	119.0	120.3	117.3	119.2	119.0
6. France	105.6	98.5	98.0	101.0	106.4	107.0	108.3	108.7	106.4	100.9	106.6	101.8
7. Germany	93.5	89.9	87.7	89.4	91.8	92.4	94.3	98.8	98.5	98.1	94.7	91.0
8. Guatemala	102.9	106.1	110.3	119.6	123.1	127.9	131.8	129.7	132.6	136.5	139.5	139.5
9. Honduras	102.8	104.0	113.9	113.9	126.6	122.0	121.3	109.8	117.5	117.5	128.9	131.0
10. India	104.9	108.4	111.9	115.0	119.1	121.9	124.7	130.2	130.5	132.4	128.4	135.1
11. Indonesia	111.2	113.0	114.3	125.5	124.6	118.9	118.2	119.7	123.0	122.8	126.0	127.2
12. Italy	105.6	101.8	101.7	99.9	102.4	101.0	102.1	108.0	104.8	103.8	100.5	99.6
13. Japan	101.0	94.3	99.8	97.4	95.5	95.8	91.7	92.9	92.6	90.6	92.4	90.7
14. Korea, Rep. of	110.9	110.5	112.0	113.2	121.1	126.6	125.6	132.2	132.5	133.5	128.6	127.8
15. Malaysia	110.5	121.0	122.6	124.5	128.6	130.6	128.5	134.3	136.2	143.1	145.9	154.4
16. Netherlands	109.9	105.3	104.0	103.2	104.2	96.2	98.8	104.7	101.3	96.5	98.8	98.3
17. New Zealand	105.3	108.6	115.0	117.1	120.1	127.0	128.2	121.3	130.2	136.2	139.0	143.9
18. Nicaragua	103.6	114.1	116.3	116.2	121.4	122.7	130.2	128.4	149.6	152.8	160.5	168.5
19. Pakistan	106.2	113.8	117.2	127.2	132.8	134.2	140.7	143.3	147.7	144.6	147.1	152.2
20. Panama	97.7	101.8	102.7	103.2	104.3	102.8	102.4	104.0	103.8	101.3	102.9	106.8
21. Philippines	101.7	107.5	110.2	112.1	122.0	124.6	115.4	126.2	131.0	136.4	144.2	141.2
22. Sri Lanka	101.2	106.4	114.4	117.5	103.3	106.4	111.8	117.0	119.6	116.0	117.6	122.1
23. Thailand	107.8	106.3	110.4	111.4	113.3	116.0	112.6	115.3	120.0	125.1	123.9	130.1
24. United Kingdom	102.7	99.7	100.2	101.5	100.4	99.8	100.1	99.5	96.8	87.4	94.5	93.4
25. United States	109.7	99.9	115.6	109.1	114.3	118.5	120.5	121.8	124.3	122.0	121.8	124.8
26. Venezuela	104.6	109.6	106.8	107.0	111.9	120.3	119.6	122.4	133.6	140.8	140.6	144.8

Source: See (2) of Table 17-4.

