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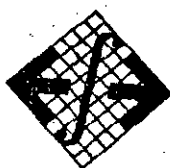
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# **1998 Philippine Statistical Yearbook**



Republika ng Pilipinas  
PAMBANSANG LUPON SA UGNAYANG PANG-ESTADISTIKA  
(NATIONAL STATISTICAL COORDINATION BOARD)

# Map of the Philippines

## REGIONAL DELINEATION

**NCR - National Capital Region**  
 Manila  
 M. Manila Municipalities  
 Katokan City  
 Pasay City  
 Quezon City  
 Mandaluyong City  
 Makati City  
 Marikina City  
 Pasig City

**REGION I - Ilocos Region**  
 Ilocos Norte  
 Ilocos Sur  
 La Union  
 Pangasinan

**REGION II - Cagayan Valley**  
 Batanes  
 Cagayan  
 Isabela  
 Nueva Vizcaya  
 Quirino

**CAR - Cordillera Administrative Region**  
 Abra  
 Benguet  
 Ifugao  
 Kalinga Apayao  
 Mountain Province

**REGION III - Central Luzon**  
 Bataan  
 Bulacan  
 Nueva Ecija  
 Pampanga  
 Tarlac  
 Zambales

**REGION IV - Southern Tagalog**  
 Aurora  
 Batangas  
 Cavite  
 Laguna  
 Marikina  
 Occidental Mindoro  
 Oriental Mindoro  
 Palawan  
 Quezon  
 Rizal  
 Romblon

**REGION V - Bicol Region**  
 Albay  
 Camarines Norte  
 Camarines Sur  
 Catanduanes  
 Masbate  
 Sorsogon

**REGION VI - Western Visayas**

Aklan  
 Antique  
 Capiz  
 Guimaras  
 Iloilo  
 Negros Occidental

**REGION VII - Central Visayas**  
 Bohol  
 Cebu  
 Negros Oriental  
 Siquijor

**REGION VIII - Eastern Visayas**  
 Biliran  
 Eastern Samar  
 Leyte  
 Northern Samar  
 Samar  
 Southern Leyte

**REGION IX - Western Mindanao**  
 Basilan  
 Zamboanga del Norte  
 Zamboanga del Sur

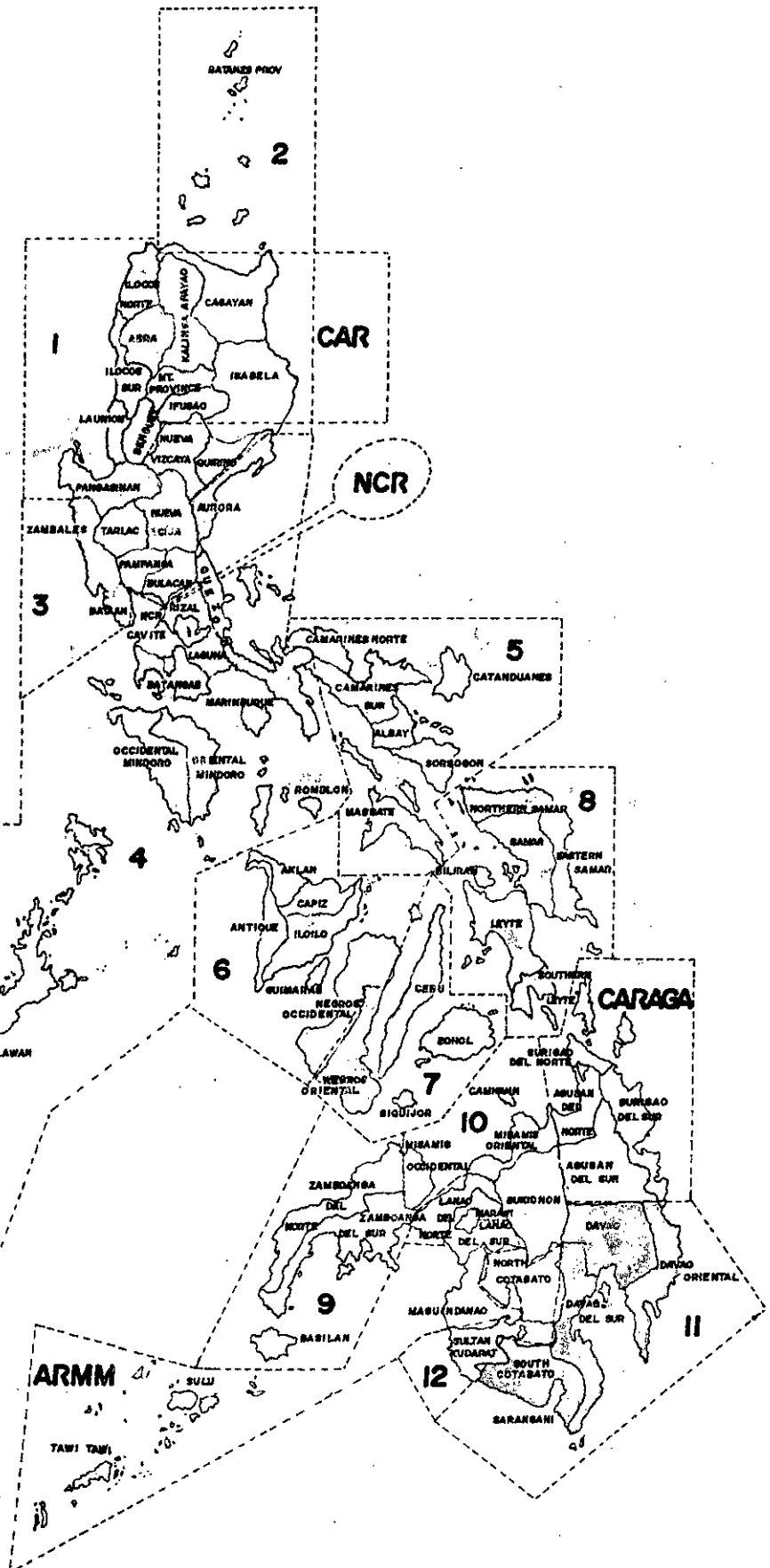
**REGION X - Northern Mindanao**  
 Bukidnon  
 Camiguin  
 Misamis Occidental  
 Misamis Oriental

**REGION XI - Southern Mindanao**  
 Davao del Norte  
 Davao Oriental  
 Davao del Sur  
 South Cotabato  
 Sarangani

**REGION XII - Central Mindanao**  
 Lanao del Norte  
 North Cotabato  
 Sultan Kudarat  
 Cotabato City  
 Marawi City

**ARMM - Autonomous Region for Muslims in Mindanao**  
 Lanao del Sur  
 Maguindanao  
 Sulu  
 Tawi-Tawi

**CARAGA**  
 Agusan del Norte  
 Agusan del Sur  
 Surigao del Norte  
 Surigao del Sur  
 Butuan City  
 Surigao City



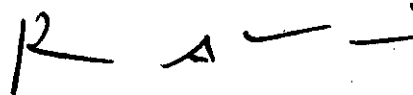
Note: CARAGA - a newly created region under R.A. 7901 dated February 23, 1995

# FOREWORD

This is the centennial edition of the *Philippine Statistical Yearbook (PSY)*. The *PSY* presents in time series, historical information about the country's macro and micro environment. These statistics are taken from the results of surveys and censuses conducted by the Philippine Statistical System, from the records of administrative and regulatory agencies of the government, as well as from the data compiled by local and international organizations. The data contained in the *PSY* are disaggregated in different dimensions, useful in the conduct of feasibility studies, strategic planning, and socio economic policy analysis.

As publisher of the *PSY*, we continuously endeavor to make this publication more beneficial and relevant to our users. For this issue, we included additional data on information technology and international statistics to enhance decision making and planning in government and in the private sector. We are committed to do our best in making every edition of the *PSY* a better source document of statistical information. To help us in this respect, we encourage our readers to fill up the comments and suggestions form on the last page of this publication.

We also take this opportunity to extend our sincerest gratitude to all our partners in the Philippine Statistical System and to other agencies for their continued support and assistance in the annual updating of this publication. With them, we share the pride in bringing statistics to the forefront of our country's development efforts through the *PSY*.



ROMULO A. VIROLA  
Secretary General

October 1998



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## LIST OF DATA SOURCES

1995 United Nations Statistical Yearbook	Government Service Insurance System
1997 Key Indicators of Developing Asian and Pacific Countries, Asian Development Bank (ADB)	Home Mutual Development Fund
1998 Asian Development Outlook, ADB	Human Development Network
Air Transportation Office, Department of Transportation and Communication (DOTC)	Insurance Commission
Bangko Sentral ng Pilipinas	Land Transportation Office, DOTC
Board of Investments	Local Water Utilities Administration
Budget on Expenditures & Sources of Financing, Department of Budget & Management	Metro Transit Organization Incorporated
Bureau of Agricultural Statistics, Department of Agriculture (DA)	Mines and Geo-Sciences Bureau, DENR
Bureau of Fisheries and Aquatic Resources, DA	National Conciliation and Mediation Board
Bureau of Food and Drug Administration, Department of Health (DOH)	National Disaster Coordinating Council
Bureau of Labor and Employment Statistics, Dept. of Labor and Employment (DOLE)	National Economic and Development Authority
Bureau of Labor Relations, DOLE	National Electrification Administration
Bureau of Licensing and Regulations, DOH	National Food Authority
Bureau of Soils and Water Management, DA	National Irrigation Administration
Bureau of Trade and Consumer Protection, Department of Trade & Industry (DTI)	National Mapping & Resource Information Authority
Bureau of the Treasury, Department of Finance	National Meat Inspection Commission
Civil Service Commission	National Statistical Coordination Board
Cooperative Development Authority	National Statistics Office
Commission on Audit	National Telecommunications Commission
Commission on Elections	National Wages and Productivity Commission
Commission on Higher Education	Ninoy Aquino International Airport Authority
Dangerous Drug Board	Philippine Airlines
Department of Agrarian Reform	Philippine Atmospheric, Geophysical & Astronomical Services Administration
Department of Education, Culture and Sports	Philippine Coast Guard
Department of Energy	Philippine National Police
Department of Public Works and Highways	Philippine National Railways
Department of Science and Technology (DOST)	Philippine Overseas and Employment Administration (DOLE)
Department of Social Welfare and Development	Philippine Ports Authority
Environmental Management Bureau, Department of Environment and Natural Resources (DENR)	Planning Office, DENR
Fertilizer and Pesticide Authority	Philippine Postal Corporation
Food and Nutrition Research Institute, DOST	Public Attorney's Office
Forest Management Bureau, DENR	Securities and Exchange Commission
	Social Security System
	Supreme Court of the Philippines
	Technical Education and Skills Development Authority
	Tourism Research and Statistics Division, Department of Tourism

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Administrative Officer V

\* As of October 1998

**SYMBOLS****MEANING**

- |     |               |                                  |
|-----|---------------|----------------------------------|
| 1.  | <b>CY</b>     | Calendar Year (Jan. 1 - Dec. 31) |
| 2.  | <b>SY</b>     | School Year                      |
| 3.  | <b>FY</b>     | Fiscal Year (July 1 - June 31)   |
| 4.  | <b>n.e.s.</b> | Not Elsewhere Stated             |
| 5.  | <b>n.e.c</b>  | Not Elsewhere Classified         |
| 6.  | <b>p</b>      | Preliminary                      |
| 7.  | <b>r</b>      | Revised                          |
| 8.  | <b>...</b>    | Data not available               |
| 9.  | <b>*</b>      | Less than half the unit employed |
| 10. | <b>-</b>      | Nil                              |
| 11. | <b>..</b>     | Not applicable                   |



# **SUMMARY OF MAJOR STATISTICAL SERIES**

## SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 1. POPULATION AND HOUSING STATISTICS					
1. Population (Philippines)	Sep 1, 1995	68,616,536	May 1, 1990	60,703,206	2.32
2. Population Regional distribution	Sep 1, 1995	68,616,536	May 1, 1990	60,703,206	2.32
Metropolitan Manila Area (National Capital Region)		9,454,040		7,948,392	3.30
CAR		1,254,838		1,146,191	1.71
Region 1		3,803,890		3,550,642	1.30
Region 2		2,536,035		2,340,545	1.51
Region 3		6,932,570		6,199,017	2.12
Region 4		9,943,096		8,263,099	3.53
Region 5		4,325,307		3,910,001	1.91
Region 6		5,776,938		5,393,333	1.30
Region 7		5,014,588		4,594,124	1.65
Region 8		3,366,917		3,054,490	1.84
Region 9		2,794,659		2,459,690	2.42
Region 10		2,483,272		2,197,554	2.32
Region 11		4,604,158		4,006,731	2.72
Region 12		2,359,808		2,032,958	2.66
Region 13		1,942,687		1,764,297	1.82
ARMM		2,020,903		1,836,930	1.80
Filipinos in Philippine Embassies/Consulates and Missions Abroad		2,830		5,212	
3. Ten most populous cities	Sep 1, 1995		May 1, 1990		
Quezon		1,989,419		1,669,776	19.1
Manila		1,654,761		1,601,234	3.3
Kaloocan		1,023,159		763,415	34.0
Davao		1,006,840		849,947	18.5
Cebu		662,299		610,417	8.5
Zamboanga		511,139		442,345	15.6
Makati		484,176		453,170	6.8
Pasig		471,075		397,679	18.5
Cagayan de Oro		428,314		339,598	26.1
Pasay		408,610		368,366	10.9
4. Registered Filipino emigrants	1997	54,078	1996	60,926	(11.2)
Male		20,942		24,449	(14.3)
Female		33,136		36,477	(9.2)
5. Human development index	1994	0.660	1990	0.665	
Chapter 2. INCOME AND PRICES					
1. Average family income (pesos)	1997 <sup>P</sup>	123,881	1994	83,161	
2. Average family expenditure (pesos)	1997 <sup>P</sup>	100,194	1994	67,661	

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Poverty Threshold (annual per capita)	1997 <sup>P</sup>	11,388	1994	8,885	
4. Poverty Incidence (% of total families)	1997 <sup>P</sup>	32.1	1994	35.5	
5. Consumer price index for all items (1994=100)	1997		1996		
Philippines		124.8		117.8	5.9
Metropolitan Manila (NCR)		125.1		117.3	8.4
Areas Outside Metropolitan Manila		124.7		118.0	5.7
<b>Chapter 3. ECONOMIC ACCOUNTS</b>					
1. Gross national product (million pesos)	1997		1996		
At current prices		2,526,891		2,261,339	11.7
At constant 1985 prices		931,118		884,226	5.3
2. Gross domestic product by industrial origin (million pesos at 1985 prices)	1997	893,017	1996	849,121	5.2
Agriculture, fishery and forestry		184,713		179,451	2.9
Mining and quarrying		10,338		10,166	1.7
Manufacturing		223,672		214,613	4.2
Construction		57,322		49,339	16.2
Electricity, gas, and water		29,357		28,008	4.8
Transport, communication and storage		55,067		50,878	8.2
Trade		135,326		130,247	3.9
Finance		43,507		38,513	13.0
Ownership of Dwellings & Real Estates		47,297		45,576	3.8
Private Services		61,040		58,231	4.8
Government Services		45,378		44,099	2.9
3. Expenditures on gross domestic product at 1985 prices <sup>1</sup> (million pesos)	1997	893,017	1996	849,121	5.2
Personal consumption expenditures		684,316		651,790	5.0
General government consumption		69,599		68,527	1.6
Gross domestic capital formation		235,125		210,440	11.7
Construction		104,404		91,115	14.6
Durable equipment		112,065		102,654	9.2
Breeding stocks and orchard development		14,193		13,085	8.5
Increase in stocks		4,463		3,586	24.5
Exports		466,874		397,201	17.5
(Less) imports		572,126		500,194	14.4
4. Per capita private (personal) consumption expenditure (million pesos)	1997		1996		
At current prices		23,923		22,188	7.8
At constant 1985 prices		9,307		9,065	2.7

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 4. NATURAL RESOURCES					
1. Land classification (in hectares)	1996	30,000,000	1995	30,000,000	
Alienable and disposable		14,117,244		14,117,244	
Forest Land		15,882,756		15,882,756	
Classified		15,001,599		15,001,599	
Unclassified		881,157		881,157	
2. Area reforested (in hectares)	1997	46,096	1996	65,233	(29.3)
3. Forest Destruction (in hectares)	1997	22,362	1996	5,186	331.2
4. Production of logs, lumber, plywood and veneer (1,000 m)	1996		1995		
Logs		771		758	1.7
Lumber		313		286	9.4
Plywood		508		290	75.2
Veneer		82		19	331.6
5. Value of mineral production (in thousand pesos)	1997	17,801,542	1996	21,391,362	(16.8)
Chapter 5. AGRICULTURE					
1. Production of agricultural crops (thousand metric tons)	Crop year 1997 P		Crop year 1996		
Cereals		68,301.6		69,128.5	(1.2)
Palay		15,601.4		15,434.9	1.1
Corn		11,269.0		11,283.6	(0.1)
Major crops		4,332.4		4,151.3	4.4
Coconut		42,572.6		43,755.4	(2.7)
Sugarcane		12,052.8		11,368.1	6.0
Banana		20,996.8		23,142.2	(9.3)
Pineapple		3,391.2		3,304.1	2.6
Coffee		1,630.9		1,542.2	5.8
Other major crops		121.0		119.0	1.7
Other crops		4,379.9		4,279.8	2.3
		10,127.6		9,938.2	1.9
2. Value of production of agricultural crops (million P)	Crop year 1997 P		Crop year 1996		
Cereals		268,232.6		259,832.4	3.2
Palay		115,738.3		118,392.3	(2.2)
Corn		88,574.0		91,284.1	(3.0)
Major crops		27,164.3		27,108.2	0.2
Coconut		100,051.5		94,965.5	5.4
Sugarcane		29,529.3		27,397.2	7.8
Banana		4,829.3		6,479.8	(25.5)
Pineapple		14,921.1		13,811.0	8.0
Coffee		11,090.4		7,418.2	49.5
Other major crops		5,020.3		5,009.5	0.2
Other crops		34,661.1		34,849.8	(0.5)
		52,442.8		46,474.6	12.8

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Fish production (1,000 m.t.)	1997 <sup>P</sup>	2,766.7	1996	2,769.1	(0.1)
Commercial fishing		884.7		879.1	0.6
Municipal fishing		924.5		909.2	1.7
Aquaculture		957.5		980.8	(2.4)
4. Value of fishing production (million pesos)	1997 <sup>P</sup>	80,745.2	1996	83,134.7	(2.9)
Commercial fishing		25,935.3		24,555.3	5.6
Municipal fishing		27,392.9		25,373.2	8.0
Aquaculture		27,417.0		33,206.2	(17.4)
5. Livestock and poultry production (thousand metric tons)	1997 <sup>P</sup>		1996		
Livestock (Liveweight)		1,796.47		1,709.73	5.1
Poultry (Liveweight)		980.45		902.76	8.6
Egg		275.83		260.05	6.1
6. Value of livestock and poultry (million pesos)	1997 <sup>P</sup>		1996		
Livestock (Liveweight)		84,325.86		77,649.21	8.6
Poultry (Liveweight)		48,718.34		42,726.27	14.0
Egg		12,366.29		10,946.13	13.0

### Chapter 6. ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTOR

1. Gross value of output of manufacturing establishments (million pesos)	1995	1,008,157	1994	825,564	22.1
Food		208,632		169,191	23.3
Beverages		53,008		47,678	11.2
Tobacco		27,573		26,937	2.4
Textiles		32,381		26,639	21.6 <sup>a</sup>
Footwear & wearing apparel		36,036		36,536	(1.4)
Wood and cork		8,251		9,166	(10.0)
Furniture and fixtures		5,140		5,650	(9.0)
Paper		23,030		17,266	33.4
Printing		13,130		10,980	19.6
Leather		3,019		1,202	151.2
Rubber Products		10,375		9,848	5.4
Chemicals		68,741		86,041	(20.1)
Petroleum and coal		124,623		111,690	11.6
Non-metallic mineral products		6,739		6,007	12.2
Basic metal		73,064		52,972	37.9
Metal products		18,995		16,418	15.7
Machinery except electrical		21,519		11,535	86.6
Electrical machinery		125,955		102,221	23.2
Transport equipment		60,049		51,060	17.6
Miscellaneous		87,897		26,527	231.3

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Number of newly registered corporations and partnerships	1997		1996		
Corporations		14,070		13,474	4.4
Partnerships		3,593		2,647	35.7
3. Capital increases & withdrawals of corporations & partnerships (million pesos)	1997		1996		
Increases		129,667.8		99,008.5	31.0
Withdrawals		7,915.2		7,565.1	4.6
Net effect		121,752.6		91,443.4	33.1
4. Amount of investments approved under E.O. 226 (million pesos)	1997	195,545,992	1996	116,382,497	68.0
Local		136,809,280		91,001,139	50.3
Foreign		58,736,712		25,381,358	131.4
<b>Chapter 7. FOREIGN TRADE</b>					
1. Direction of external trade (million US dollars)	1997 <sup>P</sup>		1996		
Exports		25,227.5		20,542.6	22.8
Imports		35,933.8		32,426.9	10.8
Balance of trade		(10,706.3)		(11,884.4)	(9.9)
2. Total exports (million US \$)	1997 <sup>P</sup>	25,227.5	1996	20,542.6	22.8
Traditional exports (million US\$)		1,913		1,831	4.5
Coconut products		816		713	14.4
Copra		3		1	200.0
Coconut oil		673		571	17.9
Dessicated coconut		88		85	3.5
Copra meal or cake		52		56	(7.1)
Sugar and sugar products		99		140	(29.3)
Centrifugal & refined sugar		83		136	(39.0)
Molasses		15		3	400.0
Others		1		1	0.0
Forest products		45		43	4.7
Logs		0		0	0.0
Lumber		26		25	4.0
Plywood		5		5	0.0
Veneer sheets/corestocks		14		13	7.7
Others		0		0	0.0
Mineral products		441		404	9.2
Copper concentrates		44		52	(15.4)
Gold		49		55	(10.9)
Chromium ore		6		8	(25.0)
Others		342		289	18.3

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Fruits and Vegetables		202		209	(3.3)
Canned pineapple		86		93	(7.5)
Pineapple juice		9		11	(18.2)
Pineapple concentrates		28		27	3.7
Others		79		78	1.3
Abaca fibers		23		21	9.5
Tobacco, unmanufactured		29		29	0.0
Petroleum products		258		272	(5.1)
<b>Chapter 8. TOURISM</b>					
1. Number of visitor arrivals	1997	2,222,523	1996	2,049,367	8.4
2. Total visitor receipts (million US \$)	1997	2,831.2	1996	2,700.6	4.8
Foreign visitors		2,638.5		2,482.9	6.3
Overseas Filipinos		192.7		217.7	(11.5)
3. Average number of rooms of hotels in Metro Manila	1997	12,387	1996	12,077	2.6
4. Average occupancy rates of hotels in Metro Manila	1997	69.13	1996	70.03	(1.3)
<b>Chapter 9. VITAL, HEALTH AND NUTRITION STATISTICS</b>					
1. Number of registered marriages	1993	474,407	1992	454,155	4.5
2. Number of registered live births	1993	1,680,896	1992	1,684,395	(0.2)
3. Number of registered deaths	1993	318,546	1992	319,579	(0.3)
4. Bed capacity of government and private hospitals	1997	81,905	1996	81,789	0.1
5. Number of hospitals	1997		1996	1,738	(100.0)
6. Number of government medical practitioners	1997		1996		
Doctors		2,582		3,119	(17.2)
Dentists		1,370		1,668	(17.9)
Nurses		4,096		5,653	(27.5)
Midwives		13,275		13,750	(3.5)
7. Number of health stations	1997		1996		
Barangay		12,744		16,598	(23.2)
Rural		2,315		2,747	(15.7)
8. Number of establishments involved in food and drug production	1997	11,993	1996	11,812	1.5
9. Number of establishments involved in food and drug distribution	1997	13,981	1996	13,283	5.3

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	

Chapter 10. EDUCATION

1. Number of government and private schools

Pre-school	SY 1996-97	6,810	SY 1995-96	7,335	(7.2)
Elementary	SY 1996-97	37,721	SY 1995-96	36,800	2.5
Secondary	SY 1996-97	6,369	SY 1995-96	6,205	2.6
Tertiary	SY 1996-97	1,316	SY 1995-96	1,286	2.3

2. Enrolment in government and private schools (in thousand)

Pre-school	SY 1995-96	552.6	SY 1994-95	546.8	
Elementary	SY 1995-96	11,504.8	SY 1994-95	10,910.9	5.4
Secondary	SY 1995-96	4,883.5	SY 1994-95	4,772.6	2.3
Higher Education	SY 1996-97	2,220.9	SY 1995-96	2,018.0	10.1

3. Number of graduates

Higher Education	SY 1995-96	328,120	SY 1994-95	312,667	4.9
Non-formal Education	1996	113,697	1995	65,877	72.6

4. Number of examinees who passed the board/bar exams

	1997	36,458	1996	42,059	(13.3)
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Chapter 11. LABOR AND EMPLOYMENT

1. Total labor force (1,000 persons)

	1997	30,265	1996	29,637	2.1
Employed		27,888		27,442	1.6
Unemployed		2,377		2,195	8.3

2. Labor force participation rate (percent)

Philippines

	1997	65.5	1996	65.8	
National Capital Region		63.4		62.5	
Cordillera Administrative Region		67.4		68.9	
Region 1		66.2		67.4	
Region 2		69.8		70.6	
Region 3		60.9		61.3	
Region 4		65.1		65.6	
Region 5		67.2		69.3	
Region 6		66.3		62.8	
Region 7		65.2		64.6	
Region 8		66.5		70.8	
Region 9		62.6		61.6	
Region 10		73.3		74.4	
Region 11		70.9		71.5	
Region 12		66.7		67.1	
Region 13		68.0		71.1	
Autonomous Region of Muslim Mindanao		55.7		57.7	



## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Processed overseas contract workers	1997	755,350	1996	667,669	13.1
Land-based		552,440		475,337	16.2
Sea-based		202,910		192,332	5.5
4. Deployed overseas workers	1997	747,696	1996	660,122	13.3
Land-based		559,227		484,653	15.4
Sea-based		188,469		175,469	7.4
5. Number of strike notices filed	1997	932	1996	833	11.9
6. Actual strikes	1997	93	1996	89	4.5
<b>Chapter 12. SOCIAL SERVICES</b>					
1. Number of institutions/centers involved in the distribution of social services	1997	74	1996	74	
2. Claims paid by the Government Service Insurance System (million pesos)	1996	8,762	1995	7,856	11.5
3. Claims paid by the Social Security System (million pesos)	1997	23,238	1996	20,376	14.0
<b>Chapter 13. TRANSPORTATION AND COMMUNICATION</b>					
1. Rail transport	1997		1996		
Passengers carried (thousand)		613.5		299.5	104.8
Freight tonnes loaded (1,000 mt)		-		-	-
Express tonnes loaded (1,000 mt)		3.8		1.7	123.5
2. Total number of registered motor vehicles	1997	3,193,549	1996	2,904,487	10.0
Private		2,488,595		2,277,102	9.3
For hire		639,083		564,974	13.1
Government		60,695		57,466	5.6
Diplomatic		3,028		3,273	(7.5)
Exempt		2,148		1,672	28.5
3. Total number of newly-registered motor vehicles	1997	476,235	1996	427,564	11.4
Cars		73,160		74,057	(1.2)
Utility vehicles		131,186		130,934	0.2
Trucks		33,023		34,238	(3.5)
Buses		3,293		2,838	16.0
Motorcycles/Tricycles		229,349		180,240	27.2
Trailers		6,224		5,257	18.4

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
4. Total shipping statistics	1997		1996		
Cargo (metric tons)		145,138,010		140,135,355	3.6
Passenger		41,414,647		40,043,006	3.4
5. Flights and passengers carried					
by international carriers	1997		1996		
Passengers carried, total		7,728,382		7,297,108	5.9
Arrivals		3,822,348		3,604,662	6.0
Departures		3,906,034		3,692,446	5.8
Number of Flights		48,274		43,512	10.9
6. Number of registered airports	1997	192	1996	266	(27.8)
National		89		86	3.5
Private		103		180	(42.8)
7. Length of roads (kilometers)	1997		1996		
National		27,911.84		27,369.37	2.0
8. Number of bridges	1997		1996		
National government		7,380		7,347	0.4
9. Length of bridges (linear meters)	1997		1996		
National government		261,989.00		261,015.00	0.4
10. Number of licensed radio stations	1997	183,271	1996	162,713	12.6
11. Total telephone capacity (lines)	1997	5,775,556	1996	3,352,842	72.3
12. Volume of mail handled	1997	1,171,590	1996	1,041,303	12.5
(1,000 pieces)					
Received from Foreign Countries		327,576		146,095	124.2
Posted mails		844,014		895,208	(5.7)

### Chapter 14. ENERGY AND WATER RESOURCES

1. Petroleum products consumption					
(thousand barrels)	1997	139,630	1996	131,600	6.1
2. Energy consumption (MMBFOE)	1997 <sup>P</sup>	228.58	1996	222.86	2.6
3. Electric Energy Consumption					
(million kilowatt hours)	1997	39,816	1996	36,708	8.5
4. Generated area of irrigation systems/ projects (hectares)	1997	41,040	1996	10,140	304.7
National		19,495		2,311	743.6
Communal		20,749		7,829	165.0
Pump/Private		796		0	0.0

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	

Chapter 15. PUBLIC ADMINISTRATION

1. National Government Revenue					
(million pesos)	1997 <sup>P</sup>	471,843	1996	410,449	15.0
Tax Revenues		412,165		367,894	12.0
Taxes on net income and profits		164,170		136,356	20.4
Taxes on property		881		565	55.9
Taxes on goods and services		130,720		107,689	21.4
Taxes on international trade and transactions		95,187		104,850	(9.2)
Other taxes		21,207		18,434	15.0
Non tax revenue		59,678		42,555	40.2
2. Sectoral Allocation of Expenditures					
(billion pesos)	1998 <sup>P</sup>	540.8	1997	493.5	9.6
Social services		178.4		160.0	11.5
Economic services		141.5		136.7	3.5
Defense		47.2		37.3	26.5
General public service		97.6		83.4	17.0
Net Lending		0.5		1.1	(54.5)
Interest Payment		75.5		75.1	0.5
3. Internal debt outstanding by level of government (million P)	1997 <sup>P</sup>	715,392.6	1996	675,442.5	5.9
National government		708,047.7		667,811.4	6.0
Government corporations		7,099.2		7,000.8	1.4
Monetary institutions		245.7		630.3	(61.0)
4. Internal debt outstanding by period of maturity (million P)	1997 <sup>P</sup>	715,392.6	1996	675,442.5	5.9
Long term		143,398.3		99,969.8	43.4
Medium term		143,992.7		107,477.9	34.0
Short term		428,001.6		467,994.8	(8.5)
5. Government personnel by major subdivision	1997	1,378,644	1996	1,359,660	1.4
National government		913,951		894,056	2.2
Government owned/controlled		97,142		111,707	(13.0)
Local government		367,551		353,897	3.9
6. Government personnel by status of appointment	1997	1,378,644	1996	1,359,660	1.4
Regular positions		1,204,217		1,192,614	1.0
Casuals/contractuals		174,427		167,046	4.4

## Chapter 16. MONEY AND BANKING

1. Money supply (million pesos)	1997	258,318	1996	221,957	16.4
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# SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Loans and investments outstanding (million pesos)	1997	2,090,858.7	1996	1,603,916.1	30.4
Commercial banks		1,906,092.0		1,437,611.0	32.6
Rural banks		40,900.8		35,240.8	16.1
Private Development banks		60,644.7		50,392.7	20.3
Savings banks		83,221.2		80,671.6	3.2
3. Total assets and liabilities of Central Bank (million pesos)	1997 <sup>P</sup>		1996		
Total assets		686,216.3		618,909.8	10.9
Total liabilities		654,566.7		593,243.1	10.3
4. Total assets and liabilities of commercial banks (million pesos)	1997 <sup>P</sup>		1996		
Total assets		2,512,975.0		1,876,217.0	33.9
Total liabilities		2,189,543.0		1,635,410.0	33.9
5. Investments of the Government Service Insurance System (million pesos)	1997	72,902.4	1996	63,545.1	14.7
7. Investments of the Social Security System (million pesos)	1997	139,648.8	1996	127,395.1	9.6
8. Balance of payments (million US \$)					
Overall BOP Position	1997 <sup>P</sup>	(3,363)	1996	4,107	
<b>Chapter 17. PUBLIC ORDER, SAFETY AND JUSTICE</b>					
1. Total Crime Rate	1997		1996		
Philippines		99.4		105.5	(5.8)
Metro Manila		184.9		139.7	32.4
Outside Metro Manila		85.8		93.7	(8.4)
2. Number of policemen	1997	104,401	1996	102,098	2.3
3. Number of firemen	1997	12,308	1996	11,506	7.0
4. Number of raids on drug incidents	1997	1,849	1996	1,393	32.7
5. Number of persons arrested on drug incidents	1997	3,079	1996	2,050	50.2
6. Inflow & Outflow of Cases	1997		1996		
Inflow		750,553		601,097	24.9
Outflow		600,336		464,988	29.1
Pending		763,664		622,748	22.6
7. Cases handled by Public Attorneys' Office (PAO)	1997	382,500	1996	367,231	4.2

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 18. SCIENCE AND TECHNOLOGY					
1. Number of Technologies					
Commercialized by the DOST	1996	85	1995	80	6.3
2. Number of R&D Projects completed by the DOST					
	1996	173	1995	202	(14.4)
3. Number of researches contracted by DOST with the private sector					
	1996		1995		
New		17		19	(10.5)
On-going		8		3	166.7
Completed		19		4	375.0
3. Number of Scholarships awarded by DOST					
New	1997	4,714	1996	3,995	18.0
On-going		7,286		4,826	51.0
Graduated		1,185		1,190	(0.4)

# 1 POPULATION AND HOUSING

Chapter 1 presents the various demographic and housing statistics that are essential in the formulation, implementation and evaluation of population policies of the government. The primary sources of population data are censuses and registration of vital events. Population censuses in the Philippines were undertaken by the National Statistics Office (NSO) on a more or less decennial basis until 1970 after which two quinquennial censuses were undertaken namely: the 1975 and 1980 Census of Population and Housing (CPH). Ten years later the 1990 CPH was undertaken. The latest Population Census (POPCEN) was conducted by the NSO in the country was in September 1995. The 1995 POPCEN provides an updated basis for the apportionment of the Internal Revenue Allocation to local government units and for the creation of new legislative areas such as regions, provinces, municipalities, and barangays or the conversion of a municipality into a city.

This chapter also provides population estimates for the country, by sex and by region for the period 1995 to 2005 at medium assumption. The estimates were based on the 1995 POPCEN prepared by the Technical Advisory Group and NSO Population Projections Unit in collaboration with the Technical Working Group on Population Projections and these were reviewed by the NSCB Technical Committee on Population and Housing Statistics.

Migration to other countries, by country of destination, by age and by sex have likewise been compiled for this issue by the Commission on Filipinos Overseas.

Also included in this chapter is the Human Development Index (HDI) by province. The HDI is a composite index of achievements in basic human capabilities in three fundamental dimensions; long and healthy life, knowledge, and decent standard of living.

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**Table 1.1**  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1970 to 1995**

Region and province	Population				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
<b>Philippines</b>	<b>68,616,536</b>	<b>60,703,206</b>	<b>48,098,460</b>	<b>42,070,660</b>	<b>36,684,486</b>
<b>National Capital Region</b>	<b>9,454,040</b>	<b>7,948,392</b>	<b>5,925,884</b>	<b>4,970,006</b>	<b>3,966,695</b>
Manila	1,654,761	1,601,234	1,630,485	1,479,116	1,330,788
City of Mandaluyong	286,870	248,143	205,366	182,267	149,407
Marikina	357,231	310,227	211,613	168,453	113,400
Pasig City	471,075	397,679	268,570	209,915	156,492
Quezon City	1,989,419	1,669,776	1,165,865	956,864	754,452
San Juan	124,187	126,854	130,088	122,492	104,559
Kalookan City	1,023,159	763,415	467,816	397,201	274,453
Malabon	347,484	280,027	191,001	174,878	141,514
Navotas	229,039	187,479	126,146	97,098	83,245
Valenzuela	437,165	340,227	212,363	150,605	98,456
Las Pinas	413,086	297,102	136,514	81,610	45,732
City of Makati	484,176	453,170	372,631	334,448	264,918
City of Muntinlupa	399,846	278,411	136,679	94,563	65,057
Parañaque	391,296	308,236	208,552	158,974	97,214
Pasay City	408,610	368,366	287,770	254,999	206,283
Pateros	55,286	51,409	40,288	32,821	25,468
Tagig	381,350	266,637	134,137	73,702	55,257
<b>Cordillera Administrative Region</b>	<b>1,254,838</b>	<b>1,146,191</b>	<b>914,432</b>	<b>811,103</b>	<b>730,906</b>
Abra	195,964	184,743	160,198	147,010	145,508
Benguet	540,716	485,857	354,751	302,065	263,550
Ifugao	149,598	147,281	111,368	104,707	92,487
Kalinga Apayao	237,805	211,775	185,063	163,225	136,249
Mt. Province	130,755	116,535	103,052	94,096	93,112
<b>1 Ilocos Region</b>	<b>3,803,890</b>	<b>3,550,642</b>	<b>2,922,892</b>	<b>2,726,220</b>	<b>2,488,391</b>
Ilocos Norte	482,651	461,661	390,666	371,724	343,427
Ilocos Sur	545,385	519,966	443,591	419,776	385,139
La Union	597,442	548,742	452,578	414,635	373,682
Pangasinan	2,178,412	2,020,273	1,636,057	1,520,085	1,386,143
<b>2 Cagayan Valley</b>	<b>2,536,035</b>	<b>2,340,545</b>	<b>1,919,091</b>	<b>1,665,245</b>	<b>1,462,723</b>
Batanes	14,180	15,026	12,091	11,870	11,398
Cagayan	895,050	829,867	711,476	644,075	581,237
Isabela	1,160,721	1,080,341	870,604	730,386	648,123
Nueva Vizcaya	334,965	301,179	241,690	213,151	172,198
Quirino	131,119	114,132	83,230	65,763	49,767
<b>3 Central Luzon</b>	<b>6,932,570</b>	<b>6,199,017</b>	<b>4,802,793</b>	<b>4,210,136</b>	<b>3,615,496</b>
Bataan	491,459	425,803	323,254	263,269	216,210
Bulacan	1,784,441	1,505,219	1,096,046	899,529	737,975
Nueva Ecija	1,505,827	1,312,680	1,069,409	947,995	851,294
Pampanga	1,635,767	1,532,615	1,181,590	1,042,164	907,275
Tarlac	945,810	859,708	688,457	640,899	559,708
Zambales	569,266	562,992	444,037	416,280	343,034

Table 1.1 (continued)

Land area (sq km)	Density (persons/sq km)				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
300,000	228.7	202.3	160.3	140.2	122.3
636.0	14,864.8	12,497.5	9,317.4	7,814.5	6,236.9
38.3	43,205.2	41,807.7	42,571.4	38,619.2	34,746.4
26.0	11,033.5	9,544.0	21.5	8,470.5	17.6
38.9	9,183.3	7,975.0	26.5	6,348.4	17.9
13.0	36,236.5	30,590.7	8.8	23,909.8	6.5
166.2	11,970.0	10,046.8	116.0	8,245.7	91.5
10.4	11,941.1	12,197.5	10.7	11,485.3	9.1
55.8	18,336.2	13,681.3	34.2	11,616.1	23.6
23.4	14,849.7	11,967.0	16.0	10,956.8	12.9
2.6	88,091.9	72,107.3	1.7	55,503.0	1.5
47.0	9,301.4	7,238.9	29.3	5,133.7	19.2
41.5	9,953.9	7,159.1	19.1	4,279.8	10.7
29.9	16,193.2	15,156.2	24.6	13,603.2	19.5
46.7	8,562.0	5,961.7	22.9	4,124.7	15.8
38.3	10,216.6	8,047.9	25.9	6,134.7	15.8
13.9	29,396.4	26,501.2	10.9	23,483.2	8.8
10.4	5,316.0	4,943.2	8.2	4,027.0	6.3
33.7	11,316.0	7,912.1	17.0	4,347.3	12.7
18,293.7	68.6	62.7	50.0	44.3	40.0
3,975.6	49.3	46.5	40.3	37.0	36.6
2,655.4	203.6	183.0	133.6	113.8	99.3
2,517.8	59.4	58.5	44.2	41.6	36.7
7,047.6	33.7	30.0	26.3	23.2	19.3
2,097.3	62.3	55.6	49.1	44.9	44.4
12,840.2	296.2	276.5	227.6	212.3	193.8
3,399.3	142.0	135.8	114.9	109.4	101.0
2,579.6	211.4	201.6	172.0	162.7	149.3
1,493.1	400.1	367.5	303.1	277.7	250.3
5,368.2	405.8	376.3	304.8	283.2	258.2
26,837.6	94.5	87.2	71.5	62.0	54.5
209.3	67.7	71.8	57.8	56.7	54.5
9,002.7	99.4	92.2	79.0	71.5	64.6
10,664.5	108.8	101.3	81.6	68.5	60.8
3,903.9	85.8	77.1	61.9	54.6	44.1
3,057.2	42.9	37.3	27.2	21.5	16.3
18,230.8	380.3	340.0	263.4	230.9	198.3
1,373.0	357.9	310.1	235.4	191.7	157.5
2,625.0	679.8	573.4	417.5	342.7	281.1
5,284.3	285.0	248.4	202.4	179.4	161.1
2,180.7	750.1	702.8	541.8	477.9	416.0
3,053.4	309.8	281.6	225.5	209.9	183.3
3,714.4	153.3	151.6	119.5	112.1	92.4

**Table 1.1 (continued)**  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1970 to 1995**

Region and province	Population				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
<b>4 Southern Tagalog</b>	9,943,096	8,263,099	6,118,620	5,213,843	4,457,008
Aurora	159,621	139,573	107,145	90,060	80,459
Batangas	1,658,567	1,476,783	1,174,201	1,032,009	926,308
Cavite	1,610,324	1,152,534	771,320	628,321	520,180
Laguna	1,631,082	1,370,232	973,104	803,750	699,736
Marinduque	199,910	185,524	173,715	162,804	144,109
Occidental Mindoro	339,605	282,593	222,431	185,787	144,032
Oriental Mindoro	608,616	550,049	446,938	388,744	328,364
Palawan	640,486	528,287	371,782	300,065	236,635
Quezon	1,537,742	1,372,455	1,129,277	1,025,902	902,865
Rizal	1,312,489	977,448	555,533	414,192	307,238
Romblon	244,654	227,621	193,174	182,209	167,082
<b>5 Bicol Region</b>	4,325,307	3,910,001	3,476,982	3,193,721	2,966,881
Albay	1,005,315	903,785	809,177	728,827	673,981
Camarines Norte	439,151	390,982	308,007	288,406	262,207
Camarines Sur	1,432,598	1,305,919	1,099,346	1,023,819	948,436
Catanduanes	202,464	187,000	175,247	172,780	162,302
Masbate	653,852	599,355	584,520	533,387	492,908
Sorsogon	591,927	522,960	500,685	446,502	427,047
<b>6 Western Visayas</b>	5,776,938	5,393,333	4,525,615	4,146,390	3,618,326
Aklan	410,539	380,497	324,563	293,349	263,358
Antique	431,713	406,361	344,879	308,484	289,172
Capiz	624,469	584,091	492,231	445,716	394,041
Iloilo	1,876,031	1,765,476	1,433,641	1,313,049	1,167,973
Negros Occidental	2,434,186	2,256,908	1,930,301	1,785,792	1,503,782
<b>7 Central Visayas</b>	5,014,588	4,594,124	3,787,374	3,387,274	3,032,719
Bohol	994,440	948,403	806,013	759,370	683,297
Cebu	2,921,145	2,646,517	2,091,602	1,818,410	1,634,182
Negros Oriental	1,025,247	925,272	819,399	740,417	652,264
Siquijor	73,756	73,932	70,360	69,077	62,976
<b>8 Eastern Visayas</b>	3,366,917	3,054,490	2,799,534	2,599,728	2,381,409
Eastern Samar	362,324	329,335	320,637	287,149	271,000
Leyte	1,643,460	1,485,828	1,302,648	1,203,118	1,110,626
Northern Samar	454,195	383,654	378,516	354,665	306,114
Samar	589,373	533,733	501,439	478,378	442,244
Southern Leyte	317,565	321,940	296,294	276,418	251,425
<b>9 Western Mindanao</b>	2,794,659	2,459,690	1,973,267	1,664,394	1,443,397
Basilan	295,565	238,308	201,407	171,027	143,829
Zamboanga del Norte	770,697	676,862	588,015	490,515	409,379
Zamboanga del Sur	1,728,397	1,544,520	1,183,845	1,002,852	890,189
<b>10 Northern Mindanao</b>	2,483,272	2,197,554	1,765,120	1,502,174	1,261,286
Bukidnon	940,403	843,891	631,634	532,818	414,762
Camiguin	68,039	64,247	57,126	52,547	53,913
Misamis Occidental	458,965	424,365	386,328	356,319	319,855
Misamis Oriental	1,015,865	865,051	690,032	560,490	472,756

Table 1.1 (continued)

Land area (sq km)	Density (persons/sq km)				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
46,924.0	211.9	176.1	130.4	111.1	95.0
3,239.5	49.3	43.1	33.1	27.4	24.6
3,165.8	523.9	466.5	370.9	326.0	292.6
1,287.6	1,250.6	895.1	599.0	488.0	404.0
1,759.7	926.9	778.7	553.0	456.8	397.6
959.2	208.4	193.4	181.1	169.7	150.2
5,879.8	57.8	48.1	37.8	31.6	24.5
4,364.7	139.4	126.0	102.4	89.1	75.2
14,896.3	43.0	35.5	25.0	20.1	15.9
8,706.6	176.6	157.6	129.7	117.8	103.7
1,308.9	1,002.7	746.8	424.4	316.4	234.7
1,355.9	180.4	167.9	142.5	134.4	123.2
17,632.5	245.3	221.7	197.2	181.1	168.3
2,552.6	393.8	354.1	317.0	285.5	264.0
2,112.5	207.9	185.1	145.8	136.5	124.1
5,266.8	272.0	248.0	208.7	194.4	180.1
1,511.5	133.9	123.7	115.9	114.3	107.4
4,047.7	161.5	148.1	144.4	131.8	121.8
2,141.4	276.4	244.2	233.8	208.5	199.4
20,223.2	285.7	266.7	223.8	205.0	178.9
1,817.9	225.8	209.3	178.5	161.4	144.9
2,522.0	171.2	161.1	136.7	122.3	114.7
2,633.2	237.2	221.8	186.9	169.3	149.6
5,324.0	352.4	331.6	269.3	246.6	219.4
7,926.1	307.1	284.7	243.5	225.3	189.7
14,951.5	335.4	307.3	253.3	226.6	202.8
4,117.3	241.5	230.3	195.8	184.4	166.0
5,088.4	574.1	520.1	411.0	357.4	321.2
5,402.3	189.8	171.3	151.7	137.1	120.7
343.5	214.7	215.2	204.8	201.1	183.3
21,431.7	157.1	142.5	130.6	121.3	111.1
4,339.6	83.5	75.9	73.9	66.2	62.4
6,268.3	262.2	237.0	207.8	191.9	177.2
3,498.0	129.8	109.7	108.2	101.4	87.5
5,591.0	105.4	95.5	89.7	85.6	79.1
1,734.8	183.1	185.6	170.8	159.3	144.9
15,997	174.7	153.8	123.4	104.0	90.2
1,327.2	222.7	179.6	151.7	128.9	108.4
6,618.1	116.5	102.3	88.8	74.1	61.9
8,052.0	214.7	191.8	147.0	124.5	110.6
14,033.0	177.0	156.6	125.8	107.0	89.9
8,293.8	113.4	101.7	76.2	64.2	50.0
229.8	296.1	279.6	248.6	228.7	234.6
1,939.3	236.7	218.8	199.2	183.7	164.9
3,570.1	284.5	242.3	193.3	157.0	132.4

**Table 1.1 (continued)**  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1970 to 1995**

Region and province	Population				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
11 Southern Mindanao	4,604,158	4,006,731	2,969,156	2,412,253	1,942,046
Davao	1,191,443	1,056,301	725,153	589,697	442,543
Davao del Sur	1,683,909	1,482,745	1,133,599	936,263	785,398
Davao Oriental	413,472	394,697	339,931	299,426	247,995
South Cotabato	1,315,334	1,072,988	770,473	586,867	466,110
12 Central Mindanao	2,359,808	2,032,958	1,467,115	1,222,777	1,126,503
Lanao del Norte	713,787	614,092	461,049	381,234	349,942
Cotabato	862,666	763,995	564,599	472,302	468,354
Cotabato City	146,779	127,065	83,871	67,097	61,184
Marawi City	114,389	91,901	53,812	63,332	55,708
Sultan Kudarat	522,187	435,905	303,784	238,812	191,315
13 Caraga <sup>a</sup>	1,942,687	1,764,297	1,371,512	1,114,336	950,129
Agusan del Norte	514,485	465,458	365,421	300,735	278,053
Agusan del Sur	514,736	420,763	265,030	213,216	174,682
Surigao del Norte	442,203	425,978	363,414	298,080	238,714
Surigao del Sur	471,263	452,098	377,647	302,305	258,680
Autonomous Region for Muslim Mindanao <sup>b</sup>	2,020,903	1,836,930	1,359,073	1,231,060	1,240,571
Lanao del Sur	571,804	508,081	351,159	436,550	399,800
Maguindanao	662,180	630,674	452,675	411,022	415,154
Sulu	536,201	469,971	360,588	240,001	315,421
Tawi-Tawi	250,718	228,204	194,651	143,487	110,196
Filipinos in Philippine Embassies/Consulates and Missions Abroad	2,830	5,212			

a - Created into a region under RA No. 7901 dated February 23, 1995, taken from Region 10 and Region 11.

b - Created into a region under RA No. 7864 dated November 26, 1989, taken from Region 9 and Region 12.

Source: National Statistics Office.

**Table 1.1 (continued)**

Land area (sq km)	Density (persons/sq km)				
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
27,140.7	169.6	147.6	109.4	88.9	71.6
8,129.8	146.6	129.9	89.2	72.5	54.4
6,377.6	264.0	232.5	177.7	146.6	123.1
5,164.5	80.1	76.4	65.8	58.0	48.0
7,468.8	176.1	143.7	103.2	78.6	62.4
14,571.3	161.9	139.5	100.7	83.9	77.3
3,092.0	230.8	198.6	149.1	123.3	113.2
6,565.9	131.4	116.3	86.0	71.9	71.3
176.0	834.0	722.0	476.5	381.2	347.6
22.6	5,061.5	4,066.4	2,381.1	2,802.3	2,465.0
4,714.8	110.8	92.5	64.4	50.6	52.3
18,847.0	103.1	93.6	72.8	59.1	50.4
2,590.3	198.6	179.7	141.1	116.1	107.3
8,965.5	57.4	46.9	29.6	23.8	19.5
2,739.0	161.4	155.5	132.7	108.8	87.2
4,552.2	103.5	99.3	83.0	66.4	56.8
11,409.7	177.1	161.0	119.1	107.9	108.7
3,850.3	148.5	132.0	91.2	113.4	103.8
4,871.6	135.9	129.5	92.9	84.4	85.2
1,600.4	335.0	293.7	225.3	150.0	197.1
1,087.4	230.6	209.9	179.0	132.0	101.3

**Table 1.2**  
**POPULATION GROWTH BY REGION AND PROVINCE**  
**CENSUS YEARS 1970 to 1995**

Region and Province	Annual Average Growth Rate			
	1970-1975	1975-1980	1980-1990	1990-1995
Philippines	2.78	2.71	2.35	2.32
National Capital Region	4.62	3.58	2.98	3.30
Manila	2.14	1.97	-0.18	0.62
City of Mandaluyong	4.06	2.42	1.91	2.75
Marikina	8.24	4.67	3.90	2.68
Pasig City	6.05	5.05	4.00	3.22
Quezon City	4.87	4.03	3.66	3.34
San Juan	3.22	1.21	-0.25	-0.40
Kalookan City	7.67	3.33	5.02	5.64
Malabon	4.32	1.78	3.90	4.13
Navotas	3.13	5.37	4.04	3.82
Valenzuela	8.87	7.11	4.82	4.81
Las Pinas	12.28	10.84	8.08	6.37
City of Makati	4.77	2.19	1.98	1.25
City of Muntinlupa	7.77	7.65	7.37	7.02
Parañaque	10.34	5.58	3.98	4.57
Pasay City	4.33	2.45	2.50	1.96
Pateros	5.20	4.18	2.47	1.37
Tagig	5.93	12.72	7.11	6.93
Cordillera Administrative Region	2.10	2.43	2.28	1.71
Abra	0.21	1.73	1.44	1.11
Benguet	2.77	3.27	3.19	
Ifugao	2.51	1.24	2.83	0.29
Kalinga Apayao	3.68	2.54	1.36	
Mt. Province	0.21	1.83	1.24	2.18
1 Ilocos Region	1.84	1.40	0.92	1.30
Ilocos Norte	1.60	1.00	1.68	0.84
Ilocos Sur	1.74	1.11	1.60	0.90
La Union	2.10	1.77	1.95	1.61
Pangasinan	1.86	1.48	2.13	1.42
2 Cagayan Valley	2.63	2.88	1.31	1.51
Batanes	0.82	0.37	2.20	-1.08
Cagayan	2.07	2.01	1.55	1.43
Isabela	2.42	3.57	2.18	1.35
Nueva Vizcaya	4.36	2.54	2.22	2.01
Quirino	5.73	4.82	3.21	2.63
3 Central Luzon	3.09	2.67	2.58	2.12
Bataan	4.02	4.19	2.79	2.72
Bulacan	4.04	4.03	3.22	3.24
Nueva Ecija	2.18	2.44	2.07	2.61
Pampanga	2.81	2.54	2.64	1.31
Tarlac	2.75	1.44	2.25	1.80
Zambales	3.96	1.30	2.40	0.22

Table 1.2 (continued)

Region and Province	Annual Average Growth Rate			
	1970-1975	1975-1980	1980-1990	1990-1995
4 Southern Tagalog	3.19	3.25	3.05	3.53
Aurora	2.28	3.54	2.68	2.55
Batangas	2.18	2.62	2.32	2.20
Cavite	3.85	4.19	4.10	6.47
Laguna	2.81	3.90	3.48	3.32
Marinduque	2.47	1.31	0.66	1.41
Occidental Mindoro	5.22	3.67	2.42	3.50
Oriental Mindoro	3.43	2.83	2.10	1.91
Palawan	4.86	4.38	3.58	3.67
Quezon	0.85	1.94	1.97	2.30
Rizal	6.16	6.05	5.81	5.68
Romblon	1.75	1.18	1.65	1.36
5 Bicol Region	1.48	1.71	1.18	1.91
Albay	1.58	2.11	1.11	2.01
Camarines Norte	1.92	1.32	2.41	2.20
Camarines Sur	1.54	1.43	1.74	1.75
Catanduanes	1.26	0.28	0.65	1.50
Masbate	1.59	1.85	0.25	1.65
Sorsogon	0.89	2.32	0.44	2.35
6 Western Visayas	2.76	1.77	1.77	1.30
Aklan	2.18	2.04	1.60	1.43
Antique	1.30	2.26	1.65	1.14
Capiz	2.49	2.01	1.73	1.26
Iloilo	3.50	1.57	1.58	1.22
Negros Occidental	2.37	1.77	2.10	1.52
7 Central Visayas	2.24	2.26	1.95	1.65
Bohol	2.13	1.20	1.64	0.89
Cebu	2.16	2.84	2.38	1.99
Negros Oriental	2.57	2.05	1.22	1.94
Siquijor	1.87	0.37	0.50	-0.04
8 Eastern Visayas	1.77	1.49	0.88	1.84
Eastern Samar	1.16	2.23	0.27	1.80
Leyte	1.61	1.60	1.32	1.89
Northern Samar	2.99	1.31	0.13	3.21
Samar	1.58	0.95	0.63	1.88
Southern Leyte	1.91	1.40	0.83	-0.26
9 Western Mindanao	2.89	3.46	2.28	2.42
Basilan	-3.52	3.32	1.70	4.12
Zamboanga del Norte	-5.32	8.48	2.68	2.46
Zamboanga del Sur	2.41	3.37	2.70	2.28
10 Northern Mindanao	3.56	3.28	2.28	2.32
Bukidnon	5.14	3.46	2.94	2.05
Camiguin	-0.51	1.69	1.18	1.08
Misamis Occidental	2.18	1.63	0.94	1.48
Misamis Oriental	3.46	4.25	2.29	3.27



**Table 1.2 (continued)**  
**POPULATION GROWTH BY REGION AND PROVINCE**  
**CENSUS YEARS 1970 to 1995**

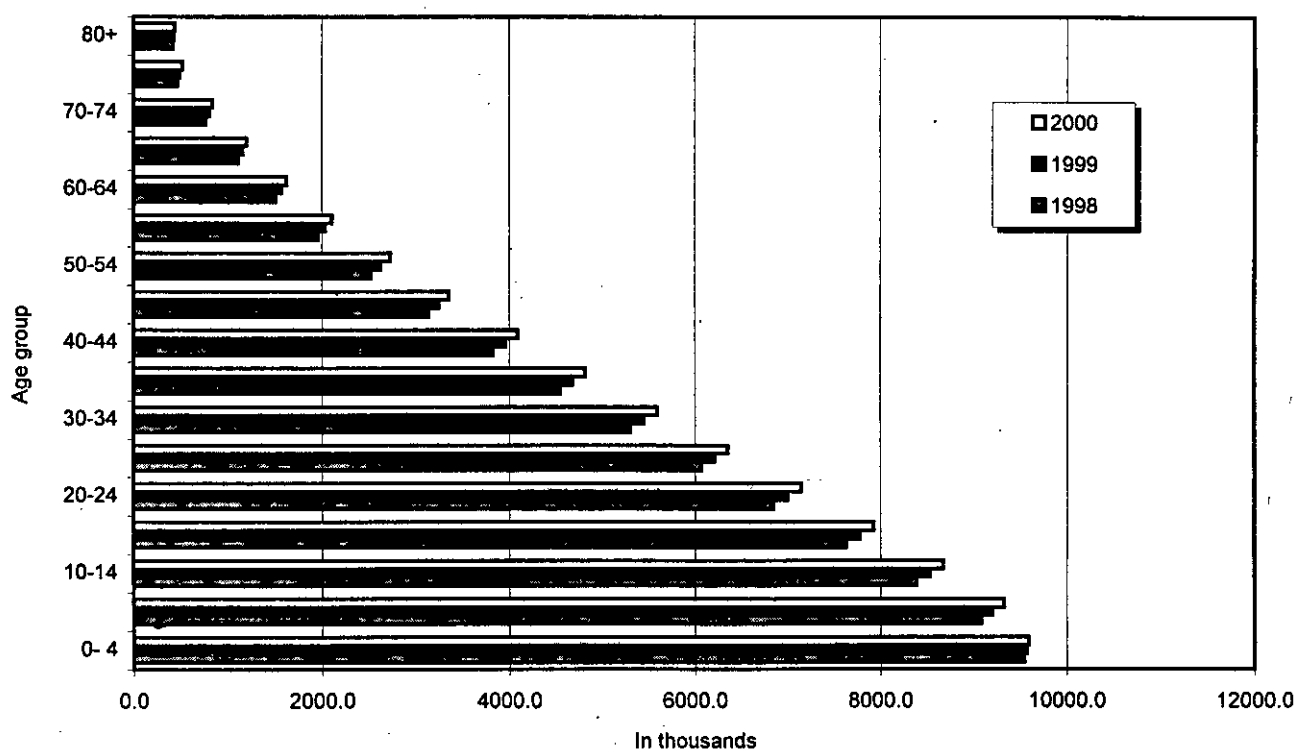
Region and Province	Annual Average Growth Rate			
	1970-1975	1975-1980	1980-1990	1990-1995
11 Southern Mindanao	4.43	4.24	2.28	2.72
Davao	5.91	4.22	3.83	2.28
Davao del Sur	3.58	3.90	2.72	2.58
Davao Oriental	3.84	2.57	1.50	0.87
South Cotabato	4.72	5.60	3.37	4.16
12 Central Mindanao	1.65	3.71	2.28	2.66
Lanao del Norte	1.73	3.87	2.91	
Cotabato	0.16	3.63	3.07	2.30
Cotabato City	1.86	4.56	2.28	2.74
Marawi City	2.60	-3.21	2.28	4.19
Sultan Kudarat	4.53	4.93	3.68	3.44
13 Caraga <sup>a</sup>	3.24	4.24	2.28	1.82
Agusan del Norte	1.58	3.97	2.45	2.02
Agusan del Sur	4.07	4.45	4.73	3.85
Surigao del Norte	4.54	4.04	1.60	0.70
Surigao del Sur	3.17	4.55	1.82	0.78
Autonomous Region for Muslim				
Mindanao <sup>b</sup>	-0.15	2.00	2.28	1.80
Lanao del Sur	1.88	-4.12	4.01	2.24
Maguindanao	0.07	2.33	3.51	0.92
Sulu	-5.32	8.48	2.68	2.50
Tawi-Tawi	5.42	6.29	1.60	1.78

a - Created into a region under RA No. 7901 dated February 23, 1995, taken from Region 10 and Region 11.

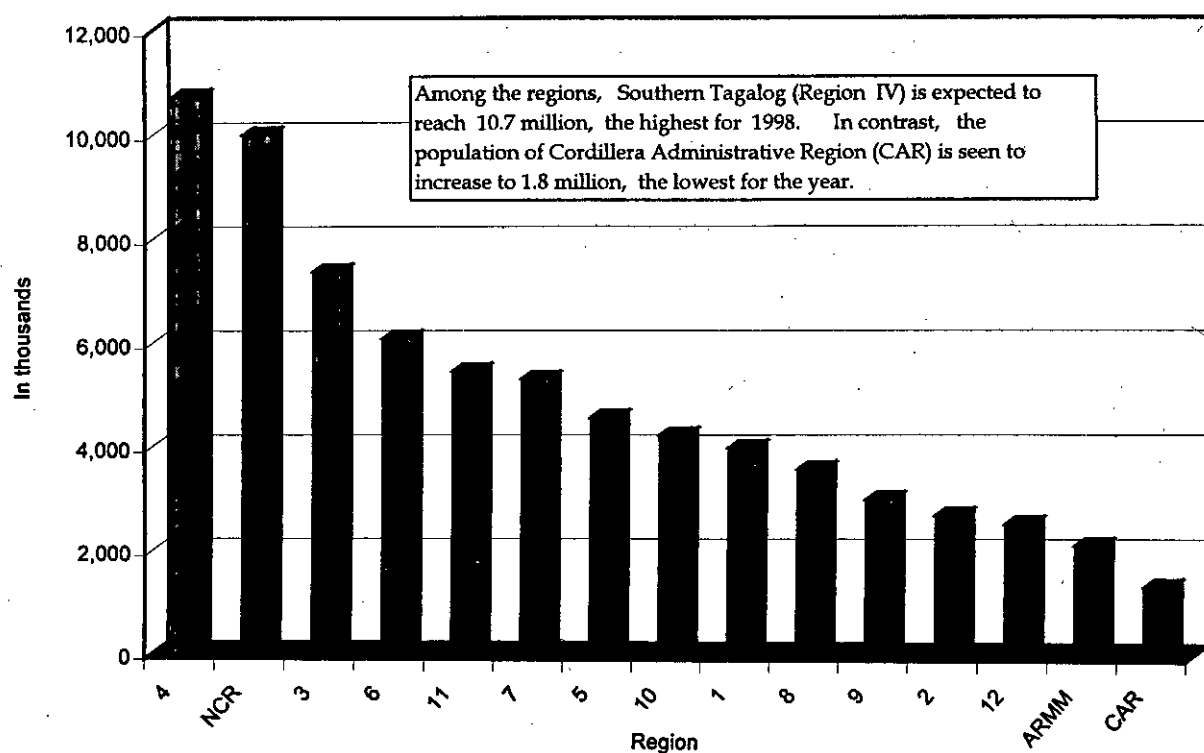
b - Created into a region under RA No. 7864 dated November 26, 1989, taken from Region 9 and Region 12.

Source: National Statistics Office.

**Figure 1.1 POPULATION PROJECTION BY FIVE-YEAR AGE GROUP: 1995 to 2005**



**Figure 1.2 POPULATION PROJECTIONS BY REGION : 1998**



**Table 1.3**  
**POPULATION, LAND AREA AND DENSITY BY CITY**  
**CENSUS YEARS 1970 to 1995**

City	Population					Density (person/sq km)					
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	Land area (sq km)	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
Angeles	234,011	236,686	188,834	151,164	134,544	60.3	3,880.8	3,925.1	3,131.6	2,506.9	2,231.2
Bacolod	402,345	364,180	262,415	223,392	187,300	156.1	2,577.5	2,333.0	1,681.1	1,431.1	1,199.9
Bago	132,338	122,863	99,631	89,213	71,653	402.1	329.1	305.6	247.8	221.9	178.2
Baguio	226,883	183,142	119,009	97,449	84,538	48.9	4,639.7	3,745.2	2,433.7	1,992.8	1,728.8
Bais	63,355	59,591	49,301	45,672	40,095	316.9	199.9	188.0	155.6	144.1	126.5
Batangas	211,879	184,970	143,570	125,363	108,868	283.0	748.7	653.6	507.3	443.0	384.7
Butuan	247,074	227,829	172,489	132,682	131,094	526.3	469.5	432.9	327.7	252.1	249.1
Cabanatuan	201,033	173,065	138,298	115,258	99,890	192.7	1,043.2	898.1	717.7	598.1	518.4
Cadiz	125,943	119,772	129,632	127,653	124,108	516.5	243.8	231.9	251.0	247.2	240.3
Cagayan de Oro	428,314	339,598	227,312	165,220	128,319	412.8	1,037.6	822.7	550.7	400.2	310.8
Calbayog	129,216	115,390	106,719	102,619	94,323	903.0	143.1	127.8	118.2	113.6	104.5
Carlaon	41,334	37,165	28,785	29,152	23,598	160.7	257.2	231.3	179.1	181.4	146.8
Cavite	92,641	91,641	87,666	82,456	75,739	11.8	7,850.9	7,766.2	7,429.3	6,987.8	6,418.6
Cebu	662,299	610,417	490,281	413,025	347,116	280.9	2,357.8	2,173.1	1,745.4	1,470.4	1,235.7
Cotabato	146,779	127,065	83,871	67,097	61,184	176.0	834.0	722.0	476.5	381.2	347.6
Dagupan	126,214	122,247	98,344	90,092	83,582	37.2	3,392.8	3,286.2	2,643.7	2,421.8	2,246.8
Danao	79,932	73,358	56,967	50,260	47,662	107.3	744.9	683.7	530.9	468.0	444.2
Dapitan	62,997	60,213	54,694	46,261	37,781	215.0	293.0	280.1	254.4	215.2	175.7
Davao	1,006,840	849,947	610,375	484,678	392,473	2,211.3	455.3	384.4	276.0	219.2	177.5
Dipolog	90,777	79,887	61,919	48,403	46,368	220.0	412.6	363.1	281.4	220.0	210.8
Dumaguete	92,637	80,262	63,411	52,765	52,000	55.8	1,660.2	1,438.4	1,136.4	945.6	931.9
General Santos	327,173	250,389	149,396	91,154	70,961	423.0	773.5	591.9	353.2	215.5	167.8
Gingoog	87,530	82,582	79,937	66,577	66,522	404.6	216.3	204.1	197.6	164.5	161.9
Iligan	273,004	226,568	167,358	118,778	104,493	730.5	373.7	310.2	229.1	162.6	143.0
Iloilo	334,539	309,505	244,827	227,027	209,738	56.0	5,973.9	5,526.9	4,371.9	4,054.0	3,745.3
Iriga	82,482	74,269	66,113	75,885	77,382	119.6	689.6	621.0	552.8	634.5	647.0
La Carlota	56,414	56,443	45,812	40,984	38,321	137.3	410.9	411.1	333.7	298.5	279.1
Laoag	88,336	83,756	69,648	66,259	61,727	107.5	821.7	779.1	647.9	616.4	574.2
Lapu-Lapu	173,744	146,194	98,723	79,484	69,268	58.1	2,990.4	2,516.2	1,699.2	1,368.1	1,192.2
Legazpi	141,657	121,116	99,766	88,378	84,090	153.7	921.6	788.0	649.1	575.0	547.1
Lipa	177,894	160,117	121,166	106,094	93,971	209.4	849.5	764.6	578.6	506.7	448.8
Lucena	177,750	150,624	107,880	92,336	77,006	68.5	2,594.9	2,198.9	1,574.9	1,348.0	1,124.2
Kalookan	1,023,159	763,415	467,816	397,201	274,453	55.8	18,336.2	13,681.3	8,383.8	7,118.3	4,918.5

Table 1.3 (continued)

City	Population					Density (person/sq km)					
	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	Land area (sq km)	1995 (Sep 1)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)
Makati	484,176	453,170	372,631	334,448	264,918	29.9	16,193.2	15,156.2	12,462.6	11,185.6	8,860.1
Mandaluyong	286,870	248,143	205,366	182,267	149,407	26.0	11,033.5	9,544.0	7,898.7	7,010.3	5,746.4
Mandaue	194,745	180,285	110,590	75,904	58,579	11.7	16,644.9	15,409.0	9,452.1	6,487.5	5,006.8
Muntinlupa	399,846	278,411	136,679	94,563	65,057	46.7	8,562.0	5,961.7	2,926.7	2,024.9	1,393.1
Manila	1,654,761	1,601,234	1,630,485	1,479,116	1,330,788	38.3	43,205.2	41,807.7	42,571.4	38,619.2	34,746.4
Marawi	114,389	91,901	53,812	63,332	55,708	22.6	5,061.5	4,066.4	2,381.1	2,802.3	2,465.0
Naga	126,972	115,329	90,712	83,337	79,846	77.5	1,638.3	1,488.1	1,170.5	1,075.3	1,030.3
Olongapo	179,754	193,327	156,430	147,109	107,785	103.3	1,740.1	1,871.5	1,514.3	1,424.1	1,043.4
Ormoc	144,003	129,456	104,978	89,466	84,563	464.3	310.2	278.8	226.1	192.7	182.1
Oroquieta	56,012	52,500	47,328	42,497	38,575	194.9	287.4	269.4	242.8	218.0	197.9
Ozamis	101,944	91,503	77,832	71,559	64,643	144.2	707.0	634.6	539.8	496.2	448.3
Pagadian	125,182	106,307	80,861	66,062	57,615	378.8	330.5	280.6	213.5	174.4	152.1
Palayan	26,851	20,393	14,959	12,140	8,382	35.6 <sup>a</sup>	754.2	572.8	420.2	341.0	235.4
Pasay	408,610	368,366	287,770	254,999	206,283	13.9	29,396.4	26,501.2	20,702.9	18,345.3	14,840.5
Pasig	471,075	397,679	268,570	209,915	156,492	13.0	36,236.5	30,590.7	20,659.2	16,147.3	12,037.8
Puerto Princesa	129,577	92,147	60,234	45,709	37,774	2,106.7	61.5	43.7	28.6	21.7	17.9
Quezon City	1,989,419	1,669,776	1,165,865	956,864	754,452	166.2	11,970.0	10,046.8	7,014.8	5,757.3	4,539.4
Roxas	118,715	103,171	81,183	71,305	67,648	102.0	1,163.9	1,011.5	795.9	699.1	663.2
San Carlos (Negros Occ.)	101,429	105,713	91,627	90,982	90,058	451.3	224.7	234.2	203.0	201.6	199.6
San Carlos (Pangasinan)	134,039	124,529	101,243	90,882	84,333	166.4	805.5	748.4	608.4	546.2	506.8
San Jose	96,860	82,836	64,254	58,387	70,314	180.5	536.6	458.9	356.0	323.5	389.6
San Pablo	183,757	161,630	131,655	116,607	105,517	214.0	858.7	755.3	615.2	544.9	493.1
Silay	122,748	101,031	111,131	104,887	69,200	214.8	571.5	470.3	517.4	488.3	322.2
Surigao	104,909	100,379	79,745	66,027	51,496	245.3	427.7	409.2	325.1	269.2	209.9
Tacloban	167,310	136,891	102,523	80,707	76,531	100.9	1,658.2	1,356.7	1,016.1	799.9	758.5
Tagaytay	29,419	23,739	16,322	13,388	10,907	74.0	397.6	320.8	217.9	178.7	147.4
Tagbilaran	66,683	56,363	42,683	37,335	33,005	30.3	2,200.8	1,860.2	1,408.7	1,232.2	1,089.3
Tangub	46,004	42,926	40,401	40,461	30,918	119.2	385.9	360.1	338.9	339.4	259.4
Toledo	121,469	119,970	91,668	76,521	67,727	174.5	696.1	687.5	525.3	438.5	388.1
Trece Martires	20,451	15,686	8,579	7,179	6,522	39.1	523.0	401.2	219.4	183.6	166.8
Zamboanga	511,139	442,345	343,722	265,023	199,901	1,414.7	361.3	312.7	243.0	187.3	141.3

a - Area is tentative due to the amendment of R.A. No. 4475.

Source: National Statistics Office.

**Table 1.4**  
**SEX RATIO OF THE HOUSEHOLD POPULATION, BY REGION**  
**CENSUS YEARS 1970 to 1995**

Region	1995			1990		
	Female	Male	Males per 100 females	Female	Male	Males per 100 females
Philippines	33,967,436	34,463,777	101.5	30,115,929	30,443,187	101.1
National Capital Region	4,820,671	4,591,026	95.2	4,071,507	3,835,879	94.2
Cordillera Administrative Region	614,044	632,492	103.0	563,775	577,366	102.4
1 Ilocos Region	1,891,598	1,907,555	100.8	1,770,435	1,776,834	100.4
2 Cagayan Valley	1,239,923	1,290,015	104.0	1,144,923	1,191,427	104.1
3 Central Luzon	3,426,261	3,496,876	102.1	3,070,489	3,118,227	101.6
4 Southern Tagalog	4,920,790	4,996,159	101.5	4,079,714	4,167,406	102.1
5 Bicol Region	2,128,920	2,190,252	102.9	1,919,927	1,984,866	103.4
6 Western Visayas	2,862,791	2,903,152	101.4	2,676,710	2,708,512	101.2
7 Central Visayas	2,490,276	2,505,263	100.6	2,290,892	2,291,637	100.0
8 Eastern Visayas	1,646,850	1,711,328	103.9	1,491,888	1,556,966	104.4
9 Western Mindanao	1,372,286	1,415,214	103.1	1,557,190	1,593,716	102.3
10 Northern Mindanao	1,218,286	1,258,408	103.3	1,720,593	1,782,081	103.6
11 Southern Mindanao	2,247,812	2,345,183	104.3	2,180,458	2,268,158	104.0
12 Central Mindanao	1,151,524	1,198,524	104.1	1,577,428	1,590,112	100.8
13 Caraga	951,032	987,475	103.8			
Autonomous Region for Muslim Mindanao	984,373	1,034,854	105.1			

Source: National Statistics Office.

Table 1.4 (continued)

1980			1975			1970		
Female	Male	Males per 100 females	Female	Male	Males per 100 females	Female	Male	Males per 100 females
23,969,705	24,128,755	100.7	20,794,436	21,276,224	102.3	18,434,135	18,250,351	99.0
3,070,172	2,855,712	93.0	2,539,793	2,430,213	95.7	2,044,783	1,921,912	94.0
1,780,774	1,760,119	98.8	1,632,438	1,636,953	100.3	1,519,928	1,470,633	96.8
1,086,668	1,128,854	103.9	942,420	990,757	105.1	837,676	853,783	101.9
2,395,907	2,406,886	100.5	2,084,430	2,125,706	102.0	1,825,379	1,790,117	98.1
3,023,545	3,095,075	102.4	2,562,334	2,651,509	103.5	2,234,812	2,222,196	99.4
1,711,358	1,765,624	103.2	1,562,216	1,631,505	104.4	1,471,487	1,495,394	101.6
2,259,835	2,265,780	100.3	2,056,920	2,089,470	101.6	1,839,469	1,778,857	96.7
1,905,132	1,882,242	98.8	1,693,143	1,694,131	100.1	1,546,349	1,486,370	96.1
1,375,688	1,423,846	103.5	1,271,247	1,328,481	104.5	1,182,331	1,199,078	101.4
1,247,067	1,281,439	102.8	1,001,029	1,046,853	104.6	936,459	932,555	99.6
1,356,902	1,402,083	103.3	1,129,943	1,184,262	104.8	968,148	984,587	101.7
1,634,628	1,712,175	104.7	1,313,483	1,401,075	106.7	1,075,793	1,124,933	104.6
1,122,029	1,148,920	102.4	1,005,040	1,065,309	106.0	951,521	989,936	104.0

**Table 1.5**  
**PERCENT DISTRIBUTION OF POPULATION BY AGE GROUP AND SEX, BY REGION**  
**1995**

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
Philippines	68,613,706	100.00	49.60	50.40	68,431,214	100.00	49.64	50.36
Under 1	1,878,258	2.74	1.32	1.41	1,877,628	2.74	1.33	1.42
1-4	7,483,583	10.91	5.29	5.62	7,481,871	10.93	5.30	5.64
5-9	8,893,186	12.96	6.31	6.66	8,890,185	12.99	6.32	6.67
10-14	8,040,435	11.72	5.77	5.95	8,029,195	11.73	5.78	5.95
15-19	7,465,220	10.88	5.45	5.43	7,424,225	10.85	5.44	5.41
20-24	6,270,359	9.14	4.59	4.55	6,231,151	9.11	4.58	4.52
25-29	5,752,373	8.38	4.19	4.20	5,724,022	8.36	4.19	4.18
30-34	4,860,821	7.08	3.51	3.58	4,841,978	7.08	3.51	3.56
35-39	4,317,895	6.29	3.09	3.20	4,304,685	6.29	3.10	3.19
40-44	3,402,599	4.96	2.44	2.52	3,393,902	4.96	2.44	2.52
45-49	2,734,186	3.98	1.97	2.02	2,728,751	3.99	1.97	2.02
50-54	2,063,225	3.01	1.50	1.51	2,059,820	3.01	1.50	1.51
55-59	1,714,944	2.50	1.27	1.23	1,712,497	2.50	1.27	1.23
60-64	1,322,007	1.93	0.99	0.94	1,320,309	1.93	0.99	0.94
65-69	955,854	1.39	0.74	0.65	954,557	1.39	0.74	0.65
70-74	654,440	0.95	0.52	0.44	653,550	0.96	0.52	0.44
75-79	410,001	0.60	0.33	0.27	409,383	0.60	0.33	0.27
80-84	252,028	0.37	0.21	0.16	251,540	0.37	0.21	0.16
85 and over	142,292	0.21	0.12	0.09	141,965	0.21	0.12	0.09

Table 1.5 (continued)

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
National Capital Region	9,454,040	100.00	51.16	48.84	9,411,697	100.00	51.22	48.78
Under 1	269,616	2.85	1.37	1.49	269,502	2.86	1.37	1.49
1-4	942,914	9.97	4.82	5.15	942,671	10.02	4.84	5.18
5-9	988,009	10.45	5.06	5.39	987,567	10.49	5.08	5.41
10-14	872,438	9.23	4.59	4.64	871,241	9.26	4.61	4.65
15-19	1,019,997	10.79	5.88	4.91	1,012,942	10.76	5.87	4.89
20-24	1,078,267	11.41	6.15	5.25	1,068,777	11.36	6.14	5.22
25-29	1,011,341	10.70	5.54	5.16	1,003,197	10.66	5.54	5.12
30-34	810,817	8.58	4.37	4.21	805,800	8.56	4.37	4.19
35-39	678,348	7.18	3.60	3.57	674,947	7.17	3.61	3.56
40-44	521,026	5.51	2.76	2.75	518,686	5.51	2.77	2.74
45-49	398,036	4.21	2.09	2.12	396,520	4.21	2.10	2.11
50-54	263,980	2.79	1.42	1.37	263,071	2.80	1.42	1.37
55-59	207,958	2.20	1.15	1.05	207,273	2.20	1.16	1.05
60-64	152,527	1.61	0.87	0.74	152,034	1.62	0.87	0.74
65-69	102,632	1.09	0.60	0.48	102,224	1.09	0.60	0.48
70-74	63,667	0.67	0.39	0.28	63,359	0.67	0.39	0.28
75-79	37,061	0.39	0.24	0.15	36,794	0.39	0.24	0.15
80-84	21,881	0.23	0.15	0.08	21,679	0.23	0.15	0.08
85 and over	13,525	0.14	0.09	0.05	13,413	0.14	0.09	0.05
Cordillera Administrative Region	1,254,838	100.00	49.18	50.82	1,246,536	100.00	49.26	50.73
Under 1	33,637	2.68	1.31	1.37	33,603	2.70	1.31	1.38
1-4	134,851	10.75	5.20	5.54	134,748	10.81	5.23	5.58
5-9	165,881	13.22	6.40	6.82	165,748	13.30	6.43	6.86
10-14	148,481	11.83	5.78	6.05	148,215	11.89	5.81	6.08
15-19	141,178	11.25	5.71	5.54	138,222	11.09	5.63	5.46
20-24	116,170	9.26	4.61	4.65	114,183	9.16	4.59	4.57
25-29	105,728	8.43	4.10	4.33	104,709	8.40	4.11	4.29
30-34	88,388	7.04	3.40	3.64	87,674	7.03	3.42	3.62
35-39	78,866	6.28	3.02	3.27	78,476	6.30	3.03	3.26
40-44	57,594	4.59	2.22	2.37	57,351	4.60	2.23	2.37
45-49	46,384	3.70	1.81	1.89	46,250	3.71	1.82	1.89
50-54	34,633	2.76	1.38	1.38	34,527	2.77	1.39	1.38
55-59	30,750	2.45	1.23	1.22	30,689	2.46	1.23	1.23
60-64	25,080	2.00	1.03	0.97	25,028	2.01	1.04	0.97
65-69	18,704	1.49	0.79	0.70	18,673	1.50	0.79	0.71
70-74	12,996	1.04	0.54	0.50	12,966	1.04	0.54	0.50
75-79	8,277	0.66	0.34	0.32	8,262	0.66	0.34	0.32
80-84	4,413	0.35	0.19	0.16	4,398	0.35	0.19	0.16
85 and over	2,827	0.23	0.13	0.10	2,814	0.23	0.13	0.10



Table 1.5 (continued)

**PERCENT DISTRIBUTION OF POPULATION BY AGE GROUP AND SEX, BY REGION**  
**1995**

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
1 Ilocos Region	3,803,890	100.00	48.77	50.23	3,799,153	100.00	49.79	50.21
Under 1	97,302	2.56	1.24	1.32	97,288	2.56	1.24	1.32
1-4	383,576	10.08	4.87	5.22	383,515	10.09	4.87	5.22
5-9	472,248	12.41	6.01	6.40	472,197	12.43	6.02	6.41
10-14	458,453	12.05	5.89	6.16	458,190	12.06	5.89	6.17
15-19	400,678	10.53	5.10	5.43	399,776	10.52	5.10	5.42
20-24	321,809	8.46	4.13	4.33	320,812	8.44	4.12	4.32
25-29	296,324	7.79	3.85	3.94	295,580	7.78	3.85	3.93
30-34	256,920	6.75	3.35	3.41	256,448	6.75	3.35	3.40
35-39	230,847	6.07	3.02	3.05	230,482	6.07	3.02	3.05
40-44	186,241	4.90	2.48	2.42	186,005	4.90	2.48	2.42
45-49	165,723	4.36	2.21	2.14	165,487	4.36	2.22	2.14
50-54	128,833	3.39	1.74	1.64	128,722	3.39	1.74	1.64
55-59	110,372	2.90	1.52	1.38	110,277	2.90	1.52	1.38
60-64	87,088	2.29	1.23	1.06	87,031	2.29	1.23	1.06
65-69	69,335	1.82	1.01	0.81	69,286	1.82	1.01	0.81
70-74	55,706	1.46	0.83	0.64	55,677	1.47	0.83	0.64
75-79	38,776	1.02	0.59	0.43	38,752	1.02	0.59	0.43
80-84	25,554	0.67	0.41	0.27	25,541	0.67	0.41	0.27
85 and over	18,105	0.48	0.30	0.18	18,087	0.48	0.30	0.18
2 Cagayan Valley	2,536,035	100.00	48.97	51.03	2,529,938	100.00	49.01	50.99
Under 1	68,056	2.68	1.30	1.39	68,007	2.69	1.30	1.39
1-4	272,466	10.74	5.20	5.54	272,334	10.76	5.21	5.55
5-9	335,818	13.24	6.44	6.80	335,665	13.27	6.46	6.81
10-14	309,502	12.20	5.97	6.24	309,285	12.23	5.98	6.25
15-19	269,125	10.61	5.15	5.46	267,951	10.59	5.14	5.46
20-24	215,842	8.51	4.13	4.38	214,825	8.49	4.12	4.37
25-29	201,582	7.95	3.89	4.06	200,560	7.93	3.89	4.04
30-34	181,717	7.17	3.50	3.66	180,882	7.15	3.50	3.64
35-39	164,719	6.50	3.15	3.35	164,118	6.49	3.15	3.34
40-44	127,938	5.04	2.48	2.57	127,591	5.04	2.48	2.56
45-49	100,099	3.95	1.94	2.01	99,901	3.95	1.94	2.01
50-54	74,312	2.93	1.47	1.46	74,192	2.93	1.47	1.46
55-59	67,441	2.66	1.34	1.32	67,361	2.66	1.34	1.32
60-64	51,378	2.03	1.03	1.00	51,328	2.03	1.03	1.00
65-69	36,654	1.45	0.75	0.69	36,622	1.45	0.75	0.69
70-74	26,404	1.04	0.54	0.50	26,367	1.04	0.55	0.50
75-79	16,924	0.67	0.35	0.32	16,905	0.67	0.35	0.32
80-84	10,038	0.40	0.22	0.18	10,029	0.40	0.22	0.18
85 and over	6,020	0.24	0.14	0.10	6,015	0.24	0.14	0.10

Table 1:5 (continued)

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
3 Central Luzon	6,932,570	100.00	49.48	50.52	6,923,137	100.00	49.49	50.51
Under 1	186,987	2.70	1.30	1.40	186,925	2.70	1.30	1.40
1-4	715,386	10.32	4.98	5.34	715,192	10.33	4.98	5.35
5-9	842,711	12.16	5.88	6.27	842,450	12.17	5.89	6.28
10-14	782,420	11.29	5.52	5.77	782,001	11.30	5.52	5.77
15-19	750,044	10.82	5.37	5.45	747,918	10.80	5.36	5.45
20-24	658,335	9.50	4.70	4.79	656,338	9.48	4.70	4.78
25-29	618,140	8.92	4.41	4.51	616,743	8.91	4.41	4.50
30-34	514,709	7.42	3.66	3.77	513,737	7.42	3.66	3.76
35-39	445,143	6.42	3.15	3.27	444,485	6.42	3.15	3.27
40-44	351,656	5.07	2.50	2.57	351,168	5.07	2.50	2.57
45-49	294,487	4.25	2.11	2.14	294,222	4.25	2.11	2.14
50-54	209,081	3.02	1.52	1.50	208,917	3.02	1.52	1.50
55-59	175,106	2.53	1.28	1.24	174,995	2.53	1.29	1.24
60-64	133,792	1.93	1.01	0.92	133,688	1.93	1.01	0.92
65-69	97,680	1.41	0.77	0.64	97,599	1.41	0.77	0.64
70-74	68,426	0.99	0.55	0.43	68,363	0.99	0.55	0.43
75-79	44,032	0.64	0.37	0.27	44,006	0.64	0.37	0.27
80-84	27,929	0.40	0.24	0.16	27,901	0.40	0.24	0.16
85 and over	16,506	0.24	0.15	0.09	16,489	0.24	0.15	0.09
4 Southern Tagalog	9,943,096	100.00	49.56	50.44	9,916,949	100.00	49.62	50.38
Under 1	282,758	2.84	1.38	1.46	282,693	2.85	1.39	1.47
1-4	1,095,979	11.02	5.34	5.68	1,095,804	11.05	5.35	5.70
5-9	1,258,566	12.66	6.15	6.51	1,258,207	12.69	6.17	6.52
10-14	1,146,746	11.53	5.65	5.88	1,144,399	11.54	5.66	5.88
15-19	1,061,235	10.67	5.33	5.34	1,055,600	10.64	5.33	5.31
20-24	908,720	9.14	4.59	4.55	903,529	9.11	4.58	4.53
25-29	853,855	8.59	4.29	4.30	849,826	8.57	4.29	4.28
30-34	730,687	7.35	3.62	3.72	727,752	7.34	3.63	3.71
35-39	652,917	6.57	3.21	3.36	650,871	6.56	3.21	3.35
40-44	512,508	5.15	2.52	2.64	511,213	5.15	2.52	2.63
45-49	398,305	4.01	1.97	2.03	397,586	4.01	1.98	2.03
50-54	291,603	2.93	1.47	1.46	291,099	2.94	1.48	1.46
55-59	238,184	2.40	1.22	1.17	237,879	2.40	1.22	1.18
60-64	182,447	1.83	0.96	0.88	182,259	1.84	0.96	0.88
65-69	131,414	1.32	0.71	0.61	131,257	1.32	0.71	0.61
70-74	88,208	0.89	0.49	0.39	88,127	0.89	0.49	0.39
75-79	55,358	0.56	0.32	0.24	55,308	0.56	0.32	0.24
80-84	34,662	0.35	0.21	0.14	34,622	0.35	0.21	0.14
85 and over	18,944	0.19	0.11	0.08	18,918	0.19	0.12	0.08

Table 1.5 (continued)

**PERCENT DISTRIBUTION OF POPULATION BY AGE GROUP AND SEX, BY REGION**  
**1995**

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
5 Bicol Region	4,325,307	100.00	49.26	50.74	4,319,172	100.00	49.29	50.71
Under 1	127,768	2.95	1.43	1.52	127,733	2.96	1.43	1.53
1-4	525,031	12.14	5.88	6.26	524,921	12.15	5.89	6.26
5-9	625,143	14.45	7.02	7.43	625,050	14.47	7.03	7.44
10-14	567,625	13.12	6.41	6.71	567,255	13.13	6.42	6.71
15-19	466,832	10.79	5.20	5.59	465,618	10.78	5.20	5.58
20-24	339,385	7.85	3.82	4.02	338,322	7.83	3.82	4.01
25-29	305,376	7.06	3.49	3.57	304,424	7.05	3.49	3.56
30-34	262,745	6.07	2.99	3.08	261,953	6.06	3.00	3.07
35-39	235,101	5.44	2.69	2.74	234,569	5.43	2.69	2.74
40-44	192,533	4.45	2.22	2.23	192,200	4.45	2.22	2.23
45-49	164,697	3.81	1.91	1.89	164,507	3.81	1.92	1.89
50-54	136,224	3.15	1.60	1.55	136,094	3.15	1.60	1.55
55-59	113,380	2.62	1.35	1.28	113,283	2.62	1.35	1.28
60-64	90,042	2.08	1.07	1.01	89,963	2.08	1.07	1.01
65-69	70,643	1.63	0.86	0.77	70,602	1.63	0.86	0.77
70-74	46,731	1.08	0.58	0.51	46,698	1.08	0.58	0.51
75-79	29,288	0.68	0.38	0.30	29,253	0.68	0.38	0.30
80-84	17,465	0.40	0.23	0.18	17,438	0.40	0.23	0.18
85 and over	9,298	0.21	0.12	0.09	9,289	0.22	0.12	0.09
6 Western Visayas	5,776,938	100.00	49.61	50.39	5,765,943	100.00	49.65	50.35
Under 1	147,225	2.55	1.24	1.31	147,195	2.55	1.24	1.31
1-4	607,058	10.51	5.12	5.39	606,941	10.53	5.12	5.40
5-9	764,436	13.23	6.45	6.78	764,229	13.25	6.46	6.79
10-14	714,855	12.37	6.13	6.24	714,230	12.39	6.14	6.25
15-19	629,778	10.90	5.31	5.59	627,541	10.88	5.31	5.58
20-24	485,495	8.40	4.07	4.33	483,375	8.38	4.07	4.31
25-29	429,965	7.44	3.65	3.79	428,117	7.42	3.65	3.77
30-34	377,816	6.54	3.22	3.32	376,708	6.53	3.22	3.31
35-39	344,891	5.97	2.95	3.02	344,146	5.97	2.96	3.01
40-44	284,606	4.93	2.45	2.47	284,083	4.93	2.46	2.47
45-49	234,218	4.05	2.04	2.01	233,850	4.06	2.04	2.01
50-54	191,427	3.31	1.70	1.61	191,139	3.31	1.71	1.61
55-59	170,140	2.95	1.54	1.40	169,903	2.95	1.54	1.40
60-64	133,504	2.31	1.21	1.10	133,336	2.31	1.22	1.10
65-69	97,318	1.68	0.92	0.76	97,203	1.69	0.92	0.76
70-74	71,551	1.24	0.69	0.55	71,454	1.24	0.69	0.55
75-79	46,689	0.81	0.45	0.36	46,621	0.81	0.45	0.36
80-84	30,018	0.52	0.30	0.22	29,958	0.52	0.30	0.22
85 and over	15,948	0.28	0.16	0.11	15,914	0.28	0.16	0.11

Table 1.5 (continued)

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
7 Central Visayas	5,014,588	100.00	49.83	50.17	4,995,539	100.00	49.85	50.15
Under 1	137,441	2.74	1.33	1.41	137,361	2.75	1.33	1.42
1-4	538,764	10.74	5.21	5.53	538,585	10.78	5.23	5.55
5-9	652,005	13.00	6.31	6.69	651,719	13.05	6.34	6.71
10-14	588,166	11.73	5.78	5.95	584,986	11.71	5.77	5.94
15-19	535,789	10.68	5.31	5.38	530,067	10.61	5.27	5.34
20-24	443,234	8.84	4.42	4.42	439,249	8.79	4.41	4.39
25-29	391,361	7.80	3.89	3.91	389,267	7.79	3.89	3.90
30-34	338,900	6.76	3.37	3.39	337,852	6.76	3.38	3.39
35-39	297,280	5.93	2.95	2.98	296,588	5.94	2.95	2.98
40-44	245,689	4.90	2.46	2.44	245,173	4.91	2.46	2.45
45-49	197,585	3.94	1.98	1.96	197,209	3.95	1.99	1.96
50-54	164,809	3.29	1.68	1.60	164,561	3.29	1.69	1.61
55-59	142,141	2.83	1.48	1.36	141,936	2.84	1.48	1.36
60-64	114,983	2.29	1.21	1.09	114,838	2.30	1.21	1.09
65-69	86,988	1.73	0.92	0.81	86,856	1.74	0.93	0.81
70-74	61,708	1.23	0.67	0.56	61,646	1.23	0.67	0.56
75-79	40,396	0.81	0.43	0.37	40,360	0.81	0.43	0.37
80-84	24,672	0.49	0.28	0.21	24,630	0.49	0.28	0.22
85 and over	12,677	0.25	0.14	0.11	12,656	0.25	0.15	0.11
8 Eastern Visayas	3,366,917	100.00	49.00	51.00	3,358,178	100.00	49.04	50.96
Under 1	102,335	3.04	1.47	1.57	102,315	3.05	1.47	1.57
1-4	401,021	11.91	5.77	6.14	400,925	11.94	5.79	6.15
5-9	473,691	14.07	6.87	7.20	473,465	14.10	6.88	7.22
10-14	423,432	12.58	6.16	6.42	422,887	12.59	6.17	6.42
15-19	344,172	10.22	4.85	5.37	342,164	10.19	4.83	5.36
20-24	262,281	7.79	3.76	4.03	260,652	7.76	3.76	4.01
25-29	235,512	6.99	3.42	3.58	234,116	6.97	3.42	3.55
30-34	205,225	6.10	2.98	3.12	204,301	6.08	2.98	3.10
35-39	187,006	5.55	2.70	2.85	186,311	5.55	2.71	2.84
40-44	150,897	4.48	2.20	2.28	150,510	4.48	2.20	2.28
45-49	132,911	3.95	1.96	1.98	132,595	3.95	1.97	1.98
50-54	115,148	3.42	1.71	1.71	114,964	3.42	1.71	1.71
55-59	99,070	2.94	1.49	1.45	98,946	2.95	1.50	1.45
60-64	80,659	2.40	1.22	1.18	80,593	2.40	1.22	1.18
65-69	62,104	1.84	0.97	0.88	62,054	1.85	0.97	0.88
70-74	42,993	1.28	0.68	0.60	42,964	1.28	0.68	0.60
75-79	25,842	0.77	0.41	0.36	25,824	0.77	0.41	0.36
80-84	15,304	0.45	0.25	0.20	15,286	0.46	0.25	0.20
85 and over	7,314	0.22	0.12	0.10	7,306	0.22	0.12	0.10

Table 1.5 (continued)  
PERCENT DISTRIBUTION OF POPULATION BY AGE GROUP AND SEX, BY REGION  
1995

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
9 Western Mindanao	2,794,659	100.00	49.16	50.84	2,787,500	100.00	49.23	50.77
Under 1	80,289	2.87	1.40	1.47	80,263	2.88	1.40	1.48
1-4	330,015	11.81	5.78	6.03	329,955	11.84	5.79	6.05
5-9	396,583	14.19	6.96	7.23	396,531	14.23	6.97	7.25
10-14	346,531	12.40	6.12	6.28	346,333	12.42	6.13	6.30
15-19	313,701	11.23	5.61	5.62	312,530	11.21	5.60	5.61
20-24	247,410	8.85	4.42	4.43	246,046	8.83	4.41	4.41
25-29	223,382	7.99	3.97	4.03	222,228	7.97	3.97	4.00
30-34	187,979	6.73	3.30	3.43	186,930	6.71	3.30	3.40
35-39	168,095	6.01	2.93	3.08	167,237	6.00	2.94	3.06
40-44	131,427	4.70	2.26	2.44	130,854	4.69	2.26	2.43
45-49	101,051	3.62	1.76	1.86	100,763	3.61	1.76	1.85
50-54	79,977	2.86	1.38	1.48	79,831	2.86	1.38	1.48
55-59	63,257	2.26	1.10	1.16	63,172	2.27	1.10	1.16
60-64	48,526	1.74	0.84	0.90	48,478	1.74	0.84	0.90
65-69	32,960	1.18	0.59	0.59	32,924	1.18	0.59	0.59
70-74	20,944	0.75	0.37	0.38	20,917	0.75	0.37	0.38
75-79	11,831	0.42	0.21	0.22	11,823	0.42	0.21	0.22
80-84	7,047	0.25	0.13	0.12	7,038	0.25	0.13	0.12
85 and over	3,654	0.13	0.07	0.06	3,647	0.13	0.07	0.06
10 Northern Mindanao	2,483,272	100.00	49.17	50.83	2,476,695	100.00	49.19	50.81
Under 1	71,460	2.88	1.39	1.48	71,436	2.88	1.40	1.49
1-4	285,803	11.51	5.59	5.92	285,770	11.54	5.60	5.94
5-9	349,231	14.06	6.86	7.21	349,170	14.10	6.87	7.23
10-14	299,219	12.05	5.97	6.08	298,999	12.07	5.98	6.09
15-19	272,565	10.98	5.47	5.51	270,805	10.93	5.44	5.49
20-24	217,264	8.75	4.33	4.42	215,456	8.70	4.31	4.39
25-29	194,546	7.83	3.88	3.95	193,515	7.81	3.88	3.93
30-34	170,886	6.88	3.38	3.50	170,323	6.88	3.38	3.49
35-39	152,953	6.16	3.02	3.14	152,602	6.16	3.02	3.14
40-44	121,343	4.89	2.36	2.53	121,112	4.89	2.36	2.53
45-49	91,666	3.69	1.77	1.92	91,509	3.69	1.77	1.92
50-54	70,704	2.85	1.39	1.46	70,620	2.85	1.39	1.46
55-59	60,535	2.44	1.21	1.22	60,452	2.44	1.22	1.23
60-64	47,030	1.89	0.94	0.95	46,958	1.90	0.94	0.95
65-69	32,332	1.30	0.66	0.64	32,289	1.30	0.66	0.64
70-74	21,476	0.86	0.45	0.42	21,452	0.87	0.45	0.42
75-79	13,031	0.52	0.26	0.26	13,009	0.53	0.26	0.26
80-84	7,467	0.30	0.16	0.14	7,462	0.30	0.16	0.14
85 and over	3,761	0.15	0.08	0.07	3,756	0.15	0.08	0.07

Table 1.5 (continued)

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
11 Southern Mindanao	4,604,158	100.00	48.90	51.10	4,592,995	100.00	48.94	51.06
Under 1	125,259	2.72	1.32	1.40	125,212	2.73	1.32	1.41
1-4	513,037	11.14	5.41	5.73	512,917	11.17	5.42	5.74
5-9	636,990	13.84	6.74	7.10	636,772	13.86	6.75	7.11
10-14	563,115	12.23	6.05	6.18	562,517	12.25	6.06	6.18
15-19	524,501	11.39	5.72	5.68	522,267	11.37	5.71	5.66
20-24	428,074	9.30	4.60	4.69	425,387	9.26	4.59	4.67
25-29	380,861	8.27	4.07	4.20	379,048	8.25	4.07	4.19
30-34	319,510	6.94	3.39	3.55	318,379	6.93	3.39	3.54
35-39	285,330	6.20	3.01	3.19	284,446	6.19	3.01	3.18
40-44	221,915	4.82	2.31	2.51	221,378	4.82	2.31	2.51
45-49	171,597	3.73	1.77	1.96	171,287	3.73	1.77	1.96
50-54	128,345	2.79	1.32	1.47	128,147	2.79	1.32	1.47
55-59	102,741	2.23	1.06	1.17	102,595	2.23	1.06	1.17
60-64	76,621	1.66	0.79	0.88	76,531	1.67	0.79	0.88
65-69	53,547	1.16	0.56	0.60	53,469	1.16	0.56	0.60
70-74	34,109	0.74	0.36	0.38	34,063	0.74	0.36	0.38
75-79	20,852	0.45	0.22	0.23	20,841	0.45	0.22	0.23
80-84	12,018	0.26	0.13	0.13	12,008	0.26	0.13	0.13
85 and over	5,736	0.12	0.06	0.06	5,731	0.12	0.06	0.06
12 Central Mindanao	2,359,808	100.00	48.98	51.02	2,350,048	100.00	49.00	51.00
Under 1	59,318	2.51	1.21	1.31	59,311	2.52	1.21	1.31
1-4	274,967	11.65	5.60	6.05	274,938	11.70	5.63	6.07
5-9	335,217	14.21	6.91	7.30	334,957	14.25	6.93	7.32
10-14	295,186	12.51	6.19	6.32	294,693	12.54	6.20	6.34
15-19	274,097	11.62	5.87	5.75	270,345	11.50	5.81	5.70
20-24	215,368	9.13	4.60	4.53	212,729	9.05	4.57	4.48
25-29	195,509	8.28	4.15	4.14	194,643	8.28	4.15	4.13
30-34	159,542	6.76	3.34	3.42	158,926	6.76	3.35	3.42
35-39	145,023	6.15	2.96	3.18	144,567	6.15	2.97	3.18
40-44	110,436	4.68	2.23	2.45	110,138	4.69	2.23	2.45
45-49	86,390	3.66	1.72	1.94	86,270	3.67	1.73	1.94
50-54	62,701	2.66	1.26	1.40	62,625	2.66	1.26	1.40
55-59	49,432	2.09	0.99	1.10	49,389	2.10	1.00	1.10
60-64	36,909	1.56	0.74	0.82	36,879	1.57	0.74	0.83
65-69	24,612	1.04	0.51	0.53	24,597	1.05	0.51	0.53
70-74	15,587	0.66	0.31	0.35	15,580	0.66	0.31	0.35
75-79	8,928	0.38	0.18	0.19	8,919	0.38	0.18	0.20
80-84	6,137	0.26	0.12	0.14	6,134	0.26	0.12	0.14
85 and over	4,449	0.19	0.09	0.10	4,408	0.19	0.09	0.10

**Table 1.5 (continued)**  
**PERCENT DISTRIBUTION OF POPULATION BY AGE GROUP AND SEX, BY REGION**  
**1995**

Age group and region	Total Population				Household Population			
	Number	Both Sexes (%)	Female (%)	Male (%)	Number	Both Sexes (%)	Female (%)	Male (%)
13 Caraga	1,942,687	100.00	49.02	50.98	1,938,507	100.00	49.06	50.94
Under 1	55,219	2.84	1.37	1.47	55,200	2.85	1.37	1.48
1-4	228,435	11.76	5.74	6.02	228,383	11.78	5.75	6.03
5-9	281,599	14.50	7.11	7.38	281,522	14.52	7.13	7.40
10-14	248,844	12.81	6.35	6.46	248,701	12.83	6.36	6.47
15-19	208,679	10.74	5.24	5.50	207,930	10.73	5.24	5.49
20-24	159,933	8.23	4.02	4.21	159,022	8.20	4.01	4.19
25-29	144,368	7.43	3.65	3.78	143,700	7.41	3.65	3.76
30-34	128,528	6.62	3.24	3.38	128,034	6.60	3.24	3.37
35-39	114,155	5.88	2.85	3.02	113,773	5.87	2.86	3.01
40-44	90,154	4.64	2.25	2.40	89,914	4.64	2.25	2.39
45-49	72,582	3.74	1.83	1.91	72,398	3.73	1.83	1.91
50-54	60,315	3.10	1.51	1.59	60,202	3.11	1.52	1.59
55-59	50,495	2.60	1.28	1.32	50,423	2.60	1.28	1.32
60-64	38,405	1.98	0.96	1.02	38,369	1.98	0.96	1.02
65-69	25,926	1.33	0.68	0.65	25,911	1.34	0.68	0.65
70-74	16,972	0.87	0.45	0.42	16,962	0.88	0.45	0.42
75-79	9,852	0.51	0.26	0.25	9,847	0.51	0.26	0.25
80-84	5,756	0.30	0.16	0.14	5,749	0.30	0.16	0.14
85 and over	2,470	0.13	0.07	0.06	2,467	0.13	0.07	0.06
Autonomous Region of Muslim Mindanao	2,020,903	100.00	48.75	51.25	2,019,227	100.00	48.75	51.25
Under 1	33,588	1.66	0.81	0.86	33,584	1.66	0.81	0.86
1-4	234,280	11.59	5.62	5.98	234,272	11.60	5.62	5.98
5-9	315,058	15.59	7.73	7.86	314,936	15.60	7.73	7.86
10-14	275,422	13.63	6.78	6.85	275,263	13.63	6.78	6.85
15-19	252,849	12.51	6.26	6.25	252,549	12.51	6.27	6.24
20-24	172,772	8.55	4.39	4.16	172,449	8.54	4.39	4.15
25-29	164,523	8.14	4.21	3.93	164,349	8.14	4.21	3.92
30-34	126,452	6.26	3.09	3.17	126,279	6.25	3.09	3.17
35-39	137,221	6.79	3.23	3.56	137,067	6.79	3.23	3.55
40-44	96,636	4.78	2.18	2.61	96,526	4.78	2.18	2.60
45-49	78,455	3.88	1.76	2.12	78,397	3.88	1.76	2.12
50-54	51,133	2.53	1.03	1.50	51,109	2.53	1.03	1.50
55-59	33,942	1.68	0.70	0.98	33,924	1.68	0.70	0.98
60-64	23,016	1.14	0.45	0.69	22,996	1.14	0.45	0.69
65-69	13,005	0.64	0.26	0.38	12,991	0.64	0.26	0.38
70-74	6,962	0.34	0.13	0.22	6,955	0.34	0.13	0.22
75-79	2,864	0.14	0.06	0.09	2,859	0.14	0.06	0.09
80-84	1,667	0.08	0.03	0.05	1,667	0.08	0.04	0.05
85 and over	1,058	0.05	0.02	0.03	1,055	0.05	0.02	0.03

Note: Population data excludes Filipinos in embassies, consulates and missions abroad.

Source: National Statistics Office.

**Table 1.6**  
**POPULATION OF THE PHILIPPINES**  
**CENSUS YEARS 1799 to 1995**

Year	Population	Average annual rate of increase	Source of data
1799	1,502,574	-	Fr. Buzeta
1800	1,561,251	3.91	Fr. Zuniga
1812	1,933,331	1.80	Cedulas
1819	2,106,230	1.23	Cedulas
1829	2,593,287	2.10	Church
1840	3,096,031	1.62	Local officials
1850	3,857,424	2.22	Fr. Buzeta
1858	4,290,381	1.34	Bowring
1870	4,712,006	0.78	Guia de Manila
1877	5,567,685	2.41	Census
1887	5,984,727	0.72	Census
1896	6,261,339	0.50	Prof. Plehn's estimate based on census records.
1903	7,635,426	2.87	Census
1918	10,314,310	2.03	Census
1939	16,000,303	2.11	Census
1948	19,234,182	2.07	Census
1960	27,087,685	2.89	Census
1970	36,684,486	3.08	Census
1975	42,070,660	2.78	Census
1980	48,098,460	2.71	Census
1990	60,703,206 <sup>a</sup>	2.35	Census
1995	68,616,536 <sup>a</sup>	2.32	Census

Note: Population from 1799 to 1896 excludes non-Christians.

a - Includes the household population, homeless population, Filipinos in Philippine Embassies/Consulates and missions abroad and institutional population who are found living in institutional living quarters such as penal institutions, orphanages, hospitals, military camps, etc. at the time of the census taking.

Source: National Statistics Office.



**Table 1.7**  
**POPULATION PROJECTION BY REGION**  
**1995 to 2005**  
**(Medium Assumption)**

Region	1995	1996	1997	1998	1999
Philippines	68,349,452	69,946,205	71,538,593	73,130,985	74,723,373
NCR	9,421,134	9,618,323	9,814,977	10,011,636	10,208,290
CAR	1,249,332	1,279,615	1,309,811	1,340,011	1,370,207
1 Ilocos Region	3,791,683	3,861,569	3,931,261	4,000,953	4,070,645
2 Cagayan Valley	2,525,814	2,583,263	2,640,554	2,697,849	2,755,140
3 Central Luzon	6,906,819	7,063,078	7,218,913	7,374,751	7,530,586
4 Southern Tagalog	9,903,972	10,183,894	10,463,047	10,742,197	11,021,350
5 Bicol Region	4,309,488	4,398,902	4,488,068	4,577,240	4,666,406
6 Western Visayas	5,756,625	5,870,305	5,983,675	6,097,048	6,210,418
7 Central Visayas	4,997,998	5,106,411	5,214,527	5,322,648	5,430,764
8 Eastern Visayas	3,356,854	3,434,391	3,511,714	3,589,035	3,666,358
9 Western Mindanao	2,782,363	2,856,418	2,930,263	3,004,109	3,077,954
10 Northern Mindanao	3,938,252	4,039,114	4,139,703	4,240,288	4,340,877
11 Southern Mindanao	5,052,730	5,192,377	5,331,644	5,470,907	5,610,174
12 Central Mindanao	2,348,224	2,410,736	2,473,078	2,535,416	2,597,758
ARMM	2,008,166	2,047,820	2,087,362	2,126,910	2,166,452

Note: Sum of regional population may not add up to Philippine population due to rounding.

Source: Technical Advisory Group and NSO Population Projections Unit.

**Table 1.8**  
**POPULATION PROJECTION BY FIVE-YEAR AGE GROUP**  
**1995 to 2005**  
**(Medium Assumption)**

Age group	1995	1996	1997	1998	1999
Philippines	68,349,452	69,946,205	71,538,593	73,130,985	74,723,373
0-4	9,469,705	9,494,914	9,520,054	9,545,196	9,570,336
5-9	8,714,784	8,837,801	8,960,482	9,083,163	9,205,844
10-14	7,957,260	8,101,226	8,244,799	8,388,372	8,531,945
15-19	7,186,725	7,335,054	7,482,979	7,630,904	7,778,829
20-24	6,401,280	6,550,417	6,699,146	6,847,876	6,996,605
25-29	5,639,744	5,782,511	5,924,888	6,067,264	6,209,641
30-34	4,869,790	5,013,749	5,157,314	5,300,880	5,444,445
35-39	4,153,505	4,285,819	4,417,770	4,549,722	4,681,673
40-44	3,424,083	3,557,457	3,690,467	3,823,477	3,956,487
45-49	2,810,363	2,918,849	3,027,039	3,135,230	3,243,420
50-54	2,203,940	2,308,599	2,412,972	2,517,345	2,621,718
55-59	1,742,611	1,815,604	1,888,398	1,961,192	2,033,986
60-64	1,334,111	1,392,821	1,451,370	1,509,919	1,568,468
65-69	988,412	1,030,483	1,072,438	1,114,392	1,156,347
70-74	672,866	705,253	737,551	769,849	802,147
75-79	387,474	414,021	440,496	466,971	493,446
80+	392,799	401,627	410,430	419,233	428,036

Note: Details may not add up to totals due to rounding.

Source: Technical Advisory Group and NSO Population Projections Unit.

Table 1.7 (continued)

2000	2001	2002	2003	2004	2005
76,320,126	77,898,184	79,476,245	81,054,304	82,636,689	84,214,747
10,405,479	10,582,160	10,758,840	10,935,524	11,112,687	11,289,368
1,400,490	1,431,009	1,461,529	1,492,050	1,522,654	1,553,173
4,140,531	4,208,752	4,276,974	4,345,194	4,413,599	4,481,820
2,812,589	2,867,402	2,922,220	2,977,032	3,031,999	3,086,812
7,686,845	7,834,711	7,982,573	8,130,440	8,278,712	8,426,578
11,301,272	11,602,864	11,904,461	12,206,054	12,508,472	12,810,064
4,755,820	4,837,659	4,919,499	5,001,342	5,083,404	5,165,243
6,324,098	6,436,103	6,548,108	6,660,110	6,772,424	6,884,429
5,539,177	5,644,931	5,750,685	5,856,441	5,962,484	6,068,238
3,743,895	3,821,721	3,899,553	3,977,372	4,055,416	4,133,242
3,152,009	3,226,112	3,300,211	3,374,312	3,448,619	3,522,722
4,441,739	4,544,443	4,647,150	4,749,853	4,852,841	4,955,545
5,749,821	5,891,070	6,032,322	6,173,575	6,315,215	6,456,464
2,660,270	2,722,534	2,784,797	2,847,063	2,909,499	2,971,763
2,206,106	2,246,725	2,287,349	2,327,967	2,368,698	2,409,317

Table 1.8 (continued)

2000	2001	2002	2003	2004	2005
76,320,126	77,898,184	79,476,245	81,054,304	82,636,689	84,214,747
9,595,545	9,608,179	9,620,812	9,633,446	9,646,113	9,658,747
9,328,861	9,358,179	9,387,498	9,416,816	9,446,216	9,475,534
8,675,911	8,799,361	8,922,811	9,046,260	9,170,048	9,293,498
7,927,158	8,071,179	8,215,201	8,359,222	8,503,638	8,647,659
7,145,742	7,294,206	7,442,670	7,591,134	7,740,004	7,888,468
6,352,408	6,501,602	6,650,797	6,799,991	6,949,594	7,098,788
5,588,404	5,731,142	5,873,880	6,016,620	6,159,749	6,302,487
4,813,987	4,957,668	5,101,350	5,245,030	5,389,105	5,532,786
4,089,861	4,221,574	4,353,286	4,485,000	4,617,073	4,748,786
3,351,906	3,483,967	3,616,029	3,748,090	3,880,515	4,012,576
2,726,377	2,833,174	2,939,970	3,046,766	3,153,855	3,260,652
2,106,979	2,208,681	2,310,383	2,412,086	2,514,067	2,615,769
1,627,178	1,697,084	1,766,990	1,836,897	1,906,995	1,976,901
1,198,418	1,252,985	1,307,552	1,362,119	1,416,836	1,471,403
834,534	871,918	909,303	946,686	984,173	1,021,557
519,993	546,675	573,356	600,038	626,793	653,475
436,864	460,610	484,357	508,103	531,915	555,661

**Table 1.9**  
**POPULATION PROJECTION BY SEX**  
**1995 to 2005**  
**(Medium Assumption)**

Year	Female	Male	Both Sexes
1995	33,899,896	34,449,556	33,899,896
1996	34,696,576	35,249,629	34,696,576
1997	35,491,076	36,047,517	35,491,076
1998	36,285,581	36,845,404	36,285,581
1999	37,080,081	37,643,292	37,080,081
2000	37,876,761	38,443,365	37,876,761
2001	38,665,180	39,233,004	38,665,180
2002	39,453,594	40,022,651	39,453,594
2003	40,242,015	40,812,289	40,242,015
2004	41,032,589	41,604,100	41,032,589
2005	41,821,008	42,393,739	41,821,008

Note: Details may not add up to totals due to rounding.

Source: Technical Advisory Group and NSO Population Projections Unit.

**Table 1.10**  
**NUMBER OF REGISTERED FILIPINO EMIGRANTS BY COUNTRY OF DESTINATION**  
**1981 to 1997**

Year	Total	USA	Canada	Australia	Japan	United Kingdom	Germany	Italy	Others
1981	48,867	40,307	5,226	2,752	254	88	45	4	191
1982	53,953	44,438	4,898	2,931	310	682	263	8	423
1983	42,481	34,794	3,946	2,608	140	346	282	11	354
1984	41,551	34,682	2,463	2,915	137	364	346	19	625
1985	45,269	38,653	2,097	3,458	126	276	213	10	436
1986	49,338	40,650	3,206	4,374	53	658	88	4	305
1987	56,350	40,813	5,757	8,983	6	436	58	9	288
1988	58,066	41,397	6,608	9,341	62	256	83	32	287
1989	55,703	39,503	8,032	5,922	1,271	248	135	109	483
1990	63,208	43,816	8,409	5,855	3,575	291	334	160	768
1991	62,671	43,981	7,233	5,728	3,954	286	527	131	831
1992	64,172	46,707	7,454	4,104	4,049	205	594	105	954
1993	66,413	44,922	11,633	3,084	4,527	159	780	123	1,185
1994	64,537	40,519	14,303	3,224	4,226	174	784	99	1,208
1995	56,259	34,625	11,292	2,967	4,884	150	661	71	1,609
1996	60,926	41,318	10,051	2,002	4,516	150	542	72	2,275
1997	54,078	37,017	8,216	2,126	4,172	195	566	0	1,786

Notes: For the United States of America:

1. 1981 to 1991 data include Trust Territories of American Samoa, Guam, Marianas Islands, Saipan and the U.S. Virgin Islands;
2. 1992-1996 data include Trust Territories of American Samoa, Guam, Marianas Islands, Saipan, U.S. Virgin Islands and the Commonwealth of Puerto Rico.

Source: Commission on Filipinos Overseas.

**Table 1.11**  
**NUMBER OF REGISTERED FILIPINO EMIGRANTS BY SEX**  
**1981 to 1997**

Year	Total	Female	Male
1981	28,517	28,517	20,350
1982	32,201	32,201	21,752
1983	24,665	24,665	17,816
1984	24,581	24,581	16,970
1985	26,860	26,860	18,409
1986	28,930	28,930	20,408
1987	32,429	32,429	23,921
1988	58,066	33,424	24,642
1989	55,703	32,914	22,789
1990	63,208	37,784	25,424
1991	62,671	37,863	24,808
1992	64,172	39,035	25,137
1993	66,413	40,165	26,248
1994	64,537	38,353	26,184
1995	56,259	33,700	22,559
1996	60,926	36,477	24,449
1997	54,078	33,136	20,942

Source: Commission on Filipinos Overseas.

**Table 1.12**  
**NUMBER OF REGISTERED FILIPINO EMIGRANTS BY AGE**  
**1981 to 1997**

Year	Total	14-Below	15-24	25-34	35-44	45-54	55-64	65-Above	No response
1981	48,867	9,588	10,558	9,967	4,244	3,685	6,023	4,802	0
1982	53,953	9,100	10,606	12,000	6,248	4,547	6,208	5,244	0
1983	42,481	8,433	9,662	8,982	4,087	3,116	4,825	3,376	0
1984	41,551	8,199	9,394	9,304	4,398	3,187	4,116	2,953	0
1985	45,269	9,154	10,018	9,753	4,510	3,413	4,802	3,619	0
1986	49,338	10,524	11,032	10,645	5,034	3,430	4,915	3,758	0
1987	56,350	12,407	11,674	13,305	6,403	3,685	4,990	3,886	0
1988	58,066	12,579	11,538	13,259	7,852	3,980	4,704	4,102	52
1989	55,703	11,696	11,079	13,779	7,524	3,907	4,100	3,606	12
1990	63,208	11,515	13,016	16,584	8,130	4,259	5,157	4,539	8
1991	62,671	11,234	13,794	15,676	7,488	4,403	5,411	4,665	0
1992	64,172	12,223	15,178	15,377	7,965	4,371	5,035	4,023	0
1993	66,413	12,534	14,521	15,500	8,522	4,830	5,731	4,775	0
1994	64,537	11,930	13,441	15,418	8,271	4,794	6,005	4,678	0
1995	56,259	10,681	11,748	14,566	7,057	4,251	4,646	3,210	100
1996	60,926	11,635	13,423	13,482	7,503	5,435	5,604	3,844	0
1997	54,078	10,104	11,653	11,779	6,253	5,348	5,554	3,387	0

Source: Commission on Filipinos Overseas.

**Table 1.13**  
**NUMBER OF OCCUPIED DWELLING UNITS BY TYPE OF BUILDING AND BY REGION**  
**1990**

Region	Occupied Housing Units	Single House	Duplex	Multi-unit Residential	Commercial, Industrial, Agricultural	Institutional Living Quarters	Other Housing Unit	Not Reported
Philippines	11,018,208	9,991,162	332,040	643,806	36,781	2,517	8,932	2,970
National Capital Region	1,435,365	878,416	127,042	411,531	10,382	452	5,326	2,216
CAR Cordillera	212,803	185,709	6,877	19,435	591	84	99	8
1 Ilocos Region	637,348	625,363	6,869	3,462	1,411	77	145	21
2 Cagayan Valley	434,812	425,400	5,006	3,107	1,097	79	110	13
3 Central Luzon	1,130,544	1,030,514	37,378	57,732	3,840	376	590	114
4 Southern Tagalog	1,544,986	1,427,903	53,408	58,778	3,397	233	966	301
5 Bicol Region	700,449	684,512	7,632	6,110	1,968	101	113	13
6 Western Visayas	962,725	939,049	13,418	7,069	2,673	211	198	107
7 Central Visayas	861,222	825,659	15,082	18,243	1,803	137	248	50
8 Eastern Visayas	578,266	566,648	6,786	3,448	1,144	124	107	9
9 Western Mindanao	558,778	540,335	9,260	7,681	1,086	164	223	29
10 Northern Mindanao	624,941	597,358	12,880	12,113	2,184	166	205	35
11 Southern Mindanao	805,623	755,338	20,023	25,934	3,580	192	514	42
12 Central Mindanao	530,346	508,958	10,379	9,163	1,625	121	88	12

Source: National Statistics Office.

**Table 1.14**  
**NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS BY TYPE OF OCCUPANCY**  
**AND BY REGION**  
**1990**

Region	Total Number of Households	Owned/Being Amortized	Rented	Being Occupied for Free with Consent of Owner	Being Occupied for Free without Consent of Owner
Philippines	11,407,262	9,466,809	907,051	1,003,292	30,110
National Capital Region	1,569,588	964,658	468,717	125,292	10,921
Cordillera Administrative Region	219,349	186,106	12,879	20,162	202
1 Ilocos Region	659,403	599,502	13,660	45,927	314
2 Cagayan Valley	446,839	413,092	8,014	25,356	377
3 Central Luzon	1,163,205	1,000,510	81,061	80,095	1,539
4 Southern Tagalog	1,583,682	1,315,972	100,527	163,490	3,693
5 Bicol Region	708,802	621,900	22,907	62,746	1,249
6 Western Visayas	985,274	847,860	26,840	108,807	1,767
7 Central Visayas	873,843	796,129	33,355	43,771	588
8 Eastern Visayas	584,964	520,879	15,781	47,574	730
9 Western Mindanao	577,837	509,180	13,972	52,451	2,234
10 Northern Mindanao	639,108	544,468	31,743	61,810	1,087
11 Southern Mindanao	823,316	680,742	56,432	83,522	2,620
12 Central Mindanao	572,052	465,811	21,163	82,289	2,789

Source: National Statistics Office.

**Table 1.15**  
**NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS**  
**BY MAIN SOURCE OF DRINKING WATER BY REGION**  
**1990**

Region	Total Number of Households	Main Source of Drinking Water							
		Own Use, Faucet, Community Water System	Shared, Faucet, Community Water System	Own Use, Tubed/ Piped, Deep Well	Shared, Tubed/ Piped, Deep Well	Tubed/ Piped Shallow Well	Dug Well	Spring, Lake, River Rain, Etc.	Peddler
Philippines	11,407,262	2,572,360	2,169,743	967,399	1,696,143	920,165	1,566,243	1,313,963	201,246
National Capital Region	1,569,588	855,939	433,929	69,328	116,601	8,518	12,781	1,639	70,853
Cordillera Administrative Region	219,349	62,139	60,610	8,428	18,108	7,776	20,922	40,004	1,362
1 Ilocos Region	659,403	99,383	76,718	123,637	146,395	120,578	76,842	14,484	1,366
2 Cagayan Valley	446,839	39,925	35,259	65,100	106,987	77,472	93,329	27,558	1,209
3 Central Luzon	1,163,205	277,443	174,592	221,773	244,227	184,760	29,402	16,283	14,725
4 Southern Tagalog	1,583,682	417,274	323,609	155,537	263,946	118,179	164,342	119,902	20,893
5 Bicol Region	708,802	111,328	136,581	54,460	81,396	59,096	152,499	100,128	13,314
6 Western Visayas	985,274	105,076	122,362	70,463	167,291	81,806	297,339	122,093	18,844
7 Central Visayas	873,843	122,574	189,361	36,947	146,450	40,240	163,936	150,597	23,738
8 Eastern Visayas	584,964	79,413	162,592	23,868	78,800	36,270	111,542	87,733	4,746
9 Western Mindanao	577,837	72,556	92,410	17,525	39,350	23,871	182,906	132,969	16,250
10 Northern Mindanao	639,108	125,543	155,654	21,070	79,893	28,669	74,460	150,064	3,755
11 Southern Mindanao	823,316	138,197	135,472	62,165	139,347	72,040	71,116	199,324	5,655
12 Central Mindanao	572,052	65,570	70,594	37,098	67,352	60,890	114,827	151,185	4,536

Source: National Statistics Office.

**Table 1.16**  
**NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS**  
**BY KIND OF TOILET FACILITY BEING USED BY REGION**  
**1990**

Region	Total Number of Households	Kind of Toilet Facility							
		Water-sealed, Sewer/Septic Tank, Used Exclusively by the Households	Water-sealed, Sewer/Septic Tank Shared with Other Households	Water-sealed, Other Depository, Used Exclu- sively by the Households	Water-sealed, Other Depository, Shared with Other Households	Closed Pit	Open Pit	Others (Pail System, etc.)	None
Philippines	11,407,262	3,916,682	942,430	1,235,009	533,514	1,082,760	1,639,078	227,671	1,830,118
National Capital Region	1,569,588	1,008,554	278,592	77,471	61,933	30,054	23,404	30,933	58,647
Cordillera Adm. Region	219,349	51,250	19,562	12,191	7,139	32,451	76,719	3,211	16,826
1 Ilocos Region	659,403	232,388	51,596	155,758	64,573	60,006	67,425	4,534	23,123
2 Cagayan Valley	446,839	118,745	33,217	106,935	53,853	38,666	70,834	1,805	22,784
3 Central Luzon	1,163,205	462,623	111,535	164,542	75,763	116,152	90,367	27,259	114,964
4 Southern Tagalog	1,583,682	574,356	123,991	139,445	62,570	140,827	212,340	29,941	300,212
5 Bicol Region	708,802	180,367	34,991	77,371	25,604	72,122	115,209	22,149	180,989
6 Western Visayas	985,274	213,065	34,756	84,417	26,823	154,928	255,476	19,868	195,941
7 Central Visayas	873,843	244,833	57,783	88,874	31,664	68,549	96,202	12,340	273,598
8 Eastern Visayas	584,964	172,372	32,456	61,138	15,712	20,928	54,604	15,154	212,600
9 Western Mindanao	577,837	106,286	23,862	54,931	16,904	61,392	140,211	24,682	149,569
10 Northern Mindanao	639,108	208,093	42,896	70,305	23,724	86,321	100,534	7,428	99,807
11 Southern Mindanao	823,316	246,115	70,079	92,566	44,617	116,548	152,703	11,047	89,641
12 Central Mindanao	572,052	97,635	27,114	49,065	22,635	83,816	183,050	17,320	91,417

Source: National Statistics Office.

**Table 1.17**  
**NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS**  
**BY KIND OF FUEL USED FOR LIGHTING AND BY REGION**  
**1990**

Region	Total Number of Households	Fuel Used for Lighting				
		Electricity	Kerosene (Gaas)	Liquefied Petroleum Gas (LPG)	Oil	Others
Philippines	11,407,262	6,280,370	4,864,358	191,617	14,263	56,654
National Capital Region	1,569,588	1,443,216	101,536	21,805	874	2,157
Cordillera Administrative Region	219,349	99,989	107,831	3,764	279	7,486
1 Ilocos Region	659,403	429,140	218,421	8,890	602	2,350
2 Cagayan Valley	446,839	204,173	232,483	5,351	659	4,173
3 Central Luzon	1,163,205	917,304	232,572	9,328	837	3,164
4 Southern Tagalog	1,583,682	991,114	563,848	19,682	2,077	6,961
5 Bicol Region	708,802	266,274	429,802	9,622	584	2,520
6 Western Visayas	985,274	381,378	588,690	10,904	1,037	3,265
7 Central Visayas	873,843	371,584	481,782	14,429	1,044	5,004
8 Eastern Visayas	584,964	162,673	395,129	23,202	946	3,014
9 Western Mindanao	577,837	163,307	384,619	23,188	2,116	4,607
10 Northern Mindanao	639,108	287,702	337,112	10,028	506	3,760
11 Southern Mindanao	823,316	373,190	427,360	17,805	753	4,208
12 Central Mindanao	572,052	189,326	363,173	13,619	1,949	3,985

Source: National Statistics Office.

**Table 1.18**  
**HUMAN DEVELOPMENT INDEX BY PROVINCE**  
**1990 and 1994**

Region and province	1990	1994	Region and province	1990	1994
Philippines	0.665	0.660	6 Western Visayas		
CAR			Aklan	0.549	0.605
Abra	0.457	0.560	Antique	0.483	0.521
Benguet	0.671	0.672	Capiz	0.451	0.525
Ifugao	0.405	0.409	Iloilo	0.562	0.607
Kalinga Apayao	0.522	0.555	Negros Occidental	0.547	0.577
Mountain Province	0.506	0.541	7 Central Visayas		
1 Ilocos Region			Bohol	0.505	0.543
Ilocos Norte	0.652	0.649	Cebu	0.550	0.584
Ilocos Sur	0.622	0.657	Negros Oriental	0.501	0.544
La Union	0.668	0.650	Siquijor	0.474	0.539
Pangasinan	0.585	0.629	8 Eastern Visayas		
2 Cagayan Valley			Eastern Samar	0.753	0.580
Batanes	0.755	0.798	Leyte	0.519	0.571
Cagayan	0.592	0.657	Northern Samar	0.462	0.473
Isabela	0.571	0.653	Samar	0.398	0.487
Nueva Vizcaya	0.566	0.637	Southern Leyte	0.513	0.592
Quirino	0.510	0.557	9 Western Mindanao		
3 Central Luzon	0.748	0.730	Basilan	0.345	0.427
Bataan	0.790	0.763	Lanao del Norte	0.464	0.500
Bulacan	0.628	0.657	Misamis Occidental	0.524	0.593
Nueva Ecija	0.721	0.731	Zamboanga del Norte	0.440	0.502
Pampanga	0.598	0.613	Zamboanga del Sur	0.502	0.543
Tarlac	0.674	0.647	10 Northern Mindanao		
Zambales			Bukidnon	0.518	0.560
4 Southern Tagalog			Camiguin	0.503	0.530
Aurora	0.590	0.600	Misamis Oriental	0.525	0.595
Batangas	0.663	0.716	11 Southern Mindanao		
Cavite	0.723	0.840	Davao	0.554	0.613
Laguna	0.732	0.774	Davao del Sur	0.532	0.518
Marinduque	0.660	0.658	Davao Oriental	0.506	0.526
Occidental Mindoro	0.569	0.651	12 Central Mindanao		
Oriental Mindoro	0.580	0.651	North Cotabato	0.464	0.500
Palawan	0.550	0.545	Sultan Kudarat	0.533	0.563
Quezon	0.567	0.627	South Cotabato	0.548	0.586
Rizal	0.823	0.813	13 Caraga		
Romblon	0.476	0.511	Agusan del Norte	0.502	0.559
5 Bicol Region			Agusan del Sur	0.497	0.486
Albay	0.546	0.612	Surigao del Norte	0.547	0.568
Camarines Norte	0.522	0.587	Surigao del Sur	0.529	0.607
Camarines Sur	0.545	0.618	ARMM		
Catanduanes	0.510	0.591	Lanao del Sur	0.434	0.445
Masbate	0.434	0.488	Maguindanao	0.429	0.447
Sorsogon	0.469	0.544	Sulu	0.320	0.372
			Tawi-Tawi	0.360	0.384

Source: Human Development Network.



## 2 INCOME AND PRICES

Statistics on income and expenditure provide information on the economic welfare of the population. They supply planners with vital information for evaluating economic development and formulating welfare-oriented policies. In addition to giving information on the well-being of the population, they are also useful indicators in the analysis of purchasing power of households, distribution of demands for goods and services, sources of finance of capital formation, the impact of taxes and inflation and other related subjects.

All income and expenditure data presented in this chapter come from the Family Income and Expenditures Survey (FIES) of the National Statistics Office (NSO). The FIES data are available for the years 1961, 1965, 1971, 1985, 1988, 1991, 1994 and 1997.

The FIES defines a family as a group of persons living together and composed of the head and other persons related to the head by blood. Likewise, a single person living alone is considered a distinct family.

Total family income consists of cash and non-cash income which accrue to all family members during the specified period. It includes primary income and receipts from other sources.

On the other hand, family expenditures refer to the expenses or disbursements made by the family purely for personal consumption. Exclude all expenses related to farm or business operations, investment ventures, purchase of real property and other disbursements which do not involve personal consumption.

With poverty alleviation being one of the country's major goals, poverty statistics serve as important input in assessing the poverty situation. The chapter includes data on poverty threshold, magnitude of the poor and poverty incidence at the regional level. Poverty threshold refers to the minimum income required or the expenditure necessary to satisfy the basic nutritional requirements and other basic needs. Magnitude of the poor refers to the number of families or the population whose income fall below the poverty threshold. Poverty incidence refers to the proportion of families/population falling below the food threshold to the total families/population. Statistics on poverty are computed by the National Statistical Coordination Board (NSCB) Technical Staff based on the methodology formulated by the NSCB Technical Working Group (TWG) on Income Statistics, under the Inter-Agency Committee on Labour, Income and Productivity Statistics.

Price statistics are also presented in this chapter. The data include the consumer price indices (CPI), retail price indices (RPI), wholesale price indices (WPI), and producer's price indices (PPI) for agriculture and manufacturing.

The CPI provides a measure of the average changes in the prices of a fixed basket of goods and services usually purchased by households for their consumption. The price data needed for the index are gathered through the monthly survey of retail prices of commodities conducted nationwide. Presently, the CPI is based on 1994 prices. Previous series of the index had the following base periods: 1941, 1961, 1966, 1972, 1978, and 1988. The weights of the index which follow the base year were taken from the results of the FIES,

specifically the expenditures on various consumer items as a proportion to total expenditure. The CPI is available at the provincial, regional and national levels.

The RPI measures the changes of the prices at which retailers dispose of their goods to consumers and end-users. The index is for Metro Manila only and is based on the 1978 prices. The RPI market basket contains the same food and non-food commodities included in the CPI, and with an expanded list for construction materials but excluding light, water, rentals, wages and other services items. The price data used in the RPI are the same as in CPI, and for the items not included in the CPI, a separate price survey is conducted every month in Metro Manila. The weights utilized for the RPI were computed based on the value of expenditures for goods and services of consumers for the retail sector as obtained from the 1974 Input-Output Table. These were then updated to 1978 levels through relative price movements.

The WPI, on the other hand, measures the changes in the price level of commodities that flow into the wholesale trade intermediaries. These commodities are transacted in bulk for further resale or processing. At present, the WPI is for Metro Manila only and is based on 1978 prices. The price data of the commodities included in the WPI market basket are gathered through a monthly survey of wholesale prices conducted in Metro Manila. The weights were based on the value of sales of commodities traded in the wholesale market in 1978 as derived from the 1974 Input-Output Table.

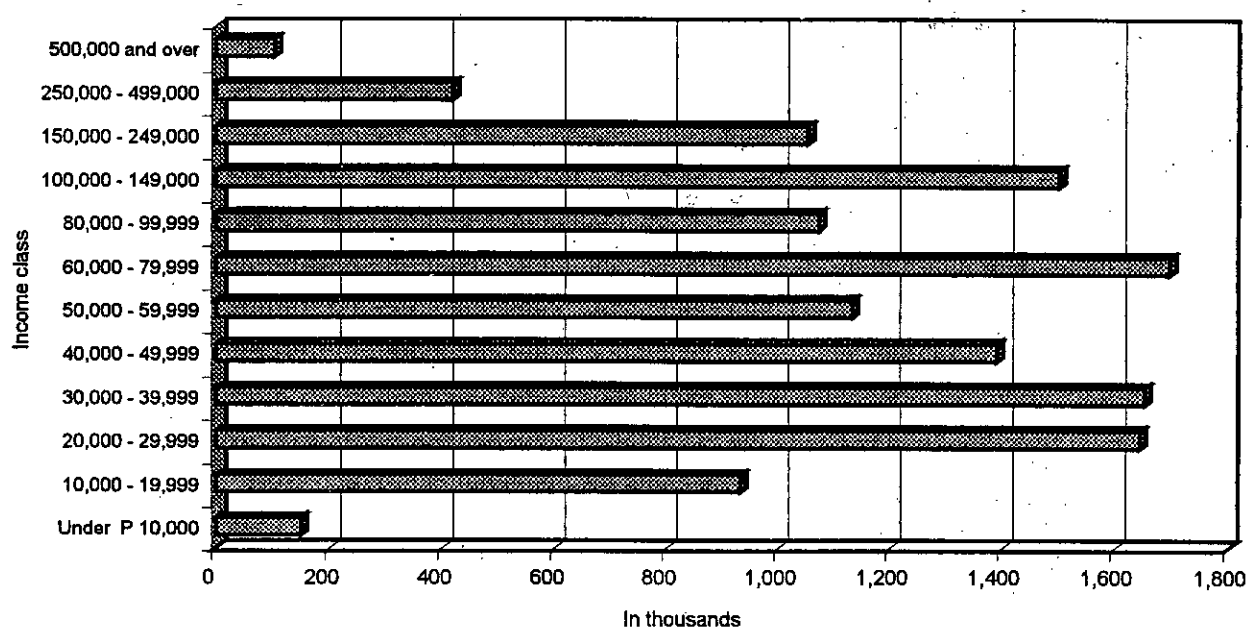
The other type of price index included in this chapter is the PPI both for agriculture and manufacturing. For the PPI for agriculture, the producer's prices of agricultural commodities are collected every month from farmers through the Farm Prices Survey. The index is based on 1988 prices and the weights used in the computation of the index were based on volume of agricultural production. For the PPI for manufacturing, on the other hand, the producer's prices of manufactured goods are gathered every month from manufacturing establishments through the Producer's Price Survey in Manufacturing. The index is 1992-based and the weights were computed using the value of products sold from the Annual Survey of Establishments.

The Bureau of Agricultural Statistics (BAS) is responsible for the collection of retail, wholesale and producer's prices of agricultural commodities while the NSO takes charge of gathering the prices of the other commodities that enter into the computation of the different price indices. The NSO processes and releases the CPI, RPI, WPI and PPI for manufacturing while the BAS processes and releases the PPI for agriculture.

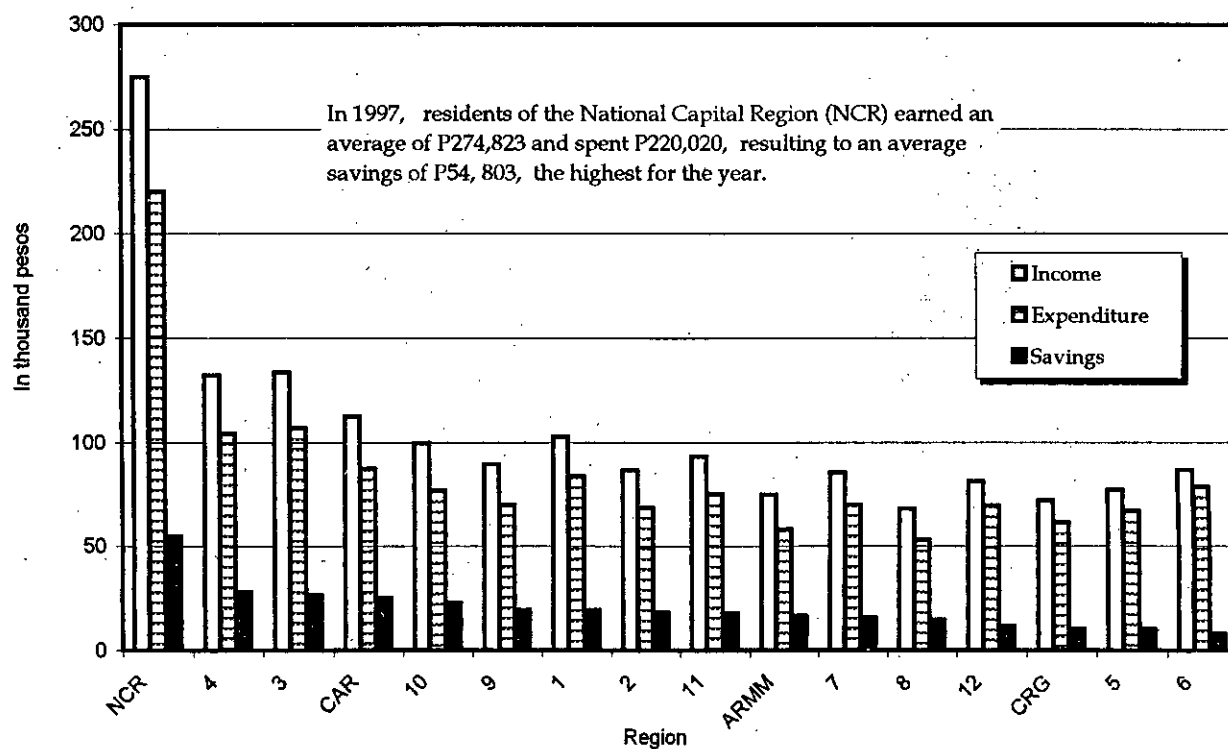
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**Figure 2.1 TOTAL NUMBER OF FAMILIES BY INCOME CLASS, PHILIPPINES: 1994**



**Figure 2.2 AVERAGE INCOME, EXPENDITURE AND SAVINGS BY REGION: 1997**



**Table 2.1**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY**  
**INCOME AND EXPENDITURE BY INCOME CLASS, PHILIPPINES**  
**1988, 1991, 1994, and 1997**

Income class	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
1988	10,533,927	425,650,952	40,408	342,578,100	32,521
Under P 6,000	179,240	829,053	4,625	995,171	5,552
6,000 - 9,999	632,703	5,222,207	8,254	5,709,941	9,025
10,000 - 14,999	1,418,339	17,927,850	12,640	18,110,448	12,769
15,000 - 19,999	1,412,363	24,669,138	17,467	23,586,164	16,700
20,000 - 29,999	2,265,258	55,791,355	24,629	50,574,402	22,326
30,000 - 39,999	1,382,995	47,982,279	34,694	41,778,499	30,209
40,000 - 59,999	1,476,584	71,981,724	48,749	59,955,076	40,604
60,000 - 99,999	1,109,936	83,672,148	75,385	65,810,910	59,293
100,000 and over	656,509	117,575,197	179,092	76,057,489	115,851
Median (pesos)	-	26,694	-	23,431	-
1991 <sup>a</sup>	119,754	780,632,471	65,186	622,616,202	51,991
Under P 10,000	3,064	2,324,801	7,586	2,897,784	9,456
10,000 - 19,999	16,475	25,692,033	15,594	26,539,325	16,108
20,000 - 29,999	21,456	53,372,670	24,876	50,947,743	23,746
30,000 - 39,999	17,317	60,144,821	34,731	53,785,473	31,059
40,000 - 49,999	12,509	55,946,659	44,725	48,876,730	39,073
50,000 - 59,999	9,787	53,557,485	54,723	45,552,468	46,544
60,000 - 79,999	12,344	85,201,727	69,024	72,077,408	58,392
80,000 - 99,999	7,724	68,990,981	89,315	56,552,279	73,212
100,000 - 149,000	10,170	123,082,004	121,024	96,519,219	94,905
150,000 - 249,000	5,934	111,562,335	187,990	84,141,484	141,784
250,000 - 499,000	2,373	77,253,868	325,592	56,441,785	237,878
500,000 and over	600	63,503,086	1,058,304	28,284,506	471,372

Table 2.1 (continued)

Income Class	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
1994	12,754,944	1,060,709,953	83,161	863,008,317	67,661
Under P 10,000	149,537	1,155,527	7,727	1,294,445	8,656
10,000 - 19,999	933,267	14,784,833	15,842	15,673,938	16,795
20,000 - 29,999	1,644,422	41,398,132	25,175	40,593,292	24,685
30,000 - 39,999	1,652,896	57,711,595	34,915	54,299,877	32,851
40,000 - 49,999	1,391,055	62,339,730	44,815	56,827,800	40,852
50,000 - 59,999	1,133,426	62,142,757	54,827	54,948,642	48,480
60,000 - 79,999	1,698,025	117,570,078	69,239	101,905,106	60,014
80,000 - 99,999	1,074,314	96,063,236	89,418	82,040,837	76,366
100,000 - 149,000	1,501,550	183,074,676	121,924	148,289,246	98,757
150,000 - 249,000	1,054,063	198,130,574	187,960	152,520,907	144,698
250,000 - 499,000	419,355	137,142,053	327,031	101,176,406	241,267
500,000 and over	103,035	89,196,762	865,696	53,437,820	518,639
1997 <sup>a</sup>	14,192,500	1,758,180,013	123,881	1,421,998,877	100,194

a - Figures for 1991 on Total number of families are expressed in hundreds ('00).

Notes: 1. 1997 results are still preliminary; breakdown not yet available.

2. Final results of the 1988 Family Income and Expenditures Survey (FIES) exclude data for Rizal province as fire destroyed the accomplished questionnaires of the province.

3. Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 2.2

**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY INCOME  
AND EXPENDITURE BY INCOME CLASS, URBAN AND RURAL  
1988, 1991, 1994, and 1997**

Income class	1988				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	3,985,145	240,422,237	60,330	188,493,475	47,299
Under P 6,000	21,428	93,779	4,376	139,920	6,530
6,000 - 9,999	73,118	605,689	8,284	700,948	9,586
10,000 - 14,999	195,255	2,492,045	12,763	2,523,904	12,926
15,000 - 19,999	303,804	5,306,175	17,466	5,204,427	17,131
20,000 - 29,999	717,648	17,890,344	24,929	16,901,744	23,552
30,000 - 39,999	596,910	20,811,474	34,865	18,805,316	31,504
40,000 - 59,999	802,197	39,435,251	49,159	34,163,126	42,587
60,000 - 99,999	752,794	57,237,070	76,033	46,152,701	61,309
100,000 and over	521,990	96,550,411	184,966	63,901,389	122,419
RURAL					
Total	6,548,782	185,228,715	28,284	154,084,625	23,529
Under P 6,000	157,812	735,274	4,659	855,251	5,419
6,000 - 9,999	559,584	4,616,518	8,250	5,008,993	8,951
10,000 - 14,999	1,223,084	15,435,805	12,620	15,586,544	12,744
15,000 - 19,999	1,108,559	19,362,963	17,467	18,381,737	16,582
20,000 - 29,999	1,547,610	37,901,011	24,490	33,672,658	21,758
30,000 - 39,999	786,085	27,170,806	34,565	22,973,183	29,225
40,000 - 59,999	674,387	32,546,473	48,261	25,791,950	38,245
60,000 - 99,999	357,142	26,435,079	74,018	19,658,209	55,043
100,000 and over	134,519	21,024,786	156,296	12,156,100	90,367



Table 2.2 (continued)

Income class	1991				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	59,385	531,919,567	89,571	418,971,428	70,551
Under P 10,000	845	625,877	7,403	852,786	10,086
10,000 - 19,999	4,020	6,332,940	15,753	6,729,394	16,740
20,000 - 29,999	6,434	16,195,551	25,172	15,824,940	24,596
30,000 - 39,999	6,891	24,126,630	35,010	22,294,314	32,351
40,000 - 49,999	6,171	27,703,508	44,891	25,162,603	40,774
50,000 - 59,999	5,697	31,250,558	54,851	27,888,251	48,950
60,000 - 79,999	8,238	57,098,235	69,314	49,973,305	60,665
80,000 - 99,999	5,495	49,280,885	89,689	41,689,725	75,873
100,000 - 149,000	7,915	96,203,691	121,540	77,143,370	97,460
150,000 - 249,000	5,046	94,934,472	188,147	72,820,235	144,319
250,000 - 499,000	2,070	67,881,568	327,935	51,371,544	248,175
500,000 and over	563	60,285,652	1,071,488	27,220,961	483,812
RURAL					
Total	60,369	248,712,904	41,199	203,644,774	33,733
Under P 10,000	2,219	1,698,924	7,656	2,044,998	9,216
10,000 - 19,999	12,455	19,359,093	15,543	19,809,931	15,905
20,000 - 29,999	15,022	37,177,119	24,749	35,122,803	23,382
30,000 - 39,999	10,426	36,018,191	34,546	31,491,159	30,204
40,000 - 49,999	6,338	28,243,152	44,563	23,714,128	37,417
50,000 - 59,999	4,090	22,306,927	54,545	17,664,217	43,192
60,000 - 79,999	4,106	28,103,492	68,441	22,104,103	53,830
80,000 - 99,999	2,230	19,710,095	88,393	14,862,554	66,654
100,000 - 149,000	2,255	26,878,313	119,212	19,375,849	85,936
150,000 - 249,000	889	16,627,863	187,102	11,321,248	127,390
250,000 - 499,000	303	9,372,300	309,576	5,070,241	167,475
500,000 and over	37	3,217,434	860,024	1,063,544	284,287

**Table 2.2 (continued)**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY INCOME**  
**AND EXPENDITURE BY INCOME CLASS, URBAN AND RURAL**  
**1988, 1991, 1994, and 1997**

Income class	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)

**1994 URBAN**

Total	6,347,291	718,010,189	113,121	578,333,617	91,115
Under P 10,000	29,059	226,599	7,798	239,912	8,256
10,000 - 19,999	200,872	3,193,471	15,898	3,633,513	18,089
20,000 - 29,999	424,394	10,767,625	25,372	10,700,807	25,214
30,000 - 39,999	527,659	18,518,463	35,095	17,771,314	33,680
40,000 - 49,999	548,381	24,691,553	45,026	23,165,149	42,243
50,000 - 59,999	525,725	28,906,188	54,983	26,608,999	50,614
60,000 - 79,999	954,498	66,512,078	69,683	59,243,844	62,068
80,000 - 99,999	718,059	64,270,473	89,506	56,381,847	78,520
100,000 - 149,000	1,108,894	136,027,184	122,669	113,280,151	102,156
150,000 - 249,000	845,362	159,579,206	188,770	125,564,961	148,534
250,000 - 499,000	366,207	119,689,609	326,836	90,121,979	246,096
500,000 and over	98,181	85,627,741	872,142	51,621,141	525,775

**1994 RURAL**

Total	6,407,653	342,699,764	53,483	284,674,699	44,427
Under P 10,000	120,478	928,928	7,710	1,054,533	8,753
10,000 - 19,999	732,395	11,591,362	15,827	12,040,425	16,440
20,000 - 29,999	1,220,028	30,630,507	25,106	29,892,485	24,501
30,000 - 39,999	1,125,236	39,193,133	34,831	36,528,563	32,463
40,000 - 49,999	842,674	37,648,176	44,677	33,662,651	39,947
50,000 - 59,999	607,701	33,236,570	54,692	28,339,643	46,634
60,000 - 79,999	743,527	51,058,001	68,670	42,661,262	57,377
80,000 - 99,999	356,256	31,792,762	89,241	25,658,990	72,024
100,000 - 149,000	392,655	47,047,493	119,819	35,009,095	89,160
150,000 - 249,000	208,702	38,551,368	184,720	26,955,946	129,160
250,000 - 499,000	53,148	17,452,444	328,374	11,054,428	207,993
500,000 and over	4,854	3,569,021	735,320	1,816,679	374,287

**1997<sup>P</sup> URBAN**

Total	6,750,600	1,212,008,110	179,540	959,364,745	142,115
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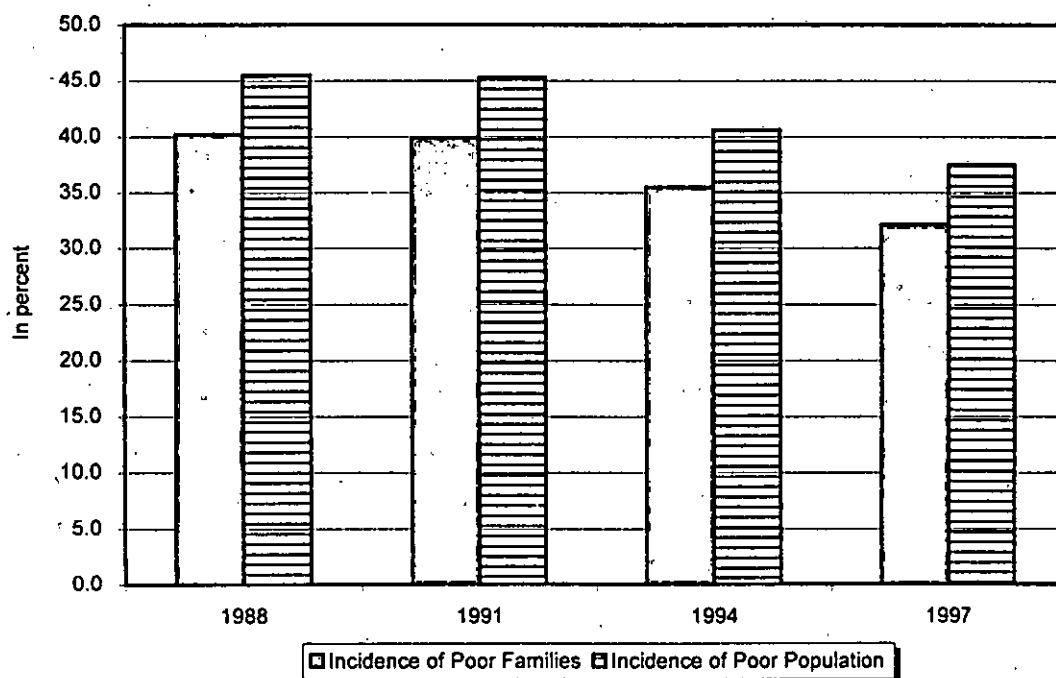
**1997<sup>P</sup> RURAL**

Total	7,441,800	546,171,902	73,392	462,634,133	62,167
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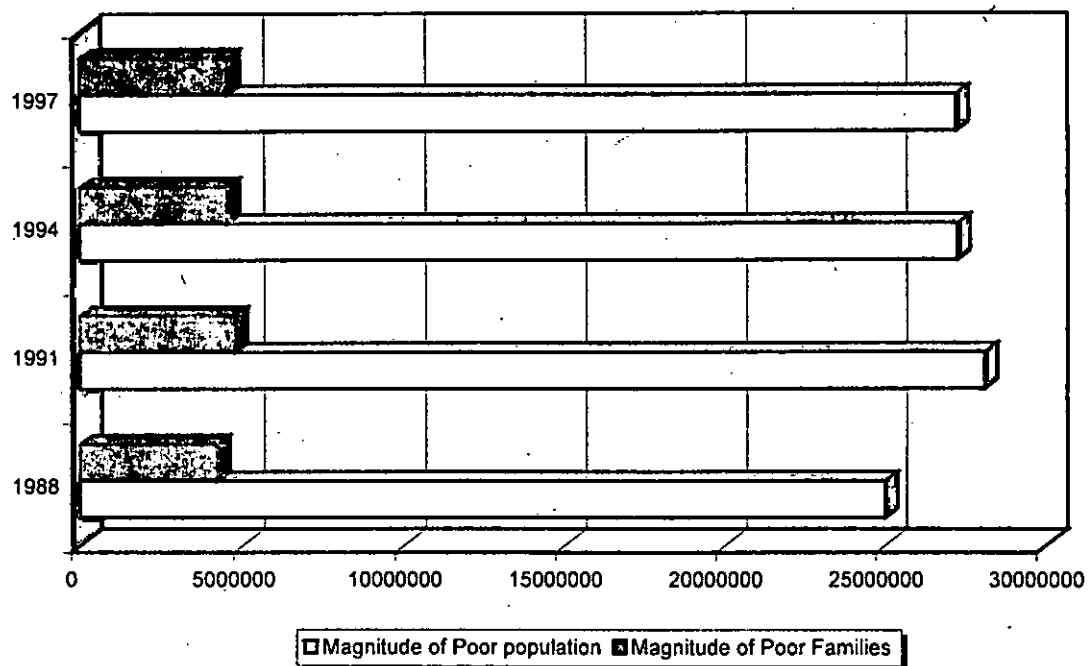
- Notes: 1. 1997 results are still preliminary; breakdown not yet available.  
2. Final results of the 1988 Family Income and Expenditures Survey (FIES) exclude data for Rizal province as fire destroyed the accomplished questionnaires of this province.  
3. Details may not add up to totals due to rounding.