## 17-12. Indices of Per Capita Food Production

Base: 1989-1991=100

Country	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
1. Argentina	104.0	101.7	107.7	111.3	113.5	114.8	121.3	126.7	124.2	123.0	122.2	126.0
2. Australia	105.6	110.2	98.1	111.1	122.3	118.6	125.4	133.0	127.6	134.4	108.2	129.0
3. Canada	100.3	99.4	103.3	105.0	110.3	108.8	115.3	123.3	118.9	106.6	101.4	111.3
4. Dominican Rep.	98.5	97.2	94.4	90.9	93.7	91.8	89.5	85.5	86.2	90.9	91.9	89.2
5. El Salvador	105.5	100.9	95.8	93.8	92.7	100.6	97.3	99.7	99.1	95.1	95.0	93.4
6. France	104.6	97.0	96.1	98.6	103.4	103.6	104.4	104.4	101.8	96.1	101.1	96.1
7. Germany	92.4	88.3	85.6	87.0	89.0	89.4	91.2	95.4	95.1	94.6	91.3	87.7
8. Guatemala	97.8	98.2	99.5	104.9	105.1	106.3	106.6	102.1	101.6	101.8	101.5	98.9
9. Honduras	96.8	95.2	101.3	98.4	106.4	99.6	96.4	85.0	88.6	86.4	92.6	91.9
10. India	100.8	102.2	103.6	104.4	106.2	106.8	107.4	110.2	108.6	108.4	103.6	107.3
11. Indonesia	107.6	107.6	107.2	115.9	113.4	106.7	104.6	104.4	105.9	104.3	105.7	105.3
12. Italy	105.3	101.2	100.8	98.9	101.2	99.7	100.7	106.5	103.4	102.4	99.2	98.4
13. Japan	100.4	93.4	98.6	95.9	93.7	93.8	89.5	90.5	90.1	87.9	89.4	87.7
14. Korea, Rep. of	108.7	107.2	107.6	107.8	114.2	118.5	116.6	121.9	121.3	121.4	116.2	114.8
15. Malaysia	104.9	111.9	110.4	109.2	109.9	108.9	104.4	106.6	105.7	108.8	108.7	112.9
16. Netherlands	108.4	103.2	101.2	99.9	100.2	92.0	94.0	99.0	95.4	90.3	92.0	91.0
17. New Zealand	102.6	104.3	108.7	109.3	110.7	115.9	116.0	108.8	115.7	120.0	121.6	124.9
18. Nicaragua	98.0	104.7	103.6	100.5	102.0	100.3	103.5	99.4	112.8	112.3	115.1	118.0
19. Pakistan	101.1	105.8	106.4	112.7	114.7	112.9	115.2	114.3	114.8	109.6	108.8	109.9
20. Panama	94.0	95.7	94.6	93.1	92.2	89.1	87.0	86.7	84.8	81.2	81.0	82.5
21. Philippines	97.1	100.3	100.6	100.2	106.7	106.7	96.8	103.8	105.8	108.0	112.2	107.9
22. Sri Lanka	98.7	102.8	109.4	111.1	96.8	98.8	103.0	106.7	108.3	104.0	104.7	107.8
23. Thailand	105.0	102.3	105.0	104.8	105.4	106.8	102.6	104.0	107.1	110.5	108.4	112.6
24. United Kingdom	102.1	98.7	98.5	99.9	98.5	97.5	97.5	96.5	93.7	84.2	90.8	89.4
25. United States	107.4	96.8	110.8	103.4	107.1	109.8	110.4	110.4	111.6	108.4	107.0	108.5
26. Venezuela	99.7	102.0	97.2	95.3	98.1	102.6	100.0	100.3	107.3	110.9	108.7	109.8

Source: See (2) of Table 17-4.

## 17-13. Indices of Industrial Production

Base: 1995=100

Country	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
1. Republic of China	86	90	96	100	102	110	112	121	130	121	128
2. Australia	93	94	97	100	103	105	108	110	115	117	119
3. Austria	84	83	83	100	101	107	116	123	134	137	138
4. Belgium	97	92	94	100	101	105	109	110	115	115	117
5. Brazil	85	92	109	100	102	106	103	103	110	112	114
6. Canada	86	90	96	100	101	106	110	116	126	122	125
7. Chile	87	89	93	100	108	116	119	125	130	132	133
8. France	96	92	98	100	111	105	110	112	116	118	117
9. Germany	102	94	98	100	101	104	109	110	117	118	116
10. Greece	100	97	98	100	101	103	112	114	123	124	126
11. India	77	81	89	100	106	113	118	126	132	135	143
12. Indonesia (1)	82	97	91	100	101	106	87	88	92	91	84
13. Ireland	70	74	83	100	108	127	152	175	202	222	240
14. Israel	81	86	92	100	105	107	110	112	123	116	116
15. Italy	93	91	95	100	99	102	104	104	108	107	105
16. Japan	101	96	97	100	102	106	99	100	106	99	98
17. Korea, Rep. of	77	80	89	100	108	114	106	132	154	155	168
18. Mexico	102	102	109	100	110	120	128	133	142	136	136
19. Netherlands	94	92	97	100	102	103	105	106	110	111	110
20. New Zealand	86	89	95	100	102	104	104	101	104	107	107
21. Pakistan	91	95	97	100	98	105	107	108	115	123	...
22. Singapore (1)	73	80	91	100	103	108	108	123	141	125	136
23. Spain	93	89	96	100	99	106	112	115	119	118	118
24. Sweden	83	82	92	100	101	107	112	115	124	119	118
25. Switzerland	96	94	98	100	100	105	108	112	122	121	115
26. United Kingdom	92	93	98	100	101	103	104	105	107	105	103
27. United States	87	91	95	100	104	112	118	124	129	125	124

(1) Manufacturing only.

Sources: 1. Ministry of Economic Affairs, R.O.C., *Industrial Production Statistics Monthly, Taiwan Area, Republic of China*, April 2004.2. United Nations, *Monthly Bulletin of Statistics*, Jan. 2004.

## 17-14. Wholesale Price Indices

Base: 1990=100

Country	1998	1999	2000	2001	2002	Country	1998	1999	2000	2001	2002
1. Argentina	241	232	241	235	417	20. Japan	93	91	91	91	90
2. Australia (1)	109	114	118	122	...	21. Korea, Rep. of	141	138	140	140	139
3. Austria	102	101	105	106	106	22. Luxembourg (1)	97	93	97	98	98
4. Belgium (1)	103	102	111	113	...	23. Mexico	379	438	474	500	520
5. Brazil						24. Netherlands (1)	102	102	110	113	113
(Base: 1994=100)	189	220	261	293	339	25. New Zealand (2)					
6. Canada	103	111	136	134	...	(Base: 1997=100)	99	99	110	137	136
7. Colombia						26. Pakistan	227	229	238	250	...
(Base: 1999=100)	95	100	119	128	...	27. Panama	106	109	119	...	...
8. Chile	188	198	220	237	254	28. Peru	1,548	1,624	1,694	1,708	1,700
9. Cyprus (1)	124	126	135	...	...	29. Romania (1)	37,810	53,757	81,488	118,223	147,499
10. Denmark	105	106	112	115	115	30. Singapore	79	80	88	87	86
11. Egypt	186	188	185	181	...	31. Spain	120	121	128	130	131
12. Finland	106	106	115	115	113	32. Sri Lanka	199	198	212	...	...
13. France (2)	90	86	88	91	...	33. Sweden	119	120	127	131	132
14. Germany						34. Switzerland	97	95	98	98	...
(Base: 1991=100)	103	102	106	110	110	35. Thailand	147	138	157	145	147
15. Greece	189	193	205	210	215	36. Turkey	9,000	13,776	20,861	33,718	...
16. India	197	203	210	220	225	37. United					
17. Indonesia	319	355	404	462	474	Kingdom (1)	123	122	123	124	124
18. Ireland	112	112	119	119	...	38. United States	107	108	114	115	113
19. Italy	135	134	142	145	145	39. Venezuela	1,846	2,145	2,427	2,801	...

(1) Industrial products.

(2) Agricultural products.

Source: United Nations, *Monthly Bulletin of Statistics*, Feb. 2004.

## 17-15. Consumer Price Indices

Base: 1990=100

Country	1998	1999	2000	2001	2002	Country	1998	1999	2000	2001	2002
1. Argentina	410.7	405.9	402.1	397.8	500.7	20. Italy	138.0	140.3	144.0	148.0	151.7
2. Australia	117.3	119.1	124.4	129.8	133.8	21. Japan	109.7	109.4	108.6	107.8	106.9
3. Austria	122.0	122.7	125.7	129.0	131.3	22. Korea, Rep. of	159.2	160.5	164.1	170.9	175.5
4. Belgium	118.2	119.5	122.5	125.6	127.6	23. Kenya	377.8	387.7	410.5	425.2	432.3
5. Brazil						24. Malaysia	135.8	139.5	141.7	143.7	146.3
(Base: 1994=100)	212.0	222.4	238.0	254.3	275.8	25. Netherlands	121.6	124.2	127.4	133.2	137.1
6. Canada	116.4	118.5	121.7	124.8	127.6	26. New Zealand	116.1	116.0	119.0	122.2	125.4
7. Costa Rica	357.6	393.5	436.7	485.8	530.4	27. Pakistan	221.9	231.1	241.2	249.0	259.0
8. Dominican Rep.	235.3	250.5	269.9	...	309.2	28. Panama	109.3	110.7	112.3	112.6	113.8
9. Egypt	207.5	218.4	224.4	229.4	235.7	29. Philippines	204.0	217.6	227.0	240.8	248.3
10. El Salvador	215.9	217.0	221.9	230.2	234.5	30. Puerto Rico	138.2	146.1	155.5	166.4	176.6
11. France	116.0	116.6	118.6	120.5	122.8	31. Saudi Arabia	111.3	109.9	109.2	108.3	107.7
12. Germany						32. Singapore	117.0	117.1	118.7	119.8	119.7
(Base: 1991=100)	119.7	120.4	122.7	125.8	127.4	33. South Africa	212.6	223.7	235.6	248.9	271.8
13. Greece	229.0	235.0	242.4	250.7	259.7	34. Spain	138.3	141.6	146.4	151.6	156.2
14. Guatemala	266.4	280.2	297.0	318.7	344.6	35. Sri Lanka	226.5	237.2	251.8	287.5	314.9
15. Honduras	430.2	480.4	533.7	585.0	629.8	36. Switzerland	118.4	119.4	121.2	122.4	123.2
16. Hong Kong	182.1	174.8	168.5	165.8	160.7	37. Thailand	152.7	153.2	154.8	158.1	159.1
17. India	217.7	228.0	237.1	246.2	256.5	38. United Kingdom	129.2	131.2	135.1	137.5	139.7
18. Indonesia	278.1	335.1	347.5	387.4	433.5	39. United States	124.8	122.5	131.7	135.5	137.6
19. Israel	233.7	245.8	248.6	251.4	265.5	40. Viet Nam	408.3	425.8	419.0	417.7	434.4