Source: National Statistics Office.

**Figure 2.3 INCIDENCE OF POOR FAMILIES AND INCIDENCE OF POOR POPULATION, PHILIPPINES: 1988, 1991, 1994 and 1997**



**Figure 2.4 MAGNITUDE OF POOR POPULATION AND MAGNITUDE OF POOR FAMILIES, PHILIPPINES: 1988, 1991, 1994 and 1997**



**Table 2.3**  
**NUMBER OF FAMILIES, AVERAGE ANNUAL INCOME AND EXPENDITURE BY REGION**  
**1988, 1991, 1994, and 1997**

Region	Total number of families	Average Income	Average Expenditure	Savings
1988	10,533,927	40,408	32,521	7,887
NCR Metro Manila	1,435,436	79,314	60,355	18,959
CAR Cordillera Administrative Region	213,592	33,838	28,722	5,116
1 Ilocos Region	624,707	34,031	27,670	6,361
2 Cagayan Valley	437,907	32,939	24,582	8,357
3 Central Luzon	1,038,222	46,855	38,660	8,195
4 Southern Tagalog	1,284,464	37,978	32,058	5,920
5 Bicol Region	737,972	26,570	23,253	3,317
6 Western Visayas	956,611	31,164	27,162	4,002
7 Central Visayas	829,546	27,972	22,157	5,815
8 Eastern Visayas	598,521	25,345	20,533	4,812
9 Western Mindanao	539,252	31,984	24,624	7,360
10 Northern Mindanao	606,783	35,801	28,865	6,936
11 Southern Mindanao	737,782	37,132	30,061	7,071
12 Central Mindanao	493,131	35,090	27,696	7,394
1991	11,975,441	65,186	51,991	13,195
NCR Metro Manila	1,644,390	138,256	105,731	32,525
CAR Cordillera Administrative Region	227,719	58,985	43,816	15,169
1 Ilocos Region	671,526	56,678	45,016	11,662
2 Cagayan Valley	489,375	50,850	39,991	10,859
3 Central Luzon	1,194,940	76,203	61,904	14,299
4 Southern Tagalog	1,615,856	68,960	54,818	14,142
5 Bicol Region	823,709	39,823	33,911	5,912
6 Western Visayas	1,069,712	47,723	42,670	5,053
7 Central Visayas	904,437	45,255	35,480	9,775
8 Eastern Visayas	661,344	38,475	31,760	6,715
9 Western Mindanao	478,750	42,622	32,605	10,017
10 Northern Mindanao	685,493	45,179	37,641	7,538
11 Southern Mindanao	830,030	51,722	41,011	10,711
12 Central Mindanao	367,323	44,398	37,165	7,233
ARMM Autonomous Region for Muslim Mindanao	310,837	43,677	34,260	9,417

Table 2.3 (continued)

Region	Total number of families	Average Income	Average Expenditure	Savings
1994	12,754,944	83,161	67,661	15,500
NCR Metro Manila	1,765,644	173,599	138,427	35,172
CAR Cordillera Administrative Region	241,204	74,669	60,317	14,352
1 Ilocos Region	706,263	66,125	54,175	11,950
2 Cagayan Valley	523,098	68,851	53,251	15,600
3 Central Luzon	1,274,646	94,092	75,427	18,665
4 Southern Tagalog	1,731,396	87,627	71,085	16,542
5 Bicol Region	877,895	54,167	46,343	7,824
6 Western Visayas	1,133,399	64,078	57,868	6,210
7 Central Visayas	952,353	57,579	46,883	10,696
8 Eastern Visayas	693,679	49,912	37,522	12,390
9 Western Mindanao	508,768	50,784	43,486	7,298
10 Northern Mindanao	734,195	57,831	46,363	11,468
11 Southern Mindanao	887,145	70,711	59,542	11,169
12 Central Mindanao	395,243	61,282	50,527	10,755
ARMM Autonomous Region for Muslim Mindanao	330,016	51,304	38,802	12,502
1997 <sup>P</sup>	141,925 <sup>a</sup>	123,881	100,194	23,687
NCR Metro Manila	19,920 <sup>a</sup>	274,823	220,020	54,803
CAR Cordillera Administrative Region	2,590 <sup>a</sup>	112,595	87,254	25,341
1 Ilocos Region	7,779 <sup>a</sup>	102,741	83,472	19,269
2 Cagayan Valley	5,871 <sup>a</sup>	86,818	68,628	18,190
3 Central Luzon	14,360 <sup>a</sup>	133,831	107,104	26,727
4 Southern Tagalog	19,382 <sup>a</sup>	132,212	104,204	28,008
5 Bicol Region	9,689 <sup>a</sup>	77,098	66,967	10,131
6 Western Visayas	12,500 <sup>a</sup>	86,733	78,706	8,027
7 Central Visayas	10,462 <sup>a</sup>	85,500	69,866	15,634
8 Eastern Visayas	7,514 <sup>a</sup>	68,018	53,225	14,793
9 Western Mindanao	5,568 <sup>a</sup>	89,370	69,896	19,474
10 Northern Mindanao	5,281 <sup>a</sup>	99,473	76,767	22,706
11 Southern Mindanao	8,904 <sup>a</sup>	94,356	76,097	18,259
12 Central Mindanao	4,495 <sup>a</sup>	81,364	68,834	12,530
13 Caraga Administrative Region	4,048 <sup>a</sup>	71,806	61,570	10,236
ARMM Autonomous Region for Muslim Mindanao	3,561 <sup>a</sup>	74,729	58,097	16,632

<sup>a</sup> in hundreds.

Notes: 1. Final results of the 1988 Family Income and Expenditures Survey exclude data for Rizal Province as fire destroyed the accomplished questionnaires of this province.

2. The real average family income and expenditures for each region in 1988 were derived using the respective regional CPIs with base year 1985 as deflators.

3. Details may not add up to totals due to rounding.

Source: National Statistics Office.

**Table 2.4**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY INCOME**  
**AND EXPENDITURE BY EXPENDITURE CLASS, URBAN AND RURAL**  
**1988, 1991, 1994 and 1997**

Expenditure class	1988				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	3,985,145	240,422,237	60,330	188,493,475	47,299
Under P 6,000	21,428	127,845	5,617	102,238	4,492
6,000 - 9,999	73,118	1,016,524	10,808	785,607	8,353
10,000 - 14,999	195,255	4,362,095	16,143	3,447,609	12,759
15,000 - 19,999	303,804	7,925,662	21,236	6,561,954	17,582
20,000 - 29,999	717,648	25,070,493	30,226	20,581,967	24,814
30,000 - 39,999	596,910	28,419,389	42,646	23,116,139	34,688
40,000 - 59,999	802,197	51,854,326	61,986	41,077,954	49,104
60,000 - 99,999	752,794	56,457,518	95,303	44,455,886	75,043
100,000 and over	521,990	65,188,384	217,214	48,364,121	161,154
RURAL					
Total	6,548,782	185,228,715	28,284	154,084,625	23,529
Under P 6,000	157,812	1,085,650	5,893	825,162	4,479
6,000 - 9,999	559,584	6,841,645	10,240	5,509,919	8,247
10,000 - 14,999	1,223,084	21,103,677	14,996	17,705,448	12,581
15,000 - 19,999	1,108,559	26,455,139	20,314	22,647,327	17,390
20,000 - 29,999	1,547,610	43,324,292	28,556	36,936,388	24,346
30,000 - 39,999	786,085	29,202,195	41,229	24,326,708	34,345
40,000 - 59,999	674,387	28,050,194	56,823	23,594,386	47,796
60,000 - 99,999	357,142	19,804,547	90,363	16,243,813	74,116
100,000 and over	134,519	9,361,378	192,736	6,295,473	129,614

Table 2.4 (continued)

Income class	1991				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	59,385	531,919,567	89,571	418,971,428	70,551
Under P 10,000	845	1,027,830	10,706	713,476	7,431
10,000 - 19,999	4,020	10,830,050	20,545	8,326,488	15,795
20,000 - 29,999	6,434	25,885,358	31,231	20,899,146	25,215
30,000 - 39,999	6,891	34,189,182	44,394	26,883,499	34,907
40,000 - 49,999	6,171	39,013,086	55,575	31,483,029	44,848
50,000 - 59,999	5,697	38,143,226	67,115	31,206,452	54,909
60,000 - 79,999	8,238	70,675,978	87,067	56,414,323	69,498
80,000 - 99,999	5,495	62,097,016	112,513	49,273,668	89,279
100,000 - 149,000	7,915	92,566,822	150,384	74,047,967	120,298
150,000 - 249,000	5,046	88,470,041	261,714	62,769,047	185,685
250,000 - 499,000	2,070	41,884,958	416,325	32,968,981	327,702
500,000 and over	563	27,136,019	960,067	23,985,353	848,597
RURAL					
Total	60,369	248,712,904	41,199	203,644,774	33,733
Under P 10,000	2,219	2,970,350	10,429	2,192,649	7,698
10,000 - 19,999	12,455	31,052,676	19,549	24,832,747	15,634
20,000 - 29,999	15,022	48,699,133	29,655	40,478,735	24,649
30,000 - 39,999	10,426	41,702,455	40,938	35,093,977	34,450
40,000 - 49,999	6,338	29,955,039	52,512	25,395,018	44,518
50,000 - 59,999	4,090	20,827,301	65,747	17,275,008	54,533
60,000 - 79,999	4,106	25,811,704	85,654	20,580,003	68,293
80,000 - 99,999	2,230	15,758,413	113,086	12,325,810	88,453
100,000 - 149,000	2,255	19,617,008	154,782	15,103,412	119,169
150,000 - 249,000	889	8,872,461	222,840	7,127,584	179,016
250,000 - 499,000	303	2,525,098	357,952	2,422,821	343,453
500,000 and over	37	921,266	730,178	817,010	647,547

Table 2.4 (continued)

**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY INCOME  
AND EXPENDITURES BY EXPENDITURE CLASS, URBAN AND RURAL  
1958, 1991, 1994 and 1997**

Income class	Total number of families (hundreds)	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)

## 1994 URBAN

Total	6,347,291	718,010,189	113,121	578,333,617	91,115
Under P 10,000	29,059	304,259	9,059	252,446	7,516
10,000 - 19,999	200,872	5,091,802	20,184	4,078,141	16,166
20,000 - 29,999	424,394	16,210,224	30,720	13,303,232	25,211
30,000 - 39,999	527,659	29,030,235	43,088	23,590,732	35,014
40,000 - 49,999	548,381	36,227,945	54,963	29,614,278	44,929
50,000 - 59,999	525,725	40,404,120	67,323	33,035,454	55,045
60,000 - 79,999	954,498	87,910,793	86,590	70,651,640	69,590
80,000 - 99,999	718,059	79,525,082	109,396	64,958,092	89,358
100,000 - 149,000	1,108,894	148,033,210	148,878	120,478,315	121,166
150,000 - 249,000	845,362	140,592,849	230,772	113,866,292	186,902
250,000 - 499,000	366,207	91,170,240	423,460	71,151,203	330,477
500,000 and over	98,181	43,509,430	1,096,624	33,353,792	840,658

## 1994 RURAL

Total	6,407,653	342,699,764	53,483	284,674,700	44,427
Under P 10,000	120,478	1,490,499	9,775	1,180,289	7,741
10,000 - 19,999	732,395	17,018,626	19,320	13,911,091	15,792
20,000 - 29,999	1,220,028	43,109,017	29,720	36,312,189	25,034
30,000 - 39,999	1,125,236	51,766,203	41,420	43,454,947	34,770
40,000 - 49,999	842,674	43,625,081	51,768	37,503,576	44,504
50,000 - 59,999	607,701	38,751,805	64,748	32,725,278	54,679
60,000 - 79,999	743,527	48,864,393	82,738	40,607,430	68,757
80,000 - 99,999	356,256	30,728,683	112,539	24,227,920	88,731
100,000 - 149,000	392,655	36,657,216	144,847	30,134,624	119,073
150,000 - 249,000	208,702	22,716,735	241,782	17,629,120	187,632
250,000 - 499,000	53,148	7,144,407	343,059	6,106,771	293,234
500,000 and over	4,854	827,099	644,761	881,465	687,141

1997<sup>P</sup> URBAN 6,750,600 1,212,008,110 179,540 959,364,745 142,115

1997<sup>P</sup> RURAL 7,441,800 546,171,902 73,392 462,634,133 62,167

Notes: 1. 1997 results are still preliminary; breakdown not yet available.

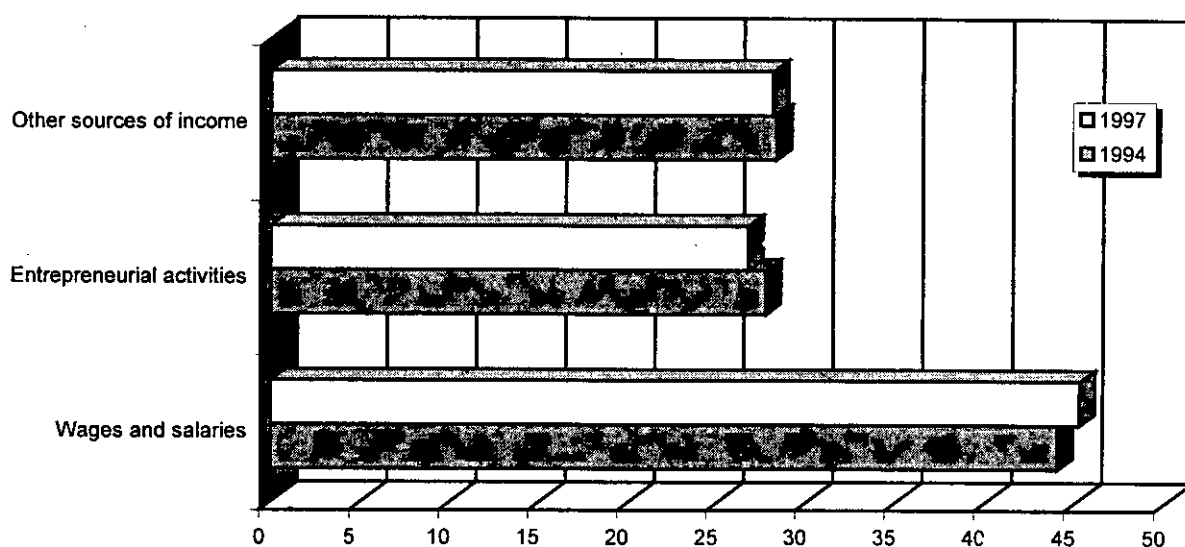
2. Final results of the 1988 Family Income and Expenditures Survey (FIES) exclude data for Rizal province as fire destroyed the accomplished questionnaires of this province.

3. Details may not add up to totals due to rounding.

Source: National Statistics Office.



**Figure 2.5 PERCENTAGE DISTRIBUTION OF INCOME RECEIVED FROM  
SELECTED SOURCES: 1994 and 1997**



**Figure 2.6 ANNUAL PER CAPITA POVERTY THRESHOLDS OF FAMILIES  
BY REGION: 1994 and 1997**

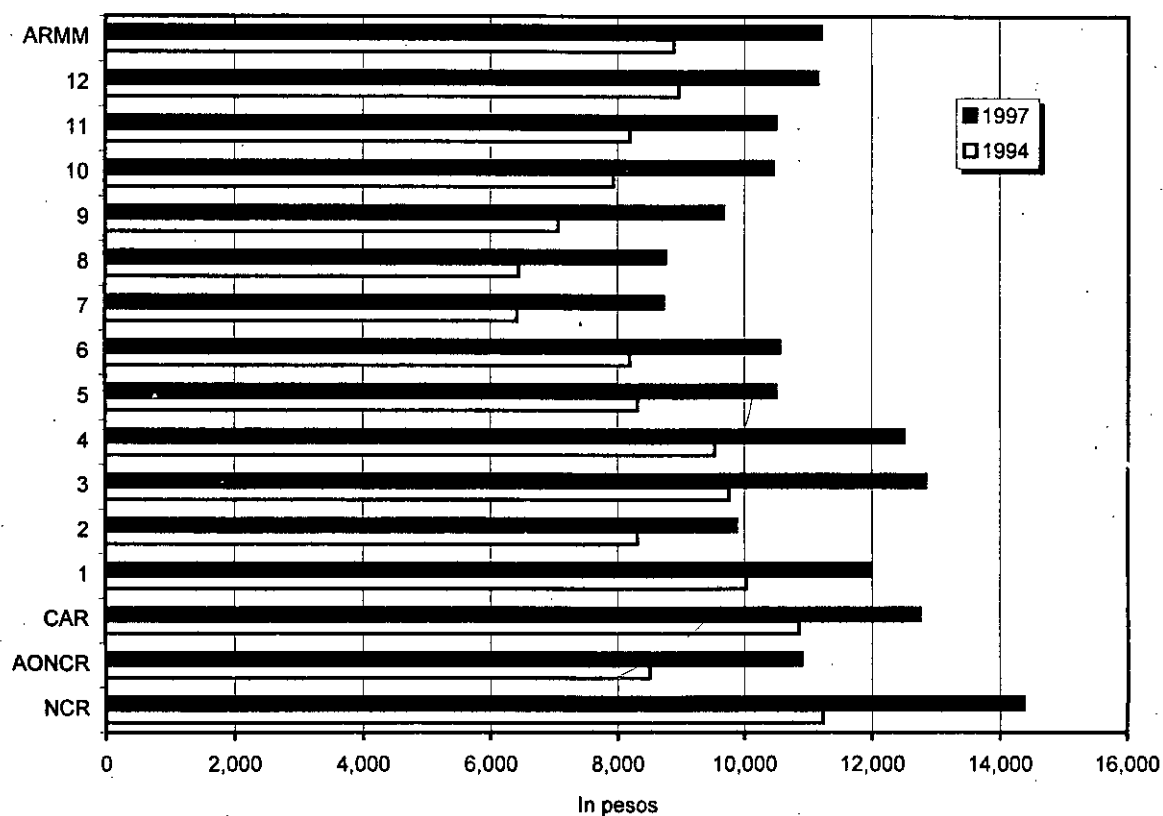


Table 2.5

**AVERAGE FAMILY INCOME AND EXPENDITURE BY FAMILY SIZE AND INCOME CLASS**  
**1985, 1988, 1991 and 1994**

Family Size	1985									
	Income Class									
	All income classes	Under 6,000	6,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 29,999	30,000- 39,999	40,000- 59,999	60,000- 99,999	100,000 and over
<b>Philippines</b>										
No. of families	9,847,339	375,849	1,116,780	1,778,039	1,539,840	1,936,341	1,085,634	1,043,520	625,740	345,598
Average income	31,052	4,523	8,240	12,490	17,385	24,465	34,452	48,393	75,471	183,439
Ave. expenditure	26,865	5,532	8,901	12,509	16,782	23,004	30,933	41,958	62,433	125,781
<b>One person</b>										
No. of families	228,945	92,944	50,998	33,348	13,711	15,850	9,945	6,339	4,954	855
Average income	14,037	3,695	7,914	12,255	16,692	24,425	33,659	49,259	81,515	457,289
Ave. expenditure	11,013	3,765	7,305	10,561	14,759	21,525	26,474	34,687	51,424	193,141
<b>Two persons</b>										
No. of families	662,181	81,334	168,171	155,488	89,564	76,955	39,720	25,895	15,116	9,938
Average income	19,349	4,716	8,039	12,125	17,197	24,210	34,679	47,530	76,777	203,207
Ave. expenditure	16,524	5,216	7,933	10,758	14,803	21,142	28,251	38,315	63,647	149,092
<b>Three persons</b>										
No. of families	1,094,778	56,450	198,952	256,049	160,542	178,572	84,493	89,137	47,244	23,341
Average income	26,078	4,530	8,139	12,428	17,245	24,630	34,632	47,400	74,694	241,855
Ave. expenditure	21,483	5,186	8,351	11,811	16,018	22,486	29,416	38,866	57,125	141,585
<b>Four persons</b>										
No. of families	1,584,152	49,700	205,426	340,957	271,840	297,120	167,044	135,159	72,025	44,882
Average income	27,928	4,975	8,186	12,394	17,485	24,328	34,768	48,188	75,384	86,188
Ave. expenditure	24,079	6,111	8,706	12,265	16,542	22,370	30,519	40,867	60,666	127,778
<b>Five persons</b>										
No. of families	1,732,088	35,279	179,268	317,134	304,172	372,633	182,183	179,565	105,420	56,434
Average income	31,229	4,884	8,320	12,553	17,320	24,608	34,355	48,250	74,154	199,686
Ave. expenditure	26,997	6,291	9,420	12,957	17,002	22,909	31,836	41,953	61,602	127,671
<b>Six persons</b>										
No. of families	1,558,029	28,763	129,286	269,387	255,434	341,042	193,660	176,287	108,141	56,030
Average income	32,133	4,752	8,290	12,475	17,418	24,422	34,539	48,606	75,807	165,291
Ave. expenditure	28,231	8,606	9,650	12,750	16,958	22,838	30,495	42,389	63,713	118,976
<b>Seven persons</b>										
No. of families	1,145,664	16,200	102,419	178,369	189,810	249,427	147,443	129,316	85,605	47,075
Average income	33,957	5,021	8,532	12,742	17,440	24,525	33,879	48,505	75,129	181,589
Ave. expenditure	29,656	7,590	10,044	13,320	17,307	23,199	30,650	41,778	63,461	127,927
<b>Eight persons</b>										
No. of families	806,995	9,656	42,515	130,350	116,611	187,006	105,242	111,159	68,927	35,530
Average income	36,522	5,127	8,619	12,604	17,333	24,285	34,346	48,737	77,307	182,692
Ave. expenditure	32,210	7,569	9,605	13,096	17,407	24,196	31,341	42,544	66,172	131,199
<b>Nine persons</b>										
No. of families	489,596	3,339	29,103	57,169	77,904	102,336	71,702	78,238	45,581	24,223
Average income	37,726	5,406	8,665	12,866	17,396	24,495	34,297	48,926	76,599	157,875
Ave. expenditure	33,223	8,456	10,348	14,295	16,880	23,499	32,573	43,785	63,530	113,217
<b>Ten or more persons</b>										
No. of families	544,911	2,184	10,643	39,790	60,252	115,399	84,202	112,425	72,728	47,288
Average income	547,632	5,508	8,470	12,885	17,841	24,545	34,912	48,630	74,748	160,500
Ave. expenditure	41,191	6,804	10,282	14,220	18,454	24,893	32,742	44,662	61,972	116,000

Table 2.5 (continued)

1988									
Income Class									
All income classes	Under 6,000	6,000- 9,999	10,000- 14,999	15,000- 19,999	20,000- 29,999	30,000- 39,999	40,000- 59,999	60,000- 99,999	100,000 and over
10,533,927	179,240	632,703	1,418,339	1,412,363	2,265,258	1,382,997	1,476,583	1,109,936	656,508
40,408	4,625	8,254	12,640	17,467	24,629	34,694	48,749	75,385	179,092
32,521	5,552	9,025	12,769	16,700	22,326	30,209	40,604	59,293	115,851
266,396	67,187	60,683	55,342	21,996	22,980	14,741	11,811	7,815	3,840
18,150	4,248	7,823	12,150	16,941	24,340	34,948	47,766	74,121	211,434
14,745	4,190	6,893	10,304	14,266	19,338	26,135	39,155	63,436	144,889
717,429	44,729	127,664	142,650	94,450	136,330	63,279	48,195	37,744	22,389
27,123	4,646	7,956	12,385	17,416	24,183	34,400	48,652	74,325	187,600
21,176	4,949	7,700	11,069	15,385	20,293	28,169	37,516	52,679	116,596
1,261,085	31,274	112,782	237,217	203,852	265,925	136,546	137,429	83,912	52,147
32,359	5,024	8,273	12,428	17,408	24,381	34,694	48,631	76,301	170,934
25,912	6,370	9,243	11,837	15,524	20,758	28,935	38,697	57,698	111,839
1,814,071	15,335	117,614	280,724	253,488	398,328	231,526	248,726	180,756	87,575
37,837	5,096	8,439	12,689	17,357	24,598	34,678	48,858	74,100	185,370
30,211	7,065	9,225	12,579	16,337	22,300	29,640	39,821	57,643	112,697
1,968,642	10,603	95,394	254,033	270,515	448,923	248,484	288,210	219,467	133,012
42,036	5,002	8,379	12,819	17,521	24,675	34,927	48,242	74,963	178,880
33,424	8,247	9,720	13,126	16,706	22,107	29,917	41,990	58,437	110,112
1,664,411	3,553	50,662	189,861	227,363	372,813	245,241	277,579	193,177	104,162
42,849	5,244	8,451	12,630	17,403	24,628	34,543	49,200	74,580	180,484
34,880	7,278	10,347	13,348	17,083	22,772	30,617	40,953	58,822	118,636
1,182,094	3,576	39,675	130,406	164,513	255,971	186,496	172,412	147,142	81,903
43,231	4,495	8,632	12,887	17,524	24,549	34,527	48,554	76,845	168,237
36,025	8,517	11,204	14,111	17,783	22,858	31,215	40,814	62,058	116,031
789,725	1,590	22,226	74,049	97,719	178,584	119,527	127,412	105,125	63,493
46,037	3,420	8,344	12,767	17,720	25,059	34,565	48,476	76,155	168,525
37,886	18,739	10,025	14,749	17,887	23,615	30,459	40,370	62,980	113,452
414,092	646	3,322	34,722	42,813	99,504	62,472	65,360	63,418	41,835
52,755	4,862	8,452	12,739	17,851	24,855	35,022	49,137	76,691	188,250
43,101	7,316	10,985	14,692	18,561	23,948	31,438	41,593	60,359	134,062
455,983	747	2,681	19,335	35,654	85,900	74,685	99,449	71,380	66,152
62,567	5,729	8,495	13,238	17,611	25,175	35,020	49,443	76,427	188,476
47,742	8,655	9,664	16,068	18,006	24,390	32,522	41,159	60,201	118,971

Table 2.5 (continued)

**AVERAGE FAMILY INCOME AND EXPENDITURE BY FAMILY SIZE AND INCOME CLASS**  
**1985, 1988, 1991 and 1994**

Family Size	1991 <sup>a</sup>									
	Income Class									
	All income classes	Under 20,000	20,000 - 29,999	30,000 - 39,999	40,000 - 49,999	50,000 - 59,999	60,000 - 79,999	80,000 - 99,999	100,000 - 249,999	250,000 - and over
<b>Philippines</b>										
No. of families	119,754	19,540	21,456	17,317	12,509	9,787	12,344	7,724	16,105	2,973
Average income	65,106	14,338	24,876	34,731	44,725	54,723	69,024	89,315	145,701	473,488
Ave. expenditure	51,991	15,065	23,746	31,059	39,073	46,544	58,392	73,212	112,180	285,008
<b>One person</b>										
No. of families	3,192	1,920	456	287	126	87	135	64	89	29
Average income	29,630	10,969	23,917	33,844	44,507	55,168	69,620	88,754	142,161	510,617
Ave. expenditure	24,266	9,728	19,277	26,952	31,829	38,082	57,695	66,680	103,683	493,634
<b>Two persons</b>										
No. of families	8,521	3,444	1,613	1,040	634	410	572	252	458	99
Average income	42,083	13,024	24,174	34,901	44,634	54,623	68,757	90,025	137,425	631,546
Ave. expenditure	32,616	12,514	21,409	27,910	36,368	41,723	54,779	69,813	100,071	365,575
<b>Three persons</b>										
No. of families	14,267	3,391	2,938	2,089	1,155	945	1,215	761	1,536	238
Average income	55,703	14,290	24,640	34,783	44,979	54,723	68,725	89,013	144,617	521,374
Ave. expenditure	42,541	14,371	22,450	29,513	37,219	44,701	56,020	67,758	107,434	254,871
<b>Four persons</b>										
No. of families	20,640	3,249	4,046	3,046	2,238	1,739	2,055	1,254	2,636	378
Average income	62,130	15,170	24,840	34,610	44,802	54,782	69,179	89,749	146,412	504,927
Ave. expenditure	49,404	15,864	23,106	30,459	38,029	46,072	59,162	73,196	110,023	299,548
<b>Five persons</b>										
No. of families	22,931	2,853	4,375	3,363	2,513	1,939	2,587	1,730	3,046	525
Average income	64,812	15,264	24,867	34,661	44,642	54,768	69,017	88,698	144,879	429,736
Ave. expenditure	52,531	16,680	23,608	31,103	39,012	47,433	57,750	72,312	114,636	257,920
<b>Six persons</b>										
No. of families	18,768	2,195	3,286	2,933	2,164	1,648	1,973	1,295	2,707	567
Average income	68,578	15,385	25,108	34,974	44,529	54,626	68,895	89,324	146,677	411,018
Ave. expenditure	55,787	17,609	24,761	32,034	39,789	46,927	58,211	76,061	114,789	256,485
<b>Seven persons</b>										
No. of families	12,944	1,273	2,200	1,988	1,479	1,141	1,461	947	2,073	382
Average income	77,695	15,832	24,988	34,626	44,696	54,486	69,522	89,444	145,893	640,226
Ave. expenditure	58,631	18,129	25,239	32,133	39,921	47,614	59,639	74,099	112,901	292,252
<b>Eight persons</b>										
No. of families	8,411	716	1,402	1,290	992	789	1,016	530	1,411	266
Average income	72,090	15,615	25,563	34,794	44,876	54,949	68,923	90,217	144,746	392,775
Ave. expenditure	61,737	18,264	25,899	32,631	39,745	47,073	59,139	71,747	111,736	358,752
<b>Nine persons</b>										
No. of families	5,074	345	694	775	602	529	676	418	847	188
Average income	77,546	15,430	24,819	34,595	44,896	54,775	68,630	69,290	148,192	420,408
Ave. expenditure	63,101	19,530	25,937	32,576	42,289	47,652	60,247	74,604	113,206	275,715
<b>Ten or more persons</b>										
No. of families	5,005	156	447	506	607	560	654	474	1,301	299
Average income	99,346	16,433	26,030	34,902	44,794	54,791	69,157	89,327	147,696	426,737
Ave. expenditure	78,751	20,653	27,430	33,346	42,123	47,785	60,895	80,173	114,485	276,132

a - Figures are expressed in hundreds.

Source: National Statistics Office.

Table 2.5 (continued)

1994									
Income Class									
All income classes	Under 20,000	20,000 - 29,999	30,000 - 39,999	40,000 - 49,999	50,000 - 59,999	60,000 - 79,999	80,000 - 99,999	100,000 - 249,999	250,000 - and over
12,754,944	1,082,804	1,644,422	1,652,896	1,391,055	1,133,426	1,698,025	1,074,314	2,555,613	522,390
83,161	14,721	25,175	34,915	44,815	54,827	69,239	89,418	149,164	433,276
67,661	15,671	24,685	32,851	40,852	48,480	60,014	76,366	117,706	295,975
341,631	169,658	46,423	30,689	25,638	13,952	21,354	8,222	22,877	2,817
38,943	11,507	24,164	34,594	44,163	54,901	68,960	88,779	142,550	641,224
32,449	10,445	20,024	29,553	39,184	42,357	56,445	67,030	114,676	532,939
911,679	261,282	194,622	109,941	65,109	57,319	72,362	42,091	91,812	17,141
52,901	14,167	24,621	34,690	44,804	54,459	68,502	89,003	142,397	472,886
41,267	13,657	21,852	29,528	38,043	42,952	53,198	71,278	103,045	309,496
1,542,055	195,222	252,178	206,402	164,274	131,988	180,592	108,776	266,680	35,945
70,908	15,349	24,896	34,727	44,861	54,527	69,288	88,802	146,106	478,502
57,189	16,262	23,314	31,313	39,166	46,987	56,913	75,885	111,235	329,358
2,190,630	143,370	308,840	314,662	241,838	208,419	283,871	191,474	418,622	79,532
80,349	16,184	25,045	34,923	44,769	54,747	69,314	89,720	147,778	427,685
65,423	17,546	24,080	32,059	39,836	48,367	59,397	74,332	116,873	296,031
2,385,773	121,205	299,912	302,086	277,451	205,260	354,865	222,749	509,032	93,214
84,750	15,904	25,316	35,034	44,820	54,982	69,259	89,468	150,170	401,462
69,400	17,776	25,447	33,159	41,111	48,981	59,677	76,355	119,824	269,585
1,996,750	81,051	237,208	271,660	226,846	187,115	290,101	184,241	418,061	100,467
90,799	15,554	25,612	34,950	44,770	54,877	69,283	89,669	150,822	441,686
73,485	19,239	26,015	33,687	41,219	48,973	61,570	76,311	119,452	293,383
1,477,855	58,393	149,495	197,169	172,927	144,738	224,700	135,069	326,690	68,675
90,141	15,970	25,205	34,979	44,811	54,921	69,084	89,350	150,149	426,314
74,545	19,386	26,739	34,121	42,015	48,944	60,974	79,511	118,634	302,337
899,654	32,629	93,253	111,706	110,126	94,724	124,248	82,746	205,274	44,949
92,085	15,571	26,051	35,141	44,793	55,190	69,598	89,105	150,272	420,680
75,228	19,903	27,247	34,623	42,451	49,738	63,637	79,071	117,732	280,726
512,070	12,087	43,441	67,592	57,599	50,824	65,317	50,132	134,296	30,783
97,923	16,414	25,520	34,897	44,967	54,864	68,368	89,683	146,932	402,989
80,984	21,664	27,406	34,970	42,186	51,303	60,812	77,400	119,156	284,622
496,847	7,907	19,051	40,989	49,247	39,088	80,614	48,815	162,270	48,866
129,051	18,011	26,107	34,666	45,298	54,464	69,947	89,351	153,564	466,151
103,005	22,836	29,559	35,834	43,687	50,986	63,175	77,276	124,965	320,828

**Table 2.6**  
**PERCENTAGE DISTRIBUTION OF INCOME RECEIVED FROM SELECTED SOURCES**  
**1988, 1991, 1994 and 1997**

Source of income	1988	1991	1994	1997 <sup>P</sup>
Total	100.0	100.0	100.0	100.0
Wages and salaries	43.3	41.7	44.0	45.2
Agricultural	5.0	4.0	4.0	3.0
Non-agricultural	38.3	37.6	40.0	42.1
Entrepreneurial activities	29.8	30.5	27.7	26.7
Crop farming and gardening	9.9	8.9	8.6	6.9
Livestock and poultry raising	1.1	1.1	1.1	0.9
Wholesale and retail trade	9.7	9.7	9.1	8.8
Manufacturing	2.1	1.8	2.0	2.0
Other Entrepreneurial activities	7.0	9.0	6.9	8.1
Other sources of income	26.9	27.8	28.3	28.1
Net share of crops	1.5	1.5	1.1	0.9
Receipts from abroad	7.5	8.4	8.0	6.7
Rental value of occupied dwellings	7.9	8.4	9.4	10.4
Family sustenance activities	2.2	1.9	1.8	1.3
Other sources	7.8	7.6	8.0	8.8

Note: Final results of the 1988 Family Income and Expenditure Survey (FIES) exclude data for Rizal Province as fire destroyed the accomplished questionnaires of this province.

Source: National Statistics Office.

**Table 2.7**  
**PERCENTAGE DISTRIBUTION OF TOTAL FAMILY INCOME BY INCOME DECILE**  
**PHILIPPINES**  
**1988, 1991, 1994 and 1997**

Income decile	1988	1991	1994	1997 <sup>P</sup>
Total	100.0	100.0	100.0	100.0
First decile	2.0	1.8	1.9	1.7
Second decile	3.2	2.9	3.0	2.7
Third decile	4.1	3.8	3.9	3.4
Fourth decile	5.0	4.7	4.9	4.3
Fifth decile	6.0	5.7	6.0	5.3
Sixth decile	7.3	7.0	7.4	6.7
Seventh decile	9.1	8.8	9.1	8.6
Eighth decile	11.6	11.4	11.8	11.4
Ninth decile	16.0	16.1	16.4	16.1
Tenth decile	35.8	37.8	35.5	39.7

Source: National Statistics Office.

**Table 2.8**  
**PERCENTAGE DISTRIBUTION OF TOTAL FAMILY EXPENDITURE**  
**BY MAJOR EXPENDITURE GROUP, PHILIPPINES**  
**1988, 1991, 1994 and 1997**

Expenditure group	1988	1991	1994	1997 <sup>P</sup>
Total family expenditures (in thousand pesos)	342,578,100	622,616,202	863,008,317	1,421,998,877
Percent	100.00	100.00	100.00	100.00
Food	50.7	48.5	47.8	43.9
Food consumed at home	47.3	44.7	43.5	39.2
Food regularly consumed outside the home	3.4	3.8	4.2	4.7
Alcoholic beverages	1.1	1.0	0.9	0.8
Tobacco	2.1	1.7	1.4	1.3
Housing	12.8	13.5	14.1	15.4
Fuel, light and water	5.2	5.7	5.5	5.3
Transportation & communication	4.7	5.4	4.7	5.6
Household operations	2.5	2.7	2.6	2.3
Personal care and effects	3.3	3.3	3.2	3.2
Clothing, footwear & other wear	4.2	3.7	3.5	3.3
Education	2.9	3.0	3.7	3.7
Recreation	0.5	0.4	0.4	0.4
Medical care	1.7	1.8	2.3	2.2
Household furnishings and equipment	2.2	2.4	3.1	3.3
Taxes paid	1.1	1.4	1.4	2.7
Miscellaneous expenditures	3.3	3.4	3.6	3.4
Special occasions of the family	2.3	2.4	2.6	2.4
Gifts and contributions to others	1.0	1.0	1.0	1.0
Other expenditures	1.8	1.9	1.7	3.1

Source: National Statistics Office.

**Table 2.9**  
**ANNUAL PER CAPITA POVERTY THRESHOLDS AND INCIDENCES OF FAMILIES**  
**BY REGION**  
**1988, 1991, 1994 and 1997**

Region	1988			1991		
	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Families <sup>b</sup>	Incidence of Poor Families <sup>c</sup>	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Families <sup>b</sup>	Incidence of Poor Families <sup>c</sup>
Philippines	4,777	4,230,484	40.2	7,302	4,780,868	39.9
NCR	6,576	310,284	21.6	9,286	217,602	13.2
Areas Outside NCR	4,489	3,920,200	43.1	6,982	4,563,266	44.2
CAR	5,116	89,572	41.9	8,337	111,030	48.8
1 Ilocos Region	4,934	280,394	44.9	8,060	325,145	48.4
2 Cagayan Valley	4,573	177,072	40.4	7,035	211,839	43.3
3 Central Luzon	5,242	304,313	29.3	8,173	371,817	31.1
4 Southern Luzon	4,832	527,360	41.1	8,075	612,213	37.9
5 Bicol Region	4,144	402,522	54.5	6,385	452,777	55.0
6 Western Visayas	4,344	472,909	49.4	6,403	484,505	45.3
7 Central Visayas	3,711	388,571	46.8	5,585	377,448	41.7
8 Eastern Visayas	3,818	292,953	48.9	5,138	264,906	40.1
9 Western Visayas	3,793	208,710	38.7	6,351	238,022	49.7
10 Northern Visayas	4,523	279,900	46.1	6,433	363,231	53.0
11 Southern Visayas	4,876	318,117	43.1	6,544	383,368	46.2
12 Central Visayas <sup>d</sup>	4,147	177,807	36.1	7,321	209,458	57.0
ARMM	-	-	-	7,450	157,507	50.7

a - The annual per capita income required or the amount to be spent to satisfy nutritional requirements (2,000 calories) and other basic needs.

b - The number of families whose annual per capita income falls below the annual per capita poverty threshold.

c - The proportion of poor families to total number of families.

d - Excludes ARMM provinces starting 1991.

Source: Technical Working Group on Income Statistics, NSCB.

**Table 2.10**  
**ANNUAL PER CAPITA POVERTY THRESHOLDS AND INCIDENCES OF POPULATION**  
**BY REGION**  
**1988, 1991, 1994 and 1997**

Region	1988			1991		
	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Population <sup>b</sup>	Incidence of Poor Population <sup>c</sup>	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Population <sup>b</sup>	Incidence of Poor Population <sup>c</sup>
Philippines	4,777	25,005,345	45.5	7,302	28,119,758	45.3
NCR	6,576	1,909,886	25.2	9,286	1,439,613	16.7
Areas Outside NCR	4,489	23,095,459	48.7	6,982	26,680,145	49.9
CAR	5,116	536,434	50.7	8,332	674,718	55.4
1 Ilocos Region	4,934	1,650,993	51.7	8,060	1,928,392	55.3
2 Cagayan Valley	4,573	961,787	44.6	7,035	1,156,072	48.9
3 Central Luzon	5,242	1,835,977	33.8	8,173	2,239,856	35.5
4 Southern Luzon	4,832	3,085,179	46.6	8,075	3,579,228	43.2
5 Bicol Region	4,144	2,430,345	61.4	6,385	2,707,612	61.3
6 Western Visayas	4,344	2,864,735	56.6	6,403	2,964,722	52.9
7 Central Visayas	3,711	2,154,798	52.1	5,585	2,071,808	46.7
8 Eastern Visayas	3,818	1,654,830	54.7	5,138	1,532,526	47.1
9 Western Visayas	3,793	1,258,269	43.7	6,351	1,347,963	54.4
10 Northern Visayas	4,523	1,618,657	50.2	6,433	2,092,823	57.4
11 Southern Visayas	4,876	1,933,694	48.9	6,544	2,240,910	51.6
12 Central Visayas <sup>d</sup>	4,147	1,109,761	41.0	7,321	1,233,512	63.1
ARMM	-	-	-	7,450	910,003	56.0

a - The annual per capita income required or the amount to be spent to satisfy nutritional requirements (2,000 calories) and other basic needs.

b - The number of individuals in families whose annual per capita income falls below the annual per capita poverty threshold.

c - The proportion of poor population to total population.

d - Excludes ARMM provinces starting 1991.

Source: Technical Working Group on Income Statistics, NSCB.



Table 2.9 (continued)

1994			1997 <sup>P</sup>		
Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Families <sup>b</sup>	Incidence of Poor Families <sup>c</sup>	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Families <sup>b</sup>	Incidence of Poor Families <sup>c</sup>
8,885	4,531,170	35.5	11,388	4,553,387	32.1
11,230	141,671	8.0	14,360	140,793	7.1
8,509	4,389,499	39.9	10,898	4,412,594	36.2
10,853	122,941	51.0	12,744	109,646	42.3
10,022	338,328	47.9	11,981	292,764	37.6
8,316	185,708	35.5	9,873	185,768	31.6
9,757	321,212	25.2	12,837	241,865	16.8
9,537	514,527	29.7	12,507	498,536	25.7
8,319	483,954	55.1	10,497	485,099	50.1
8,197	487,793	43.0	10,558	520,200	41.6
6,425	311,888	32.7	8,726	357,715	34.2
6,444	262,860	37.9	8,755	305,750	40.7
7,074	227,259	44.7	9,670	221,330	39.8
7,938	361,057	49.2	10,455	385,337	46.8
8,201	357,616	40.3	10,489	379,344	37.9
8,971	216,275	54.7	11,155	220,526	49.1
8,889	198,081	60.0	11,214	208,714	58.6

Table 2.10 (continued)

1994			1997 <sup>P</sup>		
Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Population <sup>b</sup>	Incidence of Poor Population <sup>c</sup>	Annual Per Capita Poverty Threshold <sup>a</sup> (Pesos)	Magnitude of Poor Population <sup>b</sup>	Incidence of Poor Population <sup>c</sup>
8,885	27,274,205	40.6	11,388	27,250,075	37.5
11,230	975,263	10.5	14,360	985,669	9.6
8,509	26,298,942	45.5	10,898	26,264,406	42.1
10,853	746,562	56.4	12,744	1,342,149	49.6
10,022	1,971,779	53.6	11,981	1,784,356	44.7
8,316	1,093,828	42.1	9,873	1,074,800	38.0
9,757	2,046,167	29.2	12,837	1,511,833	20.1
9,537	3,058,537	34.9	12,507	2,935,153	30.1
8,319	2,869,319	60.8	10,497	2,935,724	57.5
8,197	3,011,027	49.9	10,558	3,002,168	48.2
6,425	1,801,745	37.5	8,726	2,064,860	39.5
6,444	1,563,152	44.8	8,755	1,810,504	49.0
7,074	1,360,155	50.6	9,670	1,296,438	45.5
7,938	2,143,280	54.1	10,455	2,247,143	53.2
8,201	2,198,352	45.6	10,489	2,278,514	44.6
8,971	1,272,616	58.7	11,155	1,308,187	55.4
8,889	1,162,423	65.3	11,214	1,342,149	63.8

**Table 2.11**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND INFLATION RATE**  
**1995 to 1998**  
**(1994=100)**

Period	Philippines		Metro Manila		Areas Outside Metro Manila	
	Index for All Items	Inflation Rate (%)	Index for All Items	Inflation Rate (%)	Index for All Items	Inflation Rate (%)
1995	108.0	...	108.2	...	108.0	...
1996	117.8	9.1	117.3	8.5	118.0	9.3
January	115.1	10.9	114.0	10.3	115.6	11.0
February	116.0	11.1	114.8	10.1	116.4	11.5
March	116.4	11.1	115.3	9.6	116.8	11.7
April	116.7	11.0	116.5	9.8	116.9	11.4
May	117.0	10.2	116.6	7.9	117.2	11.1
June	117.8	10.0	117.4	8.6	117.9	10.5
July	118.1	9.4	117.4	8.5	118.4	9.7
August	119.0	8.7	118.6	8.2	119.2	8.9
September	118.9	6.4	118.4	6.6	119.1	6.2
October	119.1	6.3	118.9	5.8	119.1	6.6
November	119.2	6.6	119.2	7.7	119.1	6.2
December	119.9	7.1	120.4	8.5	119.8	6.6
1997	124.8	6.0	125.1	6.6	124.7	5.7
January	121.5	5.6	121.9	6.9	121.4	5.0
February	122.0	5.2	122.5	6.7	121.8	4.6
March	122.6	5.3	123.3	6.9	122.3	4.7
April	122.8	5.2	123.4	5.9	122.6	4.9
May	123.0	5.1	123.7	6.1	122.7	4.7
June	124.5	5.7	125.6	7.0	124.1	5.3
July	124.8	5.7	125.7	7.1	124.5	5.2
August	125.6	5.5	125.9	6.2	125.5	5.3
September	126.6	6.5	126.2	6.6	126.8	6.5
October	127.3	6.9	127.0	6.8	127.4	7.0
November	128.1	7.5	127.5	7.0	128.3	7.7
December	128.7	7.3	128.8	7.0	128.6	7.3
1998						
January	130.0	7.0	131.2	7.6	129.6	6.8
February	131.9	8.1	132.9	8.5	131.5	8.0
March	133.0	8.5	133.9	8.6	132.6	8.4
April	133.8	9.0	135.0	9.4	133.3	8.7
May	135.4	10.1	138.1	11.6	134.4	9.5
June	137.8	10.7	139.5	11.1	137.1	10.5

Note: Data are as of July 1998.  
Source: National Statistics Office.

**Table 2.12**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**BY MAJOR COMMODITY GROUP, PHILIPPINES**  
**1995 to 1998**  
**(1994=100)**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1995	108.0	109.0	106.2	111.1	103.1	106.4	102.8
1996	117.8	120.4	112.0	122.9	109.4	115.7	102.7
January	115.1	118.8	110.6	117.7	105.6	110.7	101.9
February	116.0	119.5	111.0	119.3	106.6	111.6	102.1
March	116.4	119.5	111.3	121.0	106.8	112.4	102.3
April	116.7	119.7	111.5	121.8	108.7	112.7	102.4
May	117.0	120.0	111.6	122.2	109.3	112.9	102.5
June	117.8	120.3	112.0	122.9	109.3	116.4	102.5
July	118.1	120.5	112.0	123.5	109.9	117.1	102.6
August	119.0	121.9	112.3	124.0	110.0	117.5	102.9
September	118.9	121.4	112.6	124.5	109.5	118.1	103.1
October	119.1	121.3	112.8	125.4	110.9	118.2	103.2
November	119.2	120.8	113.1	126.0	112.3	119.6	103.3
December	119.9	121.4	113.7	126.4	113.9	121.7	103.5
1997	124.8	124.5	119.3	135.8	119.4	129.7	106.4
January	121.5	122.4	116.9	129.2	116.5	123.5	105.2
February	122.0	122.3	117.1	131.1	117.7	124.0	105.7
March	122.6	123.0	117.4	132.4	118.7	124.2	105.4
April	122.8	123.1	117.5	132.7	119.6	124.4	105.4
May	123.0	123.3	117.8	132.9	118.9	124.8	105.5
June	124.5	124.3	118.5	134.8	118.8	130.5	105.8
July	124.8	124.4	119.0	136.2	118.5	131.3	106.1
August	125.6	125.2	119.7	136.9	119.9	131.8	106.4
September	126.6	126.0	120.7	139.2	119.0	133.1	107.1
October	127.3	126.3	121.8	140.3	120.6	134.3	107.5
November	128.1	126.7	122.6	141.5	121.9	136.4	108.0
December	128.7	127.2	123.0	142.2	122.5	137.8	108.5
1998							
January	130.0	128.3	123.7	144.1	123.2	140.8	109.4
February	131.9	129.8	125.3	146.5	125.6	142.5	111.6
March	133.0	130.8	126.4	148.0	125.2	144.0	113.2
April	133.8	131.9	126.8	149.0	124.9	143.8	114.0
May	135.4	134.3	127.6	150.2	124.9	144.7	114.8
June	137.8	136.9	128.8	151.6	125.3	149.4	115.7

Note: Data are as of July 1998.  
Source: National Statistics Office.

**Table 2.13**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**BY MAJOR COMMODITY GROUP, METROPOLITAN MANILA AREA**  
**1995 to 1998**  
**(1994=100)**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1995	108.2	108.0	109.5	114.2	99.6	105.5	103.4
1996	117.3	118.7	117.4	126.1	106.5	111.9	102.8
January	114.0	116.2	115.9	120.6	101.8	108.2	102.1
February	114.8	116.4	116.5	122.9	102.5	109.2	102.3
March	115.3	116.6	116.9	124.7	101.5	109.2	102.5
April	116.5	117.5	117.0	126.2	107.1	109.7	102.5
May	116.6	117.8	116.9	126.3	107.4	109.7	102.5
June	117.4	118.5	117.1	126.5	106.6	112.7	102.7
July	117.4	118.2	117.3	126.9	106.5	112.7	102.7
August	118.6	120.8	117.7	126.9	106.0	113.0	103.3
September	118.4	120.1	118.0	127.3	106.0	113.2	103.3
October	118.9	120.5	118.2	128.2	107.8	113.1	103.2
November	119.2	119.8	118.5	128.4	110.9	115.3	103.1
December	120.4	121.4	119.3	128.4	113.8	117.1	103.3
1997	125.1	123.7	127.6	136.3	117.2	125.2	106.3
January	121.9	121.9	124.9	129.9	117.8	119.0	106.1
February	122.5	121.7	125.1	132.4	118.7	119.3	106.2
March	123.3	122.5	125.6	134.8	116.9	119.1	106.3
April	123.4	122.3	125.7	135.1	118.9	119.3	106.2
May	123.7	123.1	125.9	135.1	116.5	119.7	106.0
June	125.6	124.8	126.6	135.3	116.0	127.5	106.0
July	125.7	124.3	126.7	136.6	115.5	127.9	106.0
August	125.9	124.0	127.1	137.4	116.5	128.2	106.2
September	126.2	124.1	128.9	138.7	114.0	128.7	106.0
October	127.0	124.5	130.8	139.6	116.5	129.8	106.2
November	127.5	124.5	131.7	140.1	118.7	131.3	106.9
December	128.8	126.2	131.9	140.5	120.1	133.1	107.8
1998							
January	131.2	127.2	135.4	142.6	121.3	140.1	110.4
February	132.9	127.8	137.1	145.5	125.6	141.7	113.0
March	133.9	129.0	139.2	145.8	123.3	143.6	115.2
April	135.0	130.8	139.0	147.4	124.0	142.5	116.4
May	138.1	136.1	140.3	149.0	124.0	144.0	117.1
June	139.5	137.4	142.2	149.1	124.5	147.9	119.0

Note: Data are as of July 1998.  
Source: National Statistics Office.

**Table 2.14**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**BY MAJOR COMMODITY GROUP, AREAS OUTSIDE METROPOLITAN MANILA AREA**  
**1995 to 1998**  
**(1994=100)**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1995	108.0	109.4	105.2	108.8	104.8	106.9	102.6
1996	118.0	121.0	110.4	120.5	110.9	112.4	102.5
January	115.6	119.6	109.0	115.6	107.3	107.7	101.3
February	116.4	120.4	109.3	116.7	108.3	108.2	101.6
March	116.8	120.4	109.6	118.2	108.4	108.7	101.7
April	116.9	120.4	109.9	118.6	110.2	109.0	102.0
May	117.2	120.7	110.0	119.1	110.5	109.6	102.5
June	117.9	120.9	110.4	120.3	110.5	114.3	102.6
July	118.4	121.2	110.4	121.0	111.0	114.1	102.9
August	119.2	122.2	110.7	121.8	111.4	114.8	103.0
September	119.1	121.8	111.0	122.5	112.8	115.2	103.0
October	119.1	121.5	111.2	123.3	112.8	115.4	103.0
November	119.1	121.1	111.5	124.2	113.6	115.7	103.1
December	119.8	121.4	112.0	124.9	114.4	116.4	103.2
1997	124.7	124.8	116.9	135.4	120.4	132.0	106.4
January	121.4	122.5	114.5	128.6	115.9	125.9	104.9
February	121.8	122.5	114.7	130.2	117.3	126.5	105.6
March	122.3	123.1	114.9	130.6	119.6	126.9	105.1
April	122.6	123.4	115.0	130.9	119.9	127.1	105.2
May	122.7	123.4	115.3	131.2	120.0	127.5	105.4
June	124.1	124.2	116.1	134.4	120.1	132.1	105.8
July	124.5	124.4	116.7	135.9	119.9	133.0	106.1
August	125.5	125.5	117.5	136.5	121.5	133.7	106.5
September	126.8	126.6	118.2	139.5	121.4	135.4	107.4
October	127.4	126.9	119.1	140.8	122.5	136.7	107.9
November	128.3	127.4	119.9	142.6	123.4	139.0	108.3
December	128.6	127.5	120.3	143.5	123.6	140.3	108.7
1998							
January	129.6	128.6	120.1	145.3	124.1	141.1	109.1
February	131.5	130.4	121.7	147.3	125.6	142.9	111.1
March	132.6	131.3	122.5	149.7	126.1	144.2	112.5
April	133.3	132.2	123.1	150.2	125.3	144.5	113.2
May	134.4	133.7	123.7	151.1	125.3	145.0	114.0
June	137.1	136.7	124.7	153.5	125.7	150.2	114.6

Note: Data are as of July 1998.  
Source: National Statistics Office.

**Table 2.15**  
**CONSUMER PRICE INDEX OF FOOD, BEVERAGES AND TOBACCO**  
**FOR METROPOLITAN MANILA AREA**  
**1995 to 1998**  
**(1994=100)**

Period	Food beverages and tobacco	Food										Beverages	Tobacco
		Cereals			Cereal prepa- rations	Dairy Products	Eggs	Fish	Fruits and Vegetables	Meat	Miscella- nous		
		Rice and Corn	Rice	Corn									
1995	109.0	116.2	116.3	115.4	106.2	104.3	101.9	107.8	107.5	104.5	109.2	105.7	104.8
1996	118.7	144.6	145.0	120.4	111.3	109.2	104.4	119.3	126.9	110.1	115.7	115.4	113.0
January	116.2	141.3	141.6	119.8	110.0	107.4	99.9	114.9	124.1	108.3	114.0	111.4	112.2
February	116.4	142.1	142.5	118.0	109.9	108.7	100.1	120.9	117.1	107.1	114.9	111.4	112.8
March	116.6	144.2	144.6	118.2	109.9	109.3	100.0	121.4	115.2	107.4	114.6	114.2	112.6
April	117.5	146.2	146.6	118.7	110.1	109.2	100.2	121.4	115.8	109.0	115.2	115.9	111.9
May	117.8	145.2	145.6	120.2	110.2	109.3	100.6	119.8	118.9	110.4	115.3	116.0	112.8
June	118.5	145.5	145.9	119.5	110.9	109.3	100.9	117.7	122.4	111.6	116.1	116.1	112.9
July	118.2	145.1	145.5	119.9	112.3	109.3	102.8	117.4	118.4	112.0	116.2	116.1	113.0
August	120.8	146.3	146.7	122.6	112.1	109.5	109.5	119.6	140.0	110.8	116.8	116.1	113.3
September	120.1	146.9	147.3	121.8	112.2	109.6	110.7	118.0	132.8	110.8	116.9	116.0	113.5
October	120.5	147.0	147.4	122.7	112.7	109.6	112.7	118.4	136.1	111.0	116.5	116.0	113.4
November	119.8	140.5	140.8	121.0	112.5	109.8	108.2	118.8	139.7	110.5	115.9	117.4	113.5
December	121.4	144.8	145.1	122.2	112.7	109.8	106.6	122.8	142.4	112.1	116.2	117.9	113.8
1997	123.7	147.8	148.1	123.8	117.8	112.2	109.0	128.2	133.4	115.2	120.5	113.4	119.6
January	121.9	146.6	147.0	122.0	113.7	110.3	105.3	123.6	135.1	113.4	117.8	119.1	117.5
February	121.7	146.7	147.1	122.1	114.1	110.7	104.8	123.7	134.4	113.5	116.8	119.2	118.4
March	122.5	147.6	148.0	121.7	114.4	112.6	106.5	126.9	136.5	113.9	117.4	115.1	118.8
April	122.3	147.5	147.9	123.0	114.4	112.9	108.8	125.5	129.7	114.2	119.5	113.6	119.3
May	123.1	146.0	146.3	125.4	114.6	112.9	109.1	125.4	131.5	115.9	121.3	113.7	119.4
June	124.8	146.3	146.7	122.7	121.7	112.2	109.1	130.2	135.1	116.6	121.8	113.3	120.4
July	124.3	148.1	148.5	123.8	121.7	112.0	109.4	128.5	132.1	116.1	121.8	112.2	120.4
August	124.0	150.3	150.7	123.7	122.3	111.2	110.2	126.5	131.3	115.0	121.7	111.1	120.9
September	124.1	149.0	149.4	124.5	117.9	111.4	111.0	126.5	135.2	114.9	122.6	110.2	119.4
October	124.5	148.4	148.8	124.5	118.3	112.8	110.9	130.9	135.1	114.9	121.7	111.0	119.0
November	124.5	148.6	149.0	125.0	120.0	113.5	111.4	131.0	132.0	116.0	121.6	110.6	119.8
December	126.2	147.9	148.2	127.0	120.9	114.1	111.3	139.5	132.5	118.0	122.5	112.0	121.3
1998													
January	127.2	148.6	148.9	128.3	127.3	117.2	111.9	139.6	130.7	117.4	123.9	113.5	126.9
February	127.8	149.1	149.4	130.4	129.3	122.6	112.9	140.2	128.2	117.4	124.4	114.9	131.1
March	129.0	148.7	149.0	131.9	131.3	123.6	113.4	138.8	134.5	119.2	125.0	115.5	130.6
April	130.8	148.8	149.1	130.9	132.8	124.1	113.5	142.9	140.6	120.5	126.0	117.1	131.8
May	136.1	149.7	150.0	131.1	134.6	125.3	113.6	150.7	165.5	127.8	126.7	119.0	131.7
June	137.4	144.3	149.0	149.2	133.2	135.4	126.1	125.0	149.1	175.6	128.2	127.1	119.1

Note: Data are as of July 1998.  
Source: National Statistics Office.

**Table 2.16**  
**RETAIL PRICE INDEX FOR METROPOLITAN MANILA AREA**  
**1990 to 1998**  
**(1978=100)**

Period	All Items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials	Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
1990	512.6	517.1	555.2	439.5	472.0	506.1	546.7	382.8	535.5
1991	609.0	583.8	639.8	517.0	799.0	611.6	653.5	455.8	627.5
1992	640.1	618.1	703.5	555.0	641.7	727.9	653.5	455.8	627.5
1993	653.0	625.9	726.2	551.8	588.0	785.9	731.7	531.4	753.4
1994	699.4	681.9	750.2	588.3	571.8	835.5	780.4	544.0	791.7
1995	751.0	753.3	806.5	586.3	542.9	895.9	795.2	553.1	827.3
1996	796.9	807.7	862.0	597.7	578.8	934.7	810.3	570.2	898.9
January	794.2	815.9	825.5	591.2	544.1	919.4	800.2	562.8	872.0
February	792.1	804.4	835.4	608.7	571.9	925.1	808.2	572.2	892.2
March	794.6	805.9	848.9	605.7	572.1	929.2	812.3	570.7	894.2
April	793.2	802.2	859.7	609.0	572.1	932.5	811.8	571.1	894.2
May	793.1	801.5	868.3	610.3	572.2	931.5	811.1	570.9	893.8
June	796.2	806.1	868.6	610.3	572.2	935.5	810.2	571.3	899.2
July	793.5	801.6	869.3	609.9	572.2	935.0	810.2	570.8	900.1
August	812.5	831.3	870.4	609.5	577.6	941.1	810.6	570.4	904.8
September	802.9	815.2	870.6	580.0	583.4	943.5	812.6	571.2	906.9
October	801.0	811.3	870.3	580.0	589.6	940.2	814.2	570.0	910.2
November	791.0	794.8	875.4	578.3	594.2	942.1	810.9	569.2	908.9
December	798.2	802.6	881.8	579.9	624.5	941.6	811.3	571.8	910.1
1997	812.1	825.3	839.6	560.6	633.5	977.6	813.8	576.7	925.2
January	803.2	808.0	891.3	579.2	635.9	945.3	812.5	572.5	912.4
February	802.9	805.6	891.7	582.1	647.9	953.7	811.8	574.0	914.9
March	809.0	817.5	857.3	582.5	643.1	963.0	817.6	575.3	915.4
April	805.2	813.0	831.2	582.5	645.0	974.0	816.8	575.6	917.1
May	804.4	813.0	833.7	579.2	634.0	970.9	815.9	575.5	919.3
June	810.0	823.7	831.9	574.0	622.1	968.8	815.1	575.9	924.9
July	806.6	820.5	830.2	546.5	622.5	973.0	808.4	575.4	925.4
August	811.3	828.8	818.8	535.6	627.5	974.8	809.2	577.3	925.5
September	818.4	838.4	818.4	538.2	628.4	986.5	813.0	578.1	925.6
October	823.9	844.7	824.9	540.6	632.0	1,000.5	813.0	578.5	936.8
November	822.7	841.9	820.4	543.7	631.9	1,008.5	814.5	580.8	941.4
December	827.6	848.3	825.6	542.7	631.7	1,012.5	817.6	582.0	944.2
1998									
January	827.0	841.7	835.2	543.4	635.5	1,037.3	823.8	601.2	948.9
February	836.3	849.2	848.2	548.3	638.9	1,072.0	835.9	605.8	957.3
March	843.2	859.1	857.9	551.0	628.0	1,096.0	832.9	618.3	957.5
April	854.3	875.5	867.6	553.7	621.2	1,107.1	833.5	618.2	964.5
May	873.0	903.4	875.2	554.2	620.2	1,122.2	837.6	618.7	964.6
June	886.1	921.3	880.3	555.2	632.0	1,133.0	838.8	621.3	977.4

Note: Data are as of September 1998.  
Source: National Statistics Office.

**Table 2.17**  
**RETAIL PRICE INDEX OF SELECTED MATERIALS USED IN CONSTRUCTION**  
**ACTIVITIES IN METROPOLITAN MANILA AREA**  
**1990 to 1998**  
**(1978=100)**

Period	All Items	Carpentry Materials	Electrical Materials	Masonry Materials	Painting Materials	Plumbing Materials	Tinsmithry Materials	Miscellaneous Construction Materials
1990	503.5	565.8	522.7	478.0	397.7	538.5	512.6	438.9
1991	629.7	726.1	604.1	613.6	497.5	657.5	637.3	511.5
1992	653.4	763.7	600.6	649.2	508.7	760.0	585.4	512.2
1993	690.0	896.0	611.2	599.8	510.0	805.0	553.0	528.9
1994	747.9	1,066.5	597.9	607.9	511.9	800.1	541.4	537.2
1995	755.8	1,050.2	614.7	639.6	519.5	795.1	549.8	564.3
1996	763.3	1,048.0	627.5	682.6	534.9	792.3	517.3	569.9
January	752.6	1,033.2	638.4	658.6	532.1	799.6	521.0	561.1
February	762.6	1,040.8	635.4	685.6	538.7	791.4	521.0	571.4
March	767.3	1,042.1	627.7	705.3	534.8	790.2	524.0	572.7
April	768.0	1,050.3	627.0	696.4	532.8	790.3	524.2	572.7
May	766.7	1,050.0	625.6	692.1	531.9	789.3	523.8	572.7
June	764.3	1,050.8	626.7	681.8	532.6	789.8	523.5	570.2
July	764.7	1,051.4	628.7	680.8	533.7	792.7	523.3	570.2
August	763.6	1,051.4	623.3	676.0	536.2	793.0	522.6	570.2
September	764.0	1,054.2	624.5	674.9	535.6	795.3	517.4	570.2
October	764.6	1,049.8	622.8	682.0	536.1	794.9	514.7	575.1
November	760.5	1,043.8	624.3	679.8	536.9	790.0	500.8	575.1
December	760.3	1,057.7	625.8	677.6	537.1	790.5	490.8	556.8
1997	758.3	1,060.3	622.0	659.0	542.0	800.1	507.9	548.4
January	761.6	1,060.7	621.5	674.5	540.0	793.4	495.9	557.3
February	759.3	1,052.1	624.2	675.5	538.6	793.1	498.0	558.5
March	763.6	1,063.1	626.2	675.2	536.8	792.5	512.7	555.1
April	761.2	1,066.8	622.2	666.2	536.8	793.4	508.9	548.5
May	759.3	1,060.3	619.0	665.2	535.9	790.9	511.6	551.0
June	756.4	1,050.2	619.3	665.3	537.1	795.3	509.6	551.8
July	751.9	1,048.9	616.4	652.9	551.3	794.4	509.9	540.3
August	753.6	1,054.2	620.2	653.6	543.3	798.2	512.5	538.4
September	755.8	1,062.9	622.4	642.2	544.2	807.3	511.5	544.4
October	755.8	1,065.5	621.6	640.5	543.6	811.3	504.7	543.8
November	758.9	1,067.4	624.6	648.1	546.4	814.1	507.8	543.8
December	762.1	1,071.5	626.6	649.1	550.5	817.7	511.8	547.3
1998								
January	768.1	1,079.4	633.6	654.6	551.5	819.9	524.3	550.3
February	785.6	1,086.9	647.0	671.9	572.4	850.0	525.1	589.1
March	780.3	1,096.1	647.8	673.1	586.3	878.9	531.7	521.3
April	780.8	1,093.8	649.0	676.4	587.6	884.8	531.6	521.3
May	786.3	1,090.2	650.3	676.6	589.9	885.8	543.4	549.5
June	784.4	1,104.0	651.5	679.0	589.0	885.9	547.0	509.6

Note: Data are as of September 1998.

Source: National Statistics Office.



**Table 2.18**  
**GENERAL WHOLESALE PRICE INDEX FOR METROPOLITAN MANILA AREA**  
**1990 to 1998**  
**(1978=100)**

Period	All Items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials	Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
1990	607.5	747.0	511.6	476.1	578.9	422.5	546.0	489.3	593.2
1991	689.3	830.2	594.8	569.7	634.8	527.5	629.1	533.0	670.0
1992	720.6	863.6	645.4	615.6	614.5	559.9	672.9	540.0	725.1
1993	712.6	849.6	650.1	601.6	579.5	552.9	675.2	552.6	776.3
1994	770.8	953.7	687.5	686.3	568.5	585.4	678.2	555.6	780.9
1995	795.9	1,007.5	750.6	665.8	595.6	580.7	683.3	554.8	794.4
1996	868.3	1,119.9	779.1	751.3	689.5	616.3	699.1	557.2	840.1
January	859.8	1,135.4	771.7	708.6	615.3	593.6	692.6	557.7	815.4
February	851.5	1,111.5	770.9	710.1	626.3	594.5	696.9	557.7	815.4
March	853.3	1,112.6	769.7	712.0	622.1	600.1	702.5	557.7	818.9
April	861.8	1,103.9	771.4	767.3	665.5	623.9	700.1	557.7	818.9
May	869.3	1,123.1	779.2	770.4	648.1	627.5	699.0	557.7	818.9
June	881.7	1,140.2	779.2	796.6	653.6	639.5	699.8	557.8	831.6
July	870.7	1,122.6	779.4	773.0	663.7	622.4	698.3	556.8	844.9
August	893.4	1,182.6	780.8	746.8	678.3	620.0	699.1	556.7	844.9
September	879.2	1,136.7	780.1	749.5	740.6	611.7	699.7	556.7	862.3
October	869.2	1,095.7	787.7	759.9	794.4	622.3	700.5	556.7	870.0
November	857.6	1,072.7	789.3	760.0	769.5	619.8	700.9	556.7	869.9
December	871.9	1,102.0	789.7	761.3	796.0	620.3	700.2	556.7	869.9
1997	872.8	1,119.2	781.1	738.4	763.1	614.3	703.4	563.1	883.1
January	884.5	1,127.4	793.2	764.8	812.7	623.4	698.5	556.7	874.4
February	881.3	1,121.0	796.4	774.7	747.5	645.1	704.8	557.8	876.5
March	873.4	1,171.6	787.7	757.4	714.6	623.8	707.9	557.8	876.3
April	854.8	1,084.1	784.5	743.0	679.1	610.7	708.1	557.8	880.5
May	862.2	1,113.2	784.4	719.1	684.4	598.6	703.3	557.8	882.6
June	859.5	1,103.7	778.7	724.3	694.0	598.2	703.8	558.8	882.0
July	854.6	1,098.0	778.0	726.4	672.5	601.1	698.5	558.8	882.7
August	860.1	1,103.9	779.3	711.1	733.9	592.2	700.2	559.9	883.6
September	880.0	1,134.0	775.0	721.3	795.1	599.0	700.8	570.7	887.1
October	884.2	1,114.6	771.5	745.8	876.8	627.4	702.2	573.6	887.2
November	884.1	1,122.5	771.4	735.9	846.5	620.3	707.1	573.6	890.4
December	895.1	1,136.3	773.2	736.6	900.5	631.6	706.1	573.6	893.5
1998									
January	908.3	1,160.0	791.8	765.6	809.2	679.1	713.5	584.5	906.2
February	912.5	1,161.7	797.0	769.4	803.7	684.5	723.0	600.7	911.4
March	915.6	1,191.9	801.7	776.4	666.0	681.6	723.7	600.7	914.0
April	933.1	1,225.3	801.8	783.9	699.7	685.8	721.2	601.6	914.8
May	948.3	1,246.0	811.5	808.0	705.6	711.4	721.0	605.9	920.1
June	955.1	1,246.6	811.9	831.4	719.9	728.6	724.8	607.6	926.4

Note: Data are as of August 1998.

Source: National Statistics Office.

**Table 2.19**  
**CONSTRUCTION MATERIALS WHOLESALE PRICE INDEX IN METRO MANILA**  
**1990 to 1998**  
**(1985 = 100)**

Period	All Items	Sand, Stone and Gravel	Cement	Lumber	Plywood	Wood Products
1990	157.5	221.9	157.9	176.2	134.5	165.7
1991	182.6	258.3	193.0	208.5	163.6	202.8
1992	189.3	265.4	200.7	221.2	177.0	218.1
1993	191.4	281.7	176.1	236.0	193.7	227.3
1994	200.6	300.9	179.8	264.9	208.2	231.4
1995	208.2	312.0	196.0	268.0	211.7	233.6
1996	214.5	330.5	214.7	270.4	212.7	248.5
January	211.2	318.3	203.7	267.2	213.1	245.5
February	212.7	325.4	217.6	267.2	213.1	245.5
March	214.5	327.2	231.7	267.8	213.1	248.0
April	214.6	327.2	224.2	269.8	213.0	249.3
May	214.8	328.9	220.3	270.5	213.0	250.0
June	214.6	331.2	214.5	270.5	213.3	250.0
July	213.7	329.4	209.5	268.8	209.7	250.0
August	215.1	335.2	208.2	272.7	209.2	248.7
September	215.2	335.2	208.7	272.7	213.9	248.7
October	215.9	335.8	212.5	272.7	213.6	248.7
November	216.0	335.8	213.7	272.7	213.6	248.7
December	216.0	335.8	211.5	272.7	213.6	248.7
1997	219.5	343.5	198.3	277.7	215.5	254.2
January	219.4	340.4	209.7	277.5	216.2	250.5
February	220.0	341.2	210.3	278.1	216.2	251.9
March	219.9	341.5	210.0	278.1	216.2	251.9
April	219.5	341.5	204.5	278.1	216.4	251.9
May	219.3	342.3	201.2	278.1	216.2	254.5
June	219.1	343.5	200.1	277.4	213.3	254.5
July	218.6	345.7	193.9	277.4	209.7	254.5
August	218.8	345.7	193.3	277.4	209.2	255.8
September	218.8	344.9	187.5	278.4	217.8	255.8
October	218.8	344.9	188.4	277.7	217.5	255.8
November	220.7	344.9	189.1	276.8	218.9	256.8
December	221.0	344.9	191.3	276.8	218.8	256.8
1998						
January	223.5	355.4	193.0	282.2	223.8	260.0
February	227.5	358.2	194.1	284.6	223.8	260.0
March	227.7	360.2	190.5	285.0	224.0	260.0
April	227.8	362.6	188.3	285.2	223.1	261.4
May	227.9	364.4	187.6	285.2	223.1	261.4
June	228.4	363.7	189.2	285.6	223.1	265.2

Table 2.19 (continued)

Fuel and Lubricants	Asphalt	Glass and Glass Products	Hardware	Metal Pipes	PVC Pipes	Concrete Products
104.8	124.7	139.6	145.3	160.9	168.6	160.5
152.1	189.8	155.7	175.8	184.1	188.9	183.8
131.6	163.0	158.0	183.8	200.3	180.0	205.3
127.5	163.0	157.5	183.4	208.6	181.3	205.3
126.7	163.0	158.4	185.1	207.3	186.7	207.1
124.5	163.0	158.1	184.5	209.0	200.3	219.9
133.0	163.0	156.0	184.8	210.6	200.5	229.4
124.7	163.0	158.1	185.3	209.4	198.9	222.1
132.3	163.0	158.1	185.3	210.5	198.9	222.1
132.3	163.0	158.1	186.1	210.5	198.9	224.1
132.3	163.0	158.1	185.6	210.5	198.9	226.0
132.3	163.0	158.1	185.6	210.5	198.9	227.3
132.3	163.0	158.1	185.7	210.5	198.9	227.9
132.3	163.0	153.8	184.5	209.4	198.5	232.4
132.4	163.0	153.8	184.4	209.4	204.9	234.1
131.9	163.0	153.8	184.4	209.4	204.9	234.3
136.1	163.0	153.8	183.4	212.5	201.5	234.3
136.1	163.0	153.8	183.6	212.5	201.5	234.3
141.3	163.0	153.8	183.6	212.5	201.5	234.3
140.8	163.0	154.7	183.7	215.5	224.1	247.1
143.2	163.0	155.1	182.6	212.5	221.2	243.5
142.2	163.0	154.2	182.6	212.5	221.1	247.2
139.5	163.0	154.2	182.6	212.5	221.1	247.2
138.6	163.0	154.2	182.6	212.5	221.1	247.2
137.8	163.0	154.2	182.6	212.5	221.1	247.2
137.4	163.0	154.2	182.6	212.5	221.1	247.1
137.5	163.0	154.2	181.9	212.5	221.1	247.6
140.3	163.0	154.2	182.9	212.5	221.1	247.6
141.1	163.0	154.2	184.1	216.2	226.2	247.6
143.9	163.0	154.2	185.4	223.4	226.2	247.6
143.9	163.0	156.9	187.2	223.4	234.0	247.6
143.9	163.0	156.9	187.2	223.4	234.0	247.6
147.6	163.0	158.7	189.1	227.6	234.6	247.5
151.1	163.0	158.7	190.7	227.6	245.6	248.0
146.1	163.0	158.7	194.6	231.7	245.6	248.5
143.7	163.0	158.7	194.6	231.7	245.6	248.5
143.0	163.0	158.7	193.8	231.7	245.4	248.5
144.5	163.0	158.7	195.0	231.7	245.4	248.5

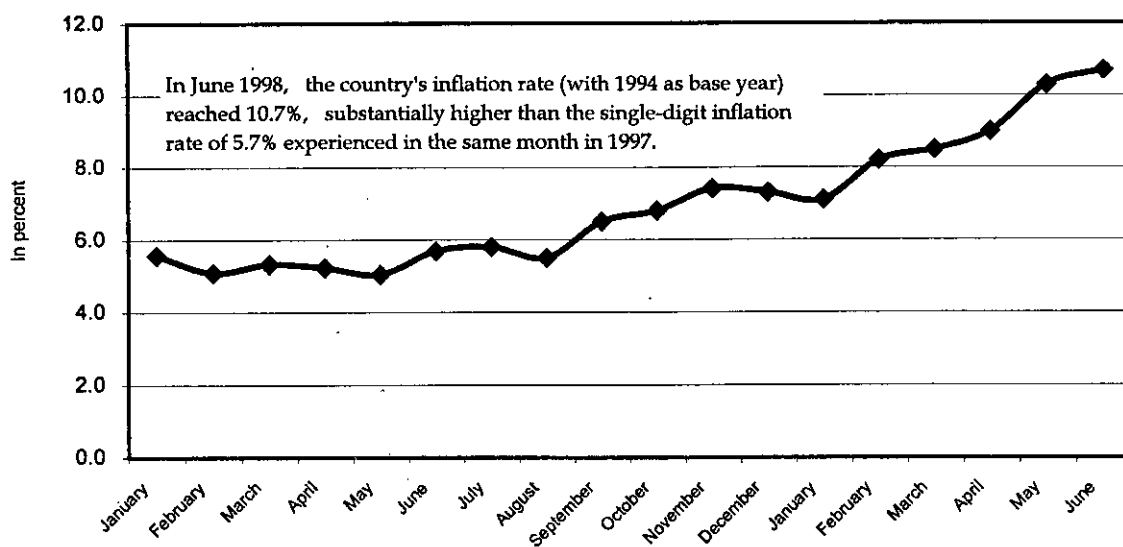
**Table 2.19 (continued)**  
**CONSTRUCTION MATERIALS WHOLESALE PRICE INDEX IN METRO MANILA**  
**1990 to 1998**  
**(1985 = 100)**

Period	Plumbing Fixtures	Paints	Reinforcing Steel	Structural Steel	G.I. Steel	Aluminum and Other Metal Products
1990	148.1	102.1	171.3	142.3	156.4	118.6
1991	180.5	124.1	182.7	157.1	178.1	125.2
1992	183.0	124.2	187.6	153.2	170.3	125.0
1993	183.7	125.2	189.3	147.0	160.9	127.7
1994	183.7	126.1	188.5	152.5	164.0	129.9
1995	182.9	127.5	198.5	163.1	167.4	133.1
1996	179.2	131.6	207.0	168.3	171.1	168.6
January	178.7	130.8	205.2	167.2	172.6	168.6
February	178.7	130.8	205.2	167.2	172.6	168.6
March	178.7	130.2	207.4	168.1	172.6	168.6
April	178.7	130.8	207.4	168.1	172.9	168.6
May	178.7	131.2	207.4	168.1	172.9	168.6
June	178.7	131.2	207.4	168.1	172.9	168.6
July	178.7	130.7	207.4	168.1	169.0	168.6
August	179.9	131.5	207.4	167.8	169.5	168.6
September	179.9	131.6	207.4	167.8	169.5	168.6
October	180.0	133.4	207.4	169.7	169.5	168.6
November	180.0	133.4	207.4	169.7	169.5	168.6
December	180.0	133.4	207.4	169.7	169.5	168.6
1997	180.2	133.3	208.5	176.9	169.6	168.6
January	180.2	133.3	207.4	176.9	169.9	168.6
February	180.2	133.2	207.4	176.9	169.5	168.6
March	180.2	133.2	207.4	176.9	169.5	168.6
April	180.2	133.2	207.4	176.9	169.5	168.6
May	180.2	133.1	207.4	176.9	169.5	168.6
June	180.2	132.8	207.4	176.9	169.5	168.6
July	180.2	132.8	207.4	175.1	169.5	168.6
August	180.2	132.9	207.4	175.1	169.5	168.6
September	180.2	132.9	207.4	175.1	169.8	168.6
October	180.1	133.3	207.4	175.1	169.8	168.6
November	180.4	133.5	214.1	180.6	169.8	168.6
December	180.4	135.4	214.4	180.6	169.8	168.6
1998						
January	180.6	136.8	213.2	182.8	169.4	168.6
February	181.3	138.4	228.2	188.3	170.8	168.6
March	189.2	139.3	228.2	188.3	170.8	168.6
April	188.9	139.4	228.2	188.3	170.8	168.6
May	187.7	139.4	228.2	188.3	170.8	168.6
June	187.8	139.4	228.2	189.9	171.3	168.6

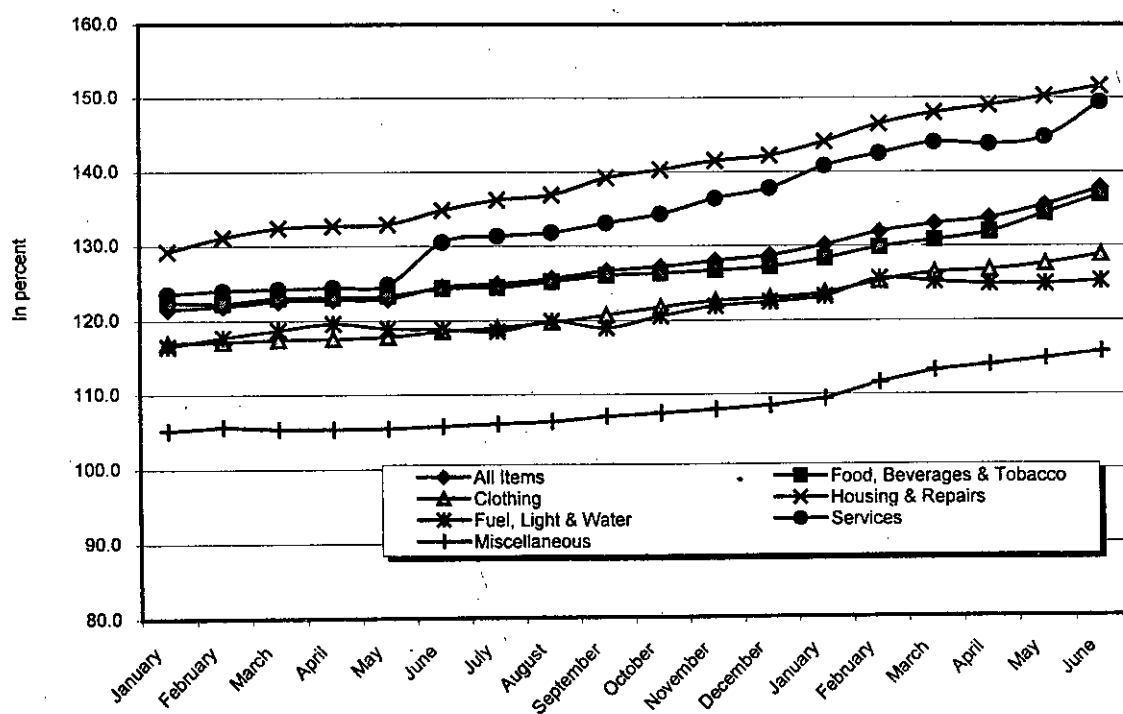
Table 2.19 (continued)

Exterior Electrical Equipments/ Supplies	Interior Electrical Fixtures & Devices	Tileworks	Blasting Materials	Machinery and Equipment Rental	Electrical Rough-in Materials	UPVC Water Pipes
128.2	130.7	121.4	112.2	182.8	134.2	177.8
140.3	154.6	153.5	127.0	182.8	148.6	199.3
208.9	156.9	159.1	129.2	182.8	157.3	178.7
222.1	159.8	155.4	129.2	254.8	162.0	177.1
224.4	164.8	156.2	129.2	254.8	167.8	184.8
223.1	166.5	178.1	129.2	254.8	169.0	209.5
232.1	166.4	178.9	129.2	254.8	168.0	210.6
232.2	168.1	179.2	129.2	254.8	170.2	206.5
232.2	168.1	179.6	129.2	254.8	170.2	206.5
232.2	166.6	180.2	129.2	254.8	168.6	206.5
232.2	166.6	180.2	129.2	254.8	168.6	206.5
232.2	166.2	180.2	129.2	254.8	168.1	206.5
232.2	166.6	180.2	129.2	254.8	168.1	206.5
230.8	164.7	176.7	129.2	254.8	165.7	205.8
231.8	164.6	178.0	129.2	254.8	166.1	216.4
232.9	164.9	178.0	129.2	254.8	166.5	216.4
232.3	166.5	178.0	129.2	254.8	167.7	216.4
232.3	166.9	178.5	129.2	254.8	168.1	216.4
232.3	166.9	178.5	129.2	254.8	168.1	216.4
236.3	168.9	179.1	129.2	254.8	170.4	219.1
232.3	168.0	179.5	129.2	254.8	169.0	216.4
232.3	167.2	179.5	129.2	254.8	167.6	216.3
232.3	166.2	179.3	129.2	254.8	166.3	216.3
232.3	166.2	179.3	129.2	254.8	166.3	216.3
232.3	166.2	178.9	129.2	254.8	166.3	216.3
232.2	168.9	179.0	129.2	254.8	169.4	216.3
240.0	170.0	179.0	129.2	254.8	170.8	216.3
240.0	170.0	179.0	129.2	254.8	170.8	216.3
240.0	170.2	179.0	129.2	254.8	173.6	224.7
240.0	169.7	179.0	129.2	254.8	173.6	224.7
240.4	171.9	179.0	129.2	254.8	175.8	224.7
241.0	171.9	179.0	129.2	254.8	175.8	224.7
255.5	172.4	178.5	129.2	254.8	176.1	225.7
255.5	173.8	179.4	129.2	254.8	177.5	230.9
255.5	174.0	179.4	129.2	254.8	177.5	230.9
261.7	175.0	179.4	129.2	254.8	177.9	230.9
261.7	179.2	179.4	129.2	254.8	183.5	230.6
261.3	179.4	179.5	129.2	254.8	183.8	230.6

**Figure 2.7 MONTHLY INFLATION RATE, PHILIPPINES:**  
January 1997 to June 1998, (1994=100)



**Figure 2.8 MONTHLY CONSUMER PRICE INDEX (CPI) FOR ALL INCOME HOUSEHOLDS BY MAJOR COMMODITY GROUP, PHILIPPINES:**  
January 1997 to June 1998, (1994=100)



**Table 2.20**  
**PRODUCER'S PRICE INDEX FOR AGRICULTURE, PHILIPPINES**  
**1995 to 1997**  
**(1994=100)**

Commodity	1995	1996	1997
All Commodities	109.9	121.3	119.3
Cereals	133.4	144.0	139.8
Palay	135.3	149.5	146.5
Corn	128.3	127.9	120.9
Vegetables & Legumes	98.4	126.5	114.5
Ampalaya	95.2	104.7	103.1
Cabbage	132.9	146.5	149.2
Camote tops	115.4	113.2	121.0
Carrots	100.5	153.7	129.5
Eggplant	104.5	118.6	118.0
Garlic	129.3	182.9	99.4
Ginger	112.2	255.8	621.0
Gourd	85.9	108.8	133.2
Habitchuelas	120.7	140.4	125.7
Mongo	144.8	206.2	187.0
Onion	64.7	106.3	71.0
Onion Leeks/spring	120.7	132.4	166.1
Patola	104.7	90.7	106.3
Peanut	103.9	98.6	110.0
Pechay	114.0	131.3	138.1
Potato	98.4	143.9	124.8
Squash	108.1	120.0	112.7
Stringbeans	99.4	111.8	123.1
Tomato	68.2	69.2	82.4
Rootcrops	122.2	152.8	152.2
Camote	113.2	130.8	129.6
Cassava	126.4	167.2	165.3
Gabi	137.1	142.1	147.3
Fruits	90.8	116.8	114.3
Banana	94.0	101.5	111.3
Calamansi	113.4	118.0	98.8
Mango	86.4	135.3	95.3
Papaya	131.1	146.7	102.5
Pineapple	84.7	110.9	153.5
Watermelon	133.4	180.0	130.1
Commercial crops	107.3	123.1	116.6
Abaca	102.6	95.0	90.1
Coconut	93.5	123.4	115.5
Coffee	122.3	107.0	98.0
Rubber	149.0	116.4	101.3
Sugarcane	146.6	146.6	129.6
Tobacco	141.8	134.8	201.1
Livestock	103.5	111.9	115.0
Carabao	91.9	94.0	95.2
Cattle	92.3	99.0	96.1
Goat	105.0	116.5	125.0
Hog	106.5	115.4	119.7
Poultry	96.0	96.7	97.8
Chicken	94.2	94.1	94.9
Chicken eggs	99.8	104.2	106.8
Duck	106.7	109.5	111.1
Duck eggs	102.8	106.4	108.4

Source: Bureau of Agricultural Statistics.

**Table 2.21**  
**PRODUCER'S PRICE INDEX FOR MANUFACTURING, PHILIPPINES**  
**1993 to 1998**  
**(1992 = 100)**

Period	Total Manufacturing	Food Manufacturing	Other Food Manufacturing	Beverage	Tobacco	Textile
1993	101.47	110.22	100.08	103.85	109.62	100.08
1994	105.63	114.30	111.01	107.98	126.15	91.93
1995	110.15	119.33	118.07	119.25	129.44	94.74
1996	114.64	126.94	127.99	127.26	133.03	92.74
January	113.12	123.50	125.82	122.65	132.99	96.32
February	114.22	124.73	126.94	127.68	132.34	94.50
March	114.29	125.40	127.12	127.68	132.85	94.01
April	114.18	125.50	127.59	127.68	133.12	94.19
May	114.65	127.76	127.28	127.68	133.28	93.45
June	115.00	127.84	130.60	127.68	132.99	92.90
July	114.85	128.29	130.49	127.68	132.99	91.98
August	114.62	127.87	130.97	127.68	133.28	91.23
September	114.49	127.79	130.62	127.68	132.95	91.22
October	114.75	127.35	127.62	127.68	133.10	91.50
November	115.46	128.25	125.89	127.68	133.36	90.97
December	116.09	128.97	124.95	127.68	133.16	90.61
1997	118.69	128.08	122.75	114.71	158.89	88.78
January	116.21	126.94	120.73	119.05	154.59	91.43
February	116.71	126.19	121.64	119.05	159.72	88.44
March	117.90	127.37	120.28	113.80	159.23	89.41
April	117.54	127.65	119.84	113.80	159.23	87.87
May	117.35	127.20	120.35	113.80	159.17	87.50
June	116.88	127.84	121.48	113.80	159.24	87.36
July	116.68	126.00	122.23	113.80	159.24	88.09
August	118.49	126.80	121.37	114.16	159.24	88.90
September	119.65	127.84	122.89	113.80	159.24	88.02
October	120.96	129.54	122.95	113.80	159.24	88.65
November	122.34	131.82	128.03	113.80	159.24	90.08
December	123.54	131.71	131.19	113.80	159.24	89.62
1998						
January	130.99	140.71	139.83	126.56	166.28	92.85
February	132.53	140.16	140.70	126.56	166.28	94.68
March	130.23	140.61	140.58	126.56	166.28	96.50
April	130.78	139.12	142.96	128.26	167.48	96.68
May	131.42	139.94	142.13	129.97	167.48	96.91
June	132.06	139.78	142.12	129.97	167.48	96.22



Table 2.21 (continued)

Wearing Apparel	Leather & Leather Products	Footwear	Wood & Wood Products	Furniture and Fixtures	Pulp, Paper and Paperboard	Printing and Publishing	Industrial Chemicals	Other Chemical Products
102.06	143.18	100.13	103.35	106.08	97.85	98.94	97.77	104.49
107.32	142.64	104.88	149.22	104.14	100.98	102.52	104.07	111.59
119.80	147.93	131.04	154.78	108.40	108.14	126.67	109.74	115.82
140.52	157.89	164.68	155.41	108.13	119.92	135.21	110.37	118.76
131.78	156.06	133.87	154.60	108.13	115.37	131.91	108.65	118.32
133.74	155.86	167.48	153.23	108.13	109.36	133.91	111.06	118.74
135.21	157.18	167.48	155.64	108.13	110.58	133.45	113.69	118.59
137.19	157.18	167.48	155.18	108.13	109.59	133.98	113.15	117.26
138.83	157.18	167.48	155.96	108.13	118.98	133.95	114.38	117.64
138.42	158.75	167.48	153.19	108.13	127.31	133.96	111.71	118.97
138.76	158.75	167.48	155.83	108.13	125.41	136.94	110.28	118.95
140.15	158.75	167.48	154.45	108.13	126.49	136.94	109.59	118.98
140.62	158.75	167.48	155.22	108.13	126.66	136.94	108.79	119.69
140.88	158.75	167.48	156.45	108.13	121.84	136.90	108.75	118.96
155.34	158.75	167.48	157.57	108.13	126.58	136.93	107.95	119.41
155.36	158.75	167.48	157.60	108.13	120.82	136.73	106.39	119.57
185.99	156.55	209.63	163.64	109.32	146.87	136.14	118.81	124.56
157.70	156.55	167.48	156.29	109.16	135.20	133.69	115.31	120.65
176.24	156.55	168.35	150.63	109.16	139.94	133.67	113.80	123.24
171.90	156.55	174.83	155.89	109.16	145.96	133.63	119.59	123.41
179.68	156.55	174.83	153.81	109.16	148.05	133.63	117.95	126.02
168.02	156.55	174.83	157.25	109.16	148.93	133.69	113.03	124.12
173.52	156.55	174.83	153.52	109.14	144.97	133.67	116.28	124.09
186.83	156.55	246.73	158.31	109.16	146.95	133.64	119.61	124.15
182.59	156.55	246.73	172.07	109.16	149.87	133.85	120.47	124.85
187.11	156.55	246.73	173.99	109.16	147.23	141.01	118.47	124.63
200.84	156.55	246.73	179.30	110.11	150.67	141.11	122.65	125.33
220.57	156.55	246.73	179.30	109.20	150.81	141.11	124.23	126.11
226.86	156.55	246.73	173.30	110.14	153.80	141.01	124.28	128.12
327.27	184.14	246.73	179.46	115.91	163.79	144.13	143.42	132.61
306.23	184.14	246.73	179.46	115.91	156.23	144.13	146.22	139.39
289.02	184.14	246.73	179.46	115.91	157.95	144.13	145.01	141.11
276.37	184.14	246.73	179.46	115.91	160.47	145.39	146.27	141.38
275.82	184.14	246.73	179.46	115.91	163.03	145.39	147.22	141.45
300.92	180.63	248.55	179.46	115.91	163.01	145.39	146.86	141.82

**Table 2.21 (continued)**  
**PRODUCER'S PRICE INDEX FOR MANUFACTURING, PHILIPPINES**  
**1993 to 1998**  
**(1992 = 100)**

Period	Petroleum Refineries	Miscellaneous Petroleum	Rubber Products	Plastic Products	Other Non- metallic Products	Glass and Glass Products
1993	94.10	100.32	97.26	99.58	107.89	103.81
1994	94.10	102.00	97.42	101.61	105.74	102.18
1995	94.10	102.00	104.16	102.54	101.64	104.75
1996	92.71	107.50	105.36	109.38	103.66	102.85
January	90.09	107.50	104.94	106.07	102.19	104.85
February	92.18	107.50	105.57	105.19	103.33	106.02
March	92.18	107.50	105.57	106.62	104.09	105.34
April	92.18	107.50	105.57	109.76	104.09	105.60
May	92.18	107.50	105.57	108.45	104.12	103.97
June	92.18	107.50	105.57	111.53	104.12	103.97
July	92.18	107.50	105.57	109.04	103.78	103.49
August	90.60	107.50	105.57	111.26	103.73	105.17
September	90.60	107.50	105.57	111.72	103.73	99.54
October	92.68	107.50	104.93	111.63	103.57	100.29
November	94.84	107.50	104.93	111.48	103.57	97.96
December	100.67	107.50	104.93	109.83	103.57	97.96
1997	109.06	107.79	101.35	111.40	102.14	96.35
January	104.72	107.08	101.35	106.98	104.03	103.23
February	104.72	107.08	101.35	108.64	104.03	99.16
March	112.71	107.08	101.35	109.40	103.23	97.70
April	111.39	107.08	101.35	109.96	103.45	98.96
May	109.80	107.08	101.35	110.03	103.69	98.96
June	104.96	107.08	101.35	110.94	103.69	95.25
July	99.23	107.08	101.35	111.73	103.49	94.37
August	109.35	107.08	101.35	111.73	97.44	95.01
September	111.94	109.22	101.35	113.01	100.12	95.90
October	113.28	109.22	101.35	113.01	101.07	94.79
November	113.28	109.22	101.35	115.86	100.64	91.87
December	113.28	109.22	101.35	115.45	100.75	91.00
1998						
January	120.23	117.51	100.89	118.41	98.28	99.90
February	120.19	117.51	100.74	118.41	99.39	103.92
March	109.57	117.51	104.97	117.94	99.39	104.58
April	108.78	117.51	105.92	116.97	99.14	105.24
May	110.18	117.51	107.65	119.45	99.14	104.07
June	110.18	117.51	107.43	118.35	99.14	105.31

Note: Data are as of August 1998.

Source: National Statistics Office.

Table 2.21 (continued)

Cement	Iron and Steel	Non-Ferrous Metal	Fabricated Metal Products	Machinery	Electrical Machinery	Transport Equipment	Other Manufacturing Industries
93.31	92.59	104.53	98.29	100.02	107.61	99.96	107.88
96.86	88.89	119.87	98.18	99.29	108.77	99.76	99.86
107.57	100.32	113.64	102.13	101.65	112.71	100.81	105.13
120.57	107.48	122.97	109.26	103.29	116.05	102.78	109.06
110.56	110.24	127.77	112.31	102.26	115.94	103.06	113.25
117.87	110.92	128.81	111.59	101.38	115.54	103.21	113.29
120.80	110.71	126.34	112.08	101.38	114.23	102.92	110.78
120.02	110.01	123.85	109.33	102.28	113.98	102.80	109.39
119.24	108.57	123.03	108.59	104.27	115.39	103.10	109.96
120.13	107.29	120.42	107.71	104.27	115.77	103.05	112.35
120.13	107.20	118.92	107.61	104.27	116.02	103.25	105.25
119.49	107.02	119.40	108.42	104.27	116.38	102.93	106.88
123.66	103.40	121.02	108.59	104.27	117.13	102.16	106.94
124.54	106.01	121.50	108.81	103.27	117.41	102.59	107.00
125.19	105.47	121.92	107.48	103.79	117.37	102.14	108.23
125.19	102.93	122.63	108.54	103.79	117.38	102.14	105.42
118.98	111.69	117.04	115.99	104.59	117.50	100.66	109.99
124.20	104.76	118.39	113.22	103.80	115.01	99.89	105.29
125.15	103.52	118.22	113.78	103.80	115.21	100.61	105.39
125.80	102.67	118.77	109.22	103.74	117.43	100.58	106.65
122.05	98.82	115.22	109.45	103.74	117.14	100.51	106.73
120.14	105.94	116.56	109.43	103.74	117.63	100.47	106.58
118.67	105.94	117.80	110.08	103.74	116.62	100.18	110.70
117.46	111.24	109.67	110.42	103.77	118.80	100.59	108.50
115.47	113.91	111.79	116.80	103.73	117.41	100.33	104.53
115.10	117.00	115.54	123.80	103.87	118.00	100.08	116.85
114.57	123.64	118.12	125.10	106.31	117.93	100.25	113.67
114.57	125.46	118.02	125.23	107.43	118.24	101.68	113.61
114.57	127.34	126.33	125.32	107.43	120.57	102.79	121.40
112.87	126.88	125.37	173.93	113.12	130.35	109.09	122.93
112.87	137.58	136.12	162.11	115.20	133.62	110.16	126.13
108.86	138.21	130.81	161.10	114.16	132.88	106.97	125.26
105.89	135.47	134.02	162.13	114.16	135.59	110.73	126.57
102.34	138.66	134.80	162.08	116.45	135.85	111.14	123.57
102.34	140.32	134.80	162.08	117.45	135.85	114.14	124.13

### 3 ECONOMIC ACCOUNTS

The economic accounts presented in this chapter quantify the magnitude of transactions taking place in the economy especially those relating to the production and consumption of goods and services, the inter-industry linkages and their transfer of income or capital between sectors of the economy. These accounts are better known as the national accounts statistics and the input-output tables.

National accounts statistics provide various users with a comprehensive description of the country's economic performance during a given period both at the national and regional level. First, the statistics give a measure of economic growth for a particular period, both in current and in real terms, the rate of such growth, and the pace of development given the country's population growth. Second, they portray whether the country's economic structure is predominantly agricultural or industrial. The accounts likewise indicate which sector of the economy contributes greatly to the Gross National Product and which shows the greatest growth potential. Third, they present to economic planners, business executives, and the populace as a whole, a set of macroeconomic indicators which are essential in planning and decision-making. Fourth, they indicate the various uses of the nation's output by sector, by industry or by household, the distribution of the national income by type and source of income, and the disposition or expenditure of such income by sector. Summing up, national accounts statistics present insights into the aggregate as well as sectoral performance of the economy for a given period that are necessary for policy formulation, planning and analytical purposes.

The input-output tables, on the other hand, describe the technological relations between physical inputs and outputs in the production process expressed in money terms. They reflect the total production of each industry as well as the final product of the economy as a whole. For each industry, the amount purchased from other industries is measured in relation to the industry's own production and the allocation of its output to other industries or sectors. The tables are useful for analytical purposes, as in price-cost analysis, and for measuring the input requirements of various industries based on estimates of final demand.

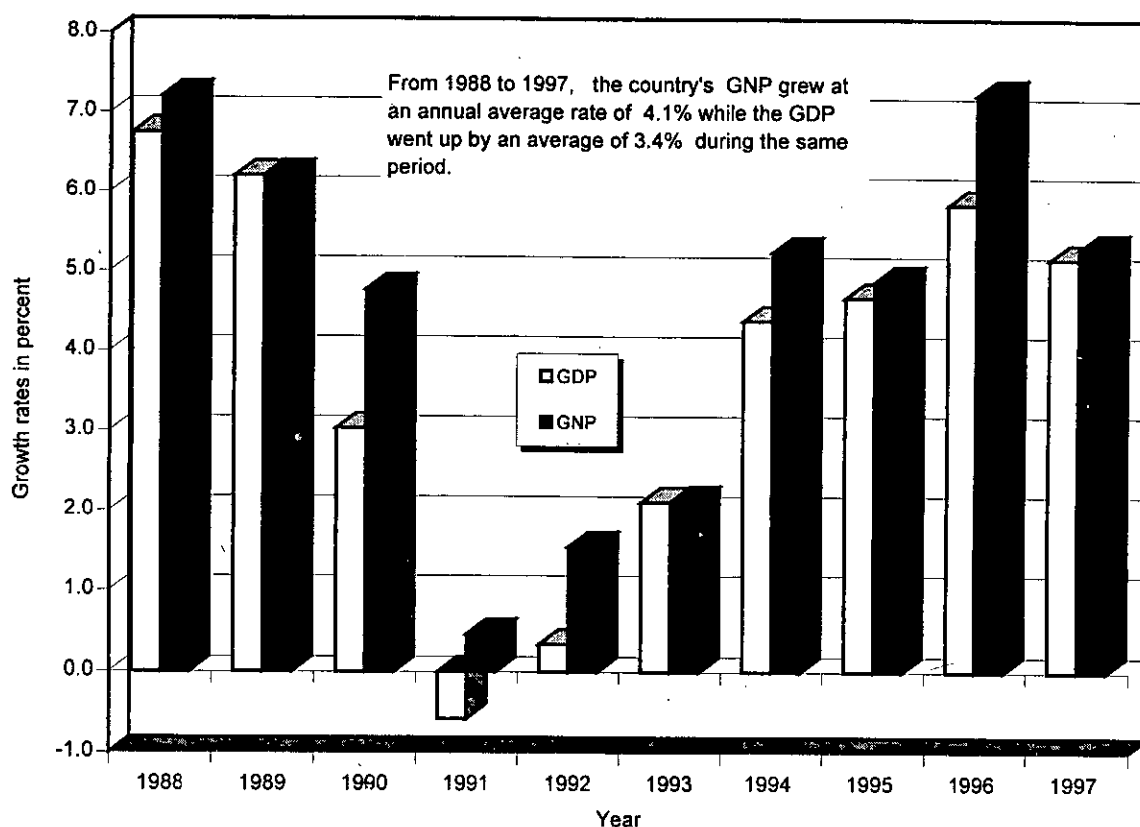
The major responsibility for the preparation of the national income accounts and the input-output tables is lodged with the National Statistical Coordination Board.

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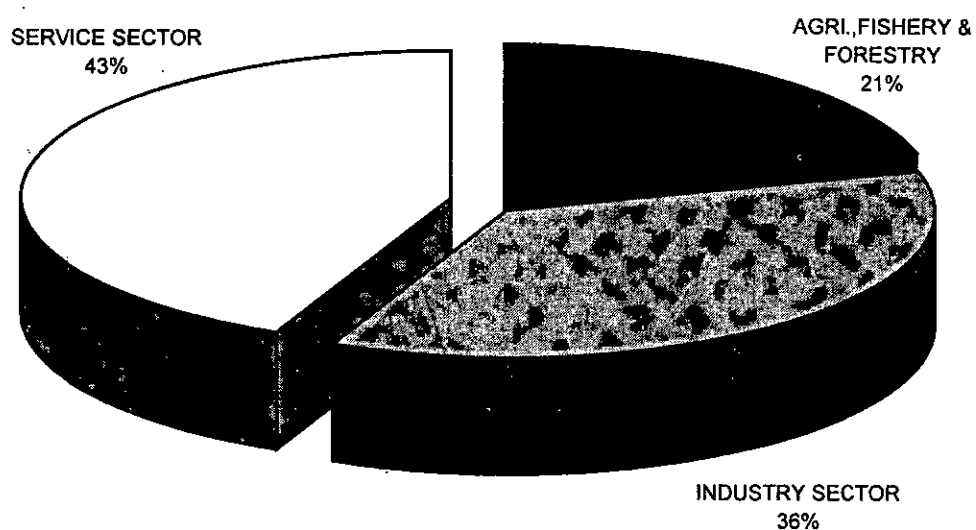
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**Figure 3.1 GROSS NATIONAL PRODUCT (GNP) AND GROSS DOMESTIC PRODUCT (GDP): 1988 to 1997**  
(At Constant 1985 Prices)



**Figure 3.2 GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN: 1997**  
(At Constant 1985 Prices)





**Table 3.1**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY EXPENDITURE SHARES**  
**1984 to 1997**  
**(In million pesos : at current prices)**

Type of Expenditure	1984	1985	1986	1987	1988
1. Personal consumption expenditures	362,257	420,832	444,529	482,330	558,765
2. Government consumption	36,880	43,520	48,431	57,333	72,183
3. Capital formation	106,719	82,047	92,777	119,476	149,193
A. Fixed capital	121,003	94,168	97,710	112,663	142,226
1. Construction	75,364	51,242	49,469	59,333	72,226
2. Durable equipment	37,897	33,261	39,091	42,112	56,951
3. Breeding stocks & orchard development	7,742	9,665	9,150	11,218	13,049
B. Changes in stocks	(14,284)	(12,121)	(4,933)	6,813	6,967
4. Exports	126,002	137,341	160,309	181,903	226,910
5. Less : Imports	131,504	125,205	136,235	179,030	215,292
6. Statistical discrepancy	24,127	13,348	(924)	20,752	7,423
Gross Domestic Product	524,481	571,883	608,887	682,764	799,182
Net factor income from abroad	(20,661)	(20,455)	(20,496)	(17,321)	(17,113)
Gross National Product	503,820	551,428	588,391	665,443	782,069

Note: Data for the years 1984 to 1994 are from the Annual Link Series of the Philippine National Accounts (as of January 1997). The 1995 to 1997 data are updates as of May 1998.

Source: National Statistical Coordination Board.

**Table 3.2**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY EXPENDITURE SHARES**  
**1984 to 1997**  
**(In million pesos : at constant 1985 prices)**

Type of Expenditure	1984	1985	1986	1987	1988
1. Personal consumption expenditures	425,767	420,832	434,815	452,386	480,562
2. Government consumption	43,971	43,520	43,669	45,792	49,943
3. Capital formation	120,398	82,047	90,301	108,085	123,960
A. Fixed capital	137,461	94,168	95,083	101,627	118,252
1. Construction	83,318	51,242	47,753	51,745	58,454
2. Durable equipment	45,043	33,261	37,827	40,124	49,635
3. Breeding stocks & orchard development	9,100	9,665	9,503	9,758	10,163
B. Changes in stocks	(17,063)	(12,121)	(4,782)	6,458	5,708
4. Exports	163,638	137,341	160,571	171,531	196,458
5. Less : Imports	145,934	125,205	138,021	177,532	212,357
6. Statistical discrepancy	9,122	13,348	88	16,661	20,015
Gross Domestic Product	616,962	571,883	591,423	616,923	658,581
Net factor income from abroad	(24,268)	(20,455)	(19,931)	(16,016)	(14,352)
Gross National Product	592,694	551,428	571,492	600,907	644,229

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.1 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
649,276	767,061	916,384	1,019,209	1,122,528	1,258,750	1,411,904	1,595,346	1,762,008
88,186	108,843	123,885	130,524	149,057	182,776	217,045	259,501	315,292
199,900	260,165	252,327	288,401	353,595	407,367	427,896	521,605	601,953
192,665	248,954	250,147	282,783	350,543	400,139	423,197	508,745	593,284
98,421	129,624	119,858	132,356	148,860	165,202	183,740	230,508	270,446
79,030	101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894
15,214	17,362	20,768	23,997	24,794	27,375	29,685	33,067	37,944
7,235	11,211	2,180	5,618	3,052	7,228	4,699	12,860	8,669
260,161	296,415	369,377	393,706	462,384	572,646	692,952	879,773	1,188,384
280,118	358,548	406,698	459,911	586,935	679,439	842,073	1,070,612	1,438,909
8,039	3,301	(7,264)	(20,370)	(26,172)	(49,168)	(1,773)	(13,691)	(5,088)
925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,423,640
(19,985)	(5,804)	6,551	23,279	25,830	43,450	52,604	89,417	103,251
905,459	1,071,433	1,254,562	1,374,838	1,500,287	1,736,382	1,958,555	2,261,339	2,526,891

Table 3.2 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
504,619	531,772	543,788	561,509	578,589	600,106	622,985	651,790	684,316
53,434	57,042	55,826	55,337	58,746	62,343	65,810	68,527	69,599
149,310	172,951	143,047	154,252	166,397	180,797	187,131	210,440	235,125
143,804	165,364	141,903	150,974	164,125	176,388	184,667	206,854	230,662
67,370	77,443	60,733	63,518	70,258	72,858	78,627	91,115	104,404
65,760	76,976	69,922	76,094	82,292	91,658	93,701	102,654	112,065
10,674	10,945	11,248	11,362	11,575	11,872	12,339	13,085	14,193
5,506	7,587	1,144	3,278	2,272	4,409	2,464	3,586	4,463
213,888	217,865	231,515	241,431	256,451	307,205	344,181	397,201	466,874
244,590	269,148	266,139	289,273	322,548	369,325	428,475	500,194	572,126
22,787	10,208	8,485	(4,315)	(3,479)	(14,758)	10,592	21,357	9,229
699,448	720,690	716,522	718,941	734,156	766,368	802,224	849,121	893,017
(15,217)	(3,761)	3,696	12,455	12,765	19,768	22,301	35,105	38,101
684,231	716,929	720,218	731,396	746,921	786,136	824,525	884,226	931,118

**Table 3.3**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY INDUSTRIAL ORIGIN**  
**1984 to 1997**  
(In million pesos : at current prices)

Industry	1984	1985	1986	1987	1988
1. AGRI., FISHERY & FORESTRY	129,824	140,554	145,807	163,927	183,515
a. Agriculture and fishery	116,531	131,557	136,475	150,671	170,459
b. Forestry	13,293	8,997	9,332	13,256	13,056
2. INDUSTRY SECTOR	198,819	200,548	210,528	235,094	280,957
a. Mining & Quarrying	8,142	11,893	14,144	14,354	15,275
b. Manufacturing	129,171	143,851	149,958	169,627	204,784
c. Construction	48,727	29,037	29,784	37,104	42,814
d. Electricity, Gas and Water	12,779	15,767	16,642	14,009	18,084
3. SERVICE SECTOR	195,838	230,781	252,552	283,743	334,710
a. Transportation, Communication and Storage	28,117	31,666	34,307	36,827	40,762
b. Trade	70,822	82,835	87,825	96,518	114,085
c. Finance	16,335	17,123	18,658	22,446	27,125
d. Ownership of Dwellings & Real Estate	25,677	32,132	35,449	39,226	44,523
e. Private Services	32,022	39,121	43,593	49,927	57,644
f. Government Services	22,865	27,904	32,720	38,799	50,571
Gross Domestic Product	524,481	571,883	608,887	682,764	799,182
Net factor income from abroad	(20,661)	(20,455)	(20,496)	(17,321)	(17,113)
Gross National Product	503,820	551,428	588,391	665,443	782,069

See note on Table 3.1

Source: National Statistical Coordination Board.

**Table 3.4**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY INDUSTRIAL ORIGIN**  
**1984 to 1997**  
(In million pesos : at constant 1985 prices)

Industry	1984	1985	1986	1987	1988
1. AGRI., FISHERY & FORESTRY	143,247	140,554	145,725	150,414	155,292
a. Agriculture and fishery	131,587	131,557	135,486	138,075	144,028
b. Forestry	11,660	8,997	10,239	12,339	11,264
2. INDUSTRY SECTOR	238,038	200,548	205,164	213,389	232,052
a. Mining & Quarrying	8,959	11,893	12,313	11,232	11,704
b. Manufacturing	156,195	143,851	146,453	154,604	169,316
c. Construction	56,027	29,037	28,547	31,742	33,235
d. Electricity, Gas and Water	16,857	15,767	17,851	15,811	17,797
3. SERVICE SECTOR	235,677	230,781	240,534	253,120	271,237
a. Transportation, Communication and Storage	32,060	31,666	33,075	35,086	37,898
b. Trade	83,637	82,835	86,917	90,038	95,180
c. Finance	20,110	17,123	18,517	21,465	23,845
d. Ownership of Dwellings & Real Estate	32,585	32,132	33,205	34,759	36,691
e. Private Services	39,506	39,121	40,120	42,060	45,301
f. Government Services	27,779	27,904	28,700	29,712	32,322
Gross Domestic Product	616,962	571,883	591,423	616,923	658,581
Net factor income from abroad	(24,268)	(20,455)	(19,931)	(16,016)	(14,352)
Gross National Product	592,694	551,428	571,492	600,907	644,229

See note on Table 3.1

Source: National Statistical Coordination Board.

Table 3.3 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
210,009	235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546
198,868	227,049	255,327	288,159	312,976	367,737	408,064	443,138	449,805
11,141	8,907	6,541	6,763	5,570	4,770	4,133	4,665	2,741
322,964	371,347	424,504	443,813	481,900	550,709	611,097	696,881	779,786
15,446	16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311
230,163	267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305
57,281	64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116
20,074	22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054
392,471	469,934	561,639	612,824	674,011	769,716	882,657	1,027,238	1,191,308
43,460	53,191	72,908	75,923	78,385	82,813	88,929	101,002	118,877
133,224	154,592	180,486	193,573	207,563	230,799	261,862	295,092	317,172
34,334	42,531	48,572	53,166	58,557	67,368	78,232	96,424	114,459
52,792	61,673	73,238	86,213	98,515	114,321	130,491	148,472	168,027
67,752	80,916	97,388	110,325	127,444	147,141	169,290	199,403	233,732
60,909	77,031	89,047	93,624	103,547	127,274	153,853	186,845	239,041
925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,423,640
(19,985)	(5,804)	6,551	23,279	25,830	43,450	52,604	89,417	103,251
905,459	1,071,433	1,254,562	1,374,838	1,500,287	1,736,382	1,958,555	2,261,339	2,526,891

Table 3.4 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
159,964	160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713
150,694	153,414	158,205	159,385	163,556	168,419	171,069	177,553	183,601
9,270	7,320	4,732	4,186	3,497	2,971	1,779	1,898	1,112
249,175	255,548	248,718	247,384	251,459	265,972	283,858	302,126	320,689
11,389	11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338
179,152	183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672
39,878	41,858	35,285	36,261	38,344	41,774	44,492	49,339	57,322
18,756	18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357
290,309	304,408	304,867	307,986	315,644	329,006	345,518	367,544	387,615
40,243	41,108	41,291	41,870	42,941	44,764	47,366	50,878	55,067
102,729	107,428	108,002	109,780	112,479	116,923	123,430	130,247	135,326
27,261	29,968	29,114	29,217	29,909	31,546	33,852	38,513	43,507
39,083	40,146	40,242	40,534	41,269	42,473	43,765	45,576	47,297
47,534	49,353	49,273	49,551	50,984	53,159	55,461	58,231	61,040
33,459	36,405	36,945	37,034	38,062	40,141	41,644	44,099	45,378
699,448	720,690	716,522	718,941	734,156	766,368	802,224	849,121	893,017
(15,217)	(3,761)	3,696	12,455	12,765	19,768	22,301	35,105	38,101
684,231	716,929	720,218	731,396	746,921	786,136	824,525	884,226	931,118

**Table 3.5**  
**PER CAPITA: GROSS DOMESTIC PRODUCT, GROSS NATIONAL PRODUCT**  
**AND PERSONAL CONSUMPTION EXPENDITURE**  
**1984 to 1997**

Item	1984	1985	1986	1987	1988
A. Estimates in current pesos					
1. Gross domestic product	9,890	10,524	10,935	11,972	13,610
2. Gross national product	9,501	10,148	10,567	11,668	13,319
3. Personal consumption expenditures	6,831	7,744	7,984	8,457	9,516
B. Estimates in constant (1985) pesos					
1. Gross domestic product	11,634	10,524	10,622	10,818	11,216
2. Gross national product	11,177	10,148	10,264	10,537	10,971
3. Personal consumption expenditures	8,029	7,744	7,809	7,932	8,184
C. Population <sup>1</sup> (million persons)	53.03	54.34	55.68	57.03	58.72

See note on Table 3.1.

1- Population projection based on 1990 Census of Population and Housing.

Source: National Statistical Coordination Board.

**Table 3.5 (continued)**

1989	1990	1991	1992	1993	1994	1995	1996	1997
15,398	17,361	19,595	20,685	22,013	24,671	27,123	30,208	32,961
15,066	17,267	19,698	21,041	22,399	25,304	27,872	31,451	34,365
10,803	12,362	14,388	15,599	16,759	18,344	20,093	22,188	23,923
11,638	11,615	11,250	11,003	10,961	11,168	11,416	11,810	12,145
11,385	11,554	11,308	11,194	11,151	11,456	11,734	12,298	12,663
8,396	8,570	8,538	8,594	8,638	8,745	8,866	9,065	9,307
60.10	62.05	63.69	65.34	66.98	68.62	70.27	71.90	73.53

**Table 3.6**  
**PRINCIPAL INDICATORS**  
**1984 to 1997**

	1984	1985	1986	1987	1988
Incremental Capital Output Ratio	(2.82)	(2.09)	4.87	3.99	2.84
Tax Effort (In Percent)	10.67	11.15	11.31	13.04	11.41
Marginal Propensity to Consume					
National	1.05	1.64	0.81	0.61	0.77
Household	1.08	0.89	0.99	0.84	0.89
Investment Multiplier	(19.52)	(1.57)	5.15	2.60	4.43
Unemployment Rate (In Percent) <sup>a</sup>	10.40	12.55	11.83	11.18	9.55
Labor Productivity	33,729	31,533	31,399	30,785	31,058
Consumer Price Index (In Percent) <sup>d</sup>	81.20	100.00	100.80	104.60	113.70
Marginal Propensity to Import	0.22	(0.16)	0.31	0.56	0.31
Exchange Rate <sup>b</sup>	16.72	18.72	20.38	20.56	21.07
Terms of Trade (In Percent) <sup>c d</sup>	85.45	100.00	101.14	105.17	113.93

See note on Table 3.1.

a - Average of survey results of the year.

b - Average of buying and selling.

c - Implicit price index of total exports over implicit price index of total imports.

d - Base year = 1985.

Source: National Statistical Coordination Board.

**Table 3.7**  
**DETAILS OF FACTOR FLOWS FROM AND TO THE REST OF THE WORLD**  
**1984 to 1997**  
**(In million pesos)**

Industry/Industry group	1984	1985	1986	1987	1988
<b>INFLOW (Exports)</b>					
Compensation <sup>1</sup>	13,444	18,055	20,264	23,799	26,277
Property Income	5,539	6,671	4,781	6,166	6,428
Total Current Prices	18,983	24,726	25,045	29,965	32,705
Constant 1985 Prices	22,003	24,726	24,350	27,542	27,464
<b>OUTFLOW (Imports)</b>					
Compensation	20	19	123	62	211
Property Expense	39,624	45,162	45,418	47,224	49,607
Total Current Prices	39,644	45,181	45,541	47,286	49,818
Constant 1985 Prices	46,271	45,181	44,281	43,558	41,816
<b>NET FACTOR INCOME</b>					
Current Prices	(20,661)	(20,455)	(20,496)	(17,321)	(17,113)
Constant 1985 Prices	(24,268)	(20,455)	(19,931)	(16,016)	(14,352)

See note on Table 3.1.

1 - Balance of payments data adjusted for undercoverage based on Integrated Survey of Households (ISH) overseas remittances.

Source: National Statistical Coordination Board.

Table 3.6 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
3.52	7.78	(34.05)	62.41	10.79	5.48	5.15	4.41	5.25
13.65	14.53	15.12	15.51	15.74	16.46	16.96	17.02	17.98
0.89	0.90	0.95	1.02	1.24	0.73	0.93	0.85	0.75
0.97	0.81	1.15	3.01	1.15	0.88	1.01	0.93	0.87
9.00	9.72	18.67	(46.14)	(4.24)	3.72	14.74	6.79	3.93
9.15	8.40	10.58	9.78	9.28	9.48	9.52	8.58	8.70
31,927	32,446	31,270	30,060	30,035	30,453	31,217	30,942	32,022
125.80	141.70	166.80	181.70	195.50	213.16	230.21	249.78	262.52
0.54	0.51	0.28	0.50	1.29	0.40	0.81	0.86	1.23
21.72	24.29	27.76	25.61	26.99	26.45	25.70	26.21	29.43
106.20	102.12	104.41	102.57	99.08	101.33	102.44	103.48	101.21

Table 3.7 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
31,145	41,345	58,086	65,340	61,459	71,230	91,524	116,277	133,767
7,793	9,532	12,428	12,342	14,794	20,276	29,511	45,942	56,563
38,938	50,877	70,514	77,682	76,253	91,506	121,035	162,219	190,330
29,399	34,209	40,430	41,716	37,690	41,700	51,466	63,690	70,211
87	122	247	178	356	322	389	1,495	0
58,836	56,559	63,716	54,225	50,067	47,734	68,042	71,307	87,079
58,923	56,681	63,963	54,403	50,423	48,056	68,431	72,802	87,079
44,616	37,970	36,734	29,261	24,925	21,932	29,165	28,585	32,110
(19,985)	(5,804)	6,551	23,279	25,830	43,450	52,604	89,417	103,251
(15,217)	(3,761)	3,696	12,455	12,765	19,768	22,301	35,105	38,101



**Table 3.8**  
**GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY**  
**BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. AGRICULTURE INDUSTRY	116,531	131,557	136,475	150,671	170,459
a. Agriculture	93,865	104,499	104,456	119,415	135,751
Palay	15,492	22,476	20,595	21,706	25,147
Corn	6,695	9,491	8,724	10,471	11,766
Coconut including copra	18,963	11,307	6,938	11,003	12,494
Sugarcane	5,252	3,791	3,093	4,004	4,351
Banana	3,429	3,531	3,586	4,203	4,677
Other crops	20,744	30,112	35,337	39,025	41,003
Livestock	11,432	10,972	12,646	14,496	18,432
Poultry	6,828	6,771	7,218	8,078	10,474
Agricultural activities and services	5,030	6,048	6,319	6,429	7,407
b. Fishery	22,666	27,058	32,019	31,256	34,708
2. FORESTRY	13,293	8,997	9,332	13,256	13,056
Gross Value Added in Agriculture, Fishery and Fishery	129,824	140,554	145,807	163,927	183,515

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.9**  
**GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY**  
**BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. AGRICULTURE INDUSTRY	131,587	131,557	135,486	138,075	144,028
a. Agriculture	102,204	104,499	106,240	107,155	115,447
Palay	20,259	22,476	23,590	22,837	23,138
Corn	8,072	9,491	9,528	10,119	10,466
Coconut including copra	12,472	11,307	10,515	9,652	9,008
Sugarcane	5,964	3,791	3,364	3,053	2,997
Banana	3,691	3,531	3,600	3,635	2,940
Other crops	26,924	30,112	29,873	30,368	35,518
Livestock	11,970	10,972	12,552	13,700	14,532
Poultry	8,100	6,771	7,072	7,595	9,990
Agricultural activities and services	4,752	6,048	6,146	6,196	6,858
b. Fishery	29,383	27,058	29,246	30,920	28,581
2. FORESTRY	11,660	8,997	10,239	12,339	11,264
Gross Value Added in Agriculture, Fishery and Fishery	143,247	140,554	145,725	150,414	155,292

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.8 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
198,868	227,049	255,327	288,159	312,976	367,737	408,064	443,138	449,805
162,408	186,216	208,051	236,526	255,443	301,877	342,726	377,744	382,029
31,565	36,416	36,373	35,761	42,167	51,079	64,598	78,046	73,826
15,329	16,469	14,699	18,547	18,484	18,757	21,750	22,128	22,189
12,050	12,515	13,819	20,352	18,489	23,400	25,084	25,126	23,473
6,650	6,962	9,808	9,301	9,538	12,036	11,971	14,090	12,580
3,891	5,547	7,314	9,074	9,554	11,236	10,941	12,166	12,893
48,155	52,381	59,867	65,223	76,046	92,690	110,256	116,578	118,599
23,530	29,862	34,299	38,729	39,441	45,019	49,611	56,479	61,368
12,622	16,163	20,660	26,365	27,221	30,765	29,272	32,132	36,194
8,616	9,901	11,212	13,174	14,503	16,895	19,243	20,999	20,907
36,460	40,833	47,276	51,633	57,533	65,860	65,338	65,394	67,776
11,141	8,907	6,541	6,763	5,570	4,770	4,133	4,665	2,741
210,009	235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546

Table 3.9 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
150,694	153,414	158,205	159,385	163,556	168,419	171,069	177,553	183,601
121,066	122,631	126,204	127,010	130,736	135,224	136,616	143,265	149,326
25,281	24,873	25,868	24,412	25,228	28,182	28,189	30,175	30,135
10,203	10,950	11,093	11,009	11,435	10,769	9,837	9,893	10,324
7,007	7,084	6,798	6,815	6,827	6,831	7,380	6,890	7,280
3,897	3,652	4,646	4,871	5,257	5,326	3,964	4,810	4,828
2,913	2,698	2,691	2,789	2,798	2,836	2,809	3,011	3,206
37,240	36,613	37,598	37,766	38,115	38,831	41,090	41,639	44,200
16,334	16,854	17,061	17,195	17,996	18,858	19,834	21,143	22,273
11,082	12,215	12,626	13,999	14,866	15,255	16,056	17,866	19,088
7,109	7,692	7,823	8,154	8,214	8,336	7,457	7,838	7,992
29,628	30,783	32,001	32,375	32,820	33,195	34,453	34,288	34,275
9,270	7,320	4,732	4,186	3,497	2,971	1,779	1,898	1,112
159,964	160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713

**Table 3.10**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Copper mining	2,726	3,031	2,940	3,332	4,315
2. Gold mining	2,855	5,390	8,331	8,231	7,338
3. Chromium mining	201	278	214	180	199
4. Nickel mining	170	608	114	52	104
5. Other metal mining	120	267	110	117	127
6. Crude oil	-	-	-	-	-
7. Stone quarrying and sand pits	1,067	1,011	1,308	1,506	1,711
8. Other non-metallic	1,003	1,308	1,127	936	1,481
Gross Value Added in Mining and Quarrying	8,142	11,893	14,144	14,354	15,275

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.11**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Copper mining	3,048	3,031	2,972	2,969	3,017
2. Gold mining	2,876	5,390	6,445	5,394	4,701
3. Chromium mining	250	278	190	186	171
4. Nickel mining	149	608	108	63	78
5. Other metal mining	113	267	122	96	110
6. Crude oil	-	-	-	-	-
7. Stone quarrying and sand pits	1,293	1,011	1,163	1,280	1,571
8. Other non-metallic	1,230	1,308	1,313	1,244	2,056
Gross Value Added in Mining and Quarrying	8,959	11,893	12,313	11,232	11,704

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.10 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
4,340	4,276	4,076	3,396	2,846	2,653	3,141	1,825	1,516
6,454	7,395	8,134	6,884	6,636	6,809	6,115	6,963	6,901
254	294	257	118	130	124	158	181	187
297	544	534	494	215	311	215	222	197
113	101	76	57	61	69	63	57	52
-	-	-	577	515	260	176	64	64
1,926	2,075	2,036	2,136	2,589	3,110	3,979	5,581	6,231
2,062	1,974	2,391	2,601	3,629	3,173	2,954	2,282	2,163
15,446	16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311

Table 3.11 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
2,726	2,605	2,170	2,068	2,062	1,758	1,411	856	670
4,915	4,800	4,862	4,584	4,157	4,185	3,585	3,948	4,182
239	230	155	112	105	86	105	121	102
116	108	100	103	58	86	115	113	121
104	94	80	88	78	78	56	47	42
-	-	-	941	952	479	321	99	91
1,812	1,844	1,875	1,830	1,905	2,132	2,608	3,469	3,736
1,477	1,410	1,528	1,769	2,254	1,959	1,834	1,513	1,394
11,389	11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338

**Table 3.12**  
**GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
Food manufactures	54,449	64,397	68,638	74,110	88,016
Beverage industries	5,418	6,452	6,859	8,159	9,829
Tobacco manufactures	4,108	4,974	5,305	6,122	7,503
Textile manufactures	5,769	5,293	5,925	6,652	7,755
Footwear and wearing apparel	5,106	5,711	6,048	9,096	11,123
Wood and cork products	3,220	2,812	3,034	3,806	4,506
Furniture and fixtures	2,313	1,669	1,816	2,322	2,690
Paper and paper products	1,813	1,487	1,798	1,931	2,436
Publishing and printing	1,323	1,435	1,702	1,945	2,564
Leather and leather products	131	148	119	130	152
Rubber products	1,882	1,900	1,871	2,408	2,789
Chemical & chemical products	11,206	10,575	10,703	11,984	15,381
Products of petroleum & coal	13,611	18,059	15,381	16,791	19,319
Non-metallic mineral products	2,933	2,701	2,844	3,423	4,454
Basic metal industries	3,650	4,384	4,266	5,048	6,664
Metal industries	2,977	2,943	3,268	3,669	4,536
Machinery except electrical	1,304	1,330	1,435	1,547	1,825
Electrical machinery	4,921	4,683	5,325	6,107	7,729
Transport equipment	1,152	923	1,066	1,451	1,852
Miscellaneous manufactures	1,885	1,975	2,555	2,926	3,661
Gross Value Added in Manufacturing	129,171	143,851	149,958	169,627	204,784

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.13**  
**GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos : at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
Food manufactures	69,778	64,397	67,456	67,636	68,264
Beverage industries	6,351	6,452	6,518	6,673	6,805
Tobacco manufactures	5,100	4,974	4,726	4,445	5,201
Textile manufactures	6,644	5,293	5,846	6,071	6,840
Footwear and wearing apparel	5,965	5,711	5,554	7,406	8,154
Wood and cork products	3,310	2,812	2,887	3,271	3,553
Furniture and fixtures	2,806	1,669	1,666	1,913	2,081
Paper and paper products	1,933	1,487	1,473	1,540	1,875
Publishing and printing	1,621	1,435	1,691	1,881	2,414
Leather and leather products	167	148	110	105	118
Rubber products	1,993	1,900	1,853	2,250	2,467
Chemical & chemical products	12,369	10,575	9,278	9,385	10,269
Products of petroleum & coal	15,245	18,059	17,586	20,582	26,231
Non-metallic mineral products	3,489	2,701	2,722	3,041	3,811
Basic metal industries	4,507	4,384	4,143	4,623	5,532
Metal industries	3,610	2,943	2,969	3,119	3,558
Machinery except electrical	1,873	1,330	1,398	1,486	1,689
Electrical machinery	5,644	4,683	5,229	5,430	5,981
Transport equipment	1,294	923	953	1,133	1,347
Miscellaneous manufactures	2,496	1,975	2,395	2,614	3,126
Gross Value Added in Manufacturing	156,195	143,851	146,453	154,604	169,316

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.12 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
97,329	111,794	125,188	133,274	140,708	164,157	176,183	209,559	221,718
10,784	12,372	14,696	15,849	15,732	17,888	20,662	23,302	26,217
7,698	7,897	8,654	9,360	9,114	10,093	10,581	11,567	12,824
8,754	9,204	10,384	10,094	10,468	9,955	11,160	11,248	11,082
14,301	16,835	20,506	22,071	25,245	27,144	30,370	29,574	31,454
5,037	5,572	6,304	5,926	6,830	5,626	5,808	5,840	6,386
3,592	4,448	4,766	4,813	5,228	5,941	6,909	7,077	8,182
2,850	2,944	3,252	3,040	2,947	3,203	3,901	3,921	3,768
2,916	3,299	3,926	4,306	4,496	4,963	5,493	6,022	6,582
177	197	238	234	237	245	285	333	387
3,223	3,479	4,076	4,191	3,832	3,796	4,399	4,251	4,012
18,509	20,404	25,133	25,394	28,927	31,245	35,663	39,208	44,832
16,182	26,090	37,429	35,510	33,858	34,506	36,894	40,829	42,805
6,937	7,547	9,953	10,182	11,698	14,069	17,121	19,647	22,791
7,905	8,539	9,553	8,120	9,246	10,047	13,352	13,560	13,772
5,716	6,452	6,955	8,007	8,693	8,970	9,751	11,316	10,955
2,252	2,574	3,084	3,464	3,903	4,284	5,072	5,981	6,897
8,864	9,793	12,106	13,211	16,021	22,680	28,087	33,744	45,578
2,626	2,934	3,190	3,896	5,129	6,088	7,239	7,958	7,405
4,511	5,111	6,545	5,897	7,283	8,910	9,317	10,452	12,658
230,163	267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305

Table 3.13 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
69,633	69,633	68,559	66,595	65,562	69,148	71,067	75,746	76,318
7,174	7,411	7,468	7,296	6,810	7,222	7,659	8,256	8,961
5,091	5,094	5,022	5,090	4,906	5,091	5,054	5,459	5,779
7,552	6,720	6,524	5,740	5,698	5,277	5,611	5,498	5,320
9,521	10,045	10,747	10,812	11,576	12,211	13,201	12,036	12,356
3,871	4,143	3,993	3,278	3,497	2,818	2,888	2,782	2,969
2,389	2,571	2,437	2,164	2,082	2,225	2,476	2,525	2,822
2,263	2,179	2,197	1,941	1,778	1,854	2,213	2,157	2,038
2,691	2,968	2,963	2,951	2,767	2,894	3,075	3,114	3,233
135	148	158	149	145	147	169	191	215
2,683	2,818	2,831	2,679	2,312	2,216	2,477	2,275	2,088
10,985	11,472	12,136	11,128	11,492	11,644	12,582	13,309	14,276
26,233	30,008	28,878	32,213	32,002	33,512	36,113	39,288	39,753
5,014	4,552	5,004	4,718	5,182	5,737	6,548	7,040	7,925
5,446	4,893	4,936	3,909	4,191	4,354	5,521	5,305	5,223
4,308	4,455	4,125	4,331	4,399	4,352	4,569	5,061	4,841
2,040	2,096	2,093	2,198	2,287	2,447	2,870	3,309	3,756
6,629	7,096	7,334	7,552	8,681	10,651	12,086	13,867	18,179
1,785	1,874	1,726	1,988	2,422	2,610	3,042	3,086	2,744
3,709	3,749	3,980	3,215	3,500	3,964	4,050	4,309	4,876
179,152	183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672

**Table 3.14**  
**GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION**  
**1984 to 1997**  
(In million pesos: at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Public	37,555	22,337	18,088	18,150	23,606
2. Private	37,809	28,905	31,381	41,183	48,620
Gross Value	75,364	51,242	49,469	59,333	72,226
Gross Value Added in Construction	48,727	29,037	29,784	37,104	42,814

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.15**  
**GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Public	42,075	22,337	17,492	15,748	19,384
2. Private	41,243	28,905	30,261	35,997	39,070
Gross Value	83,318	51,242	47,753	51,745	58,454
Gross Value Added in Construction	56,027	29,037	28,547	31,742	33,235

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.14 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
31,724	58,029	47,776	56,609	65,213	65,586	74,181	81,905	100,019
66,697	71,595	72,082	75,747	83,647	99,616	109,559	148,603	170,427
98,421	129,624	119,858	132,356	148,860	165,202	183,740	230,508	270,446
57,281	64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116

Table 3.15 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
22,318	34,689	23,927	27,115	31,301	29,735	31,872	32,888	39,755
45,052	42,754	36,806	36,403	38,957	43,123	46,755	58,227	64,649
67,370	77,443	60,733	63,518	70,258	72,858	78,627	91,115	104,404
39,878	41,858	35,285	36,261	38,344	41,774	44,492	49,339	57,322



**Table 3.16**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER**  
**1984 to 1997**  
(In million pesos: at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Electricity and gas	11,846	14,427	14,934	12,074	15,870
2. Water	933	1,340	1,708	1,935	2,214
Gross Value Added in Electricity, Gas and Water	12,779	15,767	16,642	14,009	18,084

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.17**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Electricity and gas	15,662	14,427	16,416	14,343	16,322
2. Water	1,195	1,340	1,435	1,468	1,475
Gross Value Added in Electricity, Gas and Water	16,857	15,767	17,851	15,811	17,797

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.16 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
17,364	19,375	25,518	28,698	31,963	39,852	44,044	50,468	59,220
2,710	2,925	3,582	4,045	4,454	5,043	5,366	6,257	6,834
20,074	22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054

Table 3.17 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
17,156	17,037	17,901	18,019	18,535	21,175	24,077	25,978	27,318
1,600	1,637	1,651	1,662	1,720	1,886	1,983	2,030	2,039
18,756	18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357

**Table 3.18**  
**GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION, AND STORAGE**  
**1984 to 1997**  
(In million pesos: at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. TRANSPORT AND STORAGE	22,963	25,764	27,235	29,302	31,898
a. Land	15,054	17,342	17,528	18,228	19,215
b. Water	2,778	3,065	2,992	3,299	3,757
c. Air	1,319	1,238	2,480	3,010	3,909
d. Storage and services incidental to transport	3,812	4,119	4,235	4,765	5,017
2. COMMUNICATION	5,154	5,902	7,072	7,525	8,864
Gross Value Added in Transport, Communication, and Storage	28,117	31,666	34,307	36,827	40,762

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.19**  
**GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION, AND STORAGE**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. TRANSPORT AND STORAGE	26,014	25,764	26,484	28,075	29,871
a. Land	17,178	17,342	17,788	18,443	19,348
b. Water	3,331	3,065	3,070	3,447	3,925
c. Air	1,202	1,238	1,267	1,330	1,539
d. Storage and services incidental to transport	4,303	4,119	4,359	4,855	5,059
2. COMMUNICATION	6,046	5,902	6,591	7,011	8,027
Gross Value Added in Transport, Communication, and Storage	32,060	31,666	33,075	35,086	37,898

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.18 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
33,242	41,151	57,983	59,245	60,013	62,563	66,379	72,365	84,320
19,679	26,239	37,824	39,097	39,984	42,070	44,184	47,542	55,826
4,443	5,044	6,377	6,568	6,604	7,047	8,310	9,272	10,716
3,975	3,798	6,292	6,542	6,387	6,162	6,510	7,318	8,323
5,145	6,070	7,490	7,038	7,038	7,284	7,375	8,233	9,455
10,218	12,040	14,925	16,678	18,372	20,250	22,550	28,637	34,557
43,460	53,191	72,908	75,923	78,385	82,813	88,929	101,002	118,877

Table 3.19 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
31,184	31,220	30,595	31,133	31,509	32,598	33,835	35,530	37,259
20,173	20,194	20,590	21,271	21,717	22,679	23,582	24,791	26,008
4,122	4,197	3,724	3,696	3,711	3,770	3,876	4,020	4,209
1,521	1,390	1,477	1,535	1,457	1,353	1,387	1,452	1,515
5,368	5,439	4,804	4,631	4,624	4,796	4,990	5,267	5,527
9,059	9,888	10,696	10,737	11,432	12,166	13,531	15,348	17,808
40,243	41,108	41,291	41,870	42,941	44,764	47,366	50,878	55,067

**Table 3.20**  
**GROSS VALUE ADDED IN TRADE**  
**1984 to 1997**  
**(In million pesos: at current prices)**

Industry/Industry group	1984	1985	1986	1987	1988
1. Wholesale	15,432	15,203	15,055	19,063	23,000
2. Retail	55,390	67,632	72,770	77,455	91,085
Gross Value Added in Trade	70,822	82,835	87,825	96,518	114,085

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.21**  
**GROSS VALUE ADDED IN TRADE**  
**1984 to 1997**  
**(In million pesos: at constant 1985 prices)**

Industry/Industry group	1984	1985	1986	1987	1988
1. Wholesale	18,241	15,204	15,010	17,652	18,556
2. Retail	65,396	67,631	71,907	72,386	76,624
Gross Value Added in Trade	83,637	82,835	86,917	90,038	95,180

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.20 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
32,693	45,254	47,381	52,082	56,045	60,791	66,683	75,115	78,174
100,531	109,338	133,105	141,491	151,518	170,008	195,179	219,977	238,998
133,224	154,592	180,486	193,573	207,563	230,799	261,862	295,092	317,172

Table 3.21 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
24,176	30,325	28,089	29,475	30,722	31,537	33,041	34,431	35,721
78,553	77,103	79,913	80,305	81,757	85,386	90,389	95,816	99,605
102,729	107,428	108,002	109,780	112,479	116,923	123,430	130,247	135,326

**Table 3.22**  
**GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos: at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Banks	10,201	10,608	11,682	14,972	18,684
2. Non-banks	2,033	2,064	2,255	2,471	2,864
3. Insurance	4,101	4,451	4,721	5,003	5,577
Gross Value Added in Finance	16,335	17,123	18,658	22,446	27,125

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.23**  
**GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Banks	12,558	10,608	11,594	14,318	16,417
2. Non-banks	2,503	2,064	2,238	2,363	2,516
3. Insurance	5,049	4,451	4,685	4,784	4,912
Gross Value Added in Finance	20,110	17,123	18,517	21,465	23,845

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.22 (continued)**

1989	1990	1991	1992	1993	1994	1995	1996	1997
24,046	30,433	33,802	36,874	40,571	46,713	54,364	68,218	68,218
3,629	4,225	5,119	5,695	6,323	7,261	8,349	9,726	9,726
6,659	7,873	9,651	10,597	11,663	13,394	15,519	18,480	18,480
34,334	42,531	48,572	53,166	58,557	67,368	78,232	96,424	96,424

**Table 3.23 (continued)**

1989	1990	1991	1992	1993	1994	1995	1996	1997
19,094	21,443	20,274	20,277	20,734	21,886	23,541	27,261	27,261
2,883	2,979	3,067	3,126	3,226	3,396	3,608	3,879	3,879
5,284	5,546	5,773	5,814	5,949	6,264	6,703	7,373	7,373
27,261	29,968	29,114	29,217	29,909	31,546	33,852	38,513	38,513



**Table 3.24**  
**GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE**  
**BY INDUSTRY GROUP**  
**1984 to 1997**  
**(In million pesos: at current prices)**

Industry/Industry group	1984	1985	1986	1987	1988
1. Real estate	5,637	5,602	6,286	6,969	7,931
2. Ownership of dwellings	20,040	26,530	29,163	32,257	36,592
Gross Value Added in Ownership of Dwellings and Real Estate	25,677	32,132	35,449	39,226	44,523

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.25**  
**GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE**  
**BY INDUSTRY GROUP**  
**1984 to 1997**  
**(In million pesos: at constant 1985 prices)**

Industry/Industry group	1984	1985	1986	1987	1988
1. Real estate	6,939	5,602	6,239	6,665	6,970
2. Ownership of dwellings	25,646	26,530	26,966	28,094	29,721
Gross Value Added in Ownership of Dwellings and Real Estate	32,585	32,132	33,205	34,759	36,691

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.24 (continued)**

1989	1990	1991	1992	1993	1994	1995	1996	1997
9,541	11,183	13,120	14,526	16,027	18,147	20,782	24,929	27,937
43,251	50,490	60,118	71,687	82,488	96,174	109,709	123,543	140,090
52,792	61,673	73,238	86,213	98,515	114,321	130,491	148,472	168,027

**Table 3.25 (continued)**

1989	1990	1991	1992	1993	1994	1995	1996	1997
7,585	7,897	7,867	7,987	8,191	8,502	9,003	9,962	10,624
31,498	32,249	32,375	32,547	33,078	33,971	34,762	35,614	36,673
39,083	40,146	40,242	40,534	41,269	42,473	43,765	45,576	47,297

**Table 3.26**  
**GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos: at current prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Government	22,865	27,904	32,720	38,799	50,571
2. Private	32,022	39,121	43,593	49,927	57,644
Educational	3,757	4,685	5,106	5,480	6,459
Medical and health	4,204	5,182	5,243	6,356	7,204
Business	4,583	5,478	6,034	6,397	7,466
Recreational	3,642	4,688	5,331	6,648	7,790
Personal	8,277	10,325	12,029	13,497	15,549
Hotel and restaurant	6,208	7,124	8,186	9,716	11,169
Others	1,351	1,639	1,664	1,833	2,007
Gross Value Added in Other Services	54,887	67,025	76,313	88,726	108,215

See note on Table 3.1.

Source: National Statistical Coordination Board.

**Table 3.27**  
**GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP**  
**1984 to 1997**  
(In million pesos: at constant prices)

Industry/Industry group	1984	1985	1986	1987	1988
1. Government	27,779	27,904	28,700	29,712	32,322
2. Private	39,506	39,121	40,120	42,060	45,301
Educational	4,542	4,685	4,649	4,561	4,951
Medical and health	4,990	5,182	4,909	5,618	6,006
Business	6,190	5,478	5,563	5,252	5,413
Recreational	4,529	4,687	5,099	5,772	6,725
Personal	10,124	10,325	11,195	11,487	12,193
Hotel and restaurant	7,404	7,125	7,119	7,667	8,200
Others	1,727	1,639	1,586	1,703	1,813
Gross Value Added in Other Services	67,285	67,025	68,820	71,772	77,623

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.26 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
60,909	77,031	89,047	93,624	103,547	127,274	153,853	186,845	239,041
67,752	80,916	97,388	110,325	127,444	147,141	169,290	199,403	241,201
8,353	10,281	13,075	15,402	19,111	23,734	27,770	33,764	41,201
8,370	9,661	12,468	14,421	16,925	19,059	21,569	24,340	27,592
8,530	10,505	13,052	14,865	16,624	18,780	22,671	26,506	32,165
8,573	9,921	11,377	12,085	13,161	14,605	15,990	18,297	21,453
18,141	22,742	26,836	29,814	33,780	39,108	44,554	52,286	61,343
13,631	15,492	17,809	20,810	24,614	28,341	32,660	39,332	44,319
2,154	2,314	2,771	2,928	3,229	3,514	4,076	4,878	5,659
128,661	157,947	186,435	203,949	230,991	274,415	323,143	386,248	472,773

Table 3.27 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
33,459	36,405	36,945	37,034	38,062	40,141	41,644	44,099	45,378
47,534	49,353	49,273	49,551	50,984	53,159	55,461	58,231	61,040
5,217	5,303	5,366	5,472	5,660	5,886	6,126	6,427	6,853
6,643	6,859	7,258	7,530	7,947	8,229	8,617	9,054	9,433
5,447	5,652	5,783	5,719	5,706	6,046	6,386	6,738	7,169
6,949	7,197	7,263	6,958	7,127	7,390	7,670	8,047	8,432
12,850	13,901	13,321	13,227	13,493	13,834	14,267	14,898	15,498
8,550	8,503	8,334	8,702	9,210	9,885	10,447	11,049	11,567
1,878	1,938	1,948	1,943	1,841	1,889	1,948	2,018	2,088
80,993	85,758	86,218	86,585	89,046	93,300	97,105	102,330	106,418

**Table 3.28**  
**GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT BY MAJOR TYPE**  
**1984 to 1997**  
(In million pesos: at current prices)

Type of equipment	1984	1985	1986	1987	1988
Durable Equipment	37,897	33,261	39,091	42,112	56,951
A. Machinery specialized for particular industries	12,138	10,735	13,924	15,416	16,755
1. Agricultural machineries	81	49	34	75	131
2. Tractor other than steam	40	17	31	37	144
3. Mining and construction machineries	616	487	490	827	1,122
4. Textile machineries	307	336	489	2,026	2,047
5. Sawmill & logging machineries	46	36	39	81	69
6. Sugarmill machineries	3	0	8	13	18
7. Pulp and paper machineries	405	64	101	210	197
8. Metal working machineries	379	620	696	892	1,326
9. Telecommunications & sound recording/reproducing equipment	6,043	6,193	7,895	6,611	5,654
10. Other special industrial machineries	4,218	2,933	4,141	4,644	6,047
B. General industrial machinery and equipment	11,302	12,029	14,075	13,381	18,361
1. Aircon & refrigeration equipment	1,035	1,031	1,016	1,758	6,455
2. Pumps and compressor	671	587	747	1,164	1,647
3. Other electrical machinery and apparatus	4,284	5,277	5,790	6,456	6,453
4. Other general industrial machineries	5,312	5,134	6,522	4,003	3,806
C. Transport equipment	10,246	6,288	4,579	5,044	9,243
1. Road vehicles	5,850	5,664	3,913	3,834	4,869
2. Railway transport	877	67	38	95	24
3. Air transport	2,969	70	9	407	2,726
4. Water transport	550	487	619	708	1,624
D. Miscellaneous equipment	4,211	4,209	6,513	8,271	12,592
1. Office machines & data processing	600	1,166	913	1,278	1,810
2. Other misc. durable equipment	3,611	3,043	5,600	6,993	10,782

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.28 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
79,030	101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894
22,838	29,910	32,684	32,333	48,995	61,101	75,099	89,371	100,036
157	236	310	385	468	590	647	768	1,150
373	309	389	284	678	832	649	775	948
2,844	2,713	4,438	3,446	4,162	4,403	8,017	12,297	12,400
3,090	4,329	3,992	4,041	5,142	5,518	5,592	4,473	5,080
132	167	132	97	72	88	74	240	293
57	22	34	102	38	147	71	121	20
389	763	511	777	810	2,098	1,861	1,858	2,616
1,575	2,248	2,474	2,535	4,059	4,891	5,941	10,548	13,575
4,978	5,745	6,333	6,852	11,648	16,062	20,105	21,495	24,925
9,243	13,378	14,071	13,814	21,918	26,472	32,142	36,796	39,029
26,457	34,437	37,273	40,599	55,397	64,688	53,209	61,815	73,326
9,033	9,860	9,464	11,837	10,142	12,658	15,686	17,526	19,688
1,898	2,410	2,658	2,874	4,567	4,567	6,497	8,415	10,250
6,121	10,364	12,523	7,702	14,861	17,254	8,829	8,004	7,520
9,405	11,803	12,628	18,186	25,827	30,209	22,197	27,870	35,868
15,715	21,251	19,050	29,891	47,256	56,182	58,397	62,531	69,764
8,943	11,598	11,449	16,546	30,227	33,960	43,515	51,269	48,162
11	16	40	647	90	34	92	123	127
4,695	7,044	4,405	9,034	12,943	712	8,612	7,460	19,590
2,066	2,593	3,156	3,664	3,996	21,476	6,178	3,679	1,885
14,020	16,370	20,514	23,607	25,241	25,591	23,067	31,453	41,768
1,629	1,715	1,510	4,642	2,233	3,134	11,751	16,291	22,757
12,391	14,655	19,004	18,965	23,008	22,457	11,316	15,162	9,011

**Table 3.29**  
**GROSS REGIONAL DOMESTIC PRODUCT**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		524,482	571,884	608,888	682,765	799,183
NCR	Metro Manila	150,661	164,246	180,117	208,661	251,164
CAR	Cordillera Administrative	-	-	-	13,691	15,562
1	Ilocos Region	21,100	25,033	29,290	20,385	23,041
2	Cagayan Valley	14,432	15,309	15,574	14,280	16,709
3	Central Luzon	48,420	53,774	55,256	59,992	68,010
4	Southern Tagalog	76,997	82,615	86,983	95,946	114,401
5	Bicol Region	17,478	19,366	19,876	20,607	23,849
6	Western Visayas	38,029	42,418	44,338	48,890	57,265
7	Central Visayas	33,648	35,754	38,381	43,326	51,872
8	Eastern Visayas	15,250	16,218	16,309	18,139	21,586
9	Western Mindanao	17,640	18,561	19,542	20,900	23,607
10	Northern Mindanao	29,139	32,412	34,173	37,920	42,282
11	Southern Mindanao	41,151	43,727	45,502	54,132	59,889
12	Central Mindanao	20,538	22,452	23,549	25,897	29,948
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

Notes: 1. The GRDP estimates for the CAR and the ARMM started only in 1987 and 1993 respectively. Prior to these, the contributions to the economy of the provinces comprising the CAR is accounted for in Regions 1 and 2 while those of the ARMM provinces accrued to Regions 9 and 12.  
2. Data for the years 1995 to 1997 are updates as of July, 1998.  
3. Details may not add up to totals due to rounding.

Source: National Statistical Coordination Board.

**Table 3.30**  
**GROSS REGIONAL DOMESTIC PRODUCT**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		616,963	571,884	591,423	616,926	658,583
NCR	Metro Manila	180,909	164,246	169,358	180,609	197,266
CAR	Cordillera Administrative	-	-	-	11,342	12,195
1	Ilocos Region	24,949	25,033	26,947	18,294	19,238
2	Cagayan Valley	17,128	15,309	15,668	13,087	13,994
3	Central Luzon	57,044	53,774	54,853	57,459	61,831
4	Southern Tagalog	89,958	82,615	86,473	90,978	98,333
5	Bicol Region	20,496	19,366	19,530	18,913	20,103
6	Western Visayas	46,265	42,418	43,554	44,858	46,699
7	Central Visayas	39,838	35,754	37,680	39,662	43,107
8	Eastern Visayas	17,548	16,218	16,057	16,175	17,297
9	Western Mindanao	19,969	18,561	19,163	19,191	19,569
10	Northern Mindanao	33,419	32,412	33,239	34,381	35,603
11	Southern Mindanao	45,755	43,727	45,317	48,383	48,691
12	Central Mindanao	23,686	22,452	23,582	23,592	24,657
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.29 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
925,444	1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,423,640
298,589	347,609	409,778	437,730	475,312	548,782	623,939	720,450	835,638
17,928	20,267	23,659	23,974	27,597	33,497	38,453	43,456	50,663
26,931	32,501	36,336	37,102	41,961	49,731	58,810	67,823	75,004
19,674	23,724	25,262	26,671	29,847	35,002	40,374	46,590	49,653
75,253	91,922	106,726	118,202	129,870	143,552	159,939	182,878	202,671
130,349	155,817	188,502	205,172	218,201	250,808	273,578	310,753	341,670
27,549	31,927	36,201	39,616	44,296	50,575	55,885	62,472	69,858
66,455	75,649	85,407	95,299	105,867	118,577	132,112	151,090	162,054
61,737	70,766	82,821	88,831	94,892	108,493	121,438	139,387	157,781
24,640	28,269	32,057	34,681	38,354	43,644	47,854	55,120	60,045
26,469	31,182	35,157	39,012	41,496	47,816	52,904	56,424	60,902
49,146	55,120	62,726	68,855	74,686	87,479	97,682	107,955	114,038
66,287	74,670	82,459	90,297	98,322	113,563	129,205	145,447	155,366
34,436	37,813	40,919	46,118	40,909	45,559	54,788	61,153	65,880
-	-	-	-	12,848	15,856	18,991	20,925	22,418

Table 3.30 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
699,449	720,691	716,523	718,942	734,156	766,368	802,224	849,122	893,017
214,663	221,753	220,972	215,465	216,149	227,348	242,167	257,497	275,508
13,252	13,549	14,042	13,591	14,637	15,928	16,075	17,193	19,443
20,435	21,869	21,579	20,344	20,893	22,295	24,225	25,368	27,210
14,725	15,548	14,714	13,974	14,460	15,428	16,142	17,125	18,191
64,158	68,250	66,309	70,736	72,955	75,371	78,487	83,186	86,779
104,972	109,509	109,844	113,545	114,787	120,155	125,248	133,889	139,192
21,041	21,687	21,734	21,902	22,422	23,087	23,517	24,572	25,773
50,113	50,747	50,451	53,331	55,487	57,050	57,597	61,759	62,925
45,813	47,193	46,971	47,086	47,757	49,663	52,327	55,712	58,647
17,373	17,322	17,396	17,088	17,851	18,387	18,969	19,881	20,654
20,214	21,132	20,773	21,186	20,862	21,125	21,813	22,031	23,121
37,313	37,099	37,104	37,345	37,913	39,726	41,866	42,972	44,310
49,970	50,074	50,155	48,953	50,671	52,570	53,501	56,242	58,596
25,407	24,959	24,477	24,396	20,405	20,815	22,174	23,135	24,042
-	-	-	-	6,908	7,420	8,116	8,561	8,626



**Table 3.31**  
**GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		129,824	140,554	145,807	163,927	183,515
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	-	2,911	3,225
1	Ilocos Region	7,447	9,115	10,444	8,779	9,834
2	Cagayan Valley	5,615	6,843	6,797	7,314	8,991
3	Central Luzon	9,954	11,530	11,966	13,318	15,266
4	Southern Tagalog	23,296	24,845	26,637	28,781	34,037
5	Bicol Region	7,509	8,496	8,313	8,781	9,892
6	Western Visayas	14,401	15,083	15,486	17,302	19,087
7	Central Visayas	5,337	5,676	5,868	6,563	7,438
8	Eastern Visayas	5,742	6,180	5,998	6,844	7,754
9	Western Mindanao	9,310	9,939	10,291	11,009	12,348
10	Northern Mindanao	11,607	12,177	13,526	16,181	16,349
11	Southern Mindanao	20,427	20,520	19,848	24,168	25,848
12	Central Mindanao	9,179	10,149	10,633	11,976	13,447
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.32**  
**GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		143,247	140,554	145,725	150,414	155,292
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	-	2,556	2,749
1	Ilocos Region	8,709	9,115	9,787	7,830	8,312
2	Cagayan Valley	6,577	6,843	7,238	6,911	7,828
3	Central Luzon	11,749	11,530	11,920	12,944	13,242
4	Southern Tagalog	25,680	24,845	26,264	27,052	28,251
5	Bicol Region	8,301	8,496	8,248	8,020	8,457
6	Western Visayas	17,089	15,083	15,249	16,045	16,182
7	Central Visayas	6,102	5,676	5,857	5,834	6,166
8	Eastern Visayas	6,198	6,180	6,302	6,209	6,510
9	Western Mindanao	10,103	9,939	10,123	10,087	10,248
10	Northern Mindanao	12,246	12,177	13,117	14,073	14,217
11	Southern Mindanao	20,674	20,520	20,525	21,807	21,613
12	Central Mindanao	9,818	10,149	11,095	11,047	11,518
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.31 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
210,009	235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546
0	0	0	0	0	0	0	0	0
3,680	3,825	4,403	4,944	5,580	6,564	8,642	8,877	8,951
11,498	13,092	14,619	15,438	16,985	20,109	24,775	28,059	29,015
10,358	11,655	11,955	13,961	15,156	18,082	21,836	24,721	24,018
18,328	22,360	24,768	26,930	30,010	34,614	38,532	44,793	45,941
38,659	44,311	51,829	59,222	62,466	72,964	76,283	82,987	85,412
11,377	12,751	14,147	15,334	17,001	19,569	21,099	22,003	23,235
22,229	24,382	27,701	31,430	34,983	39,391	43,360	47,662	46,684
9,317	10,681	12,466	13,574	14,455	16,971	17,872	20,078	21,386
8,714	9,839	10,661	12,116	12,878	14,835	14,758	17,027	17,348
13,282	15,463	16,964	19,397	21,676	25,240	27,042	26,660	27,381
18,811	20,079	21,925	25,055	27,627	33,155	36,587	37,607	35,614
28,409	30,692	33,132	37,737	39,487	46,624	51,267	54,990	55,270
15,347	16,824	17,298	19,784	13,195	15,311	19,266	20,936	21,009
-	-	-	-	7,049	9,077	10,876	11,403	11,282

Table 3.32 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
159,964	160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713
0	0	0	0	0	0	0	0	0
2,821	2,665	2,712	2,805	2,908	3,035	3,388	3,228	3,322
8,730	9,125	9,217	9,074	9,145	9,531	10,566	10,717	11,633
7,851	7,796	7,377	7,536	7,583	8,159	8,782	9,204	9,793
14,463	15,849	16,230	16,237	16,526	17,441	17,258	18,297	19,180
29,647	30,193	30,636	31,018	31,626	32,206	32,634	34,828	35,514
8,644	8,567	8,797	8,557	8,647	8,853	8,789	8,976	9,406
17,106	16,718	17,599	18,934	19,469	19,856	18,672	20,449	19,800
6,698	6,915	7,302	7,098	7,429	7,573	7,752	8,132	8,013
6,271	5,953	6,014	6,006	6,060	6,130	5,922	6,186	6,479
10,218	10,660	10,505	10,846	11,022	10,943	11,240	10,909	11,564
14,660	13,860	13,994	14,158	14,620	14,991	15,488	15,145	15,279
21,296	20,976	21,381	20,520	20,825	20,932	19,900	20,303	21,340
11,561	11,458	11,172	10,782	7,119	7,316	7,568	7,966	8,402
-	-	-	-	4,074	4,424	4,888	5,112	4,989

**Table 3.33**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		8,142	11,893	14,144	14,354	15,275
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	-	3,946	3,777
1	Ilocos Region	1,712	2,916	4,744	335	383
2	Cagayan Valley	179	136	46	50	45
3	Central Luzon	1,276	1,573	2,109	1,760	2,002
4	Southern Tagalog	793	711	994	821	950
5	Bicol Region	342	485	706	423	612
6	Western Visayas	426	900	1,228	843	916
7	Central Visayas	2,204	2,058	2,056	2,620	3,452
8	Eastern Visayas	21	292	156	55	28
9	Western Mindanao	188	69	40	105	107
10	Northern Mindanao	305	1,683	660	510	506
11	Southern Mindanao	633	1,042	1,370	2,847	2,440
12	Central Mindanao	64	28	35	40	58
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.34**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		8,959	11,893	12,313	11,232	11,704
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	-	2,600	2,469
1	Ilocos Region	1,968	2,916	3,558	303	385
2	Cagayan Valley	181	136	41	43	42
3	Central Luzon	1,312	1,573	1,734	1,324	1,435
4	Southern Tagalog	976	711	1,014	743	720
5	Bicol Region	398	485	711	421	502
6	Western Visayas	532	900	1,245	694	647
7	Central Visayas	2,316	2,058	1,979	2,569	3,336
8	Eastern Visayas	35	292	166	54	35
9	Western Mindanao	210	69	35	122	142
10	Northern Mindanao	342	1,683	512	376	376
11	Southern Mindanao	610	1,042	1,290	1,950	1,561
12	Central Mindanao	77	28	28	34	53
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.33 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
15,446	16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311
0	0	0	0	0	0	0	0	0
3,607	3,475	4,587	4,332	3,886	4,252	3,337	3,016	3,563
176	369	393	322	723	659	748	1,154	1,076
98	55	53	31	136	86	177	254	270
2,005	2,252	1,847	1,627	1,586	1,645	1,248	1,335	868
1,247	1,468	1,157	2,711	2,573	2,863	2,245	1,298	1,122
976	1,686	1,945	1,415	1,563	1,399	1,347	1,610	1,506
893	1,520	1,829	1,754	1,715	1,777	2,046	1,845	2,401
3,750	2,764	2,822	1,805	1,530	633	890	996	975
79	226	215	197	239	211	169	138	183
129	289	362	311	409	352	259	309	334
700	757	737	573	956	1,123	1,133	1,168	1,094
1,693	1,770	1,543	1,178	1,294	1,457	3,199	4,045	3,916
92	29	13	8	12	51	5	6	4
-	-	-	-	0	0	0	0	0

Table 3.34 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
11,389	11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338
0	0	0	0	0	0	0	0	0
2,485	2,133	2,840	2,860	2,621	2,683	1,656	1,564	2,023
261	201	217	146	228	213	392	609	556
108	43	48	30	49	45	116	158	162
1,520	1,282	665	691	649	698	592	671	428
743	629	391	1,985	1,776	1,564	1,158	700	593
725	1,202	1,336	1,166	1,090	944	798	916	865
582	1,234	1,240	1,274	1,616	1,520	1,633	1,403	1,676
2,534	2,162	1,599	1,207	1,191	629	628	660	661
72	174	116	113	219	206	143	105	117
257	287	319	256	357	308	203	215	196
397	465	301	231	275	289	687	707	669
1,653	1,252	1,639	1,498	1,456	1,618	2,025	2,455	2,390
51	29	61	38	44	47	3	4	3
-	-	-	-	0	0	0	0	0

**Table 3.35**  
**GROSS VALUE ADDED IN MANUFACTURING BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		129,171	143,851	149,958	169,627	204,784
NCR	Metro Manila	56,705	60,818	64,214	73,631	87,447
CAR	Cordillera Administrative	-	-	-	2,365	3,214
1	Ilocos Region	2,682	2,695	2,970	1,187	1,383
2	Cagayan Valley	776	783	879	882	748
3	Central Luzon	12,910	15,453	14,914	16,580	18,658
4	Southern Tagalog	20,786	24,014	23,943	27,322	34,039
5	Bicol Region	259	271	290	325	389
6	Western Visayas	6,517	8,082	8,289	9,360	12,060
7	Central Visayas	7,286	7,709	8,532	9,819	11,784
8	Eastern Visayas	3,335	3,599	3,602	4,057	5,808
9	Western Mindanao	1,512	1,670	1,848	1,999	2,447
10	Northern Mindanao	5,570	6,432	7,096	7,299	9,156
11	Southern Mindanao	6,423	7,348	8,070	8,918	10,443
12	Central Mindanao	4,410	4,978	5,311	5,885	7,207
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.36**  
**GROSS VALUE ADDED IN MANUFACTURING BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		156,195	143,851	146,453	154,604	169,316
NCR	Metro Manila	68,692	60,818	61,014	63,867	69,304
CAR	Cordillera Administrative	-	-	-	2,072	2,505
1	Ilocos Region	3,132	2,695	2,879	1,060	1,126
2	Cagayan Valley	892	783	829	773	577
3	Central Luzon	15,053	15,453	15,633	17,241	20,213
4	Southern Tagalog	24,826	24,014	24,439	26,813	30,906
5	Bicol Region	317	271	280	286	298
6	Western Visayas	8,355	8,082	8,118	8,192	8,296
7	Central Visayas	8,974	7,709	8,204	8,601	8,915
8	Eastern Visayas	3,915	3,599	3,417	3,597	4,387
9	Western Mindanao	1,775	1,670	1,812	1,835	1,906
10	Northern Mindanao	6,921	6,432	6,883	6,987	7,191
11	Southern Mindanao	7,884	7,348	7,811	7,983	8,198
12	Central Mindanao	5,462	4,978	5,134	5,297	5,495
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.35 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1996
230,163	267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305
102,765	114,946	132,560	137,380	147,230	168,631	189,575	214,044	236,740
3,409	3,774	4,521	4,839	6,813	9,282	11,210	13,352	16,908
1,667	1,916	2,286	2,391	2,737	3,033	3,556	4,001	4,437
836	938	1,088	1,130	1,867	2,118	1,512	1,735	1,887
18,555	24,445	29,914	30,645	32,944	35,494	39,226	43,320	46,307
36,340	45,604	59,132	58,660	60,113	65,730	71,402	80,335	85,502
437	504	527	587	682	767	815	927	980
12,856	14,185	14,768	16,709	18,036	20,341	21,940	25,405	26,839
13,848	16,214	19,138	20,131	20,471	23,842	26,575	29,765	33,122
6,799	7,469	8,602	8,500	9,323	10,279	12,103	12,948	13,818
2,764	3,280	3,878	3,749	4,028	4,431	4,862	5,615	5,923
10,173	11,827	14,392	15,903	15,085	16,662	17,909	20,659	21,796
11,510	13,302	15,036	15,457	17,327	19,243	21,220	24,858	26,471
8,202	9,081	10,097	10,757	12,276	13,234	15,540	17,491	18,576
-	-	-	-	663	723	800	935	1,000

Table 3.36 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
179,152	183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672
75,538	76,579	75,555	71,300	70,676	74,012	80,492	84,343	89,388
2,558	2,732	2,793	2,837	3,791	4,569	5,069	5,918	7,194
1,246	1,264	1,301	1,252	1,356	1,401	1,546	1,611	1,705
607	629	632	593	916	961	631	670	701
19,694	21,370	20,187	21,713	22,672	23,928	25,510	27,005	27,500
33,112	35,020	35,961	36,652	36,056	37,642	39,816	42,640	43,471
313	319	296	301	321	336	338	351	356
8,495	8,305	7,789	8,328	8,582	8,975	9,338	9,764	9,929
9,637	9,906	10,264	10,023	9,452	10,039	10,666	11,240	11,934
4,487	4,308	4,411	3,987	4,153	4,292	4,843	4,906	5,021
1,973	2,034	2,084	1,873	1,911	1,929	2,026	2,139	2,176
7,415	7,425	7,901	7,861	7,033	7,275	7,382	7,674	7,751
8,431	8,564	8,495	7,949	8,406	8,789	8,938	9,479	9,602
5,647	5,472	5,443	5,278	5,650	5,898	6,358	6,541	6,604
-	-	-	-	314	327	317	332	339

**Table 3.37**  
**GROSS VALUE ADDED IN CONSTRUCTION BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		48,727	29,037	29,784	37,104	42,814
NCR	Metro Manila	14,490	10,943	11,356	14,408	18,050
CAR	Cordillera Administrative	-	-	-	798	881
1	Ilocos Region	1,649	1,091	1,234	1,414	1,560
2	Cagayan Valley	2,829	1,459	1,369	951	1,055
3	Central Luzon	5,772	3,229	3,308	3,869	4,318
4	Southern Tagalog	7,616	3,872	3,934	4,936	5,574
5	Bicol Region	2,270	1,452	1,370	1,494	1,642
6	Western Visayas	2,243	1,229	1,324	1,477	1,587
7	Central Visayas	2,685	1,224	1,335	1,841	1,972
8	Eastern Visayas	1,607	678	631	869	726
9	Western Mindanao	1,338	679	808	870	772
10	Northern Mindanao	2,007	788	759	1,076	1,178
11	Southern Mindanao	2,319	1,100	1,142	1,684	1,953
12	Central Mindanao	1,901	1,294	1,214	1,416	1,544
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.38**  
**GROSS VALUE ADDED IN CONSTRUCTION BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		56,027	29,037	28,547	31,742	33,235
NCR	Metro Manila	16,741	10,943	10,939	12,513	14,136
CAR	Cordillera Administrative	-	-	-	669	679
1	Ilocos Region	1,947	1,091	1,178	1,195	1,220
2	Cagayan Valley	3,205	1,459	1,302	795	802
3	Central Luzon	6,599	3,229	3,182	3,265	3,297
4	Southern Tagalog	8,770	3,872	3,740	4,189	4,287
5	Bicol Region	2,576	1,452	1,311	1,257	1,251
6	Western Visayas	2,543	1,229	1,265	1,263	1,248
7	Central Visayas	3,058	1,224	1,267	1,564	1,521
8	Eastern Visayas	1,826	678	604	735	557
9	Western Mindanao	1,527	679	772	732	595
10	Northern Mindanao	2,311	788	729	917	913
11	Southern Mindanao	2,724	1,100	1,103	1,459	1,545
12	Central Mindanao	2,200	1,294	1,156	1,190	1,185
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.37 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
57,281	64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116
24,189	23,682	24,557	23,170	25,239	30,130	32,073	37,548	47,556
1,516	2,742	2,380	1,014	959	1,416	1,708	2,102	2,656
2,350	3,968	3,719	1,902	2,235	3,877	4,519	5,291	6,501
1,735	3,040	2,732	1,272	1,191	1,547	1,829	2,352	2,900
4,693	5,939	6,782	11,797	13,145	12,326	14,002	15,928	19,992
7,247	8,471	7,794	9,342	11,134	15,110	16,273	20,746	25,656
1,777	2,006	1,962	3,024	3,466	3,685	4,304	4,876	5,711
2,950	2,726	1,856	2,824	3,771	4,040	4,390	5,665	6,497
2,959	3,643	2,920	4,010	4,487	6,155	6,653	8,606	10,805
685	1,024	1,168	1,387	1,756	2,205	2,504	3,305	3,617
1,040	1,359	954	1,368	2,099	2,582	2,951	3,492	4,030
1,523	1,651	1,446	1,686	2,437	3,862	4,688	5,579	6,519
2,469	2,763	2,162	2,580	3,582	5,086	6,159	6,970	7,916
2,147	1,891	1,531	2,591	3,085	2,611	3,514	3,813	4,246
-	-	-	-	680	860	1,070	1,320	1,513

Table 3.38 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
39,878	41,859	35,285	36,261	38,344	41,774	44,492	49,339	57,322
16,582	14,883	13,626	12,020	11,906	12,762	13,108	14,558	16,941
1,047	1,789	1,395	566	476	634	721	831	1,003
1,665	2,584	2,199	1,064	1,071	1,683	1,864	2,021	2,380
1,225	1,990	1,595	693	595	713	795	928	1,094
3,368	3,911	3,998	6,439	6,433	5,495	5,892	6,261	7,476
4,867	5,303	4,238	4,953	5,520	6,811	6,991	8,013	9,523
1,273	1,378	1,159	1,662	1,703	1,641	1,803	1,840	2,117
2,130	1,831	1,095	1,520	1,775	1,728	1,792	2,151	2,382
2,156	2,417	1,634	2,073	2,140	2,625	2,690	3,197	3,889
499	676	658	724	842	953	1,023	1,252	1,344
723	893	569	758	1,030	1,149	1,237	1,294	1,418
1,076	1,080	817	894	1,177	1,675	1,941	2,130	2,435
1,752	1,870	1,354	1,453	1,813	2,330	2,684	2,812	3,088
1,515	1,254	950	1,442	1,528	1,190	1,498	1,541	1,660
-	-	-	-	335	385	451	512	572



**Table 3.39**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		12,779	15,767	16,642	14,009	18,084
NCR	Metro Manila	3,122	3,672	3,997	3,624	4,478
CAR	Cordillera Administrative	-	-	-	682	916
1	Ilocos Region	316	395	414	106	131
2	Cagayan Valley	529	715	729	141	192
3	Central Luzon	1,623	1,866	1,924	1,466	1,764
4	Southern Tagalog	3,087	3,981	4,159	3,563	4,901
5	Bicol Region	1,247	1,533	1,618	1,270	1,628
6	Western Visayas	344	424	468	393	464
7	Central Visayas	638	851	882	743	997
8	Eastern Visayas	316	371	386	317	362
9	Western Mindanao	88	133	142	127	140
10	Northern Mindanao	724	884	914	679	892
11	Southern Mindanao	104	157	174	169	203
12	Central Mindanao	640	784	834	730	1,015
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.40**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region		1984	1985	1986	1987	1988
Philippines		16,857	15,767	17,851	15,811	17,797
NCR	Metro Manila	3,960	3,672	4,159	3,846	4,228
CAR	Cordillera Administrative	-	-	-	771	877
1	Ilocos Region	398	395	448	121	132
2	Cagayan Valley	822	715	791	155	184
3	Central Luzon	1,936	1,866	2,100	1,741	1,792
4	Southern Tagalog	4,120	3,981	4,645	4,279	5,189
5	Bicol Region	1,694	1,533	1,692	1,438	1,617
6	Western Visayas	487	424	504	437	439
7	Central Visayas	917	851	941	819	921
8	Eastern Visayas	470	371	388	326	321
9	Western Mindanao	133	133	148	138	131
10	Northern Mindanao	944	884	958	762	837
11	Southern Mindanao	156	157	171	166	168
12	Central Mindanao	820	784	906	811	962
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.39 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
20,074	22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054
5,025	5,538	8,307	9,408	9,895	12,060	13,085	15,169	17,568
976	1,014	1,344	1,590	1,867	2,159	2,270	2,541	2,830
138	141	190	215	236	324	362	430	519
234	256	301	362	436	539	601	703	815
2,015	2,114	2,488	2,976	3,671	4,411	4,922	5,700	6,769
5,379	6,492	8,036	8,531	8,780	10,944	12,083	13,819	16,218
1,776	1,787	2,124	2,362	2,767	3,439	3,769	4,177	4,927
549	633	750	978	1,155	1,410	1,564	1,828	2,143
1,083	1,214	1,658	1,963	2,357	2,985	3,350	3,890	4,532
382	448	573	655	779	969	1,080	1,258	1,491
147	152	247	331	330	434	483	546	623
1,069	1,085	1,260	1,341	1,694	2,118	2,371	2,648	2,947
244	258	307	381	438	540	600	714	861
1,059	1,168	1,514	1,650	1,326	1,715	1,925	2,254	2,643
-	-	-	-	687	848	945	1,049	1,169

Table 3.40 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
18,756	18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357
4,421	4,442	5,562	5,650	5,534	6,495	7,206	7,729	8,078
900	804	869	1,000	1,080	1,105	1,199	1,284	1,322
132	120	128	135	132	158	183	196	209
218	212	200	215	239	272	312	330	340
1,908	1,815	1,645	1,783	2,083	2,273	2,595	2,808	2,973
5,503	5,904	5,707	5,361	5,090	5,758	6,551	7,083	7,440
1,699	1,524	1,445	1,439	1,553	1,795	2,043	2,202	2,326
494	521	527	616	681	793	912	974	1,028
920	925	1,016	1,100	1,220	1,362	1,566	1,668	1,751
317	344	354	366	403	476	545	574	616
131	117	154	176	161	190	217	231	236
961	859	821	757	870	1,018	1,166	1,252	1,285
188	176	172	190	201	227	255	272	290
963	912	952	896	665	744	859	922	969
-	-	-	-	342	395	452	483	493

**Table 3.41**  
**GROSS VALUE ADDED IN THE SERVICE SECTOR BY REGION**  
**1984 to 1997**  
(In million pesos: at current prices)

Region		1984	1985	1986	1987	1988
Philippines		195,839	230,782	252,553	283,743	334,711
NCR	Metro Manila	76,344	88,813	100,550	116,998	141,188
CAR	Cordillera Administrative	-	-	-	2,988	3,549
1	Ilocos Region	7,295	8,821	9,484	8,565	9,749
2	Cagayan Valley	4,503	5,372	5,754	4,942	5,677
3	Central Luzon	16,885	20,123	21,034	23,000	26,001
4	Southern Tagalog	21,419	25,193	27,315	30,525	34,899
5	Bicol Region	5,850	7,128	7,578	8,314	9,685
6	Western Visayas	14,099	16,701	17,544	19,516	23,150
7	Central Visayas	15,497	18,235	19,708	21,739	26,229
8	Eastern Visayas	4,229	5,098	5,535	5,996	6,908
9	Western Mindanao	5,203	6,071	6,413	6,790	7,793
10	Northern Mindanao	8,926	10,448	11,218	12,174	14,202
11	Southern Mindanao	11,245	13,560	14,898	16,347	19,003
12	Central Mindanao	4,343	5,218	5,522	5,850	6,677
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.42**  
**GROSS VALUE ADDED IN THE SERVICE SECTOR BY REGION**  
**1984 to 1997**  
(In million pesos: at constant 1985 prices)

Region/Year		1984	1985	1986	1987	1988
Philippines		235,677	230,782	240,534	253,121	271,238
NCR	Metro Manila	91,516	88,813	93,246	100,383	109,599
CAR	Cordillera Administrative	-	-	-	2,674	2,915
1	Ilocos Region	8,795	8,821	9,097	7,785	8,063
2	Cagayan Valley	5,450	5,372	5,467	4,411	4,560
3	Central Luzon	20,395	20,123	20,284	20,945	21,853
4	Southern Tagalog	25,585	25,193	26,371	27,902	28,980
5	Bicol Region	7,210	7,128	7,289	7,491	7,978
6	Western Visayas	17,260	16,701	17,173	18,227	19,888
7	Central Visayas	18,469	18,235	19,433	20,275	22,248
8	Eastern Visayas	5,104	5,098	5,180	5,254	5,486
9	Western Mindanao	6,220	6,071	6,273	6,277	6,547
10	Northern Mindanao	10,657	10,448	11,040	11,266	12,070
11	Southern Mindanao	13,707	13,560	14,416	15,019	15,606
12	Central Mindanao	5,308	5,218	5,264	5,214	5,444
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.41 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
392,471	469,934	561,638	612,823	674,010	769,716	882,657	1,027,238	1,191,308
166,610	203,443	244,355	267,771	292,948	337,960	389,206	453,689	533,774
4,740	5,437	6,424	7,255	8,493	9,823	11,284	13,568	15,756
11,102	13,016	15,127	16,834	19,046	21,728	24,851	28,889	33,456
6,413	7,780	9,133	9,915	11,061	12,629	14,418	16,824	19,763
29,657	34,813	40,929	44,227	48,514	55,062	62,009	71,803	82,794
41,476	49,471	60,555	66,706	73,135	83,196	95,291	111,569	127,760
11,205	13,193	15,496	16,894	18,817	21,717	24,551	28,879	33,499
26,978	32,201	38,502	41,603	46,207	51,617	58,812	68,685	77,490
30,781	36,250	43,817	47,348	51,592	57,907	66,099	76,053	86,960
7,981	9,263	10,838	11,825	13,379	15,143	17,240	20,444	23,589
9,106	10,640	12,751	13,856	12,954	14,776	17,306	19,801	22,612
16,869	19,721	22,967	24,298	26,888	30,559	34,994	40,292	46,068
21,962	25,885	30,279	32,963	36,193	40,613	46,759	53,871	60,932
7,590	8,820	10,466	11,328	11,026	12,688	14,539	16,653	19,401
-	-	-	-	3,757	4,296	5,299	6,217	7,454

Table 3.42 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
290,310	304,409	304,866	307,986	315,643	329,006	345,518	367,544	387,616
118,123	125,850	126,230	126,495	128,033	134,079	141,362	150,866	161,101
3,440	3,426	3,433	3,522	3,762	3,902	4,042	4,367	4,579
8,402	8,576	8,518	8,674	8,960	9,308	9,674	10,215	10,728
4,717	4,880	4,863	4,908	5,078	5,279	5,506	5,835	6,101
23,205	24,022	23,584	23,872	24,591	25,536	26,639	28,145	29,222
31,099	32,461	32,911	33,576	34,720	36,173	38,096	40,625	42,651
8,388	8,698	8,700	8,777	9,108	9,519	9,746	10,288	10,702
21,305	22,137	22,202	22,659	23,364	24,179	25,250	27,018	28,110
23,868	24,869	25,157	25,586	26,324	27,435	29,026	30,815	32,399
5,727	5,868	5,844	5,891	6,173	6,331	6,493	6,857	7,077
6,911	7,141	7,142	7,276	6,381	6,605	6,890	7,244	7,531
12,804	13,411	13,270	13,445	13,938	14,479	15,201	16,065	16,890
16,649	17,236	17,113	17,343	17,970	18,674	19,699	20,921	21,886
5,671	5,834	5,900	5,960	5,443	5,667	5,887	6,161	6,406
-	-	-	-	1,799	1,842	2,007	2,121	2,232

**Table 3.43**  
**PER CAPITA GROSS REGIONAL DOMESTIC PRODUCT**  
**1984 to 1997**  
**(At current prices)**

Region		1984	1985	1986	1987	1988
Philippines		9,831	10,461	10,872	11,904	13,610
NCR	Metro Manila	22,353	23,660	25,200	28,374	33,218
CAR	Cordillera Administrative	-	-	-	12,700	14,121
1	Ilocos Region	5,512	6,414	7,362	6,125	6,797
2	Cagayan Valley	5,869	6,073	6,027	6,214	7,095
3	Central Luzon	9,093	9,856	9,885	10,477	11,600
4	Southern Tagalog	11,167	11,654	11,936	12,813	14,873
5	Bicol Region	4,561	4,938	4,954	5,020	5,681
6	Western Visayas	7,638	8,330	8,515	9,185	10,528
7	Central Visayas	8,181	8,523	8,971	9,933	11,667
8	Eastern Visayas	5,053	5,278	5,213	5,695	6,656
9	Western Mindanao	6,305	6,483	6,673	6,981	7,712
10	Northern Mindanao	9,418	10,199	10,471	11,319	12,299
11	Southern Mindanao	11,003	11,399	11,567	13,426	14,494
12	Central Mindanao	8,111	8,642	8,837	9,476	10,688
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

Notes: 1. Per capita GRDP used Population Projection (Series 2) based on 1990 Census of Population and Housing.  
2. See additional notes on Table 3.29.

Source: National Statistical Coordination Board.

**Table 3.44**  
**PER CAPITA GROSS REGIONAL DOMESTIC PRODUCT**  
**1984 to 1997**  
**(At constant 1985 prices)**

Region		1984	1985	1986	1987	1988
Philippines		11,564	10,461	10,560	10,756	11,215
NCR	Metro Manila	26,841	23,660	23,695	24,559	26,090
CAR	Cordillera Administrative	-	-	-	10,522	11,066
1	Ilocos Region	6,518	6,414	6,773	5,497	5,675
2	Cagayan Valley	6,965	6,073	6,064	5,695	5,942
3	Central Luzon	10,712	9,856	9,813	10,035	10,546
4	Southern Tagalog	13,047	11,654	11,866	12,150	12,784
5	Bicol Region	5,349	4,938	4,868	4,607	4,789
6	Western Visayas	9,292	8,330	8,364	8,427	8,586
7	Central Visayas	9,686	8,523	8,808	9,093	9,696
8	Eastern Visayas	5,814	5,278	5,132	5,078	5,334
9	Western Mindanao	7,137	6,483	6,544	6,410	6,393
10	Northern Mindanao	10,801	10,199	10,185	10,263	10,356
11	Southern Mindanao	12,234	11,399	11,520	12,000	11,784
12	Central Mindanao	9,355	8,642	8,849	8,632	8,800
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

Notes: 1. Per capita GRDP used Population Projection (Series 2) based on 1990 Census of Population and Housing.  
2. See additional notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.43 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
15,399	17,522	19,852	21,032	22,013	24,670	27,124	30,208	32,963
38,438	43,593	50,107	52,235	54,521	61,536	68,429	77,451	88,101
15,922	17,608	20,118	19,979	21,799	25,806	28,912	31,906	36,344
7,801	9,246	10,155	10,179	10,820	12,577	14,589	16,514	17,926
8,153	9,601	9,989	10,306	11,542	13,213	14,882	16,789	17,508
12,538	14,966	16,989	18,403	18,990	20,499	22,316	24,963	27,077
16,506	19,225	22,676	24,076	23,718	26,543	28,210	31,203	33,431
6,417	7,276	8,073	8,648	10,321	11,518	12,447	13,628	14,936
11,961	13,337	14,753	16,139	17,943	19,671	21,464	24,051	25,285
13,625	15,331	17,618	18,561	18,805	21,018	23,008	25,851	28,656
7,465	8,413	9,373	9,963	11,398	12,665	13,568	15,273	16,264
8,462	9,760	10,778	11,715	15,155	16,992	18,306	19,011	20,001
13,938	15,248	16,926	18,134	19,150	21,837	23,761	25,582	26,349
15,663	17,229	18,589	19,898	19,731	22,150	24,508	26,840	27,918
11,990	12,853	13,581	14,949	18,085	19,595	22,943	24,950	26,205
-	-	-	-	6,395	7,720	9,047	9,764	10,251

Table 3.44 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
11,639	11,722	11,397	11,188	10,961	11,168	11,417	11,810	12,145
27,634	27,810	27,020	25,712	24,793	25,493	26,559	27,682	29,047
11,769	11,772	11,941	11,326	11,561	12,271	12,087	12,623	13,948
5,920	6,222	6,031	5,581	5,388	5,638	6,010	6,177	6,503
6,103	6,292	5,818	5,399	5,591	5,824	5,950	6,171	6,414
10,689	11,112	10,555	11,013	10,668	10,763	10,951	11,355	11,594
13,293	13,511	13,213	13,324	12,477	12,716	12,915	13,444	13,620
4,901	4,942	4,847	4,781	5,224	5,258	5,238	5,360	5,511
9,020	8,947	8,715	9,032	9,405	9,464	9,358	9,831	9,818
10,111	10,224	9,992	9,838	9,464	9,621	9,914	10,332	10,652
5,263	5,155	5,087	4,909	5,305	5,336	5,378	5,509	5,594
6,462	6,614	6,368	6,362	7,620	7,507	7,548	7,423	7,593
10,582	10,262	10,012	9,835	9,721	9,917	10,184	10,183	10,238
11,808	11,554	11,306	10,787	10,169	10,254	10,148	10,379	10,529
8,847	8,484	8,124	7,908	9,021	8,953	9,285	9,439	9,563
-	-	-	-	3,439	3,612	3,866	3,995	3,944

**Table 3.45**  
**MATRIX OF DOMESTIC TECHNICAL COEFFICIENTS: INTER-INDUSTRY ACCOUNTS**  
**1990**

Commodity	01	02	03	04
01 Agriculture, fishery and forestry	0.1603010	0.0016751	0.1940736	0.0222551
02 Mining and quarrying	0.0000196	0.0003332	0.0200187	0.0127057
03 Manufacturing	0.0815264	0.1464073	0.1743072	0.2924747
04 Construction	0.0001715	0.0038321	0.0001335	0.0000004
05 Electricity, gas and water	0.0071369	0.0171481	0.0131740	0.0021449
06 Transportation, communication and storage	0.0093371	0.0234058	0.0103303	0.0329330
07 Trade	0.0184457	0.0394011	0.0376033	0.0406661
08 Finance & insurance	0.0034896	0.0089707	0.0066642	0.0092605
09 Real estate	0.0001309	0.0006000	0.0008644	0.0007069
10 Private services	0.0055460	0.0216814	0.0067280	0.0091989
11 Government services	0.0000000	0.0000000	0.0000000	0.0030387
INTERMEDIATE INPUT	0.2861047	0.2634548	0.4638971	0.4223462
Imports	0.0298189	0.1675523	0.2254984	0.1242463
Compensation of employees	0.2069439	0.1425089	0.0615006	0.1442056
Depreciation	0.0030531	0.1007762	0.0241214	0.0069843
Indirect taxes less subsidies	0.0102113	0.0045650	0.0304362	0.0089051
Operating Surplus	0.4638680	0.3211427	0.1945463	0.2902737
Gross Value Added	0.6840764	0.5689929	0.3106045	0.4503687
TOTAL PRIMARY INPUT	0.7138953	0.7365452	0.5361029	0.5746150
TOTAL INPUT	1.0000000	1.0000000	1.0000000	0.9969613

Source: National Statistical Coordination Board

Table 3.45 (continued)

05	06	07	08	09	10	11
0.0087072	0.0004517	0.0003163	0.0000000	0.0000001	0.0303742	0.0012669
0.0055593	0.0000000	0.0000063	0.0000000	0.0002640	0.0015957	0.0000000
0.2484094	0.2238176	0.0529217	0.0448220	0.0280100	0.1892606	0.0736781
0.0013217	0.0003414	0.0006830	0.0032509	0.0926950	0.0010458	0.0005106
0.0141596	0.0083774	0.0145570	0.0166733	0.0050846	0.0301839	0.0126099
0.0018599	0.0667972	0.0595130	0.0422348	0.0039448	0.0264478	0.0145079
0.0443729	0.0501541	0.0066702	0.0072237	0.0044514	0.0277803	0.0225721
0.0257395	0.0272998	0.0405947	0.0396292	0.0122449	0.0108183	0.0270669
0.0000508	0.0059055	0.0266902	0.0241940	0.0019968	0.0116944	0.0069331
0.0046548	0.0653007	0.0241921	0.0573041	0.0233562	0.0694475	0.0822190
0.0000000	0.0000000	0.0000000	0.0000000	0.0000015	0.0000071	0.0027061
0.3548350	0.4484455	0.2261445	0.2353319	0.1720477	0.3986485	0.2413643
0.0748310	0.1063627	0.0440824	0.0337404	0.0033045	0.0690163	0.0774117
0.1135345	0.1222894	0.1785210	0.1609354	0.0290517	0.1725605	0.6427931
0.4242362	0.0536637	0.0269063	0.0663742	0.2767202	0.0271800	0.0251827
0.0116585	0.0141692	0.0235233	0.0341144	0.0056185	0.0217684	0.0080122
0.0209048	0.2550696	0.5008225	0.4695037	0.5132559	0.3108191	0.0025299
0.5703340	0.4451918	0.7297731	0.7309277	0.8246462	0.5323280	0.6785179
0.6451650	0.5515545	0.7738555	0.7646681	0.8279508	0.6013443	0.7559295
1.0000000	1.0000000	1.0000000	1.0000000	0.9999985	0.9999929	0.9972939



**Table 3.46**  
**MATRIX OF INVERSE COEFFICIENTS,  $(I-A)^{-1}$  : INTER-INDUSTRY ACCOUNTS**  
**1990**

Commodity	01	02	03	04	05
01 Agriculture, fishery and forestry	1.2224616	0.0524857	0.2933556	0.1189734	0.0877114
02 Mining and quarrying	0.0027995	1.0048119	0.0255001	0.0207441	0.0123614
03 Manufacturing	0.1341643	0.2120106	1.2654158	0.3959233	0.3311812
04 Construction	0.0004526	0.0043366	0.0007618	1.0006516	0.0019071
05 Electricity, gas and water	0.0117356	0.0229579	0.0212415	0.0109936	1.0216369
06 Transportation, communication and sto	0.0163707	0.0331916	0.0223748	0.0468622	0.0127745
07 Trade	0.0296239	0.0527039	0.0570246	0.0626272	0.0616349
08 Finance and insurance	0.0075761	0.0152559	0.0139264	0.0176592	0.0332856
09 Real estate	0.0014786	0.0031278	0.0033293	0.0037205	0.0030419
10 Private services	0.0108069	0.0301335	0.0155994	0.0203687	0.0129599
11 Government services	0.0000015	0.0000134	0.0000024	0.0030491	0.0000059
OUTPUT MULTIPLIER	1.4374713	1.4310289	1.7185318	1.7015728	1.5785007
Backward Linkage	0.9492980	0.9450435	1.1349088	1.1237091	1.0424330
Rank	6.0000000	7.0000000	2.0000000	3.0000000	5.0000000

Source: National Statistical Coordination Board.

Table 3.46 (continued)

06	07	08	09	10	11	Forward Linkage	Rank
0.0815648	0.0265565	0.0263283	0.0229972	0.1063417	0.0358244	1.3700545	2.0
0.0069943	0.0023517	0.0023445	0.0032197	0.0077618	0.0029353	0.7210346	10.0
0.3360372	0.1061215	0.1010359	0.0838193	0.2882448	0.1324256	2.2363461	1.0
0.0017241	0.0036779	0.0060705	0.0931356	0.0027634	0.0017416	0.7378076	8.0
0.0187729	0.0193293	0.0221916	0.0081835	0.0393661	0.0191254	0.8027981	7.0
1.0851874	0.0698289	0.0523006	0.0112165	0.0392856	0.0239625	0.9333719	5.0
0.0728850	1.0173428	0.0179887	0.0139046	0.0475519	0.0336532	0.9687594	4.0
0.0382218	0.0471767	1.0461244	0.0158476	0.0190614	0.0331660	0.8501265	6.0
0.0105880	0.0292878	0.0270734	1.0033103	0.0149324	0.0100459	0.7329954	9.0
0.0838565	0.0361033	0.0703537	0.0291118	1.0832964	0.0947985	0.9822631	3.0
0.0000059	0.0000115	0.0000190	0.0002855	0.0000162	1.0027195	0.6644426	11.0
1.7358379	1.3577879	1.3719307	1.2850316	1.6486219	1.3903979		
1.1463376	0.8966755	0.9060153	0.8486276	1.0887406	0.9182109		
1.0000000	10.0000000	9.0000000	11.0000000	4.0000000	8.0000000		

## **4 ENVIRONMENT AND NATURAL RESOURCES**

This chapter is concerned with statistics on environment and natural resources. The data included in this chapter are those on land classification, land use, mining, forestry, and environment.

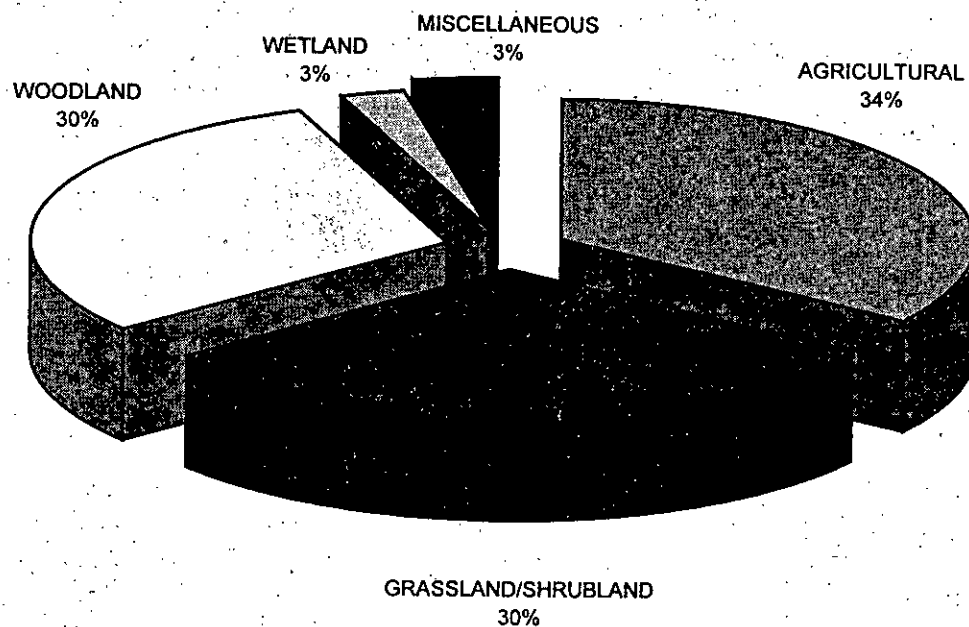
Data on land classification are generated by the National Mapping and Resource Information Authority of the Department of Environment and Natural Resources (DENR) through its program of surveys using aerial photogrammetry where air strips are used for estimation purposes. In the case of land use, there are varying sources of the data and the one presented here is based on the inventory of land use undertaken in 1991 by the Bureau of Soils and Water Management of the Department of Agriculture.

Forestry statistics such as production of forest products are compiled by the Forest Management Bureau (FMB) as by-products of its administrative and regulatory functions while the data on area reforested and forest destruction are generated by the DENR Planning Office. Statistics on mineral production and reserves are obtained through the administrative reports submitted by the mining companies to the Mines and Geo-Sciences Bureau (MGB). Statistics on mineral reserves are also gathered by the MGB through its geological surveys. Both the MGB and the FMB are under the DENR.

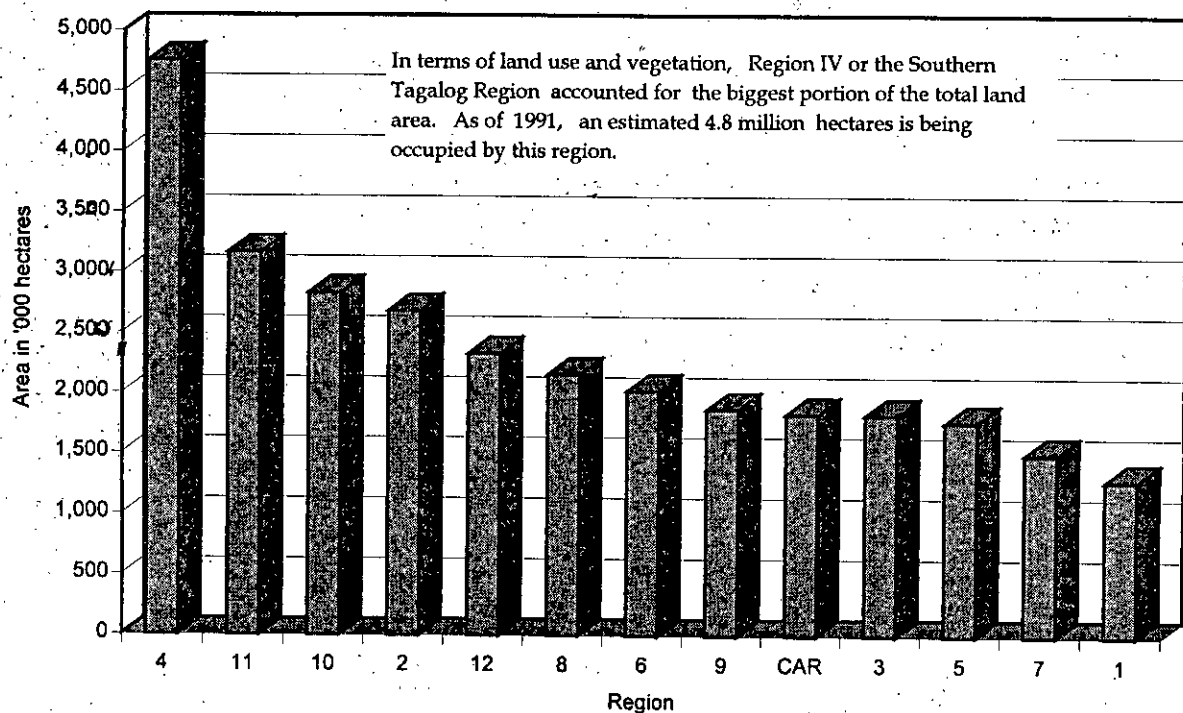
Statistics on environment include the average concentration of suspended particulates in the atmosphere being monitored by the Environmental Management Bureau of the DENR as well as the climatic conditions compiled by the Philippine Atmospheric, Geophysical and Astronomical Services Administration of the Department of Science and Technology.

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**Figure 4.1 DISTRIBUTION OF LAND USE/VEGETATION, PHILIPPINES: 1991**



**Figure 4.2 DISTRIBUTION OF LAND USE/VEGETATION BY REGION: 1991**



**Table 4.1**  
**STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE**  
**As of December 1996**  
**(In hectares)**

Region/Province		Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Forest Land
Philippines		30,000,000	14,117,244	15,882,756	881,157
NCR	NATIONAL CAPITAL REGION	63,600	48,232	15,368	14,740
CAR	CORDILLERA ADMINISTRATIVE REGION	1,829,368	340,656	1,488,712	21,135
	Abra	397,555	98,420	299,135	8,105
	Benguet	265,538	87,897	177,641	13,030
	Ifugao	251,778	25,409	226,369	-
	Kalinga Apayao	704,764	80,679	624,085	-
	Mt. Province	209,733	48,251	161,482	-
1	ILOCOS REGION	1,284,019	810,062	473,957	33,155
	Ilocos Norte	339,934	144,948	194,986	-
	Ilocos Sur	257,958	138,412	119,546	26,176
	La Union	149,309	120,307	29,002	4,132
	Pangasinan	536,818	406,395	130,423	2,847
2	CAGAYAN VALLEY	2,683,758	960,064	1,723,694	146,305
	Batanes	20,928	7,432	13,496	-
	Cagayan	900,267	353,193	547,074	6,250
	Isabela	1,066,456	459,666	606,790	0
	Nueva Vizcaya	390,387	88,921	301,466	45,105
	Quirino	305,720	50,852	254,868	94,950
3	CENTRAL LUZON	1,823,082	1,051,908	771,174	26,874
	Bataan	137,296	69,325	67,971	-
	Bulacan	262,500	185,333	77,167	414
	Nueva Ecija	528,433	330,985	197,448	13,726
	Pampanga	218,068	164,912	53,156	12,734
	Tarlac	305,345	184,975	120,370	-
	Zambales	371,440	116,378	255,062	-
4	SOUTHERN TAGALOG	4,692,416	2,161,264	2,531,152	160,308
	Aurora	323,954	132,008	191,946	-
	Batangas	316,581	265,419	51,162	9,102
	Cavite	128,755	100,550	28,205	12,625
	Laguna	175,973	134,720	41,253	-
	Marinduque	95,925	73,720	22,205	-
	Mindoro Occidental	587,985	156,004	431,981	49,531
	Mindoro Oriental	436,472	222,573	213,899	11,312
	Palawan	1,489,626	447,776	1,041,850	-
	Quezon	870,660	472,361	398,299	49,696
	Rizal	130,892	63,889	67,003	-
	Romblon	135,593	92,244	43,349	28,042
5	BICOL REGION	1,763,249	1,222,060	541,189	29,873
	Albay	255,257	206,205	49,052	-
	Camarines Norte	211,249	140,030	71,219	12,872
	Camarines Sur	526,682	365,551	161,131	4,354
	Catanduanes	151,148	73,325	77,823	549
	Masbate	404,769	263,384	141,385	1,846
	Sorsogon	214,144	173,565	40,579	10,252

Table 4.1 (continued)

Total Classified Public Forest	Established for Residence	Established Timberland	National Parks GRBS/WA	Military & Naval Reservation	Civil Reservation	Fishpond Development
15,001,599	3,272,912	10,015,866	1,340,997	130,330	165,946	75,548
628	-	237	59	-	-	332
1,467,577	804,795	655,321	6,907	554	-	-
291,030	258,743	32,230	57	-	-	-
164,611	19,735	138,810	5,512	554	-	-
226,369	28,467	197,902	-	-	-	-
624,085	374,997	247,750	1,338	-	-	-
161,482	122,853	38,629	-	-	-	-
440,802	226,846	199,140	12,999	288	923	606
194,986	193,272	1,374	340	-	-	-
93,370	10,609	81,141	1,620	-	-	-
24,870	90	13,833	10,947	-	-	-
127,576	22,875	102,792	92	288	923	606
1,577,389	209,288	1,331,281	26,388	412	8,931	1,089
13,496	-	13,496	-	-	-	-
540,824	39,378	494,162	6,195	-	-	1,089
606,790	31,260	546,005	20,193	412	8,920	-
256,361	95,838	160,512	-	-	11	-
159,918	42,812	117,106	-	-	-	-
744,300	166,104	422,729	32,780	117,019	804	4,864
67,971	9,284	33,020	25,188	479	-	-
76,753	8,019	64,890	368	-	-	3,476
183,722	84,500	31,679	3,504	63,900	139	-
40,422	12,484	16,777	3,709	7,452	-	-
120,370	-	83,115	2	36,588	665	-
255,062	51,817	193,248	9	8,600	-	1,388
2,370,844	455,395	831,218	1,029,442	3,835	45,278	5,676
191,946	84,803	102,953	4,190	-	-	-
42,060	-	33,153	8,537	51	-	319
15,580	-	12,781	-	2,799	-	-
41,253	3,637	34,588	2,754	274	-	-
22,205	17,901	4,304	-	-	-	-
382,450	91,270	78,783	192,811	147	16,190	3,249
202,587	85,659	68,457	44,289	-	3,680	502
1,041,850	74,267	174,883	767,320	-	25,380	-
348,603	72,606	264,990	9,541	-	28	1,438
67,003	22,582	43,857	-	564	-	-
15,307	2,670	12,469	-	-	-	168
511,316	69,939	412,996	25,276	-	63	3,042
49,052	5,026	38,517	5,459	-	-	50
58,347	796	54,638	2,840	-	-	73
156,777	15,027	127,471	13,145	-	-	1,134
77,274	6,725	70,486	-	-	63	-
139,539	34,298	104,121	159	-	-	961
30,327	8,067	17,763	3,673	-	-	824

**Table 4.1 (continued)**  
**STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE**  
**As of December 1996**  
**(In hectares)**

	Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Forest Land
6	WESTERN VISAYAS	2,022,311	1,408,782	613,529	1,606
	Aklan	181,789	102,799	78,990	692
	Antique	252,201	144,728	107,473	-
	Capiz	263,317	169,515	93,802	86
	Iloilo	532,397	396,149	136,248	-
	Negros Occidental	792,607	595,591	197,016	828
7	CENTRAL VISAYAS	1,495,142	959,223	535,919	69,555
	Bohol	411,726	310,455	101,271	-
	Cebu	508,839	367,748	141,091	-
	Negros Oriental	540,227	258,841	281,386	63,091
	Siquijor	34,350	22,179	12,171	6,464
8	EASTERN VISAYAS	2,143,169	1,023,715	1,119,454	38,925
	Northern Leyte	626,826	410,182	216,644	19,350
	Southern Leyte	173,480	125,961	47,519	19,575
	Eastern Samar	433,965	142,982	290,983	-
	Northern Samar	349,798	148,134	201,664	-
	Western Samar	559,100	196,456	362,644	-
9	WESTERN MINDANAO	1,599,734	762,252	837,482	26,871
	Basilan	132,723	85,574	47,149	5,953
	Zamboanga del Norte	661,811	262,384	399,427	4,825
	Zamboanga del Sur	805,200	414,294	390,906	16,093
10	NORTHERN MINDANAO	2,832,774	1,066,931	1,765,843	50,732
	Agusan del Norte	259,029	66,630	192,399	-
	Agusan del Sur	896,550	221,628	674,922	1,125
	Bukidnon	829,378	335,995	493,383	42,943
	Camiguin	22,980	20,771	2,209	-
	Misamis Occidental	193,932	125,375	68,557	-
	Misamis Oriental	357,003	174,959	182,044	-
	Surigao del Norte	273,902	121,573	152,329	6,664
11	SOUTHERN MINDANAO	3,169,275	1,212,440	1,956,835	116,774
	Davao del Norte	812,975	297,674	515,301	2,188
	Davao del Sur	637,762	239,015	398,747	-
	Davao Oriental	516,446	200,944	315,502	12,188
	South Cotabato	746,876	342,191	404,685	101,273
	Surigao del Sur	455,216	132,616	322,600	1,125
12	CENTRAL MINDANAO	1,437,274	546,828	890,446	49,631
	Lanao del Norte	309,204	158,473	150,731	-
	North Cotabato	656,590	149,972	506,618	3,825
	Sultan Kudarat	471,480	238,383	233,097	45,806
ARMM	AUTONOMOUS REGION IN MUSLIM MINDANAO	1,160,829	542,827	618,002	94,673
	Lanao del Sur	387,289	133,135	254,154	-
	Maguindanao	504,760	306,622	198,138	3,525
	Sulu	160,040	47,687	112,353	66,284
	Tawi-tawi	108,740	55,383	53,357	24,864

GRBS - Game Refuge and Bird Sanctuaries.

WA - Wilderness Areas.

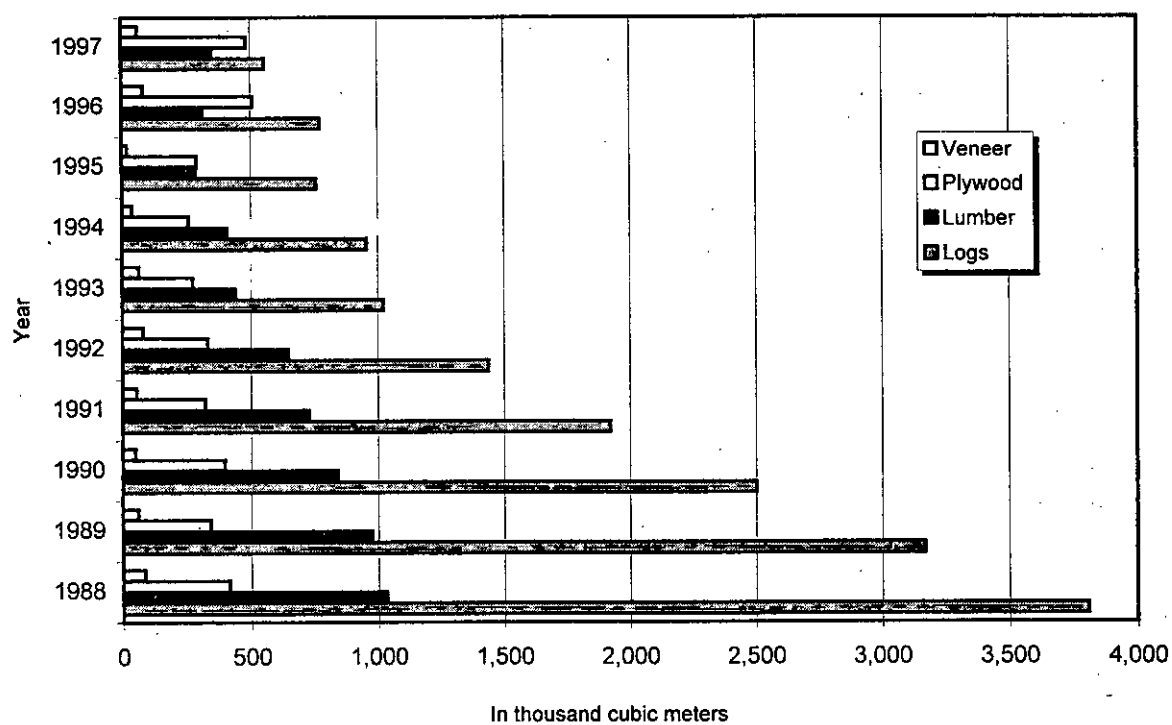
Source: National Mapping and Resource Information Authority.



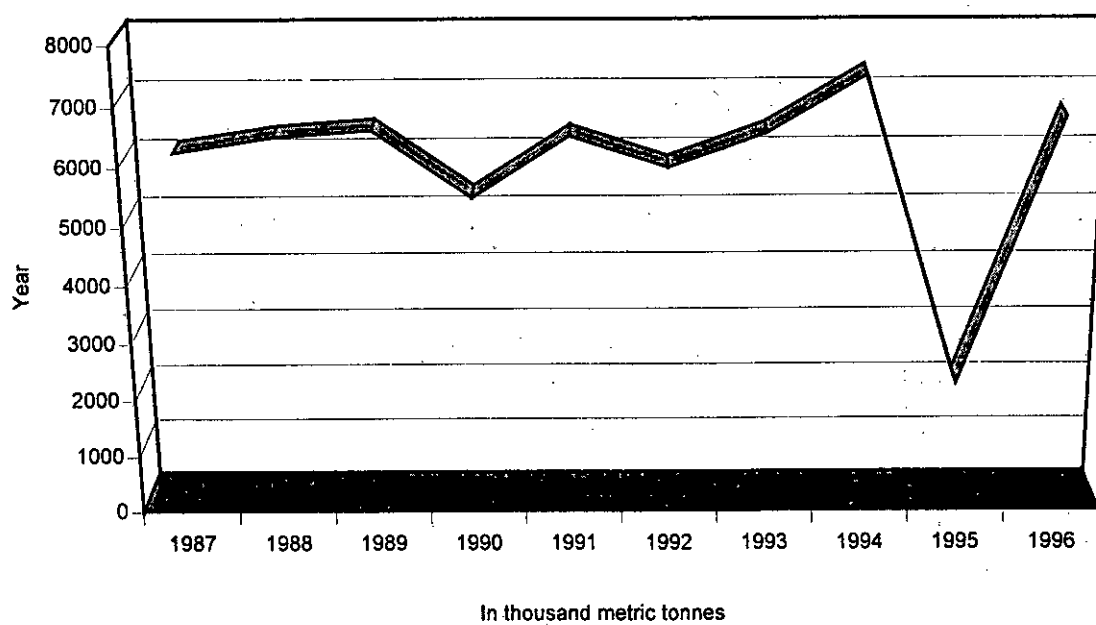
Table 4.1 (continued)

Total Classified Public Forest	Established for Residence	Established Timberland	National Parks GRBS/WA	Military & Naval Reservation	Civil Reservation	Fishpond Development
611,923	135,344	428,939	23,505	-	235	23,900
78,298	-	74,428	-	-	-	3,870
107,473	24,593	82,880	-	-	-	-
93,716	-	88,566	-	-	-	5,150
136,248	41,836	85,496	854	-	-	8,062
196,188	68,915	97,569	22,651	-	235	6,818
466,364	49,407	397,450	15,054	4	114	4,335
101,271	19,410	78,454	-	-	-	3,407
141,091	21,427	105,599	13,148	4	114	799
218,295	8,570	207,718	1,906	-	-	101
5,707	-	5,679	-	-	-	28
1,080,529	51,508	1,018,238	4,108	176	862	5,637
197,294	19,782	173,247	3,268	48	862	87
27,944	17,804	10,140	-	-	-	-
290,983	1,890	288,467	-	-	-	626
201,664	11,864	188,160	-	128	-	1,512
362,644	168	358,224	840	-	-	3,412
810,611	424,924	370,288	2,607	46	2,611	10,135
41,196	18,397	18,153	2,597	-	-	2,049
394,602	230,348	164,066	10	46	12	120
374,813	176,179	188,069	-	-	2,599	7,966
1,715,111	314,816	1,326,965	55,734	-	6,209	11,387
192,399	47,595	143,792	-	-	1,012	-
673,797	164,794	503,809	-	-	5,194	-
450,440	50,636	391,052	-	-	-	8,752
2,209	-	2,209	-	-	-	-
68,557	280	13,137	53,262	-	-	1,878
182,044	7,836	174,148	57	-	3	-
145,665	43,675	98,818	2,415	-	-	757
1,840,061	217,841	1,546,706	53,643	-	19,127	2,744
513,113	31,221	473,012	-	-	8,880	-
398,747	55,733	290,490	52,262	-	-	262
303,314	24,641	276,718	1,381	-	-	574
303,412	33,188	259,549	-	-	10,247	428
321,475	73,058	246,937	-	-	-	1,480
840,815	122,346	608,674	20,552	7,996	80,789	458
150,731	26,388	116,347	-	7,996	-	-
502,793	55,852	345,600	20,552	-	80,789	-
187,291	40,106	146,727	-	-	-	458
523,329	24,359	465,684	31,943	-	-	1,343
254,154	11,844	240,628	1,682	-	-	-
194,613	12,515	152,050	30,048	-	-	-
46,069	-	44,898	213	-	-	958
28,493	-	28,108	-	-	-	385

**Figure 4.3 QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER: 1988 to 1997**



**Figure 4.4 METALLIC MINERAL RESERVES: 1987 to 1996**



**Table 4.2**  
**CLASSIFIED AND UNCLASSIFIED LAND AREA**  
**1955 to 1996**  
**(In hectares)**

Year	Alienable and Disposable		Forest Land			
			Classified		Unclassified	
	Area	Percent	Area	Percent	Area	Percent
FY 1955	10,470,634	34.90	4,079,231	13.59	15,450,135	51.51
1960	11,883,353	39.61	6,300,979	21.00	11,815,168	39.39
1965	12,365,431	41.21	7,727,082	25.75	9,906,482	33.04
1970	12,572,433	41.90	8,542,527	28.47	8,885,040	29.63
1971	12,651,472	42.17	8,794,789	29.31	8,553,739	28.52
1972	12,747,516	42.49	8,851,076	29.50	8,401,218	28.00
1973	12,807,993	42.69	8,936,532	29.79	8,256,638	27.52
1974	12,917,083	43.06	9,050,804	30.17	8,018,775	26.77
1975	12,971,282	43.23	9,114,118	30.38	7,893,371	26.38
CY 1976	12,974,969	43.25	9,266,008	30.89	7,759,023	25.86
1977	12,990,866	43.30	9,270,215	30.90	7,738,919	25.80
1978	13,090,886	43.57	9,301,190	31.00	7,627,924	25.43
1979	13,093,263	43.64	9,328,559	31.10	7,578,178	25.26
1980	13,269,340	44.23	9,705,170	32.35	7,025,490	23.42
1981	13,327,630	44.43	10,825,731	36.08	5,846,639	19.49
1982	13,370,546	44.57	11,076,276	36.92	5,553,178	18.51
1983	14,467,592	48.23	10,472,269	34.91	5,060,139	16.87
1984	14,515,393	48.38	13,657,272	45.52	1,827,335	6.09
1985	14,659,760	48.87	14,020,446	46.73	1,319,794	4.40
1986	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
1987	14,108,087	47.03	15,010,616	50.04	881,297	2.94
1988	14,117,753	47.06	15,001,090	50.00	881,157	2.94
1989	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1990	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1991	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1992	14,117,244	47.06	15,001,599	50.00	881,157	2.94
1993	14,117,244	47.06	15,001,599	50.00	881,157	2.94
1994	14,117,244	47.06	15,001,599	50.00	881,157	2.94
1995	14,117,244	47.06	15,001,599	50.00	881,157	2.94
1996	14,117,244	47.06	15,001,599	50.00	881,157	2.94

Notes: Based on total land area of 30 million hectares.

Classified and unclassified areas have remained the same since 1988. The classification survey of 814,940.8 hectares or 93% of the original total unclassified land of 881,157 have already been undertaken with the remainder of 66,216.2 hectares still needing classification survey. An opinion No. 23 dated 17 March 1995 of the Department of Justice has paved way for the processing/documentation of the areas already classified and surveyed for the eventual approval/issuance of an Administrative Order by the Secretary of the DENR.

Source: National Mapping and Resource Information Authority.

**Table 4.3**  
**DISTRIBUTION OF LAND USE/VEGETATION BY REGION**  
**1991**  
**(Area in hectares)**

Land Use/Vegetation	Philippines	CAR	1	2	3
Total Area	29,973,516	1,829,368	1,284,019	2,683,758	1,823,082
<b>AGRICULTURAL AREAS</b>	<b>10,298,384</b>	<b>190,235</b>	<b>415,434</b>	<b>709,964</b>	<b>653,607</b>
Paddy rice, irrigated	1,558,158	68,517	79,397	325,046	300,341
Rice terrace, irrigated	48,710	42,686	-	-	-
Paddy rice, non-irrigated	1,369,992	24,820	262,721	95,581	244,409
PRN/Tobacco	2,350	2,350	-	-	-
Rice terrace, non-irrigated	24,502	199	3,573	-	-
Upland rice	192,773	189	1,352	19,610	2,073
Corn	1,243,073	19,275	4,148	190,445	4,540
Legume Vegetables	31,924	216	154	11,812	5,009
Fruit/Leafy Vegetables	106,206	14,639	2,616	560	4,363
Rootcrops	130,739	1,699	8,145	6,949	15,614
Spices	2,345	-	-	240	846
Citrus	11,710	617	152	-	196
Mango	31,285	-	125	113	8,803
Diversified Crops	2,002	-	-	-	-
Banana	213,627	7,855	1,056	12,137	1,884
Other fruit trees	104,820	224	14,897	678	5,820
Fiber crops	132,334	-	441	-	225
Ramie/coconut	946	-	-	-	-
Cacao	9,594	-	-	-	-
Cacao/coffee	961	-	-	-	-
Coconut	3,376,249	24	14,025	11,099	4,752
Coconut/banana	44,917	-	-	-	-
Coconut/coffee/lanzones	2,318	-	-	-	-
Coconut/shrubs	396,402	-	-	-	-
Cutflowers	133	-	-	-	-
Coffee	93,297	3,489	-	-	64
Oil crops	10,035	-	-	-	-
Rubber (tappable and non-tappable)	71,936	-	-	-	-
Pasture land	377,342	3,304	15,892	29,885	9,132
Pineapple	37,834	78	-	-	263
Sugarcane	669,870	54	6,740	5,809	45,273
<b>GRASSLAND/SHRUBLAND AREAS</b>	<b>8,946,964</b>	<b>758,363</b>	<b>598,830</b>	<b>573,066</b>	<b>569,054</b>
Grasses	6,468,557	621,558	332,397	523,816	449,059
Bamboo	47,360	-	15,268	-	3,811
Shrubs	2,431,047	136,805	251,165	49,250	116,184

Table 4.3 (continued)

4	5	6	7	8	9	10	11	12
4,711,605	1,763,249	2,022,310	1,499,940	2,156,285	1,868,510	2,832,780	3,169,290	2,329,320
1,410,315	1,004,425	889,549	665,446	957,329	763,796	828,515	1,103,297	706,472
175,257	116,064	83,721	18,590	69,660	51,844	39,673	85,135	144,913
-	-	-	-	6,024	-	-	-	-
142,071	63,628	174,845	57,410	77,945	30,586	33,814	81,344	80,818
-	-	-	-	-	-	-	-	-
-	-	-	-	20,730	-	-	-	-
39,893	44,206	22,774	500	9,716	31,937	10,350	2,365	7,808
31,145	62,035	72,624	178,770	9,750	121,402	214,103	162,597	172,239
1,464	-	2,283	1,881	-	453	219	7,133	1,300
2,722	387	1,917	4,379	766	1,093	8,120	63,569	1,075
2,964	13,238	3,294	34,038	5,978	21,700	12,664	3,490	966
577	8	132	171	-	104	-	5	262
7,603	2,841	299	2	-	-	-	-	-
13,331	426	5,404	3,083	-	-	-	-	-
-	-	-	-	-	-	2,002	-	-
23,079	6,049	7,297	30,272	3,858	24,870	42,285	51,326	1,659
12,898	3,615	1,017	9,483	-	5,841	4,317	45,269	761
100	39,909	3,660	1,290	47,733	6,050	2,640	20,870	9,416
-	-	-	-	-	-	-	946	-
-	-	801	10	-	1,498	196	5,461	1,628
-	-	-	-	-	-	-	961	-
315,636	536,225	142,434	227,502	682,108	426,022	320,224	488,234	207,964
44,917	-	-	-	-	-	-	-	-
2,318	-	-	-	-	-	-	-	-
396,402	-	-	-	-	-	-	-	-
-	-	-	-	-	67	-	66	-
892	1,190	6,096	397	39	9,245	30,723	29,369	11,793
-	-	-	-	52	324	5,955	-	3,704
-	-	-	-	-	25,315	8,676	2,123	35,822
103,417	109,355	5,414	25,528	2,928	5,445	34,120	23,971	8,951
1,104	599	519	175	180	-	19,056	15,860	-
92,525	4,650	355,018	71,965	19,862	-	39,378	13,203	15,393
1,051,683	423,756	783,984	680,560	548,281	637,661	720,200	732,201	869,325
724,019	266,950	564,498	520,139	288,302	457,474	533,293	578,278	608,774
-	-	25,808	1,637	-	243	122	471	-
327,664	156,806	193,678	158,784	259,979	179,944	186,785	153,452	260,551

**Table 4.3 (continued)**  
**DISTRIBUTION OF LAND USE/VEGETATION BY REGION**  
**1991**  
**(Area in Hectares)**

Land Use/Vegetation	Philippines	CAR	1	2	3
WOODLAND AREAS	8,992,421	846,596	176,803	1,284,441	414,108
Agro-forest	1,152,260	-	-	10,252	-
Forest	7,783,859	846,039	176,652	1,273,991	412,481
Falcata	34,513	-	-	-	1,228
Ipil-ipil	15,505	-	151	-	53
Madre de cacao	1,148	-	-	-	156
Pine tree	5,136	557	-	198	190
WETLAND AREAS	770,517	-	18,857	18,057	62,395
Mangrove, palm tree (nipa)	133,239	-	1,524	5,870	6,483
Mangrove tree type (bakawan)	212,035	-	23	5,198	-
Inland swamp, tree type	62,970	-	-	-	-
Inland swamp, grass type	111,355	-	-	-	-
Fresh water swamp	21,335	-	2,851	1,102	5,768
Salt bed	2,056	-	792	-	-
Fishpond	227,527	-	13,667	5,887	50,144
MISCELLANEOUS AREAS	965,230	34,174	74,095	98,230	123,918
Built-up	539,261	7,567	33,137	51,630	80,709
Beach sand	47,529	-	11,830	261	1,644
Sand dunes	2,566	-	2,566	-	-
Open pit mines	5,538	892	-	-	-
Quarry	11,499	-	-	-	1,778
Kaingin	75,120	-	2,488	810	-
Airport/ airstrip	1,193	-	-	-	-
Riverwash	118,156	14,727	23,015	13,582	21,532
Rockland	5,531	-	510	-	1,923
Rivers (active), lakes	80,108	-	485	15,553	14,381
Volcanic ashes	2,784	-	-	-	-
Reservior	12,668	3,276	-	7,986	-
Braided river bed	15,912	7,504	-	8,408	-
Siltation/ tailing pond	208	208	-	-	-
Plateau escarpment	46,704	-	-	-	1,951
Islet	64	-	64	-	-
Industrial estate	389	-	-	-	-

Source: Bureau of Soils and Water Management.

Table 4.3 (continued)

4	5	6	7	8	9	10	11	12
1,832,466	230,087	247,950	88,473	567,518	343,471	1,168,241	1,217,595	574,672
237	-	-	-	-	-	1,141,771	-	-
1,830,625	228,127	247,589	80,881	567,457	342,491	-	1,203,397	574,129
-	-	-	-	-	745	20,651	11,346	543
785	1,876	361	7,419	61	103	1,844	2,852	-
819	-	-	173	-	-	-	-	-
-	84	-	-	-	132	3,975	-	-
124,618	51,765	72,813	37,009	54,393	109,064	72,935	34,613	113,998
80,109	14,303	1,082	7,242	10,043	372	1,647	2,947	1,617
21,033	22,666	1,950	23,048	28,812	71,803	21,756	8,775	6,971
1,392	-	-	-	2,222	7,687	21,180	8,281	22,208
2,926	4,419	-	-	2,019	4,862	15,230	6,236	75,663
1,246	-	-	203	58	-	10,107	-	-
412	98	-	91	-	302	-	361	-
17,500	10,279	69,781	6,425	11,239	24,038	3,015	8,013	7,539
292,523	53,216	28,014	28,452	28,764	14,518	42,889	81,584	64,853
114,596	16,162	18,398	21,676	23,824	14,518	10,607	81,584	64,853
25,761	4,081	-	1,190	2,077	-	685	-	-
-	-	-	-	-	-	-	-	-
675	2,325	392	1,254	-	-	-	-	-
3,568	715	-	20	-	-	5,418	-	-
59,232	10,615	-	513	-	-	1,462	-	-
24	402	-	472	185	-	110	-	-
31,064	871	9,224	1,231	1,882	-	1,028	-	-
-	2,544	-	-	18	-	536	-	-
11,648	12,717	-	1,892	389	-	23,043	-	-
-	2,784	-	-	-	-	-	-	-
1,202	-	-	204	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
44,753	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	389	-	-	-	-

**Table 4.4**  
**AREA REFORESTED BY THE GOVERNMENT AND THE PRIVATE SECTORS**  
**1976 to 1996**  
**(In hectares)**

Year	Total	Newly Planted Area					
		Government Sector			Private Sector		
		Sub-Total	DENR	Other Agencies	Sub-Total	Timber Licensees	Others
1976	31,733	23,228	20,977	2,251	8,505	8,275	230
1977	53,263	33,365	23,677	9,688	19,898	17,276	2,622
1978	78,425	44,686	34,343	10,343	33,739	22,006	11,733
1979	79,397	51,858	35,305	16,553	27,539	20,132	7,407
1980	60,516	39,881	32,956	6,925	20,635	15,579	5,056
1981	64,541	33,296	30,707	2,589	31,245	20,096	11,149
1982	63,262	35,201	31,202	3,999	28,061	21,588	6,473
1983	78,538	42,239	27,155	15,084	36,299	31,703	4,596
1984	38,935	16,088	15,520	568	22,847	14,186	8,661
1985	24,231	12,684	12,201	483	11,547	8,148	3,399
1986	32,998	24,426	22,495	1,931	8,572	6,572	2,000
1987	39,811	28,843	27,558	1,285	10,968	7,956	3,012
1988	64,183	31,226	30,890	336	32,957	23,126	9,831
1989	131,404	89,452	82,966	6,486	41,952	32,087	9,865
1990	191,663	153,949	146,718	7,231	37,714	33,443 <sup>a</sup>	4,271
1991	93,039	73,602	72,238	1,364	19,437	18,089 <sup>a</sup>	1,348
1992	40,593	24,304	24,304	-	16,289	11,683 <sup>a</sup>	4,606
1993	19,211	6,347	6,347	-	12,864	12,692 <sup>a</sup>	172
1994	49,551	18,032	18,032	-	31,519	9,468 <sup>a</sup>	22,051
1995	65,233	21,841	21,841	-	43,392	30,380 <sup>b</sup>	13,012
1996 <sup>P</sup>	46,096	18,869	18,869	-	27,227	20,005 <sup>b</sup>	7,222

a - Including Enrichment Planting of Timber Licensees.

b - Including lands and other organizations.

Source: Forest Management Bureau.



**Table 4.5**  
**FOREST DESTRUCTION BY CAUSE**  
**1980 to 1997**  
**(In hectares)**

Year	Total	Kaingin	Forest Fire	Illegal Logging	Others (infestation, typhoon, etc.)
1980	32,640	6,302	18,324	7,348	666
1981	24,605	5,826	12,471	6,108	200
1982	16,654	3,286	8,063	4,954	351
1983	121,326	2,241	117,951	1,015	119
1984	4,895	1,137	3,177	478	103
1985	14,632	941	11,743	1,918	30
1986	7,682	1,991	4,257	90	1,344
1987	7,146	570	5,386	676	514
1988	10,255	2,914	423	4,474	2,444
1989	12,814	4,683	675	1,727	5,729
1990	15,549	...	11,872	...	...
1991	7,233	759	5,872	72	530
1992	12,806	86	12,720	-	-
1993	17,862	90	15,330	-	2,442
1994	10,342	1,529	7,720	107	986
1995	24,102	409	10,331	9	13,354
1996	5,186	94	4,558	10	524
1997	22,362	4,693	1,008	93	16,568

a - Disaggregation not available.

Source: Department of Environment and Natural Resources.

**Table 4.6**  
**QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER**  
**1976 to 1997**  
**(In thousand cubic meters)**

Year	Logs	Lumber	Plywood	Veneer
1976	8,646	1,609	416	403
1977	7,873	1,567	489	496
1978	7,169	1,780	490	546
1979	6,596	1,626	503	634
1980	6,368	1,529	553	660
1981	5,420	1,219	457	364
1982	4,589	1,200	422	159
1983	4,468	1,222	459	146
1984	3,872	1,234	438	84
1985	3,568	1,062	350	77
1986	3,434	977	424	73
1987	4,147	1,233	517	75
1988	3,809	1,033	415	85
1989	3,169	975	344	61
1990	2,503	841	397	49
1991	1,922	726	321	54 <sup>a</sup>
1992	1,438	647	331	80 <sup>a</sup>
1993	1,022	440	273	65
1994	957	407	258	39
1995	758	286	290	19
1996	771	313	508	82
1997 <sup>P</sup>	556	351	484	62

a - Excluding data for the Autonomous Region in Muslim Mindanao.

Source: Forest Management Bureau.

**Table 4.7**  
**ROUNDWOOD PRODUCTION**  
**1976 to 1996**  
(In thousand cubic meters)

Year	Grand Total	Log			Fuelwood/Firewood		
		Sawlog/Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
1976	8,729	8,646 <sup>a</sup>	-	-	8	34	41
1977	7,951	7,721 <sup>b</sup>	152	-	23	52	3
1978	7,246	6,774 <sup>b</sup>	395	-	1	73	3
1979	6,773	6,153 <sup>b</sup>	443	-	16	156	5
1980	6,462	5,978 <sup>b</sup>	390	-	14	78	2
1981	5,542	4,904	496	20	*	94	28
1982	4,674	3,973	541	75	14	69	2
1983	4,545	3,698	732	38	-	47	30
1984	4,280	2,876	987	9	-	355 <sup>c</sup>	53
1985	3,914	3,185	368	15	-	310 <sup>c</sup>	36
1986	3,588	3,078	318	38	-	125 <sup>c</sup>	29
1987	4,253	3,412	681	54	-	77 <sup>c</sup>	29
1988	3,893	3,185	615	9	-	81 <sup>c</sup>	3
1989	3,217	2,796	351	22	-	47	1
1990	2,596	2,156	335	12	-	67	26
1991	2,141	1,561	349	12	-	168	51
1992	1,757	800	487	151	-	178	141
1993	1,152	685	241	96	-	98	32
1994	1,063	805	149	3	-	104	2
1995	868	589	167	2	-	105	5
1996	804	400	365	6	-	33 <sup>c</sup>	

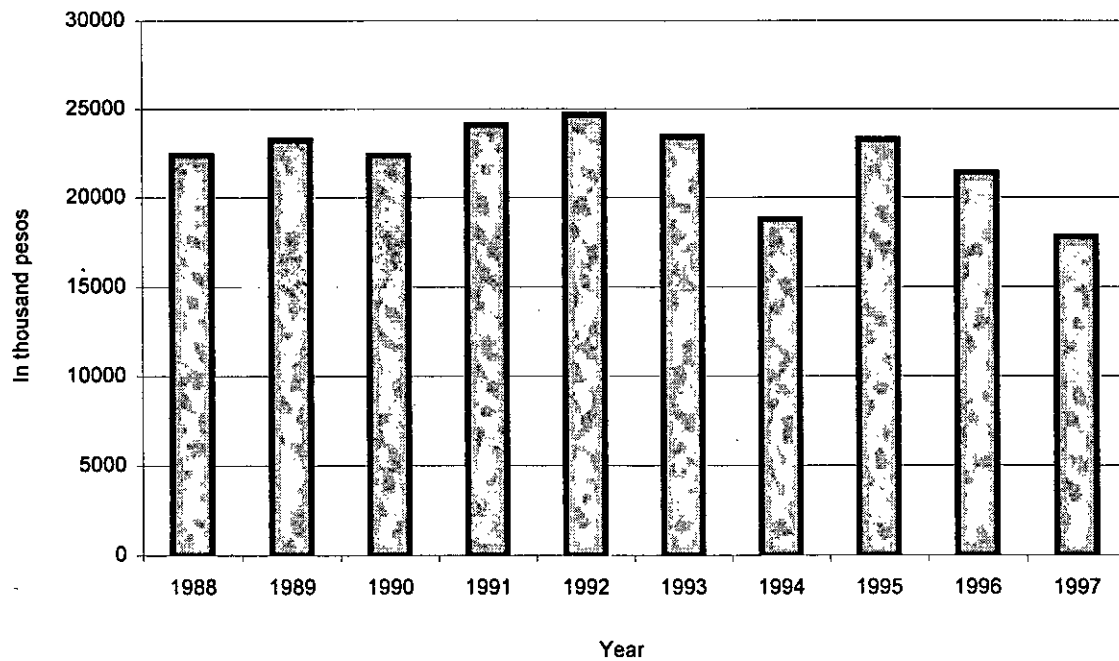
a - Including pulpwood and poles & piles.

b - Including poles and piles.

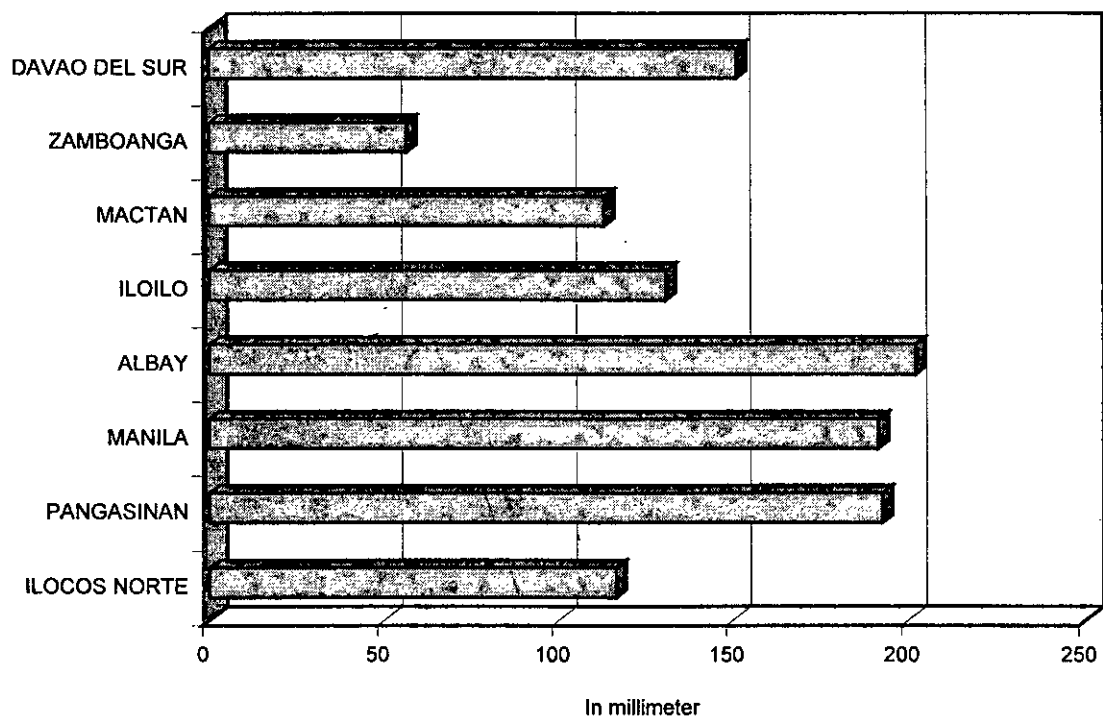
c - Including mangrove.

Source: Forest Management Bureau.

**Figure 4.5 TOTAL VALUE OF MINERAL PRODUCTION: 1988 to 1997**



**Figure 4.6 AVERAGE AMOUNT OF RAINFALL BY SELECTED STATION: 1997**



**Table 4.8**  
**PRODUCTION OF SELECTED NON-TIMBER FOREST PRODUCTS**  
**1976 to 1996**  
**(In thousands)**

Year	Almaciga Resin	Diliman and Other Vines	Split Rattan	Salago Bark	Tanbark	Buri Midribs	Nipa Shingles	Anahaw Leaves	Bamboo <sup>1</sup>	Honey	Unsplit Rattan
	(kilograms)					(pieces)				(liter)	(linear meter)
1976	590	3	197	47	785	69	630	-	176	-	7,308
1977	648	3	66	-	131	-	736	-	787	2	3,751
1978	617	63	186	36	21	36	1,492	-	426	27	6,889
1979	317	-	1,055	191	41	-	809	-	1,769	53	10,628
1980	506	4	348	543	10	32	2,624	-	327	2	12,758
1981	476	31	1,177	673	859	308	2,978	40	885	1	33,511
1982	1,407	21	195	258	83	97	4,126	22	647	94	15,594
1983	462	13	73	83	52	57	3,166	96	410	1	24,244
1984	191	12	2,770	144	98	155	1,757	6	309	-	25,370
1985	380	39	72	47	53	48	2,675	31	644	1	19,437
1986	386	*	249	156	1,020	33	3,989	-	428	1	28,588
1987	485	19	98	2	33	5	3,579	2	402	*	33,902
1988	700	13	54	8	-	41	2,504	9	133	-	34,215
1989	472	122	30	2	-	88	5,298	16	204	*	33,254
1990	943	89	10	6	30	58	8,023	2	984	-	19,266
1991	780	104	568	-	-	16	14,719	41	892	*	25,732
1992	634	163	30	-	-	-	12,634	33	704	-	22,693
1993	576	84	1	-	-	-	9,018	42	475	-	24,845
1994	1,231	90	4	-	-	-	6,283	10	360	*	19,088
1995	1,058	66	24	-	-	42	8,332	14	307	*	17,457
1996	890	381	17	-	-	15	8,429	10	627	*	24,613

1 - Includes boho.

Source: Forest Management Bureau.

**Table 4.9**  
**MINERAL RESERVES**  
**1981 to 1996**  
**(In thousand metric tonnes)**

Kind of Mineral	Estimated reserves as of							
	1981	1982	1983	1984	1985	1986	1987	1988
Metallic	10,248,615	10,314,690	9,910,498	6,219,016	6,366,518	6,253,962	6,113,822	6,363,322
Cadmium	47	47	47	-	-	-	-	-
Chromite								
Chemical	-	-	-	3,318	3,242	3,226	2,800	2,800
Metallurgical (Lumpy)	87,599	83,470	84,632	16,922	16,465	16,446	15,140	15,076
Metallurgical (Sandy)	-	-	-	-	-	-	-	-
Refractory	9,117	8,106	8,474	12,701	12,365	10,443	11,884	9,635
Copper	4,333,813	4,310,620	4,212,316	3,997,674	4,092,439	4,017,190	3,881,255	4,105,663
Gold <sup>1</sup>	1,933,140	2,108,260	1,840,610	100,637	101,048	101,920	101,557	108,968
Iron	-	-	-	-	-	-	-	-
Aluminum Laterite	292,011	292,011	292,010	292,010	292,010	292,010	292,010	292,010
Laterite	783,878	798,679	769,849	-	-	-	-	-
Lumpy	123,278	120,179	121,364	80,732	80,732	80,732	80,732	80,732
Sandy	120,224	120,224	120,224	101,620	101,620	101,620	101,620	101,620
Lead	9,237	9,318	9,472	6,313	6,313	6,313	6,313	6,313
Manganese	7,535	7,537	7,536	1,397	1,396	1,179	1,396	1,955
Mercury	15,897	15,897	15,897	16,243	16,243	16,243	16,243	16,243
Molybdenum	765,515	670,980	658,390	30,608	30,608	30,608	30,608	30,608
Nickel	1,751,007	1,752,120	1,753,132	1,552,678	1,605,874	1,569,869	1,566,101	1,585,536
Platinum	942	942	942	-	-	-	-	-
Uranium	90	90	90	-	-	-	-	-
Zinc	15,285	16,210	15,513	6,163	6,163	6,163	6,163	6,163

**Table 4.9 (continued)**

December 31							
1989	1990	1991	1992	1993	1994	1995	1996
6,480,711	5,344,348	6,377,460	5,846,256	6,420,621	7,368,795	2,093,952	6,682,303
-	-	-	-	-	-	-	-
3,710	2,800	1,352	1,323	2,876	2,876	2,876	2,791
16,860	16,883	17,739	17,563	16,479	19,263	12,987	13,581
-	5,794	6,228	9,854	9,925	11,880	11,880	11,850
11,154	10,460	9,965	10,220	8,180	9,294	5,809	8,445
4,180,219	3,705,434	4,776,983	3,951,945	4,481,417	5,017,239	817,432	4,789,519
129,796	133,993	155,574	150,682	200,269	202,730	64,087	226,852
-	-	-	-	-	485,197	168,425	484,696
292,010	-	-	-	-	-	-	-
-	-	-	180	-	-	-	-
80,732	97,130	80,910	79,077	159,496	83,077	-	-
118,020	101,620	101,620	397,836	402,017	401,620	-	-
6,313	6,313	6,313	6,313	6,313	6,313	6,313	6,313
1,955	1,951	1,955	2,231	2,212	2,517	2,003	2,551
16,243	16,243	16,243	15,425	16,243	16,243	15,425	16,243
30,608	30,608	30,608	30,608	30,608	30,608	30,608	30,608
1,586,928	1,215,119	1,171,970	1,172,999	1,084,586	1,079,938	956,107	1,088,854
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
6,163	-	-	-	-	-	-	-

**Table 4.9 (continued)**  
**MINERAL RESERVES**  
**1981 to 1996**  
**(In thousand metric tonnes)**

Kind of Mineral	Estimated reserves as of							
	1981	1982	1983	1984	1985	1986	1987	1988
<b>Non-Metallic</b>								
Asbestos	24,498	24,498	24,498	24,498	24,498	24,498	24,498	24,498
Barite	174	180	153	163	163	163	163	163
Bauxite	-	-	-	82,650	82,650	82,650	82,650	82,650
Bentonite	-	-	-	667	1,182	1,382	1,381	1,381
Clay	1,088,073	1,076,390	1,068,749	1,088,504	1,117,880	1,121,967	1,121,963	1,126,965
Ball clay	-	-	-	-	-	-	-	-
Bentonitic	-	-	-	-	-	-	-	-
Feldspathic	-	-	-	-	-	-	-	-
Fire clay	-	-	-	-	-	-	-	-
Kaolinitic	-	-	-	-	-	-	-	-
Siliceous	-	-	-	-	-	-	-	-
Diatomaceous Earth	3,903	3,903	3,903	3,903	3,903	3,903	3,903	3,903
Feldspar	30,038	32,298	31,148	29,393	29,392	29,388	29,388	29,388
Guano	-	-	-	815	815	1,014	1,014	1,014
Gypsum	1,884	1,884	1,884	1,883	1,883	1,883	1,883	1,883
Limestone	264,578	271,672	267,832	256,577	488,386	489,107	488,758	259,816
Cement raw materials	6,350,588	6,249,970	6,178,482	6,399,211	6,204,710	6,508,301	6,507,569	7,348,168
Dolomitic	264,578	271,672	267,832	256,577	488,386	489,107	488,758	259,816
Lime raw materials	-	-	-	-	9,527,984	9,617,057	9,621,020	9,236,771
Marblelized	-	-	-	-	-	-	-	-
Magnesite	26,535	26,536	26,536	26,534	26,534	26,534	26,534	26,534
Marble	3,955,039	3,970,772	3,942,974	4,155,251	4,154,944	4,154,934	4,154,925	4,047,024
Pebbles	-	-	-	-	4	4	-	-
Peat	2,016	2,016	2,016	-	-	-	-	-
Perlite	18,518	18,526	18,748	18,513	18,509	18,509	18,509	18,509
Pumice and Pumicite	21,878	21,878	21,878	21,878	21,878	21,878	21,878	21,878
Pyrite	987,257	987,470	987,757	987,120	987,016	988,584	988,482	991,531
Rock Aggregates	-	-	-	-	-	-	-	-
Rock phosphate	-	-	-	2,346	2,346	2,407	2,407	2,407
Sand and Gravel	-	-	-	-	-	-	-	-
Shale	-	-	-	-	-	-	-	-
Silica	782,992	797,410	435,448	92,403	107,921	114,605	113,717	113,717
Quartz-Boulder	-	-	-	-	-	-	-	-
Quartz-Massive	-	-	-	-	-	-	-	-
Sand	782,992	797,410	435,448	92,403	107,921	114,605	113,717	113,717
Siliceous rock/Massive	-	-	-	-	-	-	-	-
Sulphur	29,453	29,453	29,453	29,453	29,454	44,011	44,011	44,011
Talc	503	503	503	503	503	503	503	503
Tuff	-	-	-	-	-	-	-	-

1 - Data from 1981 to 1983 refer to primary and secondary gold; from 1984 to 1996, data are for primary gold only.

a - in thousand cubic meters.

Source: Mines and Geo-Sciences Bureau.



Table 4.9 (continued)

December 31							
1989	1990	1991	1992	1993	1994	1995	1996
24,498	-	1,944	1,944	1,944	5,811	-	5,816
163	-	163	163	163	163	-	163
82,650	374,660	408,241	408,241	408,241	408,241	408,241	408,241
1,381	1,334	-	-	-	-	-	-
1,126,965	-	-	-	-	-	-	-
-	27,153	27,152	181,152	63,526	83,175	35,864	64,800
-	5,736,201	7,753	7,617	9,611	7,544	6,473	7,718
-	32	7,846	3,127	3,131	3,176	3,099	11,592
-	3,296	3,296	260,501	252,309	269,113	263,829	269,113
-	10,000	23,219	17,839	20,515	21,777	9,729	21,777
-	2,125	2,125	7,293	10,043	120,827	120,074	120,827
3,903	2,952	2,952	3,711	3,711	4,725	4,573	4,725
29,380	20,952	21,571	28,845	41,137	34,412	22,706	34,412
1,014	-	-	120	123	298	298	298
1,883	1,883	1,883	1,985	1,985	2,438	2,054	2,438
486,431	3,423,033	15,111,168	17,392,354	27,792,711	28,044,415	-	-
7,348,168	2,515,955	6,613,832	6,748,707	16,343,548	19,361,674	16,978,082	18,905,021
259,816	227,045	515,572	515,572	634,902	650,070	549,873	466,306
9,869,116	7,089,307	6,529,360	6,543,825	7,426,017	8,032,671	1,072,944	3,899,598
-	19,606 <sup>a</sup>	1,452,404 <sup>a</sup>	3,584,250 <sup>a</sup>	3,388,244 <sup>a</sup>	3,574,829 <sup>a</sup>	444,113	3,574,661
26,534	26,534	26,534	78,315	78,315	78,715	52,196	78,795
4,047,024	3,919,570 <sup>a</sup>	89,938 <sup>a</sup>	11,166,032 <sup>a</sup>	4,358,114 <sup>a</sup>	14,390,704 <sup>a</sup>	10,815,008	10,873,230
-	6,409 <sup>a</sup>	6,409 <sup>a</sup>	26,409 <sup>a</sup>	22,557 <sup>a</sup>	22,557 <sup>a</sup>	22,557	33,103
18,509	14,518	27,607	46,878	24,349	24,298	13,767	13,922
21,878	21,878	21,982	23,760	23,760	23,760	21,981	23,760
991,531	983,400	986,933	985,097	14,155	14,195	13,798	13,195
-	676,540 <sup>a</sup>	300,496 <sup>a</sup>	367,926 <sup>a</sup>	437,834 <sup>a</sup>	1,683,757	1,447,703	1,689,848
2,407	-	-	89	106	513	513	513
-	4,471 <sup>a</sup>	1,303 <sup>a</sup>	14,629 <sup>a</sup>	28,963 <sup>a</sup>	84,167 <sup>a</sup>	82,863 <sup>a</sup>	84,167 <sup>a</sup>
-	1,928,805	2,142,260	2,818,361	2,796,057	2,947,545	1,204,215	2,456,154
213,873	1,487,303	1,121,069	1,279,952	1,516,971	2,766,257	-	-
-	37	37	37	37	-	-	68,925
-	60,643	60,643	62,075	62,425	67,098 <sup>a</sup>	60,089	-
213,873	328,526	126,226	163,462	201,152	649,626 <sup>a</sup>	296,844	573,689
-	1,098,097	934,163	1,054,378	1,253,357	1,471,166 <sup>a</sup>	1,425,201	1,482,634
44,011	48,781	48,781	48,781	48,831	48,877	19,534	48,872
503	503	512	512	512	512	9	512
-	1,875	35,481	45,038	118,538	152,407	149,624	152,208

**Table 4.10**  
**MINERAL PRODUCTION**  
**1991 to 1997**  
(Quantity in thousands; value in thousand pesos)

Mineral/Mineral Product	Unit Used	1991		1992		1993	
		Quantity	Value	Quantity	Value	Quantity	Value
<b>TOTAL</b>		..	24,086,430	..	24,663,871	..	23,439,487
<b>METALLICS</b>		-	17,064,137	-	14,672,018	-	14,757,027
Precious Metals		-	8,330,330	-	7,291,803	-	8,042,422
Gold <sup>1</sup>	KG	25.9	8,196,155	25.6	7,189,015	24.9	7,926,153
Silver <sup>1</sup>	KG	39.1	134,175	32.7	102,788	32.0	116,269
Base Metals			8,733,807		7,380,215		6,714,605
Chromite:							
Chemical Grade	DMT	19.8	36,457	9.9	19,272	1.6	960
Metallurgical Concentrate	DMT	18.8	36,425	14.0	14,616	4.2	4,029
Metallurgical Ore	DMT	89.2	121,894	30.9	39,135	9.7	16,307
Refractory Ore	DMT	82.5	207,464	39.2	61,920	49.5	80,054
Cobalt Metal	MT	-	-	-	-	-	-
Copper:							
Concentrate	DMT	572.3	7,676,529	491.7	6,641,471	526.2	6,261,898
Metal <sup>2</sup>	MT	148.0		123.5		136.2	
Iron Ore	MT	7.3	475	7.3	445	-	-
Manganese	DMT	4.1	6,245	13.7	7,418	1.2	587
Nickel							
Beneficiated Ore <sup>3</sup>	DMT	557.2	648,318	593.9	595,938	346.9	350,771
Metal <sup>2</sup>	MT	13.7		14.0		7.9	
Zinc:							
Concentrate	DMT	-	-	-	-	-	-
Metal <sup>2</sup>	MT	-	-	-	-	-	-
Molybdenum							
Concentrate	DMT	-	-	-	-	-	-
Metal <sup>2</sup>	MT	-	-	-	-	-	-
<b>NON-METALLICS</b>		-	7,022,293	-	9,991,853	-	8,682,460
Coal	MT	1,307.0	1,420,754	1,665.2	1,828,390	1,581.8	1,581,873
Salt	MT	492.9	2,178,437	495.8	2,193,986	535.4	3,128,136
Silica Sand	MT	275.0	28,829	744.5	57,065	102.9	17,016
Sand and Gravel	Cu. M	15,676.6	2,257,429	15,786.6	2,399,562	16,692.7	3,389,094
Others		-	838,595	-	2,580,492	-	244,616
Cement Raw Materials							
Limestone	MT	5,384.3	215,247	10,225.1	750,907	5,355.7	267,642
Shale Clay	MT	808.1	31,707	1,496.8	78,756	647.5	23,294
Silica Sand	MT	257.5	28,895	1,142.0	102,695	225.7	30,789
Gypsum	MT	28.0	22,400	-	-	-	-
Cement <sup>4</sup>	Bags	172,285.4	(14,730,405)	166,673.6	(17,500,728)	199,035.2	(12,539,215)

1 - Includes small scale and panning.

2 - Metal equivalent, thus its value is equivalent to the value of its concentrate except where indicated.

3 - Quantity and value of production from 1983-1986 include that of Hinatuan Mining Corporation & Rio Tuba

Nickel Mining Corporation only. Hence, the value of beneficiated ore differs from that of the value of metal which aside from the value of production of the two mining companies mentioned, includes that of Nonoc Mining and Industrial Corporation.

4 - Value in ( ) - The value of nickel metal is not reflected in the total mineral production value.

Instead, the value of the beneficiated ore is considered. Likewise, cement raw material silica sand which is already included in the total silica sand. Cement in the National Accounts is classified under the manufacturing sector. Therefore, the value of cement is excluded in the total mineral production value, instead, value for cement raw materials is considered.

Source: Mines and Geo-Sciences Bureau.

**Table 4.10 (continued)**

**Table 4.11**  
**AVERAGE CONCENTRATION OF TOTAL SUSPENDED**  
**PARTICULATES (TSP) (ug/Ncm) and SO<sub>2</sub> (ppm) IN THE ATMOSPHERE**  
**BY AIR QUALITY MONITORING STATION IN METRO MANILA**  
**1988 to 1996**

City/Municipality	Monitoring Station	1988		1989		1990	
		TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>
Valenzuela	Municipal Hall	147	0.015	253	-	253	-
Ermita	Pedro Gil cor. Taft Avenue	207	0.010	212	0.012	200	0.016
Makati City	Guadalupe Viejo	-	0.010	-	0.011	184	0.009
	Palma St., Poblacion	-	0.021	-	0.011	-	-
	Bcl-Air Park, Phase 3	-	0.013	123	0.008	-	-
Quezon City	PAGASA Compound	100	0.009	168	0.009	149	0.008
	Batasang Pambansa	-	-	-	-	-	-
	DPWH Compound	-	-	-	-	-	-
	East Avenue	-	-	-	-	-	-
	Quezon Avenue	-	-	-	-	-	-
Malabon	Acacia Road	227	0.022	-	-	-	-
Navotas	Sampaguita St.	-	-	136	-	153	-
Las Piñas	Pamplona	90	0.006	105	-	119	-
Pasig City	Ugong	136	0.005	220	0.015	181	0.023
Pasay City	FB Harrison	154	0.013	191	0.014	-	-
Parañaque	Manila Memorial Park	-	-	124	0.005	-	0.013
	Sucat Road/St. Rita	-	-	-	-	125	-

Based on 24 hours sampling.

National Ambient Air Quality Guidelines for 24 hours:

TSP = 230 ug/Ncm

SO<sub>2</sub> = 0.07 ppm

ug - microgram

Ncm - Normal cubic meter

ppm - parts per million

SO<sub>2</sub> - Sulfur Dioxide

Source: Environmental Management Bureau.

Table 4.11 (Continued)

1991		1992		1993		1994		1995		1996	
TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>	TSP	SO <sub>2</sub>
257	0.012	256	0.006	173	0.010	322	-	296	-	250	-
188	0.016	219	0.013	164	0.021	164	-	174	-	140	-
188	0.013	146	0.007	179	0.006	188	-	210	-	-	-
-	-	-	-	-	0.011	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
167	0.010	178	0.006	121	0.007	113	-	133	-	116	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	232	-	234	-	-	-
-	-	-	-	-	-	-	-	-	-	218	-
-	-	-	-	-	-	-	-	-	-	282	-
-	-	-	-	-	-	-	-	-	-	-	-
150	-	150	-	-	-	-	-	-	-	-	-
107	-	115	-	72	-	-	-	-	-	121	-
187	0.014	183	0.009	154	0.018	-	-	-	-	191	-
-	-	-	-	-	-	-	-	-	-	-	-
-	0.010	-	0.007	-	0.008	112	-	-	-	-	-
143	-	166	-	169	-	-	-	-	-	-	-

**Table 4.12**  
**AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION**  
**1993 to 1997**  
**(In millimeter)**

Sampling Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>LAOAG CITY, ILOCOS NORTE</b>												
Normals (1961-1995)	4.4	1.0	1.7	20.1	149.4	349.6	437.6	573.2	406.3	118.4	31.4	9.7
1993	-1.0	-1.0	2.7	-1.0	83.8	76.3	332.6	393.0	443.4	124.5	10.4	8.2
1994	3.7	18.0	-1.0	48.4	262.3	291.3	943.8	727.3	604.4	101.3	-1.0	0.0
1995	0.0	-1.0	-1.0	0.0	156.5	261.5	409.3	695.7	295.3	52.6	9.0	6.5
1996	12.2	3.2	0.0	20.2	101.4	99.6	883.8	617.6	488.4	169.1	205.3	0.0
1997	10.2	0.0	-2.0	-1.0	230.6	172.0	266.8	576.4	66.3	56.9	19.1	1.2
<b>DAGUPAN CITY, PANGASINAN</b>												
Normals (1961-1995)	7.7	4.3	14.4	54.6	212.3	373.9	520.2	593.0	359.9	174.2	54.0	11.2
1993	0.0	4.4	6.4	81.6	52.7	392.9	309.0	264.9	376.7	353.5	86.3	7.5
1994	15.1	3.4	1.0	25.2	130.9	202.1	908.8	203.2	326.6	72.0	-1.0	2.0
1995	0.0	0.0	0.6	4.0	246.5	216.0	512.6	395.0	328.3	82.1	30.0	24.9
1996	7.2	0.0	3.4	51.3	141.0	95.7	683.5	538.9	442.7	130.8	103.8	0.0
1997	6.0	-1.0	11.6	91.5	371.6	230.8	333.1	842.4	333.3	83.3	8.6	0.0
<b>PORT AREA (MCO), MANILA</b>												
Normals (1961-1995)	16.2	5.5	9.5	16.4	133.3	289.1	406.7	463.5	353.4	232.9	124.5	54.1
1993	-1.0	0.2	1.0	0.5	7.0	219.2	217.3	437.6	284.2	249.4	206.2	146.0
1994	41.2	1.6	12.0	22.4	168.7	241.8	761.7	367.8	276.4	80.7	44.7	96.3
1995	3.4	23.0	6.8	4.0	110.8	225.8	342.1	538.2	493.6	335.5	264.7	142.7
1996	6.6	-1.0	4.9	30.6	172.7	156.2	413.7	257.5	483.8	54.0	150.1	12.0
1997	10.4	24.0	-1.0	20.4	520.9	240.0	438.7	679.8	184.7	121.4	24.4	32.9
<b>LEGASPI CITY, ALBAY</b>												
Normals (1961-1995)	302.6	177.8	153.8	146.8	166.7	251.6	287.4	273.3	271.5	326.0	478.7	515.6
1993	161.1	112.2	150.5	35.9	119.4	216.9	393.5	375.4	293.7	366.7	702.0	847.6
1994	590.4	76.0	169.0	277.7	134.2	195.7	377.2	65.1	253.8	170.5	127.9	464.2
1995	274.5	92.6	45.2	113.4	136.6	197.8	348.0	372.0	392.9	261.1	843.5	1,649.4
1996	461.5	158.9	569.8	590.7	149.1	323.6	206.9	124.8	153.1	284.7	546.1	356.5
1997	85.1	250.1	93.3	15.4	163.4	192.0	354.1	120.8	333.5	126.3	285.9	404.5
<b>ILOILO CITY, ILOILO</b>												
Normals (1961-1995)	39.4	23.9	29.6	50.9	118.2	303.8	340.4	383.6	258.6	268.3	176.2	84.6
1993	17.6	5.5	49.9	47.4	26.0	175.5	287.3	540.1	120.7	319.6	133.1	320.1
1994	40.8	56.1	34.8	226.4	348.2	465.1	972.9	232.1	293.1	218.8	40.0	131.8
1995	36.6	10.4	5.3	12.6	36.2	320.4	345.6	314.3	743.4	441.3	150.4	119.6
1996	75.1	65.1	250.5	279.5	137.3	274.8	224.8	180.8	376.8	243.9	350.3	85.7
1997	6.1	53.3	16.3	25.2	199.4	286.9	481.0	265.9	90.2	113.3	34.1	-2.0

Table 4.12 (continued)

Sampling Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>MACTAN INTERNATIONAL AIRPORT</b>												
Normals (1961-1995)	10.0	68.2	56.1	43.4	72.0	182.1	191.7	146.5	176.9	183.5	148.9	130.9
1993	13.7	99.1	99.3	4.2	-1.0	124.1	176.5	196.6	99.5	203.1	197.0	328.8
1994	20.8	43.3	98.7	251.7	134.4	315.8	284.2	156.0	172.9	173.3	56.0	113.3
1995	55.8	9.3	179.2	26.5	24.4	175.8	154.2	121.8	317.0	336.7	92.8	173.8
1996	179.2	154.2	26.2	-2.0	68.1	307.8	39.4	206.2	117.9	189.9	228.4	134.9
1997	29.8	151.7	38.2	55.4	41.1	197.6	339.9	119.1	168.4	149.3	35.6	31.4
<b>ZAMBOANGA CITY, ZAMBOANGA</b>												
Normals (1961-1995)	56.2	49.7	41.5	61.0	106.9	161.3	143.4	129.9	169.5	202.3	163.2	107.8
1993	2.8	55.4	6.2	41.2	75.9	139.6	136.5	90.0	29.0	249.4	67.3	43.1
1994	37.1	64.4	98.2	106.3	91.5	162.3	135.9	318.7	350.2	44.9	57.6	66.4
1995	19.3	23.6	52.8	51.1	3.0	149.1	131.5	60.6	293.9	113.2	191.2	141.7
1996	163.2	23.6	62.4	124.8	70.4	174.2	86.4	151.9	187.7	119.5	257.6	102.2
1997	2.6	113.9	11.4	7.6	47.1	36.6	176.4	17.9	87.1	54.2	33.4	88.9
<b>DAVAO CITY, DAVAO DEL SUR</b>												
Normals (1961-1995)	110.5	105.0	84.9	148.3	190.7	193.9	156.3	180.4	183.8	165.4	131.1	99.5
1993	103.0	118.4	95.9	234.0	91.3	92.8	296.3	120.4	390.8	58.5	72.3	179.4
1994	53.7	77.6	101.8	244.7	234.4	353.1	58.0	383.6	111.4	148.5	59.4	79.0
1995	99.4	185.3	119.1	73.0	167.3	108.8	184.3	236.8	194.1	124.0	137.5	207.2
1996	215.4	109.7	41.3	46.0	130.1	159.8	139.8	105.3	102.8	183.2	224.4	47.6
1997	303.4	156.9	119.1	133.8	170.7	60.0	100.6	45.4	170.3	449.3	31.8	71.8

Normals refer to the period averages for a uniform and relative long period comprising at least 3 consecutive 10-year period.

Notes: -2.0 means data is missing.

-1.0 means trace.

Source: Philippine Atmospheric, Geophysical, and Astronomical Services Administration.

## 5 AGRICULTURE

Agriculture continued to play a major role in the growth and stability of the economy. Major agricultural policy decisions of the government are anchored on the availability of accurate agricultural statistics. To meet the food requirements of the fast growing population, it has become imperative to use the current agricultural statistics to obtain a precise picture of the country's food situation.

The Bureau of Agricultural Statistics (BAS), which is the agency mandated by the law to provide official statistics for the agricultural sector, was the primary source of various statistics presented in this chapter. Information provided by BAS include time series data on quantity and value of production and hectarage for each major crop; quantity and value of fish, livestock and poultry production; inventory of livestock and poultry; and total number of animals slaughtered. Statistics on palay and corn production are generated by BAS through its Rice and Corn Production Survey while those of the other agricultural crops are generated through monitoring procedures. Livestock and poultry statistics are obtained from the results of the Backyard Livestock and Poultry Survey, the Commercial Backyard Livestock and Poultry Survey and the Monitoring of Animals Slaughtered in Abattoirs. Statistics on the quantity and value of fish production for commercial fishing, municipal fishing and aquaculture from 1950 to 1979 were collected and published by the Bureau of Fisheries and Aquatic Resources while data from 1980 onwards were generated by BAS. Surveys being conducted by BAS to generate fish production are the Survey on Commercial/Municipal Fisheries and the Aquaculture Production Survey.

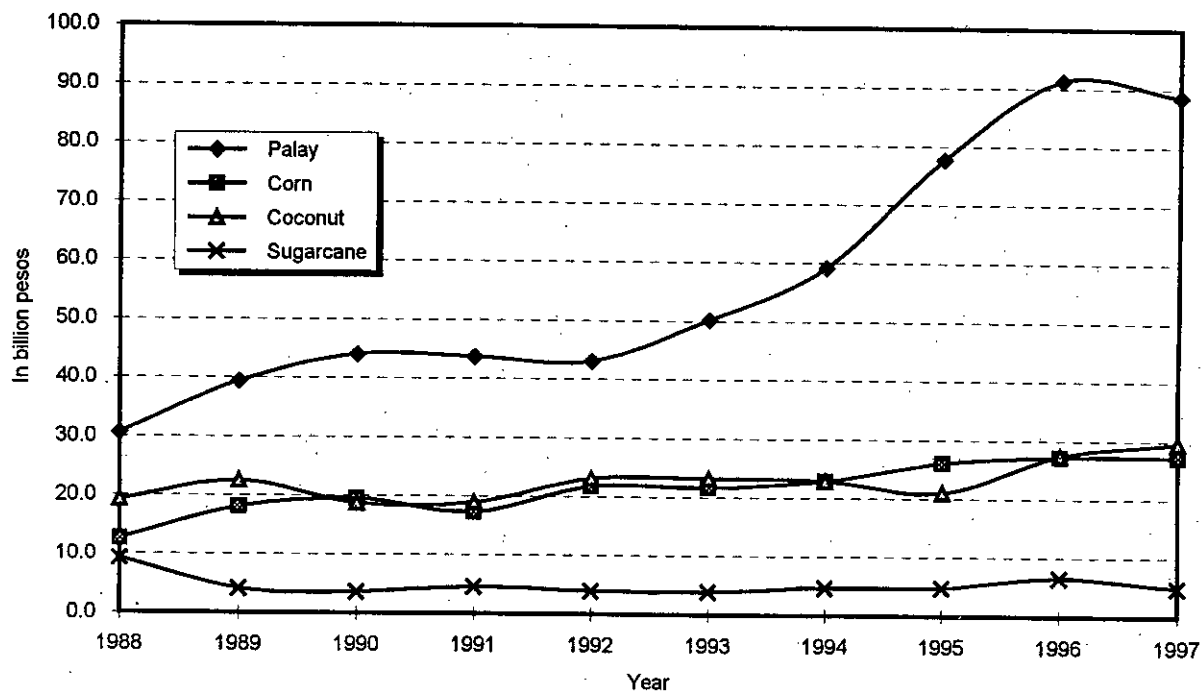
Because fertilizer is an important input to agriculture, data on fertilizer are likewise included in this chapter. Data on production, importation and consumption of fertilizer were obtained from the Fertilizer and Pesticide Authority.

The National Food Authority provided the data on the importation and exportation of rice. Also included in this chapter are statistics on the total area and number of beneficiaries of the major programs on land acquisition under the Comprehensive Agrarian Reform Program which were provided by the Department of Agrarian Reform. Data on the number of registered and confirmed cooperatives were provided by the Cooperative Development Authority.

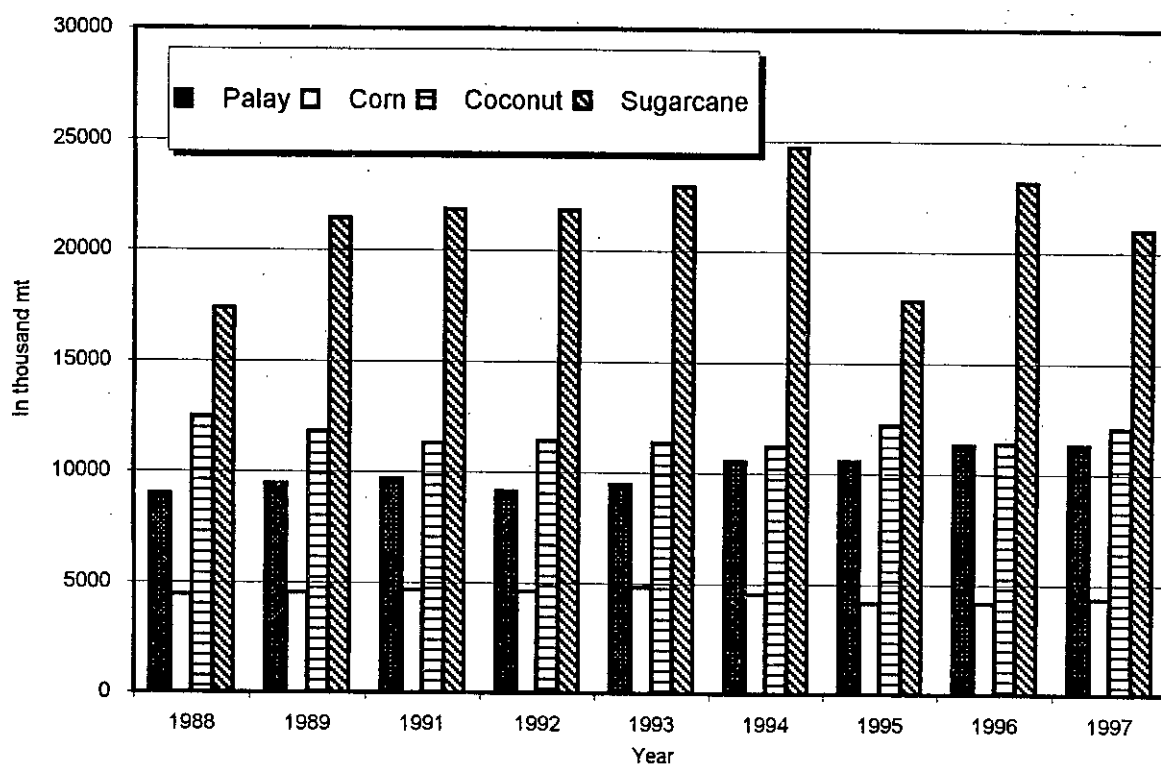


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**Figure 5.1** VALUE OF SELECTED AGRICULTURAL CROPS: 1988 to 1997



**Figure 5.2** PRODUCTION OF SELECTED AGRICULTURAL CROPS: 1988 to 1997



**Table 5.1**  
**AGRICULTURAL AREA, QUANTITY, AND VALUE OF PRODUCTION, BY KIND OF CROP**  
**1988 to 1997**  
**(Area in '000 hectares; quantity in '000 metric tons; value in million pesos)**

Item	1988			1989 <sup>r</sup>			1990 <sup>r</sup>		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
Agricultural Crops	13,127.6	59,788.4	125,313.3	13,147.1	64,207.1	135,622.9	13,096.3	61,566.5	146,085.0
A. CEREALS	7,137.8	13,399.0	43,186.2	7,186.5	13,981.0	57,463.2	7,138.3	14,173.3	63,500.3
Palay	3,392.7	8,971.0	30,612.6	3,497.3	9,458.8	39,359.6	3,318.7	9,319.4	43,987.6
Corn	3,745.1	4,428.0	12,573.6	3,689.2	4,522.2	18,103.6	3,819.6	4,853.9	19,512.7
B. MAJOR CROPS	4,792.5	38,115.4	57,907.0	4,727.0	41,714.2	59,155.5	4,699.3	38,773.0	58,073.7
Coconut	3,221.8	12,481.8	19,222.0	3,110.4	11,810.4	22,439.8	3,112.0	11,940.4	18,746.4
Sugarcane <sup>1</sup>	215.7	17,363.0	9,202.4	261.7	21,424.8	4,070.7	235.3	18,666.9	3,546.7
Banana	294.6	3,067.3	4,754.3	295.5	3,190.3	5,008.8	300.2	2,913.3	7,400.0
Pineapple	60.5	1,181.2	3,768.0	61.0	1,178.8	5,328.2	59.7	1,155.8	4,773.5
Coffee	142.5	141.9	3,881.0	150.5	164.4	4,164.3	149.7	142.8	3,177.3
Mango	55.7	361.1	4,954.3	51.4	395.2	4,054.8	53.2	389.5	4,989.5
Tobacco	61.4	76.4	1,333.2	63.3	79.9	2,044.6	63.2	81.7	2,131.6
Abaca	108.3	84.1	736.7	105.1	66.0	673.2	102.6	59.4	658.2
Rubber	84.6	156.4	828.9	86.1	171.9	825.1	86.3	185.4	1,062.3
Cacao	17.7	9.1	218.5	18.2	9.4	181.0	18.4	9.9	263.5
Cassava	217.1	1,865.9	2,276.4	213.1	1,846.9	2,696.5	213.8	1,854.0	3,467.0
Camote	144.1	695.0	1,237.1	138.3	660.3	1,439.5	136.7	668.9	1,792.7
Peanut	51.0	39.9	345.9	50.4	37.6	376.4	44.5	34.8	388.7
Mongo	36.7	26.6	316.8	35.7	25.1	376.8	36.7	26.7	452.5
Onion	5.8	45.9	420.9	6.5	65.3	592.3	6.4	61.5	497.5
Garlic	5.6	14.1	905.8	6.1	17.2	1,159.5	6.4	17.9	764.9
Tomato	18.4	167.9	851.3	19.7	178.7	750.5	20.0	184.0	833.5
Eggplant	15.3	109.8	563.3	15.4	111.6	698.6	16.4	112.7	688.6
Cabbage	6.4	70.3	357.1	9.2	130.8	864.6	8.6	117.2	923.5
Citrus	29.3	157.7	1,733.1	29.4	149.6	1,410.3	29.2	150.2	1,515.8
C. OTHER CROPS	1,197.3	8,274.0	24,220.1	1,233.6	8,511.9	19,004.2	1,258.7	8,620.2	24,511.0
Other fibercrops	40.0	76.0	727.1	37.0	64.6	696.4	33.4	58.4	1,153.4
Other rootcrops	113.5	127.5	463.6	108.0	121.3	346.0	109.6	132.3	430.2
Tubers	122.0	198.0	309.5	125.7	214.0	261.1	135.7	201.4	330.0
Spices	35.3	25.5	210.7	35.9	26.3	967.5	38.6	27.0	1,202.7
Fruit bearing Vegetables	304.1	2,680.6	7,494.2	313.2	2,887.6	6,346.9	328.0	2,910.2	6,788.2
Leafy/Stem Vegetables	157.1	1,058.0	2,484.5	164.4	1,042.3	1,698.9	169.0	1,031.3	2,121.0
Other Legumes	28.5	32.0	189.3	30.2	34.0	160.1	30.5	34.3	199.9
Other fruits	316.8	3,595.2	10,271.9	329.4	3,605.7	6,590.4	324.7	3,704.3	9,876.6
Others	80.0	481.2	2,069.3	89.8	516.1	1,936.9	89.2	521.0	2,409.0

Table 5.1 (continued)

1991 <sup>r</sup>			1992 <sup>r</sup>			1993 <sup>r</sup>			1994 <sup>r</sup>		
Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
12,983.7	64,109.3	154,272.2	12,520.4	63,837.4	162,655.6	12,549.0	65,766.6	171,491.5	12,786.9	68,525.7	191,671.6
7,014.5	14,328.3	60,993.3	6,529.5	13,747.8	64,704.6	6,431.7	14,232.1	71,780.5	6,657.3	15,057.4	81,940.8
3,425.0	9,673.3	43,723.1	3,198.1	9,128.9	42,996.4	3,282.4	9,434.2	50,189.9	3,651.5	10,538.1	59,118.6
3,589.5	4,655.0	17,270.2	3,331.4	4,618.9	21,708.2	3,149.3	4,797.9	21,590.6	3,005.8	4,519.3	22,822.2
4,722.4	41,257.7	64,524.4	4,734.7	41,495.3	69,152.0	4,873.9	42,812.1	69,990.0	4,876.8	44,721.6	78,819.2
3,093.3	11,290.9	18,968.7	3,076.7	11,404.9	23,038.1	3,075.2	11,328.4	23,110.0	3,082.7	11,207.0	22,862.3
271.5	21,824.5	4,583.1	267.0	21,801.9	3,924.3	384.0	22,915.1	3,895.6	401.6	24,695.2	4,692.1
311.3	2,951.1	9,976.9	321.4	3,059.2	10,523.7	325.8	3,144.0	10,311.8	326.5	3,192.6	11,748.7
57.7	1,117.1	4,692.2	60.6	1,135.2	4,801.9	66.8	1,287.4	5,394.2	68.4	1,331.5	5,805.4
150.0	141.6	3,351.7	148.3	142.1	2,913.1	146.5	134.2	2,843.7	146.4	132.6	5,561.2
55.1	391.5	5,618.0	57.2	435.3	5,876.6	60.5	440.1	6,715.9	65.0	541.7	9,409.3
67.9	85.2	2,626.7	95.0	117.9	3,304.7	90.9	104.8	2,485.6	51.7	56.9	1,340.0
104.4	64.0	921.6	102.2	62.7	1,465.3	102.2	59.5	1,575.6	102.2	66.4	1,723.2
88.0	180.7	1,201.7	84.2	172.5	1,145.4	85.4	174.3	1,118.8	86.0	178.5	1,479.6
17.3	9.6	265.8	16.8	7.5	274.2	16.8	7.7	281.5	16.1	7.9	300.0
211.0	1,815.7	3,921.9	204.3	1,784.9	3,195.0	211.4	1,844.2	3,743.7	213.1	1,891.8	3,916.0
136.5	662.3	2,125.9	140.8	677.2	2,465.0	147.1	693.5	2,260.8	147.4	698.9	2,467.2
39.1	31.4	413.5	44.6	34.0	412.8	44.9	34.0	432.9	47.1	36.6	490.5
34.3	25.1	399.3	32.7	23.2	392.8	33.1	23.4	396.9	34.0	24.2	461.9
6.4	60.3	604.8	5.8	56.7	530.2	6.5	61.5	536.6	7.6	73.6	1,083.1
4.5	12.4	494.5	4.2	11.8	875.6	4.3	12.3	764.7	5.8	15.7	875.2
19.5	177.2	928.5	18.2	165.4	793.9	15.6	138.5	786.6	17.5	150.6	1,090.6
14.5	104.0	638.6	15.5	110.4	663.5	17.4	111.7	789.3	17.8	123.5	897.6
11.0	170.9	1,256.1	10.1	150.8	1,156.6	10.4	155.1	984.8	10.7	151.3	834.4
29.1	142.2	1,534.9	29.1	141.7	1,399.3	29.1	142.4	1,561.0	29.2	145.1	1,780.9
1,246.8	8,523.3	28,754.5	1,256.2	8,594.3	28,799.0	1,243.4	8,722.4	29,721.0	1,252.8	8,746.7	30,911.6
31.5	77.6	1,098.9	72.9	92.9	1,067.3	55.1	65.6	625.3	41.9	65.1	617.6
107.6	128.7	519.0	109.2	128.5	533.6	108.7	132.0	600.0	109.0	132.3	680.0
134.9	198.4	384.9	132.8	206.4	402.2	132.1	212.1	570.3	133.0	213.0	600.0
36.1	26.5	1,454.9	36.9	26.8	1,494.3	36.8	27.6	1,390.8	37.0	28.0	1,686.5
314.5	2,812.7	8,801.3	313.9	2,895.4	9,041.5	312.3	2,973.5	8,355.2	315.0	3,005.3	9,102.0
168.7	1,029.5	2,363.3	170.6	1,041.9	2,619.5	171.6	1,086.1	3,119.0	171.8	1,072.6	3,000.3
31.1	35.0	240.2	31.2	34.7	246.5	31.0	35.7	240.1	36.0	35.9	350.0
333.0	3,691.7	10,992.5	335.2	3,664.9	10,795.5	330.6	3,681.0	12,229.5	331.6	3,680.8	11,805.1
89.4	523.2	2,899.5	53.5	502.8	2,598.6	65.2	508.8	2,590.8	77.5	513.7	3,070.1

**Table 5.1 (continued)**  
**AGRICULTURAL AREA, QUANTITY, AND VALUE OF PRODUCTION, BY KIND OF CROP**  
**1988 to 1997**  
**(Area in '000 hectares; quantity in '000 metric tons; value in million pesos)**

Item	1995 <sup>1</sup>			1996 <sup>1</sup>			1997 <sup>1</sup>		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
<b>Agricultural Crops</b>	<b>12,574.8</b>	<b>62,164.7</b>	<b>222,042.3</b>	<b>13,015.6</b>	<b>69,128.5</b>	<b>259,832.4</b>	<b>13,024.7</b>	<b>68,301.6</b>	<b>268,232.6</b>
<b>A. CEREALS</b>	<b>6,451.0</b>	<b>14,669.1</b>	<b>103,694.4</b>	<b>6,686.8</b>	<b>15,434.9</b>	<b>118,392.3</b>	<b>6,568.1</b>	<b>15,601.4</b>	<b>115,738.3</b>
Palay	3,758.7	10,540.6	77,684.7	3,951.1	11,283.6	91,284.1	3,842.3	11,269.0	88,574.0
Corn	2,692.3	4,128.5	26,009.7	2,735.7	4,151.3	27,108.2	2,725.8	4,332.4	27,164.3
<b>B. MAJOR CROPS</b>	<b>4,790.4</b>	<b>39,274.0</b>	<b>82,860.4</b>	<b>4,956.5</b>	<b>43,755.4</b>	<b>94,965.5</b>	<b>5,071.0</b>	<b>42,572.6</b>	<b>100,051.5</b>
Coconut	3,064.5	12,183.1	20,954.9	3,149.0	11,368.1	27,397.2	3,314.4	12,052.8	29,529.3
Sugarcane	302.0	17,774.4	4,799.1	395.6	23,142.2	6,479.8	352.0	20,996.8	4,829.3
Banana	322.0	3,489.5	12,422.4	326.9	3,304.1	13,811.0	328.0	3,391.2	14,921.1
Pineapple	68.6	1,442.8	5,078.7	45.0	1,542.2	7,418.2	40.4	1,630.9	11,090.4
Coffee	144.4	134.0	7,349.9	151.2	119.0	5,009.5	149.5	121.0	5,020.3
Mango	80.4	595.1	9,903.1	87.7	624.8	11,196.8	89.9	669.7	10,554.2
Tobacco	56.3	63.7	1,566.6	54.2	64.9	1,668.2	51.8	65.0	2,929.4
Abaca	103.1	64.8	1,248.6	116.8	70.4	1,260.7	113.1	67.1	1,199.3
Rubber	86.7	181.2	4,345.2	90.0	191.9	2,072.1	92.9	196.4	1,671.1
Cacao	16.2	7.9	350.0	15.9	7.9	213.6	15.6	7.8	205.1
Cassava	225.9	1,906.8	4,938.7	228.3	1,911.8	6,767.9	226.5	1,959.3	6,524.5
Camote	145.9	698.9	2,676.8	141.4	684.9	2,972.6	137.9	674.2	3,229.3
Peanut	47.6	36.2	504.6	28.7	33.5	439.7	27.1	35.0	545.0
Mongo	34.9	26.7	452.5	35.5	26.8	645.6	36.1	27.5	644.2
Onion	8.7	88.4	1,001.9	9.8	83.3	1,443.1	12.0	85.4	1,128.7
Garlic	6.3	17.2	948.7	6.3	18.6	1,547.8	7.6	19.4	902.3
Tomato	17.9	155.8	713.7	16.9	162.6	762.8	18.3	166.4	1,038.0
Eggplant	17.6	130.7	982.9	18.1	157.6	1,414.0	18.4	166.1	1,557.9
Cabbage	8.5	130.0	967.1	8.0	98.1	702.2	8.1	97.8	787.1
Citrus <sup>1</sup>	32.9	146.8	1,655.0	31.2	142.7	1,742.7	31.4	142.8	1,745.0
<b>C. OTHER CROPS</b>	<b>1,333.4</b>	<b>8,221.6</b>	<b>35,487.5</b>	<b>1,372.3</b>	<b>9,938.2</b>	<b>46,474.6</b>	<b>1,385.6</b>	<b>10,127.6</b>	<b>52,442.8</b>
Other fibercrops	46.4	68.3	721.3	35.8	64.6	695.0	32.6	71.0	711.4
Other rootcrops	124.0	133.0	730.0	126.5	151.0	1,010.2	126.5	151.1	1,111.6
Tubers	143.0	215.0	650.0	145.6	216.7	743.3	145.8	217.0	817.9
Spices	42.1	30.0	1,700.0	43.6	32.4	2,247.6	48.6	32.4	2,473.3
Fruit bearing Vegetables	331.5	2,812.2	10,580.0	336.3	3,134.1	12,943.8	341.2	3,191.8	14,243.4
Leafy/Stem Vegetables	179.8	1,104.4	3,733.3	181.4	1,308.5	5,103.2	182.7	1,318.6	5,615.6
Other Legumes	41.8	37.0	366.0	40.5	35.2	396.4	40.5	35.2	435.8
Other fruits	338.4	3,307.0	12,717.1	371.0	4,377.2	17,598.5	375.8	4,489.7	20,615.4
Others	86.4	514.7	4,289.8	91.6	618.5	5,736.6	91.9	620.8	6,418.4

1 - For 1989 to 1997, figures on value have been revised to conform with the changes made in the methodology of obtaining the prices for sugarcane.

Source: Bureau of Agricultural Statistics.

**Table 5.2**  
**QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF FISHING OPERATION**  
**1950 to 1997**  
(Quantity in thousand metric tons; value in million pesos)

Year	Total		Commercial Fishing <sup>1</sup>		Municipal Fishing <sup>2</sup>		Aquaculture <sup>3</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	220.2	215.2	47.9	44.1	146.8	138.0	25.5	33.1
1955	362.9	322.4	107.2	75.0	219.0	201.5	36.7	45.9
1960	444.6	464.4	120.0	93.6	264.6	274.6	60.1	96.2
1965	667.2	806.5	300.1	372.1	303.9	328.2	63.2	106.2
1970	988.9	1,725.2	381.9	614.8	510.5	857.7	96.5	252.7
1971	1,023.1	2,331.0	382.3	879.2	542.9	1,123.8	97.9	328.0
1972	1,122.4	2,827.6	424.8	1,106.1	598.7	1,389.1	98.9	332.4
1973	1,204.8	3,295.4	465.4	1,261.6	639.8	1,599.5	99.6	434.3
1974	1,268.4	5,569.7	480.8	2,389.5	684.5	2,395.7	113.2	784.4
1975	1,336.8	5,919.1	498.6	2,549.0	731.7	2,561.0	106.5	809.1
1976	1,393.5	7,297.9	508.2	2,697.8	726.0	2,308.0	159.3	1,192.2
1977	1,508.9	8,809.2	518.2	3,543.2	827.7	4,015.1	163.6	1,250.9
1978	1,580.4	9,477.2	505.8	3,465.2	857.9	4,810.5	216.7	1,201.6
1979	1,581.3	10,536.7	500.7	3,512.2	839.3	5,364.2	241.2	1,660.2
1980	1,872.2	11,644.4	488.5	3,784.7	894.6	6,017.8	289.2	1,841.9
1981	1,772.9	13,953.8	494.8	4,124.6	938.6	6,963.7	339.5	2,865.5
1982	1,897.0	15,064.0	526.3	4,355.2	978.3	7,315.5	392.3	3,393.3
1983	2,110.2	18,981.5	519.3	4,642.7	1,145.8	9,539.6	445.1	4,799.2
1984	2,080.4	25,649.9	513.3	6,521.2	1,089.2	11,862.8	477.9	7,265.9
1985	2,052.1	31,297.3	512.0	7,857.2	1,045.4	14,715.7	494.7	8,724.4
1986	2,089.5	37,331.5	546.2	9,247.9	1,072.4	17,251.5	470.9	10,832.2
1987	2,213.0	37,349.4	591.2	9,820.7	1,060.9	16,107.5	560.9	11,421.2
1988	2,299.7	42,118.2	600.0	10,272.0	1,068.5	16,633.1	599.5	15,213.0
1989	2,371.1	45,093.7	637.0	11,033.4	1,104.6	18,387.7	629.3	15,672.6
1990	2,503.4	52,177.2	700.6	12,410.6	1,131.9	19,300.1	671.1	20,466.5
1991	2,599.0	60,033.3	759.8	15,244.6	1,146.8	22,132.6	692.4	22,656.1
1992	2,625.7	65,443.5	804.9	16,800.6	1,084.4	22,656.4	736.4	25,986.5
1993 <sup>r</sup>	2,632.0	70,215.8	824.4	18,021.2	1,014.0	22,031.4	793.6	30,163.2
1994 <sup>r</sup>	2,721.0	80,192.1	859.3	20,714.5	992.6	24,474.9	869.1	35,002.7
1995 <sup>r</sup>	2,785.0	83,084.1	893.2	23,065.4	972.0	26,463.8	919.8	33,554.9
1996 <sup>r</sup>	2,769.1	83,134.7	879.1	24,555.3	909.2	25,373.2	980.8	33,206.2
1997 <sup>p</sup>	2,766.7	80,745.2	884.7	25,935.3	924.5	27,392.9	957.5	27,417.0

1 - Includes production from commercial fishing vessels.

2 - Includes production from capture activities in various municipal and inland (fresh) bodies of water such as lakes, rivers, etc.

3 - Includes production from aquaculture activities such as brackishwater fishponds, freshwater fishponds, culture of oysters, mussels and seaweeds in marine areas and fishpens/fishcages in lakes, etc.

Sources: 1950 to 1979, Bureau of Fisheries and Aquatic Resources;  
1980 onwards, Bureau of Agricultural Statistics.

**Table 5.3**  
**QUANTITY AND VALUE OF FISH PRODUCTION FROM AQUACULTURE BY TYPE OF CULTURE**  
**1989 to 1997**  
**(Quantity in thousand metric tons; value in million pesos)**

Type	1989		1990		1991		1992	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total	629	15,673	671	20,467	692	22,656	736	25,987
Brackishwater Fishpond	254	12,838	268	16,762	291	18,449	235	19,296
Freshwater Fishpond	31	855	36	1,333	38	1,360	49	2,230
Fish Pen	24	654	24	685	26	815	33	1,324
Fish Cage	20	479	21	570	24	676	34	1,161
Oyster	13	89	14	126	12	109	15	171
Mussel	16	152	18	194	17	207	21	278
Seaweed	269	605	291	796	284	1,040	350	1,527

Note: Details may not add up to totals due to rounding.

Source: Bureau of Agricultural Statistics.

**Table 5.4**  
**QUANTITY AND VALUE OF LIVESTOCK AND POULTRY PRODUCTION BY KIND**  
**1989 to 1997**  
**(Quantity in thousand metric tons; value in million pesos)**

Type	1989		1990		1991		1992	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total Livestock Production (Liveweight)	1,323.38	32,556.08	1,380.62	38,844.88	1,396.78	45,529.12	1,405.58	52,236.67
Carabao	120.23	2,178.02	106.53	2,243.52	101.20	2,262.83	106.60	3,079.90
Cattle	166.42	3,948.67	169.00	4,671.16	162.06	5,138.92	166.91	6,234.75
Hog	962.42	25,243.75	1,031.12	30,479.91	1,056.92	36,241.79	1,056.98	40,915.70
Goat	56.95	1,097.60	54.78	1,343.21	57.71	1,770.54	59.67	1,908.25
Dairy <sup>1</sup>	17.36	88.04	19.19	107.08	18.89	115.04	15.42	98.07
Total Poultry Production (Liveweight)	532.98	15,843.34	595.49	21,359.90	614.71	28,063.23	691.08	36,430.54
Chicken	498.88	14,428.19	559.65	19,957.12	577.88	26,524.69	651.99	34,457.67
Duck	34.10	1,415.15	35.84	1,402.78	36.83	1,538.54	39.09	1,972.87
Total Egg Production	184.16	5,491.14	196.15	7,200.64	204.21	8,050.91	217.27	9,131.52
Chicken	155.41	4,677.54	165.70	6,142.50	170.81	6,776.03	180.52	7,852.62
Duck	28.75	813.60	30.45	1,058.14	33.40	1,274.88	36.75	1,278.90

1 - Revised dairy production based on: a) estimated milking population of cattle and carabao x 1 liter/head/day for 240 lactating days for backyard farms, and, b) inventory of dairy animals x 10.5 liters/head/day for 280 lactating days for commercial farms.

Source: Bureau of Agricultural Statistics.

Table 5.3 (continued)

1993 <sup>r</sup>		1994		1995		1996 <sup>p</sup>		1997 <sup>p</sup>	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
793	30,163	869	35,003	919	33,555	981	33,207	958	27,417
235	23,409	244	28,733	237	27,900	225	27,168	199	20,977
49	2,425	47	1,839	43	1,700	44	2,022	43	2,065
29	1,335	40	1,548	20	949	16	798	20	908
36	1,369	33	1,423	34	1,550	31	1,493	43	1,954
18	184	12	107	12	82	12	52	14	72
25	244	11	119	15	46	21	52	12	44
402	1,198	482	1,233	558	1,327	631	1,623	627	1,397

Table 5.4 (continued)

1993		1994		1995 <sup>r</sup>		1996 <sup>r</sup>		1997 <sup>p</sup>	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,471.51	52,021.26	1,539.40	63,485.87	1,612.96	67,179.11	1,709.73	77,649.21	1,796.47	84,325.86
108.34	3,229.62	108.69	3,742.20	103.96	3,195.73	99.24	3,222.32	106.14	3,640.60
181.71	7,559.14	195.55	8,922.95	213.08	8,427.31	232.34	10,127.70	251.47	11,577.33
1,101.52	38,960.76	1,152.68	48,470.18	1,213.10	52,963.95	1,296.47	61,530.47	1,357.78	66,151.04
65.59	2,178.90	68.56	2,257.00	70.71	2,495.36	70.18	2,652.80	70.86	2,839.36
14.35	92.84	13.92	93.54	12.11	96.76	11.50	115.92	10.22	117.53
720.42	36,464.00	753.46	41,280.10	795.22	38,245.64	902.76	42,726.27	980.45	48,718.34
678.76	34,433.49	709.46	39,126.72	747.85	35,844.45	851.81	40,094.70	929.68	46,093.53
41.66	2,030.51	44.00	2,153.38	47.37	2,401.19	50.95	2,631.57	50.77	2,624.81
241.30	9,862.75	237.61	9,918.99	247.60	10,017.98	260.05	10,946.13	275.83	12,366.29
202.10	8,457.82	196.04	8,425.80	199.91	8,194.31	205.59	8,788.97	222.87	10,254.25
39.20	1,404.93	41.57	1,493.19	47.69	1,823.67	54.46	2,157.16	52.96	2,112.04



**Table 5.5**  
**TOTAL INVENTORY OF LIVESTOCK AND POULTRY BY KIND <sup>1</sup>**  
**1981 to 1998**  
**(In thousand head)**

Year	Livestock				Poultry	
	Carabao	Cattle	Goat	Hog	Chicken	Duck
1981	2,850	1,940	1,696	7,758	57,724	4,783
1982	2,908	1,942	1,783	7,795	59,718	4,711
1983	2,946	1,938	1,859	7,980	62,253	5,267
1984	3,022	1,849	2,362	7,613	59,161	5,761
1985	2,983	1,786	2,191	7,304	52,399	5,221
1986	2,984	1,814	2,177	7,275	53,007	5,208
1987	2,865	1,747	2,016	7,038	53,248	5,252
1988	2,890	1,700	2,120	7,581	60,321	5,833
1989	2,842	1,682	2,212	7,909	70,017 <sup>a</sup>	6,501
1990	2,765	1,630	2,204	7,990	82,302 <sup>a</sup>	7,356
1991	2,647	1,677	2,141	8,079	78,240 <sup>a</sup>	8,268
1992	2,577	1,731	2,306	8,022	81,525 <sup>a</sup>	8,340
1993	2,576	1,915	2,562	7,954	87,158 <sup>a</sup>	8,707
1994	2,560	1,936	2,633	8,227	93,201 <sup>a</sup>	8,187
1995	2,708	2,021	2,828	8,941	96,216 <sup>a</sup>	9,072
1996	2,841	2,128	2,982	9,026	115,782 <sup>a</sup>	9,470
1997 <sup>r</sup>	2,968	2,266	3,025	9,752	134,963 <sup>a</sup>	8,923
1998 <sup>p</sup>	3,024	2,384	3,083	10,210	137,622	9,047

1 - As of January 1.

a - Adjusted based on Broiler Projection Model.