Source: United Nations, *Monthly Bulletin of Statistics*, Jan. 2004.

## **APPENDICES**

## 1. Conversion Tables

### Weight

hg.	kg.	m. t.	oz.	lb. (pound)	Imp. cwt.	l. t.	U.S. cwt.	s. t.
1	0.100000	0.000100	3.527396	0.220462	0.001968	0.000098	0.002205	0.000110
10.0000	1	0.001000	35.27396	2.204622	0.019684	0.000984	0.022046	0.001102
10000.00	1000.000	1	35273.961	2204.622	19.68413	0.984206	22.04622	1.102311
0.283495	0.028349	0.000028	1	0.062500	0.000558	0.000028	0.000625	0.000031
4.535924	0.453592	0.000454	16.000	1	0.008929	0.000446	0.010000	0.000500
508.0235	50.80235	0.050802	1792.000	112.000	1	0.050000	1.120000	0.056000
10160.47	1016.047	1.016047	35840.000	2240.000	20.00000	1	22.40000	1.120000
453.5924	45.35924	0.045359	1600.000	100.000	0.892857	0.044643	1	0.050000
9071.85	907.185	0.907185	32000.000	2000.000	17.85714	0.892857	20.00000	1

### Length

cm.	m.	km.	in.	ft.	yd.	mi.
1	0.01000	0.000010	0.393700	0.032808	0.010936	0.000006
100.000	1	0.001000	39.37000	3.280833	1.093611	0.000621
100000.0	1000.000	1	39370.000	3280.833	1093.611	0.621370
2.540005	0.025400	0.000025	1	0.83333	0.027778	0.000016
30.48006	0.304801	0.000305	12.000	1	0.333333	0.000189
91.44018	0.914402	0.000914	36.000	3.000	1	0.000568
160934.7	1609.347	1.609347	63360.000	5280.000	1760.000	1

### Area

m <sup>2</sup> (sq.m.)	are	ha. (hectare)	km <sup>2</sup> (sq. km.)	sq. ft.	sq. yd.	acre	sq. mi.
1	0.010000	0.000100	0.000001	10.76386	1.195985	0.000247	0.000004
100.000	1	0.010000	0.000100	1076.386	119.5985	0.024710	0.000039
10000.000	100.000	1	0.010000	107638.6	11959.85	2.471045	0.003861
1000000.000	10000.000	100.0000	1	10763865.	1195985.	247.1045	0.386101
0.092903	0.000929	0.000009	0.0000001	1	0.111111	0.000023	0.00000004
0.836131	0.008361	0.000084	0.000001	9.000	1	0.000207	0.0000003
4046.873	40.46873	0.404687	0.004047	43560.000	4840.00	1	0.0015625
2589998.	25899.98	258.9998	2.589998	27878400.	3097600.	640.000	1