Source: Bureau of Agricultural Statistics.

**Table 5.6**  
**TOTAL NUMBER OF ANIMALS SLAUGHTERED/DRESSED**  
**FOR MEAT PRODUCTION <sup>1</sup>**  
**1984 to 1997**

Year	Livestock (in thousand head)				Poultry (in million bird)	
	Carabao	Cattle	Goat	Hog	Chicken	Duck
1984	150.24	357.00	1,309.17	8,368.08	166.35	7.95
1985	155.11	404.33	1,545.83	7,217.67	147.97	5.63
1986	166.81	452.33	1,607.50	8,365.07	156.12	4.90
1987	211.32	480.67	1,798.75	9,097.40	164.62	4.90
1988	247.16	488.73	1,907.08	10,113.84	173.78	5.07
1989	270.08	510.10	2,038.75	11,407.12	186.71	5.57
1990	236.30	499.03	1,914.58	12,222.47	239.60	5.81
1991	224.16	479.47	2,018.33	12,528.36	256.94	6.68
1992	241.11	493.07	2,086.67	12,528.90	319.21	7.73
1993	240.00	537.00	2,294.00	13,058.00	326.45	8.75
1994	241.00	578.00	2,398.00	13,663.00	337.31	9.24
1995	231.00	629.00	2,473.00	14,376.00	357.86	9.95
1996	221.00	686.00	2,492.00	15,364.00	407.61	10.70
1997	236.36	742.46	2,516.17	16,090.72	444.86	10.66

1 - Includes all animals slaughtered in abattoirs/dressing plants and in backyard and commercial livestock and poultry farms.

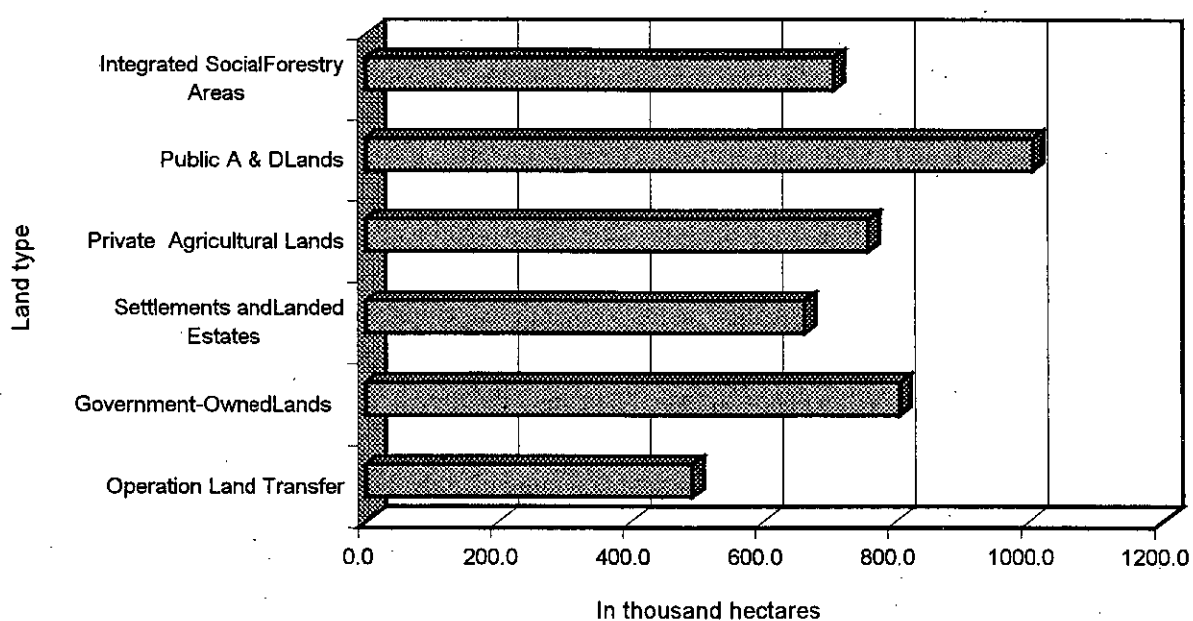
Source: Bureau of Agricultural Statistics.

**Table 5.7**  
**PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS**  
**1986 to 1997**

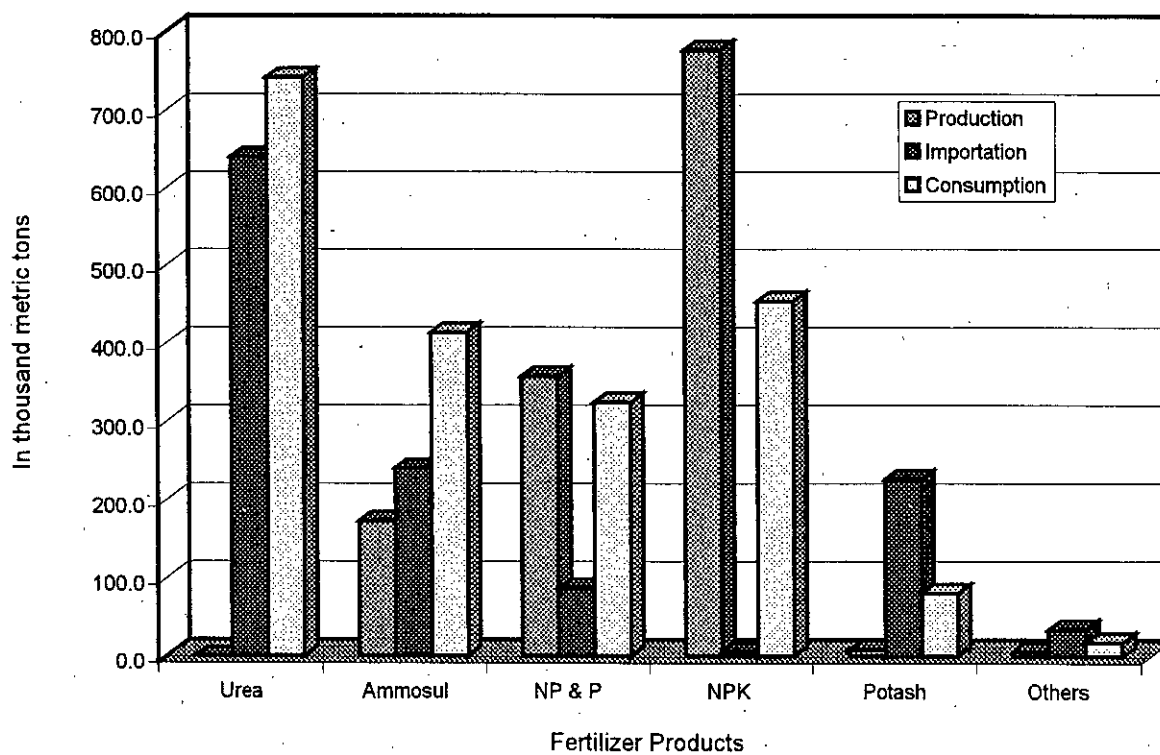
Year	Plant Nutrients ('000 nutrient tons)				Fertilizer Products ('000 metric tons)						
	Total	Nitrogen	Phosphorous	Potassium	Total	Urea	Ammosul	NP & P	NPK	Potash	Others
<b>Production</b>											
1986	396.2	120.0	256.9	19.3	697.5	-	21.9	540.9	134.7	-	...
1987	356.4	119.9	192.5	44.0	757.1	-	10.2	463.7	283.2	-	...
1988	368.6	127.7	198.5	42.3	808.5	-	-	521.2	284.4	2.9	...
1989	362.6	127.0	191.0	44.6	813.5	-	-	513.9	295.4	4.2	...
1990	407.6	145.7	199.0	62.9	934.4	-	-	475.8	453.5	5.0	...
1991	432.0	152.6	190.1	89.3	1,007.7	-	-	363.0	636.2	7.6	1.0
1992	394.9	142.4	183.2	69.3	930.1	-	-	429.2	494.1	6.7	...
1993	418.2	157.5	186.1	74.6	1,035.5	-	-	431.6	597.3	6.6	...
1994	451.0	168.9	205.1	77.0	1,098.9	-	-	427.3	665.3	6.3	...
1995	575.8	215.3	264.4	96.1	1,389.7	-	19.5	502.2	861.0	7.0	...
1996	637.9	255.7	273.4	108.8	1,600.6	-	185.6	489.5	917.5	8.0	5.7
1997	522.4	213.0	217.1	92.3	1,315.6	-	172.7	357.3	777.0	8.6	6.3
<b>Importation</b>											
1986	357.6	305.5	10.3	41.8	875.9	553.8	191.4	29.0	32.7	63.0	6.0
1987	407.8	345.0	-	62.7	975.1	648.5	216.0	-	0.4	104.5	5.7
1988	451.1	381.0	1.8	68.3	1,066.1	725.3	220.4	3.8	0.3	113.3	3.0
1989	393.9	304.5	21.3	68.1	986.8	504.2	265.7	52.2	59.5	99.2	6.0
1990	458.2	354.9	19.3	84.0	1,118.4	607.8	289.7	46.3	34.4	129.4	10.8
1991	438.0	300.6	29.5	107.9	1,102.2	436.0	410.8	64.2	5.7	178.6	6.9
1992	452.7	357.7	32.3	62.7	1,163.3	567.4	389.0	72.9	7.4	114.2	12.4
1993	473.4	363.5	43.7	66.2	1,099.2	638.1	239.1	93.7	-	110.4	17.9
1994	466.0	390.1	38.7	37.2	1,130.7	672.0	253.5	99.3	2.0	59.9	44.0
1995	528.4	383.5	37.4	107.5	1,237.5	651.9	282.1	84.7	-	179.2	39.6
1996	557.5	368.1	65.9	123.5	1,190.3	660.1	166.3	143.4	-	205.5	15.0
1997	545.5	369.6	39.1	136.8	1,235.6	640.5	240.9	87.5	6.2	226.3	34.2
<b>Consumption</b>											
1986	390.4	298.3	45.8	46.3	960.2	490.3	166.3	125.2	130.5	47.9	...
1987	485.9	371.9	65.3	48.7	1,193.4	601.1	205.9	173.4	160.1	44.9	8.0
1988	504.5	372.1	77.5	54.9	1,225.9	591.8	188.4	206.9	184.4	49.1	5.2
1989	537.3	375.9	84.1	77.3	1,320.8	569.3	216.6	222.9	234.6	74.8	2.4
1990	588.0	400.5	105.0	82.5	1,447.1	580.3	226.4	276.0	286.5	70.3	7.6
1991	437.5	298.7	71.3	67.5	1,125.1	395.0	288.7	175.9	188.1	68.9	8.5
1992	504.3	362.3	73.2	68.8	1,261.3	540.8	252.4	188.5	202.8	67.3	9.5
1993	565.6	401.2	96.5	67.9	1,387.3	602.2	241.0	241.8	235.0	57.0	10.3
1994	601.8	402.6	106.6	92.6	1,474.5	580.2	217.6	250.7	340.6	74.0	11.4
1995	595.0	394.7	129.1	71.2	1,469.4	544.3	182.9	310.4	394.7	25.4	11.7
1996	601.6	383.5	145.7	72.4	1,626.2	568.7	224.5	333.5	447.5	40.0	12.0
1997	809.2	548.5	148.3	112.4	2,032.3	742.3	413.3	324.6	453.9	80.7	17.5

Note: Details may not add up to totals due to rounding.  
Source: Fertilizer and Pesticide Authority.

**Figure 5.3. LAND ACQUISITION UNDER THE CARP BY LAND TYPE**  
1987 to 1997



**Figure 5.4 PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS, 1997**



**Table 5.8**  
**PHILIPPINE RICE IMPORTS AND EXPORTS BY COUNTRY OF ORIGIN AND**  
**COUNTRY OF DESTINATION**  
**1985 to 1997**

Year	Imports			Exports		
	Country of Origin	Volume (metric tons)	Value (million U.S.\$)	Country of Destination	Volume (metric tons)	Value (million U.S.\$)
1985		540,927.00	122.88	NO EXPORTATION		
	Thailand	138,277.00				
	Taiwan	111,791.00				
	China	99,324.00				
	U.S.A. (PL 480)	151,851.00				
	Indonesia	39,684.00				
1986		5,979.00	NCV	NO EXPORTATION		
	Burma <sup>a</sup>	2,318.00				
	Australia <sup>a</sup>	3,661.00				
1987	NO IMPORTATION			Indonesia <sup>b</sup>	111,000.00	24.42
1988		181,167.16		NO EXPORTATION		
	U.S.A. (PL 480)	95,094.44	29.10			
	U.S.A. (PL 480)	55,155.65	21.00			
	China <sup>a</sup>	9,969.54	NCV			
	Spain <sup>a</sup>	835.00	NCV			
	Australia <sup>a</sup>	20,112.53	NCV			
1989		219,928.70		NO EXPORTATION		
	Vietnam	54,300.36				
	Thailand	51,050.00	57.86			
	Indonesia	104,578.34				
	Taiwan <sup>a</sup>	10,000.00				
1990		620,794.57	122.66	NO EXPORTATION		
	Vietnam	334,817.00	68.39			
	Thailand	94,635.85	17.98			
	Indonesia	163,642.27	36.29			
	The Netherlands <sup>a</sup>	27,699.45	NCV			
1991	NO IMPORTATION			Indonesia <sup>b</sup>	10,000.00	2.34
1992	NO IMPORTATION			Indonesia <sup>b</sup>	29,672.33	6.91
1993	Thailand	209,994.20	38.24	NO EXPORTATION		
1994	NO IMPORTATION			NO EXPORTATION		
1995	Australia <sup>a</sup>	4,310.00	NCV	NO EXPORTATION		
	Thailand	39,800.00	12.66			
	Thailand	99,168.25	30.94			
	Thailand	30,075.22	7.31			
	Vietnam	60,680.00	18.67			
	India	23,229.70	6.65			
1996	Thailand	157,100.00	73.90	NO EXPORTATION		
	Vietnam	364,179.50	119.80			
	India	140,573.35	53.30			
	Pakistan	68,650.00	17.80			
	Myanmar	121,920.63	26.70			
	U.S.A. (PL 480)	21,521.00	11.70			
1997	Thailand	335,455.35	101.21	NO EXPORTATION		
	Vietnam	212,484.60	63.75			
	China	112,854.65	45.69			
	U.S.A. (PL 480)	12,734.45	3.77			

a - Donation.

b - Loan Repayment.

NCV - No Current Value.

Source: National Food Authority.

**Table 5.9**  
**LAND ACQUISITION AND DISTRIBUTION ACCOMPLISHMENTS UNDER**  
**THE COMPREHENSIVE AGRARIAN REFORM PROGRAM**  
**BY LAND TYPE AND REGION**  
**1987 to 1997**  
**(Area in hectares)**

Region	Operation Land Transfer <sup>1</sup>		Government-Owned Lands <sup>2</sup>		Settlements and Landed Estates <sup>3</sup>	
	Area	Percent Distribution	Area	Percent Distribution	Area	Percent Distribution
Philippines	493,349	100.00	806,753	100.00	662,972	100.00
Cordillera Administrative Region	1,167	0.24	43,156	5.35	-	-
1 Ilocos Region	28,566	5.79	11,395	1.41	2,267	0.34
2 Cagayan Valley	74,465	15.09	87,224	10.81	47,234	7.12
3 Central Luzon	174,950	35.46	27,192	3.37	65,711	9.91
4 Southern Tagalog	30,257	6.13	55,470	6.88	45,744	6.90
5 Bicol Region	43,626	8.84	44,647	5.53	13,157	1.98
6 Western Visayas	32,671	6.62	102,932	12.76	18,308	2.76
7 Central Visayas	15,635	3.17	32,795	4.07	5,316	0.80
8 Eastern Visayas	17,330	3.51	115,388	14.30	76,824	11.59
9 Western Mindanao	10,731	2.18	62,866	7.79	31,659	4.78
10 Northern Mindanao	14,728	2.99	46,053	5.71	51,045	7.70
11 Southern Mindanao	21,240	4.31	48,340	5.99	47,406	7.15
12 Central Mindanao	21,659	4.39	32,832	4.07	238,643	36.00
13 Caraga	6,324	1.28	96,463	11.96	19,658	2.97

1 - Exclude 15,061 hectares distributed prior to RA 6657.

2 - Include EOs 407 and 448, GFI lands, PCGG-sequestered/surrendered lands, KKK and other gov't lands.

3 - Exclude 44,076 hectares of settlement areas and 11,041 hectares of landed estates distributed prior to RA 6657.

4 - Exclude 190,587 hectares of Certificate of Community Forest Stewardship Contracts issued prior to RA 6657.

5 - Excludes ARMM accomplishment.

Source: Department of Agrarian Reform.

Table 5.9 (continued)

Private Agricultural Lands		Public A & D Lands		Integrated Social Forestry Areas <sup>4</sup>		Total (1987-1997) <sup>5</sup>	
Area	Percent Distribution	Area	Percent Distribution	Area	Percent Distribution	Area	Percent Distribution
759,433	100.00	1,006,457	100.00	707,280	100.00	4,436,244	100.00
13,433	1.77	37,182	3.69	27,485	3.89	122,423	2.76
68,368	9.00	91,135	9.06	17,716	2.50	219,447	4.95
55,748	7.34	87,883	8.73	66,841	9.45	419,395	9.45
40,917	5.39	64,232	6.38	25,796	3.65	398,798	8.99
87,326	11.50	140,749	13.98	81,085	11.46	440,631	9.93
63,122	8.31	54,365	5.40	33,700	4.76	252,617	5.69
65,409	8.61	61,938	6.15	43,851	6.20	325,109	7.33
22,354	2.94	63,483	6.31	31,301	4.43	170,884	3.85
25,243	3.32	79,019	7.85	36,076	5.10	349,880	7.89
78,781	10.37	53,730	5.34	92,687	13.10	330,454	7.45
47,492	6.25	78,817	7.83	89,426	12.64	327,561	7.38
101,359	13.35	82,187	8.17	101,335	14.33	401,867	9.06
50,967	6.71	109,754	10.90	54,959	7.77	508,814	11.47
38,914	5.12	1,983	0.20	5,022	0.71	168,364	3.80

**Table 5.10**  
**LAND ACQUISITION AND DISTRIBUTION PROJECTIONS UNDER THE**  
**COMPREHENSIVE AGRARIAN REFORM PROGRAM BY REGION <sup>1</sup>**  
**1988 to 1998**  
**(Area in hectares)**

Region	Total		Phase 1		Phase 2		Phase 3	
	Area	Benefi- ciaries	Area	Benefi- ciaries	Area	Benefi- ciaries	Area	Benefi- ciaries
Philippines	8,061,864	3,240,519	2,166,588	1,275,426	4,846,501	1,615,500	1,048,775	349,593
CAR	175,120	58,982	73,366	25,064	97,567	32,522	4,187	1,396
1 Ilocos Region	475,517	173,639	124,445	56,615	348,184	116,061	2,888	963
2 Cagayan Valley	554,286	219,441	222,557	108,865	311,287	103,762	20,442	6,814
3 Central Luzon	591,527	334,182	272,537	227,852	280,689	93,563	38,301	12,767
4 Southern Tagalog	869,968	305,493	155,045	67,185	606,186	202,062	108,737	36,246
5 Bicol Region	843,332	307,579	178,450	85,951	464,285	154,762	200,597	66,866
6 Western Visayas	815,811	293,866	240,057	101,948	398,503	132,834	177,251	59,084
7 Central Visayas	419,864	185,719	75,777	71,023	296,072	98,691	48,015	16,005
8 Eastern Visayas	771,893	427,031	165,331	224,844	485,088	161,696	121,474	40,491
9 Western Mindanao	427,999	147,390	131,677	48,616	269,543	89,848	26,779	8,926
10 Northern Mindanao	684,995	201,172	193,334	37,285	432,537	144,179	59,124	19,708
11 Southern Mindanao	676,916	227,397	165,168	56,814	416,466	138,822	95,282	31,761
12 Central Mindanao	754,636	358,628	168,844	163,364	440,094	146,698	145,698	48,566

1- CARP scope approved by PARC (subject for validation). Figures are projections as of June 1997.

Phase 1 - Covers rice and corn lands under PD 27, idle and abandoned land, voluntary offered lands, sequestered/ agricultural properties and government-owned agricultural lands.

Phase 2 - Covers private lands above 50 hectares, resettlements, ISF areas and public A & D lands and lands under agricultural leases.

Phase 3 - Covers agricultural lands more than 5 hectares to 50 hectares.

Source: Department of Agrarian Reform.

**Table 5.11**  
**NUMBER OF REGISTERED COOPERATIVES, BY REGION AND BY TYPE**  
**As of March 1998**

Region	Total	Credit	Consumers	Producers	Marketing	Service	Multi-purpose		Laboratory Cooperatives	Area Marketing Cooperatives	Cooperative Bank	Federation	Union
							Agricultural	Non agricultural					
Philippines	42,328	1,957	677	635	459	912	25,422	11,803	17	0	21	407	18
NCR	2,761	546	177	40	12	179	69	1,706	0	0	1	28	3
CAR	1,450	69	21	10	3	13	919	400	1	0	2	10	2
1	3,086	56	15	3	14	26	2,285	616	1	0	2	67	1
2	2,209	109	6	17	7	31	1,580	418	0	0	0	40	1
3	4,609	213	29	73	33	137	2,707	1,338	1	0	1	76	1
4	4,925	212	53	56	32	109	2,921	1,503	2	0	4	30	3
5	2,475	103	18	42	7	65	1,564	654	4	0	2	15	1
6	3,222	147	28	40	28	36	2,394	519	6	0	0	24	0
7	1,571	57	18	20	3	60	722	678	0	0	2	11	0
8	2,286	77	61	102	51	54	1,550	380	0	0	1	10	0
9	2,128	29	20	37	33	23	1,276	688	0	0	2	18	2
10	1,623	65	23	31	27	35	1,001	426	0	0	0	14	1
11	4,249	161	166	104	107	76	2,026	1,586	0	0	1	22	0
12	4,336	72	19	30	79	46	3,505	553	0	0	1	29	2
13	1,398	41	23	30	23	22	903	338	2	0	2	13	1

Note: Region 13 is Caraga.

Source: Cooperative Development Authority.

**Table 5.12**  
**NUMBER OF CONFIRMED COOPERATIVES, BY REGION AND BY TYPE**  
**As of March 1998**

Region	Total	Credit	Consumers	Producers	Marketing	Service	Multi-purpose		Laboratory Cooperatives	Area Marketing Cooperatives	Cooperative Bank	Federation	Union
							Agricultural	Non agricultural					
Philippines	4,516	1,045	272	110	147	177	2,205	426	0	13	29	46	46
NCR	450	261	49	0	2	55	5	64	0	0	0	12	2
CAR	152	44	23	3	4	4	57	14	0	0	0	1	2
1	365	58	17	4	6	3	244	24	0	1	2	2	4
2	352	75	11	7	4	3	230	18	0	0	3	1	0
3	694	100	9	18	16	15	504	24	0	1	4	2	1
4	394	126	23	16	36	24	136	21	0	0	2	3	7
5	418	57	12	17	14	17	255	40	0	0	1	3	2
6	337	59	20	5	11	8	192	25	0	3	4	7	3
7	284	63	38	11	4	5	92	62	0	1	1	2	5
8	206	49	11	6	6	8	101	19	0	0	1	3	2
9	143	21	9	1	8	1	68	30	0	1	0	1	3
10	139	34	13	2	5	11	52	11	0	1	4	2	4
11	332	49	9	9	5	8	179	56	0	2	4	5	6
12	161	31	20	9	25	11	47	9	0	1	2	2	4
13	89	18	8	2	1	4	43	9	0	2	1	0	1

Note: Region 13 is Caraga.

Source: Cooperative Development Authority.



## **6 ESTABLISHMENT CHARACTERISTICS: INDUSTRIAL SECTOR**

Data on the industrial sector are important in that they provide vital information on the extent to which an economy has attained progress in its industrial development program. This type of information is relevant to developing countries like the Philippines because of the close and positive correlation between industrial development, on one hand, and overall economic and social development, on the other. The industrial sector, manufacturing in particular, leads the country in its thrust toward a more accelerated pace of development. By giving emphasis on the development of its indigenous industries, a country could broaden the base of its development, generate more employment opportunities for the populace, and expand aggregate production.

The major statistical tables presented are: general statistics for manufacturing establishments; number, floor area and value of private building construction in the Philippines by type of building and by region; index of value of production of key manufacturing enterprises by industry; and amount of investments (foreign and local) approved by the Board of Investments under E.O. 226.

Data on manufacturing were culled from the National Statistics Office (NSO) Annual Survey of Establishments (ASE) and the Monthly Survey of Key Establishments in Manufacturing (SKEM). The ASE, conducted annually by the NSO since its inception in 1956, covers the entire country and presents basic statistics on the manufacturing sector such as employment, payrolls, fixed assets, inventories, shipments, costs, and gross value added. The SKEM is a participative undertaking between NSO and the respondent establishments to provide flash indicators on the performance of growth-oriented industries.

Also presented in this chapter are major statistical tables showing the important characteristics of business establishments in the Philippines. The sources of these data are the NSO, the Board of Investments and the Securities and Exchange Commission. The data published cover the following: (1) number of establishments by major industry division and by region; (2) number and initial paid-up capital investments of newly registered business organizations by nationality and kind of business; and (3) capital increases and withdrawals of corporations and partnerships. Taken as a whole, these data show interesting insights on how the business sector fare in the overall development scheme of the country.

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**Table 6.1.a**  
**GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS**  
**WITH AVERAGE TOTAL EMPLOYMENT OF 10 OR MORE WORKERS**  
**1983 to 1995**

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries and Wages (P1,000)	Products/By Products Sold (P1,000)	Selected Costs	Capital Expenditures During the Year (P1,000)	Value of Output (P1,000)	Census Value Added (P1,000)
		Total	Number of Paid Employees						
1983	5,733	700,895	694,879	10,406,945	153,244,411	112,561,775	7,603,945	163,957,498	55,477,503
1984	5,435	645,516	639,607	12,599,655	204,889,735	156,555,384	7,887,077	220,118,798	68,766,417
1985	5,369	623,671	618,335	14,478,441	211,220,055	164,291,635	7,025,445	224,785,634	79,020,469
1986	5,294	636,219	630,996	16,527,992	232,390,891	170,646,262	9,316,490	247,461,328	97,747,092
1987	5,000	675,206	671,051	20,428,917	274,674,171	255,566,775	10,075,019	297,940,287	105,382,060
1988	11,488	856,951	845,069	30,371,571	358,567,932	258,702,877	16,103,904	385,010,014	133,823,686
1989	10,154	949,488	940,363	38,830,654	429,036,254	309,941,931	16,006,342	463,055,311	160,021,700
1990	10,446	932,999	923,857	45,547,844	525,019,009	361,394,136	30,023,121	567,813,582	206,419,446
1991	11,426	946,094	936,496	54,288,150	628,133,702	444,704,681	32,745,570	678,420,246	239,661,293
1992	11,764	968,628	958,807	61,973,628	682,979,853	473,849,327	37,698,440	734,872,372	269,100,538
1993	11,005	908,686	900,645	63,338,190	793,281,989	752,725,682	49,781,015	793,281,989	299,147,649
1994	10,726	895,252	886,806	69,924,430	811,681,367	537,189,120	66,441,752	825,564,003	325,083,594
1995	10,219	911,319	902,994	75,705,732	955,288,570	628,369,514	70,647,192	1,008,157,317	394,018,898

Notes: 1. Data for 1984 to 1987; 1989 to 1995 are results from the Annual Survey of Establishments (ASE) for Manufacturing.

2. Data for 1983, 1988 and 1994 are results from the Census of Establishments (CE) for Manufacturing.

Source: National Statistics Office.

**Table 6.1.b**  
**GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS**  
**WITH AVERAGE TOTAL EMPLOYMENT LESS THAN 10 WORKERS**  
**1988 to 1995**

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries and Wages (P1,000)	Value of Shipments (P1,000)	Selected Costs	Capital Expenditures During the Year (P1,000)	Gross Output (P1,000)	Census Value Added (P1,000)
		Total	Number of Paid Employees						
1988	67,147	234,428	123,338	1,388,935	8,357,037	90,352	385,148	11,293,769	4,075,974
1989	67,651	258,311	155,905	2,372,545	13,891,037	12,210,180	407,823	19,873,447	7,747,538
1990	73,379	294,853	184,645	3,029,221	16,949,673	14,771,679	804,591	23,454,006	8,790,114
1991	76,872	289,060	169,236	3,833,000	22,379,031	17,660,939	577,425	28,142,364	10,639,422
1992	80,022	312,704	172,121	3,355,683	16,770,161	12,831,614	657,173	23,250,049	10,529,499
1993	80,131	317,896	190,131	4,226,555	19,128,653	13,909,179	443,426	24,689,058	11,013,169
1994	81,544	287,630	157,338	3,205,270	26,518,387 <sup>a</sup>	13,639,293	2,417,599	28,401,945	14,921,601
1995	86,484	313,019	172,881	4,621,826	30,519,311 <sup>a</sup>	21,050,186 <sup>b</sup>	851,449	32,817,452	18,158,247

Notes: 1. Data for 1989 to 1993 are results from the Annual Survey of Establishments (ASE) for Manufacturing.

2. Data for 1983, 1988 and 1994 are results from the Census of Establishments (CE) for Manufacturing.

a - Data is revenue from main activity.

b - Data is total costs.

Source: National Statistics Office.

**Table 6.2**  
**GENERAL STATISTICS FOR LARGE MANUFACTURING ESTABLISHMENTS**  
**BY MAJOR INDUSTRY GROUP**  
**1995**  
(Value and cost figures in thousand pesos)

Code	Major Industry Group	Number of Establishments	Employment (Average for the Year)		Total Compensation
			Total	Number of Paid Employees	
	All Manufacturing Establishments	10,219	911,319	902,994	75,705,732
311 & 312	Food	2,508	162,510	159,795	12,548,927
313	Beverages	88	25,036	25,026	3,385,695
314	Tobacco	20	11,082	11,078	1,011,974
321	Textile	491	55,878	55,635	3,738,620
322	Wearing apparel	1,495	144,586	143,376	8,504,736
323	Leather and leather products,	84	8,075	8,027	437,033
324	Leather footwear	370	14,594	14,103	627,995
331	Wood, wood and products	351	23,799	23,486	1,154,735
332	Furniture and fixtures, except primarily of metal	435	21,251	20,843	989,855
341	Paper and paper products	205	19,021	18,959	1,719,746
342	Printing and publishing	632	23,364	22,791	1,930,871
351	Industrial chemicals	189	11,958	11,918	1,570,360
352	Other chemicals	293	32,395	32,236	6,687,296
353	Petroleum refineries	4	2,616	2,616	1,247,281
354	Miscellaneous products of petroleum and coal	16	646	646	86,090
355	Rubber products	175	19,894	19,827	1,442,127
356	Plastic products	359	25,013	24,829	1,919,187
361	Pottery, china and earthenware	59	8,394	8,281	645,235
362	Glass and glass products	46	5,179	5,163	629,299
363	Cement	18	6,955	6,955	1,062,412
369	Non-metallic mineral products	249	12,385	12,189	941,377
371	Iron and steel	196	22,897	22,866	2,211,060
372	Non-ferrous metal	40	4,150	4,143	524,409
381	Fabricated metal products	548	33,343	32,980	2,132,430
382	Machinery	451	28,919	28,738	2,338,524
383	Electrical machinery, apparatus, appliances and supplies	287	127,058	126,942	11,357,188
384	Transport equipment	253	25,309	24,765	2,566,032
385	Professional and scientific, measuring and controlling equipment	18	6,874	6,874	585,600
386	Furniture, metal	35	2,286	2,251	100,660
390	Other manufacturing industries	304	25,854	25,660	1,608,978

Note: Data are from establishments with average total employment of 10 or more workers.

Source: National Statistics Office.

Table 6.2 (continued)

Total Receipts	Products/By Products Sold	Total Costs	Census Value Added	Total Book Value of Fixed Assets as of December 31	Capital Expenditures of Fixed Assets During the Year	
					Total	New
987,822,044	955,288,570	614,138,419	394,018,898	316,740,136	70,647,192	59,227,328
203,766,825	199,247,952	134,184,422	74,447,540	49,175,185	9,361,904	6,739,919
51,633,226	51,451,551	19,876,112	33,132,105	24,627,053	7,744,114	5,219,452
27,885,347	27,703,263	9,009,435	18,563,406	1,659,888	587,582	560,748
31,233,947	30,530,837	19,986,891	12,393,689	15,790,202	2,606,447	2,023,789
35,172,335	32,673,951	17,403,660	18,632,160	5,504,942	774,953	706,112
1,690,850	1,678,823	958,297	738,911	330,719	23,193	13,714
2,938,570	2,897,122	1,958,455	1,060,152	523,272	45,682	41,266
8,144,724	7,779,839	5,380,047	2,870,834	2,773,191	247,579	149,510
5,093,135	5,044,799	3,141,350	1,998,586	1,099,710	144,481	116,598
22,418,786	22,263,154	15,027,619	8,002,726	12,558,263	3,779,996	3,188,788
13,012,839	11,418,281	7,710,772	5,419,660	4,057,202	531,422	437,784
27,465,530	26,831,718	18,127,204	9,723,685	13,913,038	1,304,041	953,751
69,368,744	62,260,495	32,324,325	36,416,818	14,526,092	4,254,758	3,953,182
121,960,089	120,170,165	82,296,675	40,819,035	31,998,116	3,718,021	3,718,021
1,527,683	1,332,683	1,149,522	466,936	174,343	20,222	11,076
10,084,701	9,687,227	5,226,184	5,149,092	3,778,925	1,568,859	494,101
20,099,402	19,797,597	12,993,543	7,268,473	8,180,519	2,577,227	2,415,536
2,287,462	2,259,541	951,680	1,387,321	1,240,660	153,775	148,225
6,167,250	6,157,084	2,461,402	3,847,893	5,151,771	1,159,811	1,027,917
18,960,770	18,960,623	9,950,217	9,501,507	21,038,976	6,749,844	6,126,731
6,759,619	6,520,615	3,360,679	3,378,634	4,016,359	1,243,190	1,171,939
46,084,902	45,728,484	34,556,311	14,100,656	27,149,832	2,396,239	1,535,558
23,328,349	21,059,391	17,910,753	6,496,069	10,520,266	548,832	531,302
17,913,754	17,208,243	12,152,414	6,077,971	5,162,301	1,021,635	910,887
20,564,474	19,234,514	13,444,509	8,074,663	5,104,169	1,969,496	1,901,114
					0	
122,971,972	120,250,568	82,450,753	43,504,052	36,095,415	13,506,753	13,030,838
58,859,245	54,842,141	44,423,129	15,625,390	7,628,595	1,881,641	1,540,939
					0	
1,995,394	1,994,583	1,021,314	989,578	715,920	267,743	240,622
752,591	738,461	521,969	242,356	256,383	21,866	10,480
7,679,526	7,564,866	4,178,774	3,689,002	1,988,829	435,886	307,428

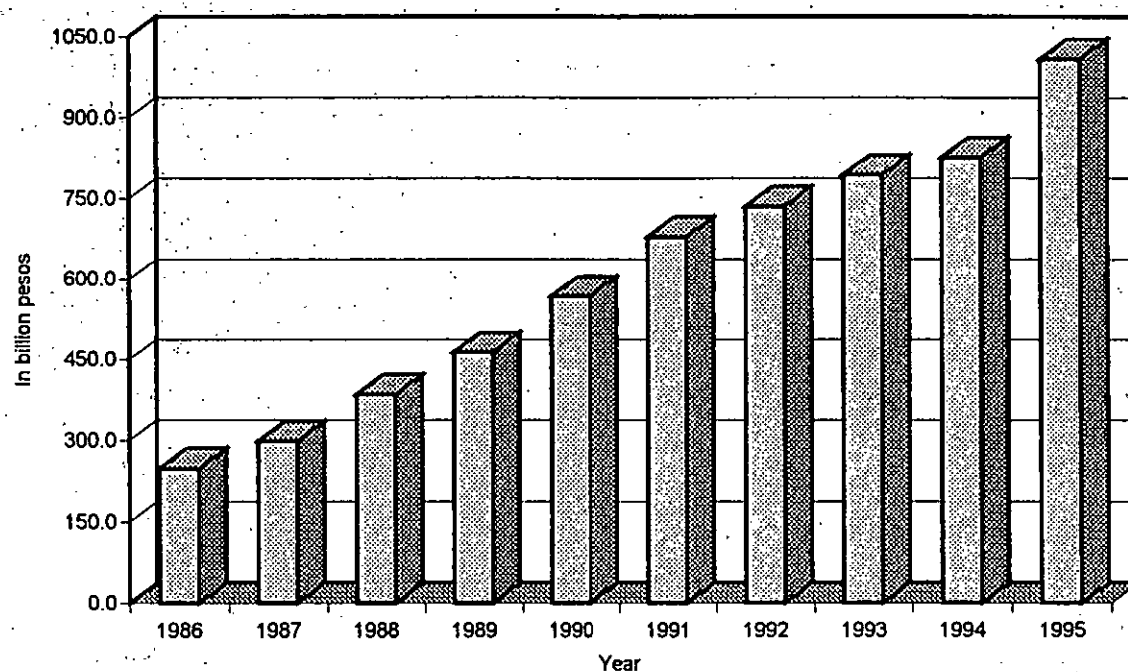
**Table 6.3**  
**SELECTED CHARACTERISTICS OF LARGE MANUFACTURING ESTABLISHMENTS BY INDUSTRY**  
**1986 to 1995**  
(Value and expenditures are in thousand pesos)

Year	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets
Food (311 + 312)					Beverages and Tobacco (313 + 314)			
1986	1,263	122,958	56,636,140	974,615	113	39,039	30,979,205	340,075
1987	1,165	132,824	65,052,828	1,084,629	105	40,344	34,751,687	739,673
1988	3,070	161,127	79,821,503	1,845,443	135	44,606	41,062,332	665,372
1989	2,493	167,550	94,828,958	2,273,408	133	44,792	47,738,647	606,757
1990	2,562	167,913	125,090,430	1,745,805	126	45,305	51,069,001	4,717,847
1991	2,783	163,286	128,164,297	5,666,875	128	46,309	59,265,608	1,595,369
1992	2,824	162,410	140,525,035	6,165,730	122	42,257	64,172,769	1,239,855
1993	2,689	167,224	154,846,351	54,611,419	108	39,152	77,112,455	1,956,886
1994	2,630	162,017	162,033,439	6,753,250	107	36,765	73,687,524	1,974,489
1995	2,508	162,510	199,247,952	6,739,919	108	36,118	79,154,814	5,780,200
Textiles (321)					Footwear and Wearing Apparel (322 + 324)			
1986	305	70,686	10,715,200	319,445	550	100,589	4,214,865	122,632
1987	297	76,831	14,171,112	1,040,663	525	108,356	6,565,679	185,269
1988	547	89,499	17,929,007	1,286,446	1,997	151,749	11,335,272	262,305
1989	537	101,012	23,221,567	1,246,719	1,754	202,575	16,041,235	784,450
1990	537	97,596	25,967,896	1,377,653	1,901	176,460	18,124,682	305,447
1991	567	84,297	26,173,810	823,254	2,126	188,182	27,670,168	495,882
1992	592	79,390	27,022,083	1,284,081	2,209	193,427	24,901,877	623,695
1993	575	66,965	24,902,671	1,003,041	2,085	177,216	36,535,546	538,473
1994	537	63,954	25,215,586	1,306,682	1,996	161,537	33,390,018	545,466
1995	491	55,878	30,530,837	2,023,789	1,865	159,180	35,571,073	747,378
Leather (323)					Wood, Wood and Cork Products (331)			
1986	41	2,200	183,469	1,334	270	44,667	6,064,126	125,555
1987	39	2,905	224,096	18,059	254	44,775	7,331,335	91,858
1988	120	5,167	478,202	22,784	682	56,433	10,344,766	195,543
1989	109	8,225	719,643	7,074	661	54,953	10,097,725	205,025
1990	106	7,639	930,970	18,704	604	45,525	9,518,202	275,292
1991	100	8,141	1,447,214	49,538	613	43,479	11,136,393	224,719
1992	99	7,889	1,229,215	8,447	539	35,563	931,275	155,222
1993	83	5,439	1,081,454	27,790	454	30,040	9,769,768	247,529
1994	84	6,321	1,110,391	10,748	401	24,254	8,570,820	343,285
1995	84	8,075	1,678,823	13,714	351	23,799	7,779,839	149,510

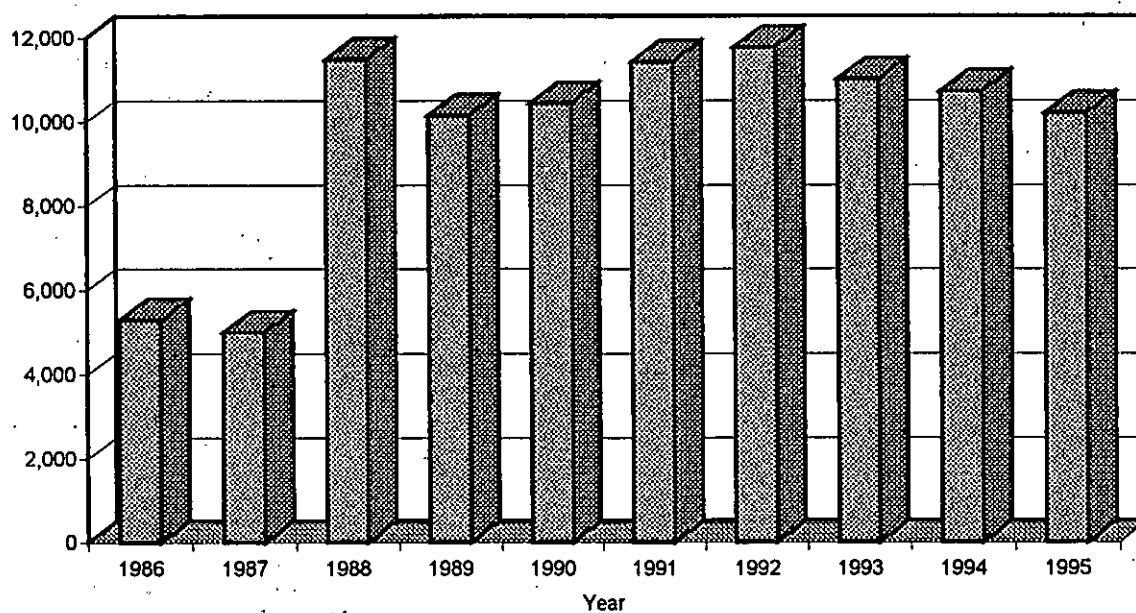
Table 6.3 (continued)

Year	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets
Furniture & Fixtures (332)					Paper and Printing (341 + 342)			
1986	253	21,932	1,416,528	25,283	481	27,956	10,132,308	92,298
1987	231	27,085	1,959,417	53,156	472	28,606	10,097,964	223,005
1988	678	41,276	3,647,682	84,741	812	35,744	13,236,623	246,067
1989	585	42,530	4,005,923	81,091	719	37,782	15,511,246	524,053
1990	601	36,098	3,911,309	93,514	749	36,920	17,589,277	520,370
1991	629	33,671	4,784,663	91,918	817	37,485	20,602,309	792,913
1992	638	30,554	4,675,985	128,519	841	41,683	24,932,890	790,330
1993	557	23,494	5,704,062	143,481	830	42,218	28,034,669	1,432,989
1994	497	24,269	5,372,751	129,201	852	40,286	22,038,176	1,598,458
1995	435	21,251	5,044,799	116,598	837	42,385	33,681,435	3,626,572
Chemicals (351 + 352 + 356)					Petroleum and Coal (353 + 354)			
1986	468	45,628	25,822,918	652,533	12	2,746	38,901,959	379,191
1987	457	47,272	31,823,490	720,392	11	2,847	42,833,030	1,120,985
1988	716	58,195	45,711,653	1,042,028	20	2,983	44,657,862	519,503
1989	719	62,589	48,585,703	1,413,484	16	2,876	43,544,363	458,106
1990	720	62,899	62,326,888	2,650,908	16	2,986	63,631,175	1,641,665
1991	799	64,031	78,804,789	2,872,341	19	3,024	91,264,101	4,500,483
1992	1,215	68,626	86,109,204	2,637,511	21	3,174	87,901,711	4,948,853
1993	816	66,221	85,875,939	3,348,909	20	3,387	92,804,049	10,491,519
1994	836	68,617	92,232,486	4,302,880	18	3,439	112,133,095	7,785,172
1995	841	69,366	108,889,810	7,322,469	20	3,262	121,502,848	3,729,097
Rubber Products (355)					Non-metallic Mineral Products (361 + 362 + 363 + 369)			
1985	107	17,917	2,755,371	133,766	219	21,253	6,044,982	136,918
1986	112	18,556	2,816,809	84,762	207	21,192	6,005,681	179,205
1987	106	22,713	3,770,162	95,040	191	21,336	7,956,021	219,109
1988	174	26,181	8,162,727	429,833	464	27,954	10,957,620	378,490
1989	162	26,659	7,206,056	430,094	417	31,115	2,570,139	92,805
1990	179	29,326	8,211,181	464,752	456	35,640	17,215,415	1,917,210
1991	172	26,475	9,265,497	841,487	513	36,810	10,800,671	1,821,167
1992	186	29,586	13,145,413	683,513	539	42,727	25,327,595	3,962,834
1993	178	22,591	10,520,421	762,740	454	35,413	25,609,000	2,461,136
1994	187	23,865	9,470,707	372,984	443	36,435	25,230,607	6,461,969
1995	175	19,894	9,687,227	494,101	105	13,573	33,897,863	8,474,812

**Figure 6.1 GROSS VALUE OF OUTPUT OF ALL MANUFACTURING ESTABLISHMENTS: 1986 to 1995**



**Figure 6.2 NUMBER OF MANUFACTURING ESTABLISHMENTS: 1986 to 1995**





**Table 6.3 (continued)**  
**SELECTED CHARACTERISTICS OF LARGE MANUFACTURING ESTABLISHMENTS BY INDUSTRY**  
**1986 to 1995**  
(Value and expenditures are in thousand pesos)

Year	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establishments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets
Base Metals (371 + 372)					Metal Products (381)			
1985	139	18,341	13,874,169	901,100	262	14,680	3,240,393	64,458
1986	138	18,284	18,217,312	1,610,809	266	16,732	3,019,094	45,752
1987	121	16,956	20,774,216	744,421	258	18,287	3,542,124	81,680
1988	162	18,125	29,222,417	3,359,413	483	21,733	5,301,344	146,578
1989	172	20,237	35,311,559	1,370,400	415	25,175	6,919,362	103,484
1990	184	21,780	40,049,871	1,669,112	412	23,975	8,535,203	188,234
1991	201	22,138	40,358,385	398,762	527	26,759	10,516,353	537,848
1992	206	23,003	42,230,257	371,573	592	27,312	10,318,931	346,861
1993	208	22,191	51,824,649	3,160,718	565	29,589	12,121,874	647,177
1994	225	25,105	50,044,466	12,849,821	555	29,365	14,474,798	584,736
1995	236	27,047	66,787,875	2,066,860	548	33,343	17,208,243	910,887
Machinery (382)					Electrical Machinery (383)			
1985	328	13,603	1,385,262	31,703	148	37,608	10,379,150	584,085
1986	316	12,667	1,273,589	28,781	159	40,085	13,299,178	709,887
1987	300	12,597	2,006,332	39,189	151	43,436	17,785,029	1,381,292
1988	552	18,576	2,727,573	138,495	214	54,374	24,298,396	1,592,738
1989	460	20,076	4,166,134	169,208	208	58,078	30,632,969	1,528,308
1990	463	19,852	3,284,458	100,927	228	76,003	43,528,635	3,770,949
1991	517	19,815	4,551,621	160,843	272	89,834	65,435,002	4,403,547
1992	540	20,996	5,467,738	396,252	296	102,025	75,125,368	4,060,729
1993	488	19,873	9,575,970	322,567	265	98,645	78,804,746	6,585,567
1994	464	21,801	10,911,036	300,434	271	107,910	100,711,036	9,972,142
1995	451	28,919	19,234,514	1,901,114	287	127,058	120,250,568	13,030,838
Transport Equipment (384)					Miscellaneous (385 + 386 + 390)			
1985	161	12,194	2,355,257	39,250	177	20,040	1,182,961	61,174
1986	160	11,690	1,689,449	42,144	180	18,603	1,003,062	64,139
1987	145	11,545	2,816,088	87,743	172	16,595	1,213,561	115,458
1988	230	14,053	7,224,642	208,044	432	29,176	2,448,308	65,980
1989	210	17,363	15,555,415	411,176	345	21,667	3,030,834	143,269
1990	241	21,302	21,571,500	918,423	361	26,780	4,462,919	150,725
1991	246	21,808	21,148,633	920,933	397	30,550	5,856,308	150,501
1992	266	24,892	34,735,405	827,661	405	33,114	5,857,102	328,135
1993	257	23,920	38,848,067	1,494,662	373	35,108	8,753,911	574,885
1994	264	24,098	48,055,369	1,224,748	359	35,214	9,157,406	605,087
1995	253	25,309	54,842,141	1,540,939	357	35,014	10,297,910	558,530

Notes: 1. 1988 and 1994 are census years.

2. Data are for establishments with an average total employment of 10 or more workers.

Source: National Statistics Office.

**Table 6.4**  
**SUMMARY OF GROSS VALUE OF OUTPUT OF MANUFACTURING ESTABLISHMENTS**  
**BY INDUSTRY**  
**1977 to 1995**  
**(In million pesos)**

Major Industry Group	1977	1979	1980	1981	1982	1983	1984
All Manufacturing Establishments	73,267	119,718	125,058	140,331	158,775	163,957	220,119
Food	19,029	27,646	27,870	31,301	34,785	36,394	53,073
Beverages	3,877	4,180	3,363	7,208	7,245	7,571	14,315
Tobacco	3,776	4,146	3,987	5,829	6,655	7,289	10,616
Textiles	5,549	8,605	9,051	9,726	9,602	8,492	10,472
Footwear and wearing apparel	1,105	12,627	3,685	5,645	5,012	4,236	5,067
Wood and cork	2,058	4,280	4,999	5,188	4,576	5,467	5,623
Furniture and fixtures	364	945	1,246	1,117	1,378	848	1,158
Paper	2,608	4,156	3,670	3,513	3,693	3,998	6,004
Printing	811	1,560	1,926	1,855	1,933	1,719	2,086
Leather	98	161	190	168	182	207	214
Rubber products	989	1,902	2,051	2,623	2,841	2,187	2,883
Chemicals	7,645	10,566	14,379	14,618	14,690	16,117	20,785
Petroleum and coal	10,272	14,245	19,937	23,073	33,424	31,683	39,745
Non-metallic mineral products	1,799	1,039	1,213	1,106	1,072	1,178	1,524
Basic metal	2,929	4,575	4,891	4,741	4,481	10,480	16,901
Metal product	1,534	3,103	3,140	3,381	3,658	2,929	4,541
Machinery except electrical	498	1,098	1,639	1,644	2,152	1,066	1,443
Electrical machinery	2,170	3,795	5,043	4,725	7,000	8,566	11,394
Transport equipment	3,962	5,302	5,787	4,714	6,083	6,123	3,014
Miscellaneous	2,195	653	882	708	1,079	619	907

Notes: 1. 1983, 1988 and 1994 are census years.

2. Data from 1993-1995 on basic metal consists of non-ferrous metal, iron and steel while metal products data consists of fabricated metal products and furniture (metal).

3. Data are for establishments with average total employment of 10 or more workers.

Source: National Statistics Office.

Table 6.4 (continued)

1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
224,786	250,396	297,940	385,010	463,055	567,814	678,420	734,877	793,282	825,564	1,008,157
46,169	59,861	69,764	83,367	99,922	131,510	136,228	148,144	161,083	169,191	208,632
14,083	15,877	19,604	25,189	31,392	33,301	41,176	42,533	55,139	47,678	53,008
13,169	13,995	15,523	16,194	17,123	18,314	18,972	22,153	22,804	26,937	27,573
10,309	11,584	15,330	19,556	24,455	27,304	28,578	29,238	26,071	26,639	32,381
5,018	6,899	9,857	15,854	25,684	24,229	35,641	35,153	36,848	36,536	36,036
5,435	6,241	7,786	10,936	11,190	10,226	12,254	9,962	10,571	9,166	8,251
1,180	1,469	2,078	3,867	4,272	4,152	5,069	5,471	5,900	5,650	5,140
5,427	7,851	7,255	10,247	11,578	12,499	15,184	18,958	14,375	17,266	23,030
2,425	2,917	3,569	4,166	5,580	6,467	7,548	9,305	14,770	10,980	13,130
181	195	266	531	788	1,020	1,537	4,130	1,142	1,202	3,019
2,823	3,337	4,314	8,428	7,829	8,766	9,840	13,891	11,210	9,848	10,375
22,561	27,066	32,446	44,993	53,419	69,320	88,632	81,384	82,211	86,041	68,741
48,472	38,348	44,587	44,994	43,003	67,385	90,581	86,715	91,567	111,690	124,623
947	1,049	8,121	1,990	2,849	18,156	12,935	46,608	5,236	6,007	6,739
15,006	19,272	22,604	31,699	37,093	42,802	35,723	33,935	54,874	52,972	73,064
3,769	3,595	4,363	5,965	7,994	9,871	8,312	12,185	14,316	16,418	18,995
1,691	1,553	2,483	3,318	4,819	4,450	3,340	6,843	10,484	11,535	21,519
10,809	14,102	18,952	25,628	32,798	48,593	45,088	80,459	81,397	102,221	125,955
2,546	2,606	4,361	8,895	18,170	24,150	18,109	37,861	45,405	51,060	60,049
1,071	1,219	1,404	2,630	3,365	5,196	3,967	5,696	47,879	26,527	87,897

**Table 6.5**  
**INDEX OF VALUE OF PRODUCTION OF KEY MANUFACTURING ENTERPRISES BY INDUSTRY**  
**1990 to 1997**  
**(1985 = 100)**

Year	Total Manufacturing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1990	200.2	176.2	181.4	113.1	193.5	213.8	151.7	254.5
1991	241.0	187.9	222.1	120.3	212.4	214.1	179.5	233.5
1992	256.0	216.5	235.5	124.2	201.1	234.2	126.9	232.5
1993	301.0	210.9	236.7	137.6	170.1	256.4	174.6	177.9
1994	342.4	237.9	268.6	153.4	163.9	283.8	147.3	184.7
1995	400.9	235.7	271.8	156.4	189.0	310.3	132.2	222.5
January	342.8	257.6	255.5	167.6	156.5	232.5	110.3	180.1
February	369.7	245.7	230.4	142.5	166.7	278.6	131.8	199.6
March	428.9	251.0	292.7	162.0	186.8	287.7	139.0	267.8
April	384.6	186.4	278.4	113.0	159.3	258.3	136.6	208.5
May	390.1	215.0	328.4	159.3	186.2	276.1	114.8	216.1
June	417.5	240.9	268.7	175.3	189.6	372.7	135.7	244.8
July	408.8	217.5	245.9	166.0	198.8	332.1	148.9	221.2
August	419.4	224.3	275.4	150.9	211.1	343.7	135.3	220.8
September	406.0	198.0	245.8	128.6	203.9	352.0	144.1	240.2
October	422.8	259.0	268.2	162.0	203.7	330.3	136.2	221.4
November	408.8	255.2	287.2	171.4	203.8	334.2	142.5	233.7
December	411.6	278.2	284.4	178.1	201.7	325.4	110.7	215.7
1996	437.9	272.7	327.3	171.3	173.4	211.8	125.6	461.3
January	435.5	283.1	303.2	145.8	171.0	183.1	109.0	383.1
February	452.6	305.0	281.3	167.6	203.8	210.2	104.4	444.6
March	470.8	318.8	322.0	176.8	205.2	224.4	125.7	467.6
April	395.9	242.4	329.8	122.9	149.5	182.1	111.1	324.5
May	436.1	254.4	369.3	181.2	175.3	230.0	122.8	479.8
June	457.1	279.7	330.1	188.3	184.5	220.0	149.9	409.4
July	426.7	238.8	319.6	175.9	194.2	206.5	148.8	472.3
August	456.9	258.3	296.5	164.3	187.1	228.8	138.0	493.6
September	451.0	246.0	315.2	160.6	180.5	208.9	132.0	478.8
October	449.0	276.0	371.7	196.1	159.1	226.4	124.8	591.3
November	429.9	287.0	334.9	180.7	139.9	213.4	121.1	482.4
December	393.6	283.1	353.5	195.4	130.4	207.7	120.0	507.7
1997								
January	420.0	305.0	348.6	118.3	136.2	194.6	119.8	494.6
February	462.6	323.2	336.8	168.3	153.4	183.8	130.4	505.7
March	437.0	310.1	319.1	153.8	144.9	175.1	129.8	468.0
April	441.9	275.6	380.1	198.4	139.0	197.4	129.3	541.3
May	438.2	260.9	387.1	206.1	135.7	198.2	127.4	545.8

Note: Data as of August 1997.

Source: Survey of Key Manufacturing Enterprises, National Statistics Office.

Table 6.5 (continued)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic Mineral Products	Basic Metals	Transport Equipment	Electrical Machinery	Miscella- neous
154.2	132.9	170.2	118.1	197.2	273.4	826.2	193.9	57.6
186.5	152.9	195.9	157.1	247.6	347.8	1,001.6	273.6	70.1
176.2	183.7	200.7	167.2	262.0	293.4	1,197.4	290.1	72.1
178.4	228.8	184.0	159.3	272.1	314.2	1,899.1	381.1	142.5
210.1	251.3	167.5	148.5	294.2	334.6	2,257.6	523.9	209.5
255.9	283.3	151.4	204.4	347.6	425.6	2,767.8	616.1	252.5
240.8	246.9	124.7	193.0	341.2	337.8	2,255.2	440.2	232.2
251.8	271.6	156.8	182.2	311.3	374.7	2,529.9	542.8	221.6
278.7	271.8	154.3	201.2	351.3	477.9	3,253.6	627.0	264.5
247.5	330.6	145.2	199.9	327.6	436.6	2,720.8	592.4	243.2
258.1	251.2	147.2	213.8	332.1	423.2	2,792.5	577.6	260.1
272.8	283.8	150.5	224.5	361.1	434.8	2,832.6	640.2	255.9
269.6	319.1	165.9	223.1	385.2	445.2	2,831.8	581.4	258.0
269.5	297.7	165.0	201.9	376.7	447.6	3,024.1	634.0	268.6
260.2	281.0	164.4	170.4	353.1	432.1	2,948.7	686.2	253.5
249.1	292.8	158.6	207.1	352.7	422.7	2,990.7	653.1	262.0
240.6	276.6	146.6	196.5	345.3	428.4	2,697.9	676.2	262.1
231.5	276.1	137.5	238.8	333.1	446.0	2,335.8	741.8	247.7
255.5	292.1	118.5	238.5	383.6	442.4	2,839.2	812.6	278.4
275.8	234.6	119.8	285.6	324.5	536.4	2,679.0	779.7	276.8
263.4	271.1	134.9	238.9	357.3	448.1	3,067.5	816.5	261.9
288.2	301.3	125.7	234.5	347.2	427.7	3,151.4	890.4	257.5
233.7	245.6	105.5	191.5	377.5	322.0	2,740.4	782.1	254.2
220.0	308.9	119.1	242.2	430.0	311.1	3,017.2	799.7	326.0
238.2	319.3	123.6	252.2	393.2	447.4	2,868.1	899.3	267.6
250.6	289.9	112.5	252.2	414.2	473.3	2,968.5	654.5	303.3
267.1	308.0	113.7	246.2	407.5	425.9	3,347.4	765.5	293.0
257.4	318.4	115.8	222.8	368.3	449.7	2,966.6	937.8	263.7
268.4	292.0	123.4	245.5	392.0	499.2	2,899.1	806.9	311.0
264.5	311.1	121.5	213.0	391.7	484.6	2,621.2	810.4	266.0
238.5	305.1	106.8	236.9	400.3	483.4	1,743.6	807.8	260.0
231.9	312.9	105.8	244.6	436.3	417.5	2,239.5	832.6	268.8
196.6	308.9	117.9	243.3	427.1	350.3	2,702.5	1,064.6	298.5
171.4	239.2	103.8	228.9	417.0	423.5	2,475.2	932.3	363.3
197.2	315.3	111.9	239.8	509.8	359.5	2,374.6	1,047.8	379.5
189.2	273.6	102.8	227.5	488.9	380.4	2,451.5	1,067.2	378.1

Table 6.6

**NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION  
BY TYPE OF BUILDING AND BY REGION**

1981 to 1997

(Value in thousand pesos; area in thousand square meters)

Year	Total			Residential			Non-residential			Additions, Alterations and/or Repairs		
	Number	Floor Area	Value	Number	Floor Area	Value	Number	Floor Area	Value	Number	Floor Area	Value
1981	38,805	5,489	6,310,570	23,922	2,477	2,496,437	5,622	2,705	3,306,400	9,261	307	507,733
1982	39,622	5,178	4,039,454	26,352	2,748	2,967,680	4,203	2,159	535,887	9,067	271	535,887
1983	46,927	7,233	8,479,010	32,883	3,575	4,114,569	4,445	3,274	3,722,719	9,599	384	641,722
1984	40,578	5,377	8,216,601	28,095	3,129	4,153,690	3,430	1,912	3,392,966	9,053	336	669,945
1985	30,477	4,557	8,286,700	20,244	2,122	3,101,356	3,390	2,171	4,573,893	6,843	264	611,451
1986	31,170	4,026	6,531,456	19,582	2,105	3,317,094	3,645	1,583	2,325,003	7,943	338	889,359
1987	41,712	5,951	11,124,000	27,809	3,118	5,832,042	4,504	2,370	4,108,333	9,399	463	1,183,625
1988	44,434	7,534	17,341,835	30,181	3,486	6,933,822	5,067	3,222	7,389,140	9,186	826	3,018,873
1989	44,971	9,992	30,105,853	31,219	5,272	17,488,113	5,364	4,264	10,784,224	8,388	456	1,833,516
1990	44,770	8,128	24,778,691	30,787	3,728	9,816,967	5,467	3,913	12,532,196	8,516	487	2,429,528
1991	46,136	6,936	23,858,917	32,339	3,675	10,302,354	5,616	2,845	10,797,876	8,181	416	2,758,687
1992	50,793	8,150	31,119,737	36,063	3,862	13,952,549	6,425	3,693	13,439,011	8,305	595	3,728,177
1993	53,478	8,831	39,457,971	38,894	4,232	17,024,276	6,343	4,050	18,963,451	8,241	549	3,470,244
1994	68,278	10,745	56,071,843	50,277	5,527	21,523,324	7,869	4,612	28,565,516	10,132	606	5,983,003
1995	76,073	13,180	68,066,233	53,777	5,876	25,294,435	9,998	6,362	36,202,124	12,298	942	6,569,674
1996	115,496	17,665	123,452,567	85,541	7,045	33,403,498	11,066	9,677	80,024,543	18,889	943	10,024,526
1997	115,566	17,665	123,452,558	85,541	7,045	33,403,489	11,136	9,677	80,024,543	18,889	943	10,024,526
NCR	18,876	7,085	71,962,309	12,064	2,142	14,120,567	2,325	4,549	52,300,870	4,487	394	5,540,872
CAR	1,060	247	1,536,033	806	92	429,536	121	140	1,011,153	133	15	95,344
Region 1	6,944	578	2,403,212	4,431	345	1,191,462	628	200	987,539	1,885	33	224,211
Region 2	1,628	221	888,277	1,066	105	369,748	329	98	434,250	233	18	84,279
Region 3	16,558	1,731	7,582,961	14,585	670	2,511,365	1,193	989	4,417,392	780	72	654,204
Region 4	34,135	3,471	19,409,353	29,428	1,771	7,987,241	2,020	1,552	9,989,641	2,687	148	1,432,471
Region 5	2,471	316	1,446,805	1,693	165	655,886	345	133	599,304	433	18	191,615
Region 6	3,496	572	2,626,606	2,521	269	1,131,836	593	273	1,196,962	382	30	297,808
Region 7	8,988	1,273	6,511,542	5,197	499	1,752,300	1,007	711	4,312,403	2,784	63	446,839
Region 8	2,440	223	863,073	1,788	152	508,805	263	60	255,043	389	11	99,225
Region 9	1,809	163	678,597	1,076	88	256,735	215	66	362,517	518	9	59,345
Region 10	6,143	549	2,089,338	3,552	278	807,899	659	238	1,037,944	1,932	33	243,495
Region 11	9,030	1,017	4,546,955	6,089	369	1,347,883	1,030	561	2,618,619	1,911	87	580,453
Region 12	1,876	213	881,265	1,226	98	327,275	329	105	487,826	321	10	66,164
ARMM	42	6	26,241	19	2	4,960	9	2	13,080	14	2	8,201

1 - Refers to the number of building construction permits issued.

Note: Details may not add up to total due to rounding.

Source: National Statistics Office.

**Table 6.7**  
**NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED**  
**BUSINESS ORGANIZATIONS**  
**1976 to 1997**  
**(Amount in thousand pesos)**

Year	Total		Corporations <sup>1</sup>			Partnerships	
	Number	Initial Paid-up Capital	Number	Subscribed Capital	Initial Paid-up Capital	Number	Initial Paid-up Capital
1976	6,153	1,149,000	4,828	2,376,867	1,061,000	1,325	88,000
1977	5,730	1,053,497	4,545	2,210,453	922,204	1,185	131,293
1978	6,113	1,272,320	5,039	3,208,094	1,188,112	1,074	84,208
1979	6,364	1,316,290	5,330	3,478,370	1,219,486	1,034	96,804
1980	5,999	1,582,338	4,964	3,896,273	1,478,818	1,035	103,520
1981	5,478	1,542,808	4,493	3,490,514	1,432,478	985	110,330
1982	5,315	1,630,955	4,344	3,724,364	1,534,776	971	96,179
1983	5,575	1,747,865	4,587	3,805,534	1,635,232	988	112,633
1984	4,480	1,148,589	3,604	2,574,804	1,001,482	876	147,107
1985	5,300	2,068,958	4,269	3,453,736	1,891,130	1,031	177,828
1986	6,002	1,621,299	5,003	3,552,357	1,464,608	999	156,691
1987	8,267	3,205,411	7,057	7,200,611	2,995,530	1,210	209,881
1988	9,033	5,895,453	7,809	11,861,519	5,661,014	1,224	234,439
1989	10,454	8,098,109	9,099	17,277,036	7,817,512	1,355	280,597
1990	10,680	12,588,234	9,048	19,748,925	12,187,583	1,632	400,651
1991	10,777	7,419,308	9,021	14,951,479	6,951,028	1,756	468,280
1992	11,238	9,080,554	9,447	16,823,029	8,507,904	1,791	572,650
1993	13,398	14,437,880	11,127	26,438,585	13,536,631	2,271	901,249
1994	15,716	25,969,076	13,253	56,918,401	24,628,439	2,463	1,340,637
1995	15,333	29,949,031	12,958	50,027,759	28,593,898	2,375	1,355,133
1996	16,121	41,541,416	13,474	64,483,520	39,466,138	2,647	2,075,278
1997	17,663	56,636,060	14,070	70,988,045	47,880,597	3,593	8,755,463
January	1,461	4,963,796	1,188	6,373,981	4,634,901	273	328,895
February	1,675	5,085,836	1,357	8,761,254	4,742,626	318	343,210
March	1,484	2,823,372	1,216	3,968,633	2,511,267	268	312,105
April	1,559	6,292,222	1,184	7,595,935	5,861,555	375	430,667
May	1,366	2,654,000	1,141	4,337,049	2,306,584	225	347,416
June	1,570	5,876,128	1,290	4,425,145	2,447,440	280	3,428,688
July	1,752	6,605,823	1,383	8,320,633	5,936,918	369	668,905
August	1,438	4,921,483	1,123	5,774,755	4,268,431	315	653,052
September	1,611	4,930,780	1,232	6,051,015	4,310,504	379	620,276
October	1,549	5,064,741	1,208	6,652,274	4,461,973	341	602,768
November	1,074	2,247,641	863	3,036,084	1,762,632	211	485,009
December	1,124	5,170,238	885	5,691,287	4,635,766	239	534,472

<sup>1</sup> - Excludes non-stock corporations.

Source: Securities and Exchange Commission

**Table 6.8**  
**INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED DOMESTIC**  
**STOCK CORPORATIONS AND PARTNERSHIPS BY NATIONALITY AND INDUSTRY**  
**1990 to 1997**  
**(Amount in thousand pesos)**

Year/ Nationality	All Industries	Agriculture, Fishery and Forestry	Mining and Quarrying	Manufacturing
1990	2,836,247	25,241	24,992	1,203,437
Filipino	1,002,821	9,579	9,552	338,913
Chinese	93,388	3,751	4,611	23,761
American	151,697	1,186	595	109,500
Others	1,588,341	10,725	10,234	731,263
1991	11,934,965	263,804	136,430	5,770,399
Filipino	5,025,427	133,999	79,273	654,128
Chinese	758,470	28,789	1,191	339,922
American	1,084,054	16,510	2,385	820,097
Others	5,067,014	84,506	53,581	3,956,252
1992	8,535,663	194,099	82,528	1,963,122
Filipino	7,122,745	165,637	75,965	1,233,100
Chinese	281,672	5,690	1,160	110,426
American	111,748	1,163	0	40,475
Others	1,019,498	21,609	5,403	579,121
1993	14,437,870	179,474	228,196	1,862,713
Filipino	12,477,496	159,179	211,420	1,171,828
Chinese	509,687	16,184	1,970	157,598
American	239,575	811	200	77,366
Others	1,211,112	3,300	14,606	455,921
1994	22,521,491	157,330	231,158	5,160,262
Filipino	17,833,134	134,934	160,443	2,468,949
Chinese	843,180	14,306	1,282	372,640
American	363,804	755	13,070	113,962
Others	3,481,373	7,335	56,363	2,204,711
1995	32,264,158	1,604,820	397,588	7,701,989
Filipino	21,822,486	1,582,186	328,592	2,177,374
Chinese	1,665,873	16,314	12,174	330,394
American	2,044,673	4,177	-	1,355,887
Others	6,731,126	2,143	56,822	3,838,334
1996	39,748,564	2,022,658	474,237	6,642,343
Filipino	27,880,717	1,997,253	331,803	1,776,009
Chinese	2,208,523	11,840	9,878	788,337
American	905,147	2,715	5,970	98,360
Others	8,754,177	10,850	126,586	3,979,637
1997	32,252,060	154,588	228,977	4,153,373
Filipino	21,266,838	120,118	150,583	1,161,335
Chinese	4,072,402	13,713	4,773	386,620
American	736,652	9,998	2,840	134,059
Others	6,176,168	10,759	70,781	2,471,359

Data on Filipino do not include Filipino investors in mixed equity.

Source: Securities and Exchange Commission.



Table 6.8 (continued)

Construction	Electricity, Gas and Water	Wholesale and Retail Trade	Financing Insurance, Real Estate and Business Services	Transport, Storage, and Communication	Community, Social and Personal Services
22,201	-	189,640	826,036	61,782	482,918
11,709	-	93,536	424,357	37,512	77,663
705	-	25,141	33,192	690	1,537
295	-	8,557	27,027	558	3,979
9,492	-	62,406	341,460	23,022	399,739
71,320	-	780,694	3,528,496	313,466	858,087
22,476	212,169	580,867	2,535,088	221,747	585,680
4,570	-	42,364	233,856	2,062	105,716
275	-	13,807	226,276	2,927	1,777
43,999	100	143,656	533,276	86,730	164,914
338,076	155,213	1,027,362	3,809,274	432,055	533,934
320,933	142,894	863,739	3,426,855	413,766	479,856
7,470	0	70,571	82,751	2,184	1,420
3,912	12,300	5,551	40,597	1,169	6,581
5,761	19	87,501	259,071	14,936	46,077
617,368	211,064	1,670,080	7,993,118	755,287	920,570
591,305	110,974	1,330,623	7,439,751	690,345	772,071
6,125	22,763	99,748	192,827	9,116	3,356
1,605	43,172	9,687	82,983	19,821	3,930
18,333	34,155	230,022	277,557	36,005	141,213
446,395	103,930	2,008,024	12,175,770	1,044,005	1,194,617
404,305	37,591	1,617,999	11,032,587	896,336	1,079,990
25,347	14,855	180,317	220,491	13,012	930
593	1,932	47,094	62,531	104,837	19,030
16,150	49,552	162,614	860,161	29,820	94,667
1,044,788	291,202	2,760,921	13,523,732	2,173,757	2,765,361
792,980	254,036	1,789,700	10,278,507	1,984,858	2,634,253
42,455	13,104	434,589	755,063	14,500	47,280
15,669	7,005	49,551	571,531	5,822	35,031
193,684	17,057	487,081	1,918,631	168,577	48,797
1,459,597	356,228	3,738,368	17,748,570	2,136,586	5,169,977
1,185,267	308,062	2,434,641	12,905,748	1,873,812	5,068,122
76,059	250	600,216	619,140	97,747	5,056
4,505	21,166	127,477	549,471	89,222	6,261
193,766	26,750	576,034	3,674,211	75,805	90,538
1,746,791	132,081	4,416,706	19,371,011	848,967	1,199,563
1,344,480	22,290	1,511,726	15,182,329	694,583	1,079,393
18,988	74,372	2,035,035	1,486,208	33,645	19,048
7,738	2,502	83,531	454,255	28,701	13,028
375,585	32,917	786,414	2,248,219	92,038	88,094

**Table 6.9**  
**CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS**  
**AND PARTNERSHIPS, PHILIPPINES**  
**1971 to 1997**  
**(Amount in million pesos)**

Year	Increases		Withdrawals		Net Effect
	Number	Amount	Number	Amount	
1971	393	525.1	102	26.0	499.1
1972	395	544.2	78	86.2	458.0
1973	619	744.8	192	64.7	680.1
1974	831	1,622.6	199	65.5	1,557.1
1975	768	1,696.0	389	57.3	1,638.7
1976	717	1,448.0	654	137.2	1,310.8
1977	540	1,028.7	391	48.2	980.5
1978	650	1,942.7	330	179.4	1,763.3
1979	736	2,375.9	261	141.0	2,234.9
1980	763	3,776.4	230	44.5	3,731.9
1981	706	5,966.8	249	332.5	5,634.3
1982	663	4,087.3	213	98.4	3,988.9
1983	644	3,789.1	207	747.5	3,041.6
1984	573	2,428.8	187	389.8	2,039.0
1985	604	4,461.5	170	2,354.2	2,107.3
1986	582	3,024.8	174	598.8	2,426.0
1987	744	4,938.5	199	1,603.8	3,334.7
1988	873	8,252.1	137	1,559.9	6,692.3
1989	969	13,890.4	104	983.4	12,903.9
1990	1,020	19,267.4	106	2,365.3	16,902.1
1991	1,019	25,169.9	183	3,527.8	21,792.1
1992	1,058	31,717.0	110	2,583.2	29,119.1
1993	1,050	26,316.4	145	6,452.0	19,111.5
1994	1,219	61,592.3	180	2,896.6	58,695.7
1995	1,259	150,017.3	140	4,918.8	145,098.5
1996	1,170	99,008.5	115	7,565.1	91,443.4
1997	1,271	129,667.8	145	7,915.2	121,752.6

Source: Securities and Exchange Commission.

Table 6.10

EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226  
1995 to 1997

Industry	Total	Local	Foreign
1995 All Industries	98,626,749	59,134,652	39,492,097
Agriculture	353,520	348,886	4,634
Forestry	255,427	255,427	0
Fishery	365,320	348,993	16,327
Mining	1,155,711	618,335	537,376
Manufacturing	55,328,723	22,009,345	33,319,378
Energy-related projects	3,371,200	2,473,531	897,669
Public utilities	33,853,927	30,319,051	3,534,876
Export traders	300	300	0
Tourism oriented projects	1,186,163	905,970	280,193
Infrastructure/Individual Services	2,590,028	1,697,004	893,024
Environment Protection	166,430	157,810	8,620
Research and Development	100,204	0	100,204
Regional Headquarter	17,400	0	17,400
1996 All Industries	116,382,497	91,001,139	25,381,358
Agriculture	1,794,270	1,706,765	87,505
Fishery	196,952	196,952	0
Mining	3,470,464	2,894,366	576,098
Manufacturing	19,526,452	11,663,872	7,862,580
Energy-related projects	3,836,264	3,053,244	783,020
Public utilities	9,255,552	4,018,792	5,236,760
Export traders	4,200	4,200	0
Service Exporters	12,269	1,536	10,733
Tourism oriented projects	6,602,955	4,748,978	1,853,977
Infrastructure/Individual Services	71,083,884	62,240,585	8,843,299
Reginal Headquarter	42,900	0	42,900
Motor Vehicle, Program	556,335	471,849	84,486
1997 All Industries	195,545,992	136,809,280	58,736,712
Agriculture	1,969,815	1,660,465	309,350
Forestry	126,688	126,688	0
Fishery	74,088	47,225	26,863
Mining	11,191,289	6,811,997	4,379,292
Manufacturing	26,173,217	18,037,466	8,135,751
Energy-related projects	18,127,887	11,402,215	6,725,672
Public utilities	100,129,503	66,693,881	33,435,622
Export traders	166,458	97,960	68,498
Service Exporters	271,524	206,867	64,657
Tourism oriented projects	12,064,770	11,689,211	375,559
Infrastructure/Individual Services	24,340,135	19,436,683	4,903,452
Research & Developmental Projects	9,377	0	9,377
Environment Protection	378,291	255,891	122,400
Reginal Headquarter	35,850	0	35,850
Motor Vehicle, Program	487,100	342,731	144,369

Source: Board of Investments.

**Table 6.11**  
**AMOUNT OF INVESTMENTS APPROVED UNDER E.O. 226 BY COUNTRY**  
**1976 to 1997**  
**(In thousand pesos)**

Year	Total	Local	Foreign									
			Sub- total	Australia/ Oceania	Asia	North America	Central America	South America	Europe	Africa	Middle East	Others
1976	1,509,943	888,692	621,251	53,167	134,780	233,069	1,870	-	184,505	-	-	13,860
1977	890,487	552,473	338,014	9,289	153,365	97,322	1,075	-	71,883	900	90	4,090
1978	1,475,057	890,633	584,424	11,974	180,807	285,819	1,442	-	100,058	100	1,019	3,205
1979	2,752,464	1,990,585	761,879	56,396	173,994	224,632	7,540	659	224,587	60	3,475	70,536
1980	4,276,439	2,500,764	1,775,675	15,487	421,328	288,130	3,806	-	1,011,327	772	800	34,025
1981	5,541,351	3,549,197	1,992,154	367,667	338,357	497,727	9,587	5	749,986	17,948	1,364	9,513
1982	6,661,716	4,478,972	2,182,744	536,286	189,880	1,032,451	3,541	2	368,190	1,249	2,383	48,762
1983	5,217,296	2,239,487	2,977,809	61,129	200,716	2,053,957	400,833	30	245,437	5,025	7,600	3,082
1984	6,114,279	2,213,759	3,900,520	147,746	1,309,047	1,724,186	995	-	713,042	1,500	2,430	1,574
1985	4,700,654	2,251,046	2,449,608	8,976	719,657	1,090,331	200	-	601,690	26,056	2,672	26
1986	3,146,278	1,552,528	1,593,750	97,114	662,582	460,795	16,781	75	338,356	4,801	4,186	9,060
1987	8,360,162	4,932,820	3,427,342	80,890	1,621,207	800,435	360,134	-	544,740	4,511	2,760	12,665
1988	16,944,582	7,421,166	9,523,416	175,849	5,347,449	3,236,898	144,808	-	573,097	34,047	277	10,991
1989	39,684,333	22,203,967	17,480,366	521,361	11,568,472	3,095,833	59,728	-	1,594,683	12,140	23,971	604,178
1990	48,033,894	24,664,059	23,369,835	318,281	17,717,497	2,523,898	895,243	30	1,088,491	162,307	3,683	660,405
1991	43,560,752	22,171,403	21,389,349	157,413	8,436,310	2,446,344	512,008	539	9,068,140	16,526	3,642	748,427
1992	27,752,729	20,502,343	7,250,386	14,901	3,750,600	1,623,033	101,361	87,731	1,222,887	16,990	1,950	430,933
1993	33,941,368	19,526,790	14,414,578	11,635	6,032,693	2,405,106	1,574,020	0	3,417,571	0	0	973,553
1994	162,290,138	99,565,560	62,724,578	263,184	26,935,174	18,015,349	4,088	67	2,997,081	21,726	1,451	14,486,458
1995	121,714,740	73,602,255	48,112,485	436,378	14,046,375	16,421,730	0	0	3,427,871	594,179	7,579,381	5,606,578
1996	116,357,873	91,001,139	25,356,734	142,895	11,971,318	868,828	0	703	4,408,475	645,623	23,001	7,295,891
1997	195,545,992	136,809,280	58,736,712	296,524	7,517,631	10,522,708	0	0	32,335,179	4,366,371	0	3,698,299

Source: Board of Investments.

# 7 FOREIGN TRADE

Foreign trade statistics are important to the policy-maker, the economic planner, the analyst and the public in general in that they characterize the overall position of the country vis-a-vis other countries or with the rest of the world, and give an indication of how its relations with other countries affect its overall economic performance during a given period. Data on external trade are useful for assessing the effectiveness of various strategies such as export development, promotion and diversification, as well as import rationalization. On the other hand, data on direction of external trade reveal the extent of the country's market diversification activity which affects economic progress and stability.

The Bangko Sentral ng Pilipinas compiled and released data on foreign trade until 1973, after which the National Statistics Office became the sole agency responsible for the tabulation and release of said data. Foreign trade data are compiled from copies of import and export entries submitted by importers and exporters or their authorized representatives to the Bureau of Customs.

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**Table 7.1**  
**FOREIGN TRADE OF THE PHILIPPINES**  
**1971 to 1997**  
**(F.O.B. value in million U.S. dollars)**

Year	Total Trade	Exports			Imports			Balance of Trade Favorable (Unfavorable)
		Value	Percent to Total Trade	Average Exchange Rate <sup>1</sup> (P/U.S.\$)	Value	Percent to Total Trade	Average Exchange Rate <sup>2</sup> (P/U.S.\$)	
1971	2,450.08	1,189.25	48.54	6.399	1,260.83	51.46	6.481	(71.58)
1972	2,502.03	1,168.43	46.70	6.580	1,333.60	53.30	6.721	(165.17)
1973	3,433.81	1,837.19	53.50	6.721	1,596.62	46.50	6.806	240.57
1974	5,868.25	2,724.99	46.44	6.754	3,143.26	53.56	6.838	(418.27)
1975	5,753.65	2,294.47	39.88	7.212	3,459.18	60.12	7.303	(1,164.71)
1976	6,207.16	2,573.68	41.46	7.403	3,633.48	58.54	7.496	(1,059.80)
1977	7,065.65	3,150.89	44.59	7.366	3,914.76	55.41	7.458	(763.87)
1978	8,157.07	3,424.87	41.99	7.329	4,732.20	58.01	7.421	(1,307.33)
1979	10,742.92	4,601.19	42.83	7.341	6,141.73	57.17	7.433	(1,540.54)
1980	13,514.70	5,787.79	42.83	7.474	7,726.91	57.17	7.568	(1,939.12)
1981	13,666.08	5,720.40	41.86	7.860	7,945.68	58.14	7.959	(2,225.28)
1982	12,687.51	5,020.59	39.57	8.497	7,666.92	60.43	8.604	(2,646.33)
1983	12,491.92	5,005.29	40.07	11.072	7,486.63	59.93	11.193	(2,481.34)
1984	11,460.26	5,390.65	47.04	16.582	6,069.61	52.96	16.848	(678.96)
1985	9,739.62	4,628.95	47.53	18.586	5,110.67	52.47	18.859	(481.72)
1986	9,885.38	4,841.78	48.98	20.356	5,043.60	51.02	20.403	(201.82)
1987	12,457.21	5,720.24	45.92	20.556	6,736.97	54.08	20.564	(1,016.73)
1988	15,233.57	7,074.19	46.44	21.065	8,159.38	53.56	21.065	(1,085.19)
1989	18,239.53	7,820.71	42.88	21.703	10,418.82	57.12	21.738	(2,598.11)
1990	20,392.19	8,186.03	40.14	24.200	12,206.16	59.86	24.375	(4,020.13)
1991	20,890.88	8,839.51	42.31	27.516	12,051.36	57.69	28.003	(3,211.85)
1992	24,343.24	9,824.31	40.36	25.310	14,518.93	59.64	25.901	(4,694.62)
1993	28,972.21	11,374.81	39.26	26.732	17,597.40	60.74	27.250	(6,222.59)
1994	34,815.46	13,482.90	38.73	26.271	21,332.57	61.27	26.625	(7,849.67)
1995	43,984.81	17,447.19	39.67	25.605	26,537.63	60.33	25.791	(9,090.44)
1996	52,969.48	20,542.55	38.78	26.220	32,426.93	61.22	26.271	(11,884.38)
1997 <sup>P</sup>	61,161.52	25,227.70	41.25	29.205	35,933.82	58.75	29.647	(10,706.12)

1 - BSP buying rate.

2 - BSP selling rate.

Notes: 1. Details may not add up to totals due to rounding.

2. Exports include domestic exports and re-exports.

3. Starting August 4, 1992, the average exchange rate refers to the weighted average rate under the Philippine Dealing System (PDS).

Sources: National Statistics Office and the Bangko Sentral ng Pilipinas.

**Table 7.2**  
**DIRECTION OF TRADE**  
**1988 to 1997**  
**(F.O.B. value in thousand U.S. dollars)**

Countries	1988		1989		1990		1991		1992
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
<b>Total</b>	<b>8,159,378</b>	<b>7,074,190</b>	<b>10,418,821</b>	<b>7,820,713</b>	<b>12,206,161</b>	<b>8,186,027</b>	<b>12,051,363</b>	<b>8,839,514</b>	<b>14,518,928</b>
<b>ASEAN Countries</b>	<b>754,042</b>	<b>491,718</b>	<b>1,046,317</b>	<b>531,541</b>	<b>1,187,652</b>	<b>584,774</b>	<b>1,105,038</b>	<b>616,522</b>	<b>1,349,086</b>
Brunei	34,069	367	47,424	551	109,792	951	95,434	1,044	91,837
Indonesia	84,069	27,165	157,826	56,182	181,563	60,937	162,227	41,943	181,129
Malaysia <sup>1</sup>	249,125	116,893	266,403	99,041	272,461	126,805	297,905	123,266	387,100
Singapore	335,120	223,949	492,550	220,795	486,660	239,632	455,275	229,454	550,851
Thailand	51,659	123,344	82,114	154,972	137,176	156,449	94,197	220,815	138,169
<b>Other Countries</b>	<b>7,405,336</b>	<b>6,582,472</b>	<b>9,372,504</b>	<b>7,289,172</b>	<b>11,018,509</b>	<b>7,601,253</b>	<b>10,946,325</b>	<b>8,222,992</b>	<b>13,169,842</b>
Australia	282,782	110,601	347,331	124,338	369,435	96,382	380,167	103,898	406,656
Bahrain	1,080	1,537	1,057	1,663	4,045	2,276	176	4,035	2,737
Canada	80,927	107,712	158,184	127,424	167,490	122,895	158,761	145,668	200,794
France	121,454	165,309	165,995	152,154	151,222	143,946	140,269	164,845	211,796
Hongkong	373,863	346,368	481,130	304,784	554,578	330,470	595,989	391,620	720,853
Italy	112,493	40,066	67,041	47,980	87,998	61,009	101,659	78,497	120,229
Japan <sup>2</sup>	1,421,309	1,424,245	2,043,224	1,591,173	2,258,534	1,621,992	2,372,879	1,771,301	3,086,788
Kuwait	182,166	6,702	172,273	8,937	194,295	5,507	-	2,737	82,716
Netherlands	127,634	316,051	203,112	329,224	170,221	357,081	144,176	338,416	180,354
People's Republic of China	242,282	66,802	221,105	50,235	162,102	61,764	223,499	127,769	183,745
Romania	11,745	-	17,111	10	12,486	1,237	17,132	5,156	14,904
Saudi Arabia	111,231	49,137	250,839	57,099	546,238	63,951	642,862	59,458	873,575
Korea, Republic of	330,899	160,548	422,859	175,246	477,993	229,504	608,637	227,921	696,828
Taiwan	510,738	200,834	701,799	210,298	805,570	209,263	824,597	209,722	959,545
United Kingdom of Great Britain <sup>3</sup>	161,347	327,649	170,817	328,591	247,886	350,531	214,930	371,642	299,808
United States of America <sup>4</sup>	1,715,068	2,515,856	1,979,273	2,945,612	2,365,532	3,094,588	2,426,278	3,143,653	2,620,204
Russia Federation <sup>5</sup>	22,486	21,941	18,601	25,897	26,238	15,199	31,977	15,495	84,176
Germany, Federal Republic of <sup>6</sup>	320,335	297,886	408,287	334,855	532,132	390,373	465,449	502,393	669,921
Others	1,275,497	423,228	1,542,466	473,652	1,884,514	443,285	1,596,888	558,766	1,754,213

1 Includes Sabah and Sarawak.

2 Includes Okinawa.

3 Includes Northern Ireland.

4 Includes Alaska and Hawaii.

5 Prior to 1992, data were for USSR.

6 Starting 1991, data include German Democratic Republic.

Notes: 1. Details may not add up to totals due to rounding.

2. Exports includes domestic exports and re-exports.

Source: National Statistics Office.



Table 7.2 (continued)

1992	1993		1994		1995		1996		1997 <sup>e</sup>	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
9,824,314	17,597,401	11,374,805	21,332,568	13,482,896	26,537,626	17,447,186	32,426,934	20,542,546	35,933,821	25,227,703
520,977	1,896,940	759,860	2,470,195	1,302,312	3,105,500	2,241,684	3,788,458	2,836,614	4,605,645	3,334,971
2,128	50,716	2,366	35,169	3,302	7,681	2,557	374	3,479	955	4,375
40,273	341,159	48,259	366,940	1,123	575,440	129,126	645,311	142,453	694,694	214,023
127,819	356,205	161,066	430,513	223,663	573,384	315,406	800,553	687,058	947,295	640,092
252,323	978,327	379,450	1,440,553	710,400	1,553,382	995,708	1,740,392	1,223,545	2,171,329	1,620,508
98,434	170,533	168,719	197,020	363,824	395,613	798,887	601,828	780,079	791,372	855,973
9,303,337	15,700,461	10,614,945	18,862,373	12,180,584	23,432,126	15,205,502	28,638,476	17,705,932	31,328,176	21,892,732
112,596	472,542	114,448	586,937	139,843	730,794	143,291	808,462	160,760	954,820	203,585
5,622	8,633	7,323	6,656	7,287	16,969	5,599	15,599	3,509	9,310	7,018
159,830	152,173	194,128	139,236	195,759	239,983	202,107	258,824	205,807	307,526	234,481
178,886	201,465	208,874	234,614	184,918	306,032	203,021	399,782	226,458	781,487	230,547
463,657	877,178	548,175	1,112,527	651,406	1,274,691	823,983	1,360,113	868,252	1,548,626	1,171,544
99,611	136,110	85,475	164,641	90,490	225,420	111,173	297,155	93,854	303,930	91,342
1,745,424	4,036,641	1,827,035	5,190,453	2,034,727	5,956,885	2,747,452	7,128,959	3,671,211	7,414,367	4,194,401
6,883	192,212	10,189	80,299	8,609	32,826	9,779	16,385	17,702	4,139	16,534
406,262	237,140	361,847	278,913	516,119	318,212	805,091	330,797	1,114,585	544,601	1,663,470
113,895	180,663	173,874	294,269	164,485	578,619	213,966	676,507	327,922	871,594	244,412
566	15,958	2,383	11,802	1,223	5,887	1,374	15,782	2,806	15,160	2,192
57,037	739,791	68,129	944,980	58,707	1,633,768	64,906	1,671,263	54,582	1,058,363	29,957
175,824	897,632	221,008	1,107,342	292,067	1,366,462	443,715	1,673,249	370,661	2,182,032	473,731
286,789	1,025,280	346,121	1,226,353	452,821	1,436,538	568,471	1,598,093	661,235	1,807,615	1,168,973
466,758	379,056	540,505	389,025	638,623	549,051	923,185	479,122	936,477	544,641	1,085,973
3,831,548	3,522,267	4,371,159	3,941,268	5,143,260	5,014,293	6,159,655	6,361,154	6,655,635	7,154,028	8,814,602
7,751	90,751	10,412	186,904	20,203	340,322	11,374	464,152	15,382	416,911	10,565
521,740	613,450	586,004	761,062	665,262	929,288	699,122	1,209,257	847,005	1,180,294	1,060,275
662,658	1,921,519	937,856	2,205,092	914,775	2,476,086	1,068,238	3,873,821	1,472,089	4,228,732	1,189,130

**Table 7.3**  
**PHILIPPINE EXPORTS BY MAJOR COMMODITY GROUP**  
**1987 to 1997**  
**(F.O.B. value in million U.S. dollars; Quantity in thousand kilograms)**

Commodity group	1987		1988		1989		1990	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Traditional Exports</b>		1,367		1,606		1,550		1,437
Coconut products		561		578		531		496
Copra	129	32	80	28	79	25	97	20
Coconut oil	1,031	381	793	408	763	377	1,135	361
Desiccated coconut	95	75	88	78	95	76	75	61
Copra meal or cake	743	73	531	64	477	53	644	54
Sugar and sugar products		71		74		113		133
Centrifugal & refined sugar	163	60	143	60	210	89	247	111
Molasses	153	11	191	14	413	24	424	22
Others		0		0		0		0
Forest products <sup>1</sup>		243		261		197		94
Logs	7	0	0	0	6	0	4	0
Lumber	645	154	629	157	438	136	77	19
Plywood	241	67	242	79	113	37	174	59
Veneer sheets/corestocks	64	15	79	21	64	17	47	13
Others		6		4		7		3
Mineral products		224		383		423		361
Copper concentrates	362	109	450	216	426	237	421	207
Gold <sup>2</sup>	212	90	274	118	295	109	242	90
Chromium ore	87	7	147	13	182	19	178	17
Others		17		36		58		47
Fruits and vegetables		150		143		156		162
Canned pineapple	184	86	183	83	193	91	179	89
Pineapple juice	30	6	28	6	34	7	32	7
Pineapple concentrates	32	20	29	17	33	18	41	24
Others		38		37		40		42
Abaca fibers	23	12	24	16	23	18	22	16
Tobacco, unmanufactured	13	18	13	19	10	17	13	20
Petroleum products		88		132		95		155
<b>Non-Traditional Exports</b>		4,197		5,361		6,190		6,635
Non-traditional, manufactures		3,642		4,667		5,531		5,995
Elect. & elect'l equipment/parts & telecom		1,119		1,476		1,751		1,964
Garments		1,098		1,317		1,575		1,776
Textile yarn/fabrics		68		71		87		93
Footwear		31		45		54		78
Travel goods and handbags		16		22		41		43
Wood manufactures		62		79		88		117
Furniture and fixtures		130		184		204		189
Chemicals		245		256		279		261
Copper metal	106	162	127	295	114	330	110	281
Non-metallic mineral manufactures		22		33		45		57
Machinery & transport equipment		78		54		115		150
Processed food and beverages		126		184		206		207
Misc. manufactured articles, nes		199		248		309		328
Others		286		403		447		451
Non-traditional, unmanufactured		555		694		659		640
Nickel	0	0	0	0	0	0	0	0
Iron ore agglomerates	4,017	76	4,874	86	4,352	76	4,741	81
Bananas	775	121	867	146	851	146	840	149
Mangoes	13	12	14	17	14	17	13	15
Coffee raw, not roasted	16	32	26	48	25	42	9	8
Fish, fresh or preserved	41	207	50	307	54	296	55	294
Of which: Shrimps & Prawns								
Rice	112	25	0	0	16	3	0	0
Others		82		90		79		93
SPECIAL TRANSACTIONS		7		27		10		19
RE-EXPORTS		149		80		71		95
<b>TOTAL EXPORTS</b>		5,720		7,074		7,821		8,186

<sup>1</sup> Quantity in '000 cubic meters; price in US\$/cu.m.

<sup>2</sup> Quantity in '000 ounces; prices in US\$/oz.

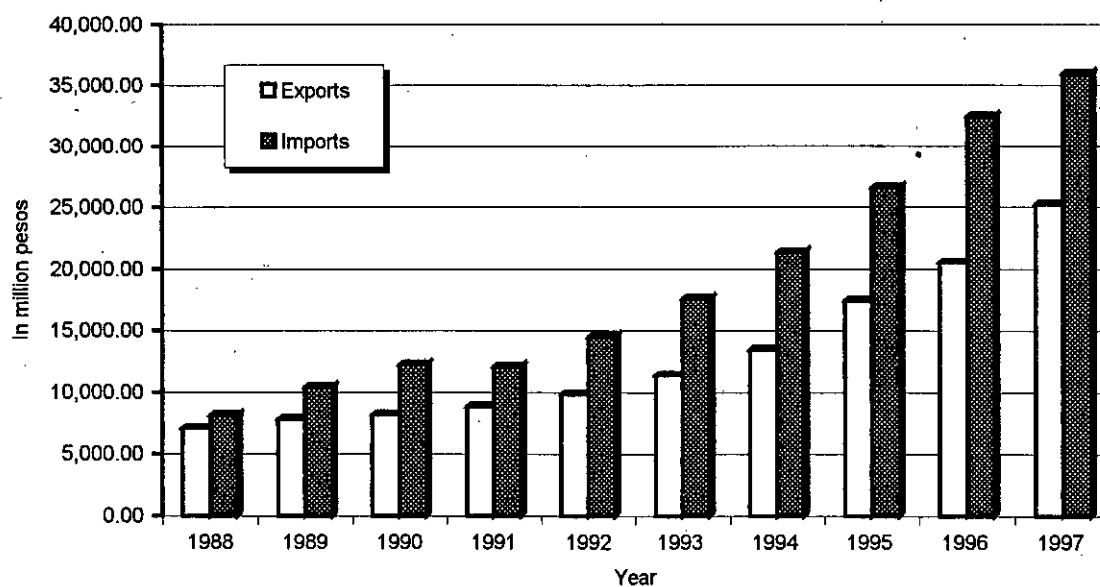
Note: Details may not add up to totals due to rounding.

Source of basic data: National Statistics Office.

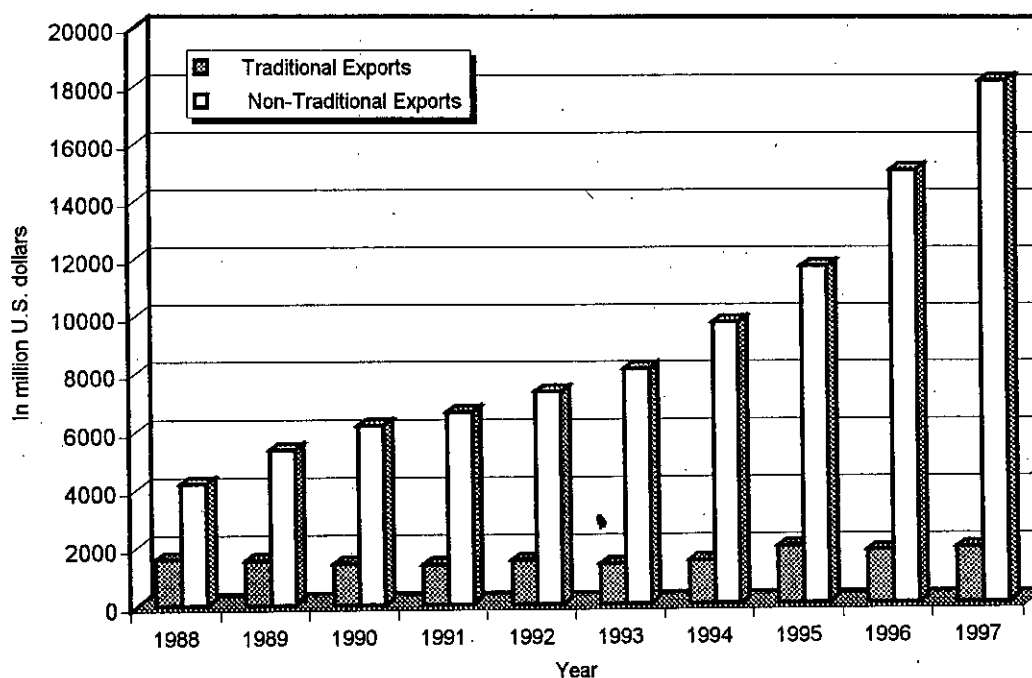
Table 7.3 (continued)

1991		1992		1993		1994		1995		1996		1997	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	1,388		1,542		1,395		1,505		1,970		1,831		1,913
	439		633		494		607		974		713		816
81	19	34	11	27	7	24	9	34	13	4	1	7	3
840	299	882	481	859	358	849	475	1,339	826	793	571	1,108	673
81	66	85	88	93	84	75	70	73	68	70	85	77	88
612	55	540	53	488	45	574	53	756	67	475	56		52
	136		110		129		77		74		140		99
274	115	208	88	324	102	182	61	153	66	318	136	198	83
317	21	327	21	500	26	255	14	93	7	33	3	198	15
	0		1		1		2		1		1		1
	73		57		45		26		38		43		45
2	0	0	0	1	*	4	*	0	0	0	0	5	0
61	20	60	19	89	26	41	10	87	18	146	25	145	26
118	44	85	31	40	17	10	4	17	6	12	5	14	5
29	8	21	7	7	2	30	12	33	14	26	13	31	14
	1		0		0		0		0		0		0
	309		353		360		436		478		404		441
397	174	350	140	334	109	293	113	282	134	159	52	121	44
183	65	382	128	151	51	176	65	169	62	202	55	149	49
182	16	124	14	77	9	72	8	88	12	64	8	89	6
	54		71		191		250		270		289		342
	196		184		186		184		191		209		202
194	95	198	96	194	94	215	90	192	81	203	93	185	86
37	9	32	7	34	8	45	9	53	10	51	11	44	9
43	27	38	24	37	22	38	22	41	24	39	27	36	28
	65		57		62		63		76		78		79
21	17	21	21	18	19	22	20	19	23	17	21	2	23
24	43	19	34	17	26	16	23	12	21	18	29	17	29
	175		150		136		132		171		272		258
	7,353		8,152		9,777		11,723		15,096		18,213		22,514
	6,633		7,525		9,031		10,917		14,224		17,409		21,712
	2,293		2,753		3,551		4,984		7,413		9,988		13,028
	1,861		2,140		2,272		2,375		2,570		2,423		2,349
	100		121		118		173		208		252		299
	122		121		144		176		156		138		170
	45		53		54		76		110		121		147
	117		113		105		129		134		151		134
	177		181		203		240		276		293		322
	304		268		262		306		343		353		383
98	222	98	217	137	264	137	270	120	341	126	297	98	231
	74		80		87		96		108		95		105
	181		288		363		469		741		1,294		2,685
	233		230		309		335		307		351		365
	385		445		487		518		556		546		505
	519		515		812		770		961		1,107		962
	720		627		746		806		872		804		802
0	1	0	0	0	0	0	0	0	0	0	0		0
4,776	78	3,883	63	3,919	62	4,666	74	4,692	74	4,435	70	4,723	90
955	173	821	158	1,153	226	1,155	215	1,213	224	1,253	237	1,154	216
22	24	27	29	30	27	29	30	44	43	40	40	45	40
5	5	1	1	1	1	4	8	3	7	*	1	*	1
61	353	53	290	73	343	79	379	70	378	61	295	70	292
				23	225	22	246	19	215	13	150	14	126
10	2	35	9	*	a	*	0	0	0	0	0	0	0
	84		77		87		100		146		161		163
	17		37		38		74		108		117		287
	82		98		165		181		273		382		514
	8,840		9,829		11,375		13,483		17,447		20,543		25,228

**Figure 7.1 FOREIGN TRADE OF THE PHILIPPINES: 1988 to 1997**



**Figure 7.2 VALUE OF TRADITIONAL AND NON-TRADITIONAL EXPORTS, PHILIPPINE: 1988 to 1997**



**Table 7.4**  
**PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES <sup>1</sup>**  
**1976 to 1997**  
**(F.O.B. value in thousand U.S. dollars)**

Year	Exports			Imports		
	Total	United States	Percent to Total	Total	United States	Percent to Total
1976	2,573,676	924,397	35.9	3,633,482	801,771	22.1
1977	3,150,887	1,112,074	35.3	3,914,763	799,155	20.4
1978	3,424,876	1,156,247	33.8	4,732,196	995,579	21.0
1979	4,601,190	1,384,176	30.1	6,141,753	1,402,459	22.8
1980	5,787,788	1,588,410	27.4	7,726,912	1,785,696	23.1
1981	5,720,397	1,765,826	30.9	7,945,679	1,787,216	22.5
1982	5,020,593	1,586,306	31.6	7,666,918	1,702,676	22.2
1983	5,005,291	1,799,571	36.0	7,486,627	1,739,106	23.2
1984	5,390,646	2,050,534	38.0	6,069,612	1,630,453	26.9
1985	4,628,954	1,653,501	35.7	5,110,673	1,282,089	25.1
1986	4,841,781	1,716,757	35.5	5,043,597	1,255,955	24.9
1987	5,720,238	2,064,389	36.1	6,736,969	1,487,888	22.1
1988	7,074,190	2,515,856	35.6	8,159,378	1,715,068	21.0
1989	7,820,713	2,945,612	37.7	10,418,821	1,979,273	19.0
1990	8,186,027	3,094,588	37.8	12,206,161	2,365,532	19.4
1991	8,839,514	3,143,653	35.6	12,051,363	2,426,278	20.1
1992	9,824,314	3,831,548	39.0	14,518,928	2,620,204	18.0
1993	11,374,805	4,371,159	38.4	17,597,401	3,522,267	20.0
1994	13,482,896	5,143,260	38.1	21,332,568	3,941,268	18.5
1995	17,447,186	6,159,655	35.3	26,537,626	5,014,293	18.9
1996	20,542,546	6,655,635	32.4	32,426,934	6,361,154	19.6
1997 <sup>P</sup>	25,227,703	8,814,602	34.9	35,933,821	7,154,028	19.9

<sup>1</sup> - Includes Alaska and Hawaii.

Notes: 1. Details may not add up to totals due to rounding.

2. Exports includes domestic exports and re-exports.

Source: National Statistics Office.

**Table 7.5**  
**EXPORTS AND IMPORTS OF THE PHILIPPINES BY PORT**  
**1993 to 1996**  
**(F.O.B. value in thousand U.S. dollars)**

Port	1993				1994	
	Exports		Imports		Exports	
	Value	Percent Share	Value	Percent Share	Value	Percent Share
<b>Total</b>	<b>11,374,805</b>	<b>100.00</b>	<b>17,597,401</b>	<b>100.00</b>	<b>13,482,896</b>	<b>100.00</b>
<b>Luzon</b>	<b>8,813,841</b>	<b>77.49</b>	<b>15,971,531</b>	<b>90.76</b>	<b>10,597,424</b>	<b>78.60</b>
Aparri, Cagayan	159	0.00	36	0.00	60	0.00
Claveria, Cagayan	0	0.00	0	0.00	0	0.00
Gaang, Currimao, Ilocos Norte	647	0.01	0	0.00	664	0.00
Cabugao, Ilocos Sur	0	0.00	0	0.00	0	0.00
San Fernando, La Union	23,760	0.21	513,915	2.92	39,595	0.29
Dagupan City, Pangasinan	0	0.00	0	0.00	0	0.00
Sual, Pangasinan	0	0.00	0	0.00	0	0.00
Masinloc, Zambales	13,424	0.12	123	0.00	26,432	0.20
Subic Area Free Port	45,326	0.40	197,571	1.12	65,553	0.49
Baguio Export Processing Zone	493,998	4.34	0	0.00	654,744	4.86
Clark Special Economic Zone	0	0.00	0	0.00	0	0.00
Limay, Bataan	51,764	0.46	721,965	4.10	54,720	0.41
Mariveles, Bataan	158,940	1.40	245,715	1.40	200,161	1.48
Manila (South Harbor)	1,208,363	10.62	4,489,562	25.51	1,500,286	11.13
Manila International Container Port	3,836,662	33.73	5,022,751	28.54	4,126,852	30.61
Batangas, Batangas	424,993	3.74	1,517,641	8.62	312,854	2.32
Puerto Princesa City, Palawan	40,034	0.35	200	0.00	20,364	0.15
Siaian, Quezon	4,243	0.04	13,385	0.08	4,187	0.03
Jose Panganiban, Camarines Norte	14,022	0.12	1	0.00	16,660	0.12
Legaspi City, Albay	28,222	0.25	1,372	0.01	22,354	0.17
Tabaco, Albay	1,813	0.02	2,596	0.01	721	0.01
Masbate, Masbate	223	0.00	25	0.00	2	0.00
Ninoy Aquino International Airport	2,467,237	0.00	3,244,630	18.44	3,551,214	26.34
Laoag City International Airport	0	0.00	43	0.00	0	0.00
Cubi Point International Airport	0	0.00	0	0.00	0	0.00
Subic Bay International Airport	0	0.00	0	0.00	0	0.00
Clark International Airport	7	0.00	0	0.00	0	0.00
<b>Visayas</b>	<b>1,500,730</b>	<b>13.19</b>	<b>984,411</b>	<b>5.59</b>	<b>1,655,313</b>	<b>12.28</b>
San Jose, Northern Samar	150	0.00	37	0.00	0	0.00
Catbalogan, Western Samar	59	0.00	0	0.00	15	0.00
Iloilo City, Iloilo	38,270	0.34	56,518	0.32	23,270	0.17
Pulupandan, Negros Occidental	69,622	0.61	4,781	0.03	68,502	0.51
Dumaguete City, Negros Oriental	51,936	0.46	56,821	0.32	36,907	0.27
Cebu City, Cebu	512,059	4.50	384,847	2.19	598,277	4.44
Danao City, Cebu	0	0.00	909	0.01	0	0.00
Lapu-lapu City, Cebu	128,924	1.13	87,988	0.50	158,396	1.17
Tacloban City, Leyte	379,791	3.34	273,384	1.55	401,812	2.98
Mactan International Airport	319,918	2.81	119,128	0.68	368,134	2.73
Maasin, Southern Leyte	0	0.00	0	0.00	0	0.00
Cebu International Airport	0	0.00	0	0.00	0	0.00
<b>Mindanao</b>	<b>1,060,235</b>	<b>9.32</b>	<b>641,459</b>	<b>3.65</b>	<b>1,230,159</b>	<b>9.12</b>
Surigao City, Surigao del Norte	10,249	0.09	446	0.00	15,371	0.11
Bislig, Surigao del Sur	7,733	0.07	12,244	0.07	2,806	0.02
Jolo, Sulu	0	0.00	0	0.00	3	0.00
Masao, Agusan del Norte	4,454	0.04	6,187	0.04	3,360	0.02
Cagayan de Oro City, Misamis Oriental	235,040	2.07	189,367	1.08	265,664	1.97
Dadiangas, South Cotabato	0	0.00	0	0.00	0	0.00
Davao City, Davao del Sur	286,588	2.52	75,671	0.43	328,829	2.44
Davao International Airport	0	0.00	0	0.00	0	0.00
General Santos City, South Cotabato	192,800	1.69	74,550	0.42	226,755	1.68
Gen. Santos International Airport	0	0.00	0	0.00	0	0.00
Iligan City, Lanao del Norte	115,129	1.01	257,728	1.46	125,833	0.93
Mati, Davao Oriental	13,298	0.12	498	0.00	22,077	0.16
Ozamis City, Misamis Occidental	68,052	0.60	186	0.00	79,907	0.59
Parang, Maguindanao	3,374	0.03	2,718	0.02	3,993	0.03
Zamboanga City, Zamboanga del Sur	123,515	1.09	21,685	0.12	155,559	1.15

Notes: 1. Details may not add up to totals due to rounding.  
2. Exports includes domestic exports and re-exports.

Source: National Statistics Office.

Table 7.5 (continued)

1994		1995				1996			
Imports		Exports		Imports		Exports		Imports	
Value	Percent Share	Value	Percent Share	Value	Percent Share	Value	Percent Share	Value	Percent Share
21,332,568	100.00	17,447,186	100.00	26,537,626	100.00	20,542,546	97.18	32,426,934	100.00
19,256,262	90.27	13,909,950	79.73	23,993,390	90.41	16,857,763	79.73	29,598,901	82.06
0	0.00	548	0.00	1,727	0.01	5,771	0.00	1,241	0.03
33	0.00	0	0.00	0	0.00	0	0.00	0	0.00
0	0.00	644	0.00	7	0.00	376	0.00	0	0.00
300	0.00	10	0.00	234	0.00	832	0.00	431	0.00
111,600	0.52	44,866	0.26	73,518	0.28	22,460	0.26	75,025	0.11
0	0.00	0	0.00	0	0.00	0	0.00	28	0.00
0	0.00	15	0.00	0	0.00	112	0.00	12	0.00
7,424	0.03	20,371	0.12	32	0.00	36,163	0.12	1,171	0.18
215,863	1.01	226,023	1.30	136,313	0.51	382,099	1.30	185,030	1.86
649,072	3.04	853,134	4.89	634,515	2.39	1,139,152	4.89	630,104	5.55
0	0.00	21,320	0.12	13,612	0.05	99,313	0.12	25,807	0.48
616,409	2.89	58,154	0.33	838,580	3.16	100,771	0.33	1,117,311	0.49
391,198	1.83	245,226	1.41	195,863	0.74	322,166	1.41	274,952	1.57
5,552,265	26.03	1,599,024	9.16	6,452,421	24.31	1,364,576	9.16	7,663,908	6.64
5,742,186	26.92	4,522,824	25.92	6,797,079	25.61	4,423,577	25.92	7,412,054	21.53
1,390,243	6.52	552,167	3.16	2,378,729	8.96	2,159,665	3.16	4,099,299	10.51
341	0.00	25,818	0.15	824	0.00	16,803	0.15	12	0.08
54,908	0.26	8,453	0.05	18,748	0.07	5,357	0.05	56,372	0.03
502	0.00	52,523	0.30	85	0.00	36,118	0.30	2,101	0.18
747	0.00	33,780	0.19	1,909	0.01	21,410	0.19	727	0.10
4,666	0.02	721	0.00	8,652	0.03	992	0.00	26,449	0.00
0	0.00	18	0.00	0	0.00	62	0.00	0	0.00
4,518,505	21.18	5,644,077	32.35	6,436,293	24.25	6,666,662	32.35	8,022,970	32.45
0	0.00	-	0.00	4,249	0.02	0	0.00	47	0.00
0	0.00	235	0.00	0	0.00	0	0.00	0	0.00
0	0.00	0	0.00	0	0.00	53,145	0.00	3,640	0.26
0	0.00	0	0.00	0	0.00	181	0.00	212	0.00
1,156,904	5.42	2,050,197	11.75	1,637,468	6.17	2,308,716	8.93	1,995,269	11.24
0	0.00	383	0.00	515	0.00	10	0.00	0	0.00
0	0.00	8,047	0.05	8	0.00	5,673	0.05	0	0.03
61,226	0.29	21,565	0.12	98,895	0.37	20,676	0.12	128,753	0.10
792	0.00	56,952	0.33	13,366	0.05	75,988	0.33	20,336	0.37
2,661	0.01	77,215	0.44	8,588	0.03	61,785	0.44	34,849	0.30
411,820	1.93	600,745	3.44	470,587	1.77	643,749	3.44	666,030	3.13
0	0.00	191	0.00	0	0.00	215	0.00	68	0.00
102,037	0.48	226,546	1.30	98,340	0.37	314,324	1.30	140,468	1.53
366,300	1.72	566,818	3.25	495,996	1.87	502,438	3.25	495,207	2.45
212,068	0.99	491,735	2.82	451,175	1.70	0	0.00	0	0.00
0	0.00	0	0.00	0	0.00	132	0.00	0	0.00
0	0.00	0	0.00	0	0.00	683,726	0.00	509,557	3.33
919,401	4.31	1,487,039	8.52	906,768	3.42	1,376,067	8.52	832,764	6.70
4,668	0.02	13,894	0.08	626	0.00	20,637	0.08	5,738	0.10
6,483	0.03	1,300	0.01	5,772	0.02	525	0.01	6,027	0.00
0	0.00								
167,194	0.78	6,103	0.03	8,513	0.03	4,618	0.03	21,153	0.02
170,544	0.80	322,230	1.85	226,513	0.85	271,789	1.85	257,685	1.32
0	0.00	199,601	1.14	121,153	0.46	268,818	1.14	89,787	1.31
223,472	1.05	388,810	2.23	133,618	0.50	431,738	2.23	179,656	2.10
0	0.00	0	0.00	0	0.00	3,087	0.00	478	0.02
94,521	0.44	0	0.00	0	0.00	0	0.00	0	0.00
0	0.00	0	0.00	0	0.00	1,094	0.00	0	0.01
227,492	1.07	191,034	1.09	378,713	1.43	146,859	1.09	238,284	0.71
0	0.00	35,973	0.21	123	0.00	18,487	0.21	0	0.09
1,151	0.01	113,902	0.65	589	0.00	51,965	0.65	0	0.25
599	0.00	15,074	0.09	5,384	0.02	6,006	0.09	79	0.03
23,277	0.11	199,119	1.14	25,764	0.10	150,444	1.14	33,876	0.73

## 8 TOURISM

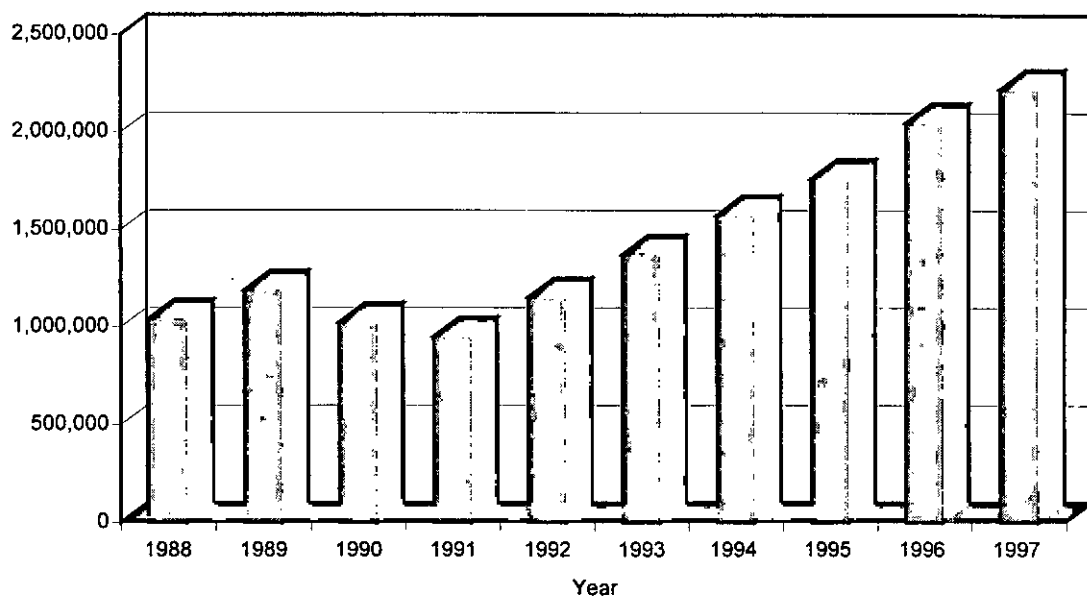
This chapter presents key indicators on the Philippine tourism industry. The number of visitor arrivals is a tangible yardstick of the industry's performance. It refers to the actual headcount of visitors based on the Arrival/Departure (A/D) Cards issued and required by the Bureau of Immigration of every traveler arriving or departing the Philippines. The data on visitor arrivals is disaggregated by country market and by regional grouping. This presentation is in conformity with the classifications and guidelines recommended by the ASEAN Sub-Committee on Tourism for the standardization and uniformity of visitor arrival statistics of all ASEAN member country. For more meaningful analysis, distribution of visitors by country of residence, by purpose of travel, by age group, and mode of travel (by air or sea) is shown.

Other indicators on the performance of the tourism industry are the amount of visitor receipts derived therefrom and hotel occupancy rates. Visitor receipts are essential in determining the contribution of the industry to the economy. Receipts derived from tourism are included in the estimation of the country's Gross Domestic Product. Occupancy rates, on the other hand, is taken from the occupancy reports submitted monthly by classified accommodation establishments in Metro Manila only.

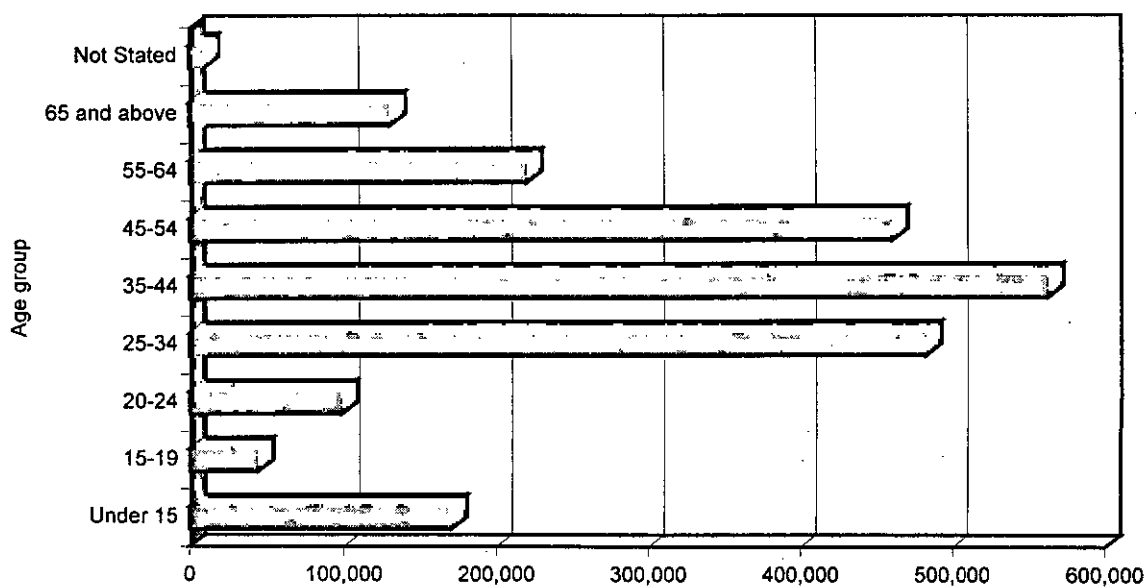


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**Figure 8.1 VISITOR ARRIVALS TO THE PHILIPPINES: 1988 to 1997**



**Figure 8.2 AIR VISITOR ARRIVALS BY AGE GROUP: 1997**



**Table 8.1**  
**VISITOR ARRIVALS TO THE PHILIPPINES BY COUNTRY OF RESIDENCE**  
**1988 to 1997**

Country of Residence	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Grand Total	1,043,114	1,189,719	1,024,520	951,365	1,152,952	1,372,097	1,573,821	1,760,163	2,049,367	2,222,523
ASIA	498,737	581,968	453,377	435,555	563,814	672,205	759,892	885,001	1,081,609	1,171,619
Asean	59,671	64,806	47,758	48,683	55,508	68,103	84,010	92,965	139,324	155,226
Brunei	2,382	2,456	1,660	1,657	1,850	2,226	2,612	2,607	3,393	3,516
Indonesia	7,250	7,994	6,190	7,980	8,591	9,686	11,695	12,723	19,280	20,924
Malaysia	16,336	17,201	11,809	13,594	14,633	21,230	28,038	34,963	52,080	60,449
Singapore	23,794	26,402	19,331	15,662	20,467	23,302	28,549	27,327	43,948	50,344
Thailand	9,909	10,753	8,768	9,790	9,967	11,659	13,116	14,185	17,685	16,692
Vietnam <sup>1</sup>	...	...	...	...	...	...	...	1,160	2,938	3,301
East Asia	389,722	475,742	369,954	351,188	470,636	565,817	636,043	750,938	896,096	971,870
China (PROC)	2,060	3,029	4,066	4,873	6,528	7,011	9,259	8,606	15,757	19,093
Japan	181,741	215,634	201,982	197,540	221,578	243,412	93,673	107,151	350,242	376,714
Hongkong	133,331	130,346	70,629	55,673	66,238	76,562	277,825	323,199	149,479	159,606
Korea	16,125	36,587	36,533	40,554	54,115	69,544	97,867	121,559	173,910	170,087
Taiwan	56,465	90,146	56,744	52,548	122,177	169,288	157,419	190,423	206,708	246,370
South Asia	20,282	15,885	14,923	15,070	16,263	17,615	19,407	20,856	24,646	26,189
Bangladesh	1,341	1,165	1,046	1,048	1,267	1,276	1,640	1,715	2,153	2,365
India	5,781	6,348	6,474	7,011	7,876	8,962	10,793	12,440	16,062	17,711
Nepal	910	813	630	615	644	798	728	875	989	1,000
Pakistan	10,665	5,399	5,368	4,796	5,072	4,962	4,461	3,918	2,976	2,874
Sri Lanka	1,585	2,160	1,405	1,600	1,404	1,617	1,785	1,908	2,466	2,239
Middle East	29,062	25,535	20,742	20,614	21,407	20,670	20,432	20,242	21,543	18,334
Bahrain	2,205	1,740	1,134	826	1,171	1,044	1,033	1,077	1,216	1,064
Iran	306	458	703	756	566	742	970	1,212	1,215	1,195
Israel	3,668	3,668	2,961	3,476	2,986	3,212	2,487	2,558	3,011	3,060
Jordan	545	534	605	477	350	495	648	646	684	583
Kuwait	2,047	1,933	884	1,862	1,047	1,201	1,241	1,567	1,383	1,146
Saudi Arabia	17,778	15,052	13,112	12,514	14,275	12,862	12,802	12,116	12,861	10,111
United Arab Emirates	2,513	2,150	1,343	703	1,012	1,114	1,251	1,066	1,173	1,175
AMERICA	233,639	270,067	226,148	216,482	252,300	307,989	352,483	391,309	434,828	496,213
North America	231,232	267,679	224,510	214,724	250,424	305,696	349,695	387,914	430,805	491,523
USA	211,502	246,586	203,941	192,499	221,630	269,964	310,231	342,189	373,953	427,431
Canada	19,730	21,093	20,569	22,225	28,794	35,732	39,464	45,725	56,852	64,092
Central America	596	687	401	329	460	586	760	800	955	1,238
Mexico	596	687	401	329	460	586	760	800	955	1,238
South America	1,811	1,701	1,237	1,429	1,416	1,707	2,028	2,595	3,068	3,452
Argentina	295	329	264	223	368	395	410	564	625	981
Brazil	688	780	537	718	537	707	763	1,123	1,272	1,322
Colombia	529	276	170	206	200	258	403	454	502	515
Peru	173	210	136	153	207	191	288	244	412	342
Venezuela	126	106	130	129	104	156	164	210	257	292

Table 8.1 (continued)

Country of Residence	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
EUROPE	111,454	122,314	122,798	128,349	151,634	179,982	203,471	229,344	269,976	291,619
Western Europe	57,539	63,392	60,100	62,205	76,677	88,079	96,761	108,529	127,628	133,198
Austria	3,360	3,619	3,317	3,042	4,280	5,402	6,409	7,253	7,940	8,116
Belgium	2,541	2,655	2,709	2,492	3,365	4,170	4,620	5,289	6,596	6,737
France	8,004	9,543	10,204	10,406	13,180	13,705	14,210	18,044	21,027	24,089
Germany	27,399	30,045	26,915	28,229	36,031	41,787	46,471	50,766	60,367	62,595
Luxembourg	133	134	86	117	163	188	234	241	247	261
Netherlands	6,109	6,543	6,487	7,247	7,404	9,271	10,486	12,209	14,873	15,572
Switzerland	9,993	10,853	10,382	10,672	12,254	13,556	14,331	14,727	16,578	15,828
Northern Europe	39,515	41,520	47,673	51,192	56,448	71,366	83,057	94,360	112,925	126,094
Denmark	3,398	3,320	2,843	3,414	4,200	4,668	5,513	5,445	7,384	8,136
Finland	1,200	1,103	1,032	1,061	1,053	1,397	1,978	2,345	2,914	2,793
Ireland	908	1,012	921	1,313	1,457	1,815	2,106	2,342	2,801	3,209
Norway	2,411	2,726	3,023	3,058	3,582	4,560	4,909	5,459	6,384	6,670
Sweden	6,883	6,759	6,381	6,375	7,240	7,507	7,533	8,178	9,929	10,242
United Kingdom	24,715	26,600	33,473	35,971	38,916	51,419	61,018	70,591	83,513	95,044
Southern Europe	13,130	16,006	13,796	12,885	15,532	18,302	20,577	22,613	25,210	27,959
Greece	1,064	1,828	754	837	1,047	1,186	1,322	1,491	1,696	1,542
Italy	7,415	8,869	8,516	8,048	9,447	11,104	12,371	12,745	13,822	15,542
Portugal	2,019	1,997	1,185	905	1,359	1,826	2,100	2,654	2,566	2,701
Spain	2,403	2,978	2,827	2,723	3,362	3,920	4,348	5,307	6,420	7,320
Yugoslavia	229	334	514	372	317	266	436	416	...	...
Slovenia/Croatia/ Others	...	...	...	...	...	...	...	...	706	854
Eastern Europe	1,270	1,396	1,229	2,067	2,977	2,235	3,076	3,842	4,213	4,368
Poland	191	197	226	441	311	405	530	667	977	1,021
Commonwealth of Independent States	1,079	1,199	1,003	1,626	2,666	1,830	2,546	3,175	3,236	3,347
OCEANIA	60,236	67,586	61,188	52,248	62,716	71,208	80,821	85,244	98,473	105,391
Australia	45,349	50,529	47,351	43,966	50,911	60,066	69,846	75,898	87,553	93,949
Guam	9,582	11,343	8,784	3,570	6,100	4,397	3,281	457	368	196
Nauru	103	266	129	-	214	133	142	105	89	187
New Zealand	3,349	3,614	3,627	3,950	4,529	5,717	6,704	7,822	9,396	10,045
Papua New Guinea	1,853	1,834	1,297	762	962	895	848	962	1,067	1,014
AFRICA	353	496	795	1,254	1,902	2,278	2,384	2,634	2,891	2,913
Egypt	20	29	305	867	1,136	1,059	1,140	1,067	1,089	1,025
Nigeria	241	281	285	330	406	475	385	368	222	268
South Africa	92	186	205	57	360	744	859	1,199	1,580	1,620
OTHERS AND UNSPECIFIED RESIDENCES	33,164	33,672	29,457	15,530	10,822	12,759	15,601	16,728	18,837	20,227
TOTAL	937,583	1,076,103	893,763	849,418	1,043,188	1,246,421	1,414,652	1,610,260	1,906,614	2,087,982
OVERSEAS FILIPINOS	105,531	113,616	130,757	101,947	109,764	125,676	159,169	149,903	142,753	134,541

1 - Prior to August 1995, statistics from Vietnam was lumped under "Others".

Source: Department of Tourism.

**Table 8.2**  
**DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND MODE OF TRAVEL**  
**1995 to 1997**

Country of Residence	1995			1996			1997		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
<b>Grand Total</b>	<b>1,760,163</b>	<b>1,740,047</b>	<b>20,116</b>	<b>2,049,367</b>	<b>2,019,385</b>	<b>29,982</b>	<b>2,222,523</b>	<b>2,177,780</b>	<b>44,743</b>
<b>ASIA</b>	<b>885,001</b>	<b>874,373</b>	<b>10,628</b>	<b>1,081,609</b>	<b>1,063,603</b>	<b>18,006</b>	<b>1,171,619</b>	<b>1,148,178</b>	<b>23,441</b>
Asean	92,965	90,481	2,484	139,324	135,987	3,337	155,226	150,093	5,133
Brunei	2,607	2,564	43	3,393	3,389	4	3,516	3,472	44
Indonesia	12,723	11,708	1,015	19,280	17,787	1,493	20,924	18,370	2,554
Malaysia	34,963	34,188	775	52,080	51,045	1,035	60,449	58,884	1,565
Singapore	27,327	27,204	123	43,948	43,692	256	50,344	50,150	194
Thailand	14,185	13,805	380	17,685	17,475	210	16,692	16,458	234
Vietnam	1,160	1,012	148	2,938	2,599	339	3,301	2,759	542
East Asia	750,938	744,384	6,554	896,096	883,184	12,912	971,870	955,456	16,414
China (PROC)	8,606	6,050	2,556	15,757	11,086	4,671	19,093	12,437	6,656
Hongkong	107,151	107,068	83	149,479	144,801	4,678	159,606	155,404	4,202
Japan	323,199	322,188	1,011	350,242	349,690	552	376,714	375,593	1,121
Korea	121,559	118,761	2,798	173,910	171,766	2,144	170,087	167,636	2,451
Taiwan	190,423	190,317	106	206,708	205,841	867	246,370	244,386	1,984
South Asia	20,856	19,282	1,574	24,646	22,892	1,754	26,189	24,309	1,880
Bangladesh	1,715	1,648	67	2,153	2,045	108	2,365	2,177	188
India	12,440	11,094	1,346	16,062	14,582	1,480	17,711	16,232	1,479
Nepal	875	875	-	989	989	-	1,000	999	1
Pakistan	3,918	3,809	109	2,976	2,899	77	2,874	2,740	134
Sri Lanka	1,908	1,856	52	2,466	2,377	89	2,239	2,161	78
Middle East	20,242	20,226	16	21,543	21,540	3	18,334	18,320	14
Bahrain	1,077	1,077	-	1,216	1,216	-	1,064	1,064	0
Iran	1,212	1,212	-	1,215	1,215	-	1,195	1,184	11
Israel	2,558	2,558	-	3,011	3,009	2	3,060	3,057	3
Jordan	646	637	9	684	684	-	583	583	0
Lebanon	0	0	0	0	0	-	0	0	0
Kuwait	1,567	1,560	7	1,383	1,383	-	1,146	1,146	0
Saudi Arabia	12,116	12,116	-	12,861	12,861	-	10,111	10,111	0
United Arab Emirates	1,066	1,066	-	1,173	1,172	1	1,175	1,175	0
<b>AMERICA</b>	<b>395,591</b>	<b>389,140</b>	<b>2,169</b>	<b>434,828</b>	<b>432,033</b>	<b>2,795</b>	<b>496,213</b>	<b>490,535</b>	<b>5,678</b>
North America	387,914	385,814	2,100	430,805	428,088	2,717	491,523	486,321	5,202
Canada	45,725	45,466	259	56,852	56,710	142	64,092	62,961	1,131
U.S.A.	342,189	340,348	1,841	373,953	371,378	2,575	427,431	423,360	4,071
Central America	5,082	760	40	955	951	4	1,238	1,120	118
Mexico	800	760	40	955	951	4	1,238	1,120	118
South America	2,595	2,566	29	3,068	2,994	74	3,452	3,094	358
Argentina	564	564	-	625	622	3	981	651	330
Brazil	1,123	1,113	10	1,272	1,265	7	1,322	1,313	9
Colombia	454	440	14	502	447	55	515	499	16
Peru	244	244	-	412	409	3	342	342	0
Venezuela	210	205	5	257	251	6	292	289	3

Table 8.2 (continued)

Country of Residence	1995			1996			1997		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
EUROPE	229,344	224,807	4,537	269,976	264,411	5,565	290,765	282,444	9,175
Western Europe	108,529	107,474	1,055	127,628	125,568	2,060	138,198	135,528	2,670
Austria	7,253	7,193	60	7,940	7,835	105	8,116	8,067	49
Belgium	5,289	5,280	9	6,596	6,568	28	6,737	6,711	26
France	18,044	17,986	58	21,027	20,950	77	29,089	28,218	871
Germany	50,766	50,007	759	60,367	58,713	1,654	62,595	61,241	1,354
Luxembourg	241	239	2	247	247	-	261	254	7
Netherlands	12,209	12,059	150	14,873	14,718	155	15,572	15,362	210
Switzerland	14,727	14,710	17	16,578	16,537	41	15,828	15,675	153
Northern Europe	94,360	92,582	1,778	112,925	111,485	1,440	126,094	122,599	3,495
Denmark	5,445	5,353	92	7,384	7,283	101	8,136	8,015	121
Finland	2,345	2,310	35	2,914	2,906	8	2,793	2,786	7
Ireland	2,342	2,327	15	2,801	2,772	29	3,209	3,175	34
Norway	5,459	4,955	504	6,384	5,969	415	6,670	6,413	257
Sweden	8,178	8,111	67	9,929	9,817	112	10,242	10,134	108
United Kingdom	70,591	69,526	1,065	83,513	82,738	775	95,044	92,076	2,968
Southern Europe	22,613	21,971	642	25,210	24,228	982	22,105	21,061	1,898
Greece	1,491	1,059	432	1,696	1,221	475	1,542	1,205	337
Italy	12,745	12,620	125	13,822	13,751	71	15,542	14,725	817
Portugal	2,654	2,632	22	2,566	2,514	52	2,701	2,626	75
Spain	5,307	5,250	57	6,420	6,297	123	2,320	1,903	417
Yugoslavia	416	410	6	706	445	261	0	0	0
Slovenia/Croatia/ Others	...	...	...	...	...	...	854	602	252
Eastern Europe	3,842	2,780	1,062	4,213	3,130	1,083	4,368	3,256	1,112
Poland	667	582	85	977	662	315	1,021	664	357
Commonwealth of Independent States	3,175	2,198	977	3,236	2,468	768	3,347	2,592	755
OCEANIA	85,244	84,722	522	98,473	97,601	872	105,391	103,462	1,929
Australia	75,898	75,415	483	87,553	86,714	839	93,949	92,041	1,908
Guam	457	457	-	368	368	-	196	196	-
Nauru	105	105	-	89	89	-	187	187	-
New Zealand	7,822	7,784	38	9,396	9,363	33	10,045	10,027	18
Papua New Guinea	962	961	1	1,067	1,067	-	1,014	1,011	3
AFRICA	2,634	2,536	98	2,891	2,820	71	2,913	2,771	142
Egypt	1,067	982	85	1,089	1,046	43	1,025	911	114
Nigeria	368	363	5	222	210	12	268	263	5
South Africa	1,199	1,191	8	1,580	1,564	16	1,620	1,597	23
OTHERS AND UNSPECIFIED RESIDENCE	16,728	14,566	2,162	18,837	16,164	2,673	20,227	15,849	4,378
TOTAL	1,610,260	1,590,144	20,116	1,906,614	1,876,632	29,982	2,087,982	2,043,239	44,743
OVERSEAS FILIPINOS	149,903	149,903	0	142,753	142,753	0	134,541	134,541	0

Source: Department of Tourism.

**Table 8.3**  
**AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND AGE GROUP**  
**1991 to 1997**

Year/Country of Residence	Total	Age Group								Not Stated
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65 and above	
1991	931,146	67,375	17,441	57,844	223,017	256,126	165,158	76,701	57,721	9,763
1992	1,133,215	92,685	21,939	64,742	265,094	296,011	208,798	99,349	75,837	8,760
1993	1,353,686	109,973	26,656	75,050	313,340	350,767	255,295	121,011	91,996	9,598
1994	1,551,589	122,357	30,080	82,165	357,526	397,277	300,055	143,350	108,945	9,834
1995	1,740,047	140,107	36,278	87,826	389,332	443,802	347,664	164,378	120,660	10,000
1996	2,019,385	159,922	39,148	93,614	444,961	524,644	427,996	199,519	119,259	10,322
1997	2,177,780	170,397	43,982	98,492	482,382	562,349	460,457	219,987	130,560	9,174
ASIA	1,148,178	71,519	19,509	61,761	288,165	315,783	236,720	103,734	47,636	3,351
Asean	150,093	5,955	2,009	5,995	43,150	50,867	29,089	8,996	3,554	478
Brunei	3,472	348	68	99	766	1,242	613	215	94	27
Indonesia	18,370	758	512	1,056	5,237	4,949	3,641	1,596	576	45
Malaysia	58,884	2,428	763	2,469	17,055	19,981	11,192	3,314	1,522	160
Singapore	50,150	1,714	358	1,177	14,622	19,119	9,794	2,307	865	194
Thailand	16,458	670	276	1,051	4,875	4,695	3,152	1,269	425	45
Vietnam	2,759	37	32	143	595	881	697	295	72	7
East Asia	955,456	62,742	16,704	53,361	233,745	252,066	200,098	91,565	42,470	2,705
China	12,437	770	399	770	3,709	3,009	1,750	1,205	800	25
Hongkong	155,404	11,783	3,698	9,590	46,234	44,608	23,289	9,324	6,477	401
Japan	375,593	26,956	3,509	17,078	76,377	87,366	103,104	44,246	15,562	1,395
Korea	167,636	8,733	4,340	12,640	47,387	48,494	27,305	12,925	5,390	422
Taiwan	244,386	14,500	4,758	13,283	60,038	68,589	44,650	23,865	14,241	462
South Asia	24,309	1,360	539	1,203	6,558	6,995	4,877	1,937	751	89
Bangladesh	2,177	66	28	87	651	650	459	193	34	9
India	16,232	957	350	746	4,427	4,762	3,175	1,264	498	53
Nepal	999	33	55	103	239	278	203	53	33	2
Pakistan	2,740	213	49	137	779	720	542	170	115	15
Sri Lanka	2,161	91	57	130	462	585	498	257	71	10
Middle East	18,320	1,462	257	1,202	4,712	5,855	2,656	1,236	861	79
Bahrain	1,064	173	18	27	154	337	154	80	109	12
Iran	1,184	134	38	55	246	444	161	47	56	3
Israel	3,057	105	28	506	705	692	700	259	55	7
Jordan	583	71	7	21	163	159	93	48	20	1
Kuwait	1,146	187	17	61	277	321	162	68	45	8
Saudi Arabia	10,111	575	123	463	2,878	3,591	1,232	702	517	30
United Arab Emirates	1,175	217	26	69	289	311	154	32	59	18
AMERICA	490,535	58,968	13,730	15,809	67,463	104,974	107,174	62,777	56,640	3,000
North America	486,321	58,754	13,614	15,502	66,311	103,703	106,498	62,461	56,494	2,984
Canada	62,961	6,068	1,890	2,306	10,040	14,607	14,819	6,661	6,181	389
USA	423,360	52,686	11,724	13,196	56,271	89,096	91,679	55,800	50,313	2,595
Central America	1,120	43	15	61	352	329	194	96	29	1
Mexico	1,120	43	15	61	352	329	194	96	29	1
South America	3,094	171	101	246	800	942	482	220	117	15
Argentina	651	35	23	34	118	181	149	67	40	4
Brazil	1,313	92	46	106	391	386	161	77	47	7
Colombia	499	15	15	67	120	147	92	32	10	1
Peru	342	6	7	34	113	114	41	13	14	0
Venezuela	289	23	10	5	58	114	39	31	6	3

Table 8.3 (continued)

Year/Country of Residence	Total	Age Group								Not Stated
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65 and above	
EUROPE	282,444	20,940	4,911	8,956	66,527	74,349	65,659	30,294	9,559	1,249
Western Europe	130,528	10,574	2,322	3,830	30,787	34,069	28,696	15,099	4,572	579
Austria	8,067	940	179	273	1,822	2,334	1,507	757	222	33
Belgium	6,711	444	166	204	1,512	1,882	1,551	630	293	29
France	23,218	1,485	340	857	6,343	5,986	5,189	1,818	1,087	113
Germany	61,241	5,328	1,163	1,563	13,903	15,325	13,169	8,574	1,946	270
Luxembourg	254	41	2	8	53	96	37	6	10	1
Netherlands	15,362	941	237	494	3,524	3,973	3,927	1,719	469	78
Switzerland	15,675	1,395	235	431	3,630	4,473	3,316	1,595	545	55
Northern Europe	122,599	8,583	2,157	4,206	28,717	32,320	30,395	11,931	3,733	557
Denmark	8,015	609	183	449	1,996	1,795	1,892	824	241	26
Finland	2,786	160	43	56	764	945	592	170	50	6
Ireland	3,175	158	22	166	950	857	636	261	114	11
Norway	6,413	793	180	237	1,129	1,545	1,656	641	199	33
Sweden	10,134	817	162	418	2,593	2,341	2,341	1,050	373	39
United Kingdom	92,076	6,046	1,567	2,880	21,285	24,837	23,278	8,985	2,756	442
Southern Europe	26,061	1,676	378	719	6,197	6,972	5,886	2,934	1,195	104
Greece	1,205	68	11	25	212	298	371	156	64	0
Italy	14,725	924	164	322	3,449	3,898	3,316	1,909	682	61
Portugal	2,626	190	61	98	686	838	489	156	96	12
Spain	6,903	471	132	237	1,693	1,783	1,546	670	344	27
Slovenia/Croatia/ Others	602	23	10	37	157	155	164	43	9	4
Eastern Europe	3,256	107	54	201	826	988	682	330	59	9
Comm. of Ind. States	2,592	91	46	171	620	777	554	276	49	8
Poland	664	16	8	30	206	211	128	54	10	1
OCEANIA	103,462	10,840	3,064	3,941	17,760	26,153	24,839	10,353	5,588	924
Australia	92,041	9,837	2,811	3,553	15,316	22,973	22,194	9,334	5,202	821
Guam	196	41	9	7	31	22	37	24	21	4
Nauru	187	30	26	18	31	41	17	12	11	1
New Zealand	10,027	846	192	313	2,121	2,766	2,432	945	324	88
Papua New Guinea	1,011	86	26	50	261	351	159	38	30	10
AFRICA	2,771	186	44	81	674	857	596	244	74	15
Egypt	911	115	16	9	188	283	198	69	26	7
Nigeria	263	11	1	1	72	103	51	21	2	1
South Africa	1,597	60	27	71	414	471	347	154	46	7
Others & Unspecified Residences	15,849	734	248	937	4,338	4,494	3,059	1,272	711	56
Overseas Filipinos	134,541	7,210	2,476	7,007	37,455	35,739	22,410	11,313	10,352	579

Source: Department of Tourism.



**Table 8.4**  
**AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND PURPOSE OF TRAVEL**  
**1985 to 1997**

Year/Travel Market	Total	Holiday	Visit Friends & Relatives	Incentive Travel	Business	Official Mission	Convention	Health	Others	Not Reported
1985	743,747	511,654	-	-	87,500	19,565	7,828	-	60,014	57,186
1986	751,401	507,292	-	-	91,545	19,123	9,009	-	65,228	59,204
1987	765,404	510,712	-	-	99,626	20,934	8,338	-	70,306	55,488
1988	818,788	565,620	-	-	108,388	36,427	7,653	-	72,666	28,034
1989	1,162,412	775,404	-	-	142,167	49,822	13,809	-	139,630	41,580
1990	1,001,208	586,465	-	-	131,836	36,361	11,656	-	157,031	77,859
1991	931,146	569,602	-	-	116,347	15,400	9,609	-	70,409	149,779
1992	1,159,908	850,169	-	-	175,545	15,281	10,983	-	58,314	22,923
1993	1,353,686	1,015,147	-	-	177,203	14,089	16,874	-	71,422	58,951
1994	1,551,589	1,121,593	-	-	223,811	12,162	20,833	-	89,559	83,631
1995	1,740,047	1,217,321	-	-	278,506	6,019	27,275	-	110,635	100,291
1996	2,019,385	1,057,211	302,337	254	379,229	4,929	33,569	1	106,905	134,950
1997	2,177,780	993,733	477,699	326	432,639	2,657	36,591	-	101,391	132,744
ASIA	1,148,178	673,693	88,890	157	227,202	1,550	22,037	-	43,565	91,084
Asean	150,093	58,855	11,808	29	53,023	233	10,300	-	10,112	5,733
Brunei	3,472	1,887	467	1	285	8	317	-	371	136
Indonesia	18,370	6,101	1,579	4	3,860	46	2,128	-	3,122	1,530
Malaysia	58,884	29,934	3,408	10	17,789	51	3,256	-	2,825	1,611
Singapore	50,150	16,398	4,227	10	24,940	89	2,160	-	1,346	980
Thailand	16,458	4,325	1,907	3	5,264	34	1,755	-	1,961	1,209
Vietnam	2,759	210	220	1	885	5	684	-	487	267
East Asia	955,456	599,917	72,163	119	163,236	1,215	9,463	-	28,442	80,901
China	12,437	2,907	778	4	2,994	10	354	-	558	4,832
Hong Kong	155,404	95,751	9,597	27	26,285	126	1,751	-	3,429	18,438
Japan	375,593	239,775	34,711	30	74,045	625	2,656	-	7,834	15,917
Korea	167,636	86,891	15,138	45	35,620	207	3,815	-	13,732	12,188
Taiwan	244,386	174,593	11,939	13	24,292	247	887	-	2,889	29,526
South Asia	24,309	5,060	2,736	5	7,543	69	2,022	-	3,994	2,880
Bangladesh	2,177	423	275	0	442	32	214	-	613	178
India	16,232	3,274	1,605	4	5,841	18	1,138	-	2,166	2,186
Nepal	999	177	129	0	112	5	209	-	301	66
Pakistan	2,740	641	495	1	658	8	181	-	470	286
Sri Lanka	2,161	545	232	0	490	6	280	-	444	164
Middle East	18,320	9,861	2,183	4	3,400	33	252	-	1,017	1,570
Bahrain	1,064	574	223	0	131	3	4	-	50	79
Iran	1,184	226	360	1	223	0	36	-	220	118
Israel	3,057	1,373	185	2	1,097	12	114	-	150	124
Jordan	583	185	137	0	174	1	10	-	46	30
Kuwait	1,146	558	212	0	174	4	21	-	51	126
Saudi Arabia	10,111	6,417	754	1	1,479	13	59	-	441	947
United Arab Emirates	1,175	528	312	0	122	0	8	-	59	146
AMERICA	490,535	128,890	217,185	112	83,153	515	5,518	-	37,027	18,135
North America	486,321	127,234	216,560	111	82,142	505	5,188	-	36,664	17,917
Canada	62,961	23,075	22,249	10	10,274	73	786	-	4,177	2,317
U S A	423,360	104,159	194,311	101	71,868	432	4,402	-	32,487	15,600
Central America	1,120	418	111	1	370	1	82	-	92	45
Mexico	1,120	418	111	1	370	1	82	-	92	45

Table 8.4 (continued)

Year/Travel Market	Total	Holiday	Visit Friends & Relatives	Incentive Travel	Business	Official Mission	Convention	Health	Others	Not Reported
South America	3,094	1,238	514	0	641	9	248	-	271	173
Argentina	651	254	52	0	194	2	49	-	67	33
Brazil	1,313	541	293	0	249	0	68	-	95	67
Colombia	499	211	61	0	79	4	67	-	41	36
Peru	342	128	77	0	41	2	38	-	31	25
Venezuela	289	104	31	0	78	1	26	-	37	12
EUROPE	282,444	127,436	46,419	34	85,571	371	4,122	-	10,303	8,188
Western Europe	130,528	63,570	23,198	12	34,052	188	1,426	-	4,483	3,599
Austria	8,067	4,330	1,998	2	1,273	8	48	-	177	231
Belgium	6,711	2,617	1,388	0	2,003	10	124	-	340	229
France	23,218	10,359	2,146	2	8,485	48	452	-	1,060	666
Germany	61,241	32,287	11,566	5	13,424	78	462	-	1,703	1,716
Luxembourg	254	117	55	0	59	0	4	-	9	10
Netherlands	15,362	5,320	3,104	1	5,626	21	213	-	723	354
Switzerland	15,675	8,540	2,941	2	3,182	23	123	-	471	393
Northern Europe	122,599	51,810	19,327	9	42,663	148	1,952	-	3,897	2,793
Denmark	8,015	4,175	1,092	1	2,231	15	67	-	249	185
Finland	2,786	901	248	0	1,406	5	45	-	140	41
Ireland	3,175	1,312	410	0	1,137	0	81	-	154	81
Norway	6,413	2,628	1,803	0	1,394	9	63	-	300	216
Sweden	10,134	4,649	1,687	0	3,137	14	108	-	308	231
United Kingdom	92,076	38,145	14,087	8	33,358	105	1,588	-	2,746	2,039
Southern Europe	26,061	10,750	3,767	12	8,044	34	644	-	1,282	1,528
Greece	1,205	413	130	1	481	0	19	-	69	92
Italy	14,725	5,556	2,100	7	5,195	16	340	-	666	845
Portugal	2,626	1,715	173	1	438	4	93	-	79	123
Spain	6,903	2,853	1,329	3	1,701	12	168	-	393	444
Slovenia/Croatia/ Others <sup>1</sup>	602	213	35	0	229	2	24	-	75	24
Eastern Europe	3,256	1,306	127	1	812	1	100	-	641	268
Commonwealth of Independent States	2,592	1,014	58	1	680	1	73	-	530	235
Poland	664	292	69	0	132	0	27	-	111	33
OCEANIA	103,462	33,759	32,909	11	26,881	91	3,107	-	4,759	1,945
Australia	92,041	30,130	30,466	7	23,192	78	2,514	-	4,010	1,644
Guam	196	25	104	0	6	0	2	-	29	30
Nauru	187	68	13	0	24	0	5	-	62	15
New Zealand	10,027	3,197	2,225	4	3,454	12	442	-	476	217
Papua New Guinea	1,011	339	101	0	205	1	144	-	182	39
AFRICA	2,771	864	315	0	1,042	18	147	-	198	187
Egypt	911	269	168	0	240	3	19	-	81	131
Nigeria	263	35	32	0	82	7	25	-	61	21
South Africa	1,597	560	115	0	720	8	103	-	56	35
Others & Unspecified										
Residences	15,849	5,359	1,704	5	3,392	46	1,231	-	2,704	1,408
Overseas Filipinos <sup>2</sup>	134,541	23,732	90,277	7	5,398	66	429	-	2,835	11,797

1 - Includes Bosnia, Serbia, and Macedonia.