1. Conversion Tables (Continued)

Volume-Liquid Measure

l.	hl.	kl.	Imp. gal.	U.S. gal.	U.S. bbl.
1	0.01000	0.001000	0.21997	0.26418	0.00629
100.0000	1	0.100000	21.9975	26.4178	0.62899
1000.0000	10.00000	1	219.975	264.178	6.28994
4.54596	0.04546	0.004546	1	1.20094	0.02859
3.78533	0.03785	0.003785	0.83268	1	0.02381
158.984	1.58984	0.158984	34.9726	42.0000	1

Volume-Dry Measure

l.	hl.	dm <sup>3</sup>	m <sup>3</sup>	cu. in	cu. ft.	cu. yd.	Imp. qt.	Imp. bu.	U.S. qt.	U.S. bu.
1	0.010000	1.000028	0.001000	61.02510	0.035315	0.001308	0.879902	0.027497	0.908110	0.028378
100.0000	1	100.0028	0.100003	6102.510	3.531544	0.130798	87.9902	2.74969	90.8110	2.83782
0.999972	0.010000	1	0.001000	61.02338	0.035314	0.001308	0.879870	0.027496	0.908077	0.028377
999.972	9.999720	1000.000	1	61023.38	35.31445	1.307943	879.8699	27.49593	908.0775	28.37742
0.016387	0.000164	0.016387	0.000016	1	0.000579	0.000021	0.014419	0.000451	0.014881	0.000465
28.31621	0.283162	28.31701	0.028317	1728.00	1	0.037037	24.91529	0.778603	25.71405	0.803564
764.5377	7.645377	764.5593	0.764559	46656.00	27.0000	1	672.71285	21.02228	694.2792	21.69623
1.13649	0.011365	1.136532	0.001136	69.3550	0.040136	0.001487	1	0.031250	1.032059	0.032252
36.3680	0.363680	36.36901	0.036369	2219.36	1.284352	0.047568	32.0000	1	33.02588	1.032059
1.101197	0.011012	1.101228	0.001101	67.20063	0.038889	0.001440	0.968937	0.030279	1	0.031250
35.23830	0.352383	35.23928	0.035239	2150.42	1.244456	0.046091	31.00598	0.968937	32.00000	1

## 2. Amount of 1 at Compound Interest

Year	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%	1.0%	1.1%	1.2%	1.3%	1.4%
1	1.001	1.002	1.003	1.004	1.005	1.006	1.007	1.008	1.009	1.010	1.011	1.012	1.013	1.014
2	1.002	1.004	1.006	1.008	1.010	1.012	1.014	1.016	1.018	1.020	1.022	1.024	1.026	1.028
3	1.003	1.006	1.009	1.012	1.015	1.018	1.021	1.024	1.027	1.030	1.033	1.036	1.040	1.043
4	1.004	1.008	1.012	1.016	1.020	1.024	1.028	1.032	1.036	1.041	1.045	1.049	1.053	1.057
5	1.005	1.010	1.015	1.020	1.025	1.030	1.035	1.041	1.046	1.051	1.056	1.061	1.067	1.072
6	1.006	1.012	1.018	1.024	1.030	1.037	1.043	1.049	1.055	1.062	1.068	1.074	1.081	1.087
7	1.007	1.014	1.021	1.028	1.036	1.043	1.050	1.057	1.065	1.072	1.080	1.087	1.095	1.102
8	1.008	1.016	1.024	1.032	1.041	1.049	1.057	1.066	1.074	1.083	1.091	1.100	1.109	1.118
9	1.009	1.018	1.027	1.037	1.046	1.055	1.065	1.074	1.084	1.094	1.103	1.113	1.123	1.133
10	1.010	1.020	1.030	1.041	1.051	1.062	1.072	1.083	1.094	1.105	1.116	1.127	1.138	1.149
11	1.011	1.022	1.033	1.045	1.056	1.068	1.080	1.092	1.104	1.116	1.128	1.140	1.153	1.165
12	1.012	1.024	1.037	1.049	1.062	1.074	1.087	1.100	1.114	1.127	1.140	1.154	1.168	1.182
13	1.013	1.026	1.040	1.053	1.067	1.081	1.095	1.109	1.124	1.138	1.153	1.168	1.183	1.198
14	1.014	1.028	1.043	1.057	1.072	1.087	1.103	1.118	1.134	1.149	1.166	1.182	1.198	1.215
15	1.015	1.030	1.046	1.062	1.078	1.094	1.110	1.127	1.144	1.161	1.178	1.196	1.214	1.232
16	1.016	1.032	1.049	1.066	1.083	1.100	1.118	1.136	1.154	1.173	1.191	1.210	1.230	1.249
17	1.017	1.035	1.052	1.070	1.088	1.107	1.126	1.145	1.165	1.184	1.204	1.225	1.246	1.267
18	1.018	1.037	1.055	1.074	1.094	1.114	1.134	1.154	1.175	1.196	1.218	1.239	1.262	1.284
19	1.019	1.039	1.059	1.079	1.099	1.120	1.142	1.163	1.186	1.208	1.231	1.254	1.278	1.302
20	1.020	1.041	1.062	1.083	1.105	1.127	1.150	1.173	1.196	1.220	1.245	1.269	1.295	1.321

2. Amount of 1 at Compound Interest (Continued)

Year	1.5%	1.6%	1.7%	1.8%	1.9%	2.0%	2.5%	3.0%	3.5%	4.0%	4.5%	5.0%	5.5%	6.0%
1	1.015	1.016	1.017	1.018	1.019	1.020	1.025	1.030	1.035	1.040	1.045	1.050	1.055	1.060
2	1.030	1.032	1.034	1.036	1.038	1.040	1.051	1.061	1.071	1.082	1.092	1.103	1.113	1.124
3	1.046	1.049	1.052	1.055	1.058	1.061	1.077	1.093	1.109	1.125	1.141	1.158	1.174	1.191
4	1.061	1.066	1.070	1.074	1.078	1.082	1.104	1.126	1.148	1.170	1.193	1.216	1.239	1.262
5	1.077	1.083	1.088	1.093	1.099	1.104	1.131	1.159	1.188	1.217	1.246	1.276	1.307	1.338
6	1.093	1.100	1.106	1.113	1.120	1.126	1.160	1.194	1.229	1.265	1.302	1.340	1.379	1.419
7	1.110	1.118	1.125	1.133	1.141	1.149	1.189	1.230	1.272	1.316	1.361	1.407	1.455	1.504
8	1.126	1.135	1.144	1.153	1.162	1.172	1.218	1.267	1.317	1.369	1.422	1.477	1.535	1.594
9	1.143	1.154	1.164	1.174	1.185	1.195	1.249	1.305	1.363	1.423	1.486	1.551	1.619	1.689
10	1.161	1.172	1.184	1.195	1.207	1.219	1.280	1.344	1.411	1.480	1.553	1.629	1.708	1.791
11	1.178	1.191	1.204	1.217	1.230	1.243	1.312	1.384	1.460	1.539	1.623	1.710	1.802	1.898
12	1.196	1.210	1.224	1.239	1.253	1.268	1.345	1.426	1.511	1.601	1.696	1.796	1.901	2.012
13	1.214	1.229	1.245	1.261	1.277	1.294	1.379	1.469	1.564	1.665	1.772	1.886	2.006	2.133
14	1.232	1.249	1.266	1.284	1.301	1.319	1.413	1.513	1.619	1.732	1.852	1.980	2.116	2.261
15	1.250	1.269	1.288	1.307	1.326	1.346	1.448	1.558	1.675	1.801	1.935	2.079	2.232	2.397
16	1.269	1.289	1.310	1.330	1.351	1.373	1.485	1.605	1.734	1.873	2.022	2.183	2.355	2.540
17	1.288	1.310	1.332	1.354	1.377	1.400	1.552	1.653	1.795	1.948	2.113	2.292	2.485	2.693
18	1.307	1.331	1.354	1.379	1.403	1.428	1.560	1.702	1.857	2.026	2.208	2.407	2.621	2.854
19	1.327	1.352	1.378	1.403	1.430	1.457	1.599	1.753	1.922	2.107	2.308	2.527	2.766	3.026
20	1.347	1.374	1.401	1.429	1.457	1.486	1.639	1.806	1.990	2.191	2.412	2.653	2.918	3.207