2 - Philippine passport holders permanently residing abroad: excludes overseas contract workers.

Source: Department of Tourism.

**Table 8.5**  
**NUMBER OF VISITOR ARRIVALS AND AMOUNT OF VISITOR RECEIPTS**  
**1994 to 1997**

Year	Foreign Visitors				Overseas Filipinos				Total Visitor Receipts (in Million US\$)
	Number	Ave. Daily Expenditure (in US\$)	Average Length of Stay	Total Receipts (in Million US\$)	Number	Ave. Daily Expenditure (in US\$)	Average Length of Stay	Total Receipts (in Million US\$)	
1994	1,414,652	144.94	10.31	2,088.79	159,169	54.09	23.91	194.10	2,282.89
1995	1,610,260	155.92	9.22	2,238.98	149,903	70.75	23.22	214.97	2,453.95
1996	1,906,614	156.28	9.18	2,482.85	142,753	66.11	23.04	217.72	2,700.57
1997	2,087,982	148.24	8.93	2,638.51	134,541	63.10	20.09	192.65	2,831.17
January	168,568	170.20	8.79	217.51	9,094	66.67	14.83	8.99	226.50
February	166,663	144.61	10.84	251.12	7,244	81.18	22.79	13.40	264.52
March	172,339	160.27	8.40	240.82	9,374	130.11	19.05	23.23	264.05
April	160,412	141.60	10.87	226.18	12,156	63.03	21.75	16.66	242.84
May	154,832	148.07	8.23	195.67	6,470	41.41	17.56	4.70	200.37
June	164,896	155.29	8.13	201.84	6,308	37.97	26.00	6.23	208.07
July	179,109	133.41	10.01	220.85	8,083	59.04	20.25	9.66	230.52
August	176,867	160.39	9.16	247.01	7,407	69.20	19.39	9.94	256.95
September	163,850	143.99	8.09	172.26	8,359	44.97	14.86	5.59	177.85
October	175,814	137.50	8.59	207.88	12,394	47.39	16.95	9.96	217.84
November	197,601	151.82	7.87	221.01	20,989	52.97	20.89	23.22	244.23
December	207,031	138.12	8.22	236.36	26,663	125.50	18.25	61.07	297.43

Source: Department of Tourism.

**Table 8.6**  
**AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS**  
**IN METRO MANILA BY HOTEL CATEGORY**  
**1980 to 1997**

Year	Total	Hotel Category				
		5-Star	4-Star	3-Star	2-Star	1-Star
Average number of rooms						
1980	10,434	6,386	1,282	1,346	754	666
1981	10,692	6,509	1,263	1,439	966	515
1982	10,267	5,609	2,260	1,112	821	465
1983	9,968	5,582	2,237	915	753	481
1984	10,052	6,123	1,639	1,073	701	516
1985	8,619	5,551	920	1,326	399	423
1986	8,313	5,569	705	1,278	373	388
1987	8,487	5,578	805	1,372	363	369
Average occupancy rate						
1980	69	72	60	72	62	61
1981	64	68	54	66	55	62
1982	61	65	49	64	52	67
1983	57	60	48	57	54	60
1984	55	59	45	54	56	52
1985	52	54	44	52	42	50
1986	60	63	50	59	44	55
1987	66	70	58	59	56	53

Year	Total	Hotel Category			
		De Luxe	First Class	Standard	Economy
Average number of rooms					
1988	6,824	3,841	1,048	867	1,068
1989	8,417	4,864	1,365	1,099	1,089
1990	7,704	4,244	1,474	1,185	801
1991	7,723	4,219	1,760	1,146	598
1992	8,127	4,627	1,294	1,259	947
1993	9,968	6,177	1,473	1,381	937
1994	11,321	7,281	1,536	1,543	961
1995	11,742	7,327	1,798	1,671	946
1996	12,077	7,189	1,846	2,111	931
1997	12,387	7,382	1,611	2,458	936
Average occupancy rate					
1988	70.75	76.39	75.30	70.26	61.03
1989	72.40	80.98	77.63	70.19	60.80
1990	65.86	68.36	67.64	70.06	57.38
1991	64.26	66.71	59.26	65.75	65.33
1992	64.92	70.21	60.58	58.90	53.05
1993	56.11	62.89	62.38	53.15	46.01
1994	59.39	62.04	57.45	55.32	48.98
1995	62.15	66.92	51.97	60.18	48.01
1996	70.03	75.28	65.55	65.37	48.90
1997	69.13	72.99	69.87	61.82	56.72

Note: New hotel categorization starting 1988 resulted in change in coverage.

Source: Department of Tourism.

# 9 VITAL, HEALTH AND NUTRITION STATISTICS

This chapter presents vital, health and nutrition statistics, among which are data on births, deaths, diseases, hospitals, net available food supply, etc.

Statistics on registered births and deaths are compiled by the Health Intelligence Service (HIS) of the Department of Health (DOH) and the National Statistics Office (NSO). The HIS publishes in its annual report, the *Philippine Health Statistics*, such data as the number and rate of total births, deaths, infant and maternal mortality by region, province, or city, infant mortality by cause of death, by age, sex and by region, maternal mortality by main causes and by region, and notifiable diseases by age and sex.

The NSO generates data on births by month by place of birth, classified by sex, legitimacy, order of birth, age of mother, nationality of parents, and attendance at birth. Data on deaths are presented by month and by place of death, classified by cause of death, age, sex, civil status, occupation and nationality of the deceased. Statistics on foetal deaths are tabulated showing number of foetal deaths by month and by place of death, classified by order of birth, age of mother, period of gestation and weight at birth. It also compiles data on marriages showing tabulations by months and by place of occurrence, classified by age and by previous marital status of bride and groom and by type of ceremony. These vital statistics are drawn from the NSO's Civil Registration System and are published in the NSO annual publication, the Vital Statistics Report and the Journal of Philippine Statistics.

This chapter also presents data on food consumption and nutrient intake of the population. This information was sourced from the Food and Nutrition Research Institute, Food Consumption Survey which is conducted every 5 years.

Other government agencies under the DOH which compile medical services and health statistics are the Bureau of Medical Services, the Bureau of Dental Services, Bureau of Food and Drug, and the Bureau of Quarantine.

Lastly, data on hospitals and personnel by region, barangay and rural health units, as well as establishments involved in food and drug production and distribution are included as a component of this chapter.

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**Table 9.1**  
**NUMBER OF REGISTERED MARRIAGES AND RATE BY REGION**  
**1970 to 1993**  
**(Rates per 1,000 population)**

Year	Philippines		National Capital Region		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4		Region
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
1970	255,873	14.0	a	0.0	-	-	20,111	13.4	9,707	11.5	30,542	16.5	78,928 <sup>b</sup>	19.0	16,828
1971	252,731	13.3	a	0.0	-	-	21,800	14.3	10,000	11.5	31,563	16.4	71,893 <sup>b</sup>	16.6	16,384
1972	248,261	12.7	a	0.0	-	-	21,008	13.5	11,143	12.5	30,754	15.5	71,826 <sup>b</sup>	16.0	15,137
1973	263,338	13.1	a	0.0	-	-	21,490	13.5	9,947	10.8	31,621	15.4	74,223 <sup>b</sup>	15.9	20,307
1974	287,984	13.9	a	0.0	-	-	21,485	13.2	11,429	12.1	33,078	15.5	76,495 <sup>b</sup>	15.8	22,495
1975	299,514	14.2	a	0.0	-	-	22,323	13.7	13,304	13.8	37,020	17.6	83,676 <sup>b</sup>	16.4	21,707
1976	303,988	14.0	47,456	18.1	-	-	24,563	14.7	12,940	13.0	36,480	16.8	40,638	15.1	20,696
1977	324,466	14.6	51,661	19.0	-	-	24,954	14.7	14,976	14.7	39,478	17.7	44,493	16.2	21,312
1978	340,108	15.0	55,850	19.7	-	-	26,128	15.2	15,051	14.4	41,771	18.2	46,830	16.6	21,987
1979	360,888	15.5	57,751	19.7	-	-	26,082	14.8	17,591	16.4	45,618	19.6	47,338	16.4	24,865
1980	354,300	14.7	59,708	20.2	-	-	26,663	15.1	16,058	14.5	43,231	18.0	47,862	15.6	21,827
1981	349,742	14.1	60,338	19.6	-	-	27,162	15.0	16,121	14.1	43,457	17.6	47,425	15.0	20,504
1982	351,818	13.9	62,585	19.7	-	-	27,256	14.8	16,915	14.5	44,820	17.7	47,140	14.5	18,600
1983	351,663	13.5	61,790	18.9	-	-	27,307	14.5	15,198	12.7	45,385	17.5	49,004	14.6	19,062
1984	380,171	14.3	64,570	19.2	-	-	27,321	14.3	16,275	13.2	45,878	17.2	52,976	15.4	22,335
1985	378,550	13.8	63,660	18.3	-	-	26,638	13.7	17,467	13.9	46,249	17.0	54,516	15.4	25,981
1986	389,482	13.9	63,187	17.7	-	-	27,197	13.7	17,976	13.9	46,783	16.7	55,057	15.1	24,425
1987	400,760	14.0	68,293	18.6	-	-	28,107	13.9	17,362	13.1	47,605	16.6	56,262	15.0	24,597
1988	393,514	13.4	71,805	19.0	-	-	27,587	13.3	16,680	12.3	46,996	16.0	51,804	13.5	20,462
1989	395,933	13.2	76,620	19.7	-	-	28,970	13.8	16,879	12.0	50,183	16.7	53,428	13.5	20,139
1990	422,041	13.6	84,502	20.8	6,260	10.7	25,607	14.0	15,460	12.9	53,269	16.8	57,815	13.7	22,907
1991	445,526	14.0	89,478	21.5	7,217	12.0	27,066	14.5	16,451	13.4	52,944	16.3	63,472	14.6	26,602
1992	454,155	13.9	89,786	21.1	7,432	12.0	27,375	14.4	16,069	12.7	52,859	15.8	66,058	14.8	27,447
1993	474,407	14.2	93,300	21.4	8,445	13.3	28,773	14.8	16,453	12.7	55,146	16.1	70,772	15.4	27,616

Notes: 1. Prior to 1990 population figures used as denominator were based on the series 2 population projections using the 1980 CPH as base year.  
2. Starting 1990 population figures used as denominator were based in the series 2 population projections using the 1990 CPH as base year.

a - Included in Region 4.

b - Including Metropolitan Manila Area (NCR).

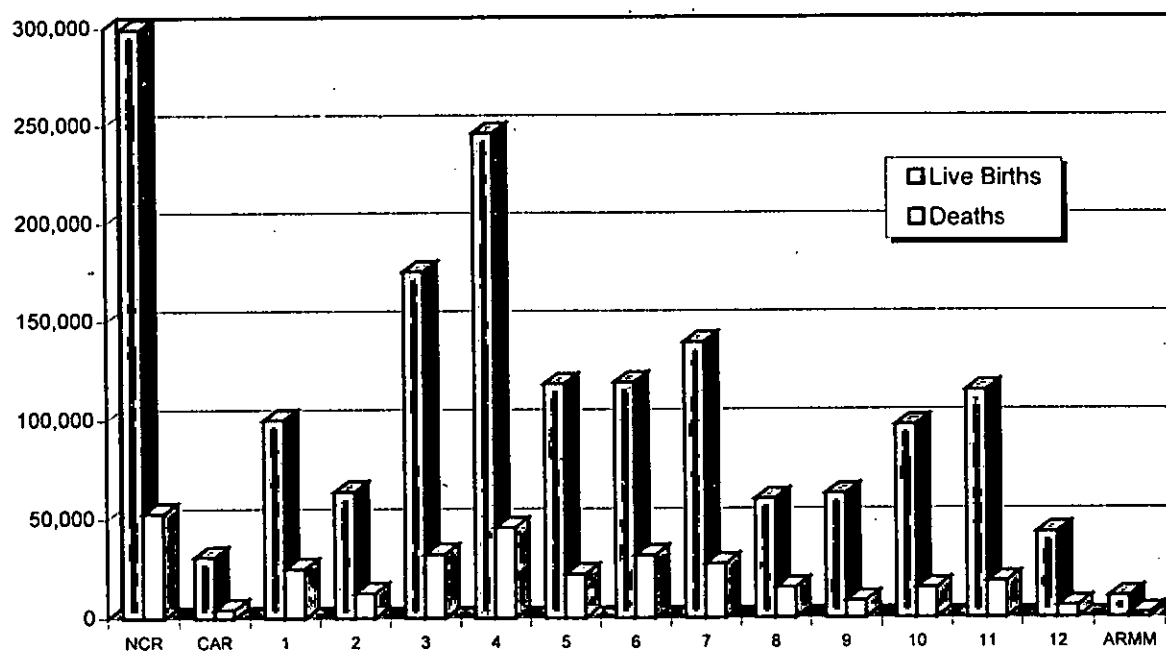
Source: National Statistics Office.



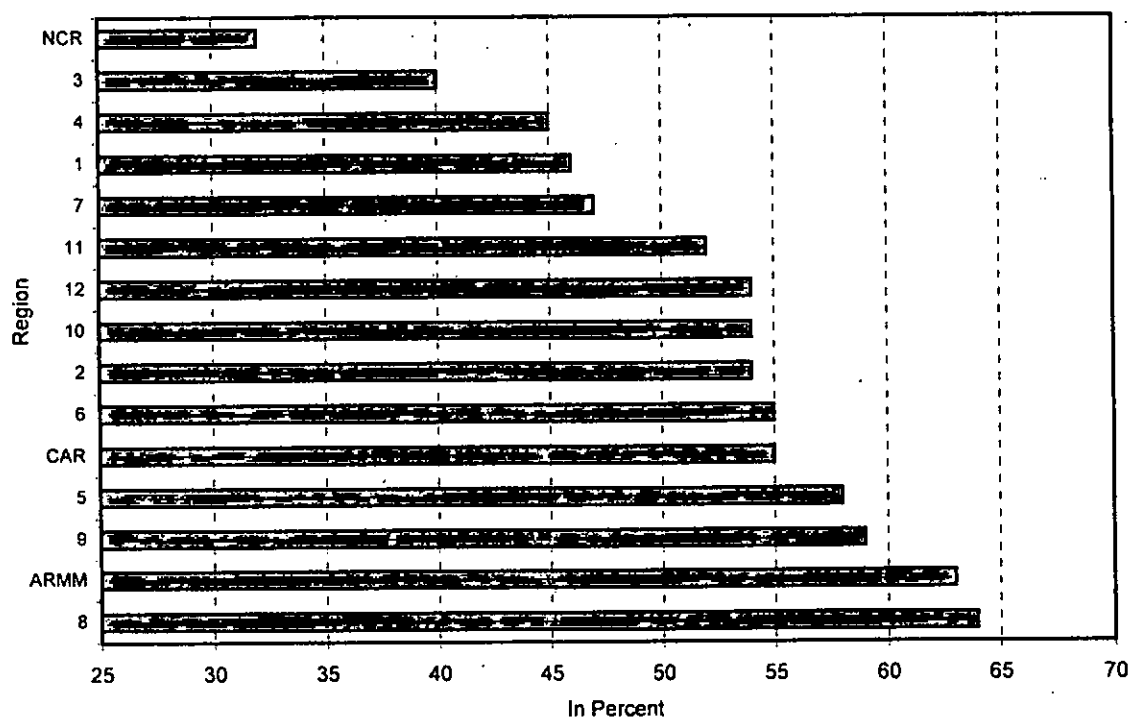
Table 9.1 (continued)

5	Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12		Autonomous Region for Muslim Mindanao	
	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
11.3	21,776	12.0	20,912	13.8	12,899	10.8	8,349	8.9	13,733	14.1	15,370	14.0	6,718	6.9	...	...
10.8	23,095	12.6	21,425	13.8	12,510	10.4	8,969	9.2	13,509	13.2	15,798	13.6	5,785	5.7	...	...
9.8	22,352	12.0	20,542	13.0	10,521	8.6	8,361	8.3	13,080	12.3	17,204	14.2	6,333	6.1	...	...
12.9	23,940	12.6	21,280	13.2	13,121	10.6	8,432	8.1	14,544	13.1	18,297	14.3	6,136	5.7	...	...
14.1	25,936	13.5	25,574	15.5	17,558	14.1	8,987	8.3	16,014	13.8	22,166	16.5	6,767	6.0	...	...
13.6	26,633	12.8	25,391	15.0	15,046	11.6	9,738	9.5	15,174	13.1	22,063	16.3	7,439	7.2	...	...
12.7	27,567	12.9	24,922	14.4	13,693	10.4	9,058	8.6	15,859	13.2	22,295	15.8	7,821	7.4	...	...
13.0	26,468	12.1	25,256	14.2	15,111	11.2	11,310	10.6	17,183	14.0	23,277	15.9	8,987	8.4	...	...
13.2	27,976	12.5	26,231	14.5	14,472	10.6	10,494	9.6	18,742	14.8	24,777	16.4	9,799	9.0	...	...
14.7	29,592	13.0	28,944	15.7	15,706	11.3	12,173	10.7	19,321	15.0	26,680	17.2	9,227	8.2	...	...
12.6	29,818	13.2	27,670	14.6	14,400	10.3	12,132	9.6	19,632	14.2	25,601	15.3	9,698	8.5	...	...
11.5	29,977	12.9	26,469	13.7	13,309	9.3	12,248	9.4	18,076	12.7	25,013	14.5	9,643	8.2	...	...
10.2	30,374	12.8	26,841	13.6	12,798	8.8	10,897	8.2	18,806	12.8	25,148	14.2	9,638	8.0	...	...
10.2	28,939	11.9	24,667	12.2	13,622	9.2	12,021	8.8	19,386	12.9	25,685	14.1	9,597	7.8	...	...
11.7	31,317	12.6	28,405	13.8	16,312	10.8	13,949	10.0	21,815	14.1	27,948	14.9	11,070	8.7	...	...
13.3	28,680	11.3	26,886	12.8	15,237	9.9	13,271	9.3	21,298	13.4	27,740	14.5	10,927	8.4	...	...
12.2	32,823	12.6	30,311	14.2	16,665	10.7	14,084	9.6	22,538	13.8	27,511	14.0	10,925	8.2	...	...
12.0	33,404	12.6	31,388	14.4	16,623	10.4	13,986	9.3	23,709	14.2	28,784	14.3	10,640	7.8	...	...
9.7	32,717	12.0	31,614	14.2	15,701	9.7	14,657	9.6	24,368	14.2	29,365	14.2	9,758	7.0	...	...
9.4	32,703	11.8	31,076	13.7	13,327	8.1	13,378	8.6	21,197	12.0	28,205	13.3	9,828	6.8	...	...
11.5	32,651	11.8	32,499	13.8	15,521	9.9	13,905	11.1	23,558	13.2	29,456	13.0	7,640	7.4	991	1.1
13.0	34,058	12.1	33,332	13.8	16,329	10.2	14,502	11.2	24,332	13.2	29,422	12.5	8,766	8.2	1,555	1.6
13.1	36,592	12.7	34,154	13.9	17,716	10.8	14,464	10.9	24,460	12.9	29,249	12.1	9,625	8.7	869	0.9
12.9	37,422	12.7	35,423	14.0	17,890	10.6	14,651	10.7	26,699	13.7	30,342	12.2	9,966	8.8	1,509	1.5

**Figure 9.1 NUMBER OF REGISTERED LIVE BIRTHS AND DEATHS BY REGION: 1993**



**Figure 9.2 INFANT MORTALITY RATE BY REGION: 1995**



**Table 9.2**  
**LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER ONE YEAR,**  
**MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES**  
**1970 to 1993**

Year	Live Births	Total Deaths	Deaths under 1 year	Maternal deaths	Foetal deaths
1970	966,762	234,038	57,970	1,950	12,561
1971	963,749	250,139	59,730	1,261	12,969
1972	968,385	285,761	65,719	1,379	13,577
1973	1,049,290	283,475	67,862	1,488	10,808
1974	1,081,073	283,975	63,491	1,617	13,451
1975	1,223,837	271,136	65,263	1,753	13,764
1976	1,314,860	299,861	74,792	1,862	14,865
1977	1,344,836	308,904	76,330	1,909	14,589
1978	1,387,588	297,034	73,640	1,734	14,365
1979	1,429,814	306,427	71,772	1,634	14,586
1980	1,456,860	298,006	65,700	1,609	13,965
1981	1,461,204	301,117	64,415	1,542	13,343
1982	1,474,491	308,758	61,665	1,425	13,465
1983	1,506,356	327,260	64,267	1,502	14,780
1984	1,478,205	313,359	56,897	1,379	11,884
1985	1,437,154	334,663	54,613	1,489	8,948
1986	1,493,995	326,749	52,263	1,573	8,400
1987	1,582,469	335,254	50,803	1,611	10,515
1988	1,565,372	325,098	47,187	1,745	10,641
1989	1,565,254	325,621	43,026	1,579	11,423
1990	1,631,069	313,890	39,633	1,307	11,915
1991	1,643,296	298,063	34,332	1,144	10,776
1992	1,684,395	319,579	36,814	1,394	8,631
1993	1,680,896	318,546	34,673	1,548	9,338

Source: National Statistics Office.

**Table 9.3**  
**NUMBER OF REGISTERED LIVE BIRTHS AND RATE BY REGION**  
**1970 to 1993**  
**(Rate per 1,000 population)**

Year	Philippines		National Capital Region		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4		Region
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1970	966,762	26.4	<sup>a</sup>	0.0	-	-	94,644	31.6	48,590	28.8	113,881	30.7	288,997 <sup>b</sup>	34.7	74,048
1971	963,749	25.4	<sup>a</sup>	0.0	-	-	97,234	31.8	51,093	29.4	113,008	29.4	290,958 <sup>b</sup>	33.6	71,918
1972	968,385	24.8	<sup>a</sup>	0.0	-	-	96,026	30.8	51,105	28.7	115,311	29.0	290,100 <sup>b</sup>	32.3	76,801
1973	1,049,290	26.2	<sup>a</sup>	0.0	-	-	97,723	30.7	55,679	30.3	120,072	29.2	303,370 <sup>b</sup>	32.5	87,206
1974	1,081,073	26.2	<sup>a</sup>	0.0	-	-	95,964	29.6	55,385	29.4	121,159	28.5	301,081 <sup>b</sup>	31.1	88,882
1975	1,223,837	29.1	<sup>a</sup>	0.0	-	-	100,606	30.8	64,128	33.2	138,770	33.0	318,680 <sup>b</sup>	31.3	103,702
1976	1,314,860	30.3	181,590	34.7	-	-	107,745	32.3	67,594	34.0	150,245	34.5	174,543	32.5	107,701
1977	1,344,836	30.3	198,018	36.3	-	-	108,433	32.0	68,068	33.4	141,714	31.7	175,847	32.0	105,418
1978	1,387,588	30.5	194,605	34.4	-	-	118,154	34.3	80,474	38.5	148,030	32.2	181,915	32.3	105,037
1979	1,429,814	30.7	210,395	35.8	-	-	113,838	32.3	72,424	33.7	151,852	32.6	188,072	32.6	111,814
1980	1,456,860	30.3	217,612	36.7	-	-	115,920	32.7	71,581	32.3	157,470	32.8	192,888	31.5	111,988
1981	1,461,204	29.5	221,533	36.0	-	-	119,083	33.0	70,903	31.1	157,332	31.8	197,310	31.2	109,429
1982	1,474,491	29.0	221,564	34.9	-	-	119,972	32.6	73,672	31.5	157,160	31.0	199,143	30.6	108,204
1983	1,506,356	28.9	224,058	34.3	-	-	120,325	32.1	73,429	30.6	161,370	31.1	202,665	30.2	108,497
1984	1,478,205	27.7	225,795	33.5	-	-	119,653	31.3	70,866	28.8	159,838	30.0	205,125	29.7	108,067
1985	1,437,154	26.3	217,355	31.3	-	-	113,798	29.2	71,079	28.2	153,359	28.1	202,131	28.5	109,936
1986	1,493,995	26.7	229,534	32.1	-	-	116,808	29.4	71,988	27.9	159,498	28.5	208,917	28.7	109,973
1987	1,582,469	27.6	242,905	33.0	-	-	120,972	29.8	72,957	27.6	167,576	29.2	221,017	29.5	117,683
1988	1,565,372	26.7	250,861	33.2	-	-	118,154	28.6	73,371	27.0	167,644	28.6	213,778	27.8	108,163
1989	1,565,254	26.0	263,356	33.9	-	-	116,744	27.7	72,794	26.2	168,631	28.1	212,863	27.0	106,306
1990	1,631,069	26.3	281,817	34.7	29,059	24.9	98,092	26.9	66,163	27.6	179,158	28.2	226,957	26.9	109,151
1991	1,643,296	25.8	288,535	34.7	29,878	24.9	98,392	26.4	66,329	27.0	176,801	27.2	233,207	26.8	112,713
1992	1,684,395	25.8	298,244	35.0	30,989	25.1	100,995	26.6	66,277	26.3	177,293	26.6	244,027	27.3	116,842
1993	1,680,896	25.1	299,215	34.3	30,879	24.4	100,071	25.8	63,826	24.7	175,741	25.7	246,101	26.8	118,218

Note: Starting 1990 population figures used as denominator were based in the Series 2 population projections using the 1990 CPH as base year.

a - Included in Region 4.

b - Including Metropolitan Manila Area (National Capital Region).

Source: National Statistics Office.

Table 9.3 (continued)

5	Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12		Autonomous Region for Muslim Mindanao	
Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
25.0	52,321	14.5	91,062	30.0	39,103	16.4	24,208	12.8	47,619	24.4	68,277	31.0	24,012	12.4	...	...
23.8	55,337	15.0	92,216	29.7	37,028	15.3	23,984	12.4	48,229	23.6	61,861	26.7	20,883	10.4	...	...
25.0	56,257	15.1	88,584	28.0	34,542	14.2	21,355	10.6	49,500	23.3	67,946	28.0	20,858	10.0	...	...
27.8	65,977	17.4	94,244	29.1	41,208	16.7	23,861	11.5	56,499	25.4	78,440	30.7	25,011	11.5	...	...
27.9	76,441	19.9	93,359	28.3	46,150	18.5	29,779	13.8	63,372	27.3	82,546	30.8	26,955	12.0	...	...
32.5	99,771	24.1	104,699	30.9	52,397	20.2	37,388	18.3	74,506	32.2	95,523	35.2	33,667	16.3	...	...
33.2	107,022	25.1	108,395	31.2	55,036	20.8	39,818	19.0	76,845	32.1	100,946	35.7	37,380	17.7	...	...
32.1	107,773	24.7	108,053	30.5	55,885	20.8	47,668	22.3	82,388	33.5	105,781	36.1	39,790	18.5	...	...
31.5	102,213	22.9	111,147	30.7	55,266	20.2	50,053	22.9	88,952	35.2	108,232	35.8	43,510	19.9	...	...
33.0	110,124	24.1	112,925	30.6	58,227	21.0	55,962	24.6	89,107	34.5	111,146	35.9	43,928	19.6	...	...
32.2	112,200	24.8	114,054	30.1	57,887	20.7	55,283	21.9	91,125	33.0	114,093	34.1	44,759	19.7	...	...
30.6	114,966	24.7	114,804	29.6	56,929	19.9	52,254	20.0	87,583	30.7	113,821	32.9	45,257	19.3	...	...
29.6	118,416	24.9	117,621	29.8	57,804	19.9	50,243	18.8	88,754	30.3	115,822	32.6	46,116	19.2	...	...
29.0	117,466	24.1	119,703	29.7	60,278	20.3	56,912	20.8	92,689	30.8	120,565	33.1	48,399	19.6	...	...
28.2	105,842	21.3	113,726	27.7	58,211	19.3	57,127	20.4	89,715	29.0	115,618	30.9	48,622	19.2	...	...
28.0	98,289	19.3	112,124	26.7	54,143	17.6	53,693	18.8	90,159	28.4	113,574	29.6	47,514	18.3	...	...
27.4	105,232	20.2	118,954	27.8	57,651	18.4	55,824	19.1	92,657	28.4	118,243	30.1	48,716	18.3	...	...
28.7	114,823	21.6	127,899	29.3	60,236	18.9	58,687	19.6	101,569	30.3	127,160	31.5	48,985	17.9	...	...
25.8	111,265	20.5	129,566	29.1	59,906	18.5	60,959	19.9	102,355	29.8	123,128	29.8	46,222	16.5	...	...
24.8	108,686	19.6	133,910	29.6	55,563	16.8	60,823	19.4	98,324	27.9	119,633	28.3	47,621	16.6	...	...
27.3	115,915	21.0	140,231	29.8	57,857	18.5	58,664	23.4	99,920	27.9	119,997	26.4	42,536	20.5	5,552	3.0
27.5	114,565	20.3	136,959	28.4	57,022	17.8	59,984	23.2	97,268	26.4	119,439	25.4	46,119	21.6	6,085	3.2
27.9	119,492	20.7	141,058	28.6	59,124	18.0	61,291	23.0	98,134	25.9	117,151	24.2	47,226	21.5	6,252	3.2
27.5	119,051	20.2	139,338	27.6	60,006	17.8	62,621	22.9	97,316	25.0	114,703	23.0	43,096	19.1	10,714	5.3

**Table 9.4**  
**NUMBER OF REGISTERED DEATHS AND RATE BY REGION**  
**1970 to 1993**  
**(Rate per 1,000 population)**

Year	Philippines		National Capital Region		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4		Region
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
1970	234,038	6.4	a	0.0	-	-	22,441	7.5	11,211	6.6	23,163	6.2	61,235 <sup>b</sup>	7.4	19,507
1971	250,139	6.6	a	0.0	-	-	24,246	7.9	12,491	7.2	24,021	6.2	66,831 <sup>b</sup>	7.7	22,314
1972	285,761	7.3	a	0.0	-	-	27,260	8.8	14,606	8.2	28,260	7.1	76,256 <sup>b</sup>	8.5	24,108
1973	283,475	7.1	a	0.0	-	-	26,334	8.3	15,768	8.6	26,831	6.5	67,964 <sup>b</sup>	7.3	27,978
1974	283,975	6.9	a	0.0	-	-	26,267	8.1	15,403	8.2	26,830	6.3	71,416 <sup>b</sup>	7.4	24,702
1975	271,136	6.4	a	0.0	-	-	25,008	7.7	14,234	7.4	26,647	6.3	68,239 <sup>b</sup>	6.7	23,311
1976	299,861	6.9	42,003	8.0	-	-	24,972	7.5	14,936	7.5	27,068	6.2	38,385	7.1	25,551
1977	308,904	7.0	49,770	9.1	-	-	25,876	7.6	14,181	7.0	28,190	6.3	38,408	7.0	26,738
1978	297,034	6.5	40,468	7.1	-	-	25,602	7.4	15,151	7.2	27,580	6.0	37,949	6.7	26,114
1979	306,427	6.6	42,888	7.3	-	-	26,718	7.6	15,675	7.3	28,705	6.2	39,898	6.9	25,742
1980	298,006	6.2	42,277	7.1	-	-	25,869	7.3	15,336	6.9	27,901	5.8	37,805	6.2	24,991
1981	301,117	6.1	42,560	6.9	-	-	26,503	7.3	15,321	6.7	28,092	5.7	39,263	6.2	26,016
1982	308,758	6.1	44,833	7.1	-	-	27,378	7.4	15,435	6.6	28,948	5.7	40,927	6.3	26,015
1983	327,260	6.3	45,897	7.0	-	-	28,063	7.5	15,888	6.6	30,504	5.9	43,164	6.4	27,225
1984	313,359	5.9	44,617	6.6	-	-	28,750	7.5	15,290	6.2	29,595	5.6	41,445	6.0	24,531
1985	334,663	6.1	48,704	7.0	-	-	30,346	7.8	15,084	6.0	33,151	6.1	44,758	6.3	25,929
1986	326,749	5.8	44,532	6.2	-	-	29,206	7.3	15,923	6.2	31,686	5.7	45,917	6.3	26,913
1987	335,254	5.8	51,606	7.0	-	-	28,393	7.0	15,274	5.8	31,675	5.5	47,334	6.3	29,820
1988	325,098	5.5	49,470	6.5	-	-	28,340	6.9	14,962	5.5	32,210	5.5	48,631	6.3	25,274
1989	325,621	5.4	50,431	6.5	4,263	3.7	25,112	6.0	13,154	4.7	31,730	5.3	47,058	6.0	25,639
1990	313,890	5.1	49,591	6.1	4,530	3.9	24,461	6.7	12,462	5.2	31,853	5.0	45,116	5.3	22,131
1991	298,063	4.7	50,643	6.1	3,925	3.3	23,227	6.2	11,649	4.7	30,641	4.7	40,808	4.7	21,417
1992	319,579	4.9	52,717	6.2	4,282	3.5	24,509	6.4	12,533	5.0	32,008	4.8	46,227	5.2	23,370
1993	318,546	4.8	52,797	6.1	4,382	3.5	24,977	6.4	12,651	4.9	32,280	4.7	45,577	5.0	22,221

Notes: 1. Prior to 1990 population figures used as denominator were based on the Series 2 population projections using the 1980 CPH as base year.

2. Starting 1990 population figures used as denominator were based in the Series 2 population projections using the 1990 CPH as base year.

a - Included in Region 4.

b - Including Metropolitan Manila Area (National Capital Region).

Source: National Statistics Office.

Table 9.4 (continued)

5	Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12		Autonomous Region for Muslim Mindanao	
	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number
6.6	23,084	6.4	23,327	7.7	15,751	6.6	6,755	3.6	11,726	6.0	11,087	5.0	4,751	2.4	...	...
7.4	25,222	6.9	23,583	7.6	17,978	7.4	6,435	3.3	11,707	5.7	10,852	4.7	4,459	2.2	...	...
7.8	28,973	7.8	28,113	8.9	19,020	7.8	7,412	3.7	13,952	6.6	13,371	5.5	4,430	2.1	...	...
8.9	28,461	7.5	29,418	9.1	19,726	8.0	7,996	3.8	14,041	6.3	12,231	4.8	6,727	3.1	...	...
7.7	29,283	7.6	28,055	8.5	19,511	7.8	8,036	3.7	13,773	6.0	14,918	5.6	5,781	2.6	...	...
7.3	27,587	6.7	26,153	7.7	18,844	7.2	9,544	4.7	13,163	5.7	12,924	4.8	5,482	2.6	...	...
7.9	31,412	7.4	27,646	8.0	20,280	7.7	10,524	5.0	15,504	6.5	14,868	5.3	6,712	3.2	...	...
8.1	31,209	7.1	29,309	8.3	20,681	7.7	8,892	4.2	14,376	5.8	15,062	5.1	6,212	2.9	...	...
7.8	30,912	6.9	26,911	7.4	19,784	7.2	9,702	4.4	14,835	5.9	15,548	5.1	6,478	3.0	...	...
7.6	31,589	6.9	28,100	7.6	20,334	7.3	9,798	4.3	14,586	5.6	16,283	5.2	6,111	2.7	...	...
7.2	31,378	6.9	26,872	7.1	19,073	6.8	9,554	3.8	14,913	5.4	15,736	4.7	6,301	2.8	...	...
7.3	30,697	6.6	26,890	6.9	18,730	6.6	7,984	3.1	15,514	5.4	16,588	4.8	6,959	3.0	...	...
7.1	31,831	6.7	26,373	6.7	19,187	6.6	7,856	2.9	16,176	5.5	16,666	4.7	7,133	3.0	...	...
7.3	33,779	6.9	30,682	7.6	18,958	6.4	9,932	3.6	17,233	5.7	18,180	5.0	7,755	3.1	...	...
6.4	31,888	6.4	27,433	6.7	18,394	6.1	9,614	3.4	16,545	5.3	17,545	4.7	7,712	3.0	...	...
6.6	35,117	6.9	28,612	6.8	19,532	6.4	10,811	3.8	17,330	5.5	17,214	4.5	8,075	3.1	...	...
6.7	32,301	6.2	28,837	6.7	18,018	5.8	10,425	3.6	17,503	5.4	17,864	4.5	7,624	2.9	...	...
7.3	32,959	6.2	28,538	6.5	18,460	5.8	9,786	3.3	16,287	4.9	17,754	4.4	7,368	2.7	...	...
6.0	31,330	5.8	27,604	6.2	17,280	5.3	9,546	3.1	15,708	4.6	17,658	4.3	7,085	2.5	...	...
6.0	32,866	5.9	27,380	6.0	17,747	5.4	9,998	3.2	15,620	4.4	17,613	4.1	7,010	2.4	...	...
5.5	31,161	5.6	28,177	6.0	15,407	4.9	9,309	3.7	15,456	4.3	17,371	3.8	5,494	2.6	1,371	0.7
5.2	29,690	5.3	24,877	5.2	15,361	4.8	7,370	2.8	14,927	4.0	17,340	3.7	5,005	2.3	1,183	0.6
5.6	30,038	5.2	28,524	5.8	16,216	4.9	8,983	3.4	14,390	3.8	18,244	3.8	6,709	3.0	829	0.4
5.2	31,557	5.3	27,170	5.4	15,232	4.5	8,521	3.1	14,958	3.8	18,225	3.7	5,913	2.6	2,085	1.0

**Table 9.5**  
**MORTALITY BY AGE, SEX AND BY REGION**  
**1993**

Age Group	Philippines			National Capital Region			Cordillera Administrative Region		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
All Ages	318,546	129,222	189,324	48,018	19,227	28,791	4,262	1,687	2,575
Under 1 year	34,673	14,499	20,174	7,033	2,903	4,130	438	178	260
1- 4 years	16,853	7,743	9,110	2,566	1,132	1,434	153	64	89
5- 9 years	7,229	3,211	4,018	836	371	465	95	44	51
10-14 years	5,120	2,171	2,949	593	254	339	64	31	33
15-19 years	6,705	2,338	4,367	981	332	649	97	28	69
20-24 years	9,498	2,796	6,702	1,746	423	1,323	154	36	118
25-29 years	10,630	3,228	7,402	2,014	518	1,496	155	43	112
30-34 years	11,171	3,469	7,702	1,957	542	1,415	151	40	111
35-39 years	12,267	3,874	8,393	2,108	630	1,478	164	36	128
40-44 years	12,908	4,105	8,803	2,172	673	1,499	174	64	110
45-49 years	14,268	4,565	9,703	2,341	755	1,586	164	51	113
50-54 years	16,488	5,512	10,976	2,493	832	1,661	202	78	124
55-59 years	18,478	6,243	12,235	2,856	1,005	1,851	242	76	166
60-64 years	21,421	7,796	13,625	3,276	1,271	2,005	324	122	202
65-69 years	22,214	8,715	13,499	3,292	1,324	1,968	325	145	180
70 years & over	97,639	48,515	49,124	11,512	6,168	5,344	1,334	644	690
Not stated	984	442	542	242	94	148	26	7	19

Age Group	Region 6			Region 7			Region 8		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
All Ages	31,650	12,720	18,930	26,990	11,683	15,307	15,375	6,490	8,885
Under 1 year	2,701	1,099	1,602	3,079	1,327	1,752	1,453	636	817
1- 4 years	1,366	602	764	1,522	696	826	1,087	494	593
5- 9 years	681	331	350	618	270	348	491	228	263
10-14 years	444	174	270	438	181	257	319	145	174
15-19 years	664	227	437	500	155	345	318	108	210
20-24 years	817	211	606	627	188	439	389	139	250
25-29 years	995	288	707	694	248	446	470	175	295
30-34 years	1,022	306	716	762	277	485	510	157	353
35-39 years	1,146	356	790	865	285	580	535	191	344
40-44 years	1,272	408	864	953	327	626	529	190	339
45-49 years	1,385	426	959	1,041	354	687	636	223	413
50-54 years	1,674	534	1,140	1,307	494	813	734	267	467
55-59 years	1,883	641	1,242	1,522	581	941	851	279	572
60-64 years	2,070	725	1,345	1,824	752	1,072	1,061	388	673
65-69 years	2,154	856	1,298	1,930	830	1,100	1,107	456	651
70 years & over	11,308	5,507	5,801	9,184	4,656	4,528	4,862	2,403	2,459
Not stated	68	29	39	124	62	62	23	11	12

Source: National Statistics Office.



Table 9.5 (continued)

Region 1			Region 2			Region 3			Region 4			Region 5		
Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
25,272	10,860	14,412	12,780	5,083	7,697	33,335	13,919	19,416	48,402	19,543	28,859	22,385	9,381	13,004
2,447	974	1,473	1,427	591	836	2,850	1,180	1,670	5,819	2,513	3,306	2,550	1,069	1,481
1,087	518	569	759	355	404	1,249	580	669	2,524	1,176	1,348	1,640	773	867
433	182	251	275	112	163	618	251	367	1,107	492	615	616	288	328
323	127	196	226	74	152	553	267	286	789	319	470	483	218	265
429	148	281	331	127	204	663	242	421	959	343	616	561	219	342
570	168	402	392	119	273	898	302	596	1,478	434	1,044	635	259	376
686	217	469	382	106	276	1,014	328	686	1,646	516	1,130	653	239	414
689	220	469	423	139	284	1,075	375	700	1,773	543	1,230	693	271	422
766	232	534	471	160	311	1,218	420	798	1,894	613	1,281	726	261	465
890	281	609	519	166	353	1,294	436	858	1,956	608	1,348	719	262	457
1,047	328	719	534	166	368	1,605	550	1,055	2,155	699	1,456	906	322	584
1,184	391	793	619	189	430	1,774	639	1,135	2,537	839	1,698	1,043	315	728
1,303	425	878	798	263	535	2,032	679	1,353	2,752	918	1,834	1,122	366	756
1,504	532	972	799	254	545	2,420	873	1,547	3,307	1,157	2,150	1,420	513	907
1,754	694	1,060	857	319	538	2,596	969	1,627	3,317	1,253	2,064	1,555	597	958
10,075	5,373	4,702	3,934	1,924	2,010	11,372	5,783	5,589	14,276	7,068	7,208	7,031	3,394	3,637
85	50	35	34	19	15	104	45	59	113	52	61	32	15	17

Region 9			Region 10			Region 11			Region 12			Foreign Countries		
Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
9,278	3,427	5,851	15,054	5,747	9,307	18,181	6,850	11,331	7,466	2,587	4,879	98	18	80
1,028	458	570	1,538	616	922	1,701	693	1,008	609	262	347	-	-	-
619	281	338	869	421	448	1,021	462	559	390	189	201	1	-	1
237	103	134	451	203	248	578	253	325	193	83	110	-	-	-
161	63	98	265	120	145	318	143	175	144	55	89	-	-	-
208	82	126	360	114	246	420	151	269	214	62	152	-	-	-
349	110	239	490	138	352	684	202	482	268	67	201	1	-	1
381	128	253	514	162	352	694	180	514	330	80	250	2	-	2
391	107	284	599	161	438	735	225	510	385	105	280	6	1	5
454	136	318	646	208	438	838	221	617	429	124	305	7	1	6
435	114	321	677	185	492	913	288	625	399	100	299	6	3	3
493	134	359	719	210	509	836	250	586	397	96	301	9	1	8
532	166	366	812	266	546	1,091	360	731	476	141	335	10	1	9
543	175	368	942	306	636	1,133	391	742	489	136	353	10	2	8
620	193	427	1,043	392	651	1,260	466	794	486	158	328	7	-	7
620	220	400	1,033	395	638	1,197	477	720	466	176	290	11	4	7
2,174	945	1,229	4,070	1,836	2,234	4,715	2,064	2,651	1,765	745	1,020	27	5	22
33	12	21	26	14	12	47	24	23	26	8	18	1	-	1

**Table 9.6a**  
**MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES**  
**AND PERCENT OF TOTAL DEATHS, PHILIPPINES**  
**1988 to 1992 and 1993**  
**(Crude death rate per 100,000 population)**

Cause	5 - Year Average (1988 - 1992)			1993		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	42,022	67.8	13.3	35,582	53.1	11.2
2. Diseases of the heart	45,419	73.3	14.4	48,582	69.1	14.5
3. Tuberculosis, all forms	23,356	37.7	7.4	24,580	36.7	7.7
4. Diseases of the vascular system	35,414	57.2	11.2	37,358	55.8	11.7
5. Malignant neoplasms	23,946	38.6	7.6	25,399	37.9	8.0
6. Diarrheal diseases	7,674	12.4	2.4	5,759	8.6	1.8
7. Accidents	11,292	18.2	3.6	13,477	20.1	4.2
8. Nephrotic syndrome & nephrosis	5,137	8.3	1.6	5,510	8.2	1.7
9. Other diseases of the respiratory system	6,804	11.0	2.2	6,955	10.4	2.2
10. Chronic obstructive pulmonary diseases and allied conditions	7,931	12.8	2.5	11,154	16.7	3.5

**Table 9.6b**  
**MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES**  
**AND PERCENT OF TOTAL DEATHS, PHILIPPINES**  
**1989 to 1993 and 1994**  
**(Crude death rate per 100,000 population)**

Cause	5 - Year Average (1989 - 1993)			1994 <sup>a</sup>		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Diseases of the heart	47,023	73.9	14.9	50,307	73.3	15.7
2. Diseases of the vascular system	34,635	54.4	11.0	39,191	57.1	12.2
3. Pneumonias	40,374	63.5	12.8	28,132	41.0	8.8
4. Malignant neoplasms	23,168	36.4	7.4	28,110	41.0	8.7
5. Tuberculosis, all forms	24,271	38.2	7.7	27,292	39.8	8.5
6. Accidents	10,295	16.2	3.3	14,752	21.5	4.6
7. Chronic obstructive pulmonary diseases and allied conditions	7,725	12.1	2.5	11,405	16.6	3.5
8. Diarrheal diseases	6,939	10.9	2.2	6,383	9.3	2.0
9. Other diseases of the respiratory system	6,723	10.6	2.1	8,382	12.2	2.6
10. Diabetes Mellitus	3,195	5.0	1.0	6,105	8.9	1.9

a - Based on projected population = 68,624,247.

Source: Department of Health.

**Table 9.7**  
**REGISTERED INFANT DEATHS BY REGION**  
**1970 to 1993**

Year	Philippines	Region														
		NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	ARMM
1970	57,970	<sup>a</sup>	-	5,103	3,099	5,964	16,904 <sup>b</sup>	4,306	5,008	5,334	2,991	1,840	3,234	2,979	1,208	...
1971	59,730	<sup>a</sup>	-	5,398	3,779	5,972	17,877 <sup>b</sup>	4,841	5,474	5,040	3,201	1,573	3,028	2,528	1,019	...
1972	65,719	<sup>a</sup>	-	5,998	4,029	6,807	19,479 <sup>b</sup>	4,961	6,144	5,637	3,201	1,828	3,446	3,255	934	...
1973	67,862	<sup>a</sup>	-	5,875	4,253	6,593	18,545 <sup>b</sup>	6,336	6,357	6,315	3,550	1,970	3,618	2,964	1,486	...
1974	63,491	<sup>a</sup>	-	5,204	4,022	6,248	17,940 <sup>b</sup>	5,216	6,092	5,565	3,523	1,777	3,300	3,404	1,200	...
1975	65,263	<sup>a</sup>	-	5,372	4,070	6,534	17,668 <sup>b</sup>	5,447	6,320	5,833	4,039	2,202	3,301	3,149	1,328	...
1976	74,792	12,445	-	5,569	4,280	6,894	9,849	5,906	7,796	6,003	4,153	2,499	4,062	3,735	1,601	...
1977	76,330	14,427	-	5,854	3,940	7,027	10,201	6,206	7,172	6,169	4,516	2,120	3,540	3,728	1,430	...
1978	73,640	11,823	-	5,667	4,189	6,798	9,976	6,182	7,299	5,817	4,191	2,416	3,971	3,798	1,513	...
1979	71,772	10,713	-	5,713	4,234	6,563	9,862	5,825	7,194	5,651	4,119	2,450	3,758	4,177	1,513	...
1980	65,700	9,929	-	5,231	3,885	5,979	8,895	5,176	6,555	5,224	3,507	2,325	3,758	3,750	1,486	...
1981	64,415	9,280	-	5,150	3,613	5,622	9,152	5,272	6,426	5,314	3,515	1,853	3,819	3,720	1,679	...
1982	61,665	9,306	-	5,228	3,635	5,596	8,572	5,005	6,158	4,762	3,126	1,673	3,472	3,618	1,514	...
1983	64,267	9,367	-	5,295	3,626	5,519	8,933	5,129	6,447	5,488	3,032	2,208	3,866	3,678	1,679	...
1984	56,897	8,635	-	5,125	3,074	5,289	8,278	4,376	5,320	4,228	2,784	1,919	3,196	3,193	1,480	...
1985	54,613	8,419	-	4,888	3,023	5,078	7,882	4,229	5,221	4,081	2,588	1,987	3,176	2,713	1,328	...
1986	52,263	7,676	-	4,404	3,140	4,718	7,794	4,554	4,581	4,183	2,369	1,809	3,079	2,725	1,231	...
1987	50,803	8,394	-	3,955	2,739	4,472	7,594	4,718	4,496	4,034	2,380	1,647	2,665	2,533	1,176	...
1988	47,187	8,106	-	3,800	2,585	4,179	7,290	3,751	3,936	3,860	2,062	1,526	2,663	2,354	1,075	...
1989	43,026	7,956	490	3,055	2,132	3,854	6,249	3,330	3,716	3,566	1,938	1,493	2,227	2,098	922	...
1990	39,633	7,712	438	2,742	1,771	3,468	6,063	2,749	3,306	3,764	1,567	1,338	1,891	2,035	622	167
1991	34,332	6,636	402	2,488	1,546	3,228	5,473	2,490	2,679	2,774	1,403	944	1,750	1,831	557	131
1992	36,814	7,097	404	2,480	1,577	3,233	6,311	2,737	2,909	3,353	1,558	1,060	1,609	1,835	604	47
1993	34,673	7,033	438	2,447	1,427	2,850	5,819	2,550	2,701	3,079	1,453	914	1,538	1,701	544	179

a - Included in Region 4.

b - Including Metropolitan Manila Area (National Capital Region).

Source: National Statistics Office.

**Table 9.8**  
**INFANT MORTALITY RATE BY REGION**  
**1990 to 1995**

Region	1990	1991 /	1992	1993	1994	1995
Philippines	57	55	54	52	50	49
NCR National Capital Region	46	43	40	38	35	32
CAR Cordillera Administrative Region	63	61	60	58	57	55
1 Ilocos Region	56	54	52	50	48	46
2 Cagayan Valley	62	60	58	57	55	54
3 Central Luzon	45	44	43	42	41	40
4 Southern Tagalog	53	52	50	48	47	45
5 Bicol Region	64	63	62	60	59	58
6 Western Visayas	61	60	59	57	56	55
7 Central Visayas	55	54	52	50	49	47
8 Eastern Visayas	76	74	72	69	67	64
9 Western Mindanao	64	63	62	61	60	59
10 Northern Mindanao	57	57	56	55	54	54
11 Southern Mindanao	56	55	54	53	53	52
12 Central Mindanao	56	56	55	55	54	54
ARMM Autonomous Region for Muslim Mindanao	74	72	70	68	66	63

Source: NSCB Technical Working Group on Maternal and Child Mortality.

**Table 9.9**  
**CHILD MORTALITY RATE BY REGION**  
**1990 to 1995**

Region	1990	1991	1992	1993	1994	1995
Philippines	24	23	22	21	20	19
NCR National Capital Region	17	15	13	11	9	7
CAR Cordillera Administrative Region	29	28	27	26	24	23
1 Ilocos Region	24	22	21	19	18	16
2 Cagayan Valley	28	27	26	25	23	22
3 Central Luzon	17	16	15	14	14	13
4 Southern Tagalog	22	21	19	18	17	16
5 Bicol Region	29	29	28	27	26	26
6 Western Visayas	27	26	26	25	24	23
7 Central Visayas	23	22	21	20	19	18
8 Eastern Visayas	40	38	36	34	32	30
9 Western Mindanao	30	29	28	27	27	26
10 Northern Mindanao	25	24	24	23	23	22
11 Southern Mindanao	24	23	22	22	21	21
12 Central Mindanao	24	24	23	23	22	22
ARMM Autonomous Region for Muslim Mindanao	38	37	35	33	31	30

Source: NSCB Technical Working Group on Maternal and Child Mortality.

**Table 9.10**  
**UNDER FIVE MORTALITY RATE BY REGION**  
**1990 to 1995**

Region	1990	1991	1992	1993	1994	1995
Philippines	80	77	74	72	69	67
NCR National Capital Region	62	57	53	48	43	39
CAR Cordillera Administrative Region	90	88	85	82	80	77
1 Ilocos Region	78	75	71	68	65	61
2 Cagayan Valley	88	85	83	80	77	75
3 Central Luzon	61	59	58	56	54	53
4 Southern Tagalog	74	71	68	66	63	60
5 Bicol Region	91	90	88	86	84	82
6 Western Visayas	86	84	83	81	79	77
7 Central Visayas	77	74	72	69	67	64
8 Eastern Visayas	114	109	105	101	97	93
9 Western Mindanao	91	90	88	86	85	83
10 Northern Mindanao	81	79	78	77	76	75
11 Southern Mindanao	78	77	75	74	73	72
12 Central Mindanao	79	78	77	76	75	74
ARMM Autonomous Region for Muslim Mindanao	110	106	102	99	95	91

Source: NSCB Technical Working Group on Maternal and Child Mortality.

**Table 9.11**  
**MATERNAL MORTALITY RATE BY REGION**  
**1990 to 1995**

Region	1990	1991	1992	1993	1994	1995
Philippines	209	203	197	191	186	180
NCR National Capital Region	170	160	150	139	129	119
CAR Cordillera Administrative Region	222	216	210	204	199	193
1 Ilocos Region	196	189	182	175	168	161
2 Cagayan Valley	219	214	208	202	196	191
3 Central Luzon	190	186	182	178	175	171
4 Southern Tagalog	165	160	155	149	144	139
5 Bicol Region	180	175	169	164	158	166
6 Western Visayas	202	199	195	191	188	184
7 Central Visayas	184	179	174	168	163	158
8 Eastern Visayas	226	219	211	204	197	190
9 Western Mindanao	218	214	211	207	204	200
10 Northern Mindanao	239	236	234	231	228	225
11 Southern Mindanao	172	170	168	165	163	160
12 Central Mindanao	197	195	193	191	189	187
ARMM Autonomous Region for Muslim Mindanao	377	365	354	343	332	320

Source: NSCB Technical Working Group on Maternal and Child Mortality.

**Table 9.12**  
**PROJECTED TOTAL FERTILITY RATES BY SINGLE YEAR INTERVAL BY REGION**  
**1995 to 2005**  
**(Medium Assumption)**

Region	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Philippines	3.76	3.68	3.61	3.53	3.46	3.38	3.30	3.23	3.15	3.08	3.00
NCR National Capital Region	2.31	2.27	2.22	2.18	2.13	2.09	2.04	2.00	1.95	1.91	1.86
CAR Cordillera Administrative Region	4.25	4.17	4.08	4.00	3.92	3.84	3.75	3.67	3.59	3.51	3.42
1 Ilocos Region	3.65	3.58	3.50	3.43	3.36	3.29	3.22	3.15	3.08	3.01	2.94
2 Cagayan Valley	4.11	4.03	3.95	3.87	3.79	3.71	3.63	3.55	3.47	3.39	3.31
3 Central Luzon	3.29	3.23	3.17	3.10	3.04	2.97	2.91	2.84	2.78	2.72	2.65
4 Southern Tagalog	3.41	3.34	3.28	3.21	3.15	3.08	3.01	2.95	2.88	2.81	2.75
5 Bicol Region	5.00	4.90	4.81	4.71	4.61	4.52	4.42	4.32	4.22	4.13	4.03
6 Western Visayas	4.06	3.98	3.90	3.82	3.74	3.66	3.58	3.50	3.43	3.35	3.27
7 Central Visayas	3.90	3.82	3.75	3.67	3.59	3.52	3.44	3.37	3.29	3.22	3.14
8 Eastern Visayas	5.12	5.02	4.93	4.83	4.73	4.63	4.53	4.43	4.33	4.23	4.13
9 Western Mindanao	4.34	4.25	4.17	4.09	4.00	3.92	3.83	3.75	3.66	3.58	3.50
10 Northern Mindanao	4.25	4.17	4.08	4.00	3.92	3.84	3.75	3.67	3.59	3.51	3.42
11 Southern Mindanao	4.17	4.09	4.01	3.93	3.84	3.76	3.68	3.60	3.52	3.44	3.36
12 Central Mindanao	4.40	4.31	4.23	4.14	4.06	3.97	3.88	3.80	3.71	3.63	3.54
ARMM Autonomous Region for Muslim Mindanao	3.87	3.79	3.72	3.64	3.57	3.49	3.42	3.34	3.27	3.19	3.12

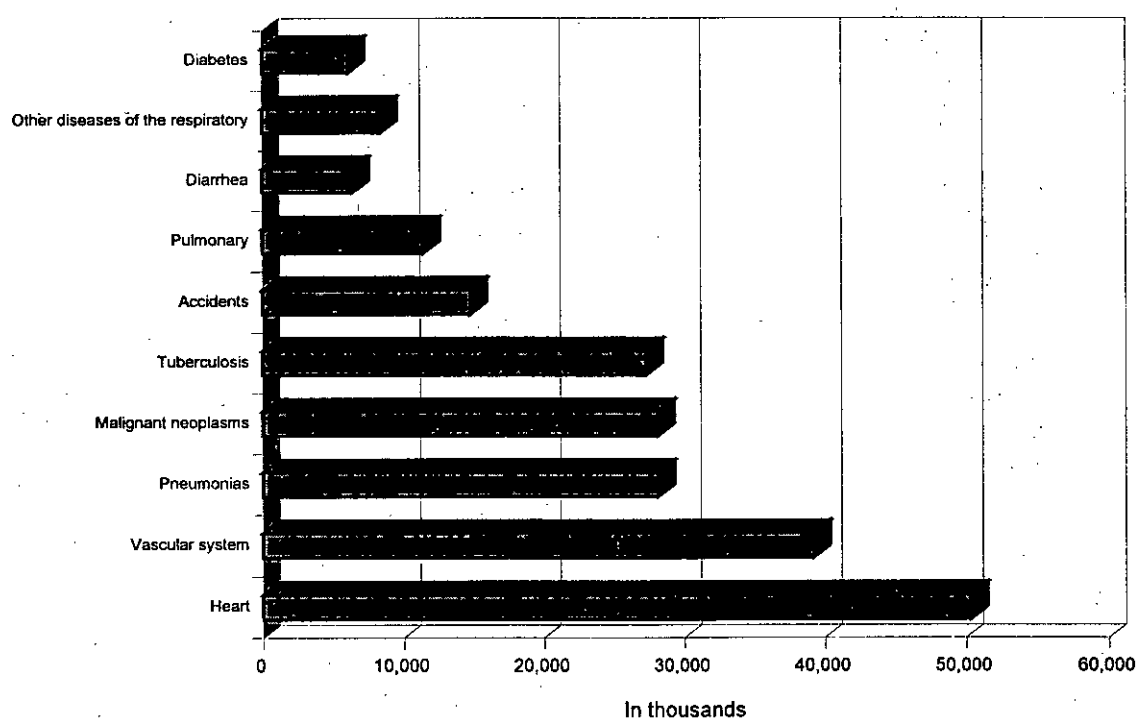
Source: Technical Advisory Group and NSO Population Projections Unit.

**Table 9.13**  
**PROJECTED LIFE EXPECTANCY AT BIRTH BY SEX AND BY REGION**  
**1995 to 2005**  
**(Medium Assumption)**

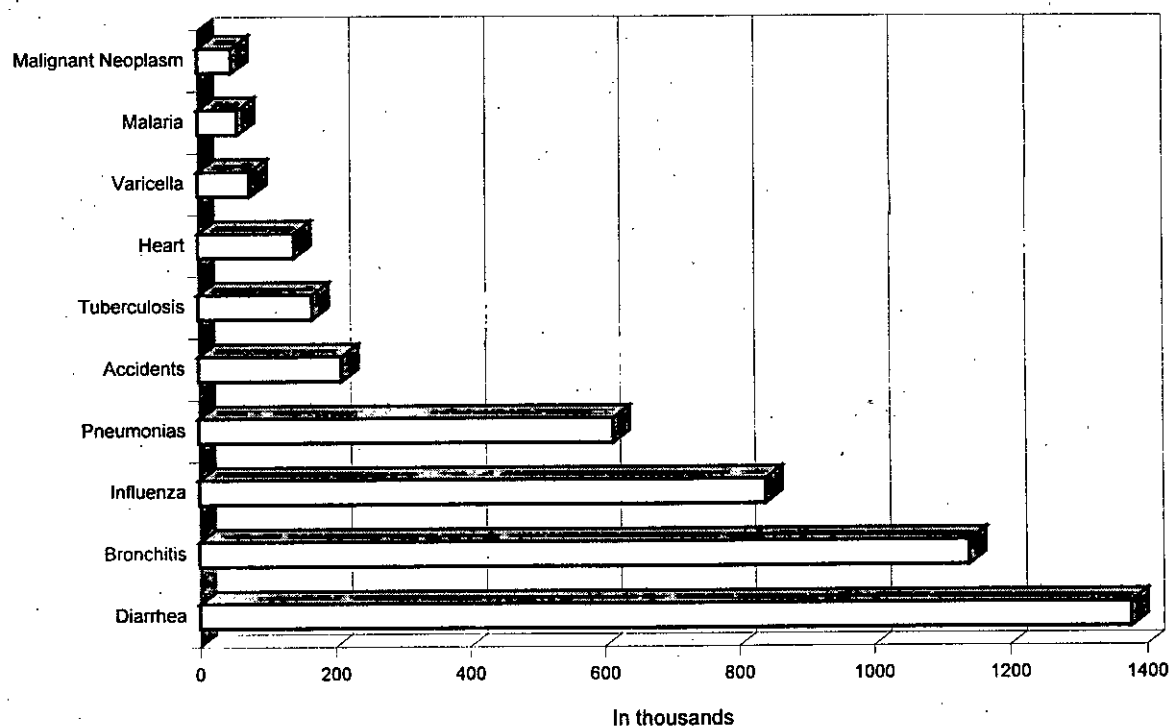
Year	Philippines	Region														
		NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	ARMM
Female																
1995	70.08	70.99	66.88	70.73	67.46	72.02	71.48	69.08	70.46	71.18	65.49	67.82	68.03	68.83	68.01	56.82
1996	70.38	71.26	67.28	71.00	67.81	72.26	71.75	69.43	70.73	71.45	65.92	68.17	68.38	69.18	68.36	57.32
1997	70.68	71.53	67.68	71.27	68.16	72.50	72.02	69.78	71.00	71.72	66.35	68.52	68.73	69.53	68.71	57.82
1998	70.98	71.80	68.08	71.54	68.51	72.74	72.29	70.13	71.27	71.99	66.78	68.87	69.08	69.88	69.06	58.32
1999	71.28	72.07	68.48	71.81	68.86	72.98	72.56	70.48	71.54	72.26	67.21	69.22	69.43	70.23	69.41	58.82
2000	71.58	72.34	68.88	72.08	69.21	73.22	72.83	70.83	71.81	72.53	67.64	69.57	69.78	70.58	69.76	59.32
2001	71.88	72.61	69.28	72.35	69.56	73.46	73.10	71.18	72.08	72.80	68.07	69.92	70.13	70.93	70.11	59.82
2002	72.18	72.88	69.68	72.62	69.91	73.70	73.37	71.53	72.35	73.07	68.50	70.27	70.48	71.28	70.46	60.32
2003	72.48	73.15	70.08	72.89	70.26	73.94	73.64	71.88	72.62	73.34	68.93	70.62	70.83	71.63	70.81	60.82
2004	72.78	73.42	70.48	73.16	70.61	74.18	73.91	72.23	72.89	73.61	69.36	70.97	71.18	71.98	71.16	61.32
2005	73.08	73.69	70.88	73.43	70.96	74.42	74.18	72.58	73.16	73.88	69.79	71.32	71.53	72.33	71.51	61.82
Male																
1995	64.83	66.47	61.17	65.65	64.42	67.06	64.63	64.28	63.80	66.42	61.65	61.70	62.69	63.91	61.87	52.99
1996	65.13	66.74	61.60	65.92	64.72	67.30	64.93	64.58	64.15	66.69	62.05	62.10	63.04	64.26	62.27	53.49
1997	65.43	67.01	62.03	66.19	65.02	67.54	65.23	64.88	64.50	66.96	62.45	62.50	63.39	64.61	62.67	53.99
1998	65.73	67.28	62.46	66.46	65.32	67.78	65.53	65.18	64.85	67.23	62.85	62.90	63.74	64.96	63.07	54.49
1999	66.03	67.55	66.89	66.73	65.62	68.02	65.83	65.48	65.20	67.50	63.25	63.30	64.09	65.31	63.47	54.99
2000	66.33	67.82	63.32	67.00	65.92	68.26	66.13	65.78	65.55	67.77	63.65	63.70	64.44	65.66	63.87	55.49
2001	66.63	68.09	63.75	67.27	66.22	68.50	66.43	66.08	65.90	68.04	64.05	64.10	64.79	66.01	64.27	55.99
2002	66.93	68.36	64.18	67.54	66.52	68.74	66.73	66.38	66.25	68.31	64.45	64.50	65.14	66.36	64.67	56.49
2003	67.23	68.63	64.61	67.81	66.82	68.98	67.03	66.68	66.60	68.58	64.85	64.90	65.49	66.71	65.07	56.99
2004	67.53	68.90	65.04	68.08	67.12	69.22	67.33	66.98	66.95	68.85	65.25	65.30	65.84	67.06	65.47	57.49
2005	67.83	69.17	65.47	68.35	67.42	69.46	67.63	67.28	67.30	69.12	65.65	65.70	66.19	67.41	65.87	57.99

Source: Technical Advisory Group and NSO Population Projections Unit.

**Figure 9.3 TEN LEADING CAUSES OF MORTALITY, PHILIPPINES: 1994**



**Figure 9.4 TEN LEADING CAUSES OF MORBIDITY, PHILIPPINES: 1994**





**Table 9.14**  
**TEN LEADING CAUSES OF INFANT DEATHS, NUMBER AND RATE PER 1,000**  
**LIVE BIRTHS AND PERCENT TO TOTAL DEATHS, PHILIPPINES**  
**1989 to 1994**

Leading Causes of Infant Deaths	5 - Year Average (1989-1993)			1994		
	Number	Rate	Percent of infant deaths to total deaths	Number	Rate	Percent of infant deaths to total deaths
1. Respiratory conditions of fetus and newborn	5,679	3.5	15.1	5,854	3.6	15.5
2. Pneumonias	9,105	5.5	24.2	5,681	3.5	15.1
3. Congenital anomalies	2,104	1.3	5.6	2,890	1.8	7.7
4. Diarrheal diseases	1,680	1.0	4.5	1,927	1.2	5.1
5. Birth injury and difficult labor	1,102	0.7	2.9	1,690	1.0	4.5
6. Septicemia	1,395	0.9	3.7	844	0.5	2.2
7. Meningitis	217	0.1	0.6	533	0.3	1.4
8. Avitaminoses and other nutritional deficiency	1,087	0.7	2.9	530	0.3	1.4
9. Other diseases of respiratory system	370	0.2	1.0	439	0.3	1.2
10. Measles	814	0.5	2.2	348	0.2	0.9

Note: Livebirths 1994 based on NSO preliminary data.  
Source: Department of Health.

**Table 9.15**  
**TEN LEADING CAUSES OF MORBIDITY, NUMBER AND CRUDE RATES: PHILIPPINES**  
**1989 to 1994**  
**(Rate per 100,000 population)**

Leading Causes of Morbidity	5-Year Average (1989-1993)		1994	
	Number	Rate	Number	Rate
1. Diarrheal diseases	1,011,922	1,590.6	1,376,669	2,006.1
2. Bronchitis	887,935	1,395.7	1,140,366	1,661.8
3. Influenza	440,229	692.0	839,683	1,223.6
4. Pneumonias	281,263	442.1	614,353	895.2
5. Accidents	128,866	202.6	211,092	307.6
6. Tuberculosis, all forms	156,456	245.9	167,763	244.5
7. Diseases of the heart	87,786	138.0	141,295	205.9
8. Varicella	35,302	55.5	76,526	111.5
9. Malaria	67,612	106.3	58,627	85.4
10. Malignant Neoplasm	33,740	53.0	49,531	72.2

Source: Department of Health.

**Table 9.16**  
**NOTIFIABLE DISEASES AND DEATHS BY CAUSE, PHILIPPINES**  
**1985 to 1994**

Notifiable Diseases	1985		1986		1987		1988	
	Reported		Reported		Reported		Reported	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cholera	10	1	0	0	0	0	0	0
Typhoid & Paratyphoid fever and other salmonella infections	15,706	1,071	13,764	1,024	15,290	1,121	15,830	1,356
Diarrheas	522,762	11,516	538,849	9,815	591,858	9,468	624,355	9,155
Tuberculosis	151,028	31,650	153,129	30,604	163,740	28,697	183,113	27,020
Leprosy	2,090	124	1,815	81	1,766	63	1,661	86
Diphtheria	1,669	316	1,630	261	1,443	245	1,202	186
Whooping Cough	19,628	45	16,139	31	8,856	26	7,814	14
Tetanus	3,474	1,033	3,381	1,034	2,910	1,026	3,199	1,069
Acute Poliomyelitis	557	61	375	45	327	43	344	40
Varicella	3,844	10	3,121	4	6,336	15	6,767	12
Measles	62,959	8,043	59,375	6,249	81,896	12,431	70,801	7,775
H-Fever	2,096	210	1,623	191	1,696	243	2,821	300
Infectious Hepatitis	16,022	607	14,523	728	16,084	817	16,125	825
Malaria	121,975	1,166	124,153	1,156	121,097	1,226	114,679	1,176
Syphilis	91	9	69	8	62	9	99	9
Gonococcal Infections	15,329	0	11,731	0	11,361	0	8,342	0
Schistosomiasis	9,764	416	11,074	281	13,892	288	12,273	301
Filariasis	259	2	300	1	351	0	290	0
Malignant Neoplasms	24,270	18,143	26,985	18,395	27,195	20,367	28,940	21,184
Bronchitis	586,427	2,078	602,851	1,985	642,777	1,814	759,511	1,438
Pneumonias	205,387	52,888	190,208	50,621	183,143	52,700	201,902	47,444
Influenza	447,550	1,400	397,715	1,221	495,161	1,151	576,404	791
Accidents	96,684	10,070	105,886	10,348	114,445	11,630	110,805	11,456
Diseases of the Heart	70,238	36,242	78,516	39,163	79,214	38,840	76,221	40,566
AIDS								

Source: Department of Health.

Table 9.16 (continued)

1989		1990		1991		1992		1993		1994	
Reported		Reported		Reported		Reported		Reported		Reported	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
0	0	0	0	1,263	97	1,402	176	1,988	107	1,807	289
17,794	1,233	15,720	1,045	13,844	1,076	16,497	962	19,609	1,120	20,946	1,207
741,733	6,893	927,860	6,396	984,713	4,552	1,045,615	4,799	1,337,449	4,510	1,376,669	6,886
206,508	26,300	152,688	24,307	123,281	22,814	136,981	20,132	159,049	24,580	167,763	27,292
4,228	95	2,827	65	2,028	68	1,887	50	2,430	99	2,658	88
1,297	117	921	115	1,028	62	680	62	867	56	1,053	51
9,466	12	4,135	9	4,829	9	3,792	8	5,628	4	5,900	9
3,102	1,040	2,286	989	2,312	1,022	2,216	892	2,778	1,008	2,908	810
335	32	98	23	362	14	444	22	600	34	408	38
16,931	23	33,177	20	42,909	12	62,327	29	71,317	29	76,526	71
68,496	6,734	42,938	3,499	35,582	2,228	54,570	3,193	85,345	2,989	48,606	1,024
2,240	199	4,836	363	11,317	401	9,108	441	21,146	530	22,198	464
14,761	850	14,709	936	12,972	401	14,269	826	22,634	1,034	16,942	1,067
125,114	989	73,625	913	48,761	924	46,614	864	49,506	811	58,627	786
99	9	151	3	232	2	60	8	136	6	232	4
8,635	0	6,374	0	4,112	2	198	0	2,158	0	2,876	2
25,699	273	14,781	272	26,702	249	9,194	235	12,393	258	12,689	275
188	1	286	1	1,026	2	1,423	2	1,546	3	1,450	2
33,777	21,933	33,702	21,979	34,584	22,307	36,550	20,176	40,155	25,216	49,531	28,110
893,550	1,105	980,557	1,008	891,562	562	770,396	378	903,508	253	1,740,366	226
232,056	46,268	235,947	41,181	275,513	36,705	401,025	36,626	470,574	35,582	614,353	28,132
773,802	770	544,768	605	462,915	496	510,190	401	609,471	455	839,683	404
150,257	11,753	133,737	12,002	63,028	123	135,247	63	162,087	13,477	211,092	14,752
98,813	44,856	99,688	46,332	63,815	8,100	71,027	7,391	111,874	48,582	141,295	50,307
				71	0	64	10	42	11	84	29

Table 9.17

**GOVERNMENT AND PRIVATE HOSPITALS, NUMBER AND BED CAPACITY, PHILIPPINES**  
**FY 1963-64 to CY 1997**

Year	Number of Hospitals			Bed Capacity			Bed capacity per 10,000 population
	Total	Government	Private	Total	Government	Private	
1963-64	374	136 <sup>a</sup>	238 <sup>c</sup>	26,600	15,400	11,200	8.7
1968-69	799	318 <sup>b</sup>	481	53,793	34,342	19,451	15.1
1969-70	650	220	430	40,289	19,725	20,564	11.0
1970-71	640	209	431	41,153	20,400	20,753	10.9
1971-72	693	244	449	43,124	21,700	21,424	11.1
1972-73	768	254	514	45,986	22,325	23,661	11.5
1973-74	845	275	570	65,045	39,451	25,594	15.8
1975	969	363	606	69,774	41,692	28,082	16.5
1976	1,036	366	670	75,600	44,525	31,075	17.6
1977	1,149	372	777	79,621	45,161	34,460	17.8
1978	1,213	376	837	81,646	45,517	36,129	17.9
1979	1,483	395	1,088	72,035	31,774	40,261	18.0
1980	1,607	413	1,194	81,796	39,445	42,351	18.2
1981	1,599	487	1,112	74,006	41,292	32,714	13.0
1982	1,713	519	1,194	88,250	48,199	40,051	17.5
1983	1,705	526	1,179	85,050	46,095	38,955	16.3
1984	1,839	612	1,227	90,279	47,861	42,418	16.9
1985	1,814	624	1,190	89,508	48,395	41,113	15.5
1986	1,846	617	1,229	88,440	48,690	39,750	15.9
1987	1,754	581	1,173	86,821	46,330	40,491	15.1
1988	1,782	596	1,186	88,176	47,701	40,475	15.0
1989	1,767	597	1,170	89,280	50,934	38,346	14.9
1990	1,733	598	1,135	87,133	49,273	37,860	14.0
1991	1,663	562	1,101	81,647	46,338	35,309	12.8
1992	1,742	639	1,103	89,822	53,023	36,799	13.7
1993	1,632	537	1,095	71,865	35,629	36,236	10.7
1994	1,571	503	1,068	75,099	38,696	36,403	10.9
1995	1,700	589	1,111	80,800	43,229	37,571	11.8
1996	1,738	600	1,138	81,789	43,582	38,207	11.7
1997	1,817	645	1,172	81,905	42,070	39,835	11.4

a - Excludes the Philippine General Hospital, Veterans Memorial Hospital and V. Luna Medical Center for years 1960-64.

b - Includes hospitals and medical centers under the administration of the Office of the President Department of National Defense and Bureau of Disease Control.

c - Data are for reporting hospitals only 185 of 238 Private hospitals reported in the 1964 Survey of Hospitals.

Source: Department of Health.

**Table 9.18**  
**COMPARISON OF MEAN ONE-DAY PER CAPITA FOOD CONSUMPTION, PHILIPPINES**  
**1987 and 1993**

Food Group	Consumption (Raw, as purchased) in grams <sup>1</sup>		% Increase/ (Decrease) from 1987 to 1993
	1987	1993	
Cereals and cereal products	345.0	340.0	(1.4)
Starchy roots and tubers	22.0	17.0	(22.7)
Sugars and syrups	24.0	19.0	(20.8)
Fats and oils	14.0	12.0	(14.3)
Fish, meat and poultry	157.0	147.0	(6.4)
Eggs	10.0	12.0	20.0
Milk and milk products	43.0	44.0	2.3
Dried beans, nuts and seeds	10.0	10.0	-
Vegetables	111.0	106.0	(4.5)
Fruits	107.0	77.0	(28.0)
Miscellaneous	26.0	19.0	(26.9)

1 - As available in the kitchen including edible and inedible wastage.

Sources: National Nutrition Surveys, Philippines, 1987 and 1993.

Food and Nutrition Research Institute, Department of Science and Technology.

**Table 9.19**  
**COMPARISON OF MEAN ONE-DAY PER CAPITA NUTRIENT INTAKE, PHILIPPINES**  
**1987 and 1993**

Nutrient	1987	1993	% Increase/ (Decrease) from 1987 to 1993
Energy (kcal)	1,753.0	1,684.0	(3.9)
Protein (g)	49.7	49.9	0.4
Iron (mg)	10.7	10.1	(5.6)
Calcium (g)	0.4	0.4	(7.1)
Thiamine (mg)	0.7	0.7	(1.5)
Riboflavin (mg)	0.6	0.6	0.0
Niacin (mg)	16.3	16.1	(1.2)
Ascorbic Acid (mg)	53.6	46.7	(12.9)
Fat (g)	30.0	28.0	(6.7)
Carbohydrates (g)	313.0	302.0	(3.5)
Retinol Equivalent (mcg)	389.7	391.9	0.6

Sources: National Nutrition Surveys, Philippines, 1987 and 1993.

Food and Nutrition Research Institute, Department of Science and Technology.

**Table 9.20**  
**SERVICE DELIVERY PERFORMANCE ON FAMILY PLANNING OF THE DEPARTMENT OF**  
**HEALTH, NON-GOVERNMENT AND OTHER GOVERNMENT ORGANIZATIONS**  
**1996 to 1997**

Agency	1996			1997		
	New Acceptors	Continuous Users	Number of Outlets	New Acceptors	Continuous Users	Number of Outlets
Total	614,693	1,991,182	15,030	898,220	2,710,238	105,830
Family Planning Organization of the Philippines	NO REPORT			17,103	102,999	...
Integrated Maternal & Child Care Services and Development, Inc.	7,935	14,545	...	7,001	5,520	80
Institute of Maternal and Child Health	13,414	62,425	91	13,199	87,998	106
Reproductive Health Care Center, UP-PGH	1,704	4,526	1	NO REPORT		
Philippine Center for Population and Development	1,369	12,254	59	2,307	16,661	91
Philippine Federation for Natural Family Planning	NO REPORT			NO REPORT		29
Province of Laguna	1,078	4,466	17	1,241	3,847	17
Family Planning, AFP, DND	54	385	19	NO REPORT		
Comprehensive Family Planning Center, Jose Fabella Memorial Hospital	6,649	15,914	1	...	...	...
Family Planning Service, DOH	582,416	1,876,544	14,839	856,446	2,489,546	...
Philippine Rural Reconstruction Movement	NO REPORT			631	3,331	105,501
PNGO - Strengt. Project	NO REPORT			NO REPORT		
Gabriela Commission on Women's Health	NO REPORT			NO REPORT		
Womens Health Care Foundation, Inc.	NO REPORT			292	336	6
Likhaan	74	123	3	NO REPORT		

Notes: 1. PCPD report does not reflect the method mix.  
2. Some agencies did not report its present clinic manpower complement.  
3. FROP REPORT is from January to June 1997 and does not reflect the method mix.  
4. IMCCSDI does not reflect the method mix.

Source: Department of Health.

**Table 9.21**  
**NUMBER OF HOSPITALS BY TYPE, BY REGION**  
**1984 to 1997**

Year	Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
1984	1,839	188	...	150	121	186	250	152	90	93	74	84	156	199	96	-	-
1985	1,815	184	...	145	121	187	236	155	84	97	73	86	157	194	96	-	-
1986	1,754	176	...	145	109	176	223	151	79	98	79	85	151	196	86	-	-
1987	1,799	178	...	145	109	176	224	152	79	98	79	85	151	194	129	-	-
1988																	
Total	1,782	177	...	141	106	177	236	147	81	96	75	81	147	194	124	-	-
Public	596	41	...	47	49	51	85	44	50	43	49	38	46	27	26	-	-
Private	1,186	136	...	94	57	126	151	103	31	53	26	43	101	167	98	-	-
1989																	
Total	1,767	172	67	91	78	176	235	146	82	95	72	84	149	195	125	-	-
Public	597	38	31	32	34	52	83	44	50	43	49	38	46	31	26	-	-
Private	1,170	134	36	59	44	124	152	102	32	52	23	46	103	164	99	-	-
1990																	
Total	1,733	172	67	98	79	175	226	138	80	92	72	84	142	186	122	-	-
Public	598	38	31	32	35	53	83	44	49	41	49	38	46	33	26	-	-
Private	1,135	134	36	66	44	122	143	94	31	51	23	46	96	153	96	-	-
1991																	
Total	1,663	155	63	96	77	165	187	138	80	90	73	86	147	188	118	-	-
Public	562	39	31	30	35	51	58	44	50	41	48	37	43	30	25	-	-
Private	1,101	116	32	66	42	114	129	94	30	49	25	49	104	158	93	-	-
1992																	
Total	1,742	162	63	99	83	168	253	142	91	91	75	76	90	204	119	-	26
Public	639	39	31	32	38	54	101	48	50	42	49	27	45	42	19	-	22
Private	1,103	123	32	67	45	114	152	94	41	49	26	49	45	162	100	-	4
1993																	
Total	1,632	143	57	96	79	159	217	136	80	86	69	72	137	195	77	-	29
Public	537	30	29	30	35	46	72	44	48	40	45	23	37	31	9	-	18
Private	1,095	113	28	66	44	113	145	92	32	46	24	49	100	164	68	-	11
1994																	
Total	1,571	156	39	101	82	169	212	141	81	92	71	70	75	174	80	-	28
Public	503	34	15	31	36	49	72	48	49	43	45	20	15	22	8	-	16
Private	1,068	122	24	70	46	120	140	93	32	49	26	50	60	152	72	-	12
1995																	
Total	1,700	168	56	107	77	159	249	139	80	94	74	80	92	169	87	40	29
Public	589	42	28	34	36	45	93	48	50	44	48	30	19	24	13	16	19
Private	1,111	126	28	73	41	114	156	91	30	50	26	50	73	145	74	24	10
1996																	
Total	1,738	169	58	111	80	172	247	139	83	95	72	78	100	175	87	41	31
Public	600	42	29	35	36	48	87	47	55	45	45	28	22	29	15	16	21
Private	1,138	127	29	76	44	124	160	92	28	50	27	50	78	146	72	25	10
1997																	
Total	1,817	173	61	114	81	178	268	136	86	96	76	83	100	187	93	65	20
Public	645	43	32	36	38	47	97	47	56	51	48	28	23	33	18	33	15
Private	1,172	130	29	78	43	131	171	89	30	45	28	55	77	154	75	32	5

Note: Region 13 is Caraga.  
Source: Department of Health.

**Table 9.22**  
**NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS**  
**AND OTHER MEDICAL PRACTITIONERS BY REGION**  
**1985 to 1997**

Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
1985																
Doctors	6,969	1,555	-	850	500	774	1,016	531	582	563	538	346	486	440	343	-
Dentists	1,072	74	-	107	80	98	168	81	83	74	91	52	86	107	45	-
Nurses	8,807	1,617	-	1,051	686	868	1,302	686	834	780	693	476	594	451	386	-
Midwives	9,686	106	-	1,014	641	996	1,112	743	926	929	738	589	692	662	644	-
1986																
Doctors	7,083	1,734	-	856	503	777	1,040	544	601	570	549	362	479	449	353	-
Dentists	1,046	74	-	106	79	93	154	81	82	70	91	52	85	106	47	-
Nurses	9,015	1,597	-	1,035	692	883	1,315	710	866	796	718	517	606	471	406	-
Midwives	9,682	107	-	1,014	641	992	1,112	743	926	929	738	589	692	662	644	-
1987																
Doctors	7,083	1,734	-	856	503	777	1,040	544	601	570	549	362	479	449	353	-
Dentists	1,046	74	-	106	79	93	154	81	82	70	91	52	85	106	47	-
Nurses	9,015	1,597	-	1,035	692	883	1,315	710	866	796	718	517	606	471	406	-
Midwives	9,682	107	-	1,014	641	992	1,112	743	926	929	738	589	692	662	644	-
1988																
Doctors	7,217	1,920	-	871	523	798	987	561	645	596	558	401	505	403	369	-
Dentists	1,060	105	-	108	81	110	156	82	90	85	92	57	43	106	50	-
Nurses	10,071	2,095	-	1,138	777	1,041	1,310	737	962	922	857	582	678	603	464	-
Midwives	9,976	331	-	1,084	654	1,007	1,128	778	985	872	746	618	776	678	650	-
1989																
Doctors	7,437	2,109	-	892	539	810	1,037	578	659	604	582	413	523	423	377	-
Dentists	1,054	109	-	108	81	110	156	82	91	78	92	57	43	106	50	-
Nurses	10,048	2,122	-	1,138	777	1,041	1,310	737	962	899	857	582	678	603	464	-
Midwives	10,037	330	-	1,084	654	1,007	1,128	778	985	933	746	618	776	678	650	-
1990																
Doctors	7,431	736	337	575	362	810	1,003	567	640	340	467	333	491	451	319	-
Dentists	1,550	463	44	81	62	107	157	86	84	69	93	57	94	102	51	-
Nurses	10,270	618	576	738	588	1,006	1,263	753	956	633	839	567	709	539	485	-
Midwives	11,604	993	492	816	587	1,137	1,155	778	994	946	808	612	949	682	655	-
1991																
Doctors	7,328	668	331	562	388	810	1,002	572	640	342	470	337	480	444	282	-
Dentists	1,523	430	42	74	65	107	158	87	84	69	94	58	92	108	55	-
Nurses	10,117	632	558	665	576	1,007	1,260	756	956	633	814	585	717	523	435	-
Midwives	12,408	1,051	550	824	556	1,176	1,455	790	994	946	813	716	1,005	677	855	-
1992																
Doctors	7,107	598	353	479	293	810	1,063	594	475	342	455	306	480	465	293	- 101
Dentists	1,614	395	47	109	59	107	160	97	103	69	84	94	75	109	45	- 61
Nurses	14,853	5,417	573	683	425	1,016	1,360	786	786	633	769	480	717	582	409	- 217
Midwives	12,339	775	579	993	559	1,187	1,157	790	1,275	946	763	498	1,005	682	702	- 428



Table 9.22 (continued)

	Philippines	NCR <sup>a</sup>	CAR	1 <sup>b</sup>	2 <sup>b</sup>	3 <sup>b</sup>	4 <sup>b</sup>	5 <sup>b</sup>	6 <sup>b</sup>	7	8 <sup>b</sup>	9 <sup>b</sup>	10	11	12 <sup>b</sup>	13	ARMM
1993																	
Doctors	6,294	619	-	479	319	596	2,036	569	507	383	482	301	442	-	180	-	-
Dentists	1,421	474	-	109	475	78	320	76	74	50	86	43	85	-	25	-	-
Nurses	8,222	627	-	627	50	789	2,725	765	648	582	796	471	524	-	245	-	-
Midwives	9,812	1,019	-	993	510	1,006	2,322	754	926	927	772	489	746	-	367	-	-
	Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
1994																	
Doctors	2,486	127	172	165	99	215	274	124	240	281	161	138	126	253	111	-	-
Dentists	105	17	15	5	6	6	9	5	9	8	4	6	4	6	5	-	-
Nurses	2,721	113	166	177	135	215	207	158	332	368	166	142	208	223	111	-	-
Midwives	84	34	8	6	6	4	3	4	5	2	1	3	3	4	1	-	-
1995																	
Doctors	2,029	240	13	125	249	191	320	123	137	226	70	88	94	36	22	40	55
Dentists	1,071	182	8	63	93	64	309	51	46	69	20	38	44	29	10	27	18
Nurses	2,694	242	25	153	334	232	281	200	206	381	85	164	150	50	44	60	87
Midwives	10,898	453	146	746	1,548	1,033	1,209	686	998	1,369	257	577	682	321	188	258	427
1996																	
Doctors	3,119	675	310	351	148	291	298	134	228	252	36	83	70	122	55	66	<sup>a</sup>
Dentists	1,668	525	40	98	61	201	206	65	110	111	22	39	39	80	21	50	<sup>a</sup>
Nurses	5,653	685	488	1,473	271	436	500	250	381	406	53	174	114	200	103	119	<sup>a</sup>
Midwives	13,750	1,102	654	974	863	1,158	1,919	956	1,570	1,306	243	680	642	861	302	520	<sup>a</sup>
1997																	
Doctors	2,582	478	76	100	147	116	500	133	213	249	107	79	76	67	76	76	89
Dentists	1,370	321	35	47	63	60	250	66	118	107	69	43	52	28	31	52	28
Nurses	4,096	504	159	178	282	178	760	241	351	439	168	182	107	92	159	147	149
Midwives	13,275	743	589	545	820	607	2,202	871	1,541	1,389	675	686	629	344	624	608	402

Notes: 1997 data for CAR is incomplete.  
Region 13 is Caraga.

a - Combination of retained at the RHO and devolved health personnel in the LGUs.

b - Devolved/absorbed health personnel by the LGUs.

Source: Department of Health.

**Table 9.23**  
**NUMBER OF BARANGAY HEALTH STATIONS**  
**1981 to 1997**

Year	Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
1981	7,991	50	-	830	499	1,005	1,188	658	805	732	533	150	550	608	383	-	-
1982	7,991	50	-	830	499	1,005	1,188	658	805	732	533	150	550	608	383	-	-
1983	7,991	50	-	830	499	1,005	1,188	658	805	732	533	150	550	608	383	-	-
1984	7,991	50	-	830	499	1,005	1,188	658	805	732	533	150	550	608	383	-	-
1985	7,991	50	-	830	499	1,005	1,188	658	805	732	533	150	550	608	383	-	-
1986	8,844	16	-	964	499	1,393	1,182	714	932	672	574	312	535	564	487	-	-
1987	9,329	28	-	920	576	1,306	1,340	749	860	871	570	377	608	576	548	-	-
1988	9,184	17	-	912	553	1,211	1,383	757	877	922	605	381	619	597	350	-	-
1989	9,499	19	354	748	458	1,114	1,413	759	998	949	570	382	619	664	452	-	-
1990	10,151	8	348	752	482	1,265	1,514	772	1,122	997	594	499	669	664	465	-	-
1991	10,683	10	353	752	517	1,402	1,536	816	1,271	948	600	541	729	714	494	-	-
1992	11,423	7	417	827	554	1,301	1,538	861	1,222	948	663	460	827	757	362	-	679
1993	11,072	2	460	813	544	1,181	1,324	742	1,274	983	708	612	807	815	428	-	379
1994	11,498	2	496	819	544	1,203	1,463	742	1,282	1,099	718	617	831	822	508	-	352
1995	11,294	2	516	819	544	1,206	1,486	742	1,277	1,099	718	615	526	793	524	427	352
1996	16,598	-	873	1,267	725	1,901	2,544	1,130	1,811	1,407	911	783	771	1,167	731	577	492
1997	12,744	6	510	1,308	717	1,554	1,952	884	1,298	1,101	263	637	728	763	570	453	352

Note: Region 13 is Caraga.  
Source: Department of Health.

**Table 9.24**  
**NUMBER OF RURAL HEALTH UNITS**  
**1981 to 1997**

Year	Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
1981	1,991	324	-	205	116	179	254	115	127	138	150	87	124	82	90	-	-
1982	1,991	324	-	205	116	179	254	115	127	138	150	87	124	82	90	-	-
1983	1,991	324	-	205	116	179	254	115	127	138	150	87	124	82	90	-	-
1984	1,991	324	-	205	116	179	254	115	127	138	150	87	124	82	90	-	-
1985	1,991	324	-	205	116	179	254	115	127	138	150	87	124	82	90	-	-
1986	1,962	330	-	194	118	208	227	117	127	132	146	102	120	84	57	-	-
1987	1,963	186	-	199	123	206	270	115	133	182	146	112	126	86	79	-	-
1988	2,072	255	-	191	124	206	272	125	137	177	160	116	126	86	97	-	-
1989	2,073	255	84	128	98	193	276	125	145	159	160	124	126	99	101	-	-
1990	2,295	348	81	144	98	239	275	126	146	159	161	120	126	99	173	-	-
1991	2,299	360	85	144	98	236	275	124	164	200	164	125	123	102	99	-	-
1992	2,222	359	85	144	98	239	275	127	161	200	165	95	124	101	49	-	163
1993	2,236	361	94	145	98	243	279	126	143	202	155	98	133	106	53	-	91
1994	2,278	366	96	147	98	252	285	129	144	202	159	99	141	106	54	-	90
1995	2,245	366	96	147	98	252	292	129	144	155	159	99	80	94	54	80	90
1996	2,747	373	114	173	118	306	319	158	178	174	199	117	117	124	77	100	109
1997	2,315	366	96	147	98	252	292	129	144	222	159	102	80	94	54	80	90

Note: Region 13 is Caraga.  
Source: Department of Health.

**Table 9.25**  
**NUMBER OF ESTABLISHMENTS INVOLVED IN FOOD AND DRUG PRODUCTION**  
**BY REGION**  
**1995 to 1997**

Classification	Total	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1995	11,854	4,100	81	421	433	384	1,569	507	358	746	457	693	441	798	866	-
Drug Manufacturer	244	162	0	3	3	13	25	0	8	17	2	2	1	7	1	-
Cosmentic Laboratory	228	176	0	0	0	7	30	0	4	7	0	0	0	4	0	-
Drug Trader	386	342	0	4	0	8	16	0	5	5	0	4	1	1	0	-
Cosmetic Trader	90	89	0	0	0	0	1	0	0	0	0	0	0	0	0	-
Food Establishment	10,606	3,121	81	412	426	348	1,463	507	341	699	452	686	436	772	862	-
Household/Hazardous	253	177	0	2	4	8	28	0	0	13	1	1	3	13	3	-
Drug Distributor/Importer/ Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Medical Device Distributor/Import/ Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Cosmetic Distributor/Importer Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Medical Device Manufacturer	36	22	0	0	0	0	6	0	0	5	2	0	0	1	0	-
Medical Device Trader	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	-
1996	11,812	3,817	82	448	460	404	1,604	526	381	797	459	713	419	824	872	6
Drug Manufacturer	248	164	0	4	3	12	26	0	9	19	1	2	1	6	1	0
Cosmentic Laboratory	240	182	0	0	0	10	33	0	5	7	0	0	0	3	0	0
Drug Trader	398	355	0	3	0	8	17	0	4	6	0	4	1	0	0	0
Cosmetic Trader	102	97	0	0	1	0	2	0	0	0	0	0	1	1	0	0
Food Establishment	10,511	2,805	82	439	452	365	1,484	526	363	748	455	707	413	798	868	6
Household/Hazardous	265	182	0	2	4	8	35	0	0	12	1	0	3	15	3	0
Drug Distributor/Importer/ Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical Device Distributor/Import/ Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cosmetic Distributor/Importer Exporter/Wholesaler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medical Device Manufacturer	36	20	0	0	0	1	7	0	0	5	2	0	0	1	0	0
Medical Device Trader	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	11,993	3,654	93	449	494	429	1,656	552	391	855	477	751	424	884	877	7
Drug Manufacturer	249	164	0	4	1	13	26	0	6	20	1	3	2	8	1	0
Cosmentic Manufacturer	244	178	0	0	0	12	38	0	5	7	0	1	0	3	0	0
Medical Device Manufacturer	35	22	0	0	0	1	6	0	0	3	2	0	0	1	0	0
Drug Trader	419	373	0	4	0	7	19	0	4	7	0	4	1	0	0	0
Cosmetic Trader	115	109	0	0	1	0	3	0	0	0	0	0	1	1	0	0
Medical Device Trader	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Household/Hazardous Substances	282	190	0	2	5	11	39	0	0	12	1	0	3	16	3	0
Food Establishment	10,637	2,606	93	439	487	385	1,525	552	376	806	473	743	417	855	873	7

Note: Region 13 is Caraga.

Source: Bureau of Food and Drug Administration.

**Table 9.26**  
**NUMBER OF ESTABLISHMENTS INVOLVED IN THE DISTRIBUTION OF FOOD AND DRUGS**  
**BY REGION**  
**1994 to 1997**

Classification	Total	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>1994</b>	<b>11,516</b>	<b>3,409</b>	<b>170</b>	<b>506</b>	<b>367</b>	<b>1,153</b>	<b>1,503</b>	<b>359</b>	<b>712</b>	<b>964</b>	<b>343</b>	<b>317</b>	<b>633</b>	<b>553</b>	<b>527</b>	<b>-</b>
Retail Drugstores	8,375	1,942	118	418	266	965	1,257	261	570	753	255	261	491	373	445	-
Drug Distributors Cosmetics and Medical Device	1,378	744	18	41	58	46	67	28	62	106	36	17	50	81	24	-
Hospital Pharmacies	1,164	158	33	46	41	139	174	68	79	93	51	39	92	96	55	-
Chinese Drugstores	33	25	0	0	0	0	0	1	1	2	0	0	0	1	3	-
Exporters	55	52	0	0	0	0	1	1	0	1	0	0	0	0	0	-
Food Importers	432	416	1	0	0	2	3	0	0	8	1	0	0	1	0	-
Household Hazardous	79	72	0	1	2	1	1	0	0	1	0	0	0	1	0	-
Temporary Permit Drugstores	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
<b>1995</b>	<b>12,595</b>	<b>3,823</b>	<b>159</b>	<b>565</b>	<b>459</b>	<b>1,095</b>	<b>1,544</b>	<b>413</b>	<b>741</b>	<b>945</b>	<b>374</b>	<b>378</b>	<b>496</b>	<b>812</b>	<b>516</b>	<b>275</b>
Retail Drugstores	9,040	2,200	105	459	256	880	1,270	300	590	743	285	314	359	611	432	236
Drug Distributors Cosmetics and Medical Device	1,633	862	19	61	67	52	88	43	66	102	39	21	75	108	30	0
Hospital Pharmacies	1,273	150	34	44	134	159	179	69	82	90	50	41	61	90	51	39
Chinese Drugstores	33	25	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Exporters	539	516	1	0	0	3	6	0	2	7	0	2	0	2	0	0
Food Importers	77	70	0	1	2	1	1	0	0	1	0	0	1	0	0	0
Household Hazardous	77	70	0	1	2	1	1	0	0	1	0	0	1	0	0	0
Temporary Permit Drugstores	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>1996</b>	<b>13,283</b>	<b>3,992</b>	<b>175</b>	<b>653</b>	<b>367</b>	<b>966</b>	<b>1,738</b>	<b>385</b>	<b>734</b>	<b>1,003</b>	<b>529</b>	<b>349</b>	<b>590</b>	<b>904</b>	<b>541</b>	<b>357</b>
Retail Drugstores	9,552	2,208	116	530	262	825	1,422	275	582	748	422	287	427	701	451	296
Drug Distributors Cosmetics and Medical Device	1,823	929	21	73	62	27	106	46	73	150	55	25	95	108	32	21
Hospital Pharmacies	1,152	144	37	46	43	110	200	63	75	93	51	37	68	90	55	40
Chinese Drugstores	28	20	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Exporters	652	622	1	2	0	4	8	0	2	9	1	0	0	3	0	0
Food Importers	76	69	0	2	0	0	2	0	1	1	0	0	0	1	0	0
Household Hazardous	76	69	0	2	0	0	2	0	1	1	0	0	0	1	0	0
Temporary Permit Drugstores	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>1997</b>	<b>13,981</b>	<b>4,189</b>	<b>194</b>	<b>697</b>	<b>416</b>	<b>1,084</b>	<b>1,836</b>	<b>438</b>	<b>836</b>	<b>1,081</b>	<b>451</b>	<b>444</b>	<b>575</b>	<b>1,007</b>	<b>401</b>	<b>332</b>
Retail Drugstores	9,614	2,079	130	570	291	866	1,477	311	642	819	333	372	417	743	300	264
Drug Distributors Cosmetics and Medical Device	2,146	1,074	24	87	77	65	120	58	104	155	65	25	93	145	36	18
Hospital Pharmacies	1,245	160	38	40	45	127	223	66	81	85	52	42	65	109	62	50
Chinese Drugstores	31	23	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Food Importer/Exporter	861	778	2	0	0	26	15	2	6	18	1	5	0	8	0	0
Wholesaler	84	75	0	0	3	0	1	0	2	2	0	0	0	1	0	0
Household Hazardous	84	75	0	0	3	0	1	0	2	2	0	0	0	1	0	0

Note: Region 13 is Caraga.

Source: Bureau of Food and Drug Administration.

# 10 EDUCATION

An educated citizenry is indispensable in any society so that the people could participate intelligently in the discussion of vital issues and in the molding of public opinion necessary to the existence of any society. Education is also important so that the people could perform their assigned roles as agents of production in the crucial effort towards economic and social development. Progress could come only from ideas, and ideas could emanate only from an educated citizenry. Education, therefore, is both an end in itself and a means to an end. It is a means to an end because the acquisition of knowledge enhances a person's skills and enables him to contribute fully and more efficiently to the expansion of the national output, to earn higher income and thus attain a higher level of living, and to participate fully in the country's overall development efforts.

This chapter covers important aspects of the state of education in the Philippines. The statistics presented include the following: literacy and functional literacy rates, number of schools, number of teachers, number of textbooks, number of graduates by level, performance in the National Elementary Assessment Test (NEAT), number of examinees who passed the board and bar examinations and budget of the Department of Education Culture, and Sports (DECS) as a percentage of the national government budget.

The Functional Literacy and Mass Media Survey (FLEMMS) conducted by the National Statistics Office (NSO) in coordination with DECS every five years starting in 1989 provides data on the literacy and functional literacy status of the population.

The primary responsibility of compiling and maintaining statistics on basic education is lodged with the DECS. Annually, the DECS publishes comprehensive statistics on basic education through its *Statistical Bulletin*. The Commission on Higher Education, formerly the Bureau of Higher Education, on the other hand is responsible for the generation of statistics on tertiary education. Statistics on post secondary, non-degree education are produced by the Technical Education and Skills Development Authority which was created out of the merger of the former National Manpower and Youth Council, the Apprenticeship Program of the Department of Labor and Employment, and the Bureau of Technical Vocational Education of the DECS. Data on performance in the board and bar examinations are taken from the Professional Regulation Commission and the Supreme Court of the Philippines, respectively.

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**Table 10.1**  
**SIMPLE LITERACY OF THE POPULATION 10 YEARS OLD AND OVER**  
**BY SELECTED CHARACTERISTICS**  
**1989 and 1994**  
**(In percent)**

Characteristics	1989			1994		
	Total	Male	Female	Total	Male	Female
Philippines	89.8	89.8	89.8	93.9	93.7	94.0
Residence						
Urban	95.4	a	a	96.5	96.6	96.5
Rural	86.2	a	a	91.2	91.1	91.3
NCR Metro Manila	98.1	a	a	98.8	98.9	98.8
CAR Cordillera Administrative	86.4	a	a	88.8	89.9	87.5
1 Ilocos Region	90.6	a	a	95.5	96.1	94.8
2 Cagayan Valley	88.4	a	a	93.3	93.7	92.8
3 Central Luzon	93.7	a	a	96.3	96.5	96.1
4 Southern Tagalog	93.2	a	a	96.4	96.8	96.0
5 Bicol Region	87.3	a	a	96.9	94.8	95.0
6 Western Visayas	87.7	a	a	91.9	90.8	93.0
7 Central Visayas	88.0	a	a	93.1	93.4	92.8
8 Eastern Visayas	81.7	a	a	90.9	89.2	92.7
9 Western Mindanao	80.4	a	a	89.7	89.1	90.1
10 Northern Mindanao	90.5	a	a	94.6	93.8	95.5
11 Southern Mindanao	90.5	a	a	92.0	91.6	92.4
12 Central Mindanao	78.3	a	a	90.8	90.3	91.4
ARMM Autonomous Region of Muslim Mindanao	-	a	a	73.5	75.6	71.4

a - Data not yet readily available.

Sources: National Statistics Office and the Department of Education, Culture, and Sports.

**Table 10.2**  
**FUNCTIONAL LITERACY OF THE POPULATION 10 - 64 YEARS OLD**  
**BY SELECTED CHARACTERISTICS**  
**1989 and 1994**  
**(In percent)**

Characteristics	1989			1994		
	Total	Male	Female	Total	Male	Female
Philippines	75.4	74.5	76.2	83.8	81.7	85.9
Residence	-	-	-	-	-	-
Urban	-	-	-	88.4	86.9	89.8
Rural	-	-	-	79.1	76.8	81.7
NCR Metro Manila	90.6	91.5	89.9	92.4	91.8	93.0
CAR Cordillera Administrative	73.7	73.0	74.3	78.6	76.8	80.5
1 Ilocos Region	75.1	74.8	75.3	86.4	85.6	87.3
2 Cagayan Valley	72	70.9	73.2	86.6	85.6	86.6
3 Central Luzon	84.1	84.4	83.8	87.3	86.1	88.5
4 Southern Tagalog	79.8	79.3	80.4	88.0	86.3	89.8
5 Bicol Region	68.8	66.2	71.3	82.6	81.3	84.5
6 Western Visayas	71.3	68.7	73.8	80.9	77.3	84.8
7 Central Visayas	70.6	69.4	71.9	80.9	78.5	83.2
8 Eastern Visayas	65.5	63.4	67.8	79.7	75.7	84.2
9 Western Mindanao	57.7	57.3	58.1	75.4	72.6	78.1
10 Northern Mindanao	76.5	74.1	78.8	83.4	79.5	87.4
11 Southern Mindanao	74.1	73.0	75.2	79.4	75.6	83.2
12 Central Mindanao	63.1	65.1	61.1	77.4	74.2	80.7
ARMM Autonomous Region of Muslim Mindanao	-	-	-	61.2	63.2	59.1

Sources: National Statistics Office and the Department of Education, Culture and Sports.



Table 10.3

**NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS BY LEVEL OF EDUCATION  
SY 1970-71 to SY 1996-97**

School Year	Pre-School			Elementary			Secondary			Tertiary		
	Total	Government	Private <sup>1</sup>	Total	Government	Private <sup>2</sup>	Total	Government	Private <sup>3</sup>	Total	Government	Private
1970-71	447	13	434	40,823	40,039	784	3,883	1,885	1,998	728	116	612
1971-72	572	136	436	43,667	41,885	1,782	3,955	1,959	1,996	674	120	554
1972-73	-	-	-	27,612	26,635	977	4,716	2,709	2,007	613	44	569
1973-74	-	-	-	29,192	28,196	996	4,778	2,765	2,013	628	44	584
1974-75	-	-	-	30,761	29,745	1,016	4,844	2,825	2,019	646	85	561
1975-76	-	-	-	30,962	29,854	1,108	4,944	2,883	2,061	754	126	628
1976-77	-	-	-	31,372	30,306	1,066	4,942	2,865	2,077	817	168	649
1977-78	-	-	-	31,257	30,099	1,158	4,923	2,891	2,032	938	229	709
1978-79	-	-	-	31,519	30,221	1,298	5,129	3,134	1,995	947	333	614
1979-80	-	-	-	31,494	30,311	1,183	5,144	3,112	2,032	997	290	707
1980-81	2,229	1,404	825	31,455	30,287	1,168	5,156	3,161	1,995	1,084	309	775
1981-82	2,243	1,432	811	31,729	30,561	1,168	5,354	3,298	2,056	1,038	316	722
1982-83	2,020	1,281	739	32,114	30,946	1,168	5,327	3,342	1,985	1,063	324	739
1983-84	2,358	1,423	935	32,809	31,440	1,369	5,430	3,354	2,076	1,157	319	838
1984-85	2,334	1,414	920	33,104	31,768	1,336	5,475	3,399	2,076	1,175	359	816
1985-86	2,254	1,257	997	33,156	31,817	1,339	5,375	3,357	2,018	1,078	293	785
1986-87	2,243	1,246	997	33,485	32,037	1,448	5,394	3,327	2,067	1,169	351	818
1987-88	2,572	1,292	1,280	33,544	32,000	1,544	5,410	3,307	2,103	1,606	428	1,178
1988-89	3,691	2,548	1,143	34,526	32,875	1,651	5,496	3,347	2,149	1,675	424	1,251
1989-90	3,837	2,646	1,191	34,382	32,811	1,571	5,518	3,364	2,154	1,755	504	1,251
1990-91	4,201	2,888	1,313	34,081	32,449	1,632	5,550	3,394	2,156	2,071	510	1,561
1991-92	5,319	3,660	1,659	34,582	32,768	1,814	5,675	3,463	2,212	1,920	505	1,415
1992-93	5,613	3,954	1,659	34,944	32,970	1,974	5,757	3,472	2,285	1,937	492	1,445
1993-94	5,035	3,143	1,892	35,087	33,035	2,052	5,880	3,586	2,294	2,210	545	1,665
1994-95	6,362	4,095	2,267	35,671	33,425	2,246	6,055	3,676	2,379	1,185	235	950
1995-96	6,863	4,352	2,511	36,901	34,483	2,418	6,217	3,799	2,418	1,286	272	1,014
1996-97	6,810	4,282	2,528	37,721	34,802	2,919	6,369	3,830	2,539	1,316	271	1,045

Notes: 1. A school is counted according to the level of education it offers.

2. Data from SY 1994-1995 onwards on tertiary institutions includes only higher education institutions.

1 - Includes schools attached to elementary, secondary and tertiary institutions.

2 - Includes schools attached to secondary and tertiary institutions.

3 - Includes schools attached to state colleges and universities and other tertiary institutions.

Source: Department of Education, Culture, and Sports.

**Table 10.4**  
**NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS BY LEVEL OF EDUCATION**  
**AND BY REGION**  
**SY 1994-95 to SY 1996-97**

Level of Education	Philippines	National Capital Region	CAR	Region 1	Region 2	Region 3	Region 4
<b>SY 1994-1995</b>							
Pre-School	6,906	995	123	694	64	586	1,664
Government	4,749	371	91	598	33	336	1,089
Private	2,157	624	32	96	31	250	575
Elementary	35,964	977	1,216	2,328	1,957	2,749	4,504
Government	33,673	473	1,165	2,217	1,894	2,515	4,032
Private	2,291	504	51	111	63	234	472
Secondary	6,069	458	189	543	240	499	875
Government	3,682	110	110	370	146	282	497
Private	2,387	348	79	173	94	217	378
Tertiary	1,185	205	23	70	39	102	122
Government	235	16	11	8	12	15	23
Private	950	189	12	62	27	87	99
<b>SY 1995-1996</b>							
Pre-School	7,355	1,021	168	786	59	719	1,601
Government	5,056	356	136	667	28	443	1,016
Private	2,299	665	32	119	31	276	585
Elementary	36,800	996	1,263	2,362	2,010	2,816	4,606
Government	34,257	474	1,209	2,233	1,942	2,549	4,047
Private	2,543	522	54	129	68	267	559
Secondary	6,205	470	195	553	243	520	929
Government	3,717	114	116	376	149	286	508
Private	2,488	356	79	177	94	234	421
Tertiary	1,286	223	24	73	39	113	141
Government	272	17	11	9	13	17	28
Private	1,014	206	13	64	26	96	113
<b>SY 1996-1997</b>							
Pre-School	6,810	1,035	162	699	66	747	1,568
Government	4,282	370	101	596	35	435	995
Private	2,528	665	61	103	31	312	573
Elementary	37,721	1,003	1,283	2,375	2,054	2,867	4,798
Government	34,802	472	1,231	2,239	1,968	2,566	4,147
Private	2,919	531	52	136	86	301	651
Secondary	6,369	111	119	374	155	278	519
Government	3,830	111	119	374	155	278	519
Private	2,539	369	80	176	94	250	459
Tertiary	1,316	221	24	22	40	126	149
Government	271	17	11	9	13	17	28
Private	1,045	204	13	13	27	109	121

Notes: Data from SY 1994-1995 onwards on tertiary institutions includes only higher education institutions.  
On SY 1994-1995, Caraga is still part of Region 10 and 11.

Sources: Department of Education, Culture, and Sports and the Commission on Higher Education.

Table 10.4 (continued)

Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Caraga	ARMM
410	812	268	158	180	87	545	243	...	77
360	671	237	156	131	24	411	168	...	73
50	141	31	2	49	63	134	75	...	4
2,952	3,228	2,745	3,281	1,997	2,640	2,488	1,334	...	1,568
2,848	3,081	2,634	3,233	1,944	2,515	2,295	1,268	...	1,559
104	147	111	48	53	125	193	66	...	9
478	535	417	399	256	427	405	237	...	111
336	378	245	319	188	239	228	148	...	86
142	157	172	80	68	188	177	89	...	25
97	92	74	59	36	85	90	78	...	13
22	32	11	35	11	12	9	11	...	7
75	60	63	24	25	73	81	67	...	6
381	859	352	119	202	53	476	297	180	82
327	713	310	117	153	43	336	201	137	73
54	146	42	2	49	10	140	96	43	9
2,981	3,261	2,810	3,372	2,090	1,619	2,177	1,379	1,490	1,568
2,875	3,114	2,683	3,324	2,037	1,510	1,976	1,284	1,441	1,559
106	147	127	48	53	109	201	95	49	9
486	518	406	403	259	278	376	253	205	111
344	361	234	320	191	145	213	150	124	86
142	157	172	83	68	133	163	103	81	25
115	99	79	67	44	90	91	72	...	16
33	40	11	41	9	14	10	9	...	10
82	59	68	26	35	76	81	63	...	6
489	455	279	112	151	91	435	261	195	65
397	309	139	55	118	43	295	186	146	62
92	146	140	57	33	48	140	75	49	3
2,993	3,296	2,872	3,456	2,172	1,636	2,284	1,571	1,449	1,612
2,887	3,145	2,743	3,373	2,120	1,518	2,063	1,326	1,400	1,604
106	151	129	83	52	118	221	245	49	8
345	373	306	315	182	141	213	189	122	88
345	373	306	315	182	141	213	189	122	88
142	153	183	81	71	130	153	95	79	24
115	101	86	70	42	56	81	72	38	15
33	41	11	41	9	7	8	9	0	9
82	60	75	29	33	49	73	63	38	6

**Table 10.5**  
**NUMBER OF PRE-SCHOOL, ELEMENTARY AND SECONDARY TEACHERS**  
**IN GOVERNMENT SCHOOLS BY REGION**  
**SY 1980-81 to SY 1996-97**

Level of Education	Philippines	National Capital Region	CAR	Region 1	Region 2	Region 3	Region 4
<b>Pre-School</b>							
1989-90	6,669	1,292	21	461	32	440	2,241
1990-91	3,547	714	14	428	34	294	759
1991-92	3,932	547	26	557	19	371	829
1992-93	4,307	582	36	640	22	367	877
<b>Elementary</b>							
1980-81	255,343	22,481	-	23,319	11,543	24,272	31,885
1981-82	261,131	23,413	-	23,026	11,821	24,389	32,462
1982-83	261,860	23,414	-	23,390	11,822	24,389	32,478
1983-84	270,493	24,665	-	23,115	12,280	25,028	33,642
1984-85	270,693	24,761	-	22,933	12,434	25,123	34,156
1985-86	277,076	25,241	-	23,417	12,873	25,480	35,344
1986-87	281,659	25,659	-	23,804	13,086	25,901	35,929
1987-88	284,796	25,765	-	23,396	13,293	26,801	36,730
1988-89	289,719	25,873	5,946	19,631	11,412	27,217	37,593
1989-90	289,761	25,870	5,935	19,631	11,512	27,156	37,583
1990-91	291,172	26,474	5,991	19,734	11,412	27,515	37,718
1991-92	295,048	26,893	6,065	19,672	11,619	27,623	38,497
1992-93	294,895	26,649	6,067	19,690	11,628	27,623	38,508
1993-94	296,506	26,649	6,139	19,690	11,709	27,662	39,088
1994-95	298,935	26,649	6,236	19,784	11,950	27,796	39,539
1995-96	309,020	27,134	6,498	20,029	12,621	28,085	40,802
1996-97	319,843	28,175	6,913	20,196	13,120	28,948	42,407
<b>Secondary</b>							
1980-81	52,435	10,247	-	5,239	2,774	3,988	5,508
1981-82	54,555	10,769	-	5,655	2,707	4,311	5,792
1982-83	56,257	10,112	-	5,644	2,796	3,966	6,882
1983-84	69,563	9,499	-	7,317	2,832	5,658	8,634
1984-85	59,263	8,092	-	6,233	2,413	4,820	7,356
1985-86	60,378	10,062	-	6,024	2,872	5,145	7,992
1986-87	62,955	10,491	-	6,281	2,995	5,365	8,333
1987-88	69,226	10,924	-	6,647	3,069	5,528	8,951
1988-89	79,514	11,790	1,568	7,398	3,242	6,198	9,697
1989-90	75,950	12,016	1,639	5,973	2,863	6,154	9,548
1990-91	81,543	12,177	1,766	6,351	3,304	6,583	10,649
1991-92	82,392	12,608	1,661	6,231	3,045	6,857	10,953
1992-93	85,320	12,701	1,727	6,431	3,189	7,222	11,585
1993-94	86,415	12,707	1,658	6,360	3,411	7,931	11,924
1994-95	90,436	13,014	1,745	6,569	3,690	8,046	12,502
1995-96	97,975	13,881	1,903	7,428	3,989	8,345	13,272
1996-97	104,155	15,134	1,939	7,752	3,969	9,037	14,102

Notes: Teachers in the government sector include those holding position titles of Master Teachers I-II and Teachers I-II

CAR was still part of Region 1 and 2 (started SY 1988-1989).

ARMM was still part of Region 11 and 12 (started SY 1991-1992).

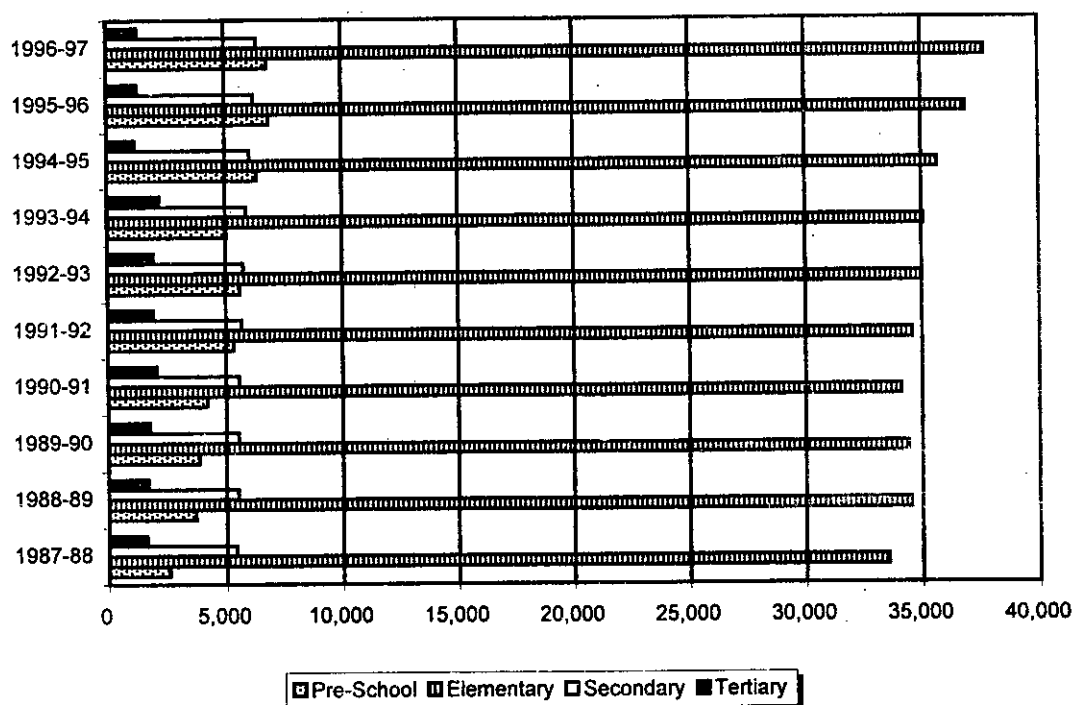
Caraga was still part of Region 10 and 11 (started SY 1995-1996).

Source: Department of Education, Culture, and Sports.

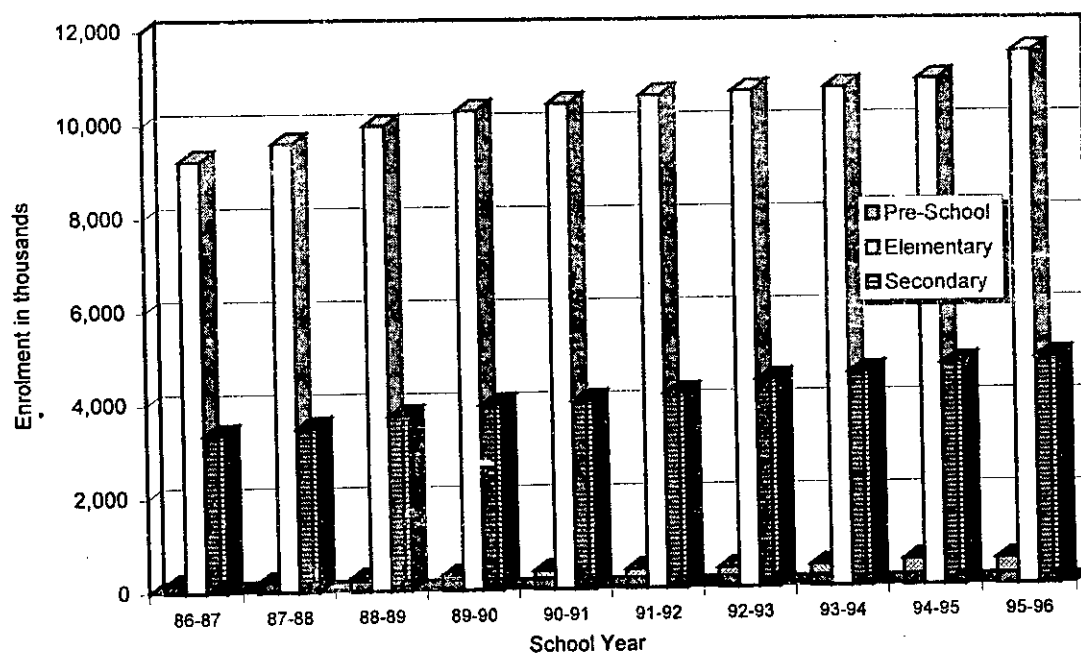
Table 10.5 (continued)

Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Caraga	ARMM
503	981	138	107	19	48	248	138	-	-
188	531	105	72	32	30	162	184	-	-
268	570	138	99	7	31	234	194	-	42
352	571	160	100	35	36	225	260	-	44
20,668	28,282	19,865	18,167	12,581	13,921	15,742	12,617	-	-
20,902	28,025	20,547	18,496	13,913	14,384	15,851	13,902	-	-
20,902	28,198	20,547	18,499	13,880	14,534	15,851	13,956	-	-
21,506	28,864	21,920	18,710	13,863	14,947	17,129	14,824	-	-
21,614	28,686	20,664	18,542	13,994	14,786	17,952	15,048	-	-
21,874	29,084	20,876	18,867	15,143	15,387	18,221	15,269	-	-
22,236	29,565	21,221	19,179	15,393	15,642	18,522	15,522	-	-
22,725	29,260	21,169	18,815	15,567	16,328	19,154	15,793	-	-
22,879	29,447	21,359	18,988	16,123	17,125	20,150	15,976	-	-
22,879	29,474	21,359	18,985	16,123	17,125	20,150	15,979	-	-
22,903	29,448	21,400	19,047	16,132	17,128	20,239	16,031	-	-
23,118	29,571	21,575	19,027	13,163	17,654	20,644	10,436	-	9,491
23,189	29,571	21,559	18,993	13,161	17,688	20,644	10,434	-	9,491
23,283	29,583	21,568	19,031	13,368	18,163	20,648	10,434	-	9,491
23,296	29,591	21,692	19,294	13,513	18,412	20,833	10,716	-	9,634
24,390	30,181	22,393	19,454	14,900	12,183	19,369	11,303	9,811	9,867
24,905	30,676	23,146	19,907	15,787	12,585	20,675	11,526	10,252	10,625
3,075	6,779	2,248	3,479	1,999	1,840	2,890	2,369	-	-
3,241	7,123	2,299	3,500	1,985	2,399	3,146	1,628	-	-
3,743	7,873	2,491	2,722	1,979	2,846	3,294	1,909	-	-
5,479	9,046	3,288	4,097	2,946	3,672	4,297	2,798	-	-
4,668	7,707	2,801	3,490	2,510	3,128	3,661	2,384	-	-
3,744	7,318	2,069	3,437	2,365	3,270	3,807	2,273	-	-
3,904	7,630	2,157	3,584	2,466	3,410	3,969	2,370	-	-
4,038	9,917	2,588	4,175	2,838	3,379	4,118	3,054	-	-
4,737	10,735	3,461	4,558	3,473	4,082	5,088	3,487	-	-
4,951	9,409	3,481	4,323	3,098	4,112	5,207	3,176	-	-
5,632	9,724	3,951	4,536	3,327	4,314	5,304	3,925	-	-
5,502	9,231	4,390	4,314	3,269	4,817	5,415	2,816	-	1,283
5,773	9,384	4,495	4,550	3,348	4,979	5,498	3,208	-	1,230
6,147	9,214	4,378	4,439	3,435	4,939	5,633	3,017	-	1,222
6,657	10,208	4,787	4,531	3,718	4,973	5,676	3,120	-	1,200
7,393	10,515	5,335	4,692	4,209	3,468	6,244	3,519	2,582	1,200
7,832	10,964	5,634	5,151	4,555	3,556	6,879	3,515	2,797	1,339

**Figure 10.1 TOTAL NUMBER OF SCHOOLS BY LEVEL OF EDUCATION,  
PHILIPPINES: SY 1987-88 TO SY 1996-97**



**Figure 10.2 PRE-SCHOOL, ELEMENTARY & SECONDARY ENROLMENT  
IN GOVERNMENT AND PRIVATE SCHOOLS:  
SY 1986-87 TO SY 1995-96**



**Table 10.6**  
**PRE-SCHOOL, ELEMENTARY AND SECONDARY ENROLMENT**  
**IN GOVERNMENT AND PRIVATE SCHOOLS**  
**SY 1970-71 to SY 1995-96**

School Year	Pre-School			Elementary			Secondary		
	Total	Government	Private	Total	Government	Private	Total	Government	Private
1970-71	51,279	1,083	50,196	6,968,978	6,627,734	341,244	1,719,386	762,984	956,402
1971-72	-	-	-	6,764,501	6,422,075	342,426	1,723,365	734,941	988,424
1972-73	57,433	2,300	55,133	7,014,761	6,667,644	355,065	1,875,012	863,326	1,011,686
1973-74	-	-	-	7,269,008	6,845,138	363,901	1,958,048	913,342	1,044,706
1974-75	-	-	-	7,453,331	7,043,522	385,727	2,112,176	975,356	1,136,820
1975-76	-	-	-	7,597,279	7,197,878	399,401	2,291,707	1,061,731	1,229,976
1976-77	-	-	-	7,808,158	7,387,178	420,980	2,508,519	1,205,434	1,303,085
1977-78	-	-	-	7,861,641	7,424,254	437,387	2,696,460	1,319,898	1,376,562
1978-79	-	-	-	8,179,013	7,724,115	454,898	2,941,210	1,491,015	1,450,195
1979-80	114,868	79,932	34,936	8,227,355	7,817,450	409,905	2,766,874	1,489,959	1,276,915
1980-81	124,844	46,893	77,951	8,290,444	7,931,164	359,280	3,018,568	1,614,554	1,404,014
1981-82	152,262	52,048	100,214	8,518,283	8,073,290	444,993	2,935,732	1,591,510	1,344,222
1982-83	153,884	62,521	91,363	8,591,267	8,164,061	427,206	3,074,219	1,721,159	1,353,060
1983-84	181,726	68,190	113,536	8,717,469	8,228,554	488,915	3,204,551	1,844,174	1,360,377
1984-85	177,593	74,136	103,457	8,793,773	8,269,825	523,948	3,323,063	1,957,444	1,365,619
1985-86	-	-	-	8,896,920	8,392,103	504,817	3,269,434	1,949,542	1,319,892
1986-87	164,260	64,308	99,952	9,229,595	8,639,399	590,196	3,357,014	1,996,377	1,360,637
1987-88	204,912	79,971	124,941	9,601,322	8,964,804	636,518	3,494,460	2,090,073	1,404,387
1988-89	274,106	136,843	137,263	9,972,571	9,323,637	648,934	3,737,104	2,354,620	1,382,484
1989-90	321,459	151,070	170,389	10,284,861	9,604,422	680,439	3,961,639	2,516,729	1,444,910
1990-91	397,364	165,997	231,367	10,427,077	9,727,575	699,502	4,033,597	2,564,045	1,469,552
1991-92	408,626	184,739	223,887	10,595,713	9,889,211	706,502	4,173,568	2,695,537	1,478,031
1992-93	415,483	212,375	203,108	10,674,073	9,901,808	772,265	4,457,908	2,929,033	1,528,875
1993-94	456,456	238,116	218,340	10,739,535	9,944,438	795,097	4,599,478	3,075,496	1,523,982
1994-95	546,789	288,130	258,659	10,910,876	10,088,499	822,377	4,772,647	3,263,425	1,509,222
1995-96	552,599	289,057	263,542	11,504,816	10,646,180	858,636	4,883,507	3,376,273	1,507,234

Source: Department of Education, Culture, and Sports.

**Table 10.7**  
**HIGHER EDUCATION ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS**  
**BY PROGRAM AND BY REGION**  
**SY 1994-95 to SY 1996-97**

Field of study	Philippines	NCR	CAR	Region 1	Region 2	Region 3
<b>1994 - 1995</b>	<b>1,651,918</b>	<b>570,606</b>	<b>57,533</b>	<b>85,519</b>	<b>37,798</b>	<b>99,359</b>
Arts and Sciences	199,971	89,672	6,682	5,127	3,526	6,029
Teacher Training & Education	211,615	25,476	8,066	16,376	7,993	22,032
Engineering and Technology	227,620	94,694	9,468	9,828	4,188	18,141
Medical and Health Related Program	233,567	94,692	10,698	18,280	2,286	11,335
Commerce/Business Management	434,406	156,783	13,492	14,052	13,718	31,579
Agriculture, Forestry, Fishery and Veterinary Medicine	56,445	2,078	3,418	2,797	2,846	3,515
Law	16,882	7,839	671	383	130	185
Religion/Theology	6,699	3,094	364	51	27	140
Information Technology	88,616	31,522	2,987	5,578	908	2,675
Maritime Education	144,647	56,602	0	11,246	666	2,188
Criminology Education	31,450	8,154	1,687	1,801	1,510	1,540
<b>1995 - 1996</b>	<b>2,017,972</b>	<b>636,778</b>	<b>115,369</b>	<b>64,124</b>	<b>50,623</b>	<b>131,122</b>
Arts and Sciences	226,111	101,561	8,940	7,457	4,989	9,138
Teacher Training & Education	276,046	34,404	25,870	10,141	13,641	27,577
Engineering and Technology	275,695	114,380	14,341	9,969	3,476	19,382
Medical and Health Related Program	238,988	98,358	19,218	10,733	2,725	11,546
Commerce/Business Management	603,575	185,796	24,701	15,376	16,752	45,546
Agriculture, Forestry, Fishery and Veterinary Medicine	72,656	1,726	3,549	3,594	3,878	4,841
Law	13,983	5,552	398	713	146	195
Religion/Theology	8,262	4,075	139	366	24	270
Information Technology	117,799	38,471	5,264	3,771	1,616	6,746
Maritime Education	137,584	38,868	10,468	0	1,018	3,804
Criminology Education	47,273	13,587	2,481	2,004	2,358	2,077
<b>Discipline Group</b>						
<b>1996-1997</b>	<b>2,220,858</b>	<b>701,406</b>	<b>64,563</b>	<b>109,475</b>	<b>66,181</b>	<b>142,793</b>
General	107,351	43,703	1,611	3,632	3,334	5,680
Education and Teacher Training	301,148	42,375	11,031	24,421	19,542	30,479
Fine and Applied Arts	10,922	9,502	0	90	0	0
Humanities	14,014	4,443	638	455	338	309
Religion and Theology	8,397	4,255	362	82	29	351
Social and Behavioral Science	41,873	21,967	1,981	827	905	1,236
Business Administration and Related	775,355	217,518	13,971	24,040	19,938	47,436
Law and Jurisprudence	15,912	8,173	868	382	220	328
Natural Science	23,031	8,536	906	903	862	632
Mathematics and Computer Science	153,505	57,844	3,695	8,428	2,276	11,894
Medical and Allied	200,122	89,591	10,577	14,224	2,417	8,631
Trade, Craft and Industrial	273	113	0	0	0	160
Engineering	305,843	124,622	10,083	17,053	5,534	22,706
Architectural and Town Planning	22,268	13,317	1,130	934	136	1,912
Agriculture, Forestry, Fishery and Veterinary Medicine	71,228	3,043	2,849	2,623	5,441	4,896
Home Economics	4,826	787	353	252	447	602
Service Trades	8,169	5,301	273	651	0	356
Mass Communication and Documentation	12,004	8,005	1,180	116	124	183
Other Disciplines	144,617	38,311	3,055	10,362	4,638	5,002

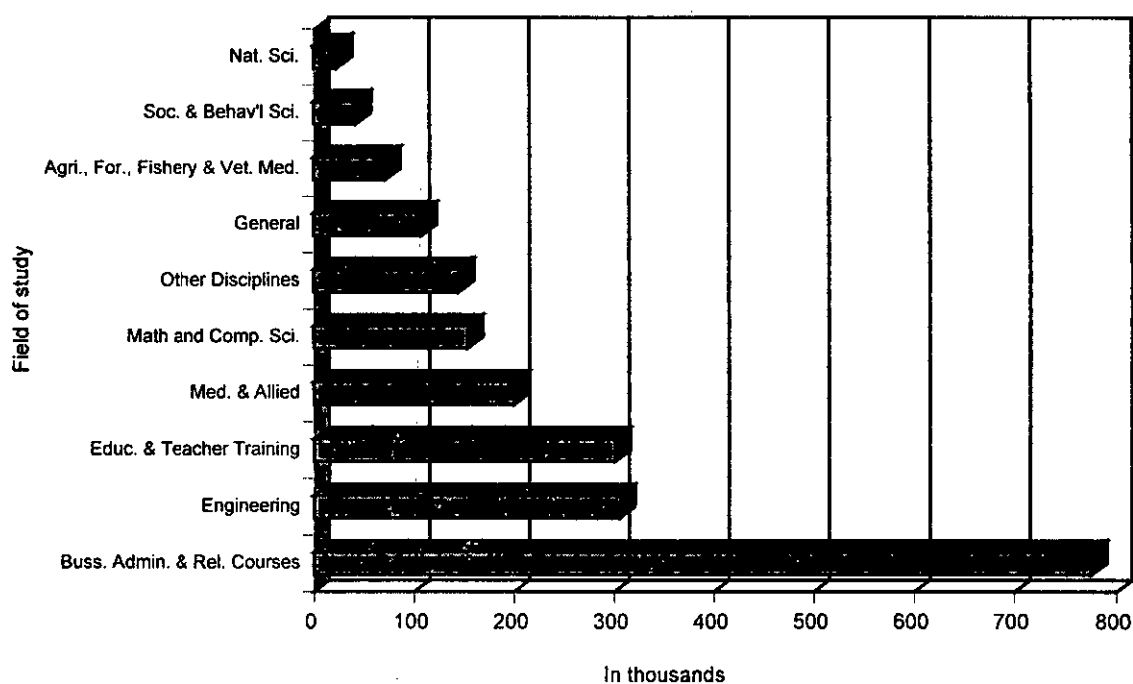
Source: Commission on Higher Education.



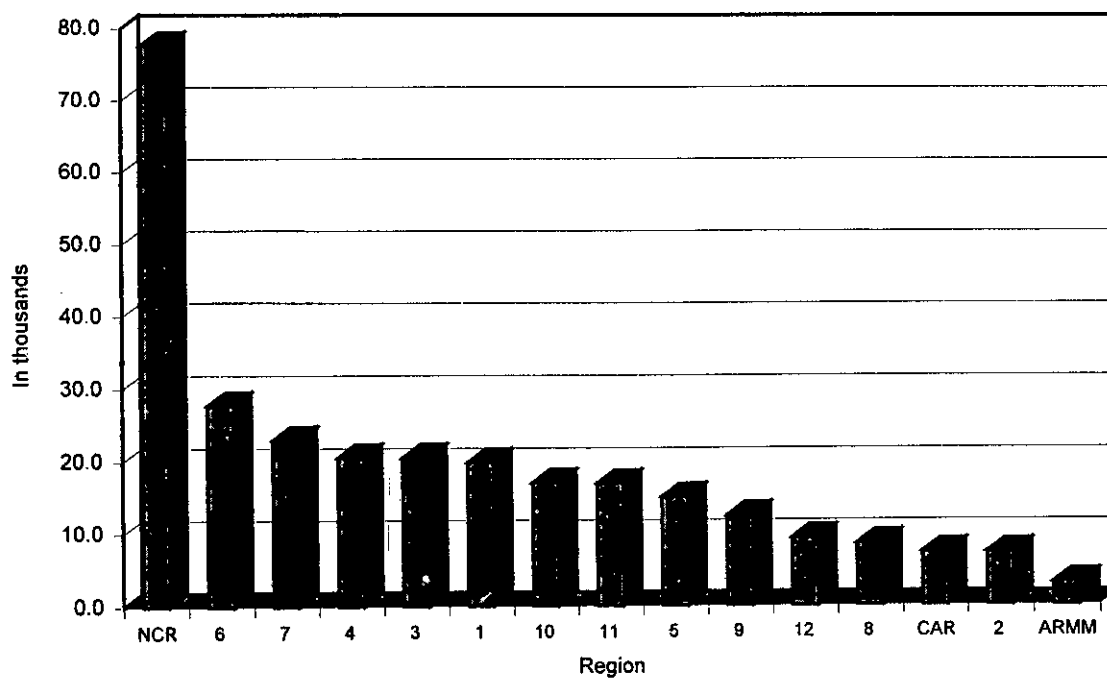
Table 10.7 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Caraga	ARMM
117,130	76,918	111,673	144,888	52,023	47,798	83,946	98,484	58,368	-	9,875
14,769	10,732	11,175	9,881	6,979	7,059	7,213	11,195	8,450	-	1,482
17,234	15,974	19,979	14,751	15,286	7,633	13,063	13,267	11,686	-	2,799
11,070	9,132	11,443	21,878	6,903	5,157	7,546	11,671	6,360	-	141
16,310	12,736	10,700	22,119	712	5,595	10,051	10,168	7,585	-	300
36,222	15,403	31,135	28,550	11,061	12,605	23,290	32,891	12,347	-	1,278
4,629	3,050	3,603	6,196	6,962	2,469	2,378	4,811	5,234	-	2,459
227	900	1,053	1,686	1,664	313	427	686	594	-	124
848	565	206	753	168	0	110	311	62	-	0
9,831	3,389	3,319	15,439	0	1,812	4,953	2,192	3,060	-	951
5,152	3,434	17,631	21,373	1,278	2,436	12,892	7,587	2,100	-	62
838	1,603	1,429	2,262	1,010	2,719	2,023	3,705	890	-	279
148,208	93,833	158,368	161,101	56,618	90,998	107,248	115,553	67,559	-	20,470
14,554	10,428	12,074	11,456	5,448	9,537	9,894	10,330	8,510	-	1,795
21,179	20,883	23,950	17,220	13,931	14,616	17,510	14,269	15,144	-	5,711
15,604	8,329	14,692	27,363	7,323	10,656	10,963	12,589	6,193	-	435
13,997	10,002	13,421	19,390	2,240	6,014	11,005	11,165	6,966	-	2,208
53,654	26,307	50,813	36,268	15,571	31,971	34,141	45,085	16,377	-	5,217
9,168	5,036	6,656	3,072	6,560	3,032	5,147	5,648	5,895	-	4,854
300	984	956	1,942	633	589	592	352	631	-	0
900	549	303	675	221	0	132	526	82	-	0
13,142	3,974	6,002	16,260	2,057	5,883	5,585	3,639	5,139	-	250
4,074	4,745	27,376	25,607	1,769	1,701	9,525	7,184	1,445	-	0
1,636	2,596	2,125	1,848	865	6,999	2,754	4,766	1,177	-	0
174,280	83,924	159,404	158,523	55,382	39,682	67,295	271,638	66,394	32,347	27,571
8,712	4,477	5,683	3,537	2,860	2,522	5,813	6,492	4,520	1,921	2,854
28,428	19,855	26,861	21,068	14,180	7,111	11,126	13,102	14,699	9,302	7,568
0	107	433	732	0	4	26	28	0	0	0
671	854	694	480	32	0	167	471	671	8	3,783
1,219	689	190	324	219	0	116	487	74	0	0
2,161	1,711	2,208	2,150	285	748	482	733	1,632	391	2,456
55,635	23,037	49,131	39,485	14,934	13,934	22,283	201,526	16,433	11,422	4,632
447	826	1,038	1,155	684	283	525	330	653	0	0
3,828	440	1,700	1,169	235	227	321	1,121	1,397	0	754
18,500	5,129	7,194	15,330	2,498	3,513	3,354	3,896	5,880	2,410	1,664
14,562	6,636	10,975	16,897	1,894	3,047	6,006	7,273	4,712	1,654	1,026
0	0	0	0	0	0	0	0	0	0	0
21,034	7,893	25,236	26,766	8,551	4,088	7,087	15,766	6,625	2,461	338
599	616	1,071	1,094	362	0	0	1,050	47	0	0
11,252	4,720	6,683	3,372	4,887	1,788	4,515	5,264	5,488	1,911	2,496
821	30	244	42	551	0	171	160	366	0	0
472	58	0	474	51	0	468	65	0	0	0
41	132	1,065	570	106	224	153		105	0	0
5,898	6,714	18,998	23,878	3,053	2,193	4,682	13,874	3,092	867	0

**Figure 10.3 HIGHER EDUCATION ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS, BY PROGRAM: SY 1996-1997**



**Figure 10.4 HIGHER EDUCATION GRADUATES BY REGION: SY 1995-1996**



**Table 10.8**  
**NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED BY REGION**  
**1990 to 1997**

Region	1990	1991	1992	1993	1994	1995	1996	1997
Philippines	6,908,602	8,060,219	22,746,499	17,677,689	5,444,797	7,352,809	19,703,549	13,432,580
NCR	495,864	517,362	1,685,204	1,289,774	321,193	781,470	2,090,361	1,243,266
CAR	211,712	70,600	343,742	356,126	78,250	150,744	352,470	339,030
1 Ilocos Region	401,939	638,299	1,399,430	1,096,530	379,022	459,372	916,080	811,672
2 Cagayan Valley	265,418	394,422	1,486,888	829,434	350,593	171,170	885,690	551,256
3 Central Luzon	685,348	850,743	2,182,675	1,902,358	545,439	822,088	1,315,134	1,409,189
4 Southern Luzon	927,571	1,101,750	3,131,972	2,285,244	657,026	1,086,650	2,700,825	1,813,465
5 Bicol Region	579,571	542,526	1,962,631	1,143,755	355,274	806,225	1,539,090	1,066,520
6 Western Visayas	564,070	782,510	1,706,149	1,794,450	598,970	673,630	1,668,120	1,224,052
7 Central Visayas	527,690	463,840	1,728,612	1,662,620	458,220	430,450	1,552,790	970,830
8 Eastern Visayas	365,150	339,419	1,265,143	1,256,498	167,519	579,850	1,179,270	693,310
9 Western Visayas	341,040	376,730	1,133,858	900,752	249,640	350,760	981,210	627,870
10 Northern Mindanao	577,010	705,318	1,157,999	1,124,950	354,945	293,140	809,799	526,380
11 Southern Mindanao	499,429	792,020	2,013,886	1,105,858	503,960	395,130	1,542,900	907,560
12 Central Mindanao	466,790	484,680	1,548,310	929,340	218,451	211,210	790,680	454,200
13 Caraga	-	-	-	-	-	-	649,740	387,720
ARMM	-	-	-	-	206,295	140,920	729,390	406,260

Sources: Instructional Materials Corporation and the Department of Education, Culture, and Sports.

**Table 10.9**  
**HIGHER EDUCATION GRADUATES BY PROGRAM, BY REGION,**  
**AND BY MAJOR CATEGORY**  
**SY 1993-94 to 1995-96**

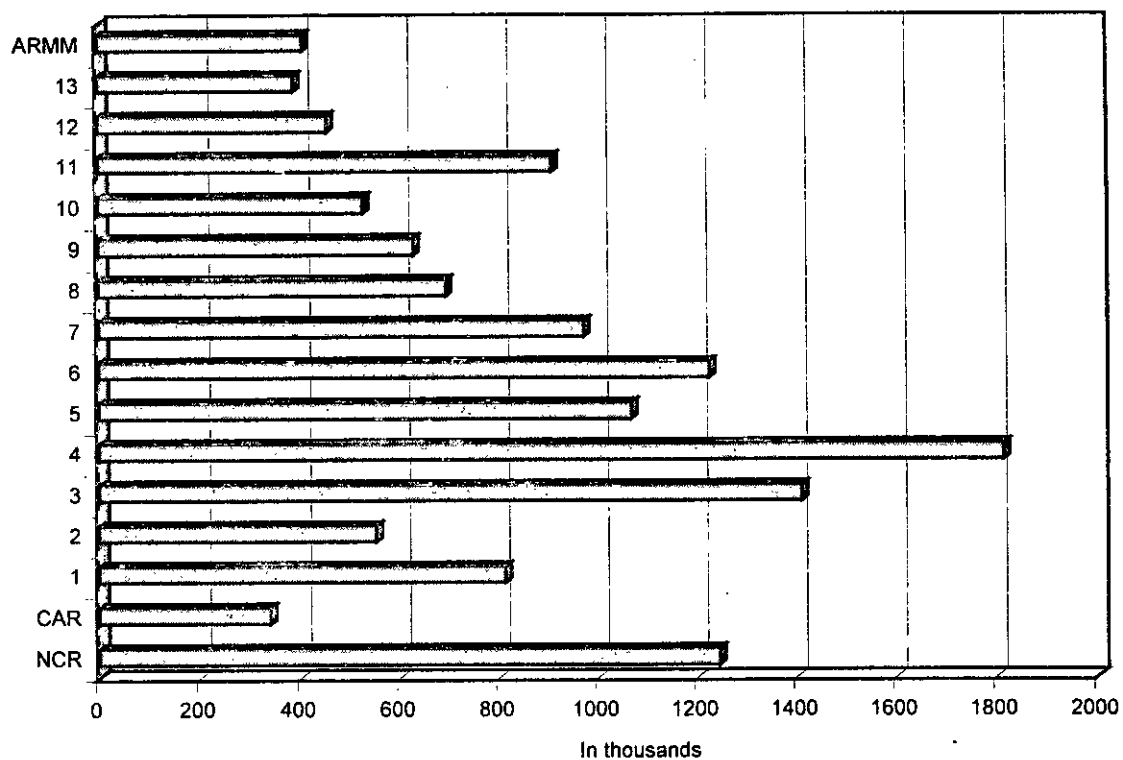
Program	Philippines	NCR	CAR	Region 1	Region 2	Region 3
1993 - 1994	319,372	107,179	10,345	17,522	7,240	18,867
Arts and Sciences	30,700	13,681	1,020	794	546	920
Teacher Training & Education	49,591	5,852	1,851	3,817	1,863	5,060
Engineering and Technology	33,426	13,853	1,385	1,459	622	2,654
Medical and Health Related Programs	45,057	18,167	2,052	3,560	445	2,176
Commerce/Business Management	84,592	30,415	2,618	2,767	2,701	6,128
Agriculture, Forestry, Fishery and Veterinary Medicine	10,923	387	635	519	527	653
Law	2,834	1,315	112	65	22	29
Religion/Theology	1,496	690	81	11	6	31
Information Technology	11,882	4,217	400	758	124	359
Maritime Education	45,310	17,682	0	3,566	211	683
Criminology Education	3,561	920	191	206	173	174
1994 - 1995	312,667	92,129	7,628	19,304	7,470	20,159
Arts and Sciences	29,277	12,885	783	901	625	1,191
Teacher Training & Education	42,591	3,446	1,138	3,081	1,894	4,728
Engineering and Technology	31,525	12,366	1,115	1,257	339	2,209
Medical and Health Related Programs	63,811	25,537	1,594	5,240	606	3,885
Commerce/Business Management	87,131	26,535	1,835	4,585	2,914	5,899
Agriculture, Forestry, Fishery and Veterinary Medicine	11,956	356	451	601	512	515
Law	2,080	854	73	58	29	72
Religion/Theology	1,095	399	65	23	0	100
Information Technology	11,904	4,165	344	527	357	987
Maritime Education	26,778	4,380	0	2,773	35	282
Criminology Education	4,519	1,206	230	258	159	291
<b>Discipline Group</b>						
1995-1996	328,120	87,440	8,097	19,164	7,910	22,455
General	16,905	6,126	510	657	446	1,041
Education and Teacher Training	45,545	5,300	1,435	3,099	2,065	4,834
Fine and Applied Arts	717	523	6	13	0	0
Humanities	1,198	456	13	22	34	62
Religion and Theology	1,266	184	58	27	2	72
Social and Behavioral Science	5,392	3,169	163	71	66	163
Business Administration and Related	96,665	25,521	2,211	5,292	3,238	7,477
Law and Jurisprudence	2,206	1,035	60	46	20	21
Natural Science	3,791	1,441	167	161	68	104
Mathematics and Computer Science	19,494	6,329	320	1,056	288	1,258
Medical and Allied	47,483	16,324	1,231	3,983	585	2,960
Trade, Craft and Industrial	71	50	0	0	0	21
Engineering	38,919	12,666	853	1,842	331	2,761
Architectural and Town Planning	1,599	724	36	109	16	227
Agriculture, Forestry, Fishery and Veterinary Medicine	15,633	213	609	309	495	852
Home Economics	977	83	29	19	54	17
Service Trades	761	604	0	109	0	3
Mass Communication and Documentation	1,818	1,089	104	11	8	31
Other Disciplines	27,680	5,603	292	2,338	194	551

Source: Commission on Higher Education.

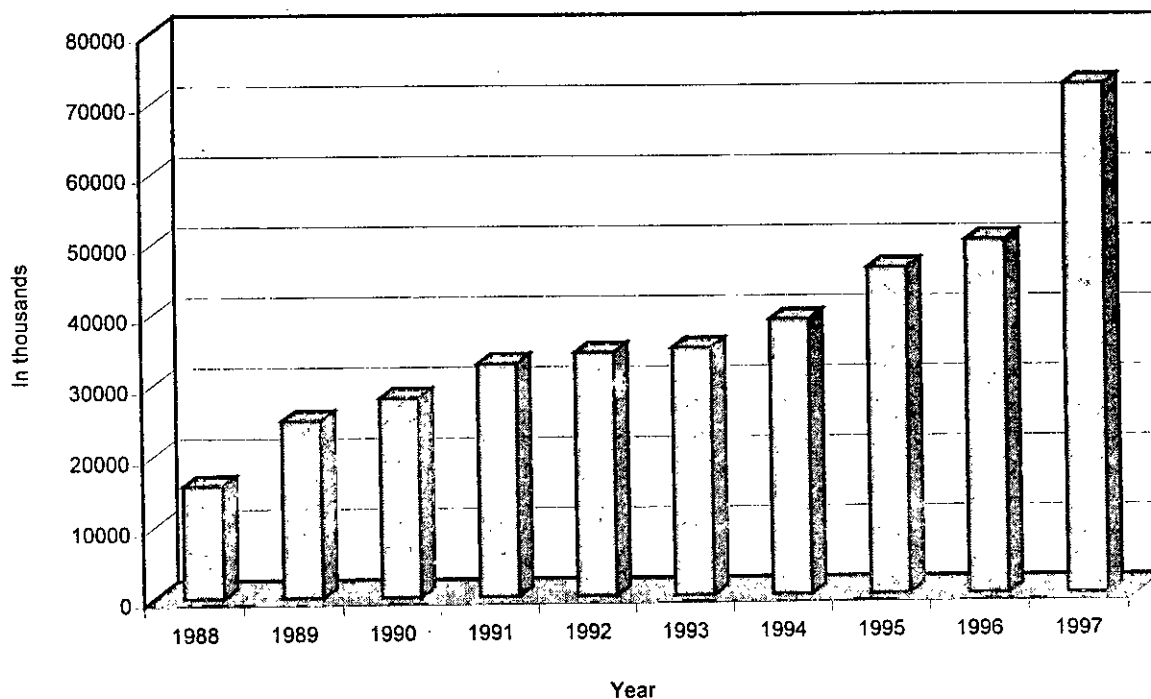
Table 10.9 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Caraga	ARMM
22,093	14,629	23,070	28,483	9,992	9,050	19,101	18,954	11,007	-	1,840
2,255	1,639	1,706	1,508	1,066	1,094	1,247	1,708	1,290	-	226
3,958	3,669	4,588	3,388	3,510	1,779	3,883	3,046	2,684	-	643
1,619	1,336	1,674	3,201	1,010	765	1,190	1,707	930	-	21
3,131	2,445	2,054	4,245	137	1,089	2,090	1,952	1,456	-	58
7,029	2,989	6,042	5,540	2,146	2,482	4,710	6,381	2,396	-	248
853	566	669	1,152	1,293	457	891	893	971	-	457
38	151	177	283	279	54	73	115	100	-	21
190	126	46	168	38	0	25	70	14	-	0
1,316	454	445	2,066	0	246	672	293	410	-	122
1,610	1,073	5,508	6,678	399	773	4,088	2,370	656	-	13
94	181	161	254	114	311	232	419	100	-	31
24,324	19,689	29,984	28,903	7,517	7,188	19,145	15,510	11,147	-	2,570
2,222	1,539	1,675	1,777	661	772	1,275	1,329	1,369	-	273
3,438	4,359	3,694	3,506	1,799	1,448	4,963	2,017	2,522	-	558
1,759	2,362	1,456	4,332	695	630	1,401	951	647	-	6
4,825	3,184	4,516	4,467	485	1,004	3,546	2,403	1,931	-	588
8,379	5,174	8,431	6,467	2,392	1,875	4,759	4,892	2,520	-	474
620	1,002	885	808	963	529	1,950	1,039	1,054	-	671
61	124	118	257	107	118	106	42	61	-	0
87	66	59	119	30	0	83	58	6	-	0
1,503	375	784	1,917	43	111	196	227	368	-	0
1,199	1,146	8,189	4,879	209	472	609	2,143	462	-	0
231	358	177	374	133	229	257	409	207	-	0
26,877	15,482	30,367	30,092	9,620	11,511	10,818	16,481	11,313	8,023	12,470
1,350	1,082	1,137	890	493	559	689	798	447	398	282
3,346	2,980	3,811	2,491	2,380	2,098	1,355	1,922	2,179	1,996	4,254
0	3	24	103	0	0	17	23	5	0	0
126	73	13	74	6	88	9	4	177	2	39
222	107	71	305	52	0	46	101	19	0	0
245	239	173	351	79	192	40	44	294	0	103
9,164	4,864	10,159	5,883	2,765	3,533	3,600	5,159	2,924	2,561	2,314
30	157	138	321	125	81	64	69	39	0	0
642	38	284	357	42	62	99	89	172	0	65
2,107	698	1,005	3,120	293	560	151	265	683	581	780
3,371	2,067	3,118	5,056	531	1,503	1,577	2,524	1,778	584	291
0	0	0	0	0	0	0	0	0	0	0
2,888	1,083	5,464	5,189	1,155	976	812	1,823	777	299	0
30	96	121	159	32	9	11	20	4	5	0
2,007	733	1,165	873	1,129	497	549	916	879	455	3,952
164	3	13	3	58	38	24	27	55	0	390
11	5	0	21	0	0	0	8	0	0	0
0	19	161	210	80	27	49	3	26	0	0
1,174	1,235	3,510	4,686	400	1,288	1,726	2,686	855	1,142	0

**Figure 10.5 NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED  
BY REGION: 1997**



**Figure 10.6 BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE  
AND SPORTS: 1988 to 1997**



**Table 10.10**  
**NUMBER OF GRADUATES IN NON-FORMAL EDUCATION BY REGION**  
**CY 1988 to 1996**

Region		1988		1989		1990		1991	
		BL	LCL	BL	LCL	BL	LCL	BL	LCL
Philippines		126,629	346,867	74,513	269,011	50,513	225,391	94,206	168,930
NCR	Metro Manila	833	18,876	624	16,162	513	17,653	536	26,791
CAR	Cordillera	1,990	4,842	1,736	7,460	1,736	7,460	12,086	7,047
1	Ilocos Region	20,505	11,365	1,634	35,985	1,619	2,986	908	9,059
2	Cagayan Valley	1,525	7,610	1,250	6,266	420	6,095	1,656	10,723
3	Central Luzon	6,831	11,760	3,280	25,410	2,500	11,618	1,462	11,956
4	Southern Tagalog	1,040	10,875	4,964	13,042	1,158	5,837	16,100	20,984
5	Bicol Region	8,639	13,040	16,084	13,394	12,043	21,230	7,047	17,485
6	Western Visayas	5,641	19,173	12,486	20,824	1,768	23,614	9,188	19,104
7	Central Visayas	21,248	172,823	9,648	72,736	12,794	26,865	3,973	10,375
8	Eastern Visayas	1,374	6,421	1,968	6,750	9,096	65,843	11,167	9,908
9	Western Mindanao	11,758	8,421	3,637	5,340	1,462	7,351	21,899	3,826
10	Northern Mindanao	5,322	27,159	2,193	18,059	1,989	4,798	1,423	8,760
11	Southern Mindanao	6,722	21,786	5,800	21,908	2,161	15,743	1,278	8,461
12	Central Mindanao	33,201	12,716	9,209	5,675	1,254	8,298	5,483	4,451
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-	-	-	-

Region		1992		1993		1994		1995	1996
		BL	LCL	BL	LCL	BL	LCL		
Philippines		129,977	217,801	84,872	181,490	54,218	76,471	65,877	113,697
NCR	Metro Manila	3,199	24,774	3,202	24,774	550	28,542	2,811	2,617
CAR	Cordillera	4,432	9,216	8,597	6,618	4,785	5,906	6,039	5,673
1	Ilocos Region	7,442	19,234	3,992	4,325	713	1,102	1,458	12,332
2	Cagayan Valley	2,787	9,031	483	3,161	1,990	6,996	2,455	2,112
3	Central Luzon	2,554	7,807	1,240	1,339	299	4,079	1,726	5,704
4	Southern Tagalog	36,444	15,874	10,245	54,807	500	922	2,866	1,968
5	Bicol Region	7,064	21,257	5,081	18,347	2,033	9,209	3,275	6,691
6	Western Visayas	22,014	29,239	17,057	18,837	10,597	170	17,929	12,290
7	Central Visayas	11,359	19,298	5,149	9,249	736	1,761	2,011	12,217
8	Eastern Visayas	9,008	12,066	7,803	5,373	347	4,060	3,454	12,369
9	Western Mindanao	1,375	4,064	N.R.	1,819	4,976	3,382	4,717	2,936
10	Northern Mindanao	4,867	19,473	4,374	8,083	14,016	2,895	3,395	2,990
11	Southern Mindanao	16,696	19,809	12,944	20,839	7,009	3,997	7,760	3,842
12	Central Mindanao	736	6,659	4,705	2,420	4,193	2,679	2,663	4,570
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	1,499	1,474	771	3,318	25,386

BL - Basic Literacy.

LCL - Literacy Community Livelihood Program.

Source: Bureau of Non-Formal Education.

**Table 10.11**  
**COMPARATIVE AVERAGE GRADE OF GRADE SIX PUPILS IN THE NATIONAL**  
**ELEMENTARY ASSESSMENT TEST BY SUBJECT AREA AND BY REGION**  
**1994 to 1997**  
**(In percent)**

Region		Number of Examinees				Mathematics			
		1994	1995	1996	1997	1994	1995	1996	1997
Philippines		1,449,088	1,400,743	478,324	629,379	76.43	78.05	79.32	80.70
NCR	Metro Manila	180,005	176,564	-	80,464	78.26	79.54	-	81.39
CAR	Cordillera Administrative Region	27,392	27,315	13,665	10,651	76.90	78.62	79.57	80.77
1	Ilocos Region	91,723	91,619	38,322	38,447	76.64	78.72	79.78	80.31
2	Cagayan Valley	56,462	56,451	25,695	22,552	76.24	77.93	81.28	83.50
3	Central Luzon	154,276	121,778	44,501	60,082	76.32	76.99	79.83	80.06
4	Southern Tagalog	214,260	214,686	70,296	97,827	77.24	78.54	79.94	80.58
5	Bicol Region	107,347	104,833	44,594	44,219	74.08	76.43	78.37	80.87
6	Western Visayas	131,649	130,413	46,914	56,113	75.90	76.93	78.82	79.20
7	Central Visayas	104,103	103,882	37,195	44,924	76.46	78.13	78.58	79.35
8	Eastern Visayas	68,019	63,909	30,899	34,285	76.55	80.91	83.13	86.00
9	Western Mindanao	54,063	53,860	25,524	23,709	75.45	76.79	77.06	82.76
10	Northern Mindanao	51,993	47,361	21,311	20,795	76.33	77.78	78.93	79.58
11	Southern Mindanao	93,913	93,428	30,905	50,102	75.16	77.23	78.03	79.48
12	Central Mindanao	45,979	47,465	16,733	15,784	75.32	76.40	76.65	76.41
13	Caraga	41,026	40,885	17,152	17,311	0.00	78.34	78.07	78.81
ARMM	Autonomous Region of Muslim Mindanao	26,878	26,294	14,618	12,114	78.61	79.29	80.02	81.95

Note: The formula used in computing the Mean Percentage Grade:

a. By Subject Area: Mean Score + 60

b. By Aggregate:  $60 + (\text{Aggregate Score} \times .25)$

where : The value of 60 refers to the zero equivalent in terms of NEAT results and .25 was obtained by subtracting 60 from 100 and dividing the results (40) by the total number of scores which is 160 thus:  $(40/160 = .25)$ .

Source: National Educational Testing and Research Center.



Table 10.11 (continued)

Science				English				Hekasi				Aggregate			
1994	1995	1996	1997	1994	1995	1996	1997	1994	1995	1996	1997	1994	1995	1996	1997
78.43	80.26	78.46	81.07	76.70	77.63	77.27	79.65	78.27	79.24	76.95	79.83	69.82	74.30	78.00	80.31
80.97	83.15	-	82.75	79.28	80.10	-	80.93	81.24	81.73	-	81.09	79.75	84.52	-	81.54
80.07	81.98	79.91	82.57	78.02	79.36	78.19	80.73	77.66	79.12	76.96	79.93	72.65	79.08	76.96	79.93
78.51	80.94	78.37	80.72	76.63	77.91	77.06	79.20	78.22	79.37	77.22	79.14	70.00	76.94	77.22	79.14
78.15	79.76	79.55	83.22	76.36	76.73	78.32	82.00	77.36	78.33	78.07	81.52	68.11	72.75	78.07	81.52
77.90	79.02	79.06	80.12	76.27	76.51	77.89	79.10	78.79	79.10	77.67	79.75	69.28	71.62	77.67	79.75
79.32	80.94	79.17	80.78	77.30	78.20	77.66	79.26	80.62	81.04	78.22	80.68	74.48	78.72	78.22	80.68
75.97	77.74	77.45	80.67	74.39	75.44	76.47	79.56	76.82	78.12	76.72	80.62	61.26	67.73	76.72	80.62
78.72	79.39	78.44	80.29	76.53	76.72	77.11	78.53	78.08	78.56	77.29	79.07	69.24	71.60	77.29	79.07
78.74	80.40	77.72	80.55	76.85	77.45	76.21	78.53	75.84	77.22	75.13	76.87	67.89	73.20	75.13	76.87
78.78	82.68	81.75	85.26	77.16	80.05	80.81	85.06	77.96	81.04	79.47	84.18	70.45	84.67	79.47	84.18
76.83	78.60	76.46	82.75	75.69	76.38	75.33	81.95	75.44	76.55	74.61	80.26	63.40	68.32	74.61	80.26
78.15	79.73	78.21	79.87	76.59	77.14	77.17	77.98	76.99	78.09	76.29	78.26	68.05	72.74	76.29	78.26
76.59	78.82	77.13	79.43	75.08	76.31	75.98	78.10	76.28	77.73	75.79	78.25	63.11	70.09	75.79	78.25
76.73	77.73	76.06	77.21	75.40	75.79	74.87	75.68	76.59	77.31	75.00	75.91	64.24	67.23	75.00	75.91
0.00	80.01	77.45	79.03	0.00	78.04	76.40	77.65	0.00	81.73	75.70	77.98	0.00	75.00	75.70	77.98
80.11	80.13	78.88	81.15	79.52	79.81	79.61	80.58	79.02	78.84	75.97	79.60	77.26	78.07	75.97	79.60

**Table 10.12**  
**NUMBER OF EXAMINEES WHO PASSED THE BOARD/BAR EXAMINATIONS**  
**1983 to 1997**

Board/Bar Examination	1983	1984	1985	1986	1987	1988
Total	30,777	31,803	31,120	32,012	28,972	33,672
Agricultural Engineering	429	318	136	102	88	82
Aeronautical Engineering	38	26	35	21	27	45
Architecture	448	501	623	684	364	371
Bar	523	563	701	491	480	689
Accountancy	5,188	5,407	4,485	4,243	3,850	3,373
Chemical Engineering	1,089	1,216	911	981	692	377
Chemistry	263	241	205	120	44	114
Civil Engineering	4,554	5,680	5,575	3,936	2,675	2,119
Criminology	-	-	-	-	-	302
Customs Brokerage	239	-	192	-	144	-
Dentistry	1,320	1,468	1,566	1,654	948	2,183
Dietitian/Nutritionist	510	390	330	338	290	265
Electrical Engineering	1,934	2,661	2,818	2,575	2,619	2,574
Electronics & Communication Engineering	209	443	403	783	802	903
Forestry	293	240	286	284	85	172
Geodetic Engineering	238	382	354	355	233	347
Geology	55	58	74	53	39	36
Interior Design	11	41	32	45	39	34
Landscape Architecture	-	4	5	6	-	-
Library Science	-	-	-	-	-	-
Master Plumbing	90	55	71	29	20	14
Mechanical Engineering	2,617	2,479	2,100	2,363	2,546	2,406
Medicine (with Prelims)	1,655	1,541	1,895	3,621	1,894	2,818
Medical Technology	842	1,034	1,017	1,373	1,407	1,911
Metallurgical Engineering	10	17	17	11	23	17
Midwifery	2,588	2,135	2,475	2,486	3,629	4,273
Mining Engineering	101	88	73	88	77	50
Naval Architecture & Marine Engineering	37	44	23	29	11	18
Nursing	3,853	2,977	3,094	3,773	4,452	6,351
Optometry	265	324	265	226	251	227
Pharmacy	605	680	476	608	506	864
Physical Therapy/Occupational Therapy	94	154	171	189	156	157
Radiology/X-ray Technician	-	-	-	-	-	-
Sanitary Engineering	-	-	-	-	-	-
Social Work	472	434	425	307	246	275
Sugar Technology	9	-	-	-	-	-
Veterinary Medicine	198	202	287	258	335	305

Sources: Professional Regulation Commission and Supreme Court of the Philippines.

Table 10.12 (continued)

1989	1990	1991	1992	1993	1994	1995	1996	1997
35,585	42,301	43,362	49,136	49,137	57,033	54,746	42,059	36,458
77	102	95	65	76	101	62	191	208
18	33	12	39	20	36	22	22	15
369	317	406	314	279	431	553	601	666
639	866	649	499	725	1,030	967	1,217	710
2,638	1,905	1,611	1,379	1,495	1,371	1,083	1,427	1,715
432	458	377	482	451	293	444	363	394
86	88	63	61	78	121	127	134	187
2,604	2,976	3,337	2,563	1,996	2,362	3,159	3,171	2,482
150	73	220	134	230	409	767	814	1,082
-	156	90	52	-	57	112	123	163
1,225	2,028	1,986	1,113	1,148	882	1,087	1,516	1,503
306	205	265	183	216	262	322	490	370
2,261	4,472	2,837	2,413	2,448	2,762	2,553	1,929	1,728
1,010	1,110	1,135	720	925	1,237	1,935	1,693	1,810
55	64	65	59	107	176	363	320	360
231	322	303	508	518	590	622	574	504
15	24	10	16	17	12	9	17	24
36	48	42	35	29	23	25	30	22
7	2	4	6	2	6	9	6	6
			124	14	101	136	186	245
47	43	23	26	28	27	35	53	59
981	3,921	793	448	593	1,530	1,716	1,602	1,452
2,537	2,200	2,440	2,550	2,302	2,481	2,106	2,225	1,864
2,336	1,564	1,745	1,325	1,311	1,639	2,350	1,032	1,445
12	10	13	17	11	11	20	21	20
6,352	8,047	6,700	6,695	6,904	9,238	7,502	4,515	3,134
57	25	43	48	24	19	4	12	10
8	2	2	6	3	14	5	5	7
9,138	9,101	16,334	24,654	24,880	25,477	22,532	13,658	9,776
315	281	302	283	154	389	306	293	254
813	1,093	860	1,543	1,348	1,193	1,379	1,170	1,473
259	228	221	333	490	556	668	813	1,092
					1,672	1,151	1,055	819
					56	45	40	39
254	339	211	268	169	344	467	568	642
-	1	-	-	-	-	0	0	0
317	197	168	175	146	125	103	173	178

**Table 10.13**  
**BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE, AND**  
**SPORTS AS A PERCENTAGE OF THE NATIONAL GOVERNMENT BUDGET <sup>1</sup>**  
**1960 to 1997**

Year	National Budget (in thousand pesos)	DECS Budget (in thousand pesos)	Percent of the National Government Budget
1960	899,676	247,387	27.50
1961	1,092,919	306,880	28.08
1962	1,189,618	352,030	29.59
1963	1,382,979	404,771	29.27
1964	1,972,081	507,155	25.72
1965	2,102,364	555,250	26.41
1966	2,003,049	596,212	29.77
1967	2,073,825	646,124	31.16
1968	2,276,471	688,910	30.26
1969	2,904,718	780,265	26.86
1970	3,323,699	829,945	24.97
1971	3,716,216	1,004,394	27.03
1972	5,562,000	1,093,620	19.66
1973	7,909,000	1,296,696	16.40
1974	12,897,000	1,496,355	11.60
1975	16,684,000	1,643,183	9.85
1976	29,843,000	1,681,387	5.63
1977	28,577,000	2,040,000	7.14
1978	33,951,892	3,255,259	9.59
1979	34,289,000	3,694,840	10.78
1980	39,792,271	3,661,917	9.20
1981	54,945,319	4,088,356	7.44
1982	59,749,018	4,671,834	7.82
1983	65,000,000	5,758,267	8.86
1984	59,500,000	5,968,122	10.03
1985	67,325,000	6,513,534	9.67
1986	92,887,963	9,166,679	9.87
1987	88,984,273	12,916,229	14.52
1988	169,728,000	15,889,727	9.36
1989	228,940,000	25,040,675	10.94
1990	233,507,847	28,177,760	12.07
1991	254,343,983	32,949,919	12.95
1992	308,368,476	34,531,399	11.20
1993	330,237,082	35,164,138	10.65
1994	362,038,357	39,123,319	10.81
1995	384,713,251	46,489,216	12.08
1996	415,557,000	50,405,788	12.13
1997	476,170,000	72,640,479	15.26

1 - Current Program.

Source: Department of Budget and Management.

# 11 LABOR AND EMPLOYMENT

Our national development plan reflects the importance of providing employment to the growing working population, with the objective of raising the level of per capita income in order to promote people's well-being. Comprehensive statistics on the economic characteristics of the working population is therefore essential for the formulation, as well as appraisal of the country's development program with respect to employment aspects.

Statistics on the labor force and its characteristics is vital not only in planning for manpower development but also in estimating labor demand and supply projections. The major source of data on labor and employment is the Labor Force Survey, a module under the Integrated Survey of Households which is conducted quarterly by the National Statistics Office. Included in this publication are statistics on employment status by urbanity, by sex, by region, by major industry, and by major occupation group. Meanwhile, data relating to overseas contract workers (OCW) classified whether processed or deployed, whether land-based or sea-based, and by major world groupings are likewise reflected. The OCW information were sourced from the administrative forms of the Philippine Overseas Employment Administration.

Other indicators useful in analyzing the country's employment situation pertain to data on labor relations and welfare. Specifically, such data include number and membership of existing local/independent public sector unions by region and number of collective bargaining agreements filed, and workers covered by region, generated from the administrative forms of the Bureau of Labor Relations. Statistics regarding the number of strikes/lockout notices filed and details on actual strikes for the whole Philippines are generated by the National Conciliation and Mediation Board, an attached agency of the Department of Labor and Employment.

Also included in this chapter are wage data, specifically nominal and real minimum wage rates broken down into agriculture and non-agriculture sectors by region which are provided by the National Wages and Productivity Commission.

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**Table 11.1**  
**HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY EMPLOYMENT STATUS AND**  
**BY REGION**  
**1988 to 1997**

Employment Status	Year	Philippines	National Capital Region	Cordillera Administrative Region *	Region 1	Region 2	Region 3
Projected household population, 15 years old and over							
Number (in thousands)	1988	35,865	5,005	678	2,096	1,409	3,629
	1989	36,916	5,148	695	2,147	1,453	3,741
	1990	37,999	5,295	714	2,199	1,498	3,856
	1991	39,114	5,447	733	2,251	1,545	3,975
	1992	40,265	5,609	753	2,304	1,592	4,097
	1993	41,453	5,781	773	2,358	1,641	4,222
	1994	42,670	5,969	794	2,411	1,691	4,350
	1995	42,770	6,164	815	2,464	1,741	3,365
	1996	45,034	6,338	835	2,517	1,787	4,589
	1997	46,214	6,516	855	2,572	1,835	4,707
Percent in the labor force	1988	65.4	60.2	70.5	64.4	69.9	61.9
	1989	64.6	58.5	69.1	63.0	68.4	61.6
	1990	64.5	59.8	73.9	62.1	66.7	62.2
	1991	64.5	61.6	69.2	62.4	66.9	62.6
	1992	65.0	61.5	69.6	61.6	70.3	61.5
	1993	64.7	59.5	68.4	62.4	72.2	59.5
	1994	64.4	60.1	66.0	60.6	72.7	60.5
	1995	65.6	60.0	71.2	64.7	71.3	62.8
	1996	65.8	62.5	68.9	67.4	70.6	61.3
	1997	65.5	63.4	66.7	66.2	69.8	60.9
Percent of labor force:							
Employment Rate	1988	91.7	82.8	95.2	92.4	95.0	90.4
	1989	91.6	84.1	95.4	92.9	95.2	90.3
	1990	91.9	85.9	96.2	92.5	95.4	90.1
	1991	91.0	84.6	95.5	92.2	92.3	88.2
	1992	91.4	84.3	95.0	93.1	94.2	87.9
	1993	91.1	83.9	94.7	91.1	96.0	87.7
	1994	91.6	83.8	94.8	93.2	95.4	88.7
	1995	91.6	84.2	93.8	92.3	97.3	91.0
	1996	92.6	88.4	93.0	93.8	97.1	91.4
	1997	92.1	85.5	93.3	92.1	96.4	91.3
Unemployment Rate	1988	8.3	17.2	4.8	7.6	5.0	9.6
	1989	8.4	15.9	4.6	7.1	4.8	9.7
	1990	8.1	14.1	3.8	7.4	4.7	9.9
	1991	9.0	15.4	4.5	7.8	7.7	11.8
	1992	8.6	15.7	5.0	6.9	5.8	12.1
	1993	8.9	16.1	5.3	8.9	4.0	12.3
	1994	8.4	16.2	5.2	6.7	4.6	11.3
	1995	8.4	15.8	6.2	7.7	2.7	9.0
	1996	7.4	11.6	7.0	6.2	2.9	8.6
	1997	7.9	14.5	6.7	7.9	3.6	8.7
Percent of employed:							
Underemployment Rate	1988	23.3	16.0	17.7	29.2	12.8	16.2
	1989	23.3	13.7	22.7	28.4	21.7	15.5
	1990	22.1	13.1	17.8	22.2	21.4	15.9
	1991	22.1	10.1	16.1	24.2	21.4	18.4
	1992	19.9	7.0	23.3	11.4	16.6	16.1
	1993	21.4	6.4	21.6	17.9	19.9	11.3
	1994	20.9	7.7	20.1	15.2	22.8	10.8
	1995	19.8	6.0	17.1	13.0	17.5	13.3
	1996	19.4	5.9	22.4	15.2	19.1	12.7
	1997	20.8	13.7	14.7	15.3	17.2	9.1



Table 11.1 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13 <sup>c</sup>	ARMM <sup>b</sup>
4,690	2,417	3,234	2,736	1,920	1,812	2,078	2,501	1,661	-	<sup>b</sup>
4,850	2,488	3,320	2,805	1,969	1,864	2,145	2,578	1,714	-	<sup>b</sup>
5,015	2,562	3,408	2,876	2,019	1,919	2,214	2,658	1,769	-	<sup>b</sup>
5,186	2,639	3,498	2,949	2,070	1,541	2,285	2,739	1,207	-	1,052
5,367	2,718	3,590	3,025	2,121	1,587	2,357	2,822	1,245	-	1,081
5,546	2,800	3,684	3,103	2,171	1,636	2,432	2,908	1,283	-	1,113
5,733	2,882	3,780	3,184	2,221	1,688	2,508	2,995	1,323	-	1,141
5,918	2,961	3,877	3,263	2,267	1,739	2,583	3,081	1,363	-	1,169
6,093	3,038	3,977	3,336	2,315	1,784	1,689	2,811	1,402	1,323	1,198
6,272	3,116	4,079	3,411	2,364	1,831	1,737	2,887	1,442	1,361	1,227
64.5	69.4	64.9	67.9	74.8	60.7	67.4	68.3	64.7	-	<sup>b</sup>
63.1	70.0	65.0	66.2	71.8	62.3	68.9	67.1	65.1	-	<sup>b</sup>
64.2	68.3	65.0	65.1	71.0	59.7	69.0	67.1	63.3	-	<sup>b</sup>
63.5	68.3	65.0	65.4	68.7	59.6	68.2	66.1	70.1	-	57.3
64.5	69.1	66.1	65.6	67.3	61.8	68.4	68.3	71.3	-	57.6
65.0	68.5	65.6	67.3	67.3	62.2	69.3	69.2	65.9	-	57.4
63.7	69.4	65.4	65.9	64.8	62.0	66.7	70.1	68.9	-	57.7
65.3	68.9	65.8	65.5	68.0	63.5	69.3	69.8	70.5	-	57.3
65.6	69.3	62.8	64.6	70.8	61.6	74.4	71.5	67.0	71.1	57.7
65.1	67.2	66.3	65.2	66.5	62.6	73.3	70.9	66.7	68.0	55.7
91.6	94.3	92.7	94.3	94.0	94.8	92.3	91.9	95.3	-	<sup>b</sup>
91.1	93.8	91.5	94.2	91.9	94.8	93.0	92.1	95.0	-	<sup>b</sup>
91.3	94.4	92.3	92.6	94.1	94.1	92.7	92.3	95.4	-	<sup>b</sup>
89.6	94.1	92.7	92.3	94.2	94.0	92.3	91.5	93.1	-	98.2
91.6	94.4	92.0	92.1	93.3	94.2	94.1	90.5	95.3	-	98.1
91.5	94.7	92.3	91.4	94.3	93.4	91.7	91.4	93.6	-	97.0
91.1	95.8	92.6	91.1	94.1	94.3	92.8	92.1	95.8	-	98.3
91.0	93.4	91.1	91.1	94.1	93.4	94.5	92.8	94.7	-	99.4
92.9	93.5	92.4	91.7	92.3	95.4	94.4	93.1	94.8	93.0	97.4
92.5	94.4	93.0	92.4	92.7	94.5	94.6	93.4	94.7	91.9	96.8
8.4	5.7	7.3	5.7	6.0	5.2	7.7	8.1	4.7	-	<sup>b</sup>
8.9	6.2	8.5	5.8	8.0	5.2	7.0	7.9	5.0	-	<sup>b</sup>
8.7	5.6	7.7	7.4	5.9	5.9	7.3	7.7	4.5	-	<sup>b</sup>
10.4	5.9	7.3	7.7	5.8	6.1	7.7	8.5	6.9	-	1.8
8.4	5.6	8.0	7.9	6.7	5.8	5.9	9.5	4.7	-	1.9
8.5	5.3	7.7	8.6	5.7	6.6	8.3	8.6	6.4	-	3.1
8.9	4.2	7.4	8.9	5.9	5.7	7.2	7.9	4.2	-	1.7
9.0	6.6	8.9	8.9	5.9	6.6	5.5	7.2	5.3	-	0.6
7.1	6.5	7.6	8.3	7.7	4.6	5.6	6.9	5.2	7.0	2.6
7.5	5.6	7.0	7.6	7.3	5.5	5.4	6.6	5.3	8.1	3.2
24.6	32.8	32.9	11.5	30.5	12.2	26.2	26.4	35.1	-	<sup>b</sup>
23.2	35.8	28.1	10.1	27.1	22.3	25.9	28.7	35.3	-	<sup>b</sup>
21.8	35.2	27.4	5.8	29.1	17.2	27.4	29.5	35.2	-	<sup>b</sup>
18.9	35.8	28.3	7.4	25.8	23.3	18.8	33.7	40.6	-	<sup>b</sup>
19.7	32.8	27.5	5.8	21.6	19.5	27.7	30.1	37.4	-	17.7
21.4	39.2	28.4	13.4	25.0	20.0	26.5	33.0	28.7	-	22.9
19.3	39.4	23.3	5.6	27.1	22.1	25.2	37.2	37.8	-	20.6
19.3	35.2	23.3	8.4	23.6	20.8	21.8	37.7	30.8	-	19.5
16.4	36.8	20.6	9.0	25.1	23.3	33.6	32.1	28.6	20.6	22.1
18.6	34.2	24.1	15.0	24.4	23.2	37.8	34.0	30.6	19.9	15.3

Table 11.1 (continued)

**HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY EMPLOYMENT STATUS AND BY REGION**  
1988 to 1997

Employment Status	Year	Philippines	National Capital Region	Cordillera Administrative Region <sup>a</sup>	Region 1	Region 2	Region 3
<b>Visible Underemployment</b>							
Rate	1988	11.6	3.4	3.5	14.7	7.1	7.5
	1989	11.2	2.4	1.5	12.1	11.8	7.7
	1990	10.4	2.6	4.1	9.7	11.0	7.2
	1991	10.7	3.5	1.9	12.0	8.5	9.4
	1992	9.9	3.9	2.2	6.7	10.4	6.1
	1993	11.1	2.1	4.2	10.7	13.4	5.8
	1994	10.4	3.1	4.6	7.0	13.0	5.0
	1995	9.8	1.9	3.9	6.3	11.0	6.1
	1996	10.1	1.7	8.6	8.6	13.0	6.4
	1997	10.5	4.0	4.6	7.8	10.8	3.9
<b>Agriculture</b>							
	1988	46.1	1.9	56.9	56.2	64.6	37.0
	1989	45.1	1.3	60.7	54.4	63.7	36.0
	1990	45.2	1.4	62.7	54.2	61.0	35.1
	1991	45.3	1.3	61.0	53.6	59.7	34.9
	1992	45.4	1.2	66.7	52.5	63.5	33.4
	1993	45.8	1.4	65.7	52.9	68.4	35.1
	1994	44.7	1.2	67.6	51.2	67.0	33.0
	1995	44.1	1.5	64.2	51.6	66.2	36.5
	1996	41.7	1.4	61.3	49.3	65.7	28.3
	1997	63.3	1.4	62.5	60.2	82.7	33.3
<b>Non-agriculture</b>							
	1988	53.9	98.1	43.1	43.8	35.4	63.0
	1989	54.9	98.7	39.3	45.6	36.3	64.0
	1990	54.8	98.6	37.3	45.8	39.0	64.9
	1991	54.7	98.7	39.5	46.4	40.2	65.1
	1992	54.6	98.8	33.3	47.5	36.5	66.6
	1993	54.2	98.6	34.3	47.1	31.6	64.9
	1994	55.3	98.8	32.4	48.8	33.0	67.0
	1995	55.9	98.5	35.8	48.4	33.8	63.5
	1996	58.3	98.5	38.7	50.7	34.3	71.7
	1997	36.8	98.6	37.5	39.8	17.3	67.7

a - The Cordillera Administrative Region (CAR) was formally recognized as a separate region in 1988. CAR is composed of the following provinces: Abra, Benguet, Ifugao, Kalinga Apayao and Mt. Province.

b - The Autonomous Region for Muslim Mindanao (ARMM) was formally recognized as a separate region in 1990. ARMM is composed of the following provinces: Lanao del Sur (excluding Marawi City), Sulu, Tawi-tawi and Maguindanao Provinces (excluding Cotabato City).

c - Region 13 or the Caraga Administrative Region was formally recognized as a separate region in 1995. Region 13 is composed of the provinces of Agusan del Norte, Agusan del Sur, Surigao del Norte, and Surigao del Sur and the cities of Butuan and Surigao.

Notes: 1. Data on household population 15 years old and over were based on the series of population projections using medium assumption adopting the 1980 CPH results.

2. Data were taken from the final results of the October rounds of the Labor Force Survey (LFS) using past week as reference period.

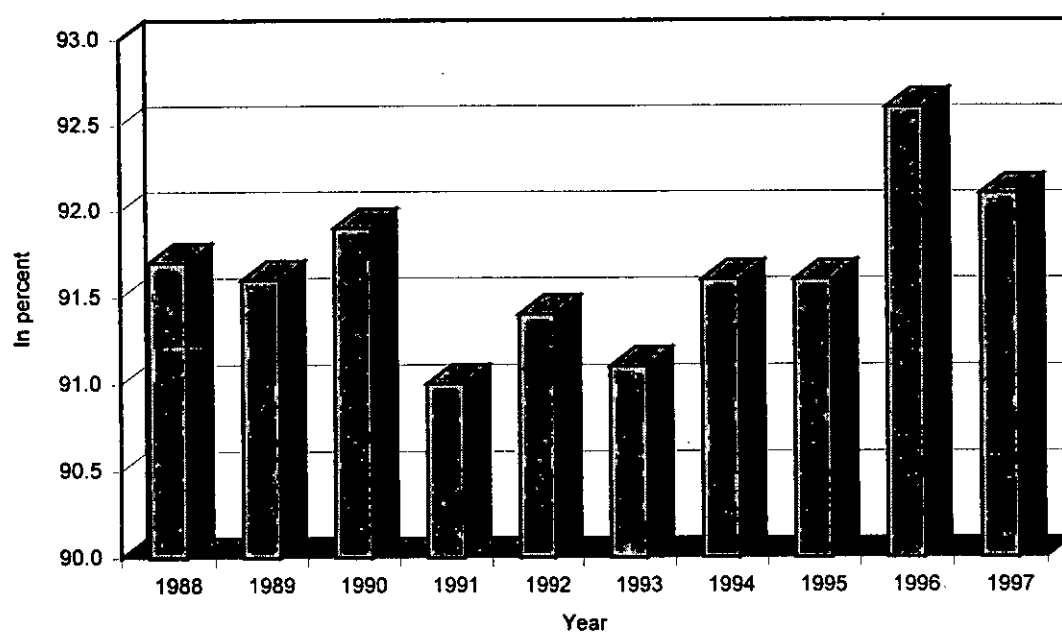
3. Details may not add up to totals due to rounding.

Source: National Statistics Office.

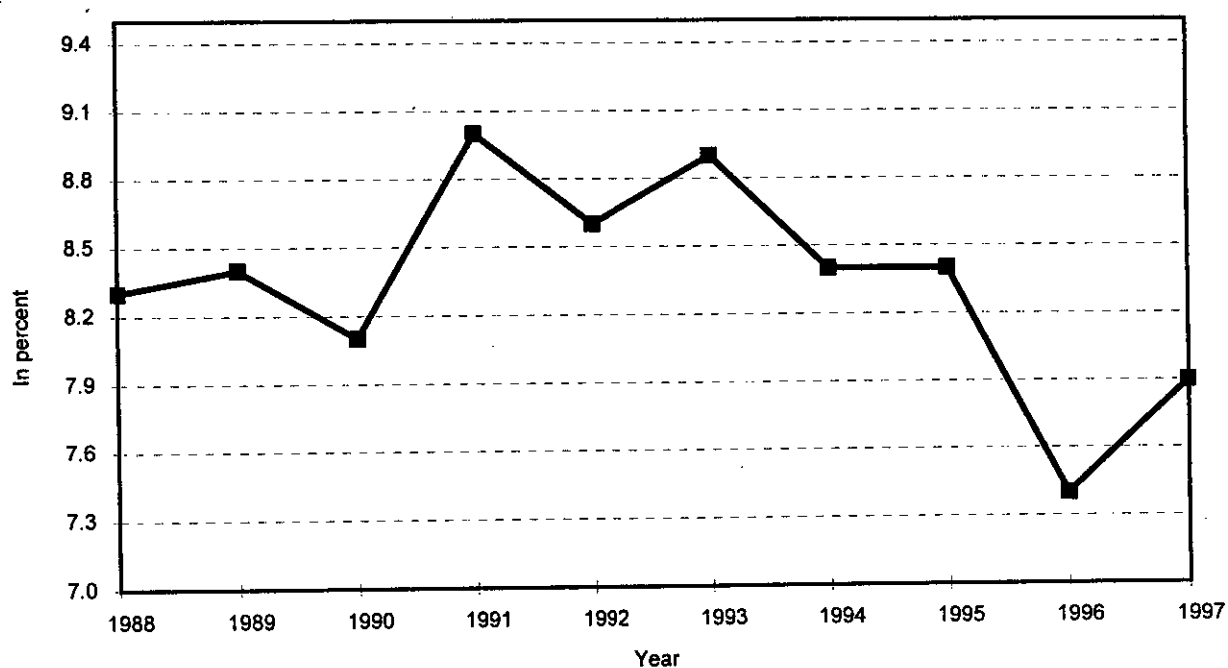
Table 11.1 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13 <sup>c</sup>	ARMM <sup>b</sup>
12.9	17.2	19.8	7.5	16.6	4.6	12.3	13.3	20.4	-	b
12.5	19.2	16.9	4.8	13.6	8.1	11.9	13.6	21.2	-	b
11.5	17.2	15.6	2.4	13.8	5.5	12.7	14.6	20.8	-	b
9.5	16.1	16.5	3.9	13.6	9.0	8.2	15.8	32.2	-	7.6
9.5	16.4	16.3	3.2	11.3	8.4	10.8	14.4	25.9	-	8.3
10.3	20.5	18.4	6.4	12.3	9.6	11.9	16.5	22.2	-	7.3
8.1	19.6	15.4	2.7	11.1	10.9	12.9	20.1	22.8	-	5.9
7.9	17.0	14.1	3.6	12.3	10.0	11.2	20.0	19.1	-	7.7
8.6	19.6	13.0	3.9	12.3	11.0	17.4	16.3	15.8	12.8	6.9
8.8	18.5	14.0	6.8	14.1	13.1	18.7	17.4	19.5	12.1	4.7
37.9	55.9	57.3	49.3	62.3	61.0	51.9	55.6	60.5	-	b
36.6	53.8	54.0	49.7	62.3	60.2	51.5	53.3	60.6	-	b
38.4	55.4	55.7	48.1	61.2	60.9	54.1	53.6	61.3	-	b
37.7	54.3	56.8	46.3	59.8	57.5	56.2	54.3	64.8	-	78.5
37.1	54.6	54.6	47.1	60.6	60.3	58.1	54.5	62.7	-	78.4
36.4	55.8	55.3	46.6	62.9	56.2	58.6	54.4	60.2	-	71.8
35.9	55.8	52.7	47.6	59.3	54.5	55.4	52.0	61.2	-	77.4
34.8	51.7	52.6	42.7	59.5	54.4	52.9	50.5	62.3	-	76.3
31.3	50.3	53.1	41.4	59.7	55.1	53.3	52.0	54.5	56.5	71.3
47.0	66.7	67.1	71.2	75.1	83.9	76.9	63.1	76.4	62.1	87.1
62.1	44.1	42.7	50.7	37.7	39.0	48.1	44.4	39.5	-	b
63.4	46.2	46.0	50.3	37.7	39.8	48.5	46.7	39.4	-	b
61.6	44.6	44.3	41.9	38.8	39.1	45.9	46.4	38.7	-	b
62.4	45.6	43.1	53.7	40.2	42.5	43.9	45.7	35.2	-	21.4
62.9	45.4	45.4	52.9	39.4	39.7	41.9	45.5	37.3	-	21.7
63.6	44.2	44.7	53.4	37.1	43.8	41.3	45.6	39.8	-	28.2
64.1	44.2	47.3	52.4	40.7	45.5	44.6	48.0	38.8	-	22.6
65.2	48.3	47.4	57.3	40.5	45.6	47.1	49.5	37.7	-	23.7
68.7	49.7	46.0	58.7	40.3	44.9	46.7	48.1	45.5	28.8	43.7
53.0	33.3	32.9	28.8	24.9	16.1	23.1	36.9	23.6	37.9	12.9

**Figure 11.1** EMPLOYMENT RATE, PHILIPPINES: 1988 to 1997



**Figure 11.2** UNEMPLOYMENT RATE, PHILIPPINES:  
1988 to 1997



**Table 11.2**  
**LABOR FORCE PARTICIPATION RATE AND EMPLOYMENT STATUS**  
**URBAN AND RURAL**  
**1988 to 1997**  
**(Number in thousands)**

Year/Area	Labor Force articipation Rate (Percent)	Total Labor Force	Labor Force by Employment Status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
Philippines						
1988	65.4	23,451	21,497	91.7	1,954	8.3
1989	64.6	23,858	21,849	91.6	2,009	8.4
1990	64.5	24,525	22,532	91.9	1,993	8.1
1991	64.5	25,246	22,979	91.0	2,267	9.0
1992	65.0	26,180	23,917	91.4	2,263	8.6
1993	64.7	26,822	24,443	91.1	2,379	8.9
1994	64.4	27,483	25,166	91.6	2,317	8.4
1995	65.6	28,040	25,698	91.6	2,342	8.4
1996	65.8	29,637	27,442	92.6	2,195	7.4
1997	65.5	30,265	27,888	92.1	2,377	7.9
Urban						
1988	61.9	8,821	7,732	87.7	1,089	12.3
1989	61.3	9,060	7,998	88.3	1,062	11.7
1990	61.2	9,339	8,258	88.4	1,081	11.6
1991	62.3	12,334	10,864	88.1	1,470	11.9
1992	62.4	12,692	11,248	88.6	1,444	11.4
1993	61.7	12,973	11,443	88.2	1,530	11.8
1994	61.6	13,297	11,751	88.4	1,546	11.6
1995	62.6	13,542	12,045	88.9	1,497	11.1
1996	63.7	13,826	12,505	90.4	1,321	9.6
1997	63.1	14,180	12,688	89.5	1,492	10.5
Rural						
1988	67.7	14,631	13,766	94.1	865	5.9
1989	66.9	14,799	13,851	93.6	948	6.4
1990	66.8	15,185	14,273	94.0	912	6.0
1991	66.9	12,913	12,116	93.8	797	6.2
1992	67.7	13,487	12,669	93.9	818	6.1
1993	67.8	13,849	13,000	93.9	849	6.1
1994	67.3	14,185	13,414	94.6	771	5.4
1995	68.6	14,497	13,652	94.2	845	5.8
1996	68.5	15,811	14,937	94.5	874	5.5
1997	67.7	16,084	15,200	94.5	884	5.5

Notes: 1. Data were taken from the final results of the October rounds of the Labor Force Survey (LFS) using past week as reference period.

2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

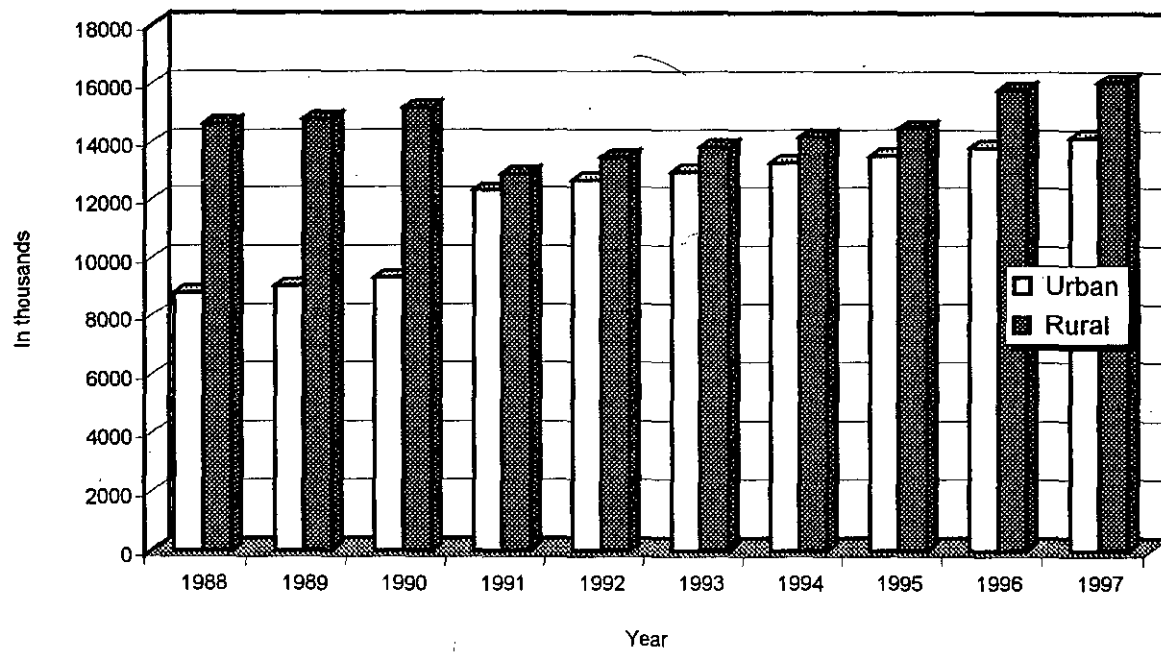
**Table 11.3**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP BY SEX**  
**1991 to 1997**  
**(In thousands)**

Major Industry Group and Sex	January 1991	April 1991	July 1991	October 1991	January 1992	April 1992	July 1992	October 1992
Both Sexes	22,533	23,560	22,586	22,979	23,032	23,936	23,898	23,917
Agriculture, fishery and forestry	9,999	10,538	10,219	10,403	10,297	10,873	10,867	10,869
Mining and quarrying	130	150	132	150	146	153	146	143
Manufacturing	2,292	2,434	2,378	2,391	2,452	2,559	2,535	2,546
Electricity, gas and water	97	102	99	99	96	93	84	92
Construction	974	1,033	1,019	1,046	1,084	1,074	1,055	1,035
Wholesale and retail trade	3,228	3,409	3,065	3,172	3,177	3,320	3,325	3,283
Transportation, storage & communication	1,170	1,148	1,106	1,143	1,150	1,229	1,217	1,221
Financing, insurance, real estate, and business services	476	467	464	451	454	427	445	452
Community, social and personal services	4,159	4,263	4,093	4,116	4,163	4,193	4,202	4,254
Industry not adequately defined or reported	8	15	10	9	15	16	23	21
Male	14,295	14,802	14,380	14,642	14,717	15,233	15,155	15,147
Agriculture, fishery and forestry	7,521	7,786	7,745	7,896	7,843	8,154	8,114	8,086
Mining and quarrying	120	132	123	138	128	131	136	133
Manufacturing	1,225	1,268	1,261	1,284	1,333	1,361	1,367	1,385
Electricity, gas and water	83	86	83	84	79	80	73	80
Construction	959	1,015	999	1,023	1,061	1,056	1,034	1,014
Wholesale and retail trade	1,158	1,198	1,048	1,026	1,045	1,107	1,106	1,093
Transportation, storage & communication	1,117	1,093	1,058	1,095	1,095	1,172	1,165	1,166
Financing, insurance, real estate, and business services	291	284	279	280	274	256	274	281
Community, social and personal services	1,816	1,929	1,775	1,807	1,848	1,901	1,867	1,891
Industry not adequately defined or reported	6	11	9	8	11	14	17	17
Female	8,237	8,758	8,206	8,337	8,315	8,703	8,743	8,770
Agriculture, fishery and forestry	2,478	2,752	2,474	2,506	2,454	2,719	2,753	2,784
Mining and quarrying	9	18	9	12	19	22	10	11
Manufacturing	1,068	1,167	1,116	1,107	1,119	1,198	1,168	1,160
Electricity, gas and water	14	15	16	15	16	13	10	12
Construction	15	19	20	23	22	19	21	21
Wholesale and retail trade	2,070	2,212	2,017	2,146	2,132	2,214	2,218	2,190
Transportation, storage & communication	53	55	48	47	55	56	52	55
Financing, insurance, real estate, and business services	185	183	186	171	179	170	171	171
Community, social and personal services	2,343	2,334	2,318	2,309	2,316	2,291	2,334	2,363
Industry not adequately defined or reported	2	4	1	1	4	2	6	4

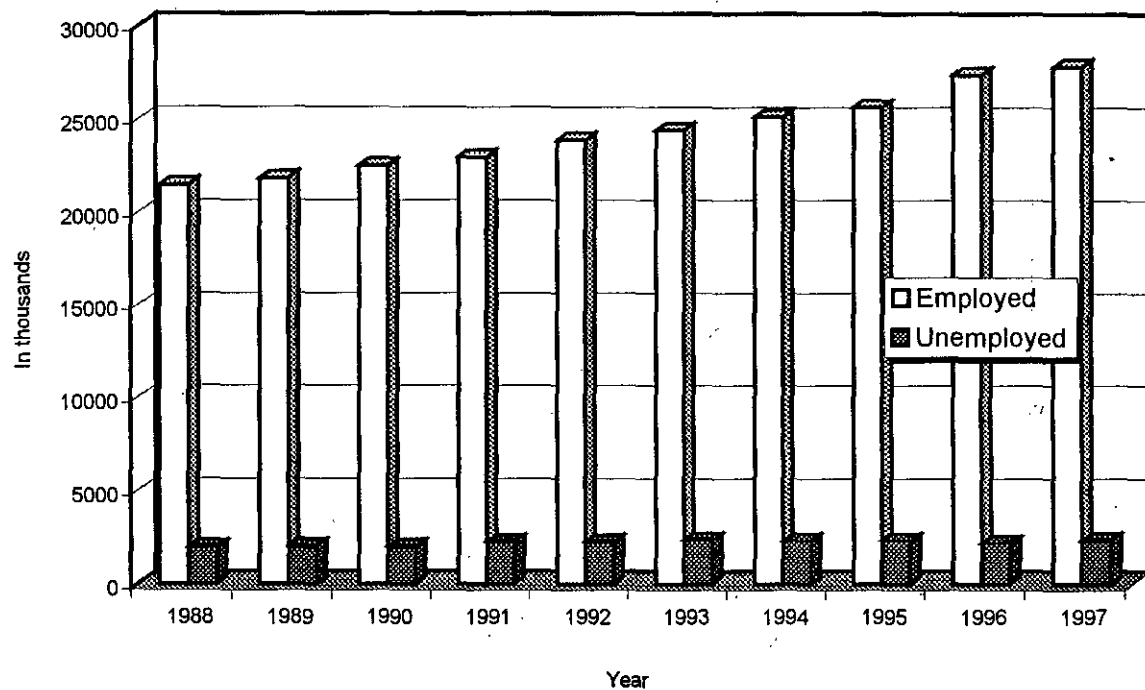
Table 11.3 (continued)

January 1993	April 1993	July 1993	October 1993	January 1994	April 1994	July 1994	October 1994	January 1995	April 1995	July 1995
23,972	24,610	24,504	24,443	24,673	25,562	24,725	25,166	25,194	25,724	26,090
10,919	11,224	11,219	11,194	11,153	11,790	10,951	11,249	10,854	11,043	11,367
142	136	132	130	129	112	101	101	110	109	113
2,455	2,504	2,413	2,455	2,480	2,578	2,515	2,582	2,623	2,684	2,589
105	95	102	106	109	112	125	101	111	122	118
1,081	1,134	1,124	1,102	1,146	1,234	1,182	1,187	1,271	1,387	1,310
3,255	3,446	3,439	3,415	3,489	3,531	3,496	3,563	3,642	3,815	3,867
1,225	1,266	1,315	1,359	1,387	1,415	1,366	1,402	1,423	1,457	1,539
514	504	497	496	481	487	499	494	537	514	538
4,258	4,292	4,250	4,174	4,291	4,296	4,476	4,480	4,619	4,585	4,636
17	10	13	13	8	8	15	8	5	8	13
15,219	15,619	15,606	15,468	15,678	16,223	15,664	15,985	16,061	16,421	16,613
8,094	8,317	8,293	8,263	8,295	8,666	8,250	8,446	8,232	8,275	8,516
130	121	118	119	121	101	93	95	103	100	103
1,327	1,305	1,297	1,321	1,349	1,401	1,349	1,391	1,405	1,449	1,396
90	82	90	90	89	93	106	83	94	98	93
1,065	1,114	1,103	1,080	1,123	1,212	1,163	1,166	1,244	1,358	1,289
1,090	1,205	1,251	1,168	1,192	1,228	1,158	1,201	1,248	1,334	1,321
1,169	1,202	1,251	1,299	1,323	1,351	1,299	1,343	1,359	1,392	1,459
325	306	312	298	293	300	303	296	314	315	314
1,915	1,958	1,880	1,821	1,888	1,865	1,934	1,959	2,061	2,093	2,113
14	9	11	10	6	6	10	5	2	7	9
8,753	8,991	8,977	8,975	8,995	9,339	9,061	9,181	9,133	9,303	9,476
2,826	2,907	2,926	2,931	2,858	3,124	2,701	2,803	2,622	2,768	2,851
12	15	14	11	8	12	8	6	7	8	9
1,128	1,199	1,136	1,134	1,131	1,177	1,166	1,191	1,218	1,235	1,193
15	12	12	16	20	19	19	18	18	25	25
16	21	21	22	24	22	19	21	27	29	21
2,165	2,240	2,247	2,247	2,297	2,303	2,338	2,362	2,394	2,481	2,546
56	64	63	60	64	64	67	58	64	65	80
189	198	185	198	187	187	196	198	223	199	223
2,343	2,334	2,370	2,352	2,403	2,431	2,542	2,521	2,559	2,492	2,523
3	1	2	4	3	1	5	3	3	2	4

**Figure 11.3 TOTAL LABOR FORCE, URBAN AND RURAL:  
1988 to 1997**



**Figure 11.4 NUMBER OF LABOR FORCE BY EMPLOYMENT STATUS,  
PHILIPPINES: 1988 to 1997**





**Table 11.3 (continued)**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP BY SEX**  
**1991 to 1997**  
**(In thousands)**

Major Industry Group and Sex	October 1995	January 1996	April 1996	July 1996	October 1996	April 1997	July 1997	October 1997
Both Sexes	25,698	26,527	27,357	27,419	27,442	28,105	27,531	27,888
Agriculture, fishery and forestry	11,323	11,486	11,485	11,668	11,451	11,601	10,987	11,260
Mining and quarrying	95	87	122	127	115	134	133	124
Manufacturing	2,571	2,645	2,627	2,754	2,756	2,791	2,697	2,755
Electricity, gas and water	103	112	102	134	123	139	125	139
Construction	1,239	1,412	1,448	1,583	1,573	1,677	1,701	1,641
Wholesale and retail trade	3,745	3,954	4,098	3,938	4,062	4,154	4,129	4,219
Transportation, storage & communication	1,489	1,606	1,622	1,637	1,657	1,768	1,750	1,769
Financing, insurance, real estate, and business services	551	535	605	637	681	700	676	680
Community, social and personal services	4,559	4,686	4,755	4,938	5,019	5,134	5,328	5,296
Industry not adequately defined or reporte	21	5	3	4	5	7	6	5
Male	16,193	16,733	17,177	17,463	17,308	17,815	17,327	17,437
Agriculture, fishery and forestry	8,370	8,449	8,753	8,595	8,384	8,494	8,148	8,295
Mining and quarrying	87	79	115	112	103	117	123	113
Manufacturing	1,363	1,441	1,413	1,525	1,536	1,553	1,494	1,489
Electricity, gas and water	85	100	91	119	108	121	107	119
Construction	1,219	1,383	1,419	1,553	1,552	1,644	1,665	1,606
Wholesale and retail trade	1,272	1,345	1,344	1,417	1,420	1,550	1,451	1,493
Transportation, storage & communication	1,421	1,525	1,547	1,557	1,580	1,673	1,648	1,676
Financing, insurance, real estate, and business services	334	323	369	380	421	396	394	404
Community, social and personal services	2,029	2,085	2,125	2,201	2,202	2,264	2,294	2,239
Industry not adequately defined or reporte	11	4	2	3	2	2	4	4
Female	9,505	9,794	10,180	9,956	10,134	10,289	10,204	10,451
Agriculture, fishery and forestry	2,954	3,037	3,223	3,073	3,068	3,107	2,839	2,965
Mining and quarrying	8	8	7	15	13	17	10	11
Manufacturing	1,208	1,204	1,213	1,229	1,221	1,238	1,203	1,265
Electricity, gas and water	18	13	12	14	15	18	18	20
Construction	19	29	29	30	21	33	36	35
Wholesale and retail trade	2,473	2,610	2,754	2,521	2,642	2,603	2,678	2,726
Transportation, storage & communication	69	81	75	80	77	94	102	94
Financing, insurance, real estate, and business services	217	212	237	257	259	304	282	277
Community, social and personal services	2,530	2,601	2,630	2,737	2,817	2,870	3,034	3,057
Industry not adequately defined or reporte	10	-	1	1	2	4	2	2

Notes: 1. Data were taken from the quarterly results of the LFS using past week as reference period.

2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

**Table 11.4**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP, BY MAJOR OCCUPATION GROUP**  
**AND BY REGION**  
**OCTOBER 1997**  
**(In thousands)**

Major Industry/Occupation Group	Total	National Capital Region	Cordillera Administrative Region	Region 1	Region 2	Region 3
Industry	27,888	3,533	532	1,568	1,235	2,617
Agriculture, fishery and forestry	11,260	35	316	788	806	687
Mining and quarrying	124	5	16	6	*	6
Manufacturing	2,755	633	18	99	37	388
Electricity, gas and water	139	16	3	8	2	15
Construction	1,641	248	24	91	53	280
Wholesale and retail trade	4,219	767	41	216	134	418
Transportation, storage and communication	1,769	367	17	90	49	248
Financing, insurance, real estate & business services	680	295	8	16	5	63
Community, social and personal services	5,296	1,168	88	254	151	510
Industry not adequately defined or reported	5	-	*	*	-	2
Occupation	27,888	3,533	532	1,568	1,235	2,617
Professional, technical and related workers	1,654	325	31	93	56	152
Administrative, executive and managerial workers	531	163	7	24	13	33
Clerical and related workers	1,208	361	16	47	26	139
Sales worker	3,979	684	41	196	123	405
Service worker	2,815	816	37	109	59	265
Agricultural, animal husbandry and forestry workers; fishermen and hunters	11,151	33	318	785	805	684
Production and related workers, transport equipment operators and laborers	6,506	1,146	82	311	151	936
Occupation not adequately defined or reported	46	4	-	3	-	4

Notes: 1. Data were taken from the results of the October round of the 1997 Labor Force Survey using past week as reference period.  
2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 11.4 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	ARMM
3,774	1,977	2,515	2,056	1,457	1,084	1,205	1,911	911	851	662
1,125	963	1,322	853	831	613	619	898	482	451	472
4	10	13	11	5	6	6	30	2	6	*
595	156	142	235	79	43	76	126	54	53	21
25	13	11	11	6	6	9	5	6	3	1
325	93	92	138	48	39	51	92	31	30	8
567	288	352	291	191	146	171	318	133	124	62
309	81	114	120	71	42	56	105	37	44	21
107	21	30	38	7	9	25	36	11	7	3
717	352	440	359	222	179	191	303	155	134	74
*	1	-	1	-	-	-	-	*	*	-
3,774	1,977	2,515	2,056	1,457	1,084	1,205	1,911	911	851	662
244	116	117	104	82	61	62	84	48	47	32
97	39	35	20	15	10	17	25	12	15	7
182	47	83	70	40	32	38	63	25	25	11
561	288	339	260	180	140	161	294	126	116	63
372	157	246	171	95	67	90	188	75	45	22
1,105	961	1,284	848	828	607	614	881	483	441	471
1,203	364	411	576	217	166	215	377	140	156	53
9	3	-	6	1	*	8	-	1	4	1

**Table 11.5**  
**EMPLOYED PERSONS BY MAJOR OCCUPATION GROUP BY SEX**  
**1991 to 1997**  
**(In thousands)**

Major Occupation Group and Sex	January 1991	April 1991	July 1991	October 1991	January 1992	April 1992	July 1992	October 1992
Both Sexes	22,532	23,558	22,586	22,978	23,032	23,936	23,898	23,917
Professional, technical and related workers	1,412	1,363	1,308	1,344	1,354	1,313	1,355	1,392
Administrative, executive and managerial workers	277	304	270	277	281	278	275	284
Clerical workers	1,010	1,027	892	944	933	1,002	993	979
Sales workers	3,100	3,308	2,969	3,109	3,094	3,240	3,232	3,195
Service workers	2,059	2,102	2,109	2,099	2,113	2,109	2,167	2,210
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	9,875	10,407	10,089	10,274	10,200	10,714	10,754	10,745
Production and related workers, transport equipment operators and laborers	4,752	5,023	4,925	4,903	5,038	5,253	5,084	5,067
Occupation not adequately defined or reported	47	24	24	28	20	29	39	44
Male	14,295	14,802	14,380	14,642	14,717	15,233	15,155	15,147
Professional, technical and related workers	500	494	475	490	498	492	503	517
Administrative, executive and managerial workers	203	217	196	194	205	188	190	196
Clerical workers	457	466	417	439	424	443	451	452
Sales workers	1,064	1,115	952	977	970	1,051	1,023	1,011
Service workers	868	895	839	890	874	900	942	960
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	7,417	7,678	7,639	7,780	7,758	8,010	8,013	7,981
Production and related workers, transport equipment operators and laborers	3,755	3,918	3,848	3,852	3,976	4,129	4,008	4,001
Occupation not adequately defined or reported	32	18	14	20	12	19	25	30
Female	8,237	8,758	8,206	8,337	8,315	8,703	8,743	8,770
Professional, technical and related workers	913	869	833	854	855	821	852	875
Administrative, executive and managerial workers	74	86	74	82	76	89	85	88
Clerical workers	553	560	475	505	509	559	542	528
Sales workers	2,036	2,193	2,018	2,132	2,123	2,188	2,209	2,185
Service workers	1,191	1,208	1,269	1,209	1,240	1,209	1,224	1,250
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,458	2,729	2,450	2,495	2,442	2,704	2,741	2,764
Production and related workers, transport equipment operators and laborers	997	1,106	1,077	1,051	1,061	1,123	1,076	1,067
Occupation not adequately defined or reported	15	7	10	8	8	9	14	14

Table 11.5 (continued)

January 1993	April 1993	July 1993	October 1993	January 1994	April 1994	July 1994	October 1994	January 1995	April 1995	July 1995	October 1995
23,972	24,610	24,504	24,443	24,673	25,562	24,725	25,166	25,194	25,724	26,090	25,698
1,401	1,362	1,424	1,398	1,403	1,363	1,394	1,366	1,434	1,391	1,468	1,428
296	314	343	326	345	356	353	358	421	393	395	421
1,030	1,034	1,030	1,052	1,079	1,063	1,053	1,033	1,112	1,139	1,153	1,115
3,160	3,335	3,324	3,277	3,323	3,383	3,337	3,446	3,473	3,577	3,685	3,592
2,097	2,141	2,079	2,119	2,123	2,244	2,353	2,329	2,368	2,361	2,331	2,309
10,808	11,123	11,127	11,106	11,071	11,675	10,845	11,112	10,716	10,911	11,252	11,224
5,151	5,270	5,147	5,128	5,296	5,450	5,360	5,493	5,642	5,930	5,778	5,571
29	31	31	38	33	27	29	29	27	22	27	38
15,219	15,619	15,527	15,468	15,678	16,222	15,664	15,985	16,061	16,421	16,613	16,193
513	511	514	521	508	500	494	476	512	497	540	512
208	206	234	216	238	237	241	250	294	267	265	284
462	454	457	455	468	464	467	464	493	504	509	479
1,012	1,099	1,098	1,066	1,062	1,101	1,035	1,070	1,104	1,143	1,163	1,140
918	949	909	931	912	977	997	996	1,029	1,079	1,075	1,042
7,997	8,236	8,218	8,188	8,212	8,569	8,147	8,327	8,116	8,164	8,412	8,288
4,092	4,142	4,077	4,069	4,259	4,358	4,269	4,382	4,497	4,751	4,635	4,424
18	21	20	23	19	16	15	20	16	16	16	23
8,753	8,991	8,977	8,975	8,995	9,340	9,061	9,181	9,133	9,303	9,476	9,505
888	851	909	877	896	864	901	891	922	894	928	915
88	109	109	110	107	119	113	108	128	126	131	138
568	580	573	597	611	600	586	570	619	635	644	636
2,148	2,235	2,226	2,210	2,261	2,283	2,302	2,375	2,369	2,433	2,522	2,451
1,180	1,192	1,170	1,188	1,210	1,268	1,356	1,333	1,339	1,282	1,256	1,268
2,811	2,887	2,908	2,918	2,859	3,106	2,698	2,785	2,600	2,747	2,841	2,936
1,059	1,127	1,070	1,059	1,037	1,091	1,091	1,111	1,145	1,180	1,143	1,147
11	11	11	15	14	11	14	9	11	6	12	15

**Table 11.5 (continued)**  
**EMPLOYED PERSONS BY MAJOR OCCUPATION GROUP BY SEX**  
**1991 to 1997**  
**(In thousands)**

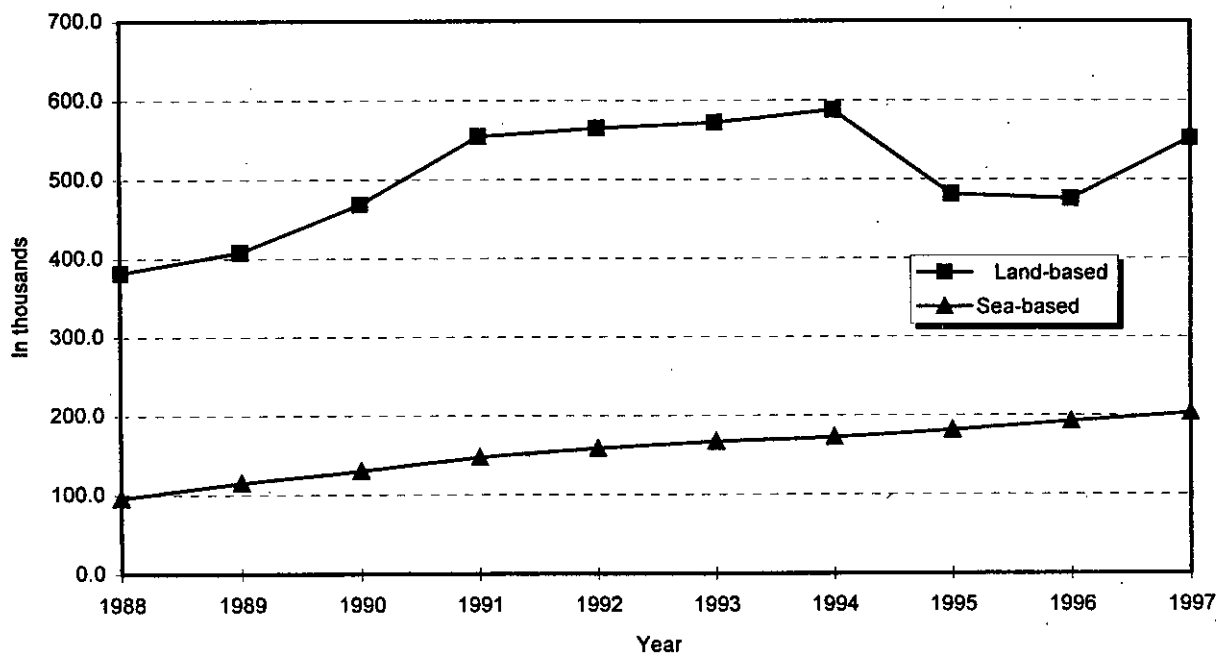
Major Occupation Group and Sex	January 1996	April 1996	July 1996	October 1996	April 1997	July 1997	October 1997
<b>Both Sexes</b>	<b>26,528</b>	<b>27,358</b>	<b>27,419</b>	<b>27,442</b>	<b>28,105</b>	<b>27,531</b>	<b>27,888</b>
Professional, technical and related workers	1,488	1,516	1,625	1,640	1,647	1,622	1,654
Administrative, executive and managerial workers	404	425	445	456	515	530	531
Clerical workers	1,180	1,180	1,189	1,223	1,300	1,231	1,208
Sales workers	3,800	3,924	3,752	3,923	3,966	3,867	3,979
Service workers	2,325	2,403	2,528	2,590	2,656	2,878	2,815
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	11,387	11,881	11,554	11,333	11,468	10,893	11,151
Production and related workers, transport equipment operators and laborers	5,911	5,997	6,302	6,259	6,524	6,477	6,506
Occupation not adequately defined or reported	33	32	24	19	30	35	46
<b>Male</b>	<b>16,733</b>	<b>17,177</b>	<b>17,463</b>	<b>17,308</b>	<b>17,815</b>	<b>17,327</b>	<b>17,437</b>
Professional, technical and related workers	533	570	602	597	621	571	578
Administrative, executive and managerial workers	266	284	291	312	352	351	346
Clerical workers	502	509	500	524	533	522	490
Sales workers	1,221	1,202	1,264	1,312	1,394	1,233	1,283
Service workers	1,046	1,069	1,127	1,130	1,158	1,235	1,194
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	8,353	8,670	8,505	8,282	8,375	8,055	8,200
Production and related workers, transport equipment operators and laborers	4,788	4,853	5,157	5,139	5,365	5,341	5,317
Occupation not adequately defined or reported	23	19	18	11	19	19	27
<b>Female</b>	<b>9,794</b>	<b>10,180</b>	<b>9,956</b>	<b>10,134</b>	<b>10,289</b>	<b>10,204</b>	<b>10,451</b>
Professional, technical and related workers	954	945	1,023	1,043	1,026	1,051	1,076
Administrative, executive and managerial workers	138	141	154	145	163	179	185
Clerical workers	678	670	690	699	768	709	716
Sales workers	2,579	2,722	2,488	2,611	2,573	2,633	2,695
Service workers	1,279	1,334	1,401	1,460	1,498	1,643	1,621
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	3,034	3,211	3,049	3,050	3,093	2,838	2,951
Production and related workers, transport equipment operators and laborers	1,123	1,144	1,145	1,120	1,159	1,136	1,189
Occupation not adequately defined or reported	10	13	6	7	11	16	19

Notes: 1. Data were taken from the quarterly results of the LFS using past week as reference period.

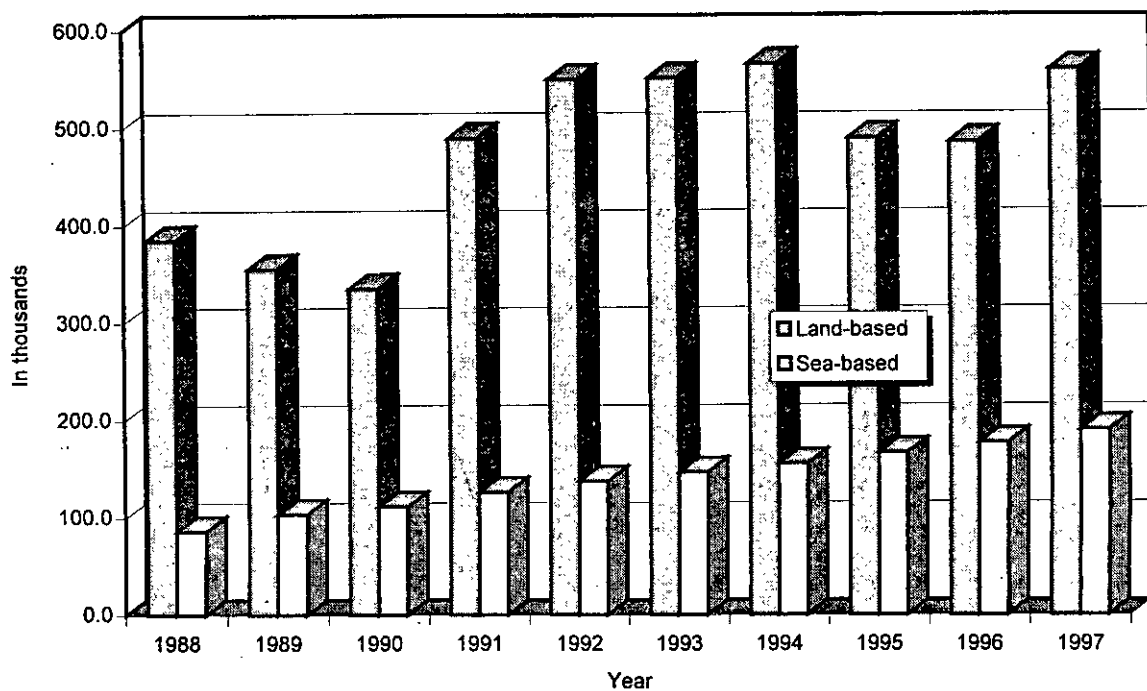
2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

**Figure 11.5 PROCESSED OVERSEAS FILIPINO WORKERS :  
1988 to 1997**



**Figure 11.6 DEPLOYED OVERSEAS FILIPINO WORKERS :  
1988 to 1997**



**Table 11.6**  
**UNEMPLOYED PERSONS BY SEX, REGION AND AREA**  
**1988 to 1997**  
**(In thousands)**

Year	Philippines			NCR			CAR			Region 1		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
<b>Total</b>												
1988	1,954	823	1,131	519	182	337	23	13	10	102	45	57
1989	2,009	908	1,101	480	180	300	22	9	13	96	39	57
1990	1,993	893	1,099	447	171	276	20	8	13	102	38	64
1991	2,267	977	1,290	517	185	332	23	13	10	109	51	59
1992	2,262	959	1,303	542	202	340	26	14	12	98	45	53
1993	2,379	995	1,384	554	202	353	28	13	15	131	47	84
1994	2,317	955	1,362	580	218	361	27	14	13	98	42	56
1995	2,342	988	1,354	586	216	370	36	16	21	123	47	75
1996	2,195	902	1,293	461	163	298	40	17	23	105	46	59
1997	2,377	966	1,411	598	244	354	38	14	23	134	50	83
<b>Urban</b>												
1988	1,089	402	687	519	182	337	4	2	2	31	8	23
1989	1,062	409	653	480	180	300	7	3	4	32	9	23
1990	1,081	430	651	447	171	276	10	3	7	25	7	18
1991	1,470	571	899	517	185	332	10	4	6	59	25	34
1992	1,444	557	893	542	202	340	15	7	8	46	17	30
1993	1,530	590	939	554	202	353	15	6	8	71	28	43
1994	1,546	570	976	580	218	361	19	8	11	39	13	26
1995	1,497	570	927	586	216	370	18	8	11	59	21	38
1996	1,321	491	830	461	163	298	16	6	10	51	19	32
1997	1,492	570	922	598	244	384	13	5	8	56	21	35
<b>Rural</b>												
1988	865	421	444	-	-	-	19	11	8	71	37	34
1989	948	499	448	-	-	-	15	6	9	64	30	34
1990	912	463	449	-	-	-	10	5	5	76	31	46
1991	797	405	391	-	-	-	13	9	4	50	26	25
1992	818	408	410	-	-	-	11	7	4	52	28	23
1993	849	405	444	-	-	-	13	7	6	60	19	41
1994	771	385	386	-	-	-	7	5	2	59	30	29
1995	845	418	427	-	-	-	18	8	10	64	26	37
1996	874	411	463	-	-	-	24	11	13	54	27	27
1997	884	395	489	-	-	-	25	10	15	78	29	48



Table 11.6 (continued)

Region 2			Region 3			Region 4			Region 5			Region 6		
Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
48	22	26	215	78	137	253	102	151	95	52	43	153	70	83
48	29	19	223	96	127	272	113	159	108	57	51	183	83	100
47	22	24	238	94	144	280	122	158	98	52	46	170	78	92
80	38	42	293	112	181	342	129	213	107	65	42	167	87	80
65	31	34	305	106	198	289	124	165	105	56	48	190	86	104
47	25	24	308	106	202	307	132	175	101	47	54	185	76	109
57	33	24	297	108	189	325	120	206	85	41	44	182	89	94
33	20	13	191	69	122	348	131	217	134	74	60	227	106	121
37	23	14	243	93	150	282	107	175	137	61	77	191	72	119
46	27	19	248	86	162	308	112	195	118	60	57	189	82	107
9	4	5	105	33	72	119	46	73	39	16	23	49	23	26
11	5	6	111	39	72	115	41	74	43	18	25	61	23	39
11	4	6	134	48	86	123	43	80	40	20	20	56	23	34
19	8	11	198	72	126	219	75	144	34	20	14	81	33	49
14	7	7	189	61	128	177	71	106	34	14	20	91	34	57
9	5	4	200	58	143	184	79	105	44	22	22	85	31	54
18	9	9	197	62	135	197	69	128	40	15	25	87	35	52
7	2	4	125	41	85	205	72	134	46	21	25	97	40	57
14	7	6	148	51	97	178	62	116	41	17	23	87	32	55
12	7	5	150	50	100	192	63	129	42	20	23	93	33	59
40	19	21	110	45	65	134	56	78	56	36	20	104	47	57
36	23	13	113	57	56	157	72	85	65	39	25	123	61	62
37	19	18	105	47	58	157	79	78	58	32	26	114	55	59
62	30	32	94	40	55	123	54	69	73	45	28	86	54	31
51	24	27	116	45	70	112	53	59	70	42	29	98	51	47
38	19	18	107	48	59	123	53	70	57	25	32	100	45	56
38	23	15	101	46	55	128	51	78	45	26	19	95	54	42
27	18	9	65	28	37	142	59	84	87	53	34	130	66	65
23	16	7	95	42	53	104	45	59	97	43	54	104	40	64
34	20	14	99	36	63	116	50	66	75	41	35	76	49	47

**Table 11.6 (continued)**  
**UNEMPLOYED PERSONS BY SEX, REGION AND AREA**  
**1987 to 1996**  
**(In thousands)**

Year	Region 7			Region 8			Region 9			Region 10		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
<b>Total</b>												
1988	105	40	65	86	50	36	57	27	30	108	46	62
1989	107	44	63	113	71	42	61	34	27	104	58	46
1990	139	73	65	85	45	40	67	40	27	112	52	60
1991	149	63	86	83	44	39	56	21	34	120	50	70
1992	156	60	96	96	48	48	57	25	32	95	46	49
1993	179	88	92	84	42	41	67	31	36	140	67	73
1994	186	67	119	85	47	38	60	26	33	120	51	68
1995	190	72	118	91	55	37	73	34	39	99	44	55
1996	179	73	105	127	66	61	55	24	31	70	31	39
1997	169	57	112	114	49	65	63	26	37	69	32	37
<b>Urban</b>												
1988	66	23	43	26	13	13	17	5	12	34	15	19
1989	50	20	30	26	15	11	16	8	8	23	9	13
1990	76	37	39	25	13	12	14	6	8	31	12	19
1991	94	35	59	33	19	14	22	7	15	61	27	34
1992	89	28	61	45	21	24	22	9	13	42	18	24
1993	103	39	64	33	17	16	31	11	20	77	36	41
1994	121	39	82	40	22	18	31	9	22	62	26	36
1995	116	42	74	38	21	18	29	11	18	51	22	29
1996	98	37	61	46	20	26	24	9	14	37	13	24
1997	97	30	67	45	15	29	29	11	17	37	15	21
<b>Rural</b>												
1988	39	17	22	60	37	23	40	22	18	74	31	43
1989	57	24	33	87	57	31	45	25	20	81	48	33
1990	63	36	27	59	32	27	53	34	19	81	40	41
1991	55	29	26	51	26	25	33	14	19	59	23	36
1992	67	32	36	51	27	24	35	15	19	53	28	25
1993	76	48	28	51	25	26	36	20	16	63	31	32
1994	65	28	37	46	25	20	29	18	11	58	26	32
1995	74	30	44	53	34	19	44	23	21	48	23	26
1996	80	36	44	81	46	35	27	11	16	33	18	16
1997	72	26	46	69	34	35	35	15	20	33	17	16

a - The Autonomous Region for Muslim Mindanao (ARMM) was formally recognized as a separate region in 1990. ARMM is composed of the following provinces: Lanao del Sur (excluding Marawi City), Sulu, Tawi-tawi and Maguindanao Provinces (excluding Cotabato City).

b - Region 13 or the Caraga Administrative Region was formally recognized as a separate region in 1995. Region 13 is composed of the provinces of Agusan del Norte, Agusan del Sur, Surigao del Norte, and Surigao del Sur and the cities of Butuan and Surigao.

Notes: 1. Data were taken from the October round of the Labor Force Survey using past week as reference period.  
2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 11.6 (continued)

Region 11			Region 12			Region 13			ARMM		
Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
140	69	71	50	26	24	b	b	b	a	a	a
136	66	69	56	29	27	b	b	b	a	a	a
138	69	69	51	30	22	b	b	b	a	a	a
153	84	69	58	27	30	b	b	b	11	7	4
184	86	98	43	20	23	b	b	b	12	10	2
174	78	96	54	29	25	b	b	b	20	13	6
165	71	94	38	21	17	b	b	b	11	7	4
155	72	83	51	29	23	b	b	b	4	3	2
139	61	77	49	26	23	66	30	36	18	12	6
136	57	79	51	23	28	75	34	41	22	13	9
62	27	35	10	6	4	b	b	b	a	a	a
73	32	42	13	7	6	b	b	b	a	a	a
73	33	40	17	11	6	b	b	b	a	a	a
91	45	46	26	13	13	b	b	b	4	3	1
112	52	60	22	9	14	b	b	b	2	1	1
99	43	56	19	9	10	b	b	b	6	3	3
102	40	62	13	6	7	b	b	b	-	-	-
90	38	53	28	17	11	b	b	b	1	0	-
68	31	37	18	7	10	30	11	18	5	3	3
66	25	41	21	9	12	34	16	19	8	5	3
78	42	36	40	20	20	b	b	b	a	a	a
62	34	28	43	22	21	b	b	b	a	a	a
65	36	29	34	18	16	b	b	b	a	a	a
61	39	23	31	14	17	b	b	b	7	4	3
72	34	38	20	11	9	b	b	b	10	9	1
75	34	40	35	20	15	b	b	b	14	11	3
63	31	32	25	15	10	b	b	b	11	7	4
65	35	30	23	12	12	b	b	b	3	3	1
71	31	40	31	18	13	36	18	18	13	9	3
71	32	39	30	13	17	40	18	23	14	8	6

**Table 11.7**  
**NOMINAL AND REAL MINIMUM WAGE RATES IN THE**  
**AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION**  
**1997**  
**(In pesos)**

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
National Capital Region	185.00	167.00	158.50	68.49	61.83	58.68
Cordillera Administrative Region						
a) Abra	138.00	125.00 <sup>a</sup> 120.00 <sup>b</sup>	100.50	56.65	51.31 <sup>a</sup> 49.26 <sup>b</sup>	41.26
b) Baguio City	139.00	126.00 <sup>a</sup> 121.00 <sup>b</sup>	101.50	60.59	54.93 <sup>a</sup> 52.75 <sup>b</sup>	44.25
c) Benguet	138.00	125.00 <sup>a</sup> 120.00 <sup>b</sup>	100.50	61.61	55.80 <sup>a</sup> 53.57 <sup>b</sup>	44.87
c) Ifugao	128.00	116.00 <sup>a</sup> 111.00 <sup>b</sup>	92.50	52.03	47.15 <sup>a</sup> 45.12 <sup>b</sup>	37.60
d) Kalinga Apayao	128.00	116.00 <sup>a</sup> 111.00 <sup>b</sup>	92.50	58.77	53.26 <sup>a</sup> 50.96 <sup>b</sup>	42.47
e) Mountain Province	137.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	99.50	52.69	47.69 <sup>a</sup> 45.77 <sup>b</sup>	38.27
Region 1 - Ilocos Region						
a) Ilocos Norte	148.00 137.00 <sup>c</sup>	125.00	105.00	59.85 55.40 <sup>c</sup>	50.55	42.46
b) Ilocos Sur	148.00 137.00 <sup>c</sup>	125.00	105.00	70.51 65.27 <sup>c</sup>	59.55	50.02
c) La Union	148.00 137.00 <sup>c</sup>	125.00	105.00	56.66 52.45 <sup>c</sup>	47.86	40.20
d) Pangasinan	148.00 137.00 <sup>c</sup>	125.00	105.00	61.18 56.64 <sup>c</sup>	51.67	43.41
Region 2 - Cagayan Valley						
a) Batanes	137.00	127.00 <sup>a</sup> 122.00 <sup>b</sup>	106.50	59.54	55.19 <sup>a</sup> 53.02 <sup>b</sup>	46.28
b) Cagayan	142.00	132.00 <sup>a</sup> 127.00 <sup>b</sup>	111.50	60.66	56.39 <sup>a</sup> 54.25 <sup>b</sup>	47.63
c) Isabela	145.00	135.00 <sup>a</sup> 130.00 <sup>b</sup>	114.50	64.24	59.81 <sup>a</sup> 57.60 <sup>b</sup>	50.73
d) Nueva Vizcaya	138.00	128.00 <sup>a</sup> 123.00 <sup>b</sup>	107.50	58.13	53.92 <sup>a</sup> 51.81 <sup>b</sup>	45.28
e) Quirino	137.00	127.00 <sup>a</sup> 122.00 <sup>b</sup>	106.50	61.91	57.39 <sup>a</sup> 55.13 <sup>b</sup>	48.12
Region 3 - Central Luzon						
a) Bataan	159.50 <sup>d</sup> 152.50 <sup>e</sup>	131.50	116.50	80.56 <sup>d</sup> 77.02 <sup>e</sup>	66.41	58.84
b) Bulacan	163.50 <sup>d</sup> 156.50 <sup>e</sup>	131.50	116.50	65.72 <sup>d</sup> 62.90 <sup>e</sup>	52.85	46.82
c) Nueva Ecija	159.50 <sup>d</sup> 152.50 <sup>e</sup>	131.50	116.50	54.83 <sup>d</sup> 52.42 <sup>e</sup>	45.20	40.05
d) Pampanga	159.50 <sup>d</sup> 152.50 <sup>e</sup>	131.50	116.50	76.24 <sup>d</sup> 72.90 <sup>e</sup>	62.86	55.69

Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
e) Tarlac	159.50 <sup>d</sup>	131.50	116.50	64.84 <sup>d</sup>	53.46	47.36
	152.50 <sup>e</sup>			61.99 <sup>e</sup>		
f) Zambales	159.50 <sup>d</sup>	131.50	116.50	75.38 <sup>d</sup>	62.15	55.06
	152.50 <sup>e</sup>			72.07 <sup>e</sup>		
Region 4 - Southern Tagalog						
1. Growth Corridor Areas						
a) Batangas	175.00	150.00	130.00	67.83	58.14	50.39
b) Cavite	175.00	150.00	130.00	63.18	54.15	48.93
c) Laguna	175.00	150.00	130.00	70.62	60.53	52.46
d) Rizal	175.00	150.00	130.00	79.80	68.40	59.28
e) Lucena City, Tiaong, Candelaria and Sariaja (Quezon)	175.00	150.00	130.00	76.92	65.93	57.14
2. Emerging Growth Areas						
a) Remaining Parts of Quezon	157.00	137.00	117.00	69.01	60.22	51.43
b) Puerto Princesa City (Palawan)	157.00	137.00	117.00	73.47	64.11	54.75
c) San Jose (Occidental Mindoro)	157.00	137.00	117.00	68.65	59.90	51.16
d) Calapan	157.00	137.00	117.00	65.72	57.35	48.97
e) Sta. Cruz (Marinduque)	157.00	137.00	117.00	62.55	54.58	46.61
3. Resource-Based Areas						
a) Aurora	147.00	132.00	112.00	61.15	54.91	46.59
b) Romblon	147.00	132.00	112.00	58.52	52.55	44.59
c) Other Parts of Palawan	147.00	132.00	112.00	68.79	61.77	52.41
d) Other Parts of Occidental Mindoro	147.00	132.00	112.00	64.28	57.72	48.97
e) Other Parts of Oriental Mindoro	147.00	132.00	112.00	61.53	55.25	46.88
f) Other Parts of Marinduque	147.00	132.00	112.00	58.57	52.59	44.62
Region 5 - Bicol Region						
a) Albay	130.00 <sup>f</sup>	120.00	100.00	51.96 <sup>f</sup>	47.96	39.97
	125.00 <sup>g</sup>			49.96 <sup>g</sup>		
	100.00 <sup>h</sup>			39.97 <sup>h</sup>		
b) Camarines Norte	130.00 <sup>f</sup>	120.00	100.00	50.96 <sup>f</sup>	47.04	39.20
	125.00 <sup>g</sup>			49.00 <sup>g</sup>		
	100.00 <sup>h</sup>			39.20 <sup>h</sup>		
c) Camarines Sur	130.00 <sup>f</sup>	120.00	100.00	55.06 <sup>f</sup>	50.83	42.36
	125.00 <sup>g</sup>			52.94 <sup>g</sup>		
	100.00 <sup>h</sup>			42.36 <sup>h</sup>		
d) Catanduanes	130.00 <sup>f</sup>	120.00	100.00	45.86 <sup>f</sup>	42.33	35.27
	125.00 <sup>g</sup>			44.09 <sup>g</sup>		
	100.00 <sup>h</sup>			35.27 <sup>h</sup>		
e) Legazpi	143.00 <sup>f</sup>	130.00	110.00	57.15 <sup>f</sup>	51.96	43.96
	135.00 <sup>g</sup>			53.96 <sup>g</sup>		
	110.00 <sup>h</sup>			43.96 <sup>h</sup>		
f) Masbate	130.00 <sup>f</sup>	120.00	100.00	54.92 <sup>f</sup>	50.70	42.25
	125.00 <sup>g</sup>			52.81 <sup>g</sup>		
	100.00 <sup>h</sup>			42.25 <sup>h</sup>		

**Table 11.7 (continued)**  
**NOMINAL AND REAL MINIMUM WAGE RATES IN THE**  
**AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION**  
**1997**  
**(In pesos)**

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
g) Naga	143.00 <sup>f</sup>	130.00	110.00	60.57 <sup>f</sup>	55.06	46.59
	135.00 <sup>g</sup>			57.18 <sup>g</sup>		
h) Pili and Iriga	140.00 <sup>f</sup>	125.00	105.00	59.30 <sup>f</sup>	52.94	44.47
	130.00 <sup>g</sup>			55.06 <sup>g</sup>		
	105.00 <sup>h</sup>			44.47 <sup>h</sup>		
i) Sorsogon	143.00 <sup>f</sup>	130.00	110.00	50.19 <sup>f</sup>	46.33	38.61
	135.00 <sup>g</sup>			48.26 <sup>g</sup>		
	110.00 <sup>h</sup>			38.61 <sup>h</sup>		
j) Tabago and Daraga	140.00 <sup>f</sup>	125.00	105.00	55.96 <sup>f</sup>	49.96	41.97
	130.00 <sup>g</sup>			51.96 <sup>g</sup>		
	105.00 <sup>h</sup>			41.97 <sup>h</sup>		
Region 6 - Western Visayas						
a. Aklan	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	58.43 <sup>r</sup>	50.13 <sup>p</sup>	38.36 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		47.35 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		40.31 <sup>q</sup>	
b. Antique	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	57.02 <sup>r</sup>	48.92 <sup>p</sup>	37.44 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		46.21 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		39.33 <sup>q</sup>	
c. Capiz	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	55.12 <sup>r</sup>	47.28 <sup>p</sup>	36.19 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		44.66 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		38.02 <sup>q</sup>	
d. Iloilo	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	59.86 <sup>r</sup>	51.36 <sup>p</sup>	39.30 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		48.51 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		41.30 <sup>q</sup>	
e. Negros Occidental	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	55.61 <sup>r</sup>	47.70 <sup>p</sup>	36.51 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		45.06 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		38.36 <sup>q</sup>	
f. Guimaras	136.85 <sup>r</sup>	117.40 <sup>p,r</sup>	110.90 <sup>p,r</sup>	57.33 <sup>r</sup>	49.18 <sup>p</sup>	37.64 <sup>r</sup>
	126.85 <sup>s</sup>	107.40 <sup>p,s</sup>	100.90 <sup>p,s</sup>		46.46 <sup>p,r</sup>	
	10.00 <sup>t</sup>	10.00 <sup>p,t</sup>	10.00 <sup>p,t</sup>		39.55 <sup>q</sup>	
Region 7 - Central Visayas						
a. Cities of Cebu, Mandaue and Lapu-lapu	155.00 <sup>u</sup>	137.00 <sup>a</sup>	112.00	64.10 <sup>u</sup>	56.66 <sup>a</sup>	46.32
	149.00 <sup>v</sup>	130.00 <sup>b</sup>		61.62 <sup>v</sup>	53.76 <sup>b</sup>	
	139.00 <sup>w</sup>			57.49 <sup>w</sup>		
b. Municipalities of Cordova, Compostela, Liloan, Concolacion, Talisay, Minglanila and Naga	150.00 <sup>v</sup>	132.00 <sup>a</sup>	107.00	54.66 <sup>u</sup>	48.10 <sup>a</sup>	38.99
	144.00 <sup>w</sup>	125.00 <sup>b</sup>		52.48 <sup>v</sup>	45.55 <sup>b</sup>	
	134.00 <sup>w</sup>			48.83 <sup>w</sup>		
c. Cities of Danao and Toledo	130.00 <sup>u</sup>	120.00 <sup>a</sup>	95.00	50.14 <sup>u</sup>	46.28 <sup>a</sup>	36.64
	127.00 <sup>v</sup>	113.00 <sup>b</sup>		48.98 <sup>v</sup>	43.58 <sup>b</sup>	
	117.00 <sup>w</sup>			45.12 <sup>w</sup>		
d. Cities of Dumaguete, Bais and Canlaon and municipalities of Manjugod, Tanjay and Sibulan	130.00 <sup>u</sup>	120.00 <sup>a</sup>	95.00	50.14 <sup>u</sup>	46.28 <sup>a</sup>	36.64
	127.00 <sup>v</sup>	113.00 <sup>b</sup>		48.98 <sup>v</sup>	43.58 <sup>b</sup>	
	117.00 <sup>w</sup>			45.12 <sup>w</sup>		
e. Tagbilaran City	130.00 <sup>u</sup>	120.00 <sup>a</sup>	95.00	50.14 <sup>u</sup>	46.28 <sup>a</sup>	36.64
	127.00 <sup>v</sup>	113.00 <sup>b</sup>		48.98 <sup>v</sup>	43.58 <sup>b</sup>	
	117.00 <sup>w</sup>			45.12 <sup>w</sup>		

Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
f. Rest of the region	115.00 <sup>u</sup>	109.00 <sup>a</sup>	84.50	45.89 <sup>u</sup>	43.50 <sup>a</sup>	33.72
	111.00 <sup>v</sup>	102.00 <sup>b</sup>		44.29 <sup>v</sup>	40.70 <sup>b</sup>	
	101.00 <sup>w</sup>			40.30 <sup>w</sup>		
Region 8 - Eastern Visayas						
a) Cities of Tacloban and Ormoc and Leyte Province	138.00	128.00 <sup>a</sup> 123.00 <sup>b</sup>	107.50	61.64	57.17 <sup>a</sup> 54.94 <sup>b</sup>	48.01
b) Calbayog City and Western Samar	134.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	103.50	51.03	47.22 <sup>a</sup> 45.32 <sup>b</sup>	39.41
c) Southern Leyte	134.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	103.50	54.78	50.70 <sup>a</sup> 48.65 <sup>b</sup>	42.31
d) Eastern Samar	134.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	103.50	57.26	52.99 <sup>a</sup> 50.86 <sup>b</sup>	44.23
e) Northern Samar	134.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	103.50	54.90	50.80 <sup>a</sup> 48.75 <sup>b</sup>	42.40
f) Sub-province of Biliran	134.00	124.00 <sup>a</sup> 119.00 <sup>b</sup>	103.50	56.83	52.59 <sup>a</sup> 50.47 <sup>b</sup>	43.89
Region 9 - Western Mindanao						
a) Basilan	126.00 <sup>l</sup>	113.00 <sup>l</sup>	90.00	48.76 <sup>l</sup>	43.73 <sup>l</sup>	34.83
b) Zamboanga del Norte and Cities of Dapitan and Dipolog	129.00 <sup>l</sup>	118.00 <sup>l</sup>	93.00	54.92 <sup>l</sup>	50.23 <sup>l</sup>	39.59
c) Zamboanga del Sur and Pagadian City	129.00 <sup>l</sup>	118.00 <sup>l</sup>	93.00	54.57 <sup>l</sup>	49.92 <sup>l</sup>	39.34
d) Zamboanga City	132.00 <sup>l</sup>	119.00 <sup>l</sup>	96.00	55.84 <sup>l</sup>	50.34 <sup>l</sup>	40.61
Region 10 - Northern Mindanao						
a) Bukidnon	134.00 <sup>j</sup> 119.00 <sup>k</sup> 15.00 <sup>l</sup>	124.00 <sup>a,j</sup> 109.00 <sup>a,k</sup> 15.00 <sup>a,l</sup> 119.00 <sup>b,j</sup> 104.00 <sup>b,k</sup> 15.00 <sup>b,l</sup>	103.50 88.50 15.00	60.74 <sup>j</sup>	56.21 <sup>a,j</sup> 53.94 <sup>b,j</sup>	46.92 <sup>j</sup>
b) Misamis Oriental and Cities of Cagayan de Oro and Gingoog	134.00 <sup>j</sup> 119.00 <sup>k</sup> 15.00 <sup>l</sup>	124.00 <sup>a,j</sup> 109.00 <sup>a,k</sup> 15.00 <sup>a,l</sup> 119.00 <sup>b,j</sup> 104.00 <sup>b,k</sup> 15.00 <sup>b,l</sup>	103.50 <sup>j</sup> 88.50 <sup>k</sup> 15.00 <sup>l</sup>	53.97 <sup>j</sup>	49.94 <sup>a,j</sup> 47.93 <sup>b,j</sup>	41.68 <sup>j</sup>
c) Misamis Occidental and Cities of Oroquieta, Ozamis and Tangub	132.00 <sup>j</sup> 117.00 <sup>k</sup> 15.00 <sup>l</sup>	122.00 <sup>a,j</sup> 107.00 <sup>a,k</sup> 15.00 <sup>a,l</sup> 117.00 <sup>b,j</sup> 102.00 <sup>b,k</sup> 15.00 <sup>b,l</sup>	101.50 <sup>j</sup> 86.50 <sup>k</sup> 15.00 <sup>l</sup>	57.32 <sup>j</sup>	52.97 <sup>a,j</sup> 50.80 <sup>b,j</sup>	44.07 <sup>j</sup>

**Table 11.7 (continued)**  
**NOMINAL AND REAL MINIMUM WAGE RATES IN THE**  
**AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION**  
**1997**  
**(In pesos)**

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
d) Camiguin	127.00 <sup>j</sup>	117.00 <sup>a,j</sup>	96.50 <sup>j</sup>	59.37 <sup>j</sup>	54.70 <sup>a,j</sup>	45.11 <sup>j</sup>
	115.00 <sup>k</sup>	105.00 <sup>a,k</sup>	84.50 <sup>k</sup>		52.36 <sup>b,j</sup>	
	12.00 <sup>l</sup>	12.00 <sup>a,l</sup>	12.00 <sup>l</sup>			
		112.00 <sup>b,j</sup>				
		100.00 <sup>b,k</sup>				
		12.00 <sup>b,l</sup>				
Region 11 - Southern Mindanao						
a) Davao City	135.00	125.00 <sup>a</sup>	104.50	61.73	57.16 <sup>a</sup>	47.78
		120.00 <sup>b</sup>			54.87 <sup>b</sup>	
b) Davao del Norte	133.00	123.00 <sup>a</sup>	102.50	65.04	60.15 <sup>a</sup>	50.12
		118.00 <sup>b</sup>			57.70 <sup>b</sup>	
c) Davao del Sur	133.00	123.00 <sup>a</sup>	102.50	60.81	56.24 <sup>a</sup>	46.87
		118.00 <sup>b</sup>			53.96 <sup>b</sup>	
d) Davao Oriental	131.00	121.00 <sup>a</sup>	100.50	58.82	54.33 <sup>a</sup>	45.13
		116.00 <sup>b</sup>			52.09 <sup>b</sup>	
e) General Santos City	135.00	125.00 <sup>a</sup>	104.50	67.13	62.16 <sup>a</sup>	51.96
		120.00 <sup>b</sup>			59.67 <sup>b</sup>	
f) South Cotabato	133.00	123.00 <sup>a</sup>	102.50	66.14	61.16 <sup>a</sup>	50.97
		118.00 <sup>b</sup>			58.68 <sup>b</sup>	
Region 12 - Central Mindanao						
a) Cotabato City	129.00	112.00 <sup>m</sup>	112.00	49.75	43.19 <sup>m</sup>	43.19
		107.00 <sup>n</sup>			41.26 <sup>n</sup>	
b) Cotabato (North)	125.00	110.00 <sup>m</sup>	110.00	54.90	48.31 <sup>m</sup>	48.31
		103.00 <sup>n</sup>			45.24 <sup>n</sup>	
c) Iligan City	134.00	116.00 <sup>m</sup>	116.00	56.80	49.17 <sup>m</sup>	49.17
		112.00 <sup>n</sup>			47.48 <sup>n</sup>	
d) Marawi City	134.00	116.00 <sup>m</sup>	116.00	50.53	43.74 <sup>m</sup>	43.74
		112.00 <sup>n</sup>			42.23 <sup>n</sup>	
e) Lanao del Norte	130.00	115.00 <sup>m</sup>	115.00	55.11	48.75 <sup>m</sup>	48.75
		108.00 <sup>n</sup>			45.78 <sup>n</sup>	
f) Sultan Kudarat	126.00	112.00 <sup>m</sup>	112.00	54.54	48.48 <sup>m</sup>	48.48
		104.00 <sup>n</sup>			45.02 <sup>n</sup>	
Region 13 - Caraga						
a) Agusan del Norte	131.00 <sup>j</sup>	121.00 <sup>a,j</sup>	100.50 <sup>j</sup>	59.76 <sup>j</sup>	55.20 <sup>a,j</sup>	45.85 <sup>j</sup>
	119.00 <sup>k</sup>	109.00 <sup>a,k</sup>	88.50 <sup>k</sup>		52.92 <sup>b,j</sup>	
	12.00 <sup>l</sup>	12.00 <sup>a,l</sup>	12.00 <sup>l</sup>			
		116.00 <sup>a,j</sup>				
		104.00 <sup>a,k</sup>				
		12.00 <sup>a,l</sup>				
b) Agusan del Sur	129.00 <sup>j</sup>	119.00 <sup>a,j</sup>	98.50 <sup>j</sup>	62.14 <sup>j</sup>	57.32 <sup>a,j</sup>	47.45 <sup>j</sup>
	117.00 <sup>k</sup>	107.00 <sup>a,k</sup>	86.50 <sup>k</sup>		54.91 <sup>b,j</sup>	
	12.00 <sup>l</sup>	12.00 <sup>a,l</sup>	12.00 <sup>l</sup>			
		114.00 <sup>a,j</sup>				
		102.00 <sup>a,k</sup>				
		12.00 <sup>a,l</sup>				



Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
c) Surigao del Norte	129.00 <sup>i</sup>	119.00 <sup>a,j</sup>	98.50 <sup>j</sup>	54.73 <sup>j</sup>	50.49 <sup>a,j</sup>	41.79 <sup>j</sup>
	117.00 <sup>k</sup>	107.00 <sup>a,k</sup>	86.50 <sup>k</sup>		48.37 <sup>b,j</sup>	
	12.00 <sup>l</sup>	12.00 <sup>a,l</sup>	12.00 <sup>l</sup>			
		114.00 <sup>a,j</sup>				
		102.00 <sup>a,k</sup>				
d) Surigao del Sur		12.00 <sup>a,l</sup>				
	130.00 <sup>j</sup>	120.00 <sup>a,j</sup>	99.50 <sup>j</sup>	58.22 <sup>j</sup>	53.74 <sup>a,j</sup>	41.79 <sup>j</sup>
	130.00 <sup>k</sup>	120.00 <sup>a,k</sup>	99.50 <sup>k</sup>		51.50 <sup>b,j</sup>	44.56 <sup>j</sup>
		115.00 <sup>a,j</sup>				
		115.00 <sup>a,k</sup>				
Autonomous Region in Muslim Mindanao						
a) Lanao del Sur	131.00 <sup>l</sup>	115.00 <sup>p</sup>	109.00	49.40 <sup>l</sup>	43.36 <sup>p</sup>	41.10
	126.60 <sup>o</sup>	108.80 <sup>b</sup>		47.74 <sup>o</sup>	41.03 <sup>b</sup>	
	122.20 <sup>h</sup>			46.08 <sup>h</sup>		
b) Maguindanao	131.00 <sup>l</sup>	115.00 <sup>p</sup>	109.00	50.52 <sup>l</sup>	44.35 <sup>p</sup>	42.04
	126.60 <sup>o</sup>	108.80 <sup>b</sup>		48.82 <sup>o</sup>	41.96 <sup>b</sup>	
	122.20 <sup>h</sup>			47.13 <sup>h</sup>		
c) Sulu	131.00 <sup>l</sup>	115.00 <sup>p</sup>	109.00	47.71 <sup>l</sup>	41.88 <sup>p</sup>	39.69
	126.60 <sup>o</sup>	108.80 <sup>b</sup>		46.10 <sup>o</sup>	39.62 <sup>b</sup>	
	122.20 <sup>h</sup>			44.50 <sup>h</sup>		
d) Tawi-Tawi	131.00 <sup>l</sup>	115.00 <sup>p</sup>	109.00	50.40 <sup>l</sup>	44.25 <sup>p</sup>	41.94
	126.60 <sup>o</sup>	108.80 <sup>b</sup>		48.71 <sup>o</sup>	41.86 <sup>b</sup>	
	122.20 <sup>h</sup>			47.02 <sup>h</sup>		

Note: Autonomous Region in Muslim Mindanao (ARMM) covers the provinces of Maguindanao, Lanao del Sur, Sulu, and Tawi-tawi.

a - For establishments with annual gross sales of P5 million or more.

b - For establishments with annual gross sales of less than P5 million.

c - For workers in cooperatives and small manufacturing enterprises with capital of not more than P5M and employing not more than 20 workers.

d - For establishments with 30 or more employees or with total assets of P30 million or more.

e - For establishments less than 30 or more employees or with total assets of less than P30 million.

f - For establishments employing more than 15 workers

g - For establishments employing 11 - 15 workers

h - For establishments employing not more than 10 workers

i - With 20 or more workers

j - Total wage

k - Basic pay

l - Cost of living allowance

m - Plantation (Other than sugar and rubber)

n - Plantation on Sugar and Rubber

o - For establishments employing 11 - 20 workers

p - More than 24 hectares and employing at least 20 workers with Annual Gross sales of P5,000 or more

q - For enterprises with capital of P1 million or less

r - Total wage in enterprises with capital of more than P3million

s - Basic pay in enterprises with capital of more than P3 million

t - Cost of living allowance in enterprises with capital of more than P3 million

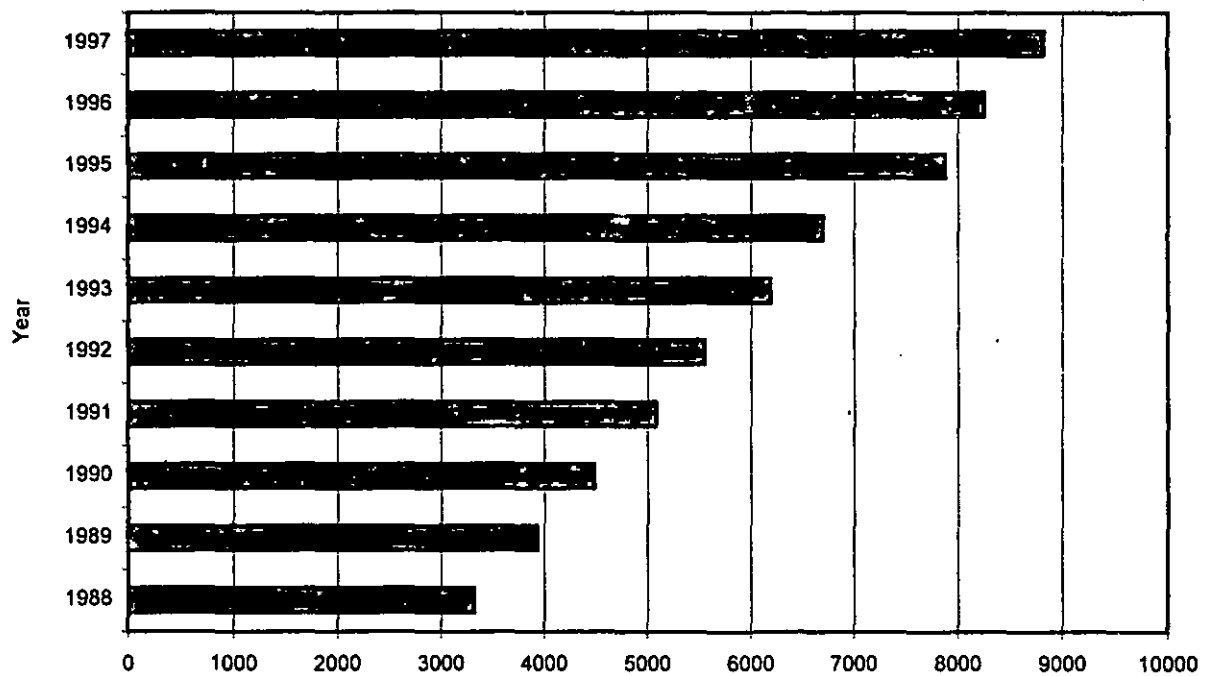
u - More than 20 workers with total assets of more than P5 million

v - For establishments 20 or less workers with total assets of P5 million or less

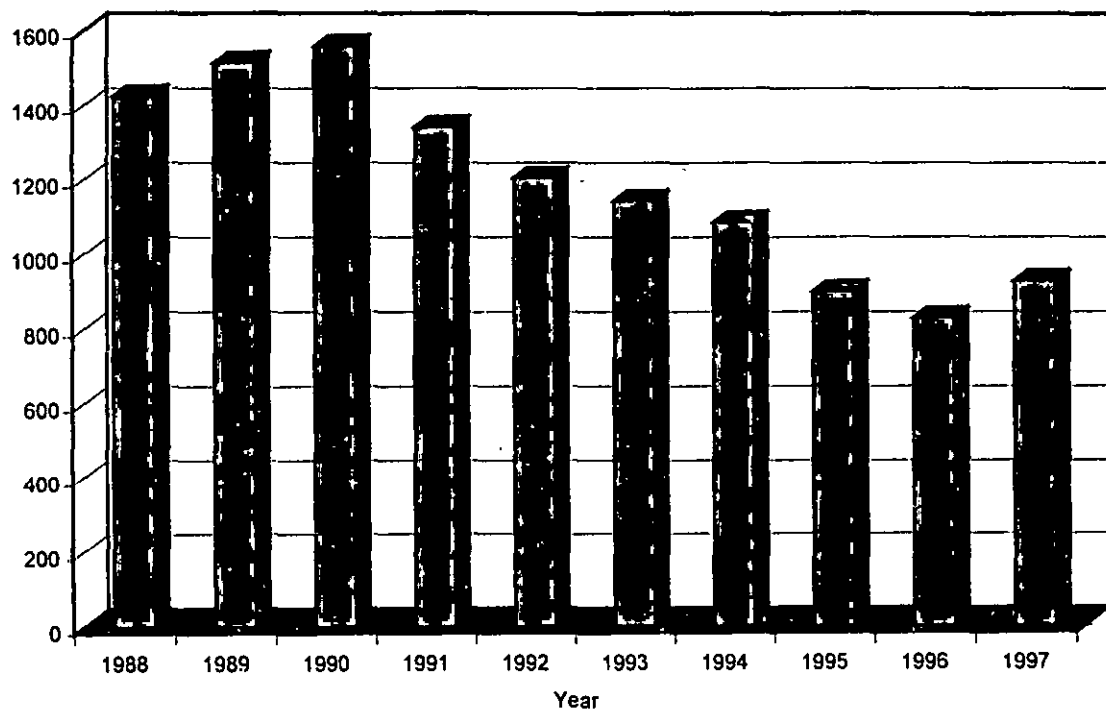
w - For establishments 20 or less workers with capitalization of P500,000 or less

Sources: National Wages and Productivity Commission, National Statistics Office, and Bureau of Labor and Employment Statistics.

**Figure 11.7 NUMBER OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS, PHILIPPINES: 1988 to 1997**



**Figure 11.8 NUMBER OF STRIKES/LOCKOUT NOTICES FILED, PHILIPPINES: 1988 to 1997**



**Table 11.8**  
**PROCESSED OVERSEAS CONTRACT WORKERS**  
**1988 to 1997**

Year	Total	Land-based	Sea-based
1988	477,764	381,892	95,872
1989	522,984	407,974	115,010
1990	598,769	468,591	130,178
1991	701,762	554,476	147,286
1992	723,594	564,947	158,647
1993	738,958	572,096	166,862
1994	760,091	587,871	172,220
1995	662,294	481,349	180,945
1996	667,669	475,337	192,332
1997	755,350	552,440	202,910

Source: Philippine Overseas Employment Administration.

**Table 11.9**  
**DEPLOYED OVERSEAS CONTRACT WORKERS**  
**1988 to 1997**

Year	Total	Land-based	Sea-based
1988	471,030	385,117	85,913
1989	458,626	355,346	103,280
1990	446,095	334,883	111,212
1991	615,019	489,260	125,759
1992	686,457	549,651	136,806
1993	696,630	550,872	145,758
1994	719,602	565,226	154,376
1995	654,022	488,621	165,401
1996	660,122	484,653	175,469
1997	747,696	559,227	188,469

Source: Philippine Overseas Employment Administration.

**Table 11.10**  
**DEPLOYED LAND-BASED CONTRACT WORKERS BY MAJOR WORLD GROUPINGS**  
**1988 to 1997**

Year	Total	Africa	Asia	Europe	Middle East	Oceania	The Americas	Trust Territories
1988	385,117	1,958	92,648	7,614	267,035	1,397	7,902	6,563
1989	355,346	1,741	86,196	7,830	241,081	1,247	9,962	7,289
1990	334,883	1,273	90,768	6,853	218,110	942	9,557	7,380
1991	476,693	1,964	132,592	13,156	302,825	1,374	13,373	11,409
1992	517,632	2,510	134,776	14,590	340,604	1,669	12,319	11,164
1993	509,653	2,425	168,205	13,423	302,975	1,507	12,228	8,890
1994	517,662	3,255	194,120	11,513	286,387	1,295	12,603	8,489
1995	436,884	3,615	166,774	10,279	234,310	1,398	13,469	7,039
1996	424,264	2,499	174,308	11,409	221,224	1,577	8,378	4,869
1997	559,227 <sup>a</sup>	3,517	235,129	12,626	221,047	1,970	7,058	5,280

a - Includes deployed landbased contract workers by country of destination, LAC NAIA cabin crews, and POEA Regional Extension Units.

Source: Philippine Overseas Employment Administration.

**Table 11.11**  
**NUMBER AND MEMBERSHIP OF EXISTING LOCAL/INDEPENDENT**  
**UNIONS AND PUBLIC SECTOR UNIONS BY REGION**  
**1988 to 1997**

Year	Philippines		NCR		CAR		Region 1		Region 2		Region 3		Region 4	
	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship
1988	3,321	648,672	1,993	393,662	34	15,770	46	8,938	23	4,721	206	51,095	274	54,930
1989	3,934	733,327	2,300	430,125	40	17,900	58	9,583	26	4,990	256	58,443	325	61,545
1990	4,485	813,693	2,625	476,036	50	18,656	55	8,242	36	4,918	290	62,059	394	68,707
1991	5,081	864,733	2,885	499,793	58	19,978	72	10,080	42	5,162	312	65,273	447	74,331
1992	5,553	900,709	3,128	518,626	76	10,879	63	20,182	43	5,182	342	67,526	510	78,695
1993	6,188	954,385	3,440	548,985	79	11,407	74	20,715	46	5,640	376	69,422	593	85,240
1994	6,699	998,160	3,656	571,660	87	13,803	78	20,850	48	5,847	405	70,922	682	92,943
1995	7,882	3,526,013	4,023	2,742,817	82	22,994	92	11,918	40	3,418	485	129,268	820	117,449
1996	8,250	3,566,836	4,171	2,760,619	88	23,143	98	12,905	44	4,064	504	132,662	919	125,495
1997	8,822	3,587,934	4,312	2,768,118	91	23,466	103	13,180	45	3,573	518	119,358	1,005	139,774

a - Data exclude Caraga.

Source: Bureau of Labor and Employment Statistics.

**Table 11.12**  
**COLLECTIVE BARGAINING AGREEMENT FILED AND WORKERS COVERED BY REGION**  
**1988 to 1997**

Year	Philippines		NCR		CAR		Region 1		Region 2		Region 3		Region 4	
	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered
1988	1,434	115,857	1,106	79,843	...	...	10	824	-	-	17	904	59	7,842
1989	1,874	146,807	1,527	87,177	...	...	11	2,519	1	57	41	3,458	49	10,845
1990	2,481	230,025	1,862	126,712	10	5,304	7	1,130	5	...	84	11,919	89	16,366
1991	1,457	155,995	1,045	95,149	5	178	6	1,695	2	134	27	3,036	96	19,473
1992	950	91,395	616	39,857	3	68	6	1,435	2	254	38	7,125	49	9,516
1993	1,081	83,755	835	45,007	6	3,710	1	165	-	-	24	3,379	60	9,649
1994	762	56,942	1,366	67,651	10	3,928	7	793	3	96	61	11,184	111	16,714
1995	990	109,380	640	56,770	4	180	3	214	2	484	48	9,834	70	8,870
1996	818	131,446	463	61,642	7	3,332	9	1,006	-	-	44	10,123	101	28,336
1997	99	16,003	37	3,785	0	0	1	27	1	101	7	505	11	3,170

Source: Bureau of Labor and Employment Statistics.

Table 11.11 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship
84	7,282	95	16,513	98	12,552	64	7,468	32	4,269	139	32,206	148	27,798	85	11,468
122	9,377	155	25,231	128	15,826	74	8,305	42	15,081	158	34,473	159	30,103	91	12,345
140	10,737	194	27,534	149	18,305	70	11,769	48	15,598	172	36,113	149	40,629	113	14,390
160	11,003	208	28,667	191	20,355	77	12,259	99	16,628	245	44,334	169	43,025	116	13,845
176	12,133	227	30,132	209	22,176	86	12,677	108	17,024	266	46,390	185	44,007	134	15,080
192	12,686	254	31,511	255	25,175	108	13,662	133	18,433	294	50,956	200	45,013	144	15,540
203	13,400	279	33,353	311	27,500	117	13,916	142	18,960	320	53,571	225	46,060	146	15,578
222	14,181	317	226,855	698	117,939	153	20,087	159	19,968	337	60,822	269	79,333	185	19,786
237	15,364	340	227,960	752	120,630	168	21,418	172	20,365	258 <sup>a</sup>	60,688 <sup>a</sup>	297	82,032	202	20,179
250	16,086	377	230,352	803	124,819	178	21,964	179	20,556	270	47,324	481	84,881	210	21,807

Table 11.12 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered	CBA's	Workers Covered
3	227	53	7,197	122	11,441	2	77	6	449	17	2,103	36	4,865	3	85
22	743	47	8,682	106	12,995	6	181	-	-	16	5,649	46	14,501	2	...
20	2,864	49	9,430	136	18,705	43	3,829	8	2,018	66	10,835	89	20,404	13	509
12	4,200	61	10,329	107	10,821	14	1,124	9	780	18	1,638	49	6,841	6	597
7	554	54	10,858	94	8,634	4	1,285	17	3,011	15	4,856	37	3,516	8	426
10	416	40	4,399	41	4,605	9	376	6	495	18	2,296	24	5,457	10	3,861
15	570	51	6,469	93	11,178	23	1,095	11	722	29	5,890	52	10,437	14	4,110
13	2,671	24	4,840	70	6,395	18	1,085	8	1,126	28	2,777	46	12,822	16	1,312
13	1,139	22	3,339	71	6,685	10	361	5	316	18	2,457	47	12,097	8	613
9	4,500	14	1,427	1	552	3	165	3	532	10	1,087	0	0	2	152

**Table 11.13**  
**NUMBER OF STRIKES/LOCKOUT NOTICES FILED, ACTUAL STRIKES,**  
**WORKERS INVOLVED AND MAN-DAYS LOST, PHILIPPINES**  
**1988 to 1997**

Year	Strike/Lockout Notices Filed	Actual Strikes				
		Total	With Notices	Without Notices	Workers Involved	Man-days Lost (000)
1988	1,428	267	222	45	75,848	1,525
1989	1,518	197	169	28	56,541	955
1990	1,562	183	164	19	68,412	1,345
1991	1,345	182	162	20	55,390	1,140
1992	1,209	136	120	16	47,797	724
1993	1,146	122	109	13	35,119	710
1994	1,089	93	84	9	48,849	568
1995	904	94	91	6	54,412	584
1996	833	89	82	6	32,322	519
1997	932	93	82	11	51,531	673

Source: National Conciliation and Mediation Board.

# 12 SOCIAL SERVICES

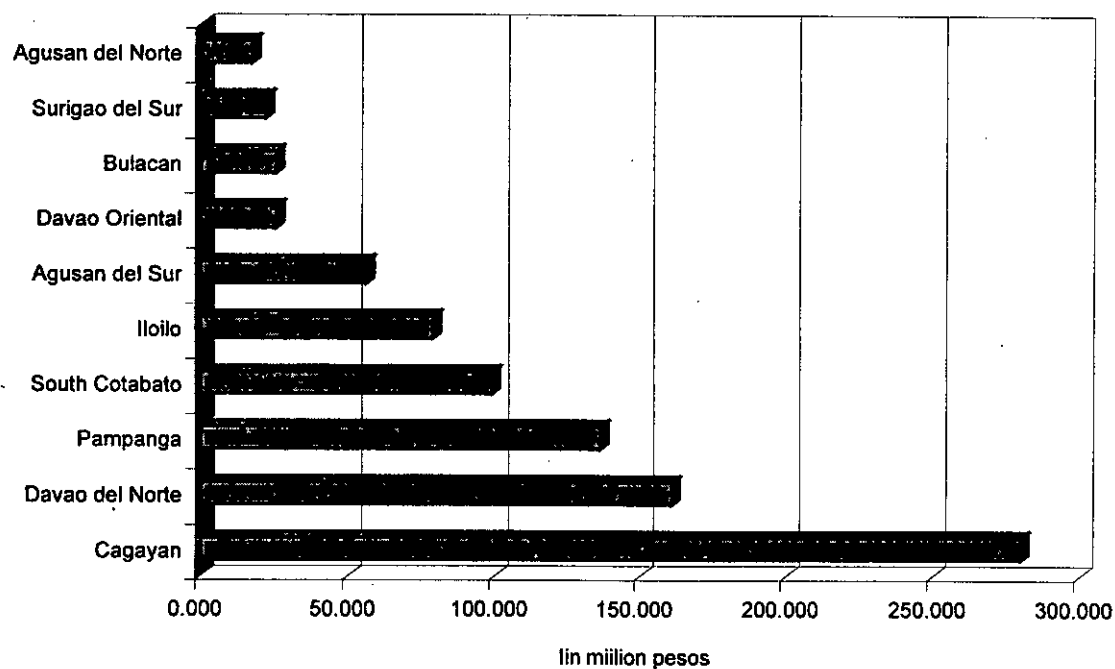
The vital step in promoting social welfare and community development is to ensure equitable distribution of social services. This needs accurate information on the identities, numbers and location of target persons, types of services needed, how much is needed and when needed. Most of these data however are neither available in desired forms/tabulation nor readily accessible to various users.

In address to this problem, the National Statistical Coordination Board in collaboration with the major agencies providing social services, i.e., the Department of Social Welfare and Development, National Disaster Coordinating Council, Government Service Insurance System, Social Security System, and Home Development Mutual Fund, processes, compiles and presents in this chapter the most needed statistical information taken from administrative annual reports of the above agencies. These include the identities, numbers and locations of clients served, types and amount of social services received, sources of social services, and damages of major natural disasters.

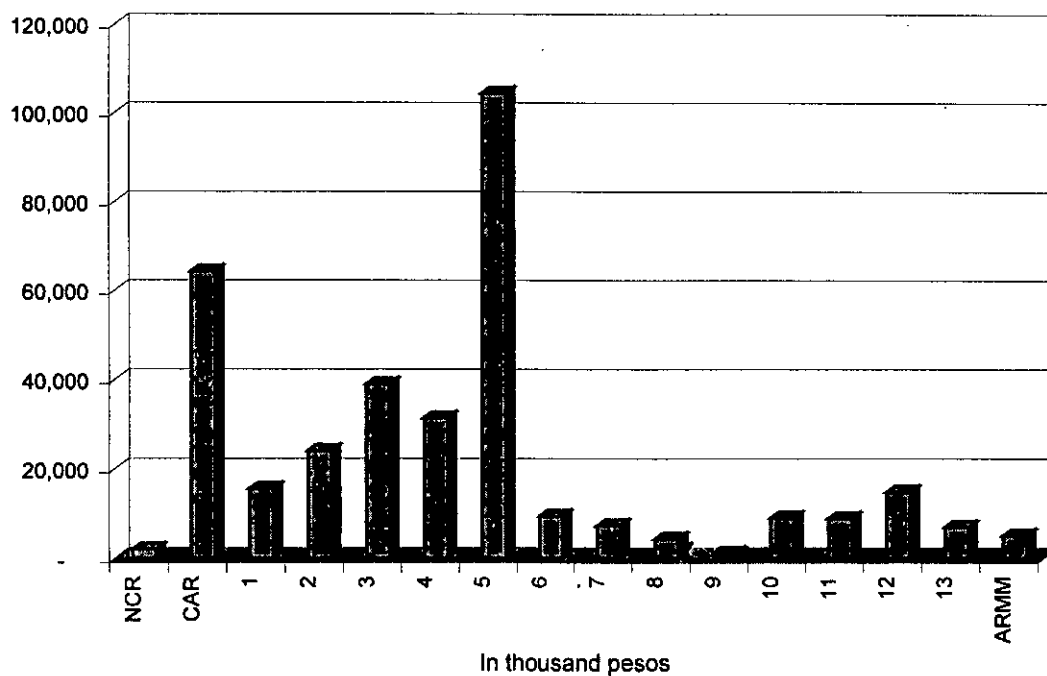
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**Figure 12.1 TEN MOST DAMAGED PROVINCES BY MAJOR NATURAL DISASTERS, PHILIPPINES: 1997**



**Figure 12.2 CALAMITY FUNDS RECEIVED BY REGION FOR THE YEAR 1997**



**Table 12.1**  
**UNDUPLICATED NUMBER OF CLIENTS SERVED BY THE DEPARTMENT OF**  
**SOCIAL WELFARE AND DEVELOPMENT BY CLIENTELE CATEGORY <sup>P</sup>**  
**1995 and 1996**

Region	Families		Children		Youth		Disabled persons	
	1995	1996	1995	1996	1995	1996	1995	1996
<b>Total</b>	<b>1,003,488</b>	<b>100,115</b>	<b>105,160</b>	<b>49,703</b>	<b>18,662</b>	<b>8,611</b>	<b>8,804</b>	<b>4,573</b>
NCR National Capital Region	4,605	1,575	496	209	1,170	834	1,336	897
CAR Cordillera Administrative Region	11,674	5,539	53,205	24,503	3,189	1,411	1,575	784
1 Ilocos Region	4,052	734	4,714	1,156	216	169	1,396	521
2 Cagayan Valley	11,393	5,084	6,851	3,911	1,796	587	1,031	465
3 Central Luzon	82,309	5,298	15,467	10,782	2,049	427	283	425
4 Southern Tagalog	22,554	16,989	6,924	2,700	4,192	2,489	91	44
5 Bicol Region <sup>b</sup>	683,673	5,791	-	-	-	-	-	-
6 Western Visayas <sup>a</sup>	1,581	-	-	-	-	-	-	-
7 Central Visayas	25,972	10,802	3,237	2,297	2,673	2,026	1,223	1,010
8 Eastern Visayas <sup>b</sup>	104,195	25,384	-	-	-	-	-	-
9 Western Mindanao <sup>b</sup>	16,546	8,267	-	-	-	-	-	-
10 Northern Mindanao <sup>c</sup>	15,883	6,757	5,096	800	-	-	1,066	127
11 Southern Mindanao	12,851	7,895	6,735	3,345	1,108	663	538	300
12 Central Mindanao <sup>a</sup>	6,200	-	2,435	-	2,269	-	265	-
13 Caraga	-	-	-	-	-	5	-	-

Note: Data for 1996 includes January to June only.

a - no report submitted.

b - no breakdown of family members.

c - data on Child & Youth, Disabled and Senior Citizens are integrated.

Source: Department of Social Welfare and Development.

**Table 12.1 (continued)**

Senior Citizens		Women		Family Members		Local Government Units		Non- Government Organizations		Private Organizations	
1995	1996	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
150,038	70,326	46,567	19,101	929,328	106,911	4,229	2,235	1,136	371	2,837	2,629
554	0	0	0	-	-	17	17	134	28	87	6
7,733	3,546	7,439	3,776	-	-	173	77	34	14	134	86
27,678	17,962	1,808	589	-	-	130	101	12	12	13	13
0	0	3,943	1,672	-	-	93	47	30	25	10	5
48,920	20,761	11,671	4,820	-	-	367	232	301	18	391	271
64,103	27,777	3,752	2,051	-	-	233	137	76	50	80	558
-	-	-	-	855,513	36,128	121	80	25	22	106	77
-	-	-	-	-	-	-	-	-	-	-	-
-	-	2,340	2,309	-	-	999	596	81	47	940	862
-	-	-	-	25,384	50,872	102	68	-	-	-	-
-	-	-	-	48,431	14,711	81	55	21	5	35	32
-	-	2,844	1,491	-	-	-	-	-	-	-	-
585	280	6,509	1,924	-	-	1913	825	422	150	1041	719
465	-	6,261	-	-	-	-	-	-	-	-	-
-	-	-	469	-	5,200	-	-	-	-	-	-

**Table 12.2**  
**NUMBER OF INSTITUTIONS/CENTERS/FACILITIES INVOLVED**  
**IN THE DISTRIBUTION OF SOCIAL SERVICES**  
**1992 to 1998**

Institution/Center/Facility	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>
Total	61	43	55	60	74	74	61
Child Caring Institution	32	20	30	29	30	28	12
Youth Centered/Facilities	16	11	12	14	15	18	32
Facilities for Disabled/Elderly Persons and Special Groups	13	12	13	9	19	19	8
Substitute Home for Women in Especially Difficult Circumstances	-	-	-	8	10	9	9

a - As of August 1998.

Source: Department of Social Welfare and Development.

**Table 12.3**  
**COVERAGE AND CONTRIBUTIONS RECEIVED BY THE**  
**GOVERNMENT SERVICE INSURANCE SYSTEM**  
**1976 to 1997**  
**(Funds in million pesos)**

Year	Member- ship <sup>1</sup>	All Funds	Social Insurance Fund <sup>2</sup>	Optional Life Insurance Fund <sup>3</sup>	General Insurance Fund <sup>4</sup>	Medicare Insurance Fund <sup>5</sup>	Employees Compensation Insurance Fund <sup>6</sup>
1976 <sup>a</sup>	0.79	340.3	170.1	-	128.4	21.4	20.4
1977	0.83	1,036.7	761.8	-	143.1	74.2	57.6
1978	0.87	1,318.3	925.1	61.4	182.7	73.7	75.4
1979	0.95	1,631.4	1,154.6	59.8	216.9	132.7	67.4
1980	1.05	1,753.4	1,259.8	66.1	214.1	141.2	72.2
1981	1.06	1,842.2	...	...	261.6	...	...
1982	1.14	2,299.8	1,645.4	76.1	309.8	175.7	92.8
1983	1.20	2,473.0	1,771.5	74.6	324.9	198.7	103.3
1984	1.28	2,543.6	1,772.4	83.4	397.1	185.6	105.1
1985	1.28	3,021.9	2,090.1	87.7	519.2	188.9	136.0
1986	1.27	3,477.6	2,264.5	131.9	737.9	190.7	152.6
1987	1.28	4,399.4	2,800.4	172.8	930.2	278.1	217.9
1988	1.33	4,647.7	3,070.9	200.2	938.8	245.5	192.3
1989	1.40	5,563.8	3,769.8	215.5	1,038.0	325.7	214.8
1990	1.40	8,756.9	6,473.0	234.6	1,206.0	449.0	394.3
1991	1.50	9,886.0	7,346.8	288.7	1,281.3	621.8	347.4
1992	1.52	10,237.8	7,433.5	342.9	1,363.5	741.5	356.4
1993	1.73	11,970.5	8,270.0	373.0	1,920.1	935.7	471.7
1994	1.51	15,122.0	10,389.0	433.6	2,479.3	1,271.2	538.9
1995	1.56	16,522.5	11,844.2	493.4	2,349.0	1,310.7	525.2
1996	1.57	16,993.8	12,045.3	559.1	2,515.5	1,326.3	547.6
1997	1.24	25,105.0	19,485.0	1,045.0	2,867.0	1,101.0	618.0

a - July to December 31.

1 - Refers to social security coverage as of June 30 or December 31.

2 - Composed of life insurance and retirement insurance prior to 1979.

3 - Started operation in 1978.

4 - Refers to gross premium written.

5 - Started operation in 1972.

6 - Started operation in March 1975.

Source: Government Service Insurance System.

**Table 12.4**  
**NUMBER AND AMOUNT OF CLAIMS PAID BY THE GOVERNMENT SERVICE**  
**INSURANCE SYSTEM BY TYPE**  
**1990 to 1996**  
**(Amount in million pesos)**

Year	All Types	Social		Optional Life		General		Medicare		Employees' Compensation	
		Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
1990	3,708	-	2,676	-	81	-	204	532,903	417	-	330
1991	5,307	-	4,004	-	93	-	136	586,455	709	315,745	366
1992	6,239	-	4,815	-	102	-	78	494,309	830	334,106	415
1993	7,214	-	5,312	-	107	5,946	336	577,064	988	295,309	473
1994	7,624	-	5,623	-	115	3,584	348	547,507	1,011	360,340	526
1995	7,856	2,035,700	6,129	-	125	3,641	192	447,386	842	396,360	568
1996	8,762	2,137,270	6,582	-	155	3,531	189	481,601	1,220	406,355	616

Source: Government Service Insurance System.

**Table 12.5**  
**COVERAGE AND AMOUNT OF CONTRIBUTIONS BY TYPE RECEIVED**  
**BY THE SOCIAL SECURITY SYSTEM**  
**1990 to 1997**

Year	Coverage <sup>1</sup>		Amount (in million pesos)			
	Employees	Employers	Total	Social Security <sup>2</sup>	Medicare <sup>2</sup>	Employee's Compensation <sup>3</sup>
1990	12,453	363	7,354	6,263	777	314
1991	13,241	385	9,460	7,822	1,308	329
1992	13,779	409	11,151	9,181	1,595	376
1993	14,531	425	13,364	10,987	1,929	449
1994	15,471	455	16,247	13,351	2,354	543
1995	16,594	481	18,643	15,399	2,720	523
1996	17,803	504	21,559	18,052	3,079	428
1997	19,080	537	25,664	22,038	3,318	308

1 - As of December 31.

2 - Contributions from both employees and employers.

3 - Contributions from employers only.

Source: Social Security System.

**Table 12.6**  
**NUMBER AND AMOUNT OF CLAIMS BY TYPE PAID BY THE**  
**SOCIAL SECURITY SYSTEM**  
**1990 to 1997**  
**(Amount in million pesos)**

Year	All Types		Social Security		Medicare		Employees' Compensation	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
1990	1,752,668	5,873	1,044,999	4,972	650,359	711	57,310	190
1991	1,897,123	7,903	1,086,780	6,665	752,428	1,023	57,915	216
1992	1,944,715	10,371	1,148,384	8,806	738,910	1,279	57,421	287
1993	2,197,858	13,958	1,252,789	11,861	876,893	1,721	68,176	376
1994	2,353,860	17,276	1,406,945	14,927	856,873	1,754	90,042	596
1995	2,421,515	18,666	1,635,115	16,249	690,813	1,718	95,587	700
1996	2,493,618	20,376	1,588,088	17,537	792,264	2,098	113,266	741
1997	2,397,228	23,238	1,581,466	19,739	722,133	2,654	93,629	845

Source: Social Security System.

**Table 12.7**  
**NUMBER OF CONTRIBUTORS AND AMOUNT OF CONTRIBUTIONS RECEIVED**  
**BY THE HOME DEVELOPMENT MUTUAL FUND**  
**1990 to 1997**

Year	Number of of Contributors	Total Contributions (In million pesos)
1990	1,156,799	2,076
1991	1,163,951	1,604
1992	1,218,576	1,670
1993	1,301,530	2,137
1994	1,424,974	2,232
1995	2,617,483	4,759
1996	3,355,227	6,729
1997	3,941,253	8,063

Source: Home Development Mutual Fund (Pag-IBIG Fund).

**Table 12.8**  
**NUMBER OF BENEFICIARIES AND AMOUNT PROVIDENT BENEFITS BY TYPE PAID**  
**BY THE HOME DEVELOPMENT MUTUAL FUND**  
**1990 to 1997**  
**(Amount in million pesos)**

Year	All Types		Retirement		Death		Permanent Departure		Disability/ Insanity		Separation Due to Health	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
1990	37,678	217	27,202	170	7,659	31	812	4	1,514	10	491	2
1991	45,270	345	35,012	289	7,610	39	1,450	11	717	4	481	2
1992	38,336	388	29,404	323	6,858	49	942	9	755	5	377	2
1993	41,320	460	41,320	380	8,471	66	1,116	14	1,033	7	454	4
1994	41,369	561	29,786	460	7,860	73	1,241	11	2,068	11	414	6
1995	44,550	725	31,042	590	9,670	93	1,097	18	2,332	19	409	5
1996	48,230	764	33,572	629	10,479	96	1,157	16	2,571	18	451	5
1997	51,744	901	36,725	754	11,090	104	1,315	19	2,061	18	553	6

Source: Home Development Mutual Fund (Pag-IBIG Fund).

**Table 12.9**  
**DAMAGES CAUSED BY MAJOR NATURAL DISASTERS**  
**AND PROVINCE AFFECTED, PHILIPPINES**  
**1997**

Province/City Affected	Type of Disaster	Number of Persons Affected	Casualties			House Damaged		Cost of Damages <sup>1</sup> (million pesos)
			Dead	Injured	Missing	Total	Partial	
Total		1,935,139	165	76	11	2,827	21,193	1,312.070
Agusan del Norte	Flood	18,925				213		17.244
Agusan del Sur	Landslide	79	6	8				
	Flood	9,877	10			16	98	56.000
Antique	Tornado	21	1				5	0.390
	Typhoon							4.000
Bulacan	Typhoon	145,658	4					25.253
Bukidnon	Flood	190				3		0.500
	Landslide	265	6		1			0.066
	Flashflood	651	6	4		3	4	0.406
Butuan City	Flood	89,503	2			3		20.440
Cagayan	Typhoon	154,149	13	7	2	911	11,078	280.004
Catanduanes	Landslide	15		4			3	
Cebu City	Landslide	327	16	5		20	10	0.345
Davao del Norte	Flood	106,339	9		2	22	8	160.800
	Flashflood	2,400						
Davao Oriental	Flood	20,942			1	6	27	25.282
	Flashflood	10,950	3			18	13	2.949
	Big Waves	132				22		0.210
	Tornado	488	1	1		11	9	0.150
Iloilo	Typhoon	11,425				45	59	78.723
Negros Occidental	Typhoon	5,383	2	2		1	1	4.554
Pampanga	Typhoon	115,237	11	1		2	2	136.382
Quezon City	Typhoon	15,000	3					
South Cotabato	Flashflood	150	2					98.982
	Tornado	31				5	3	
Surigao del Norte	Flood	44,904						6.266
Surigao del Sur	Flood	14,525	10	3	1			21.830
Zambales	Typhoon	66,772	14	22		10	50	12.966
	Tornado	553		6		16	14	0.290
Zamboanga del Norte	Flood							11.090
Zamboanga del Sur	Flashflood	3,600						
	Tornado	25				5	3	0.150
Others <sup>2</sup>		1,096,623	46	13	4	1,495	9,806	346.798

1 - Covers crops and infrastructures.

2 - Refers to regions affected; no provincial disaggregations.

Source: National Disaster and Coordinating Council.

**Table 12.10**  
**CALAMITY FUNDS RECEIVED BY REGION AND PROVINCE**  
**FOR THE YEAR 1997**

Recipient Province/City	Amount	Recipient Province/City	Amount
<b>Philippines</b>	<b>347,703,400</b>		
NCR	2,000,000	6 Western Visayas	9,391,000
Metro Manila	2,000,000	Antique	5,300,000
		Iloilo	4,091,000
CAR	64,318,000	7 Central Visayas	7,250,000
Abra	1,000,000	Bohol	7,000,000
Apayao	2,500,000	Cebu City	250,000
Benguet	29,218,000	8 Eastern Visayas	4,300,000
Ifugao	19,100,000	Eastern Samar	2,000,000
Kalinga	12,500,000	Northern Samar	2,300,000
1 Ilocos Region	15,582,900	9 Western Mindanao	1,100,000
Ilocos Norte	2,500,000	Zamboanga Del Norte	1,000,000
La Union	3,082,900	Zamboanga City	100,000
Pangasinan	10,000,000		
2 Cagayan Valley	24,100,000	10 Northern Mindanao	9,000,000
Batanes	1,500,000	Camiguin	4,000,000
Cagayan	12,000,000	Cagayan De Oro City	3,000,000
Isabela	5,000,000	Tangub City	2,000,000
Nueva Vizcaya	600,000		
Quirino	5,000,000	11 Southern Mindanao	8,900,000
3 Central Luzon	39,011,500	Davao Oriental	1,000,000
Aurora	1,050,000	South Cotabato	7,900,000
Bataan	10,360,000		
Bulacan	304,500	12 Central Mindanao	14,800,000
Nueva Ecija	60,000	Cotabato City	700,000
Pampanga	14,872,000	Iligan City	5,000,000
Angeles City	200,000	North Cotabato	8,600,000
Tarlac	3,715,000	Sultan Kudarat	500,000
Zambales	6,350,000		
Olongapo City	2,100,000	13 Caraga	7,000,000
4 Southern Tagalog	31,400,000	Agusan del Norte	1,000,000
Batangas	4,500,000	Agusan del Sur	500,000
Oriental Mindoro	5,000,000	Butuan City	1,000,000
Quezon	5,000,000	Surigao City	500,000
Rizal	3,100,000	Surigao del Norte	2,500,000
Romblon	13,800,000	Surigao del Sur	1,500,000
5 Bicol Region	104,450,000	ARMM	5,100,000
Albay	52,200,000	Maguindanao	4,300,000
Legaspi City	20,500,000	Tawi-tawi	800,000
Camarines Norte	300,000		
Camarines Sur	17,000,000		
Catanduanes	3,150,000		
Sorsogon	11,300,000		

Source: National Disaster and Coordinating Council.



# 13 TRANSPORTATION AND COMMUNICATION

Efficient transportation and communication systems are vital in supporting agricultural and industrial development programmes of the country contributing to the overall efficiency of the economy and to the country's social and cultural advancement. As such, information relating to the country's transport and communication sector serves as vital input in designing appropriate programs. For instance in the transport sector, information on kilometrage of roads and bridges and the number of registered vehicles will give an indication of the state of activities in the area and the need for expansion programs. Relevant information that would gauge the performance of the sector include such data as: the extent of the road system; carrying capacity of the nation's fleet of land, water and air conveyances; distribution and customer-attending capacity of its air and seaport works; and the information/message-handling capacity of its postal and telecommunications networks.

The data contained in the chapter are taken from administrative records/regulatory forms of the agencies concerned. Data on road and railway transport are taken from the Department of Public Works and Highways, Philippine National Railways (PNR), and Land Transportation Office. Water transport data, specifically on the shipping data from the Philippine Ports Authority are also contained herein. Air flights and air passengers carried by international carriers were sourced from the Manila International Airport Authority with the Air Transportation Office providing data on the number of airports in the country. In the area of communications, the National Telecommunications Commission is the major source of data on telecommunications and the Philippine Postal Corporation on the postal services.

Another vital input in transport programming is the regional flow of commodities within the domestic economy which is compiled and processed by the National Statistics Office (NSO). Data on regional flow of commodities by air is taken from the airway bill of the Philippine Airlines. Commodity flow data by land, specifically by rail, and by sea is obtained from the PNR and the NSO, respectively.

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**Table 13.1**  
**NUMBER OF PASSENGERS, FREIGHT AND EXPRESS TONNAGE, AND REVENUE**  
**BY RAILWAYS**  
**1981 to 1997**

Year	Philippine National Railways									Metro Manila Rail Commuter <sup>1</sup>		
	Passengers Carried ('000)	Passenger Revenues ('000 pesos)	Revenue per Passenger (pesos)	Freight Tons Loaded ('000)	Freight Revenue ('000 pesos)	Revenue per Freight Ton (pesos)	Express Tons Loaded ('000)	Express Revenue ('000 pesos)	Revenue per Express Ton (pesos)	Passenger Carried ('000)	Revenue ('000 pesos)	Revenue per Commuter (pesos)
1981	1,651.4	32,257.0	19.53	115.8	6,729.9	58.12	18.2	3,678.0	202.09	6,156.3	9,295.0	1.51
1982	1,316.2	27,996.0	21.27	76.7	5,440.3	70.93	15.8	3,524.0	223.04	4,335.9	7,141.0	1.65
1983	1,375.6	36,214.0	26.33	65.3	5,377.6	82.35	17.1	3,989.0	233.27	5,142.2	9,729.6	1.89
1984	1,262.6	48,796.0	38.65	72.1	8,480.0	117.61	21.6	6,688.0	309.63	4,755.4	13,093.0	2.75
1985	749.0	41,977.0	56.04	53.0	6,687.0	126.17	19.4	7,542.0	388.76	2,952.2	10,252.0	3.47
1986	909.6	45,519.0	50.04	64.0	7,341.8	114.72	21.5	8,116.7	377.52	2,834.7	8,298.0	2.93
1987	1,177.8	61,220.0	51.98	62.2	7,903.6	127.07	27.7	9,452.8	341.26	2,024.0	5,429.0	2.68
1988	984.9	64,768.0	65.76	57.0	8,687.0	152.40	22.8	9,947.0	436.27	1,182.1	3,236.0	2.74
1989	1,004.7	70,042.0	69.71	53.2	8,976.0	168.72	21.5	10,140.0	471.63	979.7	2,841.1	2.90
1990	928.0	75,644.0	81.51	32.2	3,933.0	122.14	16.8	10,005.0	595.54	5,560.8	13,644.0	2.45
1991	654.9	65,546.0	100.09	11.6	2,505.0	215.95	10.3	8,594.0	834.37	4,508.5	13,561.0	3.01
1992	466.8	43,936.0	94.12	4.9	1,017.0	207.55	8.6	6,963.0	809.65	2,302.9	7,248.0	3.15
1993	401.7	34,469.0	85.81	17.5	3,800.0	217.14	7.3	6,146.0	841.92	4,639.4	14,472.0	3.12
1994	426.0	36,144.0	84.80	12.3	2,390.8	194.32	7.2	5,959.7	827.74	2,844.9	8,400.7	2.95
1995	589.0	59,326.0	100.72	14.1	3,305.8	234.40	6.2	5,634.6	908.70	4,054.6	12,443.1	3.07
1996	299.5	24,472.0	81.85	-	-	-	1.7	1,256.0	720.88	3,007.0	9,705.0	3.22
1997	613.5	81,303.0	132.40	-	-	-	3.8	341.3	898.20	3,077.0	11,675.0	3.79

<sup>1</sup> Also included data with the Bicol Metro Rail Commuter.

Source: Philippine National Railways.

**Table 13.2**  
**NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE**  
**1989 to 1997**

Type of Vehicle	1989	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>									
Motor Vehicles	1,431,464	1,620,242	1,715,366	1,879,563	2,125,115	2,341,469	2,581,354	2,904,487	3,193,549
Private	1,144,278	1,305,142	1,370,084	1,518,767	1,685,080	1,847,771	2,030,705	2,277,102	2,488,595
Cars	382,156	419,410	421,976	453,112	498,126	537,446	581,910	641,738	666,671
Utility vehicles	449,659	517,679	558,347	624,698	689,406	754,829	837,271	928,159	1,004,018
Buses	3,524	3,279	3,399	4,796	3,948	4,155	3,735	4,080	3,051
Trucks	105,012	116,956	123,291	134,719	151,207	164,804	177,004	203,316	224,228
Motorcycles/ Tricycles	191,471	232,848	247,328	284,526	322,944	365,679	407,050	472,492	561,287
Trailers	12,456	14,970	15,743	16,916	19,449	20,858	23,735	27,317	29,340
For hire	223,233	246,082	280,254	307,887	386,777	437,797	493,103	564,974	639,083
Cars	9,755	13,676	16,360	19,484	24,047	26,195	35,977	51,299	66,512
Utility vehicles	62,773	71,365	87,285	96,471	119,208	131,939	135,229	144,193	156,903
Buses	13,077	14,667	16,884	20,493	20,303	23,095	23,983	25,002	28,608
Trucks	6,109	6,515	7,534	7,484	9,232	10,312	10,832	11,531	11,843
Motorcycles/ Tricycles	130,700	138,948	151,091	162,694	212,639	244,873	285,366	331,299	373,060
Trailers	819	911	1,100	1,261	1,348	1,383	1,716	1,650	2,157
Government	40,869	45,482	44,759	43,363	47,185	48,865	51,160	57,466	60,695
Cars	6,323	6,052	5,724	4,846	4,843	4,725	4,613	5,473	6,007
Utility vehicles	21,173	23,704	22,732	22,064	25,130	25,431	25,428	28,400	29,947
Buses	338	386	402	518	350	345	458	247	274
Trucks	5,251	5,607	4,552	4,210	4,632	4,546	4,878	5,464	6,661
Motorcycles/ Tricycles	7,649	9,617	11,144	11,603	12,065	13,713	15,571	17,754	17,664
Trailers	135	116	205	122	165	105	212	128	142
Diplomatic	5,297	5,895	6,205	3,227	3,241	3,309	3,070	3,273	3,028
Exempt	17,787	17,641	14,064	6,319	2,832	3,727	3,316	1,672	2,148

Source: Land Transportation Office.