2. Amount of 1 at Compound Interest (Continued)

Year	6.5%	7.0%	7.5%	8.0%	8.5%	9.0%	9.5%	10.0%	10.5%	11.0%	11.5%	12.0%	12.5%	13.0%
1	1.065	1.070	1.075	1.080	1.085	1.090	1.095	1.100	1.105	1.110	1.115	1.120	1.125	1.130
2	1.134	1.145	1.156	1.166	1.177	1.188	1.199	1.210	1.221	1.232	1.243	1.254	1.266	1.277
3	1.208	1.225	1.242	1.260	1.277	1.295	1.313	1.331	1.349	1.368	1.386	1.405	1.424	1.443
4	1.286	1.311	1.335	1.360	1.386	1.412	1.438	1.464	1.491	1.518	1.546	1.574	1.602	1.630
5	1.370	1.403	1.436	1.469	1.504	1.539	1.574	1.611	1.647	1.685	1.723	1.762	1.802	1.842
6	1.459	1.501	1.543	1.587	1.631	1.677	1.724	1.772	1.820	1.870	1.922	1.974	2.027	2.082
7	1.554	1.606	1.659	1.714	1.770	1.828	1.888	1.949	2.012	2.076	2.143	2.211	2.281	2.353
8	1.655	1.718	1.783	1.851	1.921	1.993	2.067	2.144	2.223	2.305	2.389	2.476	2.566	2.658
9	1.763	1.838	1.917	1.999	2.084	2.172	2.263	2.358	2.456	2.558	2.664	2.773	2.887	3.004
10	1.877	1.967	2.061	2.159	2.261	2.367	2.478	2.594	2.714	2.839	2.970	3.106	3.247	3.395
11	1.999	2.105	2.216	2.332	2.453	2.580	2.714	2.853	2.999	3.152	3.311	3.479	3.653	3.836
12	2.129	2.252	2.382	2.518	2.662	2.813	2.971	3.138	3.314	3.498	3.692	3.896	4.110	4.335
13	2.267	2.410	2.560	2.720	2.888	3.066	3.254	3.452	3.662	3.883	4.117	4.363	4.624	4.898
14	2.415	2.579	2.752	2.937	3.133	3.342	3.563	3.797	4.046	4.310	4.590	4.887	5.202	5.535
15	2.572	2.759	2.959	3.172	3.400	3.642	3.901	4.177	4.471	4.785	5.118	5.474	5.852	6.254
16	2.739	2.952	3.181	3.426	3.689	3.970	4.272	4.595	4.941	5.311	5.707	6.130	6.583	7.067
17	2.917	3.159	3.419	3.700	4.002	4.328	4.678	5.054	5.460	5.895	6.363	6.866	7.406	7.986
18	3.107	3.380	3.676	3.996	4.342	4.717	5.122	5.560	6.033	6.544	7.095	7.690	8.332	9.024
19	3.309	3.617	3.951	4.316	4.712	5.142	5.609	6.116	6.666	7.263	7.911	8.613	9.373	10.197
20	3.524	3.870	4.248	4.661	5.112	5.604	6.142	6.727	7.366	8.062	8.821	9.646	10.545	11.523

2. Amount of 1 at Compound Interest (Continued)

Year	13.5%	14.0%	14.5%	15.0%	15.5%	16.0%	16.5%	17.0%	17.5%	18.0%	18.5%	19.0%	19.5%
1	1.135	1.140	1.145	1.150	1.155	1.160	1.165	1.170	1.175	1.180	1.185	1.190	1.195
2	1.288	1.300	1.311	1.323	1.334	1.346	1.357	1.369	1.381	1.392	1.404	1.416	1.428
3	1.462	1.482	1.501	1.521	1.541	1.561	1.581	1.602	1.622	1.643	1.664	1.685	1.706
4	1.660	1.689	1.719	1.749	1.780	1.811	1.842	1.874	1.906	1.939	1.972	2.005	2.039
5	1.884	1.925	1.968	2.011	2.055	2.100	2.146	2.192	2.240	2.288	2.337	2.386	2.437
6	2.138	2.195	2.253	2.313	2.374	2.436	2.500	2.565	2.632	2.700	2.769	2.840	2.912
7	2.426	2.502	2.580	2.660	2.742	2.826	2.913	3.001	3.092	3.185	3.281	3.379	3.480
8	2.754	2.853	2.954	3.059	3.167	3.278	3.393	3.511	3.633	3.759	3.888	4.021	4.159
9	3.126	3.252	3.383	3.518	3.658	3.803	3.953	4.108	4.269	4.435	4.607	4.785	4.969
10	3.548	3.707	3.873	4.046	4.335	4.411	4.605	4.807	5.016	5.234	5.460	5.695	5.939
11	4.027	4.226	4.435	4.652	4.880	5.117	5.365	5.624	5.894	6.176	6.470	6.777	7.097
12	4.570	4.818	5.078	5.350	5.636	5.936	6.250	6.580	6.926	7.288	7.667	8.064	8.480
13	5.187	5.492	5.814	6.153	6.510	6.886	7.282	7.699	8.138	8.599	9.085	9.596	10.134
14	5.888	6.261	6.657	7.076	7.519	7.988	8.483	9.007	9.562	10.147	10.766	11.420	12.110
15	6.682	7.138	7.622	8.137	8.684	9.266	9.883	10.539	11.235	11.974	12.758	13.590	14.472
16	7.585	8.137	8.727	9.358	10.030	10.748	11.514	12.330	13.201	14.129	15.118	16.172	17.294
17	8.609	9.276	9.993	10.761	11.585	12.468	13.413	14.426	15.511	16.672	17.915	19.244	20.666
18	9.771	10.575	11.442	12.375	13.381	14.462	15.627	16.879	18.226	19.673	21.229	22.900	24.696
19	11.090	12.056	13.101	14.232	15.455	16.776	18.205	19.748	21.415	23.214	25.156	27.252	29.511
20	12.587	13.743	15.001	16.336	17.850	19.461	21.209	23.106	25.163	27.393	29.810	32.429	35.266