**Table 13.3**  
**NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE, STATUS, AND BY REGION**  
**1981 to 1997**

Year	Total		Cars		Utility Vehicles		Trucks		Buses		Motorcycles/ Tricycles		Trailers	
	New	Renewal	New	Renewal	New	Renewal	New	Renewal	New	Renewal	New	Renewal	New	Renewal
1981	133,449	872,581	35,645	282,440	35,072	329,634	11,661	91,479	2,270	15,551	47,313	139,677	1,488	13,800
1982	137,192	949,988	33,292	308,757	38,948	346,362	10,336	96,538	1,187	16,171	51,342	167,101	2,087	15,059
1983	137,250	1,063,553	31,111	335,891	38,075	389,850	9,746	101,110	1,042	15,672	55,608	205,817	1,668	15,213
1984	60,216	1,105,341	12,722	348,000	17,610	399,111	4,759	97,312	433	14,846	23,366	229,967	1,326	16,105
1985	41,570	1,078,602	8,589	339,360	11,669	394,161	3,220	90,718	277	14,459	16,965	226,025	850	13,879
1986	60,633	1,125,199	7,571	349,117	13,826	402,728	3,413	91,805	309	14,665	34,750	253,875	764	13,009
1987	71,000	1,105,753	10,657	348,108	23,144	418,613	5,112	92,640	545	14,628	30,430	219,138	1,112	12,626
1988	87,963	1,182,520	16,322	360,324	33,543	441,556	6,438	101,589	573	14,510	29,659	251,243	1,428	13,298
1989	141,499	1,289,965	32,808	380,190	50,821	485,584	8,273	110,109	868	16,082	46,599	284,376	2,130	13,624
1990	206,090	1,414,152	42,389	412,165	74,731	540,872	13,419	117,554	2,119	16,222	70,034	312,392	3,398	14,947
1991	182,826	1,532,540	32,130	424,476	71,969	598,879	12,646	125,492	1,877	18,813	61,820	348,307	2,384	16,573
1992	230,276	1,649,287	39,636	443,986	88,683	655,507	15,207	131,482	2,586	23,241	81,614	377,324	2,550	17,747
1993	271,568	1,853,547	48,551	482,689	94,503	739,665	19,848	145,432	2,979	21,624	102,915	444,740	2,772	19,397
1994	316,453	2,025,016	58,322	514,444	105,759	806,916	22,190	157,603	3,261	24,334	123,772	500,520	3,149	21,199
1995	368,751	2,212,603	70,526	556,045	120,425	877,906	25,279	167,513	3,405	24,787	145,425	562,634	3,691	23,718
1996	427,564	2,476,923	74,057	628,521	130,934	970,143	34,238	186,150	2,838	26,492	180,240	641,359	5,257	24,258
1997	476,235	2,717,314	73,160	670,139	131,186	1,060,206	33,023	209,819	3,293	28,657	229,349	722,695	6,224	25,798
NCR	197,844	1,055,825	58,620	454,635	69,088	418,645	19,647	59,192	1,703	8,112	44,005	100,948	4,781	14,293
CAR	2,133	36,310	279	8,594	1,204	18,529	12	2,997	43	389	595	5,765	0	36
Region 1	18,539	131,468	989	13,499	2,487	45,785	128	9,948	221	2,112	14,673	59,325	41	799
Region 2	17,538	84,669	122	4,942	2,586	26,553	432	9,608	77	1,116	14,136	41,412	185	1,038
Region 3	37,346	310,256	1,801	44,702	11,407	144,819	1,473	24,640	192	3,325	22,170	89,581	303	3,189
Region 4	54,050	329,128	1,636	46,968	20,916	164,941	898	20,081	296	4,018	30,221	91,934	83	1,186
Region 5	13,291	67,718	273	6,005	788	21,809	233	5,726	50	1,309	11,942	32,716	5	153
Region 6	23,201	141,244	1,855	21,036	3,730	50,053	394	20,976	179	1,333	16,950	46,868	93	978
Region 7	44,321	192,036	4,204	33,035	8,548	54,813	7,762	18,832	98	1,536	23,135	82,004	574	1,816
Region 8	8,428	47,292	49	2,432	458	14,707	11	5,177	41	896	7,854	23,874	15	206
Region 9	11,219	57,728	50	3,218	1,013	16,511	269	4,453	30	729	9,846	32,656	11	161
Region 10	10,005	61,398	698	7,683	1,838	20,792	247	7,041	65	1,544	7,152	23,986	5	352
Region 11	26,548	131,660	2,419	17,378	5,866	39,159	1,382	14,723	234	1,321	16,531	57,767	116	1,312
Region 12	7,544	45,409	79	4,291	687	14,929	109	3,624	19	590	6,640	21,783	10	192
Region 13	4,228	25,173	86	1,721	570	8,161	26	2,801	45	327	3,499	12,076	2	87

Note: Region 13 is Caraga.

Source: Land Transportation Office.

Table 13.4

**NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE, FUEL USED, AND BY REGION,  
1981 to 1997**

Year	Total		Cars		Utility Vehicles		Trucks		Buses		Motorcycles/ Tricycles		Trailers
	Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	Gas	Diesel	
1981	773,049	217,693	308,096	9,989	243,295	121,411	35,584	67,556	5,365	12,456	180,709	6,281	15,288
1982	805,176	264,858	329,752	12,297	233,169	152,141	28,690	78,184	3,207	14,151	210,358	8,085	17,146
1983	861,223	322,699	351,296	15,706	230,727	197,198	23,050	87,806	1,939	14,775	254,211	7,214	16,881
1984	826,305	321,821	345,055	15,667	216,454	200,267	18,783	83,288	1,285	13,994	244,728	8,605	17,431
1985	794,368	311,075	335,267	12,682	206,341	199,489	14,934	79,004	829	13,907	236,997	5,993	14,729
1986	852,345	319,714	344,197	12,491	211,888	204,666	13,856	81,362	1,958	13,016	280,446	8,179	13,773
1987	829,850	333,165	346,573	12,192	226,567	215,190	11,719	86,033	1,478	13,695	243,513	6,055	13,738
1988	905,864	349,893	364,355	12,291	248,612	226,487	14,899	93,128	797	14,286	277,201	3,701	14,726
1989	1,021,703	394,007	398,593	14,405	280,949	255,456	16,111	102,271	800	16,150	325,250	5,725	15,754
1990	1,152,785	449,112	437,079	17,475	323,598	292,005	17,446	113,527	1,050	17,291	373,612	8,814	18,345
1991	1,197,282	499,127	436,775	19,831	338,177	332,671	15,692	122,446	885	19,805	405,753	4,374	18,957
1992	1,286,763	572,503	457,397	26,225	360,032	384,158	13,582	133,107	1,116	24,711	454,636	4,302	20,297
1993	1,448,634	654,312	500,908	30,332	390,550	443,618	13,930	151,350	665	23,938	542,581	5,074	22,169
1994	1,588,623	728,498	540,442	32,324	415,877	496,798	14,814	164,979	671	26,924	616,819	7,473	24,348
1995	1,763,387	790,558	597,886	28,685	446,636	551,695	10,188	182,604	618	27,574	708,059	0	27,409
1996	1,994,578	880,394	673,678	28,900	487,134	613,943	11,554	208,834	613	28,717	821,599	0	29,515
1997	2,190,938	970,589	712,990	30,309	514,895	676,497	10,398	232,444	611	31,339	952,044	0	32,022
NCR	844,969	389,626	488,778	24,477	205,546	282,187	5,550	73,289	142	9,673	144,953	0	19,074
CAR	19,370	19,037	7,578	1,295	5,390	14,343	36	2,973	6	426	6,360	0	36
Region 1	109,852	39,315	14,366	122	21,395	26,877	87	9,989	6	2,327	73,998	0	840
Region 2	70,969	30,015	4,843	221	10,352	18,787	223	9,817	3	1,190	55,548	0	1,223
Region 3	225,906	118,204	45,794	709	68,030	88,196	256	25,857	75	3,442	111,751	0	3,492
Region 4	252,544	129,365	47,852	752	81,919	103,938	586	20,393	32	4,282	122,155	0	1,269
Region 5	59,618	21,233	6,125	153	8,741	13,856	76	5,883	18	1,341	44,658	0	158
Region 6	110,777	52,597	21,793	1,098	23,255	30,528	1,894	19,476	17	1,495	63,818	0	1,071
Region 7	179,735	54,232	36,330	909	37,688	25,673	547	26,047	31	1,603	105,139	0	2,390
Region 8	42,344	13,155	2,407	74	7,856	7,309	345	4,843	8	929	31,728	0	221
Region 9	56,632	12,143	3,231	37	10,786	6,738	102	4,620	11	748	42,502	0	172
Region 10	49,360	21,686	8,360	21	9,633	12,997	225	7,063	4	1,605	31,138	0	357
Region 11	109,132	47,648	19,653	144	14,807	30,218	334	15,771	40	1,515	74,298	0	1,428
Region 12	38,962	13,789	4,105	265	6,109	9,507	113	3,620	212	397	28,423	0	202
Region 13	20,768	8,544	1,775	32	3,388	5,343	24	2,803	6	366	15,575	0	89

Note: Region 13 is Caraga.

Source: Land Transportation Office.

**Table 13.5**  
**TOTAL SHIPPING STATISTICS BY PORT**  
**1991 to 1997**

Particulars	At Berth					
	Total	Manila	Cebu	Iloilo	Zamboanga	Others <sup>1</sup>
<b>1991</b>						
Number of vessels	169,331	19,875	31,120	21,453	12,722	84,161
Domestic	162,573	17,404	30,601	21,340	12,532	80,696
Foreign	6,758	2,471	519	113	190	3,465
Gross Registered Tonnage	165,576,981	47,064,610	21,990,309	12,147,036	7,611,097	76,763,929
Domestic	99,631,999	20,024,135	18,758,348	11,348,787	6,259,143	43,241,586
Foreign	65,944,982	27,040,475	3,231,961	798,249	1,351,954	33,522,343
Net Registered Tonnage	93,668,812	27,435,934	12,174,755	6,840,997	4,096,630	43,120,496
Domestic	55,230,160	11,940,966	10,402,913	6,352,525	3,267,543	23,266,213
Foreign	38,438,652	15,494,968	1,771,842	488,472	829,087	19,854,283
<b>1992</b>						
Number of vessels	182,377	20,662	33,903	22,474	11,838	93,500
Domestic	175,486	17,896	33,328	22,346	11,665	90,251
Foreign	6,891	2,766	575	128	173	3,249
Gross Registered Tonnage	167,235,589	47,983,198	22,694,239	13,573,736	6,935,716	76,048,700
Domestic	99,508,061	19,511,488	18,728,829	12,532,696	5,523,708	43,211,340
Foreign	67,727,528	28,471,710	3,965,410	1,041,040	1,412,008	32,837,360
Net Registered Tonnage	93,315,762	27,200,033	12,552,664	7,630,255	3,815,362	42,117,448
Domestic	54,761,773	11,716,266	10,385,143	6,928,123	2,963,277	22,768,964
Foreign	38,553,989	15,483,767	2,167,521	702,132	852,085	19,348,484
<b>1993</b>						
Number of vessels	193,256	21,770	36,155	21,859	12,910	100,562
Domestic	185,904	18,848	35,579	21,695	12,721	97,061
Foreign	7,352	2,922	576	164	189	3,501
Gross Registered Tonnage	181,625,138	49,988,413	24,868,646	16,599,643	8,116,403	82,052,033
Domestic	112,161,723	21,358,983	20,861,813	15,352,309	6,387,125	48,201,493
Foreign	69,463,415	28,629,430	4,006,833	1,247,334	1,729,278	33,850,540
Net Registered Tonnage	100,589,952	28,498,462	13,782,170	8,703,130	4,510,869	45,095,321
Domestic	60,948,029	12,436,558	11,532,192	7,953,741	3,420,491	25,605,047
Foreign	39,641,923	16,061,904	2,249,978	749,389	1,090,378	19,490,274
<b>1994</b>						
Number of vessels	215,416	22,892	39,183	23,640	13,821	115,880
Domestic	207,277	19,529	38,631	23,521	13,613	111,983
Foreign	8,139	3,363	552	119	208	3,897
Gross Registered Tonnage	210,357,349	58,680,392	30,127,847	18,122,872	8,720,575	94,705,663
Domestic	130,851,292	25,226,252	25,795,094	17,120,802	7,017,208	55,691,936
Foreign	79,506,057	33,454,140	4,332,753	1,002,070	1,703,367	39,013,727
Net Registered Tonnage	113,556,697	32,261,294	16,241,326	9,049,087	4,467,939	51,537,051
Domestic	69,592,888	14,228,952	13,817,617	8,464,533	3,462,147	29,619,639
Foreign	43,963,809	18,032,342	2,423,709	584,554	1,005,792	21,917,412



Table 13.5 (continued)

At Anchorage					
Total	Manila	Cebu	Iloilo	Zamboanga	Others <sup>1</sup>
2,600	603	114	107	41	1,735
1,921	81	108	100	36	1,596
679	522	6	7	5	139
7,603,523	4,309,565	97,787	142,801	84,033	2,969,337
1,949,433	53,283	53,275	110,139	78,248	1,654,488
5,654,090	4,256,282	44,512	32,662	5,785	1,314,849
4,713,655	2,636,483	68,311	95,891	54,213	1,858,757
1,260,365	32,855	37,654	76,757	50,488	1,062,611
3,453,290	2,603,628	30,657	19,134	3,725	796,146
3,112	862	79	180	62	1,929
2,296	236	76	180	60	1,744
816	626	3	0	2	185
9,481,322	5,739,121	46,096	323,707	94,579	3,277,819
2,268,519	85,965	37,135	323,707	88,284	1,733,428
7,212,803	5,653,156	8,961	0	6,295	1,544,391
5,835,296	3,549,072	31,887	199,682	60,100	1,994,555
1,395,101	48,795	27,387	199,682	55,849	1,063,388
4,440,195	3,500,277	4,500	0	4,251	931,167
3,326	1,031	80	269	32	1,914
2,513	403	75	267	32	1,736
813	628	5	2	0	178
10,472,294	6,405,459	125,748	509,702	83,233	3,348,152
2,500,420	115,673	75,817	499,990	83,233	1,725,707
7,971,874	6,289,786	49,931	9,712	0	1,622,445
6,399,932	3,926,227	83,431	303,525	47,912	2,038,837
1,535,820	60,555	48,777	298,645	47,912	1,079,931
4,864,112	3,865,672	34,654	4,880	0	958,906
3,104	997	70	265	49	1,723
2,326	330	62	264	47	1,623
778	667	8	1	2	100
10,937,636	7,370,937	161,148	579,294	132,869	2,693,388
2,546,004	116,266	71,417	568,994	108,425	1,680,902
8,391,632	7,254,671	89,731	10,300	24,444	1,012,486
6,423,969	4,285,541	103,365	344,778	72,855	1,617,430
1,536,192	58,502	47,976	338,588	59,312	1,031,814
4,887,777	4,227,039	55,389	6,190	13,543	585,616

**Table 13.5 (continued)**  
**TOTAL SHIPPING STATISTICS BY PORT**  
**1990 to 1996**

Particulars	At Berth				
	Total	Manila	Iloilo	Zamboanga	Others <sup>1</sup>
<b>1995</b>					
Number of vessels	202,174	24,020	23,130	13,327	141,697
Domestic	193,982	20,563	23,012	13,022	137,385
Foreign	8,192	3,457	118	305	4,312
Gross Registered Tonnage	217,269,687	68,210,164	18,588,830	8,770,201	121,700,492
Domestic	133,009,172	29,985,580	17,519,542	7,062,919	78,441,131
Foreign	84,260,515	38,224,584	1,069,288	1,707,282	43,259,361
Net Registered Tonnage	116,024,056	36,780,622	9,552,105	4,601,028	65,090,301
Domestic	70,676,273	17,061,687	8,973,866	3,614,877	41,025,843
Foreign	45,347,783	19,718,935	578,239	986,151	24,064,458
<b>1996</b>					
Number of vessels	229,410	29,898	15,703	14,019	169,790
Domestic	220,372	25,970	15,628	13,754	165,020
Foreign	9,038	3,928	75	265	4,770
Gross Registered Tonnage	241,933,385	81,487,113	17,282,581	8,675,918	134,487,773
Domestic	152,698,295	36,162,908	16,397,075	7,618,360	92,519,952
Foreign	89,235,090	45,324,205	885,506	1,057,558	41,967,821
Net Registered Tonnage	126,843,669	43,017,057	8,839,407	4,237,534	70,749,671
Domestic	78,500,716	19,615,293	8,316,717	3,645,212	46,923,494
Foreign	48,342,953	23,401,764	522,690	592,322	23,826,177
<b>1997</b>					
Number of vessels	267,960	31,840	17,359	19,356	199,405
Domestic	259,451	27,672	17,309	19,054	195,416
Foreign	8,509	4,168	50	302	3,989
Gross Registered Tonnage	273,769,280	89,201,633	19,344,947	10,917,541	154,305,159
Domestic	179,312,409	39,465,872	18,660,423	9,534,651	111,651,463
Foreign	94,456,871	49,735,761	684,524	1,382,890	42,653,696
Net Registered Tonnage	142,128,142	47,754,295	9,925,222	5,144,111	79,304,514
Domestic	92,336,669	22,394,516	9,556,473	4,393,649	55,992,031
Foreign	49,791,473	25,359,779	368,749	750,462	23,312,483

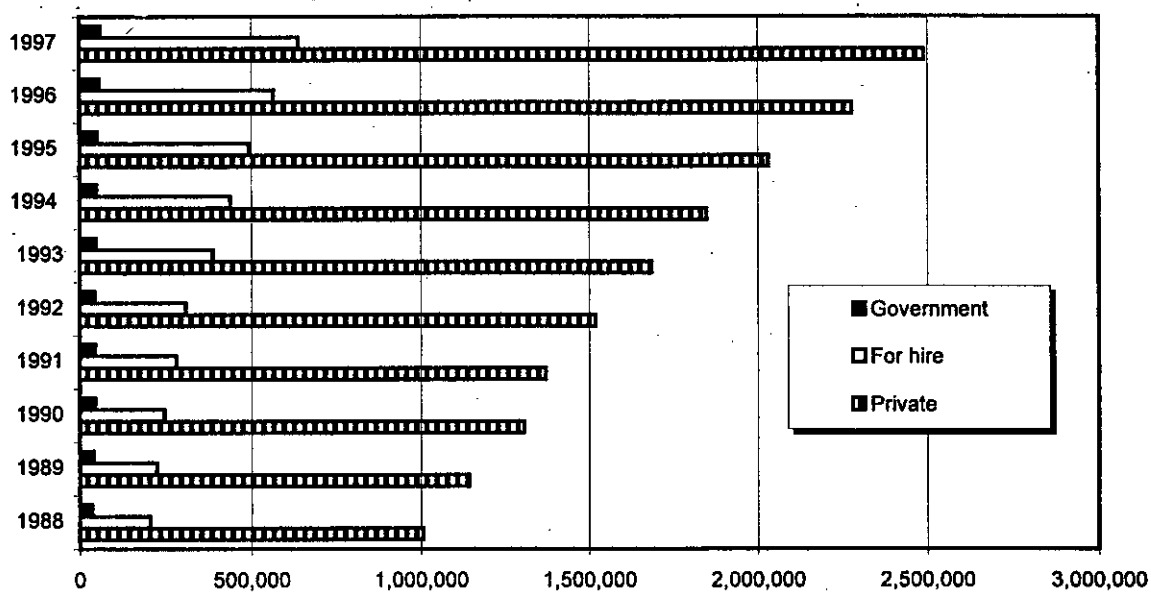
1 - Other ports include: Batangas, Cagayan de Oro, Davao, Dumaguete, General Santos, Iligan, Jolo, Legaspi, Nasipit, Ozamis, Polloc, Puerto Princesa, Pulupandan, San Fernando, Surigao, Tacloban, and Tagbilaran.

Source of basic data: Philippine Ports Authority.

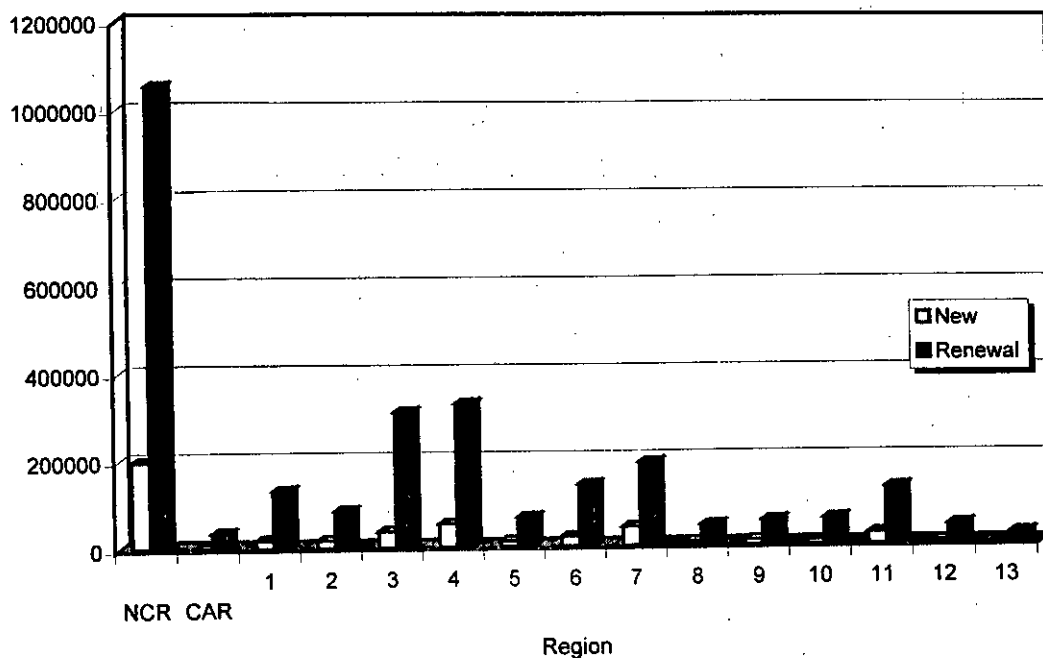
**Table 13.5 (continued)**

At Anchorage				
Total	Manila	Iloilo	Zamboanga	Others <sup>1</sup>
4,123	979	326	390	2,428
3,255	334	321	387	2,213
868	645	5	3	215
12,419,199	7,182,076	731,668	174,414	4,331,041
3,398,506	139,812	660,567	173,072	2,425,055
9,020,693	7,042,264	71,101	1,342	1,905,986
7,149,465	4,053,997	424,943	94,825	2,575,700
2,027,487	75,682	392,843	93,945	1,465,017
5,121,978	3,978,315	32,100	880	1,110,683
3,933	1,077	56	63	2,737
2,894	262	52	61	2,519
1,039	815	4	2	218
15,977,536	10,145,763	143,804	77,683	5,610,286
3,465,810	100,161	131,287	75,462	3,158,900
12,511,726	10,045,602	12,517	2,221	2,451,386
9,160,185	5,783,046	76,821	40,661	3,259,657
2,018,410	53,083	71,582	39,674	1,854,071
7,141,775	5,729,963	5,239	987	1,405,586
3,684	842	77	126	2,639
2,753	185	71	124	2,373
931	657	6	2	266
13,804,181	7,554,871	205,169	58,723	5,985,418
3,238,655	76,588	165,001	39,493	2,957,573
10,565,526	7,478,283	40,168	19,230	3,027,845
7,356,801	4,191,111	165,094	37,039	2,963,557
1,617,966	48,329	144,405	25,966	1,399,266
5,738,835	4,142,782	20,689	11,073	1,564,291

**Figure 13.1 NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLES: 1988 to 1997**



**Figure 13.2 TOTAL NUMBER OF MOTOR VEHICLES REGISTERED BY REGION AND BY STATUS: 1997**



**Table 13.6**  
**TOTAL SHIPPING STATISTICS, CARGO AND PASSENGER**  
**1991 to 1997**

	1991	1992	1993	1994	1995	1996	1997
<b>Total Cargo Through (in metric tons)</b>	<b>106,167,280</b>	<b>111,066,021</b>	<b>115,864,671</b>	<b>124,040,355</b>	<b>127,310,132</b>	<b>140,135,355</b>	<b>145,138,010</b>
Domestic	58,634,411	61,845,505	65,072,550	71,108,392	68,100,654	71,955,594	76,150,041
Inbound	30,680,694	31,821,369	33,513,660	36,568,811	34,664,464	37,503,192	38,650,471
Outbound	27,953,717	30,024,136	31,558,890	34,539,581	33,436,190	34,452,402	37,499,570
Foreign	46,935,462	48,989,653	50,524,336	52,699,124	59,075,861	67,516,800	68,337,147
Import	31,149,791	34,867,910	35,486,553	38,183,499	42,418,302	51,829,760	51,666,207
Export	15,785,671	14,121,743	15,037,783	14,515,625	16,657,559	15,687,040	16,670,940
Transit Cargo	597,407	230,863	267,785	232,839	133,617	662,961	650,822
Domestic	323,832	11,281	15,074	37,117	90,240	624,678	618,944
Foreign	273,575	219,582	252,711	195,722	43,377	38,283	31,878
<b>Total Passenger Traffic</b>	<b>31,715,983</b>	<b>33,734,547</b>	<b>36,365,332</b>	<b>40,444,607</b>	<b>37,873,205</b>	<b>40,043,006</b>	<b>41,414,647</b>
Disembarking	16,171,498	17,156,189	18,388,700	20,444,812	18,975,574	20,548,386	21,410,830
Embarking	15,544,485	16,578,358	17,976,632	19,999,795	18,897,631	19,494,620	20,003,817

Source of basic data: Philippine Ports Authority.

**Table 13.7**  
**NUMBER AND TONNAGE OF DOMESTIC OPERATING FLEET**  
**1992 to 1996**

Type of Vessel	Number				
	1992	1993	1994	1995	1996
Total	4,455	4,828	9,750	10,072	6,505
Merchant Fleet	4,455	4,828	4,651	5,020	2,946
Passenger ferry	497	575	884	1,096	572
Passenger cargo	144	172	313	353	244
General cargo	2,486	2,708	2,173	2,145	1,292
Container	47	47	45	39	19
Liquid cargo/Lightering	17	17	15	20	23
Barging	558	569	457	546	194
Tanker	110	114	155	173	135
Towing/Salvage	457	468	450	444	340
Pleasure	39	46	41	54	29
Pilotage	14	14	12	12	10
Others	85	98	106	138	88
No information	1	-	-	-	-
Fishing	-	-	5,099	5,052	3,559

Source of basic data: Maritime Industry Authority.

**Table 13.8**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES**  
**SYSTEM-WIDE OPERATIONS**  
**1981 to 1997**  
**(In thousands)**

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1981	45,602	44,507	45,009	404	49,413
1982	45,897	44,972	45,667	466	46,133
1983	53,300	52,260	52,960	302	53,262
1984	51,570	50,361	50,962	235	51,197
1985	50,778	49,711	50,891	177	51,068
1986	53,964	53,083	53,656	96	53,752
1987	54,856	52,956	54,584	131	54,715
1988	60,948	58,545	59,881	132	60,013
1989	60,960	57,772	59,150	150	59,300
1990	59,136	55,893	57,986	210	58,197
1991	63,089	59,174	60,884	276	61,160
1992	69,127	67,473	68,320	249	68,569
1993	69,127	67,473	69,974	230	70,204
1994	72,285	70,570	71,620	310	71,930
1995 <sup>a</sup>	73,054	58,083	72,869	540	73,409
1996	-	81,256	81,256	327	81,548
1997 <sup>b</sup>	86,644	86,187	86,187	245	86,432

a - Data is from April to December 1995.

b - Data is from April 1997 to March 1998.

Source: Philippine Air Lines.

Table 13.7 (continued)

Total Gross Tonnage				
1992	1993	1994	1995	1996
1,092,727	1,111,683	1,533,718	1,645,542	1,075,137
1,092,727	1,111,683	1,341,480	1,463,793	922,312
16,308	17,347	24,992	30,191	11,503
226,495	227,817	336,441	371,327	231,185
321,525	330,821	428,715	434,278	352,735
129,088	129,088	133,174	131,568	67,765
1,828	1,827	3,823	4,780	7,191
245,292	249,742	203,753	264,724	83,341
104,740	107,076	158,694	172,608	122,373
41,256	41,666	37,511	36,109	30,436
1,578	1,760	2,226	2,480	732
163	163	1,287	1,297	617
4,219	4,376	10,864	14,431	14,434
235	-	-	-	-
-	-	192,238	181,749	152,825

Table 13.8 (continued)

Passenger service			Total revenue ton kilometer	Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried		
6,653,815	10,487,975	3,511	828,672	52,297
7,339,676	10,466,088	3,854	878,450	56,634
8,283,773	12,288,609	4,289	1,028,139	75,182
8,367,807	11,567,263	4,378	1,055,531	77,235
8,614,221	11,635,889	4,610	1,066,394	79,364
8,900,879	12,066,382	4,834	1,108,694	89,157
9,259,910	12,200,536	5,244	971,152	104,311
10,712,832	13,986,713	5,717	1,360,994	106,780
10,592,931	14,047,177	5,912	1,381,451	120,737
10,518,426	14,520,725	5,665	1,360,203	118,323
11,107,297	15,462,945	5,491	1,419,790	116,112
12,945,995	17,760,245	6,205	1,599,501	122,365
13,447,657	18,654,573	6,526	1,687,145	127,018
13,967,162	20,338,968	6,661	1,775,590	139,747
14,371,874	20,983,472	7,180	1,798,030	145,226
15,131,732	23,777,816	7,263	1,892,708	147,672
15,734,569	25,073,329	7,313	1,972,104	151,504

**Table 13.9**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, DOMESTIC**  
**1981 to 1997**  
**(In thousands)**

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1981	17,063	16,233	16,497	239	16,736
1982	17,861	17,169	17,396	215	17,611
1983	19,595	18,970	19,395	211	19,606
1984	20,205	19,321	19,670	190	19,860
1985	20,286	19,428	19,815	140	19,955
1986	21,656	20,739	21,284	79	21,363
1987	22,639	21,803	22,613	91	22,704
1988	23,769	22,114	22,844	109	22,953
1989	24,937	22,581	23,284	122	23,406
1990	23,194	21,191	22,088	83	22,171
1991	22,197	20,662	21,130	61	21,191
1992	23,030	21,940	22,159	35	22,194
1993	23,030	21,940	21,440	24	21,464
1994	22,298	20,992	21,369	65	21,434
1995 <sup>a</sup>	22,115	7,354	22,140	102	22,242
1996	-	22,988	22,988	59	23,047
1997 <sup>b</sup>	22,763	22,687	22,687	27	22,714

a - Data is from April to December 1995.

b - Data is from April 1997 to March 1998.

Source: Philippine Air Lines.

**Table 13.10**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, INTERNATIONAL**  
**1981 to 1997**  
**(In thousands)**

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1981	28,539	28,274	28,512	165	28,677
1982	28,036	27,803	28,271	251	28,522
1983	33,705	33,290	33,565	91	33,656
1984	31,365	31,040	31,292	45	31,337
1985	30,492	30,283	31,076	37	31,113
1986	32,308	32,344	32,372	17	32,389
1987	32,217	31,153	31,971	40	32,011
1988	37,179	36,431	37,037	23	37,060
1989	36,023	35,191	35,866	28	35,894
1990	35,942	34,702	35,898	128	36,026
1991	40,892	38,512	39,754	215	39,969
1992	46,097	45,533	46,161	214	46,375
1993	46,097	45,533	48,534	206	48,740
1994	49,987	49,578	50,251	245	50,496
1995 <sup>a</sup>	50,939	50,728	50,728	439	51,167
1996	-	58,268	58,268	268	58,537
1997 <sup>b</sup>	63,881	63,500	63,500	218	63,718

a - Data is from April to December 1995.

b - Data is from April 1997 to March 1998.

Source: Philippine Air Lines.



Table 13.9 (continued)

Passenger service			Total revenue ton kilometer	Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried		
1,166,840	1,562,907	2,445	102,327	27,224
1,258,704	1,661,506	2,674	112,273	33,418
1,392,516	1,862,517	2,982	126,759	43,172
1,451,938	1,880,700	3,077	131,083	44,277
1,551,994	1,947,921	3,267	140,098	46,584
1,620,224	2,042,847	3,457	150,421	54,980
1,774,545	2,213,965	3,769	168,324	65,939
1,868,192	2,262,588	3,956	174,293	63,820
1,921,064	2,470,837	4,121	180,539	66,442
1,866,374	2,632,705	3,988	183,123	68,794
1,739,151	2,451,710	3,651	170,647	64,052
1,989,270	2,641,958	4,092	189,630	69,994
2,152,861	2,717,058	4,297	209,340	74,580
2,283,170	2,892,833	4,496	222,490	79,709
2,394,168	3,343,674	4,710	236,964	84,891
2,283,843	3,458,912	4,447	229,735	84,129
2,283,758	3,413,421	4,407	229,356	83,443

Table 13.10 (continued)

Passenger service			Total revenue ton kilometer	Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried		
5,486,975	8,925,068	1,066	726,345	25,073
6,080,972	8,804,582	1,180	766,177	23,216
6,891,257	10,426,092	1,307	901,380	32,010
6,915,869	9,686,563	1,301	924,448	33,048
7,062,227	9,687,968	1,343	926,296	32,780
7,280,655	10,023,535	1,377	958,273	34,177
7,485,365	9,986,571	1,475	802,828	38,372
8,844,640	11,724,125	1,761	1,186,701	42,960
8,671,868	11,576,340	1,791	1,200,912	54,295
8,652,052	11,888,021	1,677	1,177,080	49,529
9,368,146	13,011,234	1,839	1,249,143	52,060
10,956,725	15,118,287	2,113	1,409,871	52,371
11,294,796	15,937,515	2,229	1,477,805	52,438
11,683,992	17,446,135	2,165	1,553,100	60,035
11,977,706	17,639,798	2,470	1,561,066	60,335
12,847,889	20,318,904	2,816	1,662,973	63,543
13,450,811	21,659,908	2,906	1,742,748	68,061

**Table 13.11****AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS,  
MANILA  
1975 to 1997**

Year	Number of Flights	Number of Passengers		
		Total	Arrival	Departure
1975	10,460	1,205,826	579,601	626,225
1976	14,388	1,286,706	605,744	680,962
1977	16,534	1,604,914	771,043	833,871
1978	20,243	1,943,674	972,497	971,177
1979	20,736	1,996,813	1,018,741	978,072
1980	20,564	2,616,587	1,237,741	1,378,846
1981	20,503	2,650,546	1,339,053	1,311,493
1982	19,625	3,027,555	1,480,041	1,547,514
1983	19,936	3,088,337	1,487,676	1,600,661
1984	19,300	3,106,660	1,505,165	1,601,495
1985	19,342	3,172,770	1,521,767	1,651,003
1986	19,282	3,213,675	1,538,394	1,675,281
1987	20,686	3,542,826	1,678,943	1,863,883
1988	22,267	3,952,753	1,909,868	2,042,885
1989	23,668	4,368,433	2,118,427	2,250,006
1990	25,243	4,367,357	2,103,820	2,263,537
1991	25,828	4,529,449	2,116,954	2,412,495
1992	29,874	5,235,607	2,519,014	2,716,593
1993	32,989	5,671,630	2,760,921	2,910,709
1994	35,702	6,116,023	2,989,063	3,126,960
1995	37,311	6,560,008	3,250,650	3,309,358
1996	43,512	7,297,108	3,604,662	3,692,446
1997	48,274	7,728,382	3,822,348	3,906,034

Note: Transit/transfer passengers are included in either arrival or departure passengers.

Source: Manila International Airport Authority.

**Table 13.12**  
**NUMBER OF REGISTERED AIRPORTS**  
**1976 to 1997**

Year	Total	National	Private
1976	131	79	52
1977	135	79	56
1978	181	82	99
1979	202	85	117
1980	206	86	120
1981	205	85	120
1982	226	85	141
1983	227	86	141
1984	227	86	141
1985	228	87	141
1986	230	87	143
1987	227	84	143
1988	180	86	94
1989	208	86	122
1990	219	86	133
1991	224	84	140
1992	216	86	130
1993	249	87	162
1994	300	86	214
1995	190	86	104
1996	266	86	180
1997	192	89	103

Source: Air Transportation Office.

**Table 13.13**  
**NATIONAL ROADS BY SURFACE TYPE**  
**1981 to 1997**  
**(In kilometers)**

Year	All types	Earth	Gravel	Asphalt	Concrete
1981	23,488.72	928.12	12,324.98	4,912.88	5,322.74
1982	23,783.44	886.40	12,431.34	4,918.44	5,547.26
1983	24,140.47	594.94	12,755.73	5,078.66	5,711.14
1984	25,116.74	651.19	13,419.89	5,316.34	5,729.32
1985	26,190.52	833.10	13,612.57	5,608.17	6,136.68
1986	26,229.68	747.13	13,702.00	5,618.34	6,162.21
1987	26,082.35	708.34	13,400.32	5,793.64	6,180.05
1988	26,070.05	730.06	13,250.24	5,874.84	6,214.91
1989	26,110.08	304.19	13,296.26	5,952.75	6,556.88
1990	26,272.03	208.82	13,321.18	6,011.16	6,730.87
1991	26,421.88	225.72	12,769.70	6,371.21	7,055.25
1992	26,554.43	215.90	12,709.21	6,379.42	7,249.90
1993	26,593.60	216.30	12,719.22	6,387.64	7,270.44
1994	26,658.76	214.04	12,622.70	6,374.69	7,447.33
1995	26,720.25	128.50	12,622.85	6,394.72	7,574.18
1996	27,369.37	352.84	11,861.85	6,806.03	8,348.65
1997	27,911.84	389.57	11,605.03	6,884.78	9,032.46

Note: The decrease of the length of road network in CY 1987 & 1988 was caused by the accumulated decrease in the correction and/or revision of the length of certain national and barangay road section nationwide.

Source: Department of Public Works and Highways.

**Table 13.14**  
**NUMBER AND LENGTH OF EXISTING NATIONAL BRIDGES IN THE PHILIPPINES**  
**1981 to 1997**  
**(Length in linear meters)**

Year	Number of Bridges	Length of Bridges
1981	8,599	224,493.00
1982	8,771	200,733.78
1983	8,946	204,755.94
1984	9,125	207,510.13
1985	9,308	225,640.73
1986	7,379	230,226.35
1987	7,211	225,640.75
1988	6,928	235,519.67
1989	6,928	235,519.67
1990	7,201	235,519.67
1991	6,936	244,499.87
1992	7,031	250,191.15
1993	7,046	248,765.96
1994	7,112	255,261.05
1995	7,133	256,738.00
1996	7,347	261,015.00
1997	7,380	261,989.00

Note: The decrease from CY 1986 to 1988 was due mostly to the deletion of length of bridges from the road action in the CY 1987 inventory, deletion of non-existing sections and double listed road sections.

Source: Department of Public Works and Highways.

**Table 13.15**  
**NUMBER OF PORTS BY CLASSIFICATION AND STATUS, BY REGION**  
**As of December 1996**

Region	Classification					Status	
	Total	Fishing	Feeder	Commercial		Operational	Non-Operational
				Private	Public		
Philippines	1,425	429	175	490	331	1,342	83
NCR National Capital Region	69	3	-	62	4	64	5
1 Ilocos Region	40	18	3	8	11	35	5
2 Cagayan Valley	32	19	5	4	4	28	4
3 Central Luzon	49	12	-	27	10	42	7
4 Southern Tagalog	253	82	53	49	69	235	18
5 Bicol Region	107	63	4	16	24	98	9
6 Western Visayas	146	47	9	66	24	146	-
7 Central Visayas	150	39	10	59	42	138	12
8 Eastern Visayas	125	30	17	42	36	119	6
9 Western Mindanao	71	21	2	20	28	69	2
10 Northern Mindanao	198	53	54	50	41	186	12
11 Southern Mindanao	106	19	6	60	21	105	1
12 Central Mindanao	38	10	-	21	7	36	2
ARMM Autonomous Region for Muslim Mindanao	41	13	12	6	10	41	-

Source: Inventory of Ports, an output of the Task Force on Ports Inventory composed of NSCB, NSO, DPWH, PFDA, PPA, PMO-PP (DOTC).

**Table 13.16**  
**NUMBER OF LICENSED RADIO STATIONS, BY TYPE OF STATION**  
**1988 to 1997**

Type of station	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Total	31,587	40,435	53,725	65,967	82,592	95,856	113,633	125,986	162,713	183,271
Government <sup>1</sup>	2,015	2,312	2,543	3,292	3,771	4,893	6,883	8,541	15,703	15,893
Private	29,572	38,123	51,182	62,675	78,821	90,963	106,750	117,445	147,010	167,378
Broadcast radio stations	389	359	560	384	426	460	472	463	510	537
Broadcast AM	273	249	434	256	264	272	272	263	272	279
Broadcast FM	111	105	117	123	157	183	187	195	233	253
Broadcast SW	5	5	9	5	5	5	13	5	5	5
Television stations	42	42	43	58	64	79	63	55	59	67
Fixed point to point stations	6,463	6,895	7,505	8,083	8,465	8,895	9,319	9,382	9,514	9,796
Commercial CP	973	1,202	1,315	1,328	1,279	1,263	1,294	1,259	1,259	1,264
Non-commercial CV	5,490	5,693	6,190	6,755	7,186	7,632	8,025	8,123	8,255	8,532
Coastal station	642	677	680	726	737	745	753	764	778	785
Aircraft radio station	472	38	497	498	503	505	509	509	516	529
Land base radio station	2,652	2,734	3,083	3,466	3,648	4,034	4,474	4,870	5,681	6,271
Land mobile radio station	6,920	7,373	8,049	8,897	10,144	11,161	12,039	12,762	13,312	15,019
Citizens band radio station	492	482	566	465	146	157	53	37	37	37
Amateur radio stations	7,853	12,826	15,733	19,143	21,149	23,623	26,335	28,236	31,975	33,328
Radio training stations	85	105	113	122	116	130	141	141	146	154
Fixed aeronautical stations	69	130	168	73	83	91	94	80	86	89
Ship stations	2,269	2,654	2,774	2,995	3,337	3,575	3,788	3,428	3,599	3,717
Maritime portable stations	0	0	0	0	0	0	0	0	0	0
Repeater stations	43	143	170	553	321	413	474	515	648	775
TV relay/x'lator	45	62	70	74	73	76	77	54	63	86
Portable	1,043	1,401	3,066	5,031	7,445	10,440	14,327	17,832	24,282	29,529
Radio navigation	5	11	12	6	23	24	27	25	25	25
Special stations/Earth stations	88	90	0	88	124	169	161	1	1	0
Cellular Base	...	3	0	5	5	5	5	45	123	149
PRS Base	...	543	2,051	3,089	4,705	6,335	7,531	7,866	8,373	8,676
Cellular Mobile	...	0	0	217	985	651	1,601	1,780	12,679	21,608
PRS Mobile	...	359	1,675	2,326	3,531	4,723	5,455	5,597	5,841	5,919
PRS Port	...	1,196	4,367	6,105	9,722	13,321	16,430	16,727	17,431	18,486
PRS ML/P	...	...	...	73	142	199	248	249	249	395
PRS M SRA	...	...	...	...	...	...	...	56	174	0
TVRO	...	...	...	16	9	22	34	112	170	208
TVRO License	...	...	...	...	...	...	...	1	11	12
CATV	...	...	...	10	39	99	182	300	419	546
STL/Remote Control	...	...	...	33	34	34	0	0	0	0
BC AUX Transmitter	...	...	...	4	9	0	0	23	23	13
Remote Pick-up/BC(HF/SSB)	...	...	...	33	6	0	34	0	0	0
GPRS/Mobile/GPRS/Base/ GPRS/PORTA	...	...	...	102	...	397	1,166	3,380	4,080	4,261
Cellular Porta	...	...	...	...	2,465	0	0	0	0	0
Paging Station	...	...	...	...	1	0	0	0	0	0
Paging Base	...	...	...	...	2	3	6	34	49	50
Paging Subscriber	...	...	...	...	360	594	945	945	4,782	4,782
VSAT Subscriber	...	...	...	...	2	0	0	0	0	0
VSAT Service	...	...	...	...	0	3	7	7	7	7
VSAT Station	...	...	...	...	...	...	...	17	43	54
Fishing	...	...	...	...	...	...	...	538	565	598
Civic Action	...	...	...	...	...	...	...	422	583	685
Trunk Base	...	...	...	...	...	...	...	1	21	24
Dealers/Supplier	...	...	...	...	...	...	...	159	107	112
Service Centers	...	...	...	...	...	...	...	32	48	49

1 - Excludes radio stations operated by the Armed Forces of the Philippines.

Note: Data from 1985 to 1986 for Broadcast radio stations include ancillaries and other transceivers licenses.

Starting 1987 data are for existing radio stations only.

Source: National Telecommunications Commission.

**Table 13.17**  
**TELECOMMUNICATION FACILITIES AND BROADCASTING STATIONS**  
**BY REGION, PHILIPPINES**  
**1995 to 1997**

Region	Telephone		Telegraph Stations <sup>1</sup>	Telex Stations <sup>1</sup>	Facsimile Stations <sup>1</sup>	Radio Stations
	Lines	Exchange				
1995	1,877,072	601	448	104	64	125,986
NCR	1,130,048	73	22	12	18	35,937
CAR	22,002	9	6	3	2	0
Region 1	37,133	72	34	8	5	2,654
Region 2	11,301	32	23	4	4	2,740
Region 3	129,945	80	36	14	5	11,932
Region 4	182,966	106	40	10	4	11,055
Region 5	42,700	48	36	7	2	3,201
Region 6	54,369	33	44	7	4	13,712
Region 7	105,357	28	38	7	4	14,669
Region 8	14,650	40	36	6	2	2,652
Region 9	19,620	9	26	3	3	3,598
Region 10	33,894	26	46	8	4	10,049
Region 11	68,587	31	33	10	3	10,445
Region 12	18,200	12	28	5	4	3,342
ARMM	6,300	2	-	-	-	-
1996	3,352,842	741	-	-	-	162,713
NCR	1,937,460	70	-	-	-	37,817
CAR	37,683	12	-	-	-	0
Region 1	148,793	92	-	-	-	4,485
Region 2	14,535	34	-	-	-	4,005
Region 3	233,899	106	-	-	-	13,547
Region 4	380,044	138	-	-	-	13,419
Region 5	78,850	69	-	-	-	3,780
Region 6	112,166	44	-	-	-	30,341
Region 7	121,392	36	-	-	-	17,964
Region 8	24,354	43	-	-	-	3,227
Region 9	33,662	10	-	-	-	4,165
Region 10	92,666	37	-	-	-	11,628
Region 11	109,466	36	-	-	-	14,464
Region 12	18,200	12	-	-	-	3,871
ARMM	9,672	2	-	-	-	-
1997	5,775,556	828	-	-	-	183,271
NCR	2,808,957	75	-	-	-	37,817
CAR	64,814	15	-	-	-	0
Region 1	242,742	102	-	-	-	5,960
Region 2	23,630	37	-	-	-	4,533
Region 3	427,199	118	-	-	-	14,909
Region 4	734,047	157	-	-	-	15,875
Region 5	133,363	72	-	-	-	4,299
Region 6	258,204	50	-	-	-	40,911
Region 7	380,290	41	-	-	-	20,186
Region 8	89,182	46	-	-	-	3,962
Region 9	44,457	13	-	-	-	4,681
Region 10	115,943	41	-	-	-	12,542
Region 11	339,941	42	-	-	-	13,587
Region 12 •	67,468	14	-	-	-	4,009
ARMM	45,319	5	-	-	-	0

Note: Data for telegraph, telex, fax and radiotelephones are for areas served.

1 - Data for 1995 and 1996 not available.

Source: National Telecommunications Commission.

**Table 13.18**  
**TELEPHONE DISTRIBUTION BY REGION**  
**1995 to 1997**

Year/Region	Capacity (Lines)	Total Connections	Population ('000)	Telephone Density Per 100 population
1995	1,877,072	1,331,615	70,267	2.671
NCR	1,130,048	801,521	9,118	12.394
CAR	22,002	16,342	1,329	1.655
Region 1	37,133	26,939	4,031	0.921
Region 2	11,301	7,976	2,713	0.417
Region 3	129,945	83,044	7,167	1.813
Region 4	182,966	124,371	9,698	1.887
Region 5	42,700	23,256	4,490	0.951
Region 6	54,369	43,834	6,155	0.883
Region 7	105,357	79,712	5,278	1.996
Region 8	14,650	12,253	3,527	0.415
Region 9	19,620	15,746	2,890	0.679
Region 10	33,894	21,987	4,111	0.824
Region 11	68,587	54,077	5,272	1.301
Region 12	18,200	14,593	2,388	0.762
ARMM	6,300	5,964	2,099	0.300
1996	3,352,842	2,022,766	69,946	4.793
NCR	1,937,460	1,152,731	9,618	20.143
CAR	37,683	26,057	1,280	2.945
Region 1	148,793	114,041	3,862	3.853
Region 2	14,535	11,880	2,583	0.563
Region 3	233,899	127,175	7,063	3.312
Region 4	380,044	217,046	10,184	3.732
Region 5	78,850	48,907	4,399	1.792
Region 6	112,166	70,805	5,870	1.911
Region 7	121,392	98,474	5,106	2.377
Region 8	24,354	12,415	3,434	0.709
Region 9	33,662	19,941	2,856	1.178
Region 10	92,666	29,266	4,039	2.294
Region 11	109,466	73,050	5,192	2.108
Region 12	18,200	14,593	2,411	0.755
ARMM	9,672	6,385	2,048	0.472
1997	5,775,556	...	71,539	8.073
NCR	2,808,957	...	9,815	28.619
CAR	64,814	...	1,310	4.948
Region 1	242,742	...	3,931	6.175
Region 2	23,630	...	2,641	0.895
Region 3	427,199	...	7,219	5.918
Region 4	734,047	...	10,463	7.016
Region 5	133,363	...	4,488	2.972
Region 6	258,204	...	5,984	4.315
Region 7	380,290	...	5,215	7.293
Region 8	89,182	...	3,512	2.540
Region 9	44,457	...	2,930	1.517
Region 10	115,943	...	4,140	2.801
Region 11	339,941	...	5,332	6.376
Region 12	67,468	...	2,473	2.728
ARMM	45,319	...	2,088	2.171

Note: Details may not add-up to totals due to rounding.  
Source: National Telecommunications Commission.



**Table 13.19**  
**NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP**  
**1975 to 1997**

Year	Total	Government <sup>1</sup>	Private
1975	12,752	1,522	11,230
1976	13,278	1,504	11,774
1977	16,697	1,564	15,133
1978	16,605	1,590	15,015
1979	15,344	5,038	10,306
1980	20,022	5,340	14,682
1981	23,670	5,601	18,069
1982	33,121	6,397	26,724
1983	44,593	7,785	36,808
1984	50,014	8,341	41,673
1985	52,695	8,604	44,091
1986	64,717	10,567	54,150
1987	28,117	1,917	26,200
1988	31,587	2,015	29,572
1989	40,435	2,312	38,123
1990	53,725	2,543	51,182
1991	65,967	3,292	62,675
1992	82,592	3,771	78,821
1993	95,856	4,893	90,963
1994	113,633	6,883	106,750
1995	125,986	8,541	117,445
1996	162,713	15,703	147,010
1997	183,271	15,893	167,378

<sup>1</sup> - Excludes radio stations operated by the Armed Forces of the Philippines.

Source: National Telecommunications Commission.

**Table 13.20**  
**SUMMARY OF MAIL VOLUME HANDLED**  
**1980 to 1997**  
**(In thousand)**

Year	Posted Mails	Received from Foreign Countries	Total	Percent Increase (Decrease)
1980	319,855	120,149	440,004	9.71
1981	350,026	131,311	481,337	9.39
1982	348,748	128,388	477,136	(0.87)
1983	355,537	173,966	529,503	10.98
1984	400,953	167,705	568,658	7.39
1985	431,567	193,002	624,569	9.83
1986	582,881	194,992	777,873	24.55
1987	588,902	167,484	756,386	(2.76)
1988	636,604	162,610	799,215	5.66
1989	645,199	161,101	806,300	0.89
1990	637,389	166,659	804,048	(0.28)
1991	804,855	175,714	980,569	21.95
1992	958,746	198,005	1,156,751	17.97
1993	811,058	186,189	997,247	(13.79)
1994	942,244	143,507	1,085,751	8.87
1995	994,676	122,630	1,117,306	2.91
1996	895,208	146,095	1,041,303	(6.80)
1997	844,014	327,576	1,171,590	12.51

Note: Details may not add up to total due to rounding.

Source: Philippine Postal Corporation.

**Table 13.21**  
**REGIONAL COMMODITY FLOW OF THE PHILIPPINES VIA RAIL MODE OF TRANSPORT**  
**1992 to 1996**  
(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin			Destination					
			Metropolitan Manila Area (NCR)		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>1992</b>								
All Commodities	13,083	143,048	3,098	31,998	5,288	21,451	4,697	89,600
NCR	2,826	71,095	-	-	84	2,080	2,742	69,015
Region 4	915	9,448	144	1,571	213	1,445	558	6,432
Region 5	9,343	62,506	2,954	30,427	4,991	17,926	1,398	14,153
<b>1993</b>								
All Commodities	14,827	146,225	2,301	30,660	7,718	27,863	4,808	87,702
NCR	2,089	66,366	-	-	89	2,819	2,000	63,547
Region 4	1,919	13,230	132	1,323	233	1,879	1,554	10,028
Region 5	10,819	66,629	2,169	29,337	7,396	23,165	1,254	14,127
<b>1994</b>								
All Commodities	11,735	148,300	2,018	29,665	4,007	23,021	5,711	95,614
NCR	2,320	73,040	-	-	112	4,168	2,208	68,872
Region 4	2,288	16,439	49	754	222	2,291	2,017	13,394
Region 5	7,128	58,821	1,969	28,911	3,673	16,562	1,486	13,348
<b>1995</b>								
All Commodities	15,213	152,514	1,852	26,467	3,499	18,474	9,862	107,573
NCR	2,128	70,830	-	-	73	2,515	2,055	68,315
Region 4	7,619	36,802	81	645	293	2,490	7,245	33,667
Region 5	5,466	44,882	1,771	25,822	3,133	13,469	562	5,591
<b>1996</b>								
All Commodities	1,536	38,821	431	8,789	433	8,721	672	21,311
NCR	488	18,410	-	-	29	1,275	459	17,135
Region 4	202	4,513	6	160	64	1,183	132	3,170
Region 5	846	15,898	425	8,629	340	6,263	81	1,006

Note: Decrease in data is attributed to stations closed for renovation starting last quarter of 1995 up to the last quarter of 1996.

Details may not add up to totals due to rounding.

Source: National Statistics Office.

**Table 13.22**  
**REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA AIR MODE OF TRANSPORT**  
**1994 to 1997**  
**(Quantity in thousand kilograms; Value in thousand pesos)**

Year/Origin	Total		Destination											
			NCR		Region 1		Region 2		Region 3		Region 4		Region 5	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
<b>1994</b>														
All Commodities	54,758	3,455,589	26,277	1,335,738	6	1,101	89	17,446	-	-	1,754	96,498	429	91,091
NCR	25,059	1,517,859	0	0	6	1,073	68	7,094	-	-	1,689	89,192	367	50,724
CAR	113	4,266	45	1,638	0	0	-	-	-	-	10	379	1	23
Region 1	7	2,630	1	45	*	0	5	2,448	-	-	*	19	*	4
Region 2	48	11,978	34	4,086	0	1	14	7,718	-	-	*	4	*	113
Region 3	-	-	-	-	0	0	-	-	-	-	-	-	-	-
Region 4	1,643	109,434	1,630	107,265	0	0	*	25	-	-	*	62	*	29
Region 5	701	130,400	624	91,569	*	0	*	4	-	-	1	88	27	36,087
Region 6	4,019	161,028	3,823	144,877	0	4	*	12	-	-	34	4,350	1	165
Region 7	9,151	584,091	7,486	306,624	0	0	*	18	-	-	16	1,859	29	3,238
Region 8	308	25,149	292	24,187	*	0	*	2	-	-	0	0	*	13
Region 9	2,091	284,334	1,574	116,232	0	2	*	5	-	-	*	101	1	91
Region 10	4,021	125,106	3,972	107,869	*	0	*	6	-	-	*	23	1	269
Region 11	6,857	442,447	6,184	391,203	0	14	2	114	-	-	4	416	2	284
Region 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMM	740	56,867	612	40,143	*	7	0	0	-	-	*	5	*	51
<b>1995</b>														
All Commodities	63,908	4,546,633	30,031	1,694,748	6	1,453	72	92,252	-	-	1,540	116,427	518	70,317
NCR	30,211	2,053,859	0	0	6	1,403	60	4,895	-	-	1,476	105,894	467	56,300
CAR	118	7,891	26	3,865	0	0	1	12	-	-	3	174	*	20
Region 1	2	84,379	1	105	0	0	1	84,034	-	-	*	14	*	20
Region 2	25	4,732	17	1,170	*	4	8	3,136	-	-	*	2	*	387
Region 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Region 4	1,841	107,075	1,830	105,816	0	0	*	6	-	-	2	127	*	39
Region 5	765	60,914	711	47,669	*	15	0	0	-	-	*	396	22	10,805
Region 6	4,891	225,094	4,676	207,332	*	*	*	4	-	-	43	3,920	1	255
Region 7	9,202	449,613	7,383	208,132	0	0	*	10	-	-	12	5,629	23	2,045
Region 8	566	34,739	552	33,948	0	0	0	0	-	-	*	5	*	8
Region 9	2,035	586,871	1,700	235,836	*	4	*	14	-	-	*	13	1	93
Region 10	4,287	118,550	4,230	113,779	0	0	*	4	-	-	*	25	1	99
Region 11	9,243	746,670	8,406	696,253	*	20	2	136	-	-	4	214	3	243
Region 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMM	722	66,246	499	40,843	*	7	*	1	-	-	*	14	*	3

Table 13.22 (continued)

Destination															
Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12		ARMM	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
6,543	418,034	9,040	548,536	1,240	117,797	1,668	286,759	1,593	154,824	5,540	328,234	-	-	579	59,531
5,914	280,255	8,019	427,172	1,192	112,018	1,162	113,279	1,486	141,271	4,676	254,608	-	-	480	41,173
45	1,701	8	329	1	38	3	110	*	2	*	39	-	-	*	7
*	3	*	2	0	0	*	*	1	5	*	77	-	-	*	27
*	18	*	9	*	5	0	0	*	*	*	24	-	-	0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	1,402	7	590	*	2	*	8	*	6	1	45	-	-	0	0
3	168	43	2,084	*	40	1	55	*	32	2	269	-	-	*	4
1	48	106	7,196	8	1,248	5	395	10	679	30	1,902	-	-	1	152
497	126,022	50	42,037	28	3,637	224	24,463	57	9,107	711	62,289	-	-	53	4,797
4	166	9	540	0	0	*	6	1	41	2	191	-	-	*	3
17	2,954	249	16,299	7	526	101	128,147	4	314	98	7,004	-	-	40	12,659
4	226	20	14,538	*	38	2	198	1	31	19	1,549	-	-	2	359
52	4,789	516	35,796	2	138	65	6,676	30	2,884	*	94	-	-	*	39
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	282	13	1,944	2	107	105	13,422	3	452	1	143	-	-	3	311
8,001	412,249	10,772	629,299	1,191	193,567	1,940	499,870	1,698	176,655	7,493	567,328	-	-	646	92,468
7,312	303,131	9,736	558,785	1,152	174,162	1,277	141,769	1,588	163,902	6,624	492,708	-	-	513	50,910
55	2,625	29	999	*	11	3	112	*	5	1	62	-	-	*	6
0	0	*	3	0	0	*	1	*	103	*	71	-	-	*	28
*	4	*	4	*	12	*	*	*	2	*	10	-	-	*	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	346	6	705	*	1	*	4	*	3	*	16	-	-	*	12
2	85	28	1,684	*	28	*	55	1	54	1	118	-	-	*	5
1	77	118	8,652	3	471	5	541	7	594	36	3,036	-	-	1	212
529	97,643	44	11,493	26	18,178	287	27,543	60	6,720	779	67,231	-	-	59	4,989
1	76	12	554	0	0	*	44	*	10	1	69	-	-	*	25
11	1,912	138	9,733	6	450	86	301,182	2	427	28	2,086	-	-	63	35,121
2	101	19	1,763	*	66	6	324	*	12	23	1,801	-	-	6	576
83	5,914	628	33,376	3	135	75	6,161	38	4,040	*	97	-	-	1	81
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	335	14	1,548	1	53	201	22,134	2	783	*	23	-	-	3	502

Table 13.22 (continued)  
REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA AIR MODE OF TRANSPORT  
1994 to 1997  
(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Total		Destination													
			NCR		CAR		Region 1		Region 2		Region 3		Region 4		Region 5	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1996																
All																
Commodities	73,720	5,326,658	33,643	1,621,553	3	639	5	1,732	44	11,589	-	-	2,342	110,187	420	68,382
NCR	35,992	2,589,779	0	0	2	473	5	1,642	28	5,120	-	-	2,259	101,306	357	58,807
CAR	174	5,687	79	1,920	0	0	0	0	2	58	-	-	8	218	1	41
Region 1	12	1,822	1	47	0	0	0	0	1	127	-	-	*	16	*	17
Region 2	30	7,150	20	1,023	*	3	*	24	10	6,015	-	-	*	17	*	37
Region 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Region 4	2,100	111,493	2,092	110,702	*	1	0	0	0	0	-	-	1	130	*	8
Region 5	844	57,969	789	50,250	*	1	*	62	0	0	-	-	*	31	33	6,124
Region 6	3,856	189,810	3,626	168,652	1	29	*	*	*	19	-	-	23	3,401	2	320
Region 7	9,111	381,165	6,853	197,094	*	24	*	1	*	3	-	-	44	4,417	16	2,252
Region 8	525	27,265	512	25,271	**	-	0	0	*	7	-	-	*	8	*	85
Region 9	1,602	545,873	1,337	130,616	*	78	*	*	*	20	-	-	*	78	2	144
Region 10	3,457	494,422	3,388	89,881	0	0	*	*	*	56	-	-	*	29	1	192
Region 11	15,413	861,736	14,536	810,216	*	29	*	2	3	163	-	-	7	531	8	347
Region 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMM	604	52,487	410	35,881	*	1	*	1	*	1	-	-	*	5	*	8
1997																
All																
Commodities	66,061	6,207,377	32,072	3,502,641	-	-	5	1,346	24	4,814	0	0	1,929	88,027	404	48,713
NCR	29,665	2,092,772	0	0	-	-	4	1,261	18	4,189	-	-	1,836	80,310	355	42,976
CAR	110	6,731	18	3,222	-	-	0	0	0	7	-	-	7	234	0	28
Region 1	3	467	1	70	-	-	0	0	0	0	-	-	0	47	0	7
Region 2	29	2,066	28	1,797	-	-	0	21	0	135	-	-	0	3	0	7
Region 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Region 4	1,689	99,245	1,685	98,899	-	-	0	0	0	0	-	-	3	277	0	2
Region 5	737	50,315	699	45,646	-	-	0	16	0	0	-	-	0	23	10	1,551
Region 6	4,128	190,991	3,867	162,234	-	-	0	9	0	46	-	-	13	1,617	2	213
Region 7	11,077	413,998	8,748	245,567	-	-	0	30	0	8	-	-	63	4,948	26	3,049
Region 8	275	19,997	260	16,532	-	-	0	0	0	3	-	-	0	9	0	89
Region 9	1,901	425,544	1,634	97,845	-	-	0	1	0	6	-	-	1	65	1	94
Region 10	2,832	110,835	2,781	105,731	-	-	0	3	0	14	-	-	0	31	2	110
Region 11	13,013	2,752,753	11,991	2,700,775	-	-	0	1	5	405	-	-	5	461	6	522
Region 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMM	601	41,664	360	24,323	-	-	0	5	0	0	-	-	0	2	0	65

Note: Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 13.22 (continued)

Destination																	
Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12		Region 13		ARMM	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
9,839	471,168	11,437	886,088	1,151	122,961	1,946	306,854	1,783	211,581	10,488	964,596	-	-	-	-	619	549,328
8,923	404,475	10,605	828,850	1,100	117,330	1,216	140,766	1,692	202,337	9,285	673,043	-	-	-	-	520	55,630
59	2,618	21	657	*	2	2	81	*	18	1	63	-	-	-	-	1	11
0	0	*	24	0	0	*	3	1	121	9	1,429	-	-	-	-	*	38
*	7	*	*	*	7	*	2	*	5	*	7	-	-	-	-	*	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	383	2	234	*	6	*	20	0	0	*	7	-	-	-	-	*	2
1	134	17	1,002	*	84	1	86	1	28	2	148	-	-	-	-	*	19
1	135	151	11,664	7	1,321	5	516	9	738	29	2,803	-	-	-	-	2	212
710	53,279	21	2,036	33	3,183	267	24,287	43	5,121	1,071	83,576	-	-	-	-	53	5,892
1	182	11	1,614	0	0	*	25	*	23	1	19	-	-	-	-	*	31
11	2,452	96	9,123	8	487	58	111,969	3	206	49	4,111	-	-	-	-	38	286,589
2	174	20	4,130	*	31	2	287	*	9	41	199,329	-	-	-	-	3	200,304
123	6,987	477	25,530	2	471	225	14,700	32	2,685	*	23	-	-	-	-	*	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	342	16	1,224	1	39	170	14,112	2	290	*	38	-	-	-	-	2	545
8,508	372,131	10,323	722,790	818	144,670	1,554	344,366	1,680	203,977	8,366	587,651	-	-	4	1,254	380	186,250
7,511	306,075	9,344	664,548	775	137,742	830	119,239	1,582	195,388	7,123	500,605	-	-	2	1,057	286	40,440
58	2,316	23	733	2	100	1	56	0	6	1	23	-	-	0	0	0	5
0	0	0	4	0	3	0	6	1	130	0	172	-	-	0	0	0	27
0	42	0	9	0	31	0	2	0	3	0	16	-	-	0	2	0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	48	0	8	0	1	0	0	0	0	0	9	-	-	0	0	0	0
11	1,291	10	779	0	80	0	89	2	129	3	668	-	-	0	1	0	43
1	31	181	20,328	5	1,054	8	675	7	1,210	38	3,340	-	-	1	36	5	235
715	50,788	10	871	27	2,612	284	22,217	41	3,445	1,122	76,901	-	-	1	47	40	3,561
1	75	13	3,024	0	0	1	20	0	182	0	56	-	-	0	0	0	6
12	1,806	73	5,322	4	2,688	67	172,624	4	437	66	3,718	-	-	0	24	39	140,938
3	351	26	1,548	0	53	3	382	0	14	12	2,057	-	-	0	25	6	542
193	9,129	586	22,562	2	234	183	15,674	39	2,875	0	6	-	-	0	34	1	109
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	177	56	3,056	1	72	176	13,382	3	159	0	78	-	-	0	30	2	343

**Table 13.23**  
**REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA WATER MODE OF TRANSPORT**  
**1995 to 1996**  
(Quantity in thousand kilograms; Value in thousand pesos)

Year/ Origin	Total		Destination			
			NCR		Region 1	
	Qty.	Value	Qty.	Value	Qty.	Value
<b>1995</b>						
All Commodities	23,938,724	279,371,743	5,416,640	66,017,128	167,654	1,284,455
NCR	2,436,967	66,564,719	150	1,050	0	0
CAR	0	0	0	0	0	0
Region 1	189,980	1,811,422	4,930	16,288	0	0
Region 2	717	26,643	717	26,643	0	0
Region 3	6,838,460	28,818,952	1,912,124	14,030,117	122,975	948,702
Region 4	1,044,122	17,590,375	213,004	2,291,033	33,115	217,121
Region 5	1,891,826	22,779,277	11,735	93,510	2,000	13,200
Region 6	1,953,757	24,996,816	648,085	10,593,289	632	56,478
Region 7	2,739,027	40,476,644	524,617	7,747,058	2,000	12,000
Region 8	459,613	7,573,231	32,644	822,281	0	0
Region 9	450,310	6,038,457	72,845	1,396,578	0	0
Region 10	2,445,458	25,653,029	545,706	8,588,314	0	0
Region 11	2,135,246	26,615,846	987,594	15,439,267	3,932	21,954
Region 12	1,194,660	8,759,412	456,269	4,907,943	3,000	15,000
ARMM	158,581	1,666,920	6,220	63,757	0	0
<b>1996</b>						
All Commodities	25,380	298,690,765	7,164	86,974,581	1,167	3,185,434
NCR	2,812	77,938,358	0	503	2	12,448
Region 1	115	1,210,856	0	0	22	119,768
Region 2	0	929	0	929	0	0
Region 3	5,246	36,153,867	2,894	18,996,950	252	2,098,208
Region 4	2,184	14,896,205	234	3,042,244	880	903,495
Region 5	253	4,203,280	17	170,666	2	14,000
Region 6	2,051	28,384,682	768	12,886,911	0	0
Region 7	2,975	38,681,090	441	7,989,222	0	0
Region 8	1,532	7,787,208	33	929,409	0	0
Region 9	571	7,495,053	109	2,117,526	0	0
Region 10	2,615	30,710,176	768	13,642,624	0	5
Region 11	2,809	30,430,273	1,080	16,247,298	4	26,772
Region 12	2,009	18,254,817	811	10,840,394	5	10,738
ARMM	207	2,543,971	9	109,905	0	0



Table 13.23 (continued)

Destination									
Region 2		Region 3		Region 4		Region 5		Region 6	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
47,188	346,879	3,380,431	4,203,027	1,637,163	24,199,372	632,007	6,885,072	2,018,343	25,307,821
1,501	13,244	8,237	91,552	132,426	2,940,953	25,578	451,347	351,577	9,079,858
0	0	0	0	0	0	0	0	0	0
17,596	90,861	550	963	20,664	54,468	45,750	86,131	3,500	6,125
0	0	0	0	0	0	0	0	0	0
25,075	214,073	3,336,786	3,797,781	381,865	2,443,678	9,054	76,965	164,020	1,282,958
2,424	5,021	18,760	118,485	557,486	13,462,857	19,119	90,559	43,078	376,908
592	23,680	0	0	138,427	1,996,336	209,727	3,826,024	22,685	211,883
0	0	6,039	44,047	87,557	1,007,596	40,207	649,436	676,180	6,801,558
0	0	4,074	57,485	20,935	347,830	48,137	642,665	270,415	4,732,736
0	0	2,427	61,550	12,977	198,172	22,881	211,223	7,221	93,894
0	0	0	0	120	2,523	38	14,203	7,726	76,311
0	0	3,492	30,403	235,040	1,425,292	144,819	460,279	246,085	1,534,401
0	0	26	601	25,501	182,119	23,874	264,904	66,307	672,164
0	0	40	160	24,165	137,548	42,823	111,336	156,587	422,433
0	0	0	0	0	0	0	0	2,962	16,592
1,951	452,444	195	1,809,190	1,469	14,730,678	811	7,519,862	2,047	76,642,192
6	63,096	20	165,238	111	2,729,000	13	324,657	378	10,591,602
22	121,089	6	24,409	6	15,372	3	5,250	0	0
0	0	0	0	0	0	0	0	0	0
26	176,610	103	650,193	482	3,464,232	16	123,536	227	1,675
5	63,432	11	116	254	3,311,124	107	1,225,134	171	1,334,288
0	6,400	0	0	68	1,007,671	88	2,161,426	3	40
0	0	3	36,810	99	1,127,766	42	696,722	575	61,466,663
946	10,874	0	1	26	227	33	292,658	8	107,065
946	10,874	0	747	26	227,116	33	292,658	8	107,065
0	0	0	60	13	8,896	3	30,158	6	86,842
0	0	1	5,200	123	862,445	166	570,106	252	1,804,434
0	0	41	817,465	197	1,228,979	235	1,573,225	209	1,119,515
0	0	0	0	65	747,850	72	222,902	209	1,120
0	69	9	108,952	0	0	0	1,430	3	21,883

**Table 13.23 (continued)**  
**REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA WATER MODE OF TRANSPORT**  
**1995 to 1996**  
(Quantity in thousand kilograms; Value in thousand pesos)

Year/ Origin	Destination					
	Region 7		Region 8		Region 9	
	Qty.	Value	Qty.	Value	Qty.	Value
<b>1995</b>						
All Commodities	3,838,594	50,880,715	1,216,120	29,277,502	846,659	10,727,058
NCR	751,046	20,766,747	137,996	3,956,953	125,781	3,160,666
Region 1	0	0	83,820	1,531,889	0	0
Region 2	0	0	0	0	0	0
Region 3	240,260	1,487,916	105,461	835,243	77,073	502,649
Region 4	53,501	391,922	35,854	145,875	7,713	83,954
Region 5	251,990	1,446,486	222,178	12,898,879	5,037	54,187
Region 6	283,091	3,101,431	50,189	641,069	56,525	887,235
Region 7	485,375	7,481,435	282,490	4,750,215	80,935	1,257,438
Region 8	120,621	1,352,672	36,413	375,764	15,066	133,210
Region 9	75,857	1,042,439	1,280	11,053	132,498	1,550,450
Region 10	643,777	6,228,543	175,347	3,529,766	52,197	201,621
Region 11	552,836	5,361,761	25,980	151,094	189,154	1,935,403
Region 12	369,379	2,118,342	59,112	449,702	24,833	112,094
ARMM	10,861	101,021	0	0	79,847	848,151
<b>1996</b>						
All Commodities	4,225	58,025,091	1,308	17,545,181	1,018	11,507,004
NCR	911	25,271,979	147	4,639,991	121	2,489,471
Region 1	3	16,711	53	908,257	0	0
Region 2	0	0	0	0	0	0
Region 3	415	3,034,186	114	807,150	196	1,326
Region 4	185	1,936,341	130	1,243,642	39	262,028
Region 5	27	237,066	7	119	3	24,484
Region 6	308	4,006,387	59	1,170,730	73	1,170,730
Region 7	328	4,675,053	360	4,920,600	84	2,190,175
Region 8	138	1,512,360	67	408,707	18	228,273
Region 9	120	1,065,916	8	98,972	147	2,115,168
Region 10	616	6,803,603	167	2,383,096	53	265,142
Region 11	564	5,656,494	157	840,447	146	1,395,813
Region 12	592	3,595,724	38	122,813	49	247,860
ARMM	18	213,271	0	657	89	1,116,534

Note: Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 13.23 (continued)

Destination									
Region 10		Region 11		Region 12		Region 13		ARMM	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1,870,899	29,049,889	2,059,164	21,280,730	551,853	5,570,621	-	-	256,006	4,341,474
322,871	10,478,967	516,160	13,548,367	39,252	1,127,221	-	-	24,392	947,794
5,530	9,332	5,000	10,000	2,640	5,365	-	-	0	0
0	0	0	0	0	0	-	-	0	0
189,541	1,263,062	154,541	1,127,947	92,212	583,580	-	-	27,473	224,281
14,589	121,629	31,087	218,158	10,697	37,108	-	-	3,695	29,745
24,732	188,580	903,227	1,184,894	99,496	841,618	-	-	0	0
45,906	512,388	24,421	376,541	20,737	113,630	-	-	14,186	212,118
818,784	9,789,904	76,003	1,273,361	110,898	1,325,264	-	-	14,362	1,059,253
121,408	3,526,086	12,272	52,900	75,667	745,240	-	-	16	239
8,394	42,269	49,244	773,711	19,252	167,123	-	-	83,056	961,797
215,246	2,385,421	111,725	730,919	71,003	533,240	-	-	1,022	4,830
60,641	361,784	161,254	1,881,469	8,273	85,466	-	-	29,874	257,860
42,754	366,197	10,406	94,290	1,726	5,766	-	-	3,566	18,601
503	4,270	3,824	8,173	0	0	-	-	54,364	624,956
2,582	33,299,178	1,345	22,095,256	627	6,268,361	-	-	368	5,051,379
481	14,609,523	549	14,840,135	36	1,024,177	-	-	38	1,176,540
0	0	0	0	0	0	-	-	0	0
0	0	0	0	0	0	-	-	0	0
134	954,662	145	1,099,181	190	1,333,047	-	-	51	414,546
72	544,453	71	680,399	22	204,505	-	-	3	29,463
4	45,593	5	48,110	29	328,424	-	-	0	0
61	734,097	28	454,679	19	120,880	-	-	16	252,020
1,165	10,145,694	97	1,316,380	98	976,614	-	-	16	220,678
178	3,065,769	4	53,739	82	950,491	-	-	0	0
7	81,679	50	586,541	35	363,208	-	-	74	940,086
251	2,701,327	104	733,343	112	930,185	-	-	1	8,664
87	403,403	258	1,894,921	5	31,883	-	-	35	313,574
139	1,031	25	280,355	0	1,000	-	-	67	847,904
3	11,947	10	107,473	0	3,947	-	-	67	847,904

# 14 ENERGY AND WATER RESOURCES

Energy is a major economic concern of the government since it plays an important role in the development process. The energy development program of the government is focused on the search for alternative sources of energy in order to reduce dependence on imported fossil fuel. These alternative sources of energy include hydroelectric, geothermal, natural gas, coal, and nuclear energy as well as non-conventional sources such as solar, ocean, and wind power.

To provide support to the country's energy program, there is a need for data on energy. Presented in this chapter are crude oil importations by country of origin, petroleum products consumption and sales to industrial consumers, energy consumption by source, power generation and installed generating capacity by utility, electric energy consumption by sector, and status of energization.

Similarly, the water resource sector is an important area of concern. While water is naturally abundant in the country, it has now become a scarce commodity in some areas. The data on water included in this chapter cover the duly organized water districts which were issued conditional certificates of conformance per region, irrigated and benefited areas of national irrigation systems, generated area of irrigation systems and irrigation development by region.

Statistics on energy and water resources are produced by the Department of Energy, National Electrification Administration, National Irrigation Administration and Local Water Utilities Administration.

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Figure 14.1 INSTALLED GENERATING CAPACITY: 1988 to 1997

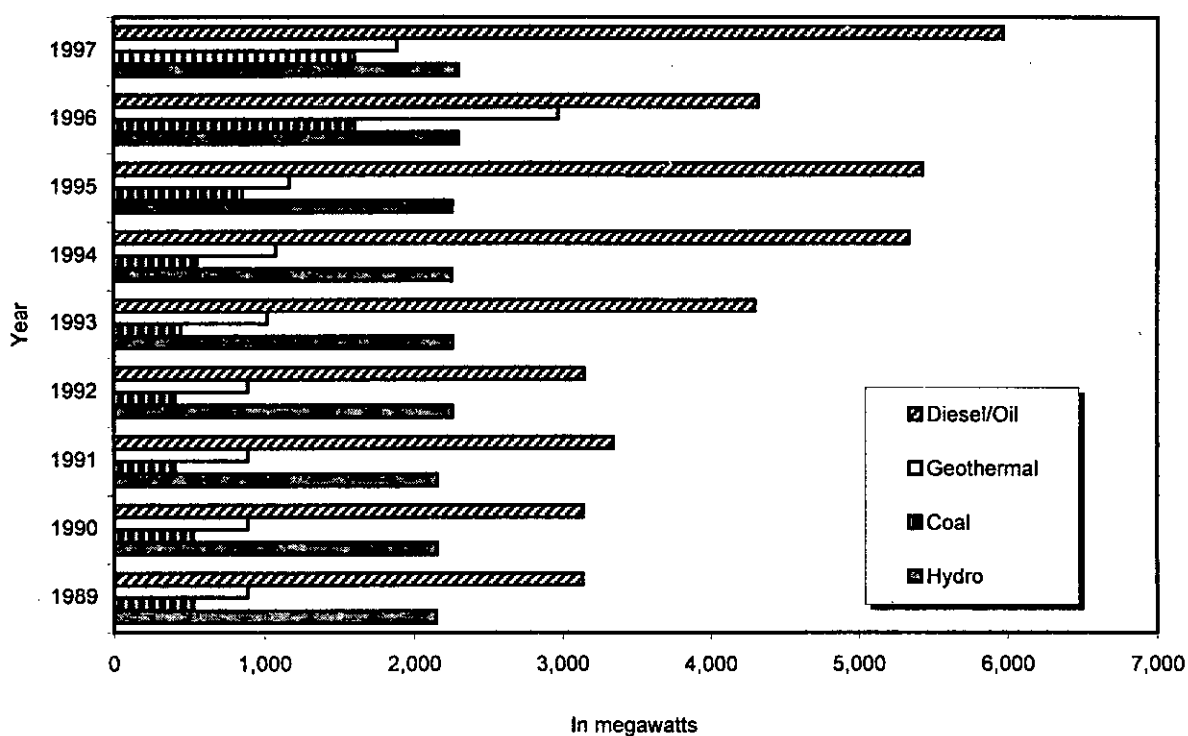
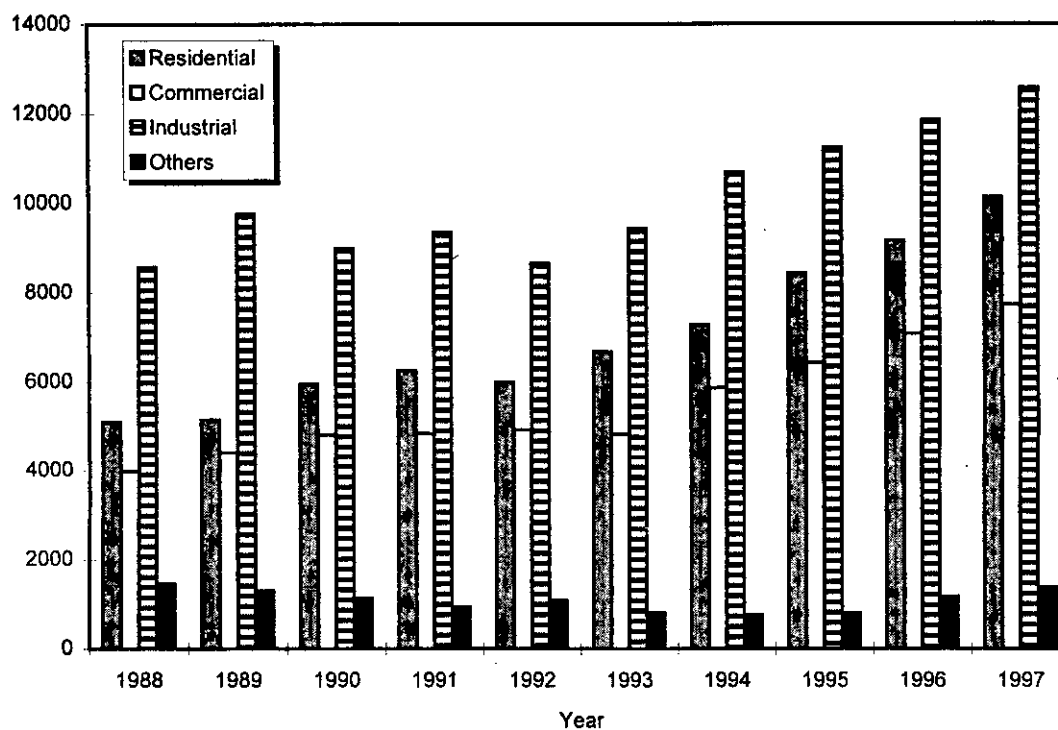


Figure 14.2 ELECTRIC ENERGY CONSUMPTION BY SECTOR: 1988 to 1997



**Table 14.1**  
**CRUDE OIL IMPORTATIONS BY COUNTRY OF ORIGIN**  
**1982 to 1997**  
**(Volume in thousand barrels; CIF value in thousand US dollars)**

Country	1982		1983		1984		1985	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	57,003	1,926,112	59,827	1,763,035	49,453	1,418,424	48,843	1,337,450
MIDDLE EAST	42,716	1,454,301	42,821	1,269,372	28,010	796,931	23,871	658,594
Saudi Arabia	28,226	954,104	25,521	751,525	12,838	367,999	8,855	244,927
Kuwait	6,631	221,261	5,676	160,658	11,269	317,557	8,068	223,481
Iran	-	-	1,206	34,904	-	-	889	24,534
Iraq	-	-	-	-	-	-	-	-
Abu Dhabi	-	-	1,815	55,141	-	-	2,850	78,016
Qatar	2,191	77,852	-	-	1,825	51,938	-	-
Dubai	5,668	201,084	7,123	224,417	680	19,886	2,157	58,754
Oman	-	-	1,000	29,745	602	17,434	-	-
Neutral Zone	-	-	480	12,982	796	22,117	1,052	28,882
United Arab Emirates	-	-	-	-	-	-	-	-
OTHER REGIONS	14,287	471,811	17,006	493,663	21,443	621,493	24,972	678,856
Indonesia	2,778	98,781	5,881	175,777	5,258	156,658	4,417	125,192
Malaysia	2,160	78,161	2,596	81,312	1,823	55,558	545	14,927
Brunei	2,207	78,630	1,841	56,826	6,337	165,744	8,088	204,754
China (PROC)	4,542	134,245	4,074	108,536	8,025	243,533	10,497	295,267
Mexico	2,600	81,994	2,614	71,212	-	-	-	-
Australia	-	-	-	-	-	-	1,425	38,716
Pakistan	-	-	-	-	-	-	-	-

Country	1990		1991		1992		1993	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	80,098	1,724,930	76,656	1,244,322	89,010	1,660,259	83,706	1,368,982
MIDDLE EAST	65,530	1,373,670	60,382	898,720	72,891	1,319,281	71,015	1,123,199
Saudi Arabia	25,659	581,653	34,682	617,474	43,441	775,783	37,641	584,635
Kuwait	6,748	110,179	-	-	4,997	92,214	11,655	183,804
Iran	5,331	140,391	11,408	199,833	9,467	170,488	7,289	113,882
Iraq	3,843	65,844	-	-	-	-	-	-
Abu Dhabi	-	-	-	-	-	-	-	-
Qatar	4,009	79,420	4,247	81,413	2,568	50,215	999	18,151
Dubai	17,777	350,648	10,045	-	-	-	-	-
Oman	1,030	16,607	-	-	-	-	-	-
Neutral Zone	-	-	-	-	-	-	-	-
United Arab Emirates	1,133	28,928	-	-	12,418	230,581	13,431	222,727
OTHER REGIONS	14,568	351,259	16,274	345,602	16,119	340,978	12,691	245,783
Indonesia	708	24,814	1,432	31,283	1,631	34,312	2,542	49,835
Malaysia	7,474	176,562	7,130	159,873	9,194	198,125	7,138	139,194
Brunei	4,491	112,477	4,562	98,601	4,303	90,561	2,251	44,942
China (PROC)	1,154	18,792	2,989	52,440	760	12,679	759	11,812
Mexico	-	-	-	-	-	-	-	-
Australia	430	9,538	-	-	231	5,301	-	-
Pakistan	311	9,076	161	3,405	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-

1 - FOB value in thousand US dollars.

Note: Details may not add up to totals due to rounding.

Source: Department of Energy.

Table 14.1 (Continued)

1986		1987		1988		1989	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
50,412	695,691	61,149	1,080,326	70,783	1,008,443	70,886	1,199,096
33,486	439,148	41,130	722,070	51,979	721,057	55,413	920,340
12,041	164,726	10,300	177,042	4,579	58,481	9,696	157,737
7,642	101,066	16,009	279,188	9,966	133,669	10,024	166,298
6,888	81,615	5,183	90,278	12,901	179,871	15,137	254,165
500	8,485	1,307	23,827	1,314	16,780	4,224	72,036
-	-	-	-	-	-	-	-
1,855	24,183	994	18,319	2,752	39,468	2,273	39,647
2,949	34,728	2,013	36,007	9,181	131,194	9,929	156,635
-	-	3,135	57,835	5,440	81,163	-	-
-	-	911	15,426	1,784	25,013	-	-
1,611	24,345	1,277	24,149	4,062	55,419	4,130	73,823
16,926	256,543	20,019	358,256	18,804	287,385	15,473	278,756
3,274	45,427	1,411	25,704	-	-	-	-
9,838	161,169	7,702	144,226	9,244	147,351	7,859	148,256
485	10,556	3,104	58,709	2,138	34,876	2,219	42,548
3,329	39,391	6,551	106,032	4,208	54,967	3,875	58,845
-	-	-	-	-	-	-	-
-	-	1,251	23,585	3,214	50,192	1,520	29,106
-	-	-	-	-	-	-	-

1994		1995		1996		1997	
Volume	Value	Volume	Value <sup>1</sup>	Volume	Value	Volume	Value
88,427	1,400,329	119,084	1,978,612	128,017	2,556,517	128,903	2,532,221
78,865	1,228,089	110,760	1,831,476	119,044	2,358,121	120,198	2,343,053
53,549	842,808	80,620	1,340,333	76,797	1,523,438	46,397	908,831
3,765	53,108	1,034	17,101	-	-	-	-
4,904	70,429	9,070	148,007	16,801	330,365	43,400	847,436
-	-	-	-	-	-	774	15,142
-	-	-	-	-	-	-	-
-	-	-	-	1,169	26,469	3,538	70,225
-	-	-	-	-	-	-	-
2,240	37,360	6,303	102,029	12,083	242,916	14,480	279,012
-	-	-	-	-	-	-	-
14,407	224,384	13,733	224,006	12,194	234,933	11,610	222,407
9,562	172,240	8,324	147,136	8,974	198,396	8,705	189,168
2,742	50,811	2,399	41,665	1,363	30,435	2,452	51,062
4,886	87,061	2,767	50,817	3,476	75,857	4,419	95,931
1,934	34,368	759	13,894	-	-	-	-
-	-	-	-	3,186	74,360	891	19,784
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	2,399	40,759	948	17,745	942	22,390



**Table 14.2**  
**PETROLEUM PRODUCTS CONSUMPTION BY TYPE OF PRODUCT**  
**1986 to 1997**  
**(In thousand barrels)**

Product	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total</b>	<b>57,742</b>	<b>67,144</b>	<b>72,575</b>	<b>83,728</b>	<b>87,277</b>	<b>87,267</b>	<b>96,731</b>	<b>105,045</b>	<b>111,575</b>	<b>125,392</b>	<b>131,600</b>	<b>139,630</b>
Aviation gasoline	35	36	39	39	36	28	28	26	52	34	35	35
Aviation turbo	2,716	3,304	3,758	4,281	3,983	3,983	4,447	4,656	4,985	4,914	6,103	7,694
Premium gasoline	6,334	7,055	7,751	8,829	9,390	8,112	9,160	10,385	10,431	11,981	13,620	13,855
Unleaded premium	-	-	-	-	-	-	-	-	1,047	1,799	2,145	3,255
Regular gasoline	2,806	3,090	3,248	3,471	3,465	2,965	3,236	3,456	3,597	3,959	4,142	4,470
Diesel	16,223	17,839	19,186	22,220	26,121	29,689	33,671	40,863	39,237	38,601	40,211	44,155
Fuel oil	21,511	26,645	28,002	32,488	31,271	29,905	32,045	30,343	36,005	45,734	45,158	46,865
Kerosene	2,273	2,545	2,815	3,456	3,704	3,579	3,916	4,239	4,283	4,361	4,563	5,054
LPG	2,464	2,843	3,503	4,183	4,598	4,742	5,431	6,188	7,132	8,335	9,287	10,319
Asphalts	289	282	317	342	286	326	304	256	232	302	273	-
Solvents	200	246	288	297	267	182	159	213	177	229	302	-
Naptha	-	-	-	-	-	0	0	0	14	409	402	-
Lubes and greases	747	897	887	1,058	1,070	907	1,022	1,105	1,107	1,184	1,244	-
Waxes and petrolatum	-	1	3	2	2	0	1	0	1	0	0	-
Others	5	7	7	10	13	10	11	12	12	28	39	-
Refinery fuel and loss	2,139	2,354	2,771	3,052	3,071	2,839	3,300	3,300	3,262	3,522	4,077	3,929

Note: Details may not add up to totals due to rounding.

Source: Department of Energy.

**Table 14.3**  
**PETROLEUM PRODUCTS SALES TO INDUSTRIAL CONSUMERS BY SECTOR**  
**1997**  
(In thousand barrels)

Sector	Amount
Total	77,421.90
Manufacturing	
Beverages	991.65
Tobacco	104.91
Coconut and vegetable oil	704.04
Sugar	672.25
Other food processing	1,824.65
Textiles/Apparel	1,216.80
Wood products/Furniture	112.61
Paper product/Printing	744.01
Chemicals except fertilizer	912.82
Fertilizer	189.48
Rubber/Rubber products	218.10
Glass/Glass products	678.03
Cement	1,875.01
Lube refining	5,145.00
Other non-metallic minerals	209.31
Basic metals	1,792.97
Machinery/Equipment	164.07
Mining	805.96
Construction	1,328.38
Transport	
Railway	15.64
Road transport	2,427.69
Water transport	4,874.97
Air transport	1,192.60
Commercial	
Wholesale trade	1,397.96
Finance and housing	10.62
Private services	127.37
Agriculture	
Fishery	2,139.24
Agricultural crop products	588.82
Livestock/Poultry	45.98
Agricultural services	34.47
Forestry	283.04
Power Generation	
National Power Corporation	31,372.92
Other private	2,144.39
Others, n.e.c.	7,146.89
Refinery fuel/Losses	3,929.27

Notes: Power generation includes ADO and IFO import for NPC and IFO sales by PPC to NPC  
Lube refining: less IFO sales by PPC to NPC.

Source: Department of Energy.

**Table 14.4**  
**ENERGY CONSUMPTION BY SOURCE**  
**1987 to 1997**  
(In million barrels of fuel-oil equivalent, MMBFOE)

Energy Source	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997 <sup>p</sup>
<b>Total</b>	<b>100.05</b>	<b>109.15</b>	<b>117.28</b>	<b>120.58</b>	<b>122.46</b>	<b>129.67</b>	<b>136.82</b>	<b>146.85</b>	<b>209.75</b>	<b>222.86</b>	<b>228.58</b>
<b>I. Indigenous Energy</b>	<b>38.16</b>	<b>40.28</b>	<b>41.80</b>	<b>41.31</b>	<b>40.61</b>	<b>38.01</b>	<b>39.28</b>	<b>42.51</b>	<b>92.25</b>	<b>97.13</b>	<b>96.00</b>
<b>a. Conventional</b>	<b>22.83</b>	<b>25.84</b>	<b>26.27</b>	<b>25.22</b>	<b>25.07</b>	<b>22.69</b>	<b>25.49</b>	<b>28.14</b>	<b>27.41</b>	<b>28.98</b>	<b>26.95</b>
Oil	1.75	1.91	1.72	1.53	1.06	0.54	1.19	0.55	0.03	0.45	0.08
Coal	4.27	4.78	4.18	3.82	5.21	4.99	5.86	6.59	6.09	5.06	4.00
Hydro	9.00	10.80	11.22	10.45	8.87	7.33	8.67	10.11	10.71	12.17	10.40
Geothermal	7.81	8.35	9.15	9.42	9.93	9.83	9.77	10.90	10.58	11.30	12.48
<b>b. Non-Conventional</b>	<b>15.33</b>	<b>14.44</b>	<b>15.53</b>	<b>16.09</b>	<b>15.54</b>	<b>15.32</b>	<b>13.79</b>	<b>14.03</b>	<b>64.84</b>	<b>68.15</b>	<b>69.05</b>
Bagasse	3.54	4.59	6.14	5.42	6.15	6.08	4.90	5.21	4.15	7.89	5.31
Agriwaste	11.23	9.33	9.12	10.35	9.03	8.83	8.42	8.28	...	60.01	63.34
Coconut Husks/Shell	...	...	...	...	...	...	...	...	15.08	13.94	15.19
Rice Husk	...	...	...	...	...	...	...	...	4.06	4.12	4.34
Wood/Woodwaste	...	...	...	...	...	...	...	...	39.34	39.84	39.93
Charcoal	...	...	...	...	...	...	...	...	2.10	2.10	3.89
Others	0.56	0.52	0.27	0.32	0.36	0.41	0.47	0.55	0.10	0.25	0.39
<b>II. Imported Energy</b>	<b>61.89</b>	<b>68.87</b>	<b>75.48</b>	<b>79.27</b>	<b>81.85</b>	<b>91.66</b>	<b>97.54</b>	<b>104.34</b>	<b>117.51</b>	<b>125.73</b>	<b>132.58</b>
Oil	59.18	65.13	72.48	76.20	78.58	88.97	94.79	102.19	113.98	117.40	120.78
Coal	2.71	3.74	3.00	3.07	3.28	2.69	2.75	2.16	3.53	8.34	11.80

p - Data are preliminary as of 30 May 1998.

Notes: 1. Details may not add up to totals due to rounding.

2. Data on non-conventional energy were based on actual production plus the household consumption.

3. 1996 data of coconut consumption was revised based on the submission of PCA dated 30 March 1998.

Source: Department of Energy.

**Table 14.5**  
**POWER GENERATION BY UTILITY**  
**1981 to 1997**  
(In million kilowatt hours)

Year	Total	National Power Corporation	Manila Electric Company	National Electrification Cooperatives	Private Utilities	Self-Generating Industries	Independent Power Producers
1981	18,583	15,988	-	222	368	2,005	-
1982	19,406	17,307	-	92	324	1,683	-
1983	21,454	18,693	-	-	2,761	-	-
1984	21,180	18,731	-	42	1,677	730	-
1985	22,767	18,717	-	-	4,050	-	-
1986	21,797	19,271	-	-	2,526	-	-
1987	22,642	20,958	274	85	521	804	-
1988	24,538	22,920	261	55	457	845	-
1989	25,573	24,087	359	33	110	984	-
1990	25,215	24,769	283	32	131	-	-
1991	25,654	25,451	-	35	168	-	-
1992	25,870	25,538	-	43	289	-	-
1993	26,579	26,421	-	40	118	-	-
1994	30,465	25,092	-	32	70	-	5,270
1995	33,529	22,138	-	48	53	-	11,291
1996	36,708	23,816	-	93	60	-	12,739
1997	39,815	23,167	-	62	44	-	16,542

Note: Details may not add up to totals due to rounding.

Source: Department of Energy.

**Table 14.6**  
**INSTALLED GENERATING CAPACITY**  
**1987 to 1997**  
**(In megawatts)**

Plant Type	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
TOTAL	6,545	6,640	6,863	6,869	6,789	6,695	8,014	9,212	9,696	11,190	11,752
Hydro	2,142	2,139	2,147	2,153	2,155	2,257	2,259	2,254	2,258	2,300	2,300
Coal	535	525	525	525	405	405	441	550	850	1,600	1,600
Geothermal	894	894	888	888	888	888	1,018	1,073	1,163	2,971	1,886
Diesel/Oil	2,790	2,915	3,136	3,136	3,341	3,145	4,296	5,335	5,425	4,319	5,966
Non-Conventional	184	167	167	167	-	-	-	-	-	-	-

Source: Department of Energy.

**Table 14.7**  
**ELECTRIC ENERGY CONSUMPTION BY SECTOR**  
**1981 to 1997**  
**(In million kilowatt hours)**

Year	Total	Residential	Commercial	Industrial	Others	Utilities Own Use	Power Losses
1981	18,583	3,424	3,157	7,597	1,098	1,157	2,150
1982	19,406	3,589	3,205	7,769	1,034	1,333	2,476
1983	21,454	3,991	3,487	8,724	939	1,509	2,804
1984	21,180	4,198	3,209	8,554	1,131	955	3,133
1985	22,766	4,482	3,231	9,008	1,356	943	3,746
1986	21,797	3,536	2,927	5,843	900	4,993	3,598
1987	22,642	4,702	3,561	7,750	1,221	1,070	4,338
1988	24,539	5,105	3,978	8,566	1,465	1,077	4,348
1989	25,573	5,161	4,428	9,763	1,299	1,125	3,797
1990	25,245	5,950	4,821	8,982	1,140	1,127	3,225
1991	25,654	6,249	4,847	9,339	930	1,086	3,203
1992	25,870	5,988	4,931	8,646	1,080	1,133	4,091
1993	26,777	6,667	4,838	9,426	804	1,127	3,915
1994	30,465	7,282	5,865	10,684	762	1,132	4,740
1995	33,529	8,425	6,421	11,228	789	1,246	5,422
1996	36,708	9,150	7,072	11,851	1,167	1,340	6,128
1997	39,816	10,121	7,723	12,568	1,373	1,438	6,593

Note: Details may not add up to totals due to rounding.  
Source: Department of Energy.

**Table 14.8**  
**STATUS OF ENERGIZATION (ELECTRIC COOPERATIVES)**  
**As of December 31, 1997**

Region	Municipalities			Barangays			Connections		
	Coverage	Energized	% Energized	Coverage	Energized	% Energized	Potential	Actual	% Energized
Philippines	1,450	1,450	100	36,018	24,719	69	7,409,000	4,447,991	60
CAR Cordillera Administrative Region	73	73	100	1,100	791	72	209,000	128,282	61
1 Ilocos Region	116	116	100	3,012	2,861	95	552,000	456,740	83
2 Cagayan Valley	97	97	100	2,386	1,719	72	434,000	285,391	66
3 Central Luzon	91	91	100	2,083	1,954	94	649,000	571,991	88
4 Southern Tagalog	148	148	100	3,517	2,614	74	723,000	482,360	67
5 Bicol Region	112	112	100	3,367	2,333	69	664,000	407,623	61
6 Western Visayas	132	132	100	3,869	2,676	69	878,000	451,582	51
7 Central Visayas	121	121	100	2,715	2,003	74	591,000	321,181	54
8 Eastern Visayas	143	143	100	4,391	2,604	59	554,000	279,323	50
9 Western Mindanao	80	80	100	2,154	1,054	49	434,000	205,826	47
10 Northern Mindanao	67	67	100	1,452	1,119	77	320,000	209,380	65
11 Southern Mindanao	79	79	100	1,570	899	57	600,000	292,610	49
12 Central Mindanao	31	31	100	752	384	51	147,000	83,220	57
13 Caraga	73	73	100	1,302	918	71	314,000	211,212	67
ARMM Autonomous Region in Muslim Mindanao	87	87	100	2,348	790	34	340,000	61,270	18

Source: National Electrification Administration.

**Table 14.9**  
**NUMBER OF DULY ORGANIZED WATER DISTRICTS, FILED AND ISSUED**  
**CONDITIONAL CERTIFICATE OF CONFORMANCE BY REGION**  
**1987 to 1997**

Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Philippines	52	53	49	49	30	8	13	17	4	9	8
CAR Cordillera Administrative Region	-	1	1	5	1	-	-	-	-	-	-
1 Ilocos Region	6	4	1	2	-	-	2	-	2	2	3
2 Cagayan Valley	7	5	6	2	2	-	-	3	-	-	-
3 Central Luzon	16	8	9	6	6	1	-	4	1	1	-
4 Southern Tagalog	2	9	5	8	2	1	2	2	-	1	2
5 Bicol Region	3	5	1	7	1	-	-	-	-	-	1
6 Western Visayas	9	15	7	5	1	2	1	1	-	-	-
7 Central Visayas	-	-	2	2	4	-	-	1	-	-	-
8 Eastern Visayas	5	2	4	2	1	-	3	1	-	2	2
9 Western Mindanao	1	1	3	2	2	3	2	1	-	-	-
10 Northern Mindanao	1	1	5	2	3	-	1	-	-	-	-
11 Southern Mindanao	2	1	4	4	4	1	-	-	1	1	-
12 Central Mindanao	-	1	1	2	3	-	2	4	-	2	-

Source: Local Water Utilities Administration.

**Table 14.10**  
**IRRIGATED AND BENEFITED AREAS OF NATIONAL IRRIGATION SYSTEMS**  
**1981 to 1997**  
**(Area in hectares)**

Year	Service Area <sup>1</sup>	Irrigated Area		Benefited Area		Average Yield (cav/ha.)	
		Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season
1981	491,729	372,038	300,416	360,928	287,871	73	77
1982	514,334	390,342	320,463	379,274	313,445	77	80
1983	549,266	360,258	295,381	345,355	276,592	75	77
1984	554,663	414,923	289,500	381,112	264,262	75	76
1985	567,160	430,069	350,393	399,178	331,959	74	80
1986	595,901	435,751	378,290	419,075	368,377	75	78
1987	600,498	439,665	375,763	415,256	349,983	76	78
1988	616,072	445,425	342,752	366,083	320,365	74	77
1989	616,392	462,191	385,190	387,900	363,399	76	80
1990	620,964	484,235	380,949	426,692	347,654	78	81
1991	636,118	459,328	429,724	412,651	412,517	76	81
1992	645,789	461,962	402,463	413,181	352,459	76	78
1993	646,519	459,778	406,191	411,289	374,277	...	...
1994	651,812	469,125	411,156	422,457	392,660	...	...
1995	651,812	471,568	407,869	392,129	350,051	...	...
1996	651,812	474,436	409,793	412,053	385,537	...	...
1997	662,714	465,201	406,455	433,283	378,122	...	...

1 - At the beginning of the year.

Note: Wet season is for the months of May to October of current year while dry season is from November of previous year to April of current year.

Source: National Irrigation Administration.

**Table 14.11**  
**GENERATED AREA OF NATIONAL, COMMUNAL, AND PUMP/PRIVATE**  
**IRRIGATION SYSTEMS/PROJECTS**  
**1980 to 1997**  
**(Area in hectares)**

Year	Total	National	Communal	Pump/Private
1980	48,263	20,147	27,659	457
1981	47,248	24,918	22,330	-
1982	60,472	28,451	32,021	-
1983	49,336	34,601	14,735	-
1984	29,978	20,008	9,970	-
1985	27,943	21,651	6,292	-
1986	24,642	20,913	3,729	-
1987	19,274	14,983	4,291	-
1988	25,948	14,428	11,520	-
1989	27,530	16,225	11,305	-
1990	24,753	5,883	18,870	-
1991	14,246	4,585	9,661	-
1992	10,666	1,037	9,629	-
1993	7,722	1,314	6,408	-
1994	6,736	2,526	4,210	-
1995	9,292	2,130	7,162	-
1996	10,140	2,311	7,829	-
1997	41,040	19,495	20,749	796

Note: From 1981 to 1996, NIA discontinued the development of pump systems due to uneconomic cost of operations and maintenance.

Source: National Irrigation Administration.

**Table 14.12**  
**STATUS OF IRRIGATION DEVELOPMENT BY REGION**  
**As of December 31, 1997**  
**(Area in hectares)**

Region	Potential Irrigable Area	Service Area				Irrigation Development (in percent)
		Total	National	Communal	Private	
Philippines	3,126,340	1,335,517	662,714	491,356	181,447	42.6
CAR	99,650	58,959	11,444	19,498	28,017	59.2
1	277,180	173,396	53,400	90,530	29,466	62.6
2	472,640	196,005	143,060	29,850	23,095	41.5
3	482,230	254,544	172,889	63,663	17,992	52.8
4	263,590	120,062	52,228	44,010	23,824	45.5
5	239,660	109,554	23,412	63,432	22,710	45.7
6	197,250	76,988	52,235	19,254	5,499	39.0
7 and 8	135,120	72,513	15,842	49,216	7,455	53.7
9	76,500	33,582	15,162	16,448	1,972	43.9
10	108,140	35,193	17,757	14,684	2,752	32.5
11	301,860	109,023	59,029	37,925	12,069	36.1
12	310,220	61,096	31,365	26,264	3,467	19.7
13	162,300	34,602	14,891	16,582	3,129	21.3

Note: Region 13 is Caraga.

Source: National Irrigation Administration.

# 15 PUBLIC ADMINISTRATION

Public Administration covers the factors, aspects, and processes of governance. This chapter presents statistics on the inputs and operations performed by the Philippine government in providing public goods and services. Its operations are anchored in the Constitution and enabling acts translated through plans/programs contained in the Medium Term Development Plan based on a mix of resources and institutional capacities and a chain of societal concerns presented by individuals and other interest groups.

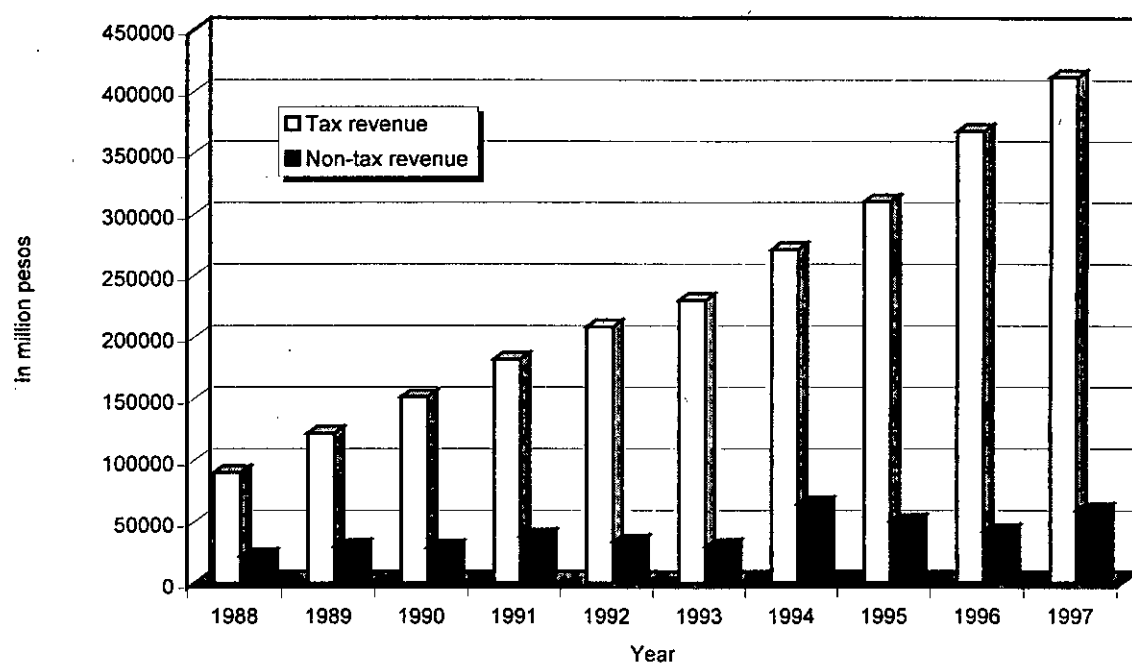
This year's issue initially presented data on resources, revenues, expenditure, debts, and securities which were formerly placed under a Public Finance chapter and now includes data on personnel, electoral processes, number of provinces, cities, municipalities, and barangays by region. These data were gathered from administrative reports of the Department of Budget and Management, Bureau of the Treasury, Commission on Audit, Bangko Sentral ng Pilipinas, Commission on Elections, Civil Service Commission, and the National Statistical Coordination Board. More data are being explored for inclusion in future issues.

Through this chapter, it is hoped that policy makers will be able to determine the needs, level, quality, type and proper focus of the government functions in the various sector of the society.

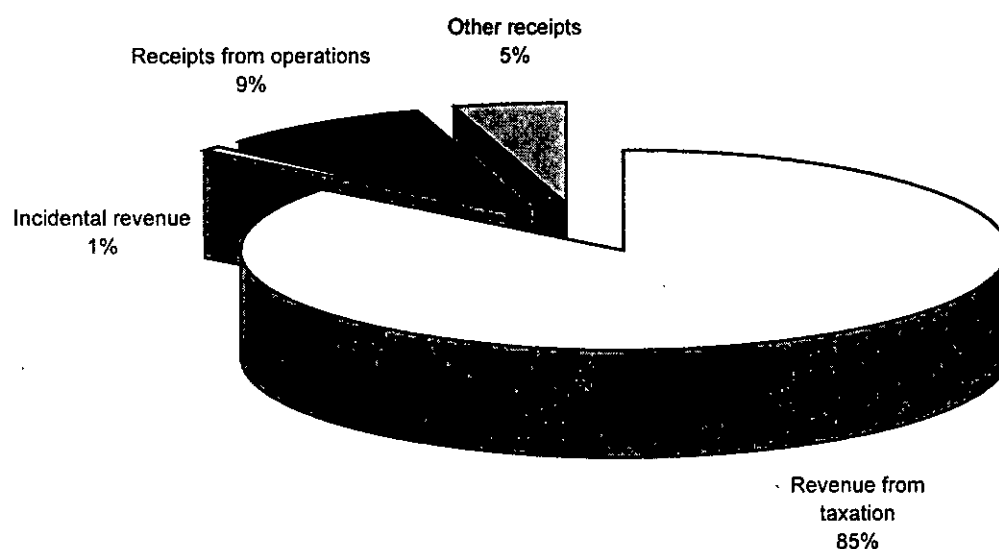


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**Figure 15.1 NATIONAL GOVERNMENT REVENUES BY TYPE: 1988 to 1997**



**Figure 15.2 LOCAL GOVERNMENT REVENUES BY TYPE: 1996**  
Provinces, Chartered Cities and Municipalities, (In million pesos)



**Table 15.1**  
**NATIONAL GOVERNMENT CASH BUDGET**  
**1986 to 1998**  
**(In million pesos)**

Item	1986	1987	1988	1989	1990
Revenues	79,245	103,214	112,900	142,100	179,500
Less: Current Operating Expenditures	66,921	95,503	113,600	127,500	149,300
Current Surplus	12,324	7,711	(700)	14,600	30,200
Less: Capital Outlays and Net Lending	43,576	24,404	22,500	29,200	38,100
Deficit/surplus	(31,252)	(16,693)	(23,200)	(14,600)	(7,900)
Financing Account	31,252	16,693	23,200	14,600	7,900
Net Domestic	27,672	9,912	19,000	3,100	1,400
Net External	3,580	6,781	4,200	11,500	6,500

Source: Department of Budget and Management.

**Table 15.2**  
**NATIONAL GOVERNMENT REVENUES, BY TYPE**  
**1985 to 1997**  
**(In million pesos)**

Item	1985	1986	1987	1988	1989
Total Revenues	68,961	79,245	103,214	112,861	152,410
1. Tax revenue	61,253	65,491	85,923	90,352	122,462
Taxes on net income and profits	18,655	19,148	21,799	27,409	37,592
Taxes on property	173	205	239	384	659
Real property taxes	106	123	177	306	537
Transfers taxes	67	82	62	78	122
Taxes on goods and services	22,677	26,659	35,893	33,207	42,040
General sales, turnover or value added taxes	3,018	3,712	5,931	7,495	10,156
Selective taxes on goods	14,024	16,383	22,641	19,597	24,857
Selective taxes on services	3,566	4,553	4,727	3,571	4,596
Taxes on use of goods or permissions to perform activities and others	2,069	2,011	2,594	2,544	2,431
Taxes on international trade and transactions	18,441	17,851	26,274	25,580	38,919
Import duties & taxes	15,785	16,859	25,977	25,011	38,375
Export taxes	997	637	15	3	0
Others	1,659	355	282	566	544
Other taxes	1,307	1,628	1,718	3,772	3,252
Stamps taxes	1,176	1,451	1,472	2,534	3,033
Residence taxes	0	0	0	0	0
Others	131	177	246	1,238	219
Non-tax revenue	7,708	13,754	17,291	22,509	29,948
Non-tax revenue proper	7,325	13,219	15,568	20,723	23,263
Capital revenue	3	4	5	11	4,984
Grants	380	531	1,718	1,775	1,701

Source: Bureau of the Treasury.

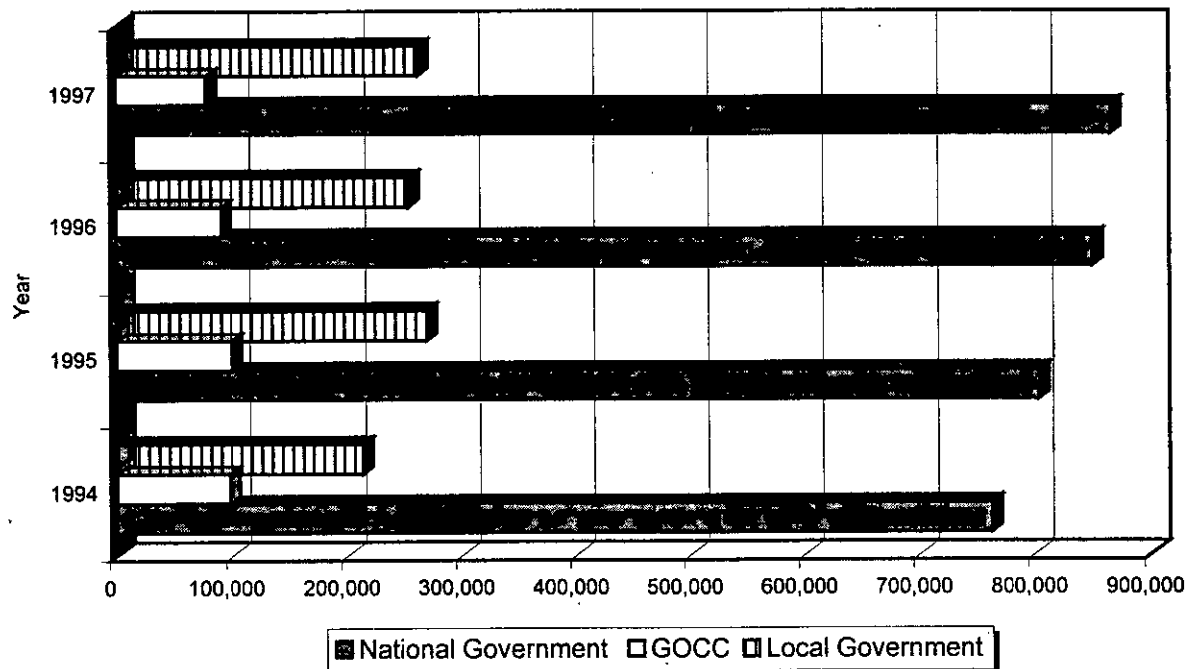
Table 15.1 (continued)

1991	1992	1993	1994	1995	1996	1997	1998
220,787	223,300	260,300	335,300	370,000	417,200	485,110	540,920
196,523	214,900	223,300	258,000	279,300	307,100	369,070	418,097
24,264	8,400	37,000	77,300	90,700	110,100	116,040	122,823
44,098	50,700	57,600	59,200	75,200	92,600	101,340	106,823
(19,834)	(42,300)	(20,600)	18,100	15,500	17,500	14,700	16,000
19,834	42,300	20,600	(18,100)	(15,500)	(17,500)	(14,700)	(16,000)
12,954	27,900	9,400	(4,400)	(15,000)	(12,800)	(5,114)	(1,364)
6,880	14,400	11,200	(13,700)	(500)	(4,700)	(9,586)	(14,636)

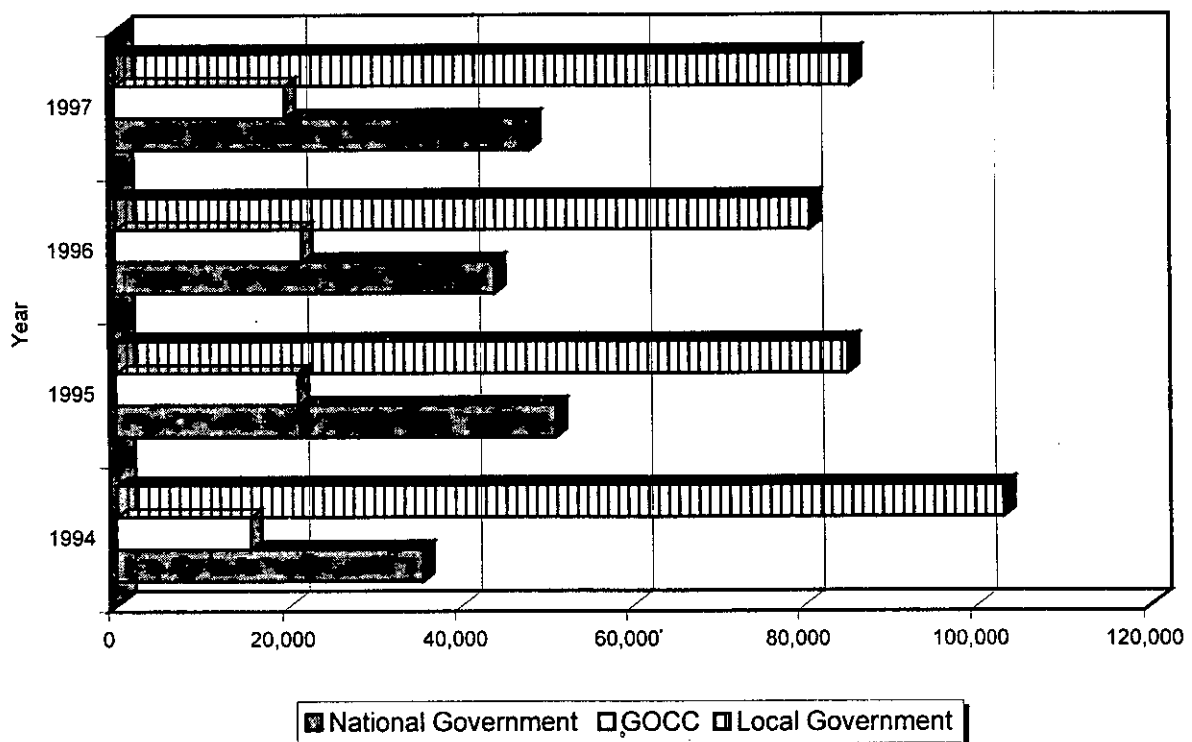
Table 15.2 (continued)

1990	1991	1992	1993	1994	1995	1996	1997 <sup>P</sup>
180,902	220,787	242,714	260,405	336,160	361,220	410,449	471,843
151,698	182,275	208,706	230,170	271,305	310,517	367,894	412,165
49,366	61,053	70,123	74,795	91,886	111,165	136,356	164,170
279	189	248	223	383	417	565	881
84	22	0	0	0	0	0	0
195	167	248	223	383	417	565	881
50,745	51,155	57,285	65,938	76,025	84,840	107,689	130,720
13,079	14,951	18,113	22,665	21,755	28,817	40,926	47,273
28,875	25,389	27,629	30,258	39,594	38,526	48,389	63,049
6,207	7,967	8,276	9,198	13,363	15,482	16,528	18,908
2,584	2,848	3,267	3,817	1,313	2,015	1,846	1,490
46,570	64,973	73,577	82,691	82,318	97,965	104,850	95,187
45,948	64,391	72,871	81,971	81,610	97,601	104,566	94,800
0	0	0	0	0	0	0	0
622	582	706	720	708	364	284	387
4,738	4,905	7,473	6,523	20,693	16,130	18,434	21,207
3,544	4,838	6,419	5,717	14,013	12,399	14,292	16,474
0	0	0	0	0	0	0	0
1,194	67	1,054	806	6,680	3,731	4,142	4,733
29,204	38,512	34,008	30,235	64,855	50,703	42,555	59,678
22,642	31,321	29,987	27,007	34,209	26,886	36,326	48,512
4,181	4,119	1,876	1,677	29,914	22,829	5,660	9,428
2,381	3,072	2,145	1,551	732	988	569	1,738

**Figure 15.3 NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION, REGULAR POSITIONS: 1994 to 1997**



**Figure 15.4 NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION, CASUALS/CONTRACTUALS: 1994 to 1997**



**Table 15.3**  
**EXPENDITURE PROGRAM BY SECTOR**  
**1996 to 1998**

Particulars	Levels (in million pesos)			Percent Distribution		
	1996	1997	1998	1996	1997	1998
Total	416,138	493,467	540,783	100.0	99.4	100.0
SOCIAL SERVICES	122,863	159,972	178,394	29.52	32.22	32.99
Education, Culture, and Manpower Development	74,682	95,574	109,490	17.95	19.25	20.25
Health	11,254	15,006	15,281	2.70	3.02	2.83
Social Security, Labor and Employment	10,092	11,714	13,608	2.43	2.36	2.52
Housing and Community Development	5,153	2,102	2,958	1.24	0.42	0.55
Land Distribution	0	3,169	2,507	0.00	0.64	0.46
Other Social Services	742	6,119	4,584	0.18	1.23	0.85
Subsidy to Local Government Units	20,940	26,288	29,966	5.03	5.30	5.54
ECONOMIC SERVICES	105,399	136,673	141,535	25.33	27.53	26.17
Agriculture, Agrarian Reform, and Natural Resources	28,874	30,363	29,845	6.94	6.12	5.52
Trade and Industry	4,429	4,637	3,302	1.06	0.93	0.61
Tourism	743	771	705	0.18	0.16	0.13
Power and Energy	1,106	945	3,669	0.27	0.19	0.68
Water Resource Development and Flood Control	2,695	2,709	5,430	0.65	0.55	1.00
Communications, Roads, and Other Transport	42,935	63,765	58,083	10.32	12.84	10.74
Other Economic Services	4,809	8,616	12,155	1.16	1.74	2.25
Subsidy to Local Government Units	19,808	24,867	28,346	4.76	5.01	5.24
DEFENSE	30,978	37,285	47,188	7.44	7.51	8.73
Domestic security	30,978	37,285	47,188	7.44	7.51	8.73
GENERAL PUBLIC SERVICES	79,215	83,376	97,635	19.04	16.79	18.05
General Administration	31,671	28,096	32,711	7.61	5.66	6.05
Public Order and Safety	28,272	34,373	41,038	6.79	6.92	7.59
Other General Public Services	3,389	976	1,172	0.81	0.20	0.22
Subsidy to Local Government Units	15,883	19,931	22,714	3.82	4.01	4.20
NET LENDING	1,161	1,111	486	0.28	0.22	0.09
INTEREST PAYMENTS	76,522	75,050	75,545	18.39	15.12	13.97

Notes: Details may not add up to totals due to rounding.

Principal amortization is included under financing account.

Source: Department of Budget and Management.

**Table 15.4**  
**NATIONAL GOVERNMENT EXPENDITURES BY ECONOMIC CLASSIFICATION**  
**1984 to 1998**  
**(In million pesos)**

Type of Expenditure	1984	1985	1986	1987	1988	1989
National Government Expenditures	92,107.0	92,511.0	115,102.0	155,504.0	167,409.0	173,339.0
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, & other benefits)	18,304.0	22,530.0	26,733.0	31,537.4	43,595.9	52,006.0
2. Maintenance and other operating expenses	11,318.0	12,665.0	13,425.2	19,074.0	19,105.9	23,175.0
a. Travelling expenses	921.0	675.0	717.0	935.9	1,166.8	1,285.0
b. Communication services	118.0	161.0	159.0	177.3	254.6	295.0
c. Repairs & maintenance of government facilities	1,645.0	1,556.0	2,322.0	2,345.5	3,505.8	2,861.0
d. Transportation services	179.0	242.0	228.0	200.3	338.3	311.0
e. Other services	3,242.0	4,147.0	3,974.0	8,416.8	5,364.0	8,063.0
f. Supplies and materials	3,044.0	3,687.0	3,745.0	4,597.1	5,462.0	6,952.0
g. Rent expense	294.0	302.0	313.0	275.4	447.5	507.0
h. Maintenance of motor vehicles used for official travel of officials & employees	807.0	866.0	784.0	963.7	1,070.7	1,441.0
i. Water, illumination & power service	512.0	600.0	751.0	724.4	909.3	919.0
j. Discretionary expenses, representation and emergency expenses	418.0	267.0	197.0	343.0	352.0	315.0
k. Others	138.0	162.0	235.2	94.6	234.9	226.0
3. Debt Service	38,360.0	22,264.0	40,562.0	70,223.6	71,321.1	56,924.0
a. Interest payments	10,383.0	14,901.0	21,442.0	37,434.2	45,864.5	39,716.0
b. Loan repayment & sinking fund contribution	27,977.0	7,363.0	19,120.0	32,789.4	25,456.6	17,209.0
4. Net lending	-	-	-	7,640.9	4,907.0	1,589.0
5. Transfer payments	4,316.0	5,558.0	7,936.8	6,767.4	10,241.3	12,281.0
a. Grants, subsidies & contributions	3,989.0	5,207.0	6,922.0	5,934.9	8,368.8	10,931.0
b. Awards and indemnities	-	-	17.8	19.2	15.2	13.0
c. SSS benefits & other claims (retirement benefits & gratuities)	327.0	351.0	997.0	813.3	1,857.3	1,337.0
6. Capital Outlay	19,809.0	29,494.0	26,445.0	20,260.7	18,237.8	27,364.0
a. Land & land improvement; building and structure outlay	5,358.0	8,184.0	8,312.0	11,285.1	11,832.8	16,976.0
b. Furniture & equipment outlay	648.0	1,169.0	879.0	1,225.7	2,810.6	3,502.0
c. Investment outlay	9,889.0	14,403.0	12,128.0	4,724.1	2,374.2	5,552.0
d. Loans outlay	3,913.0	5,738.0	5,126.0	3,025.8	1,220.2	1,334.0
e. Livestock, crops and work animals outlay	-	-	-	-	-	-

a - Loan amortization is included under financing account.

Sources: Commission on Audit (1984 to 1986);

Department of Budget and Management (1987 to 1998).

Table 15.4 (continued)

1990	1991	1992	1993	1994	1995	1996	1996	1998
255,775.4	293,160.6	286,603.0	313,752.4	327,768.0	392,449.9	399,760.7	469,006.0	522,811.1
64,289.0	69,327.0	77,554.0	76,947.5	92,572.8	116,747.7	138,332.7	179,534.7	208,388.5
26,293.3	27,693.9	30,841.7	31,603.2	34,631.7	44,386.7	51,439.1	54,444.6	61,391.7
1,573.8	1,708.2	1,610.7	1,658.6	1,931.4	2,300.5	2,831.5	2,958.5	3,581.0
320.2	356.3	390.2	415.5	473.4	617.5	628.0	807.4	966.0
3,011.4	2,876.5	2,187.6	3,001.5	3,177.6	5,840.9	5,989.0	6,783.2	7,460.5
328.7	316.4	377.9	514.2	315.7	453.9	356.3	431.9	439.5
9,253.1	7,844.5	9,232.8	11,724.8	10,254.8	15,499.6	14,228.7	19,014.3	21,347.7
8,313.3	9,762.6	11,014.9	11,240.6	11,008.5	13,835.9	13,821.6	14,032.3	15,602.8
543.1	581.7	666.3	741.8	962.4	1,126.6	1,319.7	1,688.3	2,017.9
1,254.3	1,475.4	837.6	631.7	758.3	1,076.9	508.4	1,097.8	1,018.1
1,055.7	1,295.4	1,313.8	1,510.6	1,706.5	1,953.7	2,102.2	2,333.8	2,745.0
396.5	128.6	319.8	163.9	345.5	262.6	157.1	586.9	804.3
243.2	1,348.3	2,890.1	-	3,697.6	1,418.6	9,496.6	4,710.2	5,408.9
106,346.0	120,455.5	109,253.0	114,164.6	79,165.8	76,841.8	76,562.7	75,081.5	75,571.0
71,114.0	74,921.8	79,571.0	77,328.6	79,123.0	76,814.5	76,532.0	75,050.5	75,545.0
35,232.0	45,533.7	29,682.0	36,836.0	42.8 *	27.3 *	30.7 *	31.0 *	26.0
2,155.7	5,740.0	2,198.7	2,707.0	(1,114.0)	1,127.0	1,161.0	1,110.6	485.8
18,455.4	20,307.1	29,133.9	43,348.8	55,896.1	56,128.5	83,407.4	91,863.0	105,439.7
16,466.7	17,655.6	26,814.4	41,365.9	53,698.1	53,333.6	79,013.5	86,691.7	99,141.6
32.6	27.0	48.2	36.6	52.6	41.2	132.6	113.5	152.7
1,956.1	2,624.5	2,271.3	1,946.4	2,145.4	2,753.7	4,261.3	5,057.8	6,145.4
38,236.0	49,637.1	37,621.7	44,981.3	66,615.6	97,218.2	48,857.8	66,971.6	71,534.4
29,406.2	36,505.8	27,839.3	32,485.6	51,065.8	76,432.9	34,458.0	50,158.7	51,803.2
2,451.5	5,023.7	5,884.1	4,896.6	5,770.3	12,730.3	7,944.2	10,582.0	17,040.5
5,577.9	5,001.9	2,611.1	6,173.3	8,326.3	6,028.4	4,135.5	4,737.6	1,523.5
800.4	3,105.7	1,287.2	1,425.8	1,401.4	1,192.8	2,068.2	1,319.9	962.4
-	-	-	-	51.8	833.8	251.9	173.4	204.8



**Table 15.5**  
**LOCAL GOVERNMENT REVENUES <sup>1</sup> BY TYPE**  
**1965 to 1996**  
**(Provinces, Chartered Cities and Municipalities)**  
**(In million pesos)**

Year <sup>2</sup>	Total income	Revenue from taxation	Incidental revenue	Receipts from operations	Other receipts
1965	570.4	385.5	44.1	55.5	85.3
1966	640.3	400.9	46.6	63.9	129.8
1967	682.4	453.5	50.7	68.6	109.6
1968	750.4	496.4	53.8	73.5	126.7
1969	853.5	577.4	57.4	77.8	140.9
1970	1,005.6	692.3	63.9	81.1	168.3
1971	1,094.4	793.6	68.9	88.5	143.4
1972	1,383.7	995.3	75.3	95.0	218.1
1973	1,596.8	1,145.4	101.2	118.9	231.3
1974	1,845.5	1,262.0	121.3	129.6	332.6
1975	2,344.1	1,454.1	152.9	158.2	578.9
1976	1,812.8	1,164.3	120.8	111.8	415.9
1977	2,624.9	1,896.7	298.5	280.6	149.1
1978	2,847.4	2,011.9	4.6	606.0	144.9
1979	3,686.5	2,682.0	339.4	586.8	78.3
1980	4,573.4	3,280.6	374.7	638.2	279.9
1981	5,101.9	3,804.6	431.4	752.2	113.7
1982	5,929.1	4,501.2	469.3	879.2	79.4
1983	6,699.8	5,040.4	463.8	1,052.4	143.2
1984	7,348.5	5,454.0	530.0	1,204.9	159.6
1985	8,510.3	6,198.5	763.1	1,430.7	118.0
1986	8,661.1	6,537.3	739.2	1,322.8	61.8
1987	8,923.5	6,777.4	641.5	1,460.8	43.8
1988	13,358.9	8,052.7	3,618.2	1,634.4	53.6
1989	15,280.6	9,653.8	3,110.6	2,444.2	72.0
1990	19,061.1	13,004.7	2,911.6	3,039.0	105.8
1991	23,899.5	16,484.1	3,639.3	3,310.4	465.7
1992	27,433.5	23,086.2	856.2	3,054.0	437.1
1993	44,210.4	38,165.9	676.0	4,010.3	1,358.2
1994	59,830.4	51,400.5	622.2	5,167.6	2,640.1
1995	67,840.0	58,937.2	800.4	5,575.4	2,527.0
1996	76,109.3	65,046.6	661.7	6,787.6	3,613.4

1 - Includes administration of Provincial City and Municipal Emergency hospitals up to 1975.

2 - Data for 1965 to 1975 are for fiscal years ending June 30 while figures for 1976 to 1996 refer to calendar years.

Source: Commission on Audit.

**Table 15.6**  
**COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES FOR LOCAL**  
**GOVERNMENT UNIT, ALL FUNDS**  
**1987 to 1996**  
**(In million pesos)**

Income/expenditures	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>INCOME</b>										
Tax Revenue	6,777.4	8,052.7	9,653.8	13,004.7	16,484.1	23,086.2	38,165.9	51,400.5	58,937.2	65,046.5
Operating & miscellaneous revenues	1,460.3	1,634.4	2,444.2	3,039.0	3,310.4	3,054.0	4,010.2	5,167.4	5,575.4	6,787.7
Capital Revenue	8.6	14.3	653.5	219.1	243.0	312.4	30.6	17.1	64.9	309.6
Grants	632.9	3,603.9	2,457.1	2,692.5	3,396.3	543.8	645.4	605.2	735.5	352.1
Extraordinary income	30.4	20.2	24.0	9.7	17.3	16.2	15.8	34.5	34.3	208.5
Borrowings	13.4	33.4	48.0	97.4	448.4	420.9	1,342.5	2,605.6	2,492.7	3,404.9
<b>Total Income</b>	<b>8,923.0</b>	<b>13,358.9</b>	<b>15,280.6</b>	<b>19,062.4</b>	<b>23,899.5</b>	<b>27,433.5</b>	<b>44,210.4</b>	<b>59,830.3</b>	<b>67,840.0</b>	<b>76,109.3</b>
<b>EXPENDITURES</b>										
Personal Services	4,819.6	5,208.1	6,138.0	8,746.4	10,589.1	13,073.3	18,333.6	24,893.7	31,282.0	36,166.0
Maintenance and other operating expenses	3,654.6	4,721.3	5,390.7	6,115.6	7,777.6	7,993.3	13,238.4	18,558.4	22,227.1	24,691.7
Capital outlay	1,113.0	1,315.2	2,362.9	3,159.5	5,315.2	3,377.4	6,256.9	9,101.4	10,982.4	10,724.8
<b>Total Expenditures</b>	<b>9,587.2</b>	<b>11,244.6</b>	<b>13,891.6</b>	<b>18,021.5</b>	<b>23,681.9</b>	<b>24,444.0</b>	<b>37,828.9</b>	<b>52,553.5</b>	<b>64,491.5</b>	<b>71,582.5</b>

Source: Commission on Audit.

**Table 15.7**  
**INTERNAL DEBT OUTSTANDING CLASSIFIED BY LEVEL OF GOVERNMENT <sup>1</sup>**  
**1985 to 1997**  
**(In million pesos)**

End of Period	Total	National Government	Government Corporation	Monetary Institutions
1985	116,286.5	76,154.6	14,003.8	26,128.1
1986	144,351.6	108,246.5	12,411.1	23,694.0
1987	161,100.3	150,867.2	9,313.3	919.8
1988	207,178.9	195,131.3	8,081.9	3,965.7
1989	237,249.6	225,327.8	5,879.0	6,042.8
1990	253,833.5	243,314.5	6,490.7	4,028.3
1991	340,658.8	286,590.5	6,702.6	47,365.7
1992	521,219.7	445,568.0	6,988.9	68,662.8
1993	663,089.7	632,245.6	6,056.4	24,787.7
1994	624,619.8	613,673.2	6,372.3	4,574.3
1995	677,854.4	669,886.1	7,334.7	633.6
1996				
January	675,442.5	667,811.4	7,000.8	630.3
February	680,411.4	672,603.7	7,176.9	630.8
March	695,319.7	687,561.3	7,127.5	630.9
April	708,942.7	701,138.4	7,177.0	627.3
May	708,567.6	700,771.7	7,168.9	627.0
June	709,271.6	701,453.2	7,193.6	624.8
July	724,243.8	716,369.6	7,250.8	623.4
August	728,888.2	720,937.3	7,338.9	612.0
September	742,345.9	734,331.6	7,404.3	610.0
October	735,632.1	727,648.9	7,375.3	607.9
November	715,766.6	707,753.6	7,406.1	606.9
December	721,335.2	714,149.6	6,940.0	245.6
1997 <sup>p</sup>				
January	715,392.6	708,047.7	7,099.2	245.7
February	719,647.4	711,971.3	7,431.6	244.5
March	719,541.7	711,983.1	7,314.8	243.8
April	712,032.4	704,641.7	7,270.7	120.0
May	712,515.3	704,000.0	8,395.3	120.0
June	714,117.7	705,658.8	8,388.0	70.9
July	705,420.9	696,962.0	8,388.2	70.7
August	704,269.4	695,814.4	8,384.8	70.2
September	710,951.4	702,522.0	8,370.2	29.2
October	720,032.1	711,647.5	8,355.9	28.7
November	718,958.1	710,579.9	8,349.6	28.6
December	722,067.4	713,689.1	8,350.0	28.3

Note: Data from 1985 to 1989 includes outstanding debt of local government units.

1 - As compiled by the BSP, outstanding debt of the National Government consists of its security issuances and its outstanding borrowings in the form of loans excluding, however, assumed liabilities from the Philippine National Bank and the Development Bank of the Philippines, loans evidenced by promissory notes issued to different international financial institutions and loans availed of under the Consolidated Foreign Borrowings Program.

Debt of government corporations consists of securities issuance of government-owned and controlled corporations issued through BSP, security issuances of the Land Bank of the Philippines and the loans of the BSP to the Philippine Deposit Insurance Corporation. Debt of monetary institutions consists of security issuances of the BSP.

Source: Bangko Sentral ng Pilipinas.

**Table 15.8**  
**INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF MATURITY**  
**1985 to 1997**  
**(In million pesos)**

End of Period	Total	Long Term	Medium Term	Short Term
1985	116,286.5	26,278.2	20,427.4	69,580.9
1986	144,351.6	27,595.8	16,976.2	99,779.6
1987	161,100.3	24,252.2	22,997.2	113,850.9
1988	207,178.9	22,077.9	26,703.0	158,398.0
1989	237,249.6	20,910.3	29,906.7	186,432.6
1990	253,833.5	20,159.8	22,992.1	210,681.6
1991	340,658.6	22,474.4	56,020.6	262,163.6
1992	521,219.7	18,645.6	93,179.9	409,394.2
1993	663,089.7	67,902.0	141,328.6	453,859.1
1994	624,619.8	67,669.0	137,689.5	419,261.3
1995	677,854.4	96,766.4	100,230.4	480,857.6
1996				
January	675,442.5	99,969.8	107,477.9	467,994.8
February	680,411.4	109,407.0	101,437.6	469,566.8
March	695,319.7	127,155.0	102,277.7	465,887.0
April	708,942.7	118,443.1	113,153.8	477,345.8
May	708,567.6	120,192.9	109,311.4	479,063.3
June	709,271.6	120,155.1	110,190.6	478,925.9
July	724,243.8	122,735.9	111,891.5	489,616.4
August	728,888.2	122,603.6	116,637.6	489,647.0
September	742,345.9	126,961.5	117,812.9	497,571.5
October	735,632.1	129,682.3	120,826.8	485,123.0
November	715,766.6	134,193.3	116,818.3	464,755.0
December	721,335.2	138,153.9	143,134.8	440,046.5
1997 <sup>P</sup>				
January	715,392.6	143,398.3	143,992.7	428,001.6
February	719,647.4	143,584.0	151,466.3	424,597.1
March	719,541.7	146,944.6	155,753.1	416,844.0
April	712,032.4	149,249.2	158,020.2	404,763.0
May	712,515.3	155,092.2	160,179.3	397,243.8
June	714,117.7	150,907.9	165,733.7	397,476.1
July	705,420.9	151,007.9	162,784.0	391,629.0
August	704,269.4	151,007.9	162,801.6	390,459.9
September	710,951.4	151,007.9	160,591.6	399,351.9
October	720,032.1	155,809.0	161,333.5	402,889.6
November	718,958.1	159,730.5	160,066.6	399,161.0
December	722,067.4	163,003.9	158,364.5	400,699.0

Source: Bangko Sentral ng Pilipinas.

**Table 15.9**  
**OUTSTANDING GOVERNMENT DOMESTIC SECURITIES BY HOLDERS TYPE**  
**1983 to 1994**  
**(In million pesos)**

End of Period	Total <sup>1</sup>	Central Bank	Commercial Banks	Thrift Banks	Trust Funds	Semi-government entities	Private sector
1983	48,599.2	8,368.2	15,563.4	812.1	5,749.0	13,552.9	4,553.6
1984	69,590.3	11,336.6	20,198.2	668.9	6,522.5	11,892.8	18,971.3
1985	94,889.8	12,182.0	17,887.5	1,840.7	7,340.6	14,016.1	41,622.9
1986	123,711.0	11,070.1	24,252.1	1,864.4	7,809.7	15,062.4	63,652.3
1987	150,299.6	9,156.8	19,573.4	1,831.8	10,032.7	20,607.6	89,097.3
1988	197,296.4	7,313.1	32,045.4	3,046.0	11,532.0	25,894.7	117,465.2
1989	227,199.6	10,519.9	53,302.0	3,259.0	10,056.9	27,099.4	122,962.4
1990	245,039.7	8,271.2	56,178.9	2,582.3	7,826.0	58,338.3	111,843.0
1991	333,317.1	8,028.1	76,737.4	5,338.5	11,735.2	88,765.9	142,712.0
1992	508,277.9	47,526.4	86,232.6	7,475.3	28,006.3	132,286.7	206,750.6
1993							
January	541,079.9	47,635.1	98,179.0	5,826.2	27,453.1	140,546.3	221,440.2
February	545,907.8	46,361.7	94,863.0	5,989.4	33,498.6	141,019.6	224,175.5
March	556,141.4	46,891.6	97,813.8	7,258.3	32,456.2	140,869.8	230,851.7
April	546,583.5	45,125.7	95,413.1	6,862.1	32,397.8	138,586.0	228,198.8
May	541,346.2	43,300.5	92,527.3	6,917.2	32,428.1	137,859.8	228,313.3
June	537,624.9	41,126.6	96,734.7	7,417.4	32,298.4	129,215.4	230,832.4
July	501,337.9	39,546.0	86,594.6	5,678.3	32,296.7	126,418.0	210,804.3
August	504,289.1	38,571.9	86,374.8	5,666.8	31,492.9	127,236.2	214,946.5
September	502,167.9	34,749.3	74,325.2	4,751.2	31,326.6	138,686.2	218,329.4
October	466,594.3	32,996.4	79,504.1	4,291.4	32,058.2	124,904.8	192,839.4
November	461,177.3	28,957.7	87,316.3	4,691.0	31,988.5	109,916.0	198,307.8
December	653,073.2	243,980.9	80,612.7	4,344.6	31,671.8	87,147.5	205,315.7
1994 <sup>P</sup>							
January	657,468.7	213,436.5	96,298.6	4,697.2	28,483.2	90,368.8	224,184.4
February	669,700.9	212,087.6	93,302.7	3,943.3	32,999.8	98,426.1	228,941.4
March	662,611.4	216,009.5	86,100.8	4,232.0	33,368.6	100,600.8	222,299.7
April	675,206.4	213,312.7	93,983.4	4,466.0	33,758.3	99,295.5	230,390.5
May	669,780.8	212,018.2	96,509.9	3,830.0	34,009.0	98,349.0	225,064.7
June	678,237.5	214,898.6	97,065.1	4,017.6	34,096.9	102,424.6	225,734.7
July	676,534.4	201,187.9	101,498.2	3,734.9	33,951.9	103,559.9	232,601.6
August	680,177.3	196,095.4	115,791.4	3,705.4	34,214.6	103,190.6	227,179.9
September	669,714.7	209,097.1	121,677.0	3,650.7	34,439.0	97,372.6	203,478.3
October	651,119.1	191,750.9	119,441.8	3,757.5	34,548.2	98,780.6	202,840.1
November	623,772.4	178,773.8	128,311.7	3,725.2	34,709.1	98,826.8	179,425.8
December	614,964.0	193,077.1	125,160.3	3,767.5	35,404.3	98,240.2	159,314.6

1 - Revised to exclude dollar treasury bills and Central Bank certificate of indebtedness.

Source: Bangko Sentral ng Pilipinas.

**Table 15.10**  
**NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION**  
**1970 to 1997<sup>1</sup>**  
**(In thousands)**

Major Subdivision	1970	1975	1980	1985	1990	1995	1996	1997
Total	531	533	1,097	1,320	1,258	1,328	1,360	1,379
National Government <sup>2</sup>	437	411	840	990	903	854	894	914
Government Owned/ Controlled Corporations	0	41	112	132	128	120	112	97
Local Government					227	354	354	368
Provincial	22	22	36	53	a	a	a	a
Municipal	35	30	48	66	a	a	a	a
City	37	29	61	79	a	a	a	a

1 - By five-year interval until 1995 and annually thereafter.  
2 - National schools and state universities/colleges included.  
a - No breakdown available.

Source: Civil Service Commission.

**Table 15.11**  
**NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION,**  
**BY STATUS OF APPOINTMENT**  
**1994 to 1996**

Major Subdivision	Regular Positions				Casuals/Contractuals			
	1994	1995	1996	1997	1994	1995	1996	1997
Total	1,071,708	1,171,057	1,192,614	1,204,217	153,968	156,961	167,046	174,427
National Government	761,409	803,011	849,337	865,254	35,386	50,971	44,719	48,697
Government Owned/ Controlled Corporations	97,381	99,389	90,087	77,343	15,477	20,993	21,620	19,799
Local Government	212,918	268,657	253,190	261,620	103,105	84,997	100,707	105,931

Source: Civil Service Commission.

**Table 15.12**  
**NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION, BY SEX**  
**1994 to 1997**

Major Subdivision	Female				Male			
	1994	1995	1996	1997	1994	1995	1996	1997
Total	646,582	719,592	728,465	741,808	579,094	608,426	631,195	636,836
National Government	458,008	502,630	527,597	537,378	338,787	351,352	366,459	376,573
Government Owned/ Controlled Corporations	41,064	45,446	39,271	36,013	71,794	74,936	72,436	61,129
Local Government	147,510	171,516	161,597	168,417	168,513	182,138	192,300	199,134

Source: Civil Service Commission.

**Table 15.13**  
**COMPARATIVE STATISTICS PER ELECTIVE POSITION**  
**1992 and 1995**  
**(National and local elections)**

Elective Positions	1992		1995	
	Seats	Candidates	Seats	Candidates
Total	17,286	94,561	17,346	60,667
President	1	6	-	-
Vice-President	1	6	-	-
Senator	24	163	12	28
Representative	200	1,082	204	648
Governor	73	387	76	212
Vice-Governor	73	383	76	237
Board Member	648	3,284	674	2,042
Mayor	1,602	7,124	1,605	4,221
Vice-Mayor	1,602	7,840	1,605	4,767
Councilor	13,062	74,286	13,094	48,512

Source: Commission on Elections.

Table 15.14

**NUMBER OF PRECINCTS, REGISTERED VOTERS, VOTERS WHO ACTUALLY VOTED AND VOTERS' TURN-OUT  
1946 to 1998  
(National and local elections)**

Date	Electoral Exercise Type	Number of Precincts	Registered Voters			Voters who Actually Voted			Voters' Turn-Out
			Total	Male	Female	Total	Male	Female	
23-Apr-46	Presidential, Vice-Presidential, Senatorial & Congressional Elections	14,273	2,898,604	1,850,432	1,048,172	2,596,880	-	-	89.59
11-Nov-47	Local and Senatorial Elections	16,589	4,233,528	2,634,164	1,599,364	3,264,423	2,030,605	1,233,818	77.11
08-Nov-49	Presidential, Vice-Presidential, Senatorial & Congressional Elections	19,306	5,135,814	3,195,596	1,940,218	3,579,917	2,255,482	1,324,435	69.70
13-Nov-51	Local and Senatorial Elections	23,973	4,754,307	2,848,736	1,905,571	4,391,109	2,620,807	1,770,302	92.36
10-Nov-53	Presidential, Vice-Presidential, Senatorial & Congressional Elections	27,966	5,603,231	3,325,438	2,277,793	4,326,706	2,561,359	1,765,347	77.22
08-Nov-55	Local and Senatorial Elections	29,325	6,487,061	3,764,474	2,722,587	5,046,488	2,912,619	2,133,869	77.79
12-Nov-57	Presidential, Vice-Presidential, Senatorial & Congressional Elections	33,295	6,763,897	3,871,170	2,892,727	5,108,112	2,936,892	2,171,220	75.52
10-Nov-59	Local and Senatorial Elections	35,975	7,822,472	4,395,439	3,427,033	6,393,724	3,583,375	2,810,349	81.74
14-Nov-61	Presidential, Vice-Presidential, Senatorial and Congressional Elections	40,509	8,483,568	4,739,370	3,744,198	6,738,805	3,765,303	2,973,502	79.43
12-Nov-63	Local and Senatorial Elections	43,389	9,691,621	5,377,043	4,314,578	7,712,019	4,255,532	3,456,487	79.57
09-Nov-65	Presidential, Vice-Presidential, Senatorial and Congressional Elections	45,230	9,962,345	5,492,135	4,470,210	7,610,051	4,184,518	3,425,533	76.39
14-Nov-67	Local and Senatorial Elections and Plebiscite	44,988	9,744,604	5,267,219	4,477,385	7,957,019	4,281,572	3,675,447	81.66
11-Nov-69	Presidential, Vice-Presidential, Senatorial and Congressional Elections	59,975	10,300,898	5,581,590	4,719,308	8,202,793	4,413,193	3,789,600	79.63
10-Nov-70	Election of Con-Con Delegates	59,688	9,811,431	5,281,389	4,530,042	6,682,905	3,601,368	3,081,537	68.11
08-Nov-71	Local and Senatorial Elections	60,601	11,661,909	6,238,280	5,423,629	9,419,568	4,992,679	4,426,889	80.77
07-Apr-78	IBP Members Election	80,245	21,464,213	10,796,437	10,667,776	18,356,849	9,185,495	9,171,354	85.52
07-May-79	Sangguniang Pampook Members Election (Regions IX & XII)	7,749	1,966,822	1,073,684	893,138	1,476,637	815,660	660,977	75.08
30-Jan-80	Local Elections and Plebiscite	80,623	24,881,021	12,598,910	12,282,111	19,081,270	9,622,194	9,459,076	76.69
16-Jun-81	Presidential Elections and Referendum	81,192	26,986,451	13,642,462	13,343,989	21,843,829	10,986,619	10,857,210	80.94
17-May-82	Barangay Elections	83,284	29,087,988	14,737,954	14,350,034	19,298,368	9,706,365	9,592,003	66.34
07-Jun-82	Sangguniang Pampook Members Election (Regions IX & XII)	9,167	2,782,386	1,513,021	1,269,365	1,828,520	997,620	830,900	65.72
14-May-84	Batasang Pambansa Elections	84,673	24,822,438	12,559,954	12,262,484	22,205,284	11,148,809	11,056,475	89.46
07-Feb-86	Presidential and Vice-Presidential Special Elections	85,688	26,278,744	13,290,588	12,988,156	20,716,075	10,372,522	10,343,553	78.83
11-May-87	Congressional Elections	101,410	26,569,539	13,458,636	13,110,903	22,739,995	11,469,151	11,270,844	85.59
18-Jan-88	Local Elections	103,464	27,625,062	14,019,567	13,605,495	21,797,365	11,028,484	10,768,881	78.90
28-Mar-89	Barangay Elections	104,415	27,938,065	14,188,668	13,749,397	18,855,929	9,568,938	9,286,991	67.49
12-Feb-90	ARMM Elections	2,206	642,319	354,084	288,235	514,439	286,430	228,009	80.09
11-May-92	Synchronized Elections	169,935	32,141,079	16,197,666	15,943,413	24,254,954	12,142,090	12,112,864	75.46
04-Dec-92	Sangguniang Kabataan Elections	39,762	3,977,195	-	-	3,090,154	-	-	77.70
25-Mar-93	ARMM Elections	4,910	1,030,460	553,896	476,564	848,982	459,181	389,801	82.39
30-Aug-93	Special Elections for Members, House of Representatives	1,519	295,562	146,660	148,902	137,354	65,018	72,336	46.47
	- 2nd District, Agusan del Norte	211	121,038	60,618	60,420	68,716	33,619	35,097	56.77
	- 1st District, Capiz	275	174,524	86,042	88,482	68,638	31,399	37,239	39.33
07-Mar-94	Special Congressional Elections - 1st District, Rizal	1,841	349,584	172,146	177,438	130,292	63,952	66,340	37.27
09-May-94	Barangay Elections	-	35,004,502	17,614,212	17,390,290	22,668,696	11,433,816	11,234,880	64.76
08-May-95	National and Local Elections	169,863	36,415,144	18,292,150	18,122,994	25,736,505	12,860,637	12,875,868	70.68
06-May-96	Sangguniang Kabataan Elections <sup>1</sup>	43,063	4,289,178	-	-	3,340,926	-	-	77.89
21-Oct-96	Special Elections for the Position of Provincial Governors and Vice-Governors and the four (4) Board Members of the provincial board in Parang, Sulu	104	26,178	-	-	no data			
09-Sep-96	1996 ARMM Regional Elections <sup>1</sup>	2,668	805,071	-	-	615,372	-	-	76.44
11-May-98	National and Local Elections	174,420 <sup>a</sup>	34,163,465	-	-	-	-	-	-

1 - Partial reports.

a - Clustered precincts.