2. Amount of 1 at Compound Interest (Continued)

Year	20.0%	21.0%	22.0%	23.0%	24.0%	25.0%	26.0%	27.0%	28.0%	29.0%	30.0%	35.0%	40.0%
1	1.200	1.210	1.220	1.230	1.240	1.250	1.260	1.270	1.280	1.290	1.300	1.350	1.400
2	1.440	1.464	1.488	1.513	1.538	1.563	1.588	1.613	1.638	1.664	1.690	1.823	1.960
3	1.728	1.772	1.816	1.861	1.907	1.953	2.000	2.048	2.097	2.147	2.197	2.460	2.744
4	2.074	2.144	2.215	2.289	2.364	2.441	2.520	2.601	2.684	2.769	2.856	3.322	3.842
5	2.488	2.594	2.703	2.815	2.932	3.052	3.176	3.304	3.436	3.572	3.713	4.484	5.378
6	2.986	3.138	3.297	3.463	3.635	3.815	4.002	4.196	4.398	4.608	4.827	6.053	7.530
7	3.583	3.797	4.023	4.259	4.508	4.768	5.042	5.329	5.629	5.945	6.275	8.172	10.541
8	4.300	4.595	4.908	5.239	5.590	5.960	6.353	6.768	7.206	7.669	8.157	11.032	14.758
9	5.160	5.560	5.987	6.444	6.931	7.451	8.005	8.595	9.223	9.893	10.604	14.894	20.661
10	6.192	6.727	7.305	7.926	8.594	9.313	10.086	10.915	11.806	12.761	13.786	20.107	28.925
11	7.430	8.140	8.912	9.749	10.657	11.642	12.708	13.862	15.112	16.462	17.922	27.144	40.496
12	8.916	9.850	10.872	11.991	13.215	14.552	16.012	17.605	19.343	21.236	23.298	36.644	56.694
13	10.699	11.918	13.264	14.749	16.386	18.190	20.175	22.359	24.759	27.395	30.287	49.470	79.371
14	12.839	14.421	16.182	18.141	20.319	22.737	25.421	28.396	31.691	35.339	39.374	66.784	111.120
15	15.407	17.449	19.742	22.314	25.196	28.422	32.030	36.062	40.565	45.587	51.186	90.158	155.568
16	18.488	21.114	24.086	27.446	31.243	35.527	40.358	45.799	51.923	58.808	66.542	121.713	217.795
17	22.186	25.548	29.384	33.759	38.741	44.409	50.851	58.165	66.461	75.862	86.504	164.313	304.913
18	26.623	30.913	35.849	41.523	48.038	55.511	64.072	73.870	85.070	97.862	112.455	221.823	426.878
19	31.948	37.404	43.736	51.074	59.568	69.389	80.731	93.814	108.890	126.241	146.191	299.461	597.629
20	38.338	45.259	53.357	62.820	73.864	86.739	101.720	119.144	139.379	162.852	190.049	404.272	836.681

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