Source: Commission on Elections.



**Table 15.15**  
**NUMBER OF PROVINCES, CITIES**  
**MUNICIPALITIES AND BARANGAYS, BY REGION**  
**As of June 30, 1998**

Region	Number			
	Province	City	Municipality	Barangay
Philippines	78	82	1,525	41,939
1 Ilocos Region	4	5	122	3,265
Ilocos Norte		1	22	557
Ilocos Sur		-	34	768
La Union		1	20	576
Pangasinan		3	46	1,364
2 Cagayan Valley	5	1	92	2,311
Batanes		-	6	29
Cagayan		-	29	820
Isabela		1	36	1,055
Quirino		-	6	132
Nueva Vizcaya		-	15	275
3 Central Luzon	6	6	117	2,948
Bataan		-	12	237
Bulacan		-	24	568
Nueva Ecija		3	29	849
Pampanga		1	21	537
Tarlac		1	18	510
Zambales		1	13	247
4 Southern Tagalog	11	10	213	5,614
Aurora		-	8	151
Batangas		2	32	1,077
Cavite		3	20	828
Laguna		1	29	674
Marinduque		-	6	218
Occidental Mindoro		-	11	162
Oriental Mindoro		1	14	426
Palawan		1	23	430
Quezon		1	40	1,242
Rizal		1	13	187
Romblon		-	17	219
5 Bicol Region	6	3	112	3,471
Albay		1	17	720
Camarines Norte		-	12	282
Camarines Sur		2	35	1,063
Catanduanes		-	11	315
Masbate		-	21	550
Sorsogon		-	16	541
6 Western Visayas	6	13	124	4,048
Aklan		-	17	327
Antique		-	18	590
Capiz		1	16	473
Guimaras		-	5	96
Iloilo		2	43	1,901
Negros Occidental		10	25	661
7 Central Visayas	4	9	123	3,003
Bohol		1	47	1,109
Cebu		5	48	1,203
Negros Oriental		3	22	557
Siquijor		-	6	134

Table 15.15 (continued)

Region	Number			
	Province	City	Municipality	Barangay
8 Eastern Visayas	6	3	140	4,390
Biliran		-	8	132
Eastern Samar		-	23	597
Leyte		2	41	1,641
Northern Samar		-	24	569
Southern Leyte		-	19	500
Western Samar		1	25	951
9 Western Mindanao	3	4	74	2,113
Basilan		-	7	255
Zamboanga del Norte		2	25	691
Zamboanga del Sur		2	42	1,167
10 Northern Mindanao	4	6	64	1,514
Bukidnon		1	21	464
Camiguin		-	5	58
Misamis Occidental		3	14	490
Misamis Oriental		2	24	502
11 Southern Mindanao	7	4	75	2,005
Davao		2	8	458
Davao Oriental		-	11	183
Davao del Sur		1	15	517
South Cotabato		1	11	224
Sarangani		-	7	140
Sultan Kudarat		-	12	248
Compostela Valley		-	11	235
12 Central Mindanao	2	4	39	1,182
Cotabato City		1	-	37
Marawi City		1	-	96
Lanao del Norte		1	22	506
North Cotabato		1	17	543
13 Caraga	4	2	71	1,306
Agusan del Norte		1	11	249
Agusan del Sur		-	14	313
Surigao del Sur		-	19	309
Surigao del Norte		1	27	435
National Capital Region	-	11	6	1,694
Cordillera Administrative Region	6	1	76	1,172
Abra		-	27	303
Apayao		-	7	131
Benguet		1	13	269
Ifugao		-	11	175
Kalinga		-	8	150
Mountain Province		-	10	144
Autonomous Region for Muslim Mindanao	4	-	84	2,138
Lanao del Sur		-	38	1,059
Maguindanao		-	18	466
Sulu		-	18	410
Tawi-tawi		-	10	203

Source: NSCB Technical Working Group on Geographic Classification.

# 16 MONEY AND BANKING

The pivotal role played by financial institutions in providing scarce resources in developing countries like the Philippines cannot be overemphasized. Financial statistics relating to institutions, e.g., demand, savings and time deposits, outstanding loans and investments, are of primary importance in determining sound policies conducive to economic development and serve as bases for the monetary authorities and the banking and credit institutions to readily respond to monetary problems, needs and requirements of the economy. Financial institution data also give insights on the contribution of this sector to the government's task of nation building. The Bangko Sentral ng Pilipinas (BSP), Development Bank of the Philippines, Government Service Insurance System and the Social Security System are the primary sources of data for these tables.

The statistics presented in this chapter cover the following: money supply and its origin as well as factors affecting money supply; composition of money and quasi-money; total loans and investment outstanding by institution; credits granted and/or outstanding of deposit money and/or development banks; interest rates on savings and time deposits, total assets and liabilities by institution and demand, savings and time deposit liabilities of banks; and financial condition, revenues and expenditures of the social security agencies, and the balance of payments. The balance of payments is a systematic record of the economic transactions that have taken place during a period of time between a country's residents and the residents of the rest of the world. It keeps track of the inflow and outflow of foreign exchange into and out of the country. The major source of the data on balance of payments is the BSP.

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**Table 16.1**  
**MONEY SUPPLY AND ITS ORIGIN**  
**1970 to 1997**  
**(In million pesos)**

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,696.6	(625.1)	13,421.6	5,480.2	2,619.7
1971	5,179.1	(480.1)	14,574.8	6,320.8	2,594.8
1972	6,469.5	(778.3)	16,289.4	6,446.2	2,595.4
1973	7,267.2	3,093.1	18,342.2	12,726.6	1,441.5
1974	9,007.8	3,877.4	26,500.6	17,015.6	4,354.6
1975	10,314.8	(186.3)	35,258.1	20,430.9	4,326.1
1976	12,074.9	(1,440.6)	43,677.7	25,834.6	4,327.6
1977	14,938.5	(84.8)	51,464.3	31,215.1	5,225.9
1978	16,945.5	(596.0)	63,075.1	37,728.9	7,804.7
1979	18,843.6	(11,109.2)	79,771.3	41,659.9	8,158.6
1980	22,537.5	(17,303.2)	96,208.6	48,392.1	7,975.8
1981	23,524.3	(22,835.1)	117,924.4	61,691.7	9,873.3
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,571.0	(102,570.0)	201,959.0	84,538.0	(17,720.0)
1984	33,737.0	(138,183.0)	209,179.0	92,004.0	(54,745.0)
1985	35,893.0	(155,884.0)	198,090.0	100,665.0	(94,352.0)
1986	42,694.0	(144,947.0)	170,999.0	104,612.0	(121,254.0)
1987	52,416.0	(137,752.0)	155,444.0	112,619.0	(147,343.0)
1988	59,718.0	(122,833.0)	166,462.0	141,585.0	(157,674.0)
1989	78,530.0	(114,525.0)	203,818.0	179,441.0	(168,678.0)
1990	89,012.0	(157,624.0)	267,510.0	222,858.0	(201,984.0)
1991	101,374.0	(92,805.0)	269,049.0	250,031.0	(175,161.0)
1992	112,092.0	(18,201.0)	277,299.0	277,167.0	(130,161.0)
1993	133,877.0	(31,537.0)	682,064.0	350,700.0	165,950.0
1994	151,952.0	(35,169.0)	821,551.0	459,086.0	175,344.0
1995	184,931.0	(88,425.0)	1,084,011.0	580,048.0	230,607.0
1996	221,957.0	(247,655.0)	1,507,732.0	662,435.0	376,015.0
1997					
January	209,968.0	(257,704.0)	1,477,441.0	663,508.0	346,261.0
February	208,940.0	(251,540.0)	1,475,963.0	677,572.0	337,911.0
March	216,256.0	(260,984.0)	1,499,720.0	688,148.0	334,332.0
April	223,200.0	(303,768.0)	1,537,775.0	681,708.0	329,099.0
May	226,632.0	(332,959.0)	1,578,947.0	688,650.0	330,706.0
June	224,333.0	(359,479.0)	1,618,056.0	701,655.0	332,589.0
July	226,661.0	(375,593.0)	1,700,832.0	742,955.0	355,623.0
August	219,707.0	(408,253.0)	1,712,351.0	742,746.0	341,645.0
September	222,692.0	(419,105.0)	1,777,440.0	767,811.0	367,832.0
October	228,158.0	(435,231.0)	1,815,201.0	773,623.0	378,189.0
November	236,436.0	(416,952.0)	1,825,945.0	789,579.0	382,978.0
December <sup>P</sup>	258,318.0	(482,479.0)	1,932,053.0	810,975.0	380,281.0

Source: Bangko Sentral ng Pilipinas.

**Table 16.2**  
**FACTORS AFFECTING MONEY SUPPLY**  
**1970 to 1997**  
**(In million pesos)**

End of Period	Money Supply	Internal sector			External Sector
		Total	Public Sector	Private Sector	
1970	4,696.6	5,321.7	3,414.9	1,906.8	(625.1)
1971	5,179.1	5,659.2	3,212.5	2,446.7	(480.1)
1972	6,469.5	7,247.8	2,684.7	4,563.1	(778.3)
1973	7,267.2	4,174.1	1,811.1	2,363.0	3,093.1
1974	9,007.8	5,130.4	8.7	5,121.7	3,877.4
1975	10,314.8	10,501.1	4,492.1	6,009.0	(186.3)
1976	12,074.9	13,515.5	8,063.3	5,452.2	(1,440.6)
1977	14,938.5	15,023.3	11,381.9	3,641.4	(84.8)
1978	16,945.5	17,541.5	11,801.8	5,739.7	(596.0)
1979	18,843.6	29,952.8	12,024.5	17,928.3	(11,109.2)
1980	22,537.5	39,840.6	13,972.8	25,867.9	(17,303.2)
1981 <sup>r</sup>	23,524.3	46,358.8	19,497.3	26,861.5	(22,834.5)
1982	23,495.4	65,096.6	35,304.2	29,792.4	(41,601.2)
1983	32,571.0	135,141.0	88,826.0	46,315.0	(102,570.0)
1984	33,737.0	171,920.0	138,750.0	33,170.0	(138,183.0)
1985	35,893.0	191,777.0	152,930.0	38,847.0	(155,884.0)
1986	42,694.0	187,641.0	203,491.0	(15,850.0)	(144,947.0)
1987	52,416.0	190,168.0	212,098.0	(21,930.0)	(137,752.0)
1988	59,718.0	182,551.0	220,741.0	(38,190.0)	(122,833.0)
1989	78,530.0	193,055.0	240,543.0	(47,488.0)	(114,525.0)
1990	89,012.0	247,505.0	307,167.0	(59,662.0)	(158,493.0)
1991	101,374.0	194,179.0	268,860.0	(74,681.0)	(92,805.0)
1992	112,092.0	130,293.0	182,191.0	(51,898.0)	(18,201.0)
1993	133,877.0	165,414.0	181,182.0	(15,768.0)	(31,537.0)
1994	151,952.0	187,121.0	226,245.0	(39,124.0)	(35,169.0)
1995	187,931.0	276,356.0	240,191.0	36,165.0	(88,425.0)
1996 <sup>r</sup>	221,957.0	469,282.0	189,517.0	279,765.0	(247,325.0)
1997					
January	209,968.0	467,672.0	194,658.0	273,014.0	(257,704.0)
February	208,940.0	460,480.0	188,639.0	271,841.0	(251,540.0)
March	216,256.0	477,240.0	197,522.0	279,718.0	(260,984.0)
April	223,200.0	526,968.0	191,609.0	335,359.0	(303,768.0)
May	226,632.0	559,591.0	207,798.0	351,793.0	(332,959.0)
June	224,333.0	583,812.0	214,456.0	369,356.0	(359,479.0)
July	226,661.0	602,254.0	245,920.0	356,334.0	(375,593.0)
August	219,707.0	627,960.0	266,505.0	361,455.0	(408,253.0)
September	222,692.0	641,797.0	241,926.0	399,871.0	(419,105.0)
October	228,157.0	663,388.0	262,507.0	400,881.0	(435,231.0)
November	236,436.0	653,388.0	294,933.0	358,455.0	(416,952.0)
December <sup>P</sup>	258,318.0	740,797.0	326,650.0	414,147.0	(482,479.0)

Source: Bangko Sentral ng Pilipinas.

**Table 16.3**  
**DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS**  
**1970 to 1997**  
**(In million pesos)**

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposit substitutes
		Total	Currency in circulation	Peso deposits subject to check	Total	Savings deposits	Time deposits	
1970	9,387.9	4,696.6	2,410.0	2,286.6	4,691.3	3,745.7	945.6	-
1971	10,493.6	5,179.1	2,650.0	2,529.1	5,314.5	4,268.0	1,046.5	-
1972	11,871.1	6,469.5	3,434.6	3,034.9	5,401.6	4,347.4	1,054.2	-
1973	18,063.0	7,267.2	3,452.4	3,814.8	6,754.4	5,757.9	996.5	4,041.4
1974	24,242.1	9,007.8	4,311.1	4,696.7	7,764.5	6,674.3	1,090.2	7,469.8
1975	28,885.8	10,314.8	4,748.8	5,566.0	8,939.3	7,295.0	1,644.3	9,631.7
1976	35,897.4	12,074.9	5,651.8	6,423.1	12,949.8	9,207.1	3,742.7	10,872.7
1977	43,931.1	14,938.5	6,727.6	8,210.9	17,593.1	11,536.1	6,057.0	11,399.5
1978	51,537.2	16,945.5	8,135.0	8,810.5	23,097.8	15,010.7	8,087.1	11,493.9
1979	57,360.0	18,843.6	9,181.7	9,661.9	26,565.5	16,900.2	9,665.3	11,950.9
1980	67,803.2	22,537.5	10,174.6	12,362.9	32,894.3	19,529.9	13,364.4	12,371.4
1981	82,091.3	23,524.3	11,625.8	11,898.5	42,114.8	24,198.3	17,916.5	16,452.2
1982	95,268.8	23,495.4	12,680.2	10,815.2	55,207.8	28,919.3	26,288.5	16,565.6
1983	114,211.0	32,571.0	19,587.0	12,984.0	64,534.0	34,457.0	30,077.0	17,106.0
1984	122,432.0	33,737.0	21,764.0	11,973.0	77,419.0	38,530.0	38,889.0	11,276.0
1985	134,140.0	35,893.0	24,029.0	11,864.0	89,638.0	47,107.0	42,531.0	8,609.0
1986	144,325.0	42,694.0	29,264.0	13,430.0	96,780.0	62,620.0	34,160.0	4,851.0
1987	161,824.0	52,416.0	35,372.0	17,044.0	105,855.0	72,105.0	33,750.0	3,553.0
1988	198,409.0	59,718.0	40,638.0	19,080.0	136,203.0	92,253.0	43,950.0	2,488.0
1989	253,921.0	78,530.0	52,823.0	25,707.0	172,561.0	118,377.0	54,184.0	2,830.0
1990	300,541.0	89,012.0	61,921.0	27,091.0	208,295.0	159,193.0	49,102.0	3,234.0
1991	347,079.0	101,374.0	69,394.0	31,980.0	242,683.0	186,909.0	55,774.0	3,022.0
1992	385,385.0	112,092.0	74,298.0	37,794.0	269,781.0	217,725.0	52,056.0	3,512.0
1993	480,329.0	133,877.0	84,083.0	49,794.0	341,839.0	290,932.0	50,907.0	4,613.0
1994	607,614.0	151,952.0	95,675.0	56,277.0	451,052.0	410,699.0	40,353.0	4,610.0
1995	761,430.0	184,931.0	110,892.0	74,039.0	570,260.0	527,977.0	42,283.0	6,239.0
1996	881,404.0	221,957.0	122,954.0	99,003.0	652,806.0	609,239.0	43,567.0	6,641.0
1997								
January	870,772.0	209,968.0	105,083.0	104,885.0	653,504.0	607,735.0	45,769.0	7,300.0
February	883,966.0	208,940.0	105,061.0	103,879.0	667,796.0	623,081.0	44,715.0	7,230.0
March	901,790.0	216,256.0	106,779.0	109,477.0	678,329.0	632,670.0	45,659.0	7,205.0
April	902,531.0	223,200.0	111,343.0	111,857.0	672,264.0	628,738.0	43,526.0	7,067.0
May	912,877.0	226,632.0	115,019.0	111,613.0	679,355.0	636,012.0	43,343.0	6,890.0
June	923,444.0	224,333.0	107,217.0	117,116.0	692,317.0	649,623.0	42,694.0	6,794.0
July	967,149.0	226,661.0	105,148.0	121,513.0	733,887.0	692,765.0	41,122.0	6,601.0
August	959,883.0	219,707.0	107,974.0	111,733.0	733,109.0	691,316.0	41,793.0	7,067.0
September	987,684.0	222,692.0	110,252.0	112,440.0	755,641.0	713,383.0	42,258.0	9,351.0
October	998,817.0	228,158.0	115,024.0	113,134.0	760,602.0	717,094.0	43,508.0	10,057.0
November	1,022,884.0	236,436.0	120,092.0	116,344.0	775,707.0	732,234.0	43,473.0	10,741.0
December <sup>P</sup>	1,066,017.0	258,318.0	143,643.0	114,675.0	795,631.0	751,270.0	44,361.0	12,068.0

Source: Bangko Sentral ng Pilipinas and Bureau of the Treasury.



**Table 16.4**  
**GROSS DOMESTIC CREDITS OF DEPOSIT MONEY BANKS**  
**1971 to 1997**  
**(In million pesos)**

End of Period	Grand Total	Domestic securities				Loans and advances				Credits to Central Bank	Claims on CB-BOL
		Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals		
1971	12,555.9	1,564.7	974.2	306.7	283.8	10,697.9	-	819.2	9,878.7	293.3	-
1972	14,592.2	1,340.3	828.9	311.0	200.4	12,804.9	-	858.1	11,946.8	447.0	-
1973	20,547.7	2,175.8	1,530.7	367.4	277.7	16,572.0	-	480.5	16,091.5	1,799.9	-
1974	30,385.7	2,225.9	1,379.9	431.4	414.6	25,911.5	-	1,090.6	24,820.9	2,248.3	-
1975	37,517.9	2,438.8	1,251.8	740.0	447.0	31,568.5	-	3,501.2	28,067.3	3,510.6	-
1976	44,160.9	3,045.9	1,650.9	1,265.7	129.3	37,170.2	33.1	4,633.3	32,503.8	3,944.8	-
1977	52,674.4	4,220.0	2,542.3	1,341.1	336.6	43,058.3	727.7	4,707.7	37,622.9	5,396.1	-
1978	65,427.2	4,449.3	2,398.4	1,923.0	127.9	54,069.3	1,533.5	4,504.7	48,031.1	6,908.6	-
1979	81,996.0	5,145.5	2,896.1	2,021.3	228.1	69,740.7	1,557.2	5,354.0	62,829.5	7,109.8	-
1980	95,526.7	6,840.5	3,735.9	2,686.5	418.1	82,516.4	1,242.5	5,995.8	75,278.1	6,169.8	-
1981	112,898.0	9,379.0	5,439.1	1,282.0	2,657.9	97,571.0	715.0	5,698.0	91,158.0	5,948.0	-
1982	130,309.5	14,230.4	8,903.7	2,013.8	3,312.9	111,774.6	824.1	7,304.3	103,646.2	4,304.5	-
1983	171,482.0	18,115.0	11,191.0	2,814.0	4,110.0	149,901.0	2,346.0	13,494.0	134,061.0	3,466.0	-
1984	174,678.0	24,478.0	13,732.0	2,512.0	8,234.0	144,735.0	2,318.0	18,287.0	124,130.0	5,465.0	-
1985	161,351.0	21,431.0	11,976.0	2,353.0	7,102.0	132,263.0	2,618.0	18,651.0	110,994.0	7,657.0	-
1986	135,871.0	28,839.0	20,162.0	1,753.0	6,924.0	101,780.0	1,021.0	15,870.0	84,889.0	5,252.0	-
1987	150,795.0	30,470.0	22,495.0	938.0	7,037.0	119,942.0	1,468.0	12,912.0	105,562.0	383.0	-
1988	185,096.0	42,665.0	34,873.0	1,388.0	6,404.0	141,812.0	3,546.0	12,199.0	126,067.0	619.0	-
1989	234,018.0	58,948.0	50,638.0	1,036.0	7,274.0	173,997.0	3,927.0	14,244.0	155,826.0	1,073.0	-
1990	291,949.0	64,920.0	54,556.0	1,340.0	9,024.0	226,211.0	4,760.0	18,469.0	202,982.0	818.0	-
1991	330,555.0	67,935.0	55,300.0	1,557.0	11,078.0	242,973.0	5,660.0	18,845.0	218,468.0	19,647.0	-
1992	396,428.0	96,110.0	79,557.0	2,574.0	13,979.0	296,557.0	4,778.0	19,290.0	272,489.0	3,761.0	-
1993	525,204.0	98,462.0	75,095.0	2,660.0	20,707.0	404,954.0	4,312.0	20,982.0	379,660.0	2,308.0	19,480.0
1994	684,526.0	149,161.0	120,683.0	3,183.0	25,295.0	509,610.0	2,058.0	16,257.0	491,295.0	941.0	24,814.0
1995	939,244.0	185,236.0	148,316.0	3,296.0	33,624.0	726,212.0	1,173.0	16,252.0	708,787.0	80.0	27,716.0
1996	1,384,976.0	250,608.0	206,368.0	3,264.0	40,976.0	1,105,055.0	1,927.0	20,051.0	1,083,077.0	78.0	29,235.0
1997											
January	1,370,257.0	246,796.0	200,186.0	2,522.0	44,088.0	1,093,105.0	1,601.0	20,368.0	1,071,136.0	78.0	30,278.0
February	1,400,576.0	260,552.0	213,385.0	2,611.0	44,556.0	1,112,815.0	1,558.0	19,733.0	1,091,524.0	78.0	27,131.0
March	1,444,559.0	267,919.0	218,793.0	2,257.0	46,869.0	1,143,333.0	1,429.0	21,510.0	1,120,394.0	78.0	33,229.0
April	1,473,876.0	259,267.0	207,684.0	2,588.0	48,995.0	1,177,429.0	1,406.0	22,043.0	1,153,980.0	78.0	37,102.0
May	1,483,684.0	250,088.0	198,193.0	2,337.0	49,558.0	1,197,112.0	1,387.0	22,862.0	1,172,863.0	78.0	36,406.0
June	1,519,425.0	258,899.0	204,566.0	2,483.0	51,850.0	1,225,471.0	1,459.0	22,319.0	1,201,693.0	78.0	34,977.0
July	1,566,470.0	263,663.0	206,681.0	2,893.0	54,089.0	1,264,415.0	1,716.0	25,710.0	1,236,989.0	78.0	38,314.0
August	1,621,357.0	304,899.0	249,439.0	2,644.0	52,816.0	1,275,379.0	1,417.0	23,116.0	1,250,846.0	77.0	41,002.0
September	1,702,650.0	312,330.0	256,560.0	2,378.0	53,392.0	1,344,611.0	2,028.0	30,273.0	1,312,310.0	78.0	45,631.0
October	1,724,831.0	316,239.0	260,026.0	2,684.0	53,529.0	1,360,490.0	2,773.0	30,395.0	1,327,322.0	78.0	48,024.0
November	1,710,174.0	321,831.0	264,970.0	2,499.0	54,362.0	1,346,784.0	3,249.0	30,804.0	1,312,731.0	81.0	41,478.0
December	1,785,741.0	311,860.0	249,428.0	3,236.0	59,196.0	1,422,879.0	3,962.0	31,436.0	1,387,481.0	82.0	50,920.0

Source: Bangko Sentral ng Pilipinas.

**Table 16.5**  
**TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION**  
**1975 to 1997**  
**(In million pesos)**

Period	Total	Commercial banks	Rural banks	Private Development banks <sup>1</sup>	Savings banks
1975	51,415.8	40,386.2	2,416.4	7,432.4	1,180.8
1976	62,012.0	47,024.7	2,666.0	10,578.9	1,742.4
1977	75,042.7	56,539.7	2,897.8	13,235.0	2,370.2
1978	92,151.2	70,190.2	3,519.9	15,144.7	3,296.4
1979	114,280.3	86,991.6	4,286.9	18,772.4	4,229.4
1980	140,965.0	106,794.3	4,820.7	23,889.1	5,460.9
1981	170,189.0	124,726.2	5,658.8	34,512.4	5,291.6
1982	195,328.7	142,397.2	6,923.1	41,413.5	4,594.9
1983	248,070.1	182,600.8	7,974.0	51,802.1	5,693.2
1984	252,129.8	184,745.5	7,384.0	54,487.3	5,513.0
1985	226,108.8	172,196.0	7,072.5	42,043.8	4,796.5
1986	171,029.8	145,151.1	7,266.4	12,688.5	5,923.8
1987	195,983.2	165,322.3	7,693.7	14,831.4	8,135.8
1988	235,051.2	199,771.0	8,428.4	15,966.8	10,885.0
1989	289,053.5	246,828.0	9,352.0	16,840.9	16,032.6
1990	364,251.6	314,778.0	10,309.1	23,144.3	16,020.2
1991	431,859.0	366,320.0	11,537.0	31,383.7	22,618.3
1992	515,152.9	428,811.0	13,567.6	45,931.3	26,843.0
1993	678,033.4	568,367.0	16,378.2	60,128.7	33,159.5
1994	883,540.3	734,236.0	20,272.4	73,036.6	55,995.3
1995	1,177,051.1	987,887.0	26,474.0	91,428.6	71,261.5
1996	1,603,916.1	1,437,611.0	35,240.8	50,392.7	80,671.6
1997					
January	1,591,680.9	1,412,376.0	36,009.6	54,536.2	88,759.1
February	1,629,762.2	1,447,493.0	36,009.6	56,145.8	90,113.8
March	1,680,959.3	1,496,413.0	36,009.6	54,599.5	93,937.2
April	1,712,555.9	1,524,799.0	38,765.4	57,078.5	91,913.0
May	1,722,056.7	1,531,243.0	38,765.4	58,013.2	94,035.1
June	1,783,131.5	1,588,171.0	38,765.4	58,717.4	97,477.7
July	1,836,495.6	1,635,019.0	40,900.8	65,226.5	95,349.3
August	1,901,591.8	1,695,507.0	40,900.8	67,555.6	97,628.4
September	1,991,009.8	1,790,385.0	40,900.8	66,989.5	92,734.5
October	2,001,733.0 <sup>P</sup>	1,811,529.0	40,900.8 <sup>a</sup>	61,621.7	87,681.5
November	1,987,348.8 <sup>P</sup>	1,799,722.0	40,900.8 <sup>a</sup>	62,159.6	84,566.4
December	2,090,858.7 <sup>P</sup>	1,906,092.0	40,900.8 <sup>a</sup>	60,644.7	83,221.2

1 - Including specialized government banks (SGBs); starting February 1996, specialized government bank consist of Al-Amanah Islamic Investment Bank of the Philippines (AAIIBP) only; and starting 1997, the remaining specialized government bank, AAIIBP, is consolidated with commercial banks.

a - As of September 1997.

Source: Bangko Sentral ng Pilipinas.

**Table 16.6**  
**TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION**  
**1975 to 1997**  
**(In million pesos)**

Period	Total	Commercial banks	Rural banks	Private Development banks <sup>1</sup>	Savings banks
1975	12,439.0	10,552.4	68.6	1,536.9	281.1
1976	11,040.3	8,392.0	75.7	2,154.2	418.4
1977	14,268.4	11,029.2	76.8	2,747.1	415.3
1978	16,772.3	12,505.2	97.1	3,512.9	657.1
1979	19,066.3	13,592.2	114.8	4,694.4	664.9
1980	21,634.3	14,346.9	130.0	6,169.9	987.5
1981	27,513.5	17,439.1	170.8	9,084.3	819.3
1982	35,528.4	23,566.1	253.1	10,832.9	876.3
1983	35,899.0	22,564.0	326.0	12,081.6	927.4
1984	45,451.9	32,278.0	361.5	12,327.3	485.1
1985	43,643.3	31,424.0	436.2	10,616.9	1,166.2
1986	39,442.8	34,571.0	475.9	2,972.9	1,423.0
1987	39,536.5	32,141.0	466.7	5,694.3	1,234.5
1988	53,154.5	44,612.0	458.2	5,903.9	2,180.4
1989	68,687.2	61,413.0	493.0	4,228.6	2,552.6
1990	79,913.4	71,738.0	573.4	6,547.3	1,054.7
1991	113,717.4	100,862.0	793.1	7,907.5	4,154.8
1992	133,591.6	114,607.0	896.5	11,411.7	6,676.4
1993	136,842.2	120,066.0	834.4	9,763.1	6,178.7
1994	194,632.4	167,666.0	1,136.8	11,693.7	14,135.9
1995	239,894.0	202,174.0	1,541.4	20,529.3	15,649.3
1996	287,130.2	264,206.0	1,837.6	6,537.4	14,549.2
1997					
January	289,290.4	261,238.0	1,690.1	6,846.4	19,515.9
February	305,596.5	275,436.0	1,690.1	7,811.6	20,658.8
March	314,971.1	283,176.0	1,690.1	7,754.7	22,350.3
April	302,142.6	274,194.0	1,870.2	8,107.2	17,971.2
May	292,126.3	264,430.0	1,870.2	7,517.7	18,308.4
June	301,852.8	275,329.0	1,870.2	7,392.0	17,261.6
July	305,357.4	279,347.0	1,549.9	7,935.1	16,525.4
August	359,539.9	326,489.0	1,549.9	10,981.0	20,520.0
September	359,187.7	332,764.0	1,549.9	9,396.9	15,476.9
October	360,385.7 <sup>P</sup>	338,139.0	1,549.9 <sup>a</sup>	7,867.5	12,829.3
November	360,809.8 <sup>P</sup>	341,525.0	1,549.9 <sup>a</sup>	8,222.1	-9,512.8
December	353,574.4 <sup>P</sup>	334,755.0	1,549.9 <sup>a</sup>	6,965.9	10,303.6

1 - Including specialized government banks (SGBs); starting February 1996, specialized government bank consist of Al-Amanah Islamic Investment Bank of the Philippines (AAIIBP) only; and starting 1997, the remaining specialized government bank, AAIIBP, is consolidated with commercial banks.

a - As of September 1997.

Source: Bangko Sentral ng Pilipinas.

**Table 16.7**  
**TOTAL DEPOSIT LIABILITIES OF BANKS**  
**1975 to 1997**  
**(In million pesos)**

End of Period	Grand Total	Commercial banks				Savings	
		Total	Demand	Savings	Time	Total	Demand
1975	27,571.0	21,556.0	6,667.2	9,532.5	5,356.3	1,183.9	0.0
1976	34,081.7	27,017.5	7,530.8	11,630.3	7,856.4	1,760.6	0.0
1977	42,834.3	34,846.6	9,073.9	13,887.9	11,884.8	2,458.3	0.2
1978	54,951.5	44,752.0	9,653.6	18,017.3	17,081.1	3,478.9	0.2
1979	70,180.4	57,437.3	11,472.7	21,778.9	24,185.7	4,830.6	32.4
1980	90,364.4	74,770.5	12,894.9	24,248.7	37,626.9	5,985.5	162.3
1981	99,064.7	81,654.0	14,450.4	28,390.1	38,813.5	4,565.2	112.8
1982	116,669.4	95,284.7	12,081.2	34,501.2	48,702.3	5,101.0	89.3
1983	140,056.1	119,033.0	19,597.0	42,268.0	57,168.0	5,957.8	124.3
1984	152,241.3	137,216.0	15,747.0	48,452.0	73,017.0	3,138.9	67.2
1985	167,480.6	148,673.0	14,935.0	58,437.0	75,301.0	5,734.8	98.3
1986	165,927.2	146,027.0	23,217.0	74,204.0	48,606.0	7,021.9	166.8
1987	179,386.4	156,908.0	23,013.0	84,439.0	49,456.0	9,170.7	218.2
1988	226,808.1	198,748.0	23,555.0	110,039.0	65,154.0	12,196.1	266.4
1989	286,652.2	252,391.0	29,525.0	136,714.0	86,152.0	16,542.7	397.5
1990	350,613.5	310,743.0	32,607.0	181,070.0	97,066.0	17,264.4	398.2
1991	418,767.5	365,611.0	39,101.0	213,198.0	113,312.0	23,300.3	616.0
1992	493,957.5	426,582.0	43,457.0	265,973.0	117,152.0	27,971.5	964.5
1993	638,896.5	556,799.0	55,548.0	359,396.0	141,855.0	33,303.3	1,014.3
1994	786,112.5	693,081.0	63,608.0	468,811.0	160,662.0	42,223.7	808.3
1995	999,967.7	873,830.0	80,989.0	583,598.0	209,243.0	56,774.0	1,420.7
1996	1,261,547.7	1,119,560.0	105,440.0	687,356.0	326,764.0	62,845.2	1,898.3
1997							
January	1,294,703.5	1,129,184.0	109,888.0	690,464.0	328,832.0	67,939.2	1,765.3
February	1,315,544.3	1,148,858.0	111,304.0	701,751.0	335,803.0	67,906.2	1,872.6
March	1,341,784.8	1,175,462.0	113,132.0	710,569.0	351,761.0	69,681.7	1,851.3
April	1,341,050.1	1,175,054.0	115,633.0	706,444.0	352,977.0	65,731.8	2,049.4
May	1,364,119.7	1,189,368.0	115,772.0	714,188.0	359,408.0	73,424.3	2,232.7
June	1,411,018.0	1,232,086.0	122,781.0	728,178.0	381,127.0	75,882.8	2,199.7
July	1,478,025.6	1,298,362.0	121,711.0	784,745.0	391,906.0	73,053.1	2,264.2
August	1,490,426.7	1,309,088.0	117,278.0	790,441.0	401,369.0	73,799.5	2,413.1
September	1,556,019.6	1,378,348.0	118,582.0	828,328.0	431,438.0	70,476.4	2,248.1
October	1,548,582.8 <sup>P</sup>	1,377,022.0	120,910.0	821,521.0	434,591.0	68,142.2	2,251.7
November	1,526,300.2 <sup>P</sup>	1,358,436.0	119,422.0	834,334.0	404,680.0	63,355.3	2,234.1
December	1,629,262.3 <sup>P</sup>	1,457,911.0	122,958.0	874,136.0	460,817.0	66,600.3	2,560.2

Notes: Data on the number of deposit accounts of commercial banks and specialized government banks will be on a semestral basis starting 1995 per Circular No. 29.

Grand total from January to May and July to November 1997 does not include commercial banks.

1 - Data on SSLAs were reported on a quarterly basis starting on the fourth quarter of 1996.

2 - Starting February 1996, specialized government banks consist of Al-Amanah Islamic Investment Bank of the Philippines only.

a - Consolidated with commercial banks.

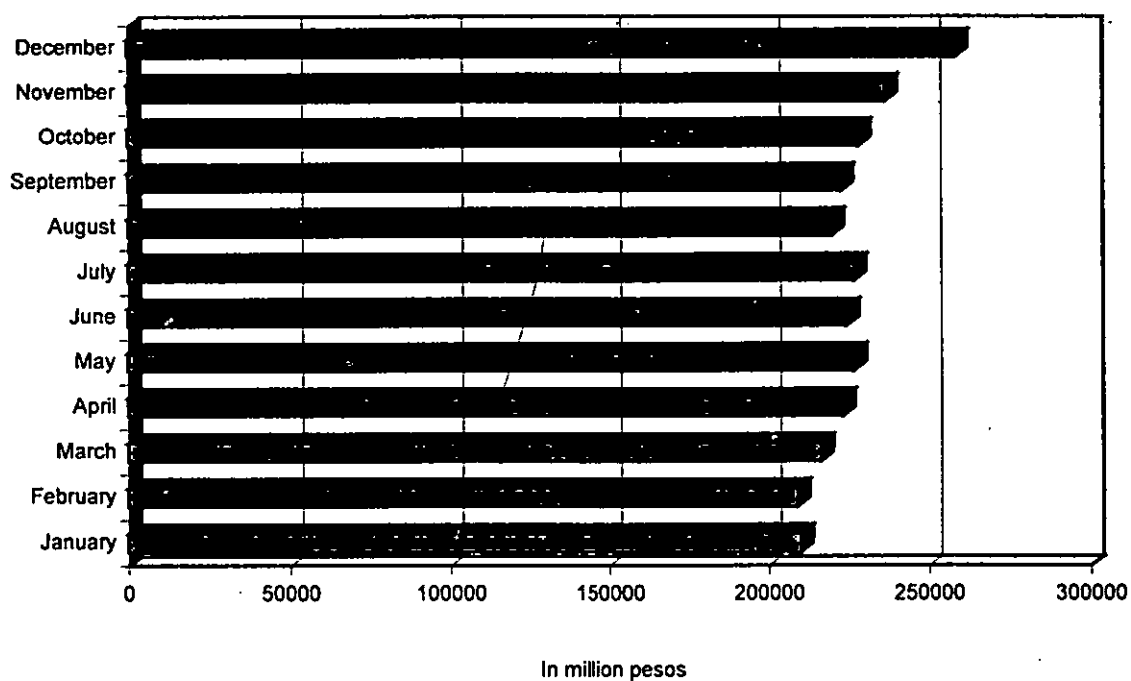
b - As of September 1997.

Source: Bangko Sentral ng Pilipinas.

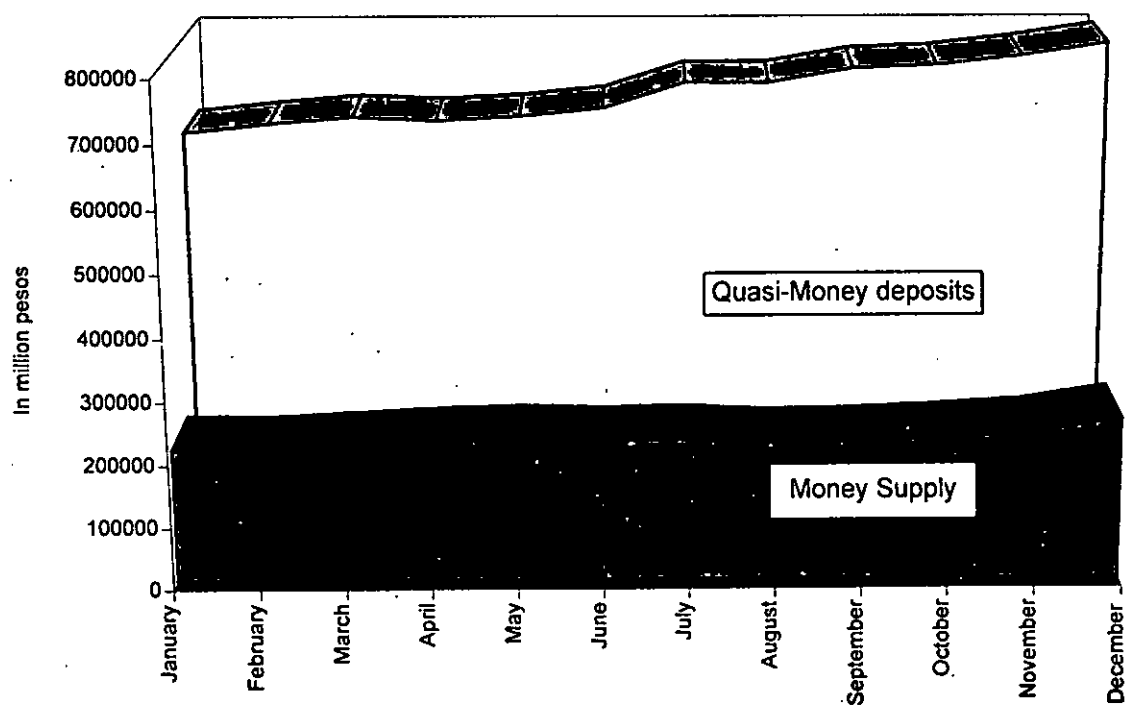
Table 16.7 - (continued)

Banks		Private Development Banks				Stock Savings and Loan Associations <sup>1</sup>			
Savings	Time	Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,020.0	163.9	196.1	0.0	149.0	47.1	213.0	0.0	154.8	58.2
1,371.3	389.3	258.4	0.0	173.9	84.5	357.2	0.0	239.3	117.9
1,800.2	657.9	332.9	0.0	207.3	125.6	483.0	0.0	317.1	165.9
2,366.5	1,112.2	424.1	0.0	259.1	165.0	677.6	0.0	444.4	233.2
3,131.7	1,666.5	576.5	0.7	344.0	231.8	874.1	0.0	567.2	306.9
3,738.3	2,084.9	779.4	1.9	429.9	347.6	1,097.4	0.0	698.0	399.4
2,577.8	1,874.6	1,191.5	11.2	660.2	520.1	1,477.8	0.0	875.1	602.7
2,791.6	2,220.1	2,025.5	105.4	922.8	997.3	2,195.1	5.6	1,112.6	1,076.9
3,168.6	2,664.9	2,464.7	85.6	1,059.6	1,319.5	2,768.6	20.5	1,228.9	1,519.2
1,771.2	1,300.5	2,185.3	134.0	939.5	1,111.8	1,739.6	13.0	994.8	731.8
3,137.3	2,499.2	2,765.4	130.1	1,249.8	1,385.5	1,978.5	9.9	1,085.4	883.2
4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9	2,627.3	31.0	1,517.2	1,079.1
6,617.6	2,334.9	3,596.8	177.7	1,918.6	1,500.5	2,279.6	0.0	1,290.8	988.8
8,898.8	3,030.9	4,469.9	221.4	2,331.2	1,917.3	2,440.8	0.0	1,390.0	1,050.8
11,933.7	4,211.5	5,738.9	260.5	2,994.8	2,483.6	2,992.2	0.0	1,672.3	1,319.9
11,539.1	5,327.1	7,280.3	260.9	4,081.1	2,938.3	3,041.0	0.0	1,675.3	1,365.7
16,246.9	6,437.4	7,626.8	161.4	4,412.7	3,052.7	3,723.6	0.0	1,892.2	1,831.4
19,369.3	7,637.7	9,118.6	171.1	5,062.6	3,884.9	4,332.0	0.0	2,169.9	2,162.1
24,251.1	8,037.9	13,028.5	329.7	8,902.1	3,796.7	5,288.1	0.0	2,651.5	2,636.6
36,331.3	5,084.1	16,854.7	310.2	12,722.9	3,821.6	6,127.9	0.7	3,679.6	2,447.6
49,136.4	6,216.9	25,562.6	857.0	20,660.6	4,045.0	8,788.1	45.4	6,330.0	2,412.7
52,492.3	8,454.6	39,239.2	1,909.1	32,654.6	4,675.5	13,557.5	175.0	10,356.4	3,026.1
56,217.3	9,956.6	49,485.6	1,681.0	42,771.6	5,033.0	15,514.4	209.9	12,006.1	3,298.4
56,893.1	9,140.5	50,685.4	2,148.9	43,437.1	5,099.4	15,514.4	209.9	12,006.1	3,298.4
58,656.9	9,173.5	48,546.4	1,957.4	41,503.6	5,085.4	15,514.4	209.9	12,006.1	3,298.4
54,154.5	9,527.9	51,017.6	2,284.4	43,606.4	5,126.8	14,003.4	229.3	10,298.5	3,475.6
60,983.9	10,207.7	52,080.7	2,674.1	44,368.2	5,038.4	14,003.4	229.3	10,298.5	3,475.6
63,298.9	10,384.2	53,802.5	2,756.4	45,446.1	5,600.0	14,003.4	229.3	10,298.5	3,475.6
62,524.8	8,264.1	56,342.6	2,042.9	48,610.2	5,689.5	15,220.2	205.4	11,530.5	3,484.3
62,455.1	8,931.3	57,271.3	2,058.0	49,285.4	5,927.9	15,220.2	205.4	11,530.5	3,484.3
60,520.1	7,708.2	56,927.3	1,977.7	48,831.3	6,118.3	15,220.2	205.4	11,530.5	3,484.3
59,292.5	6,598.0	52,763.6	1,627.5	44,930.1	6,206.0	15,607.3	246.4	12,039.1	3,321.8
54,847.5	6,273.7	53,853.9	1,769.5	45,740.8	6,343.6	15,607.3	246.4	12,039.1	3,321.8
57,485.6	6,554.5	54,096.0	2,049.8	45,469.4	6,576.8	15,607.3	246.4	12,039.1	3,321.8

**Figure 16.1 MONEY SUPPLY: 1997**



**Figure 16.2 TOTAL COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1997**



**Table 16.7 - (continued)**  
**TOTAL DEPOSIT LIABILITIES OF BANKS**  
**1975 to 1997**

End of Period	Specialized Government Banks <sup>2</sup>				Rural Banks			
	Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	3,336.7	0.4	2,550.6	785.7	1,085.3	20.8	656.0	408.5
1976	3,530.7	0.5	2,102.7	1,427.5	1,157.3	18.6	722.4	416.3
1977	3,406.7	2.5	1,990.7	1,413.5	1,306.8	19.8	786.3	500.7
1978	4,021.7	6.9	2,503.2	1,511.5	1,597.2	18.8	974.6	603.8
1979	4,550.8	17.1	2,947.7	1,586.0	1,911.1	26.5	1,182.2	702.4
1980	5,681.1	26.2	4,085.7	1,569.2	2,050.5	13.9	1,265.6	771.0
1981	7,748.9	21.9	6,124.2	1,602.8	2,427.3	25.0	1,471.3	931.0
1982	9,067.3	16.3	6,504.6	2,546.4	2,995.8	21.4	1,776.7	1,197.7
1983	6,240.6	21.8	4,307.9	1,910.9	3,591.4	23.5	2,063.1	1,504.8
1984	4,645.3	22.9	658.1	3,964.3	3,316.2	17.6	1,939.2	1,359.4
1985	5,201.9	17.7	716.9	4,467.3	3,127.0	17.1	1,966.9	1,143.0
1986	3,168.4	26.8	314.4	2,827.2	3,767.1	20.5	2,407.2	1,339.4
1987	2,915.0	29.7	251.3	2,634.0	4,516.3	22.7	3,011.4	1,482.2
1988	3,684.3	41.4	1,486.3	2,156.6	5,269.0	31.3	3,519.1	1,718.6
1989	2,733.6	23.1	546.1	2,164.4	6,253.8	31.8	4,224.6	1,997.4
1990	5,217.6	932.8	1,950.2	2,334.6	7,067.2	38.5	4,710.6	2,318.1
1991	9,958.5	1,371.0	4,239.8	4,347.7	8,547.3	40.6	5,477.8	3,028.9
1992	15,441.8	1,370.7	4,457.6	9,613.5	10,511.6	46.1	6,306.0	4,159.5
1993	17,056.0	2,247.9	7,300.2	7,507.9	13,421.6	54.8	7,530.4	5,836.4
1994	10,272.6	3,001.5	4,665.8	2,605.3	17,552.6	188.7	9,604.8	7,759.1
1995	11,665.7	3,570.9	5,341.7	2,753.1	23,347.3	322.5	12,401.5	10,623.3
1996	236.1	19.9	48.9	167.3	26,109.7	287.9	13,560.2	12,261.6
1997								
January	0.0	"	"	"	32,580.3	539.6	16,221.5	15,819.2
February	0.0	"	"	"	32,580.3	539.6	16,221.5	15,819.2
March	0.0	"	"	"	32,580.3	539.6	16,221.5	15,819.2
April	0.0	"	"	"	35,243.3	555.2	17,604.6	17,083.5
May	0.0	"	"	"	35,243.3	555.2	17,604.6	17,083.5
June	0.0	"	"	"	35,243.3	555.2	17,604.6	17,083.5
July	0.0	"	"	"	35,047.7	412.5	17,633.4	17,001.8
August	0.0	"	"	"	35,047.7	412.5	17,633.4	17,001.8
September	0.0	"	"	"	35,047.7	412.5	17,633.4	17,001.8
October	0.0	"	"	"	35,047.7 <sup>b</sup>	412.5	17,633.4	17,001.8
November	0.0	"	"	"	35,047.7	412.5	17,633.4	17,001.8
December	0.0	"	"	"	35,047.7	412.5	17,633.4	17,001.8

**Table 16.8**  
**NUMBER OF DEPOSIT ACCOUNTS IN BANKS**  
**1975 to 1997**

Period	Grand Total	Commercial banks				Savings Banks			
		Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	12,400,990	7,067,039	409,338	6,568,582	89,119	2,889,949	0	2,858,891	31,058
1976	14,370,284	7,904,932	454,779	7,300,625	149,528	3,438,880	0	3,374,289	64,591
1977	15,916,418	8,443,217	489,834	7,738,014	215,369	4,186,153	0	4,069,997	116,156
1978	18,244,146	9,031,697	523,094	8,214,089	294,514	5,170,963	6	4,936,358	234,599
1979	20,225,335	9,777,634	553,825	8,830,140	393,669	5,893,166	6,323	5,555,997	330,846
1980	21,047,133	10,164,281	587,319	8,936,504	640,458	6,405,457	13,488	5,961,839	430,130
1981	22,654,497	13,373,591	619,442	11,368,553	1,385,596	4,198,241	10,525	3,866,935	320,781
1982	24,869,790	15,148,854	635,648	11,839,783	2,673,423	4,456,376	14,508	4,087,721	354,147
1983	25,575,893	15,279,563	663,288	11,294,250	3,322,025	4,650,985	20,898	4,251,344	378,743
1984	23,749,779	14,052,508	660,671	10,999,659	2,392,178	3,978,748	19,537	3,827,071	132,140
1985	20,230,995	12,689,615	638,363	11,119,326	931,926	2,125,610	26,925	2,010,203	88,482
1986	19,465,502	12,464,935	650,101	11,002,378	812,456	1,856,954	31,341	1,767,978	57,635
1987	19,591,252	12,963,412	702,261	11,481,969	779,182	1,670,274	40,319	1,577,602	52,353
1988	19,546,724	13,167,759	686,476	11,452,710	1,028,573	1,572,191	46,924	1,464,327	60,940
1989	19,164,934	12,617,091	762,555	10,955,990	898,546	1,687,162	55,809	1,549,870	81,483
1990	16,143,421	10,486,998	795,443	8,951,311	740,244	1,568,603	57,603	1,424,951	86,049
1991	17,222,663	11,208,587	891,759	9,571,206	745,622	1,506,799	62,920	1,346,296	97,583
1992	17,978,008	11,921,710	1,004,911	10,146,073	770,726	1,442,892	69,269	1,284,452	89,171
1993	18,261,013	12,203,657	1,101,356	10,330,925	771,376	1,395,462	73,075	1,234,320	88,067
1994	20,081,599	12,358,844	1,188,858	10,551,890	618,096	3,200,365	86,285	2,995,267	118,813
1995	19,441,968	11,653,783	1,316,660	9,710,284	626,839	3,241,627	115,285	3,029,858	96,484
1996	18,026,779 <sup>P</sup>	13,502,657	1,425,107	11,539,472	538,078	2,314,333	124,940	2,109,558	79,835
1997									
January	4,288,894	...	...	...	...	2,058,280	123,999	1,853,361	80,920
February	4,471,209	...	...	...	...	2,271,554	267,274	1,923,006	81,274
March	4,219,622	...	...	...	...	2,003,012	122,291	1,802,498	78,223
April	10,060,293	...	...	...	...	1,954,683	123,916	1,753,196	77,571
May	10,010,133	...	...	...	...	1,955,145	125,745	1,745,759	83,641
June	24,612,099	14,381,634	1,456,509	12,313,408	611,717	1,949,068	125,770	1,746,622	76,676
July	5,154,903	...	...	...	...	1,914,398	123,176	1,698,896	92,326
August	5,108,600	...	...	...	...	1,860,376	119,849	1,668,550	71,977
September	5,129,012	...	...	...	...	1,911,104	123,725	1,718,704	68,675
October	5,159,637 <sup>P</sup>	...	...	...	...	1,903,275	131,370	1,706,829	65,076
November	5,182,299 <sup>P</sup>	...	...	...	...	1,919,467	122,314	1,730,233	66,920
December	20,617,186 <sup>P</sup>	15,380,006	1,429,752	13,312,825	637,429	2,026,840	123,569	1,835,928	67,343

Notes: Data on the number of deposit accounts of commercial banks and specialized government banks will be on a semestral basis starting 1995 per Circular No. 29.

Grand total from January to May and July to November 1996 to 1997 does not include commercial banks.

a - As of March 1995.

b - As of November 1996.

c - Consolidated with commercial banks.

d - As of September 1997.

e - Specialized government bank consists of Al-Amanah Islamic Investment Bank of the Philippines (AAIIBP) only.

Source: Bangko Sentral ng Pilipinas.



Table 16.8 - (continued)

Private Developments Banks				Specialized Government Banks				Rural Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time	Total	Demand	Savings	Time
459,041	0	451,302	7,739	31,165	178	29,816	1,171	1,953,796	4,489	1,917,725	31,582
541,730	0	530,517	11,213	53,713	659	51,217	1,837	2,431,029	4,181	2,393,543	33,305
627,479	0	610,456	17,023	72,621	1,356	68,891	2,374	2,586,948	3,946	2,544,000	39,002
697,428	0	669,742	27,686	89,152	1,753	84,577	2,822	3,254,906	5,451	3,181,564	67,891
782,016	0	738,049	43,967	78,323	2,296	73,885	2,142	3,694,196	9,053	3,580,648	104,495
834,452	451	760,645 *	73,356	88,261	778	84,914	2,569	3,554,682	8,887	3,445,553	100,242
919,162	1,678	824,585	92,899	95,301	827	91,588	2,886	4,068,202	7,189	3,942,409	118,604
1,031,915	3,511	857,634	170,770	105,403	1,055	100,948	3,400	4,127,242	5,235	3,974,468	147,539
1,143,999	5,725	945,133	193,141	114,373	1,234	109,548	3,591	4,386,973	4,260	4,215,982	166,731
1,048,020	6,375	915,191	126,454	121,723	1,247	116,340	4,136	4,548,780	4,333	4,384,976	159,471
949,631	8,857	890,703	50,071	117,787	1,215	113,114	3,458	4,348,352	4,497	4,241,448	102,407
855,163	11,245	748,189	95,729	117,926	1,163	114,364	2,399	4,170,524	5,678	4,075,190	89,656
747,396	11,954	700,210	35,232	128,637	1,416	124,188	3,033	4,081,533	3,088	3,994,251	84,194
708,748	9,968	660,254	38,526	112,646	1,296	107,897	3,453	3,985,380	8,863	3,892,226	84,291
680,744	11,675	635,276	33,793	82,073	1,162	77,785	3,126	4,097,864	4,475	4,000,019	93,370
626,992	18,718	577,278	30,996	102,873	6,240	89,385	7,248	3,357,955	4,604	3,258,151	95,200
600,468	17,066	550,012	33,390	122,497	8,291	102,757	11,449	3,784,312	4,766	3,683,011	96,535
679,085	18,573	554,397	106,115	140,585	15,859	111,767	12,959	3,793,736	5,428	3,684,190	104,118
734,401	55,909	585,302	93,190	145,989	19,761	115,157	11,071	3,781,504	50,814	3,579,648	151,042
692,715	49,415	608,468	34,832	147,632	22,451	115,671	9,510	3,682,043	10,045	3,552,472	119,526
692,305	66,257	597,135	28,913	159,009	23,249	124,581	11,179	3,695,244 *	13,515	3,562,698	119,031
768,288 <sup>b</sup>	82,694	655,847	29,747	9,543 <sup>e</sup>	977	8,450	116	1,431,958	19,096	1,354,501	58,361
765,208	83,834	652,245	29,129	c	c	c	c	1,465,406	20,498	1,380,869	64,039
734,249	84,650	620,372	29,227	c	c	c	c	1,465,406	20,498	1,380,869	64,039
751,204	94,405	627,614	29,185	c	c	c	c	1,465,406	20,498	1,380,869	64,039
742,991	84,308	629,746	28,937	c	c	c	c	7,362,619	21,814	1,510,001	5,830,804
692,369	71,897	598,892	21,580	c	c	c	c	7,362,619	21,814	1,510,001	5,830,804
918,778	82,644	801,256	34,878	c	c	c	c	7,362,619	21,814	1,510,001	5,830,804
972,773	124,104	812,620	36,049	c	c	c	c	2,267,732	22,892	2,173,159	71,681
980,492	119,289	825,367	35,836	c	c	c	c	2,267,732	22,892	2,173,159	71,681
950,176	115,238	801,851	33,087	c	c	c	c	2,267,732	22,892	2,173,159	71,681
988,630	112,874	837,289	38,467	c	c	c	c	2,267,732 <sup>d</sup>	22,892	2,173,159	71,681
995,100	114,438	841,534	39,128	c	c	c	c	2,267,732 <sup>d</sup>	22,892	2,173,159	71,681
942,608	83,436	824,587	34,585	c	c	c	c	2,267,732 <sup>d</sup>	22,892	2,173,159	71,681

**Table 16.9**  
**TOTAL ASSETS AND TOTAL LIABILITIES, BY INSTITUTION**  
**1980 to 1997**  
**(In million pesos)**

End of Period	Central Bank		Commercial banks		Thrift banks		Rural banks		Specialized Government banks <sup>1</sup>	
	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities
1980	65,447.3	64,943.4	144,489.0	132,018.1 <sup>a</sup>	10,557.6	9,340.5	5,642.2	4,769.5	28,135.0	23,134.8
1981	71,571.2	71,042.1	171,704.6	155,716.1	11,631.1	10,341.9	6,631.2	5,607.8	36,089.6	30,349.7
1982	91,691.8	96,169.1	198,865.0	179,559.3	12,585.6	11,077.8	8,136.5	6,965.3	45,428.3	38,567.2
1983	130,371.7	129,817.9	256,458.4	233,705.9	16,149.0	14,298.7	9,499.7	8,107.5	56,793.7	49,480.9
1984	206,026.5	205,434.5	299,226.2	271,425.5	14,967.8	13,075.6	9,023.3	7,513.0	8,539.6	62,239.5
1985	251,611.9	250,970.6	296,563.9	271,389.2	15,081.3	13,325.8	8,821.7	7,240.8	74,672.4	67,832.9
1986	313,892.0	313,215.0	264,635.1	232,386.9	17,652.3	15,874.7	9,350.5	7,651.6	12,447.1	7,185.8
1987	325,185.1	324,472.8	287,465.1	251,403.0	19,557.4	17,491.5	9,960.8	8,101.0	13,321.4	7,693.7
1988	349,932.7	349,150.1	342,312.0	299,510.0	24,932.7	22,470.7	11,018.2	8,980.2	13,790.8	6,852.3
1989	385,889.7	385,016.5	420,410.0	372,890.0	32,390.0	29,087.8	12,521.8	10,220.5	13,688.0	5,491.8
1990	444,893.2	442,977.4	539,708.0	477,874.0	37,621.3	32,830.8	13,862.1	11,169.0	18,503.8	10,354.9
1991	529,161.1	527,058.5	599,122.0	522,780.0	47,479.2	41,639.8	15,936.0	12,814.4	28,560.8	20,392.7
1992	586,297.9	583,711.9	691,099.0	600,137.0	60,234.8	52,664.2	18,641.3	14,955.4	41,983.9	32,453.4
1993	518,065.3	501,539.9	864,350.0	757,627.0	74,606.7	65,447.5	22,666.7	18,264.2	57,441.0	46,502.8
1994	479,543.0	457,453.2	1,058,820.0	926,465.0	106,644.8	90,363.4	28,190.5	23,076.5	60,254.7	48,273.0
1995	501,914.0	476,665.9	1,347,362.0	1,164,955.0	143,306.1	121,577.6	36,652.9	30,441.5	68,161.0	55,201.4
1996	618,909.8	593,243.1	1,876,217.0	1,635,410.0	185,137.6	155,372.3	48,039.1	40,069.1	241.7	255.3
1997										
January	585,135.2	559,029.8	1,882,208.0	1,635,748.0	200,620.5	169,866.0	50,144.3	41,963.2	b	b
February	573,190.9	546,720.2	1,928,614.0	1,676,803.0	205,412.9	173,194.7	50,144.3	41,963.2	b	b
March	563,371.3	535,914.0	2,005,026.0	1,739,390.0	209,091.0	176,098.2	50,144.3	41,963.2	b	b
April	572,732.5	545,330.1	2,001,629.0	1,728,429.0	205,799.9	172,533.5	53,756.8	45,167.0	b	b
May	579,072.9	550,758.6	2,025,457.0	1,752,429.0	213,689.3	180,179.5	53,756.8	45,167.0	b	b
June	578,212.0	549,823.1	2,085,635.0	1,805,418.0	219,012.0	185,305.4	53,756.8	45,167.0	b	b
July	585,283.8	561,926.8	2,136,264.0	1,849,359.0	219,981.0	184,400.5	55,194.3	46,119.8	b	b
August	571,077.7	547,294.8	2,191,013.0	1,900,097.0	224,687.2	188,039.8	55,194.3	46,119.8	b	b
September	629,345.7	603,895.6	2,310,700.0	2,012,951.0	220,859.8	183,780.6	55,194.3	46,119.8	b	b
October	625,598.1 <sup>a</sup>	600,668.4	2,335,284.0	2,030,739.0	210,269.0	174,212.0	55,194.3 <sup>a</sup>	46,119.8 <sup>a</sup>	b	b
November	635,300.8 <sup>a</sup>	604,544.8	2,328,737.0	2,017,806.0	207,860.2	171,537.3	55,194.3 <sup>a</sup>	46,119.8 <sup>a</sup>	b	b
December	686,216.3 <sup>a</sup>	654,566.7 <sup>a</sup>	2,512,975.0	2,189,543.0	208,394.0	169,966.8	55,194.3 <sup>a</sup>	46,119.8 <sup>a</sup>	b	b

Note: Revised to reflect the expanded coverage of deposit money banks and other changes in the classification of accounts.

1 - Starting February 1996, specialized government bank consists of Al-Amanah Islamic Investment Bank of the Philippines (AAIIBP) only.

a - As of September 1997.

b - Consolidated with commercial banks.

Source: Bangko Sentral ng Pilipinas.

Table 16.10

STATEMENT OF LOANS AND EQUITIES APPROVED AND TOTAL RESOURCES OF THE  
DEVELOPMENT BANK OF THE PHILIPPINES

FY 1970-71 to CY 1997

(Amount in million pesos)

Year	Loans and Equities Approved										Total Bank resources
	Total	Agri-cultural loans	Industrial loans	Real Estate loans	Government loans	Educa-tional assis-tance loans	Financial rehabi-litation loans	Subscrip-tion to capital stocks/rural banks	Advances and subscrip-tions to capital stock private develop-ment bank	Equities and other invest-ment	
1970-71	51.9	24.2	8.9	9.0	1.6	0.0	0.0	1.9	6.3	0.0	3,276.5
1974-75	2,642.7	550.5	750.0	1,057.4	34.2	0.0	0.0	9.8	29.0	211.8	7,837.9
1975-76	2,561.5	840.9	1,080.4	448.0	57.1	0.0	0.0	10.9	39.8	84.4	11,087.7
1976	2,577.5	773.8	1,000.8	549.0	48.5	0.0	0.0	8.3	45.3	151.8	12,607.3
1977	3,068.9	536.1	1,847.8	268.9	79.6	1.7	0.0	6.4	62.6	265.8	15,605.5
1978	3,443.5	508.5	1,907.7	493.6	72.1	2.3	0.0	0.0	57.5	401.8	18,024.5
1979	5,874.7	701.4	3,053.0	499.2	130.2	3.9	39.5	0.0	97.3	1,350.2	21,893.0
1980	6,631.9	648.3	3,564.4	1,050.7	41.8	4.5	0.0	0.0	151.1	1,171.1	27,086.2
1981	9,537.4	793.4	4,701.0	1,018.4	92.3	4.2	0.0	0.0	184.3	2,743.8	34,706.8
1982	7,791.2	626.3	3,000.4	1,001.8	93.0	7.0	0.0	11.4	220.2	2,831.1	43,988.5
1983	5,602.8	109.4	2,939.5	1,069.7	59.1	6.3	0.0	5.6	158.0	1,255.2	54,934.0
1984	9,332.8	94.8	934.8	758.2	0.0	5.8	0.0	0.9	42.5	7,495.8	65,459.6
1985	169.3	62.1	23.6	77.4	0.0	6.2	0.0	0.0	0.0	0.0	72,043.0
1986	631.7	168.3	394.8	65.3	0.0	3.0	0.0	0.0	0.0	0.3	9,503.6
1987	222.0	141.4	9.3	68.7	0.0	2.6	0.0	0.0	0.0	0.0	10,531.6
1988	2,779.8	462.5	1,577.6	215.3	0.0	0.0	103.0	0.0	0.0	421.4	11,431.1
1989	1,946.1	235.4	1,369.2	341.5	0.0	0.0	0.0	0.0	0.0	0.0	11,322.0
1990	3,123.7	258.3	1,220.5	566.9	0.0	0.3	10.0	0.0	0.0	1,067.7	17,348.0
1991	11,675.3	280.9	2,026.2	293.7	600.0	1,224.5	0.0	0.0	0.0	7,250.0	27,001.5
1992	6,338.2	356.1	2,400.7	112.0	460.2	4.2	0.0	0.0	0.0	3,005.0	41,015.3
1993	5,088.6	713.4	2,106.6	484.2	1,665.9	118.6	0.0	0.0	0.0	0.0	56,733.4
1994	52,239.4	331.7	3,645.7	2,827.4	45,316.9	117.7	0.0	0.0	0.0	0.0	59,519.5
1995	52,199.4	990.1	49,775.0	623.7	595.5	215.1	0.0	0.0	0.0	0.0	67,530.9
1996	8,702.0	981.7	4,859.5	2,367.3	251.1	242.5	0.0	0.0	0.0	0.0	75,726.1
1997 <sup>d</sup>	74,700.7	659.1	9,243.6	1,041.2	290.6	334.6	60,125.2 <sup>e</sup>	0.0	0.0	3,006.4	105,243.9

a - Includes foreign currency loan.

b - Include finance (wholesale), services, and trading loans.

c - Includes public utility, medical health, prof/business, trading, tourism, finance.

d - Data are only for loans approved, no equities approved for this year.

e - Includes banking and non-banking institutions.

Source: Development Bank of the Philippines.

**Table 16.11**  
**FINANCIAL CONDITION OF THE GOVERNMENT SERVICE INSURANCE SYSTEM**  
**FY 1974-1975 to CY 1997**  
**(In million pesos)**

Year	Assets						Reserves	
	Total	Social insurance fund <sup>1</sup>	Optional Life insurance fund <sup>2</sup>	General insurance fund <sup>3</sup>	Medicare insurance fund <sup>4</sup>	Employees Compensation insurance fund <sup>5</sup>	Total	Social insurance fund <sup>1</sup>
1974-1975	4,425.6	4,212.2	0.0	151.1	50.8	11.5	4,036.5	3,990.3
1976	6,339.4	5,825.5	0.0	402.1	35.8	76.0	5,152.2	5,082.4
1977	6,751.4	6,073.5	0.0	520.4	24.6	132.9	5,563.9	5,559.7
1978	7,833.3	6,815.8	299.6	505.6	12.5	199.8	6,393.5	5,819.2
1979	8,137.0	7,080.0	351.4	403.6	49.4	252.6	7,246.6	6,653.0
1980	9,245.5	8,018.2	364.3	484.0	78.2	300.8	8,210.7	7,525.6
1981	10,943.8	9,688.7	411.5	563.1	21.3	259.2	9,789.1	8,926.4
1982	13,312.3	11,895.5	440.0	678.2	56.2	242.4	11,514.0	10,541.7
1983	14,610.0	13,090.8	446.6	685.4	100.8	286.4	12,959.7	11,757.2
1984	15,641.7	13,802.5	498.2	865.8	134.7	340.5	13,916.1	12,311.8
1985	16,752.9	14,382.3	598.0	1,014.0	303.0	455.6	15,225.3	13,327.4
1986	19,326.2	15,588.5	730.8	2,183.3	388.4	435.2	18,113.9	16,430.7
1987	22,537.5	17,717.0	873.0	3,061.0	462.0	424.5	18,931.9	16,648.9
1988	24,899.5	20,885.0	1,081.7	1,990.8	531.3	410.7	21,537.3	19,246.8
1989	29,106.8	23,803.0	1,395.2	2,842.3	689.9	376.4	24,481.2	21,773.3
1990	35,527.0	28,622.8	1,605.8	3,965.3	833.8	499.3	29,403.6	26,159.0
1991	43,048.2	35,584.7	2,018.9	4,060.7	863.0	520.9	37,470.3	33,715.4
1992	50,678.5	41,700.3	2,563.6	5,021.7	891.7	501.2	43,841.6	39,862.3
1993	59,051.0	48,993.4	3,079.2	5,395.8	944.4	638.2	51,660.4	47,268.1
1994	75,114.8	62,713.9	4,017.6	5,912.7	1,889.1	581.5	61,869.5	56,550.6
1995	90,257.8	76,397.4	4,418.7	6,799.2	1,829.8	812.7	73,840.9	67,819.6
1996	108,627.0	91,467.1	5,731.4	8,018.5	2,324.0	1,086.0	79,288.6	72,439.5
1997	129,896.0	109,103.0	7,307.0	9,601.0	2,515.0	1,370.0	105,976.7	97,993.7

1 - Composed of Life and Retirement Insurance Fund prior to 1979.

2 - Started operation in 1978.

3 - Refers to Property Insurance Fund prior to 1973.

4 - Started operation in 1973.

5 - Started operation in March 1975.

6 - Net of Interfund borrowing/lending.

Source: Government Service Insurance System.

Table 16.11 - (continued)

Reserves				Surplus <sup>6</sup>					
Optional Life insurance fund <sup>2</sup>	General insurance fund <sup>3</sup>	Medicare insurance fund <sup>4</sup>	Employees Compensation insurance fund <sup>5</sup>	Total	Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	Employees Compensation insurance fund
0.0	9.5	35.4	1.3	133.5	29.2	0.0	80.2	14.2	9.9
0.0	13.7	45.1	11.0	472.7	240.8	0.0	177.6	(10.3)	64.6
0.0	4.2	0.0	0.0	551.2	252.7	0.0	207.0	(21.6)	113.1
286.1	217.7	44.3	26.2	439.2	271.1	10.7	31.8	(34.7)	160.3
290.0	217.8	52.2	33.6	543.7	218.9	57.4	66.6	(12.5)	213.3
281.5	263.3	83.9	56.4	672.1	250.1	74.0	121.0	(12.7)	239.7
295.4	320.5	104.7	142.1	782.5	291.7	120.2	146.1	8.9	215.6
308.6	367.2	120.6	175.9	992.2	327.4	163.9	163.8	70.9	266.2
376.9	464.3	144.8	216.5	937.7	219.0	126.2	178.6	128.2	285.7
448.7	535.9	218.2	401.5	672.3	218.9	99.5	177.6	79.5	96.8
534.5	676.8	240.2	446.4	521.5	218.9	85.7	142.0	74.9	0.0
489.7	711.6	174.4	307.5	(562.0)	(1,618.0)	224.8	534.6	195.1	101.5
596.7	886.0	385.0	415.3	1,034.0	219.0	261.0	519.0	35.0	0.0
608.7	830.1	436.4	415.3	1,415.0	219.0	455.1	729.2	56.3	(44.6)
757.6	992.4	542.7	415.2	2,259.7	1,039.9	524.0	655.7	81.7	(41.6)
869.1	1,316.1	598.4	461.0	3,389.3	1,693.7	726.3	759.3	194.9	15.1
1,001.1	1,443.2	824.7	485.9	2,482.3	218.9	976.5	1,286.3	0.0	0.6
1,134.6	1,533.1	825.7	485.9	3,451.4	238.5	1,342.9	1,904.6	0.0	(34.6)
1,346.9	1,712.3	847.2	485.9	4,150.5	286.8	1,632.5	2,286.0	0.0	(54.8)
1,599.7	1,814.5	1,418.8	485.9	6,060.0	698.6	2,196.7	2,794.0	395.5	(24.8)
1,936.2	1,956.7	1,642.5	485.9	7,391.3	2,039.9	1,990.0	3,267.8	120.8	(27.2)
2,412.1	2,120.3	1,830.8	485.9	17,344.1	10,775.4	2,569.1	3,921.3	126.9	(48.6)
3,091.5	2,293.0	2,112.6	485.9	8,222.0	252.0	2,829.0	5,173.0	397.0	(429.0)

**Table 16.12**  
**INVESTMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM**  
**FY 1974-75 to CY 1997**  
**(In million pesos)**

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	Others <sup>1</sup>
1974-75	2,935.5	390.1	280.8	1,745.5	430.6	88.5
1976	3,851.6	500.5	332.8	2,335.4	638.4	44.5
1977	4,324.8	546.9	365.6	2,477.7	890.3	44.3
1978	4,868.4	651.5	414.3	1,958.1	1,276.5	568.0
1979	5,564.5	802.1	477.8	1,916.2	1,714.4	654.0
1980	6,443.2	938.5	561.6	1,987.2	2,132.5	823.4
1981	7,859.2	1,202.7	632.7	1,844.6	2,935.2	1,244.0
1982	9,323.9	1,416.0	736.4	1,109.6	3,744.2	2,317.7
1983	9,903.4	1,516.6	820.6	996.8	3,525.0	3,044.4
1984	10,899.3	1,803.6	913.4	908.6	4,250.5	3,023.2
1985	11,857.7	1,945.3	1,027.3	820.1	4,839.9	3,225.1
1986	12,746.6	2,439.6	1,120.9	679.3	5,458.8	3,048.0
1987	14,797.8	3,218.8	1,184.2	777.5	5,992.0	3,625.2
1988	19,166.0	5,196.3	1,297.7	2,361.8	6,671.7	3,638.5
1989	22,188.5	6,281.6	1,382.7	2,648.6	7,501.2	4,374.4
1990	26,871.0	7,756.8	1,625.8	2,832.6	9,886.5	4,769.3
1991	29,451.7	7,983.8	1,908.3	3,299.2	11,819.7	4,440.7
1992	34,919.6	7,472.2	2,298.2	4,130.8	15,150.2	5,868.2
1993	36,968.5	7,950.3	2,717.6	5,058.9	14,647.0	6,594.7
1994	47,642.1	10,163.1	3,132.9	6,091.0	19,802.8	8,452.3
1995	46,933.2	12,895.2	3,618.5	6,666.1	13,187.6	10,565.8
1996	63,545.1	14,821.6	4,310.2	7,493.8	26,976.7	9,942.8
1997	72,902.4	16,567.6	5,155.6	8,487.9	30,956.5	11,734.8

1 - Includes educational assistance loans, backpay certificates, Fly PAL Pay Later Plan and/or miscellaneous investments.

a - The change was due to the classification of the special savings deposits (SSD) to cash in bank.

Source: Government Service Insurance System.

Table 16.13

## CASH RECEIPTS AND DISBURSEMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM

FY 1974-75 to CY 1997

(In million pesos)

Year	Cash balance beginning	Cash Receipts			Total funds available	Disbursements				Total funds applied
		Insurance premiums	Repayments of investments	Others		Claims & benefits payments	Investments	Operating expenses and other misc. disbursements	Others	
1974-75	(35.7)	632.2	818.1	386.8	1,169.2	411.3	866.6	142.8	427.3	1,848.0
1976 <sup>a</sup>	(88.8)	212.6	115.0	534.3	560.5	235.4	507.2	25.2	74.7	842.5
1977	(69.4)	915.3	685.7	332.3	948.6	467.5	974.1	99.7	361.1	1,902.4
1978	(38.6)	1,159.0	579.6	488.9	1,029.9	668.5	1,147.2	143.2	242.8	2,201.7
1979	(12.8)	1,425.9	1,129.1	471.0	1,587.3	726.9	1,595.1	328.3	298.9	2,949.2
1980	64.0	1,730.4	1,041.2	307.1	1,412.3	699.0	1,793.9	237.4	264.4	2,994.7
1981	148.1	2,224.1	1,633.5	382.7	2,164.3	794.0	2,709.6	241.9	639.0	4,384.5
1982	3.9	2,312.6	1,496.8	383.8	1,884.5	922.7	2,310.4	284.5	670.9	4,188.5
1983	8.6	2,494.6	2,244.7	530.5	2,783.8	1,025.4	2,479.6	332.4	1,410.0	5,247.4
1984	31.1	2,445.8	2,201.1	383.5	2,615.7	1,061.7	2,823.3	285.1	845.2	5,015.3
1985	46.1	2,841.6	2,184.6	513.9	2,744.6	1,470.4	2,726.5	491.2	900.2	5,588.3
1986	(2.1)	3,051.2	3,148.0	578.4	3,724.3	1,567.3	3,772.5	605.7	654.1	6,599.6
1987	176.0	4,093.0	5,684.3	518.0	6,378.3	1,817.4	7,317.3	453.5	788.7	10,376.9
1988	94.5	4,367.0	10,499.0	836.4	15,797.0	1,996.9	12,315.0	554.3	761.8	15,628.0
1989	169.0	5,120.2	15,016.5	1,353.8	21,659.4	2,756.8	17,711.1	726.0	403.1	21,597.0
1990	563.2	7,081.2	30,887.5	1,758.1	40,290.0	3,546.0	35,662.0	687.0	638.0	40,533.0
1991	1,767.3 <sup>b</sup>	9,412.8	9,749.8	2,847.2	23,777.0	5,283.9	13,155.6	809.0	750.7	19,999.2
1992	3,777.9	7,569.4	15,809.7	3,761.7	30,918.6	6,118.0	19,881.9	983.1	1,178.6	28,161.6
1993	2,586.2	10,330.8	26,010.3	4,206.5	42,266.5	7,254.3	24,965.6	886.0	2,313.7	35,419.6
1994	7,841.5	10,279.0	22,674.3	5,283.4	46,078.1	7,243.1	26,941.1	1,101.1	8,285.0	43,092.6
1995	2,985.5	12,780.7	17,050.4	3,571.8	36,388.4	7,589.7	23,825.2	1,568.9	2,015.7	34,999.5
1996	1,388.9	13,188.7	25,594.0	4,426.9	44,598.5	8,794.4	29,091.6	1,892.6	1,837.3	41,615.9
1997	2,983.0	13,924.0	29,122.0	4,867.0	47,365.0	10,046.0	33,535.0	2,035.1	1,748.9	47,365.0

Note: Format revised to conform to source data's published format.

Account Receivables and Interest were included in 'Others'.

a - Period covered July 1 to December 31, 1976.

b - Include the time deposit reclassified as Cash Bank Act.

Source: Government Service Insurance System.

**Table 16.14**  
**EXPENDITURES OF THE SOCIAL SECURITY SYSTEM BY SOURCE**  
**1970 to 1997**  
(In million pesos)

Year	Total Expenditures	Total benefit payments <sup>1</sup>	Administration			
			Total	SSS	Medicare	Employees' compensation
1970	73.3	49.0	24.3	24.3	-	-
1975	336.1	278.9	57.2	53.6	3.0	0.6
1976	402.1	335.5	66.6	60.9	3.8	1.9
1977	399.8	337.0	62.8	55.7	4.4	2.7
1978	553.0	478.7	74.3	69.4	3.2	1.7
1979	665.5	576.7	88.8	83.2	3.7	1.9
1980	752.8	660.4	92.4	86.3	3.8	2.3
1981	895.7	791.5	104.2	92.6	7.0	4.6
1982	1,129.1	1,016.0	113.1	100.6	7.1	5.4
1983	1,299.2	1,174.2	125.0	112.0	7.3	5.7
1984	1,479.9	1,315.7	164.2	143.0	9.0	12.2
1985	1,691.4	1,531.4	160.0	140.5	9.1	10.4
1986	2,031.3	1,829.8	201.5	161.4	27.3	12.8
1987	2,802.0	2,534.7	267.3	219.3	34.7	13.3
1988	4,005.2	3,654.9	350.3	293.6	42.0	14.7
1989	4,730.2	4,266.3	463.9	400.0	44.4	19.5
1990	6,429.4	5,873.0	556.4	475.7	60.2	20.5
1991	8,642.1	7,903.0	739.1	627.0	86.6	25.5
1992	11,305.4	10,371.0	934.4	788.2	114.2	32.0
1993	15,002.0	13,958.0	1,044.0	881.4	127.6	35.0
1994	18,607.7	17,276.4	1,330.2	1,125.0	131.7	73.5
1995	20,335.4	18,666.5	1,667.8	1,397.2	147.2	123.4
1996	22,579.5	20,376.0	2,202.5	1,824.5	224.4	153.6
1997	25,997.3	23,238.7	2,757.5	2,438.5	147.2	171.8

1 - See table 12.6 for breakdown by type of fund.

Source: Social Security System.



Table 16.15

ASSETS, INVESTMENTS AND EARNINGS OF THE SOCIAL SECURITY SYSTEM <sup>1</sup>

1970 to 1997

(In million pesos)

Year	Year-end assets	Annual increase %	Year-end investments	Annual increase %	Yearly earnings	Annual increase %
1970	1,128.2	19.05	1,085.5	20.41	66.4	27.77
1971	1,330.6	17.94	1,265.8	16.61	79.3	19.43
1972	1,572.3	18.16	1,519.2	20.02	99.4	25.35
1973	1,949.2	23.97	1,890.5	24.44	128.6	29.38
1974	2,388.9	22.56	2,348.8	24.24	173.3	34.76
1975	2,997.0	25.46	2,915.5	24.13	220.1	27.01
1976	3,696.1	23.33	3,597.0	23.38	284.3	29.17
1977	4,539.7	22.82	4,348.1	20.88	378.4	33.10
1978	5,512.4	21.43	5,276.7	21.36	473.4	25.11
1979	6,750.7	22.46	6,608.6	25.24	583.7	23.30
1980	8,220.7	21.78	8,066.3	22.06	779.5	33.54
1981	9,958.2	21.14	9,711.3	20.39	1,013.6	30.03
1982	11,834.0	18.84	11,538.5	18.82	1,270.5	25.35
1983	13,936.6	17.77	13,633.2	18.15	1,577.0	24.12
1984	17,155.9	23.10	16,449.0	20.65	2,573.0	63.16
1985	22,245.8	29.67	21,121.5	28.41	4,335.6	68.50
1986	26,155.1	17.57	25,290.7	19.74	3,961.4	(8.63)
1987	31,092.0	18.88	29,900.3	18.23	3,837.1	(3.14)
1988	36,229.6	16.52	35,422.8	18.47	4,385.2	14.28
1989	42,940.0	18.52	41,765.0	17.90	5,475.8	24.87
1990	51,518.6	19.98	50,112.1	19.99	7,643.4	39.59
1991	62,918.0	22.13	60,673.2	21.07	10,474.6	37.04
1992	72,411.8	15.09	71,239.3	17.41	9,939.9	-5.10
1993	84,180.5	16.25	82,798.6	16.23	10,474.6	5.38
1994	93,117.7	10.62	88,247.1	6.58	10,236.0	-2.28
1995	101,367.1	8.86	96,270.4	9.09	12,100.0	18.21
1996	112,513.4	11.00	104,125.9	8.16	12,154.7	0.45
1997	128,454.3	14.17	124,718.6	19.78	13,864.4	14.07

1 - Excludes Medicare and Employees' Compensation.

Source: Social Security System.

**Table 16.16**  
**REVENUES OF THE SOCIAL SECURITY SYSTEM BY SOURCE**  
**1970 to 1997**  
**(In million pesos)**

Year	Total Revenue	Total Contributions	Earnings				Others			
			Total	SSS	Medicare	Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
1970	236.8	168.8	66.4	66.4	0.0	0.0	1.6	1.6	0.0	0.0
1975	940.4	702.3	235.1	220.1	12.8	2.2	3.0	3.0	0.0	0.0
1976	1,164.9	839.6	308.0	284.3	13.8	9.9	17.3	17.2	0.0	0.1
1977	1,380.3	952.9	411.5	378.4	14.8	18.3	15.9	14.3	0.6	1.0
1978	1,641.1	1,104.6	518.5	473.4	16.9	28.2	18.0	16.8	0.0	1.2
1979	2,117.9	1,445.5	649.9	583.7	22.9	43.3	22.5	21.5	0.3	0.7
1980	2,525.8	1,617.7	887.3	779.5	38.3	69.5	20.8	18.7	1.1	1.0
1981	2,968.2	1,785.9	1,170.6	1,013.6	60.5	96.5	11.7	10.4	0.7	0.6
1982	3,402.2	1,900.3	1,486.4	1,270.5	84.0	131.9	15.5	13.0	1.6	0.9
1983	3,865.9	1,988.3	1,859.7	1,577.0	109.3	173.4	17.9	14.6	2.2	1.1
1984	5,156.1	2,112.2	3,029.5	2,573.0	188.0	268.5	14.4	12.0	1.5	0.9
1985	7,437.7	2,187.3	5,236.4	4,335.6	365.1	535.7	14.0	11.8	1.4	0.8
1986	7,049.8	2,221.4	4,815.5	3,961.4	355.8	498.3	12.9	10.7	1.4	0.8
1987	8,786.5	4,158.2	4,610.1	3,837.1	334.5	438.5	18.8	17.0	1.4	0.4
1988	10,523.9	5,172.1	5,342.0	4,386.9	406.6	548.5	9.0	8.0	0.7	0.3
1989	12,969.0	6,150.9	6,786.0	5,475.8	554.1	756.1	32.2	27.0	2.9	2.3
1990	16,986.0	7,354.3	9,601.7	7,643.4	837.8	1,120.5	30.0	28.8	0.8	0.4
1991	22,240.3	9,459.7	12,713.2	10,474.6	954.2	1,284.4	59.8	55.8	3.0	1.0
1992	23,962.9	11,151.2	12,731.6	9,939.9	1,192.9	1,598.8	63.9	60.8	2.2	0.9
1993	27,558.2	13,364.2	14,109.7	11,255.6	1,288.8	1,565.3	72.5	68.4	2.7	1.4
1994	30,789.8	16,247.5	14,440.9	11,271.8	1,453.3	1,715.8	94.3	89.2	3.5	1.6
1995	34,232.9	18,743.0	15,351.0	12,100.0	1,454.4	1,796.6	123.1	113.0	7.2	2.9
1996	37,218.2	21,554.9	15,468.6	12,154.7	1,650.1	1,663.8	186.8	177.0	7.7	2.1
1997	42,794.7	25,664.0	16,903.5	13,864.4	1,490.9	1,548.2	227.2	219.0	5.8	2.4

Source: Social Security System.

**Table 16.17**  
**REVENUES, EXPENDITURES AND TRUST FUND GENERATED FROM THE**  
**OPERATIONS OF THE SOCIAL SECURITY SYSTEM**  
**1970 to 1997**  
(In million pesos)

Year	Revenues					Expenditures					Trust Fund <sup>1</sup>				
	Total	SSS	Medicare	Employees' Compen-sations	Mortgage Insurance fund	Total	SSS	Medi-care	Employees' Compen-sations	Mortgage Insurance fund	Total	SSS	Medi-care	Employees' Compen-sations	Mortgage Insurance fund
1970	236.8	236.8	-	-	-	73.4	73.4	-	-	-	163.4	163.4	-	-	-
1971	283.5	283.5	-	-	-	84.1	84.1	-	-	-	199.4	199.4	-	-	-
1972	385.3	327.5	57.8	-	-	102.4	94.3	8.1	-	-	282.9	233.3	49.7	-	-
1973	620.7	512.8	107.9	-	-	161.6	133.4	28.2	-	-	459.1	379.4	79.7	-	-
1974	724.6	606.2	118.4	-	-	300.2	177.3	122.9	-	-	424.4	428.8	-4.4	-	-
1975	940.3	744.0	134.8	61.5	-	336.0	202.1	129.5	4.4	-	604.3	541.9	5.3	57.1	-
1976	1,164.9	915.4	154.5	95.0	-	449.5	271.8	165.5	12.2	-	702.1	630.4	-11.1	82.8	-
1977	1,380.3	1,092.8	170.8	116.7	-	399.8	240.6	142.0	17.2	-	980.5	852.2	28.8	99.5	-
1978	1,641.1	1,311.9	190.6	138.6	-	553.1	351.0	181.4	20.7	-	1,088.0	960.9	9.2	117.9	-
1979	2,118.0	1,659.9	287.9	170.2	-	665.5	426.9	212.1	26.5	-	1,452.5	1,233.1	75.7	143.7	-
1980	2,526.5	1,985.5	329.9	211.1	-	752.8	513.6	207.6	31.6	-	1,773.7	1,471.9	122.3	179.5	-
1981	2,969.0	2,344.4	374.9	249.7	-	895.7	633.2	221.7	40.8	-	2,073.3	1,711.2	153.2	208.9	-
1982	3,402.2	2,688.8	416.4	297.0	-	1,129.8	826.5	258.6	44.7	-	2,280.8	1,871.5	157.6	251.7	-
1983	3,865.9	3,065.9	452.1	347.9	-	1,299.2	977.4	266.7	55.1	-	2,566.7	2,088.5	185.4	292.8	-
1984	5,156.0	4,167.8	532.0	456.2	-	1,479.9	1,160.3	248.4	71.2	-	3,676.1	2,596.0	425.8	654.3	-
1985	7,437.7	6,006.1	699.3	732.3	-	1,691.3	1,339.8	273.5	78.0	-	5,745.8	4,754.9	386.9	604.0	-
1986	7,049.6	5,660.1	692.3	697.2	-	2,031.3	1,631.7	306.4	93.2	-	5,018.3	3,926.6	497.3	594.4	-
1987	8,786.5	7,209.5	881.4	695.6	-	2,801.6	2,314.6	385.0	102.0	-	5,984.9	4,894.9	496.4	593.6	-
1988	10,522.2	8,681.7	1,023.3	817.2	-	4,006.1	3,345.9	516.5	143.7	-	6,516.1	5,335.8	506.8	673.6	-
1989	12,969.0	10,624.9	1,288.1	1,056.0	-	4,730.8	4,063.9	493.9	173.0	-	8,238.2	6,561.0	794.2	883.0	-
1990	16,986.0	13,935.1	1,616.0	1,434.9	-	7,410.0	6,428.9	770.7	210.4	-	9,576.0	7,506.2	845.3	1,224.5	-
1991	22,240.3	18,352.7	2,265.5	1,614.4	7.7	8,642.8	7,291.6	1,109.5	241.4	0.3	13,597.5	11,061.1	1,156.0	1,373.0	7.4
1992	23,962.9	19,181.3	2,790.0	1,975.4	16.2	11,306.1	9,593.9	1,392.9	319.0	0.3	12,650.9	9,581.4	1,397.2	1,656.4	15.9
1993	27,558.2	22,310.5	3,220.5	2,015.4	11.8	15,003.7	12,742.5	1,848.9	410.8	1.7	12,554.5	9,568.1	1,371.7	1,604.6	10.1
1994	30,789.7	24,711.8	3,810.9	2,260.1	6.9	18,608.0	16,051.7	1,885.6	669.3	1.4	12,181.7	8,660.1	1,925.3	1,590.8	5.5
1995	34,232.8	27,612.2	4,182.0	2,422.8	15.8	20,335.3	17,645.9	1,864.9	823.3	1.2	13,897.5	9,966.3	2,317.1	1,599.5	14.6
1996	37,229.5	30,383.8	4,736.4	2,094.2	15.1	22,579.6	19,361.3	2,322.3	894.9	1.1	14,649.9	11,022.5	2,414.1	1,199.3	14.0
1997	42,825.7	36,121.5	4,814.5	1,858.7	31.0	25,997.3	21,914.8	3,064.4	1,017.0	1.1	16,828.4	14,206.7	1,750.1	841.7	29.9

1 - Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

**Table 16.18**  
**INVESTMENTS PORTFOLIO OF THE SOCIAL SECURITY SYSTEM**  
**1970 to 1997**  
**(In million pesos)**

Year	Total	Social Security System						Medicare	Employees' compensation
		Total	Government securities	Housing loans	Salary educational loans	Other service loans	Private securities		
1970	1,103.5	1,103.5	453.3	449.6	115.1	6.9	78.6	0.0	0.0
1971	1,265.8	1,265.8	512.2	539.3	130.6	10.2	73.5	0.0	0.0
1972	1,567.3	1,519.2	768.6	525.6	133.8	12.4	78.8	48.1	0.0
1973	2,014.3	1,890.4	1,020.2	595.6	164.6	15.0	95.0	123.9	0.0
1974	2,476.3	2,348.8	1,357.0	637.0	209.1	15.2	130.5	127.5	0.0
1975	3,118.1	2,915.5	1,829.9	706.8	240.5	14.9	123.4	144.9	57.7
1976	3,857.0	3,597.0	2,297.8	845.9	309.0	17.1	127.2	115.3	144.7
1977	4,729.7	4,348.2	2,812.8	1,023.0	369.9	20.6	121.9	144.5	237.0
1978	5,793.3	5,276.7	3,473.6	1,230.9	427.9	24.6	119.7	158.7	357.9
1979	7,328.5	6,608.6	4,539.0	1,414.4	520.2	28.3	106.7	230.3	489.6
1980	9,085.1	8,066.3	5,745.4	1,593.0	591.0	33.0	103.9	350.1	668.7
1981	11,086.2	9,711.3	7,129.5	1,758.1	686.4	37.7	99.6	501.4	873.5
1982	13,308.2	11,538.4	8,409.0	1,938.6	757.9	43.6	389.3	652.8	1,117.0
1983	15,880.2	13,633.2	10,118.4	2,192.4	810.5	49.0	462.9	838.5	1,408.5
1984	19,296.7	16,449.0	11,619.7	2,575.7	1,056.3	72.4	1,124.9	1,105.4	1,742.3
1985	24,963.3	21,121.5	15,621.7	3,081.5	1,205.9	59.9	1,152.5	1,492.0	2,349.8
1986	30,172.2	25,290.7	19,610.6	3,546.7	1,259.1	63.7	810.6	1,898.9	2,982.6
1987	35,774.2	29,900.3	21,374.6	4,269.2	1,896.5	67.0	2,293.0	2,366.0	3,507.9
1988	48,745.4	41,552.8	30,445.4	4,931.8	2,689.3	64.0	3,422.3	2,933.9	4,258.7
1989	57,057.9	48,140.7	33,200.0	4,903.7	4,702.2	65.7	5,269.1	3,754.2	5,163.0
1990	61,030.6	50,112.1	31,040.4	8,330.9	4,063.6	159.6	6,517.6	4,540.3	6,378.2
1991	73,855.5	60,673.2	32,940.8	12,386.2	6,204.5	137.4	9,004.3	5,597.9	7,584.4
1992	86,252.1	70,024.0	34,421.9	16,762.5	7,601.2	138.9	11,099.5	6,985.4	9,242.7
1993	100,219.2	80,991.1	39,062.4	23,282.4	6,728.4	210.9	11,707.0	8,362.4	10,865.7
1994	133,725.3	111,005.1	50,843.4	30,267.3	11,733.4	225.0	17,936.0	10,286.0	12,434.2
1995	148,783.5	122,345.6	50,776.9	36,829.9	12,955.2	234.9	21,548.7	12,554.0	13,883.9
1996	127,395.1	105,220.1	37,496.3	32,314.0	11,171.2	229.3	24,009.3	14,225.0	7,950.0
1997	139,648.8	124,718.5	42,100.9	37,129.4	14,557.6	4,949.5	25,981.1	95.4	14,834.9

Source: Social Security System.

**Table 16.19**  
**BALANCE OF PAYMENTS <sup>1</sup>**  
**1986 to 1997**  
**(Value in million U.S. dollars)**

Item	1986 <sup>b</sup>	1987	1988	1989	1990 <sup>c</sup>	1991	1992	1993	1994	1995	1996	1997 <sup>f</sup>
<b>I. Current Account Transactions</b>												
Merchandise Trade Balance	(202)	(1,017)	(1,085)	(2,598)	(4,020)	(3,211)	(4,695)	(6,222)	(7,850)	(8,944)	(11,342)	(11,127)
Exports	4,842	5,720	7,074	7,821	8,186	8,840	9,824	11,375	13,483	17,447	20,543	25,228
Imports	5,044	6,737	8,159	10,419	12,206	12,051	14,519	17,597	21,333	26,391 <sup>a</sup>	31,885 <sup>a</sup>	36,355 <sup>b</sup>
Services (net)	715	0	(80)	312	739	1,515	3,020	2,507	3,964	4,765	6,800	5,744
Inflow	3,791	3,454	3,592	4,586	4,842	5,624	7,443	7,497	10,550	14,374	19,006	22,835
Outflow	3,076	3,454	3,672	4,274	4,103	4,109	4,423	4,990	6,586	9,609	12,206	17,091
Transfers	441	573	775	830	714	827	817	699	936	882	589	1,080
Receipts	445	575	778	832	717	828	826	746	1,041	1,147	1,185	1,670
Payments	4	2	3	2	3	1	9	47	105	265	596	590
Current Account Balance	954	(444)	(390)	(1,456)	(2,567)	(869)	(858)	(3,016)	(2,950)	(3,297)	(3,953)	(4,303)
<b>II. Capital and Financial Transactions</b>												
<b>Medium &amp; Long-Term <sup>2</sup></b>												
Loans, Net	732	159	(519)	381	406	922	666	2,105	1,313	1,276	2,841	4,688
Inflow	2,605	2,598	2,412	2,797	4,321	3,613	7,436	4,853	4,369	3,927	6,540	7,427
Outflow	1,873	2,439	2,931	2,416	3,915	2,691	6,770	2,748	3,056	2,651	3,699	2,739
Foreign Investments	140	326	986	843	480	654	737	812	1,558	1,609	3,517 <sup>r</sup>	766
Inflow	186	439	1,077	961	498	681	931	2,135	2,492	2,944	3,621	847
Outflow	46	113	91	118	18	27	194	1,323	934	1,335	104	81
Change in the NFA of KBs <sup>3</sup>					603	40	289	(299)	674	564	4211	1191
Purchase of Collateral	0	0	0	0	0	0	(469)	0	0	0	0	0
Short-term capital, net	(824)	80	(303)	(89)	19	349	660	(148)	1,002	(56)	540	495
Errors & omissions	33	(144)	422	383	431	584	(360)	84	160	(291)	(1,302)	-
<b>Capital and Financial Account</b>												
Balance	81	421	586	1,518	1,776	1,878	1,850	2,820	4,547	3,393	11,072	6,464
Monetization of gold	279	365	314	288	218	245	130	113	154	177	198	105
Allocation of SDR	-	-	-	-	-	-	-	-	-	-	-	-
Revaluation adjustments	(72)	(78)	83	101	800	387	527	431	100	(96)	(203)	(465)
of which: Arising from												
Debt Reduction Schemes	-	72	73	223	819	264	696	97	1	-	-	-
<b>III. Unremittable Arrears/</b>												
Adjustments	0	0	0	0	0	0	0	0	0	0	0	0
Overall BOP Position <sup>3</sup>	1,242	264	593	451	(93)	2,103	1,492	(166)	1,802	631	4,107	(3,363)

1 - Based on the revised methodology from 1990 onwards.

2 - Revised 1996 data to reflect adjustments given by MEDD

3 - Revised figures since 1990 to exclude resident transactions.

a - Adjusted NSO data to exclude aircraft procured under operational lease arrangement amounting to \$147 million and \$542 million for 1995 and 1996, respectively.

b - Adjusted NSO data to exclude the \$45 million worth of aircraft under operational lease and to exclude the \$737 million worth of aircraft under capital lease.

r - Revised as of March 1998 to reflect year-end adjustments on portfolio investments.

Source: Bangko Sentral ng Pilipinas.

**Table 16.20**  
**PESO PER U.S. DOLLAR RATE <sup>1</sup>**  
**1986 to 1998**

Period	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<b>Monthly Averages</b>													
January	19.042	20.463	20.846	21.342	22.464	28.000	26.545	25.280	27.725	24.622	26.212	26.317	42.661
February	20.461	20.525	20.903	21.357	22.624	28.000	26.158	25.312	27.646	25.028	26.159	26.341	40.414
March	20.781	20.563	21.028	21.339	22.759	28.000	25.810	25.366	27.587	25.859	26.196	26.332	39.004
April	20.505	20.505	21.030	21.414	22.761	27.926	25.667	26.078	27.530	26.008	26.190	26.364	38.442
May	20.500	20.473	20.954	21.580	22.902	27.819	26.150	27.006	27.053	25.849	26.176	26.372	39.297
June	20.552	20.456	20.949	21.680	23.103	27.796	26.121	27.206	26.976	25.674	26.194	26.376	40.399
July	20.454	20.450	21.025	21.887	23.563	27.621	25.262	27.569	26.461	25.514	26.200	27.668	
August	20.432	20.439	21.059	21.880	24.447	27.200	24.669	27.949	26.313	25.711	26.199	29.331	
September	20.509	20.601	21.249	21.969	25.352	26.983	24.726	28.234	25.911	25.969	26.236	32.395	
October	20.437	20.706	21.362	21.959	25.750	26.995	24.785	29.160	25.395	25.965	26.269	34.464	
November	20.436	20.817	21.377	22.099	28.000	26.737	24.936	28.485	24.265	26.167	26.266	34.518	
December	20.520	20.815	21.356	22.335	28.000	26.668	25.322	27.794	24.145	26.206	26.293	37.171	
Average	20.386	20.568	21.095	21.737	24.310	27.479	25.512	27.120	26.417	25.714	26.216	29.471	40.036
<b>End-of-Period</b>													
January	19.103	20.478	20.870	21.350	22.543	28.000	26.527	25.348	27.676	24.573	26.185	26.344	42.410
February	21.979	20.528	21.010	21.350	22.761	28.000	26.045	25.280	27.701	25.732	26.177	26.333	40.364
March	20.600	20.550	21.016	21.330	22.750	28.000	25.383	25.513	27.565	25.987	26.197	26.367	37.081
April	20.500	20.484	21.018	21.564	22.805	27.842	25.804	26.385	27.277	26.021	26.173	26.369	39.979
May	20.502	20.466	20.905	21.608	22.977	27.806	26.250	27.094	26.874	25.797	26.222	26.374	38.898
June	20.580	20.456	21.062	21.807	23.270	27.750	25.584	27.272	26.910	25.575	26.203	26.384	42.091
July	20.426	20.440	21.038	21.880	23.860	27.750	24.910	27.695	26.229	25.585	26.228	28.968	
August	20.470	20.453	21.079	21.880	25.000	27.000	23.294	28.043	26.484	25.906	26.202	30.165	
September	20.448	20.600	21.336	21.945	25.750	27.000	25.120	29.813	26.000	26.065	26.257	33.873	
October	20.436	20.725	21.392	22.100	25.750	27.000	24.636	28.831	24.928	25.992	26.285	34.938	
November	20.436	20.877	21.379	22.234	28.000	26.700	25.492	27.958	23.879	26.183	26.287	34.655	
December	20.530	20.800	21.335	22.440	28.000	26.650	25.096	27.699	24.418	26.214	26.288	39.975	

<sup>1</sup> - Banker's Association of the Philippines (BAP) reference rates from December 13, 1984 to August 3, 1992; weighted average rate under Philippine Dealing System (PDS) starting August 4, 1992.

Source: Bangko Sentral ng Pilipinas.

**Table 16.21**  
**SELECTED DOMESTIC INTEREST RATES**  
**1985 to 1998**  
**(Weighted averages in percent per annum)**

Period	Manila Reference Rates <sup>1</sup>				Bank Average Lending Rates <sup>2</sup>	Treasury Bill Rates				Reverse RP Term Rates	Interbank Call Loan Rates
	60	90	180	All Maturities		91-Day	182-Day	364-Day	All Maturities		
1989	16.1	15.6	15.5	16.0	19.5	19.3	19.5	20.4	19.7	14.6	15.4
1990	21.3	21.4	20.9	21.3	24.3	23.4	25.2	26.1	24.7	12.7	14.8
1991	19.1	18.3	18.3	17.8	23.5	21.4	22.5	23.9	22.5	13.7	15.7
1992	15.0	14.3	14.3	14.8	19.4	16.1	17.0	18.0	17.0	10.9	16.7
1993	11.4	11.2	10.3	11.3	14.6	12.3	13.1	14.1	13.1	11.2	13.7
1994	11.7	11.4	11.2	11.6	15.0	13.6	13.7	14.0	13.8	17.9	13.4
1995	10.1	9.6	9.6	10.0	14.6	11.3	12.5	13.4	12.5	13.3	12.1
1996	12.0	10.9	10.4	11.7	14.8	12.4	12.9	13.4	13.0	12.2	12.6
January	11.8	10.4	10.0	11.2	15.3	12.5	13.4	14.0	13.4	13.3	14.0
February	12.0	10.6	10.1	11.5	14.3	12.8	13.4	13.8	13.4	13.0	14.1
March	12.0	11.5	10.6	11.9	15.1	13.0	13.6	14.0	13.5	12.7	14.0
April	12.3	11.2	10.6	12.1	14.8	12.9	13.4	13.9	13.5	12.7	13.2
May	12.3	11.4	11.1	12.1	15.5	13.0	13.4	13.9	13.5	12.7	13.1
June	12.3	11.3	10.9	12.0	14.7	12.8	13.3	14.0	13.5	12.6	14.4
July	12.3	11.3	10.8	12.0	15.5	12.6	12.9	13.3	13.1	12.1	12.2
August	12.0	11.8	10.6	11.9	15.1	12.2	12.5	13.1	12.7	11.6	11.4
September	11.9	11.4	10.4	11.7	14.2	11.5	11.9	12.6	12.1	11.5	11.7
October	11.9	11.2	10.4	11.7	14.2	11.6	12.0	12.8	12.3	11.3	11.6
November	11.8	10.9	10.3	11.7	14.4	11.7	12.3	12.7	12.3	11.2	12.5
December	11.8	11.0	10.2	11.6	14.8	11.5	11.9	12.3	12.0	11.1	11.2
1997	13.4	11.1	9.8	13.1	16.2	13.1	13.0	13.6	13.3	11.2	17.9
January	11.5	11.1	9.3	11.2	14.6	10.8	11.2	11.5	11.3	10.7	10.6
February	10.9	9.6	8.6	10.7	12.9	10.7	11.1	11.6	11.2	10.6	10.6
March	10.6	9.4	8.4	10.4	13.7	10.1	10.3	10.8	10.5	10.2	10.2
April	9.5	9.2	7.8	9.4	12.9	10.0	10.4	11.0	10.6	10.1	10.2
May	9.9	9.3	8.8	9.8	13.4	10.9	11.4	11.8	11.5	11.6	15.1
June	10.3	9.9	8.7	10.2	13.3	10.5	10.8	11.2	10.9	10.5	14.4
July	11.4	10.6	9.1	11.2	15.5	12.2	12.6	12.9	12.6	14.6	24.8
August	14.5	11.6	10.9	14.1	18.6	14.2	14.9	15.1	14.7	12.8	18.2
September	15.1	12.4	11.6	14.9	18.2	15.3	15.7	17.1	16.1	13.9	15.7
October	16.4	12.7	12.0	16.2	20.9	16.5	18.0	18.7	17.8	12.7	33.9
November	17.3	14.8	13.3	17.1	20.7	15.9	17.1	18.0	17.1	12.8	16.7
December	18.1	14.8	13.4	17.9	20.4	17.7	19.0	20.0	18.6	12.0	13.6
1998											
January	19.8	14.2	14.9	19.5	21.1	19.1	21.0	22.7	20.5	16.9	13.0
February	18.6	16.2	15.1	18.4	20.0	17.8	19.1	20.6	19.0	15.8	13.5
March	17.6	15.3	13.7	17.4	20.1	16.6	17.4	18.6	17.5	16.1	13.3
April	15.9	14.1	13.4	15.8		15.2	16.7	17.7	16.4	14.4	13.2

1 - Refer to New MRRs computed based on promissory notes and time deposit transactions of sample commercial banks pursuant to Circular 1911 dated November 23, 1988 effective January 13, 1989.

2 - Starting December 1992, monthly rates reflect the annual percentage equivalent of sample commercial banks' actual monthly interest income on their peso-denominated loans to the total outstanding levels of their peso-denominated demand/time loans, bills discounted, mortgage control receivables, restructured loans.

Source: Bangko Sentral ng Pilipinas.

Figure 16.3 TOTAL ASSETS BY INSTITUTIONS: 1997

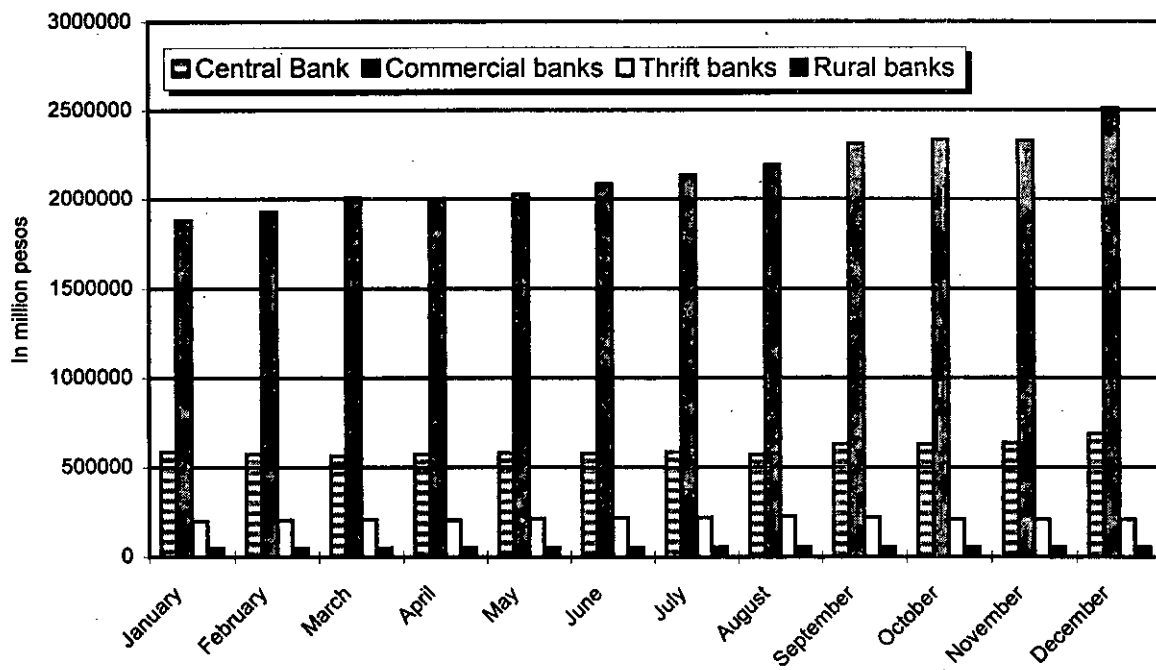
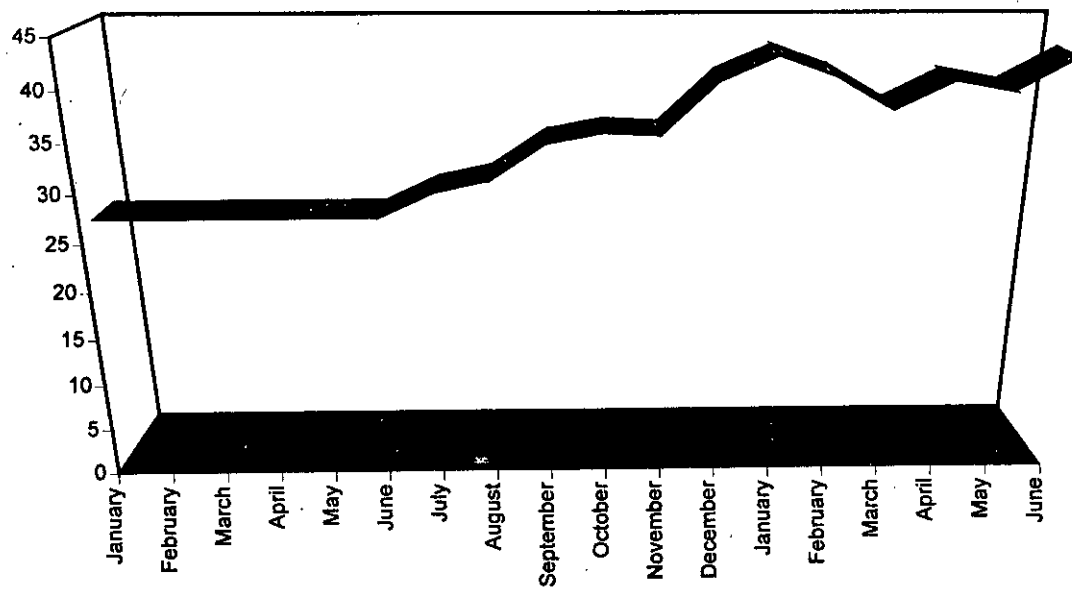


Figure 16.4 PESO PER U.S. DOLLAR RATE: 1997 to June 1998





**Table 16.22**  
**NUMBER OF INSURANCE COMPANIES**  
**1984 to 1996**

Year	Number of Licensed Companies	Composite (Life and Non-Life)	Life				Non-Life				Professional Reinsurers		
			Total	Domestic Philippine National	Domestic Non- Philippine National	Foreign	Total	Domestic Philippine National	Domestic Non- Philippine National	Foreign	Total	Domestic Philippine National	Foreign
1984	130	1	23	19	2	2	101	81	6	14	5	4	1
1985	130	2	22	18	2	2	101	81	6	14	5	4	1
1986	128	2	20	16	2	22	102	83	6	13	4	3	1
1987	131	2	22	18	2	2	103	87	6	10	4	3	1
1988	131	2	23	19	2	2	102	87	5	10	4	3	1
1989	128	2	23	19	2	2	99	84	5	10	4	3	1
1990	130	2	23	19	2	2	101	86	5	10	4	3	1
1991	127	2	22	18	2	2	99	84	5	10	4	3	1
1992	127	2	23	19	2	2	98	85	4	9	4	3	1
1993	127	2	24	20	2	2	97	84	4	9	4	3	1
1994	127	1	25	21	2	2	97	85	5	7	4	3	1
1995	129	1	26	21	3	2	98	88	4	6	4	3	1
1996	134	2	29	22	5	2	99	89	4	6	4	3	1

Source: Insurance Commission.

# 17 PUBLIC ORDER, SAFETY AND JUSTICE

This chapter deals with the statistics on the Criminal Justice System (CJS) in the country. The CJS has five organized components, namely: 1) law enforcement, 2) prosecution, 3) courts, 4) correction and 5) community. These components function in a cooperative venture, towards the fulfillment of an effective, efficient and fair administration of criminal justice.

Statistics on this sector are generated by various agencies under each component of the CJS. These include the following: the Philippine National Police and the National Police Commission gather and compile data on law enforcement; the Department of Justice on prosecution; the Supreme Court of the Philippines on courts; the Bureau of Prisons on correction; and the Department of Interior and Local Government on community. Data on cases handled by the Public Attorney's Office and drug related incidents as reported by the Dangerous Drugs Board are also included in this chapter.

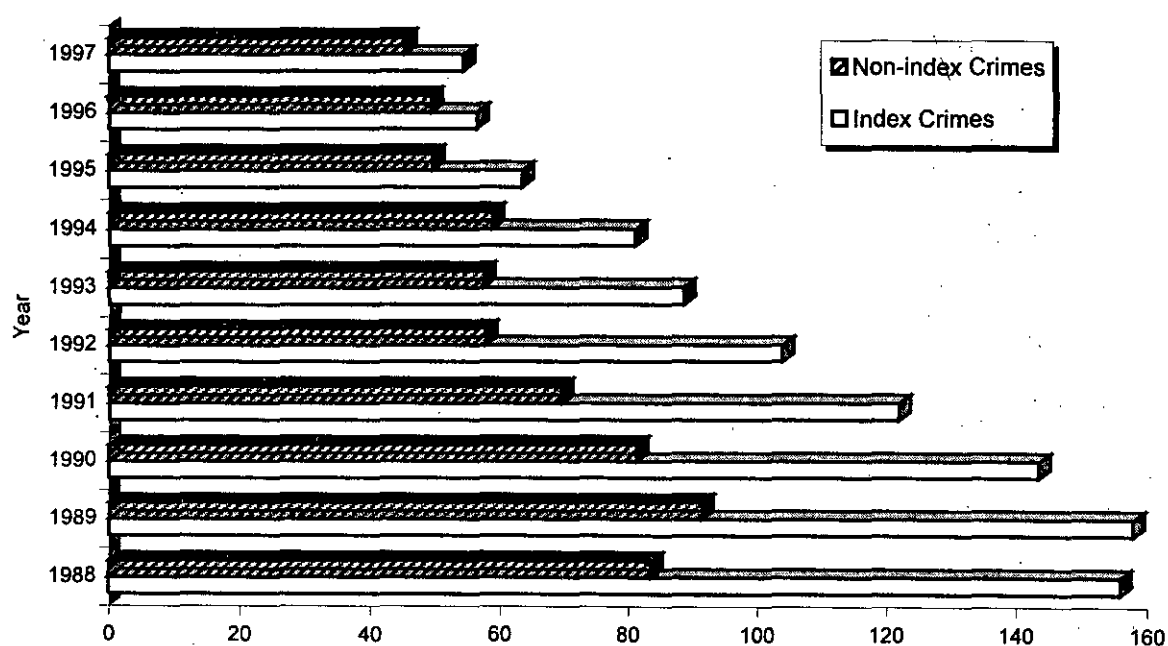
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**Table 17.1**  
**CRIME RATE BY TYPE OF CRIME, PHILIPPINES**  
**1980 to 1997**

Year	Index Crimes			Non-index Crimes			Total		
	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila
1980	139.6	261.4	122.4	135.7	115.0	138.6	275.3	376.4	261.0
1981	159.9	208.5	153.1	128.3	100.0	132.3	288.2	308.5	285.4
1982	168.1	163.9	168.7	134.5	82.1	142.0	302.6	246.0	310.7
1983	178.7	156.3	181.9	129.4	62.4	139.0	308.1	218.7	320.9
1984	186.2	160.8	189.9	127.4	49.6	138.7	313.6	210.4	328.6
1985	184.5	176.0	185.7	126.2	61.6	135.6	310.7	237.6	321.3
1986	152.1	195.2	145.8	80.8	73.7	81.8	232.9	268.9	227.6
1987	144.6	204.9	135.7	72.8	80.7	71.6	217.4	285.6	207.3
1988	155.8	192.2	150.4	83.5	76.0	84.6	239.3	268.2	235.0
1989	157.8	202.9	151.1	91.3	93.1	91.1	249.1	296.0	242.2
1990	143.4	172.2	139.1	81.2	89.1	80.0	224.6	261.3	219.1
1991	121.7	153.1	119.7	69.4	93.2	65.8	191.1	246.3	185.5
1992	103.7	130.5	104.3	57.6	77.3	54.6	161.3	207.8	158.9
1993	88.4	131.5	87.6	57.3	87.2	52.8	145.7	218.7	140.4
1994	80.9	152.9	70.1	58.6	149.9	45.0	139.5	302.9	115.1
1995	63.3	101.6	57.6	49.5	90.0	43.4	112.8	191.6	101.0
1996	56.3	89.5	51.0	49.2	50.2	42.7	105.5	139.7	93.7
1997	54.2	90.4	48.5	45.2	94.5	37.3	99.4	184.9	85.8

Notes: 1. Index crimes include murder, robbery, physical injury, theft and rape. All other crimes are classified as non-index crimes.  
2. All figures were revised due to change in volume of crimes and change in population (July 1 of every year).  
Sources: Philippine National Police and the NSO Population Projections Unit

**Figure 17.1 CRIME RATE BY TYPE OF CRIME: 1988 to 1997**



**Table 17.2**  
**SEVERITY OF TRAFFIC ACCIDENT BY REGION**  
**1997**

Region	Total	Deaths	Injuries	
			Serious	Slight
Philippines	4,613	854	1,562	2,197
National Capital Region	83	21	33	29
Cordillera Administrative Region	0	0	0	0
1 Ilocos Region	59	11	22	26
2 Cagayan Valley	169	46	78	45
3 Central Luzon	478	136	109	233
4 Southern Tagalog	1,080	292	474	314
5 Bicol Region	255	27	0	228
6 Western Mindanao	158	45	38	75
7 Central Mindanao	489	46	164	279
8 Eastern Mindanao	232	58	141	33
9 Western Mindanao	106	25	23	58
10 Northern Mindanao	452	64	147	241
11 Southern Mindanao	429	19	112	298
12 Central Mindanao	178	23	64	91
13 Caraga	420	40	149	231
Autonomous Region for Muslim Mindanao	25	1	8	16

Source: Department of National Defense.

**Table 17.3**  
**NUMBER OF TRAFFIC ACCIDENT BY REGION**  
**1997**

Year	Total	Fatal	Non-Fatal	Property Damage (In Million Pesos)
Philippines	3,177	676	1,819	10,922
National Capital Region	194	24	170	4,554
Cordillera Administrative Region	0	0	0	19
1 Ilocos Region	20	9	11	17
2 Cagayan Valley	105	41	64	52
3 Central Luzon	143	105	38	4
4 Southern Tagalog	338	217	121	42
5 Bicol Region	57	27	30	24
6 Western Mindanao	70	21	49	221
7 Central Mindanao	64	25	39	44
8 Eastern Mindanao	295	41	254	423
9 Western Mindanao	67	26	41	39
10 Northern Mindanao	302	57	245	545
11 Southern Mindanao	429	19	410	4,115
12 Central Mindanao	138	25	113	141
13 Caraga	934	38	225	671
Autonomous Region for Muslim Mindanao	21	1	9	11

Source: Department of National Defense.

**Table 17.4**  
**RATIO OF POLICEMEN AND FIREMEN TO POPULATION**  
**1981 to 1998**

Year	Number of Policemen	Ratio	Number of Firemen	Ratio
1981	47,863	1:1,035	4,973	1:9,961
1982	47,618	1:1,066	6,473	1:7,845
1983	48,225	1:1,079	6,473	1:8,042
1984	46,823	1:1,139	7,887	1:6,764
1985	48,809	1:1,120	7,714	1:7,087
1986	49,522	1:1,131	8,272	1:6,770
1987	50,810	1:1,129	8,654	1:6,628
1988	53,374	1:1,100	8,511	1:6,899
1989	53,300	1:1,128	9,019	1:6,663
1990	55,072	1:1,127	9,015	1:6,683
1991	89,296	1:711	9,368	1:6,775
1992	100,917	1:643	9,282	1:6,604
1993	97,263	1:682	10,279	1:6,455
1994	95,534	1:718	10,699	1:6,414
1995	95,109	1:719	10,732	1:6,369
1996	102,098	1:685	11,506	1:6,079
1997	104,401	1:685	12,308	1:5,812
1998 <sup>a</sup>	103,654	1:706	12,197	1:6,996

Note: Ratio of Population per policeman/fireman.

a - As of June 1998.

Sources: Philippine National Police, Bureau of Fire Protection, and TWG on Population Projections.

**Table 17.5**  
**NUMBER OF RAIDS AND PERSONS ARRESTED ON DRUG INCIDENTS**  
**1981 to 1997**

Year	Raids	Persons Arrested
1981	1,849	3,100
1982	2,222	3,536
1983	1,619	2,421
1984	2,482	2,967
1985	2,206	3,358
1986	1,526	3,442
1987	2,058	3,062
1988	1,621	2,686
1989	1,922	2,781
1990	1,663	2,202
1991	2,156	2,862
1992	1,767	2,324
1993	5,122	6,538
1994	2,282	3,490
1995	2,022	3,113
1996	1,393	2,050
1997	1,849	3,079

Source: Dangerous Drugs Board.

**Table 17.6**  
**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT**  
**1991 to 1997**

Courts	Pending Cases as of 12-31-91	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	12,957	9,753	-
Sandigan Bayan	2,913	1,015	109
Court of Tax Appeals	452	202	-
Regional Trial Courts	158,031	159,965	13,993
Metropolitan Trial Courts	17,337	42,381	2,688
Municipal Trial Courts in Cities	18,774	45,786	4,173
Municipal Trial Courts	36,953	58,561	2,522
Municipal Circuit Trial Courts	24,112	38,427	2,023
Shari'a District Courts	81	33	8
Shari'a Circuit Courts	235	163	16
<b>Total</b>	<b>271,845</b>	<b>356,286</b>	<b>25,532</b>

Courts	Pending Cases as of 12-31-92	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	13,400	9,228	-
Sandigan Bayan	3,162	1,663	319
Court of Tax Appeals	530	157	-
Regional Trial Courts	175,185	201,145	16,085
Metropolitan Trial Courts	17,286	49,802	2,689
Municipal Trial Courts in Cities	19,421	45,353	4,375
Municipal Trial Courts	38,396	63,127	2,717
Municipal Circuit Trial Courts	24,370	39,123	2,522
Shari'a District Courts	90	40	10
Shari'a Circuit Courts	254	182	8
<b>Total</b>	<b>292,094</b>	<b>409,820</b>	<b>28,725</b>

Courts	Pending Cases as of 12-31-93	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	14,024	9,502	-
Sandigan Bayan	3,683	1,736	131
Court of Tax Appeals	541	134	-
Regional Trial Courts	230,305	152,505	14,330
Metropolitan Trial Courts	21,749	98,330	2,595
Municipal Trial Courts in Cities	24,602	81,901	3,997
Municipal Trial Courts	44,109	75,001	6,056
Municipal Circuit Trial Courts	27,025	44,658	2,794
Shari'a District Courts	103	51	21
Shari'a Circuit Courts	208	236	10
<b>Total</b>	<b>366,349</b>	<b>464,054</b>	<b>29,934</b>

Table 17.6 (continued)

Case rec'd from other Sala/Courts	Case Outflow			Pending Cases as of 12-31-92
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	
-	9,310	-	-	13,400
-	875	-	-	3,162
-	124	-	-	530
6,118	103,110	51,146	8,666	175,185
746	25,103	19,740	1,023	17,286
581	33,057	16,021	815	19,421
602	39,094	9,742	11,406	38,396
389	27,451	5,774	7,356	24,370
1	27	5	1	90
25	129	9	47	254
8,462	238,280	102,437	29,314	292,094

Case rec'd from other Sala/Courts	Case Outflow			Pending Cases as of 12-31-93
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	
-	8,604	-	-	14,024
-	1,461	-	-	3,683
-	146	-	-	541
15,458	118,400	40,489	18,679	230,305
885	28,536	19,071	1,306	21,749
927	31,459	12,909	1,106	24,602
836	38,954	8,380	13,633	44,109
731	26,309	4,589	8,823	27,025
1	29	8	1	103
-	205	27	4	208
18,838	254,103	85,473	43,552	366,349

Case rec'd from other Sala/Courts	Case Outflow			Pending Cases as of 12-31-94
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	
-	8,432	-	-	15,094
-	1,932	-	-	3,618
-	190	-	-	485
20,654	132,554	33,708	34,925	216,607
2,395	39,285	16,813	3,923	65,048
2,749	45,806	8,831	2,137	56,475
5,440	45,340	6,495	12,218	66,553
1,782	31,197	4,239	8,973	31,850
2	38	16	-	123
3	222	29	2	204
33,025	304,996	70,131	62,178	456,057



**Table 17.6 (continued)**  
**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT**  
**1991 to 1997**

Courts	Pending Cases as of 12-31-94	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	15,094	9,189	-
Sandigan Bayan	3,618	1,329	245
Court of Tax Appeals	485	132	-
Regional Trial Courts	216,607	119,568	14,902
Metropolitan Trial Courts	65,048	107,597	3,752
Municipal Trial Courts in Cities	56,475	105,082	4,522
Municipal Trial Courts	66,553	80,025	4,628
Municipal Circuit Trial Courts	31,850	44,238	3,336
Shari'a District Courts	123	49	4
Shari'a Circuit Courts	204	207	40
<b>Total</b>	<b>456,057</b>	<b>467,416</b>	<b>31,429</b>

Courts	Pending Cases as of 12-31-95	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	15,325	6,684	-
Sandigan Bayan	2,540	428	15
Court of Tax Appeals	426	144	-
Regional Trial Courts	194,939	135,032	10,443
Metropolitan Trial Courts	82,148	144,221	5,069
Municipal Trial Courts in Cities	83,878	141,421	5,414
Municipal Trial Courts	77,133	82,304	3,126
Municipal Circuit Trial Courts	36,311	38,875	1,637
Shari'a District Courts	135	35	21
Shari'a Circuit Courts	193	210	23
<b>Total</b>	<b>493,028</b>	<b>549,354</b>	<b>25,748</b>

Courts	Pending Cases as of 12-31-96	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	15,613	8,963	-
Sandigan Bayan	2,752	884	32
Court of Tax Appeals	391	117	-
Regional Trial Courts	198,914	148,616	11,081
Metropolitan Trial Courts	133,490	199,634	4,683
Municipal Trial Courts in Cities	130,261	159,593	6,828
Municipal Trial Courts	99,210	121,653	3,238
Municipal Circuit Trial Courts	41,749	53,153	2,070
Shari'a District Courts	150	46	1
Shari'a Circuit Courts	218	281	2
<b>Total</b>	<b>622,748</b>	<b>692,940</b>	<b>27,935</b>

Source: Supreme Court of the Philippines.

Table 17.6 (continued)

Case rec'd from other Sala/ Courts	Case Outflow			Pending Cases as of 12-31-95
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/ Courts	
-	8,958	-	-	15,325
-	2,652	-	-	2,540
-	191	-	-	426
14,288	105,228	45,804	16,889	194,939
2,405	42,598	49,419	3,261	82,148
3,714	51,404	30,843	4,398	83,878
2,933	45,978	17,632	11,295	77,133
956	29,130	7,495	7,040	36,311
-	38	3	-	135
17	188	67	16	193
24,313	286,365	151,263	42,899	493,028

Case rec'd from other Sala/ Courts	Case Outflow			Pending Cases as of 12-31-96
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/ Courts	
-	6,396	-	-	15,613
-	231	-	-	2,752
-	179	-	-	391
13,104	104,019	34,520	14,340	198,914
3,157	45,536	49,877	2,631	133,490
4,553	62,349	37,644	4,450	130,261
3,355	42,607	14,191	9,473	99,210
1,807	24,407	5,727	6,183	41,749
14	48	-	1	150
5	158	9	12	218
25,995	285,930	141,968	37,090	622,748

Case rec'd from other Sala/ Courts	Case Outflow			Pending Cases as of 12-31-97
	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/ Courts	
-	8,375	-	-	16,201
-	430	-	-	3,109
-	158	-	-	350
10,655	109,412	31,734	10,762	214,382
7,423	59,812	93,912	2,550	184,982
4,649	76,502	56,504	6,976	160,467
5,217	60,986	20,269	12,707	134,421
1,696	34,194	6,559	8,182	49,366
-	46	-	-	150
38	232	26	8	236
29,678	350,147	209,004	41,185	763,664

Table 17.7

## CASES HANDLED, TERMINATED AND PENDING BY REGION

1992 to 1997

Region	1992			1993			1994		
	Handled	Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	2,267,877	2,203,486	64,391	3,131,841	3,060,317	71,524	483,056	404,330	78,726
Central Office	179,849	178,722	1,127	28,020	26,710	1,310	4,735	4,420	315
NCR	104,434	96,217	8,217	390,888	382,102	8,786	86,014	73,448	12,566
CAR	51,120	49,824	1,296	64,524	62,995	1,529	8,517	7,023	1,494
1	200,484	196,385	4,099	348,777	343,248	5,529	58,465	53,786	4,679
2	112,738	110,017	2,721	169,611	167,447	2,164	26,854	24,074	2,780
3	264,663	256,960	7,703	334,713	326,890	7,823	56,701	48,133	8,568
4	385,894	376,469	9,425	547,095	536,109	10,986	92,456	78,829	13,627
5	124,669	119,241	5,428	168,940	162,655	6,285	26,004	19,491	6,513
6	103,395	99,253	4,142	159,868	155,449	4,419	17,721	13,492	4,229
7	102,014	98,235	3,779	112,646	108,607	4,039	16,702	12,563	4,239
8	101,808	98,806	3,002	118,840	115,009	3,831	14,114	10,755	3,359
9A	6,827	6,370	457	6,930	6,710	220	1,130	787	343
9B	71,378	70,028	1,350	86,433	84,605	1,828	7,631	5,585	2,046
10	194,654	189,446	5,208	258,847	254,920	3,927	23,583	20,004	3,479
11	149,023	144,988	4,035	219,628	213,573	6,055	33,169	25,891	7,278
12	114,927	112,525	2,402	116,081	113,288	2,793	9,260	6,049	3,211
Region	1995			1996			1997		
	Handled	Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	571,202	489,759	81,443	367,231	276,470	88,400	382,500	280,613	104,887
Central Office	1,645	1,041	604	2,361	1,863	498	...	...	...
NCR	108,171	96,847	11,324	95,381	79,859	13,161	98,278	81,790	16,488
CAR	7,909	6,028	1,881	7,208	5,621	1,587	6,621	5,168	1,453
1	61,023	55,229	5,794	27,550	21,023	6,527	27,128	20,069	7,059
2	34,598	31,303	3,295	22,030	17,999	4,031	10,825	7,877	2,948
3	73,208	65,304	7,904	38,178	28,480	9,698	47,454	37,248	10,206
4	124,323	110,855	13,468	51,972	40,853	11,119	58,940	43,235	15,705
5	28,160	21,512	6,648	15,416	7,632	7,784	18,338	9,607	8,731
6	17,765	12,981	4,784	15,235	9,878	5,357	17,810	11,461	6,349
7	16,396	11,379	5,017	15,342	9,242	6,100	21,516	15,469	6,047
8	13,943	10,876	3,067	10,032	6,831	3,201	8,265	5,020	6,245
9A	1,154	787	367	605	274	331	690	331	359
9B	7,776	5,535	2,241	5,531	2,857	2,674	6,625	3,673	2,952
10	20,837	17,295	3,542	14,035	11,566	2,469	12,556	9,410	3,146
11	44,739	36,525	8,214	36,598	27,462	9,136	35,617	23,327	12,290
12	9,555	6,262	3,293	6,722	3,119	3,603	7,188	3,338	3,850
Caraga	-	-	-	3,035	1,911	1,124	4,649	3,590	1,059

Source: Public Attorney's Office.

**Table 17.8**  
**CLIENTELE ASSISTED BY THE PUBLIC ATTORNEY'S OFFICE**  
**1990 to 1997**

Services	1990	1991	1992	1993	1994	1995	1996	1997
Indigent person served	1,221,325	1,944,586	2,423,683	2,868,513	1,632,516	1,841,530	2,253,692	2,507,150
Detention Prisoners								
Assisted	37,199	36,924	30,900	128,908	103,938	151,964	154,509	165,204
Custodial interrogation	...	26,131	38,547	49,156	50,144	67,017	67,017	72,689
Inquest investigation	...	47,951	69,094	79,752	53,794	84,947	87,492	92,515
Released	31,524	48,565	...	...	...	...	...	...
Youthful offenders								
Assisted	14,953	26,131	...	...	...	...	...	...
Released	33,490	47,951	...	...	...	...	...	...
Prisoners provided counsel	...	48,565	63,783	84,974	106,146	137,488	159,323	170,987
Prisoners provided assistance	...	36,924	30,900	49,446	66,132	80,609	82,302	100,546
Clients benefitted with documentation	134,139	260,229	313,664	458,341	616,236	816,983	352,779	463,523
Beneficiaries of legal counseling	764,063	1,101,615	1,194,665	1,597,315	1,961,474	1,228,359	573,123	582,137
Clients benefitted with administration of oath	36,119	96,198	103,778	145,845	186,138	192,095	132,435	82,082
Beneficiaries of limited services	25,002	102,323	155,806	270,239	346,996	453,481	501,564	546,406

Source: Public Attorney's Office.

# 18 SCIENCE AND TECHNOLOGY

The formulation and development of Science and Technology plans and programmes call for sound and comprehensive information on the country's scientific and technical potential.

This chapter presents statistics currently generated by the Department of Science and Technology (DOST) system and the Bureau of Patents, Trademarks, and Technology Transfer of the Department of Trade and Industry (DTI). The DOST data covers the three broad categories of statistics for the sector, namely: research and experimental development statistics; scientific and technological education and training statistics; and scientific and technological services statistics. The data from the DTI on the other hand, deal with patents granted to local and foreign investors.

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**Table 18.1**  
**DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVESTORS**  
**1980 to 1996**

Year	Total		Invention		Utility Model		Industrial Design	
	Number	%	Number	%	Number	%	Number	%
1980	889	100	93	10.5	520	58.5	276	31.0
1981	741	100	69	9.3	463	62.5	209	28.2
1982	511	100	35	6.8	318	62.2	158	30.9
1983	449	100	52	11.6	288	64.1	109	24.3
1984	358	100	29	8.1	235	65.6	94	26.3
1985	388	100	22	5.7	294	75.8	72	18.6
1986	440	100	36	8.2	278	63.2	126	28.6
1987	473	100	44	9.3	275	58.1	154	32.6
1988	461	100	43	9.3	192	41.6	226	49.0
1989	387	100	37	9.6	192	49.6	158	40.8
1990	388	100	33	8.5	198	51.0	157	40.5
1991	356	100	45	12.6	170	47.8	141	39.6
1992	373	100	45	12.1	145	38.9	183	49.1
1993	516	100	35	6.8	260	50.4	221	42.8
1994	651	100	36	5.5	127	19.5	488	75.0
1995	555	100	34	6.1	221	39.8	300	54.1
1996	397	100	23	5.8	177	44.6	197	49.6

Source: Bureau of Patents, Trademarks, and Technology Transfer, Department of Trade and Industry.

**Table 18.2**  
**DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVESTORS**  
**1980 to 1996**

Year	Total		Invention		Utility Model		Industrial Design	
	Number	%	Number	%	Number	%	Number	%
1980	885	100	811	91.6	14	1.6	60	6.8
1981	806	100	718	89.1	7	0.9	81	10.0
1982	623	100	525	84.3	3	0.5	95	15.2
1983	1,300	100	1,228	94.5	7	0.5	65	5.0
1984	1,120	100	1,098	98.0	2	0.2	20	1.8
1985	1,307	100	1,259	96.3	8	0.6	40	3.1
1986	1,326	100	1,272	95.9	8	0.6	46	3.5
1987	1,307	100	1,182	90.4	7	0.5	118	9.0
1988	1,198	100	1,142	95.3	5	0.4	51	4.3
1989	1,207	100	1,064	88.2	4	0.3	139	11.5
1990	1,257	100	1,059	84.2	3	0.2	195	15.5
1991	1,093	100	899	82.3	7	0.6	187	17.1
1992	1,139	100	1,003	88.1	8	0.7	128	11.2
1993	1,029	100	905	87.9	3	0.3	121	11.8
1994	881	100	766	86.9	8	0.9	107	12.1
1995	755	100	555	73.5	3	0.4	197	26.1
1996	849	100	755	88.9	10	1.2	84	9.9

Source: Bureau of Patents, Trademarks, and Technology Transfer, Department of Trade and Industry.

**Table 18.3**  
**NUMBER OF TECHNOLOGIES COMMERCIALIZED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 to 1996**

Year	New	Existing
1990	22	68
1991	7	68
1992	14	86
1993	16	96
1994	9	91
1995	7	73
1996	4	81

Note: 1996 figures are based on preliminary estimates as of April 1997.

Source: DOST Councils, Institutes and attached Agencies.

**Table 18.4**  
**NUMBER OF TECHNOLOGIES DIFFUSED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 to 1994**

Year	New	Existing
1990	118	288
1991	114	400
1992	65	291
1993	48	330
1994	50	344

Note: 1994 figures are based on preliminary estimates as of May 1995.

Source: DOST Councils, Institutes and attached Agencies.

**Table 18.5**  
**NUMBER of R & D PROJECTS COMPLETED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 to 1996**

Year	Supported/Assisted <sup>1</sup>	Implemented
1990	407	245
1991	220	171
1992	107	108
1993	95	101
1994	108	178
1995	79	123
1996	69	104

1 - Beneficiaries may be outside the DOST system.

Note: 1996 figures are based on preliminary estimates as of April 1997.

Source: DOST Councils, Institutes and attached Agencies.



**Table 18.6**  
**NUMBER OF RESEARCHES CONTRACTED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM WITH THE**  
**PRIVATE SECTOR**  
**1990 to 1996**

Year	New	On-going <sup>1</sup>	Completed
1990	73 <sup>a</sup>	87 <sup>a</sup>	...
1991	16	20	20
1992	9	9	2
1993	21	15	3
1994	14	8	19
1995	19	3	4
1996	17	8	19

Note: 1996 figures are based on preliminary estimates as of April 1997.

1 - as of December 31.

a - includes joint ventures; breakdown not available.

Source: DOST Councils, Institutes and attached Agencies.

**Table 18.7**  
**NUMBER OF JOINT VENTURES BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 to 1994**

Year	New	On-going <sup>1</sup>	Completed
1990	73 <sup>a</sup>	87 <sup>a</sup>	...
1991	102	22	19
1992	75	24	89
1993	55	29	56
1994	112	22	116

Note: 1994 figures are based on preliminary estimates as of May 1995.

1 - as of December 31.

a - includes contract researches; breakdown not available.

Source: DOST Councils, Institutes and attached Agencies

**Table 18.8**  
**NUMBER OF SCHOLARSHIPS AWARDED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 to 1997**

Year	New	On-going <sup>1</sup>	Completed
1990	617	2,291	...
1991	753	2,423	459
1992	738	1,929	491
1993	1,130	2,910	581
1994	1,339	2,427	652
1995	2,760	3,278	667
1996	3,995	4,826	1,190
1997	4,714	7,286	1,185

1 - as of December 31.

Source: DOST Councils, Institutes and attached Agencies.

**Table 18.9**  
**DISTRIBUTION OF EXPENDITURES OF THE DOST SYSTEM BY FUNCTION**  
**1996**  
(In thousand pesos)

Major Function	Total	Councils	Research and Development Institutes	Services Group
1996	2,782,329.5	240,642.8	551,726.8	1,989,959.9
Research and Development	510,495.6	91,742.4	289,575.7	129,177.5
Technology Delivery	155,218.2	9,235.4	13,966.1	132,016.7
Scientific and Technological Services	561,945.5	15,070.9	105,811.8	441,062.8
Scientific and Technical Education and Training	990,636.7	22,463.9	8,907.6	959,265.2
Development Integration and Coordination of the National Research for S&T System	71,278.2	45,328.2	0	25,950.0
General Administration and Support Services	492,755.3	56,802.0	133,465.5	302,487.8

Sources: DOST Councils, RDIs, Service Agencies, and Regional Offices.

**Table 18.10**  
**NATIONAL R&D EXPENDITURES BY SECTOR <sup>P</sup>**  
**1989 to 1992**  
(At current prices, in million pesos)

Sector	1989	1990	1991	1992
Total	1,638.70	1,654.74	1,968.68	2,940.55
Government	1,080.11	934.55	1,260.96	2,088.82
Government agencies	903.50	705.91	1,019.63	1,728.35
State colleges and universities	176.61	228.64	241.33	360.47
Private	558.59	720.20	707.72	851.73
Private industry	393.49	511.26	523.29	642.10
Non-government organization	130.87	162.78	135.71	136.87
Private colleges and universities	34.23	46.15	48.72	72.77

p - All figures are preliminary as of February 1995.

Source: Department of Science and Technology.

**Table 18.11**  
**NATIONAL R&D EXPENDITURES BY SECTOR <sup>P</sup>**  
**1989 to 1992**  
(At current prices, in million pesos)

Sector	1989	1990	1991	1992
Total	1,638.70	1,654.74	1,968.68	2,940.55
Higher education	210.84	274.79	290.05	433.23
Government	903.50	705.91	1,019.63	1,728.35
Non-government	130.87	162.78	135.71	136.87
Private industry	393.49	511.26	523.29	642.10

p - All figures are preliminary as of February 1995.

Source: Department of Science and Technology.

**Table 18.12**  
**NATIONAL R&D EXPENDITURES BY TYPE OF RESEARCH**  
**AND BY SECTOR OF PERFORMANCE <sup>p</sup>**  
**1989 to 1992**  
**(At current prices, in million pesos)**

Sector/Type of Research	1989	1990	1991	1992
Total	1,638.70	1,654.74	1,968.68	2,940.55
Basic research	317.50	417.96	568.83	714.22
Applied research	947.43	745.91	973.09	1,647.17
Experimental development	373.76	490.87	426.75	579.16
Higher education	210.84	274.79	290.05	433.23
Basic research	76.56	108.02	109.64	163.76
Applied research	104.15	124.80	137.48	205.35
Experimental development	30.13	41.97	42.93	64.12
Government	903.50	705.91	1,019.63	1,728.35
Basic research	217.10	276.91	413.98	501.52
Applied research	637.21	368.54	522.25	1,130.49
Experimental development	49.19	60.46	83.40	96.33
Non-government organizations	130.87	162.78	135.71	136.87
Basic research	11.10	15.02	21.69	18.90
Applied research	21.53	33.06	57.42	47.47
Experimental development	98.24	114.70	56.60	70.49
Private industry	393.49	511.26	523.29	642.10
Basic research	12.75	18.02	23.53	30.03
Applied research	184.54	219.51	255.94	263.85
Experimental development	196.20	273.74	243.82	348.22

p - All figures are preliminary as of February 1995.

Details may not add to totals up due to rounding.

Source: Department of Science and Technology.

**Table 18.13**  
**NATIONAL R&D EXPENDITURES BY FIELD OF ACTIVITY**  
**AND BY SECTOR OF PERFORMANCE <sup>p</sup>**  
**1989 to 1992**  
**(At current prices, in million pesos)**

Sector/Field of Activity	1989	1990	1991	1992
<b>Total</b>	<b>1,638.70</b>	<b>1,654.74</b>	<b>1,968.68</b>	<b>2,940.55</b>
Agricultural science	491.11	589.40	774.78	936.05
Engineering and technology	324.72	277.49	335.78	570.78
Medical science	155.68	185.59	193.98	236.90
Natural science	298.14	324.71	403.53	588.56
Social science	286.30	238.47	212.43	434.00
Humanities	20.02	23.35	29.89	56.30
Others	62.73	15.73	18.28	117.97
<b>Higher education</b>	<b>210.84</b>	<b>274.79</b>	<b>290.05</b>	<b>433.23</b>
Agricultural science	86.30	105.55	115.09	171.91
Engineering and technology	17.47	20.29	22.72	33.94
Medical science	4.20	5.36	5.71	8.53
Natural science	46.93	62.49	65.25	97.47
Social science	42.43	59.88	60.78	90.79
Humanities	10.99	17.69	16.90	25.24
Others	2.52	3.53	3.59	5.37
<b>Government</b>	<b>903.50</b>	<b>705.91</b>	<b>1,019.63</b>	<b>1,728.35</b>
Agricultural science	188.36	229.01	352.57	426.39
Engineering and technology	193.87	105.52	136.78	332.20
Medical science	126.08	150.95	155.45	188.58
Natural science	175.83	141.20	253.70	362.16
Social science	163.21	72.53	105.37	289.37
Humanities	6.30	2.58	9.55	26.29
Others	49.87	4.11	6.21	103.37
<b>Non-government</b>	<b>130.87</b>	<b>162.78</b>	<b>135.71</b>	<b>136.87</b>
Agricultural science	16.34	20.62	23.43	36.99
Engineering and technology	10.63	12.17	21.31	16.65
Medical science	4.37	4.78	6.65	9.36
Natural science	6.37	12.16	32.74	16.07
Social science	80.64	102.57	40.66	45.17
Humanities	2.74	3.07	3.45	4.77
Others	9.79	7.41	7.47	7.86
<b>Private industry</b>	<b>393.49</b>	<b>511.26</b>	<b>523.29</b>	<b>642.10</b>
Agricultural science	200.11	234.22	283.68	300.77
Engineering and technology	102.75	139.52	154.97	188.00
Medical science	21.04	24.50	26.17	30.43
Natural science	69.02	108.85	51.85	112.86
Social science	0.02	3.50	5.62	8.67
Humanities	0.00	0.01	-	-
Others	0.55	0.68	1.01	1.38

p - All figures are preliminary as of February 1995.  
Details may not add up due to rounding.  
Source: Department of Science and Technology.

**Table 18.14**  
**NATIONAL R&D PERSONNEL BY TYPE OF INVOLVEMENT AND BY SEX <sup>P</sup>**  
**1989 to 1992**

Type of Involvement	1989			1990			1991			1992		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Total	14,209	6,725	7,484	14,381	6,787	7,594	15,343	7,240	8,103	15,610	7,407	8,203
Full-time	8,591	4,035	4,556	8,555	3,976	4,579	9,480	4,423	5,057	9,719	4,582	5,137
Part-time	5,618	2,690	2,928	5,826	2,811	3,015	5,863	2,817	3,046	5,891	2,825	3,066

p - All figures are preliminary as of February 1995.  
Source: Department of Science and Technology.

**Table 18.15**  
**NATIONAL R&D PERSONNEL BY SECTOR OF PERFORMANCE AND BY SEX <sup>P/</sup>**  
**1989 to 1992**

Sector	1989			1990			1991			1992		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Total	14,209	6,725	7,484	14,381	6,787	7,594	15,343	7,240	8,103	15,610	7,407	8,203
Higher Education	6,772	3,362	3,410	6,824	3,389	3,435	6,876	3,414	3,462	6,929	3,441	3,488
Government	4,948	2,387	2,561	5,034	2,424	2,610	5,919	2,844	3,075	6,065	2,959	3,106
Non-government	843	466	377	893	498	395	896	502	394	922	514	408
Private industry	1,646	510	1,136	1,630	476	1,154	1,652	480	1,172	1,694	493	1,201

p - All figures are preliminary as of February 1995.  
Source: Department of Science and Technology.

**Table 18.16**  
**NATIONAL R&D PERSONNEL BY CATEGORY OF PERSONNEL AND BY SEX \***  
**1989 to 1992**

Sector	1989			1990			1991			1992		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Total	14,209	6,725	7,484	14,381	6,787	7,594	15,343	7,240	8,103	15,610	7,407	8,203
Scientists and Engineers	9,029	4,808	4,221	9,258	4,890	4,368	9,767	5,149	4,618	9,960	5,260	4,700
Agricultural science	2,679	1,156	1,523	2,746	1,176	1,570	3,029	1,319	1,710	3,076	1,339	1,737
Engineering & technology	1,424	566	858	1,480	559	921	1,540	591	949	1,596	620	976
Medical science	849	546	303	922	589	333	903	580	323	969	620	349
Natural science	1,534	950	584	1,527	945	582	1,568	958	610	1,588	978	610
Social science	2,003	1,256	747	2,061	1,297	764	2,185	1,369	816	2,185	1,371	814
Humanities	439	271	168	435	270	165	451	276	175	454	278	176
Others	124	76	48	114	70	44	121	74	47	122	73	49
Technicians	1,241	319	922	1,228	280	948	1,381	379	1,002	1,399	374	1,025
Auxilliary personnel	2,894	1,149	1,745	2,852	1,177	1,675	3,182	1,291	1,891	3,219	1,338	1,881
Unclassified personnel	1,045	449	596	1,043	440	603	1,013	421	592	1,032	435	597

\* Results of the 1993 National Survey of Scientific and Technological Activities.

Note: For scientists and engineers, details may be greater than the total since there were personnel engaged in more than one field of scientific activity.

Source: Department of Science and Technology.

**Table 18.17**  
**INFORMATION TECHNOLOGY MANPOWER RESOURCES IN THE**  
**NATIONAL GOVERNMENT**  
**1996 and 1997**

Description	Number
1996 <sup>a</sup>	3,604
Information technology management	317
Information technology professionals	1,100
Information technology technicians	2,187
1997 <sup>b</sup>	11,155
IS Planner/MIS Head	152
Database administrator	124
Network manager	77
Programmer	789
Systems Analysis	401
Researcher	657
Computer operator	7,262
Computer technician	96
Data encoder	1,509
Information technology officer	33
Computer maintenance technologist	20
Data controller	32
Computer librarian	3

<sup>a</sup> - 124 agencies responded; 38% of 324 National Government Agencies.

<sup>b</sup> - 194 agencies responded; 50% of 390 National Government Agencies.

Source: National Computer Center.

# 19 INTERNATIONAL STATISTICS

This chapter provides a picture of world developments through statistics covering selected countries of the world. These have become very important and so widely used. Each country has recognized increasingly the scope and relevance of its statistics to those of the others in the analysis of its domestic economy. International statistics even bear greater significance in the determination, evaluation and implementation of foreign policy. They provide the necessary information that indicates how a domestic economy is performing in comparison to others.

For selected statistics on population, growth of Gross Domestic Product (GDP) GDP by kind of economic activity and expenditure, index numbers of food, total agricultural production, index numbers of per capita food and total agricultural production by region data were gathered from the 1995 United Nations Statistical Yearbook. For comparison with other Asian countries in the region, data on GDP, gross domestic investment and savings, resource gap, inflation rate, merchandise exports and imports, current account balance, and debt service ratio were taken from the Asian Development Outlook 1998. Demographic indicators of selected Asian countries were taken from the Key Indicators of Developing Asia and Pacific Countries, 1997.

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**Table 19.1**  
**POPULATION, RATE OF INCREASE, BIRTH AND DEATH RATES,**  
**SURFACE AREA AND DENSITY FOR THE WORLD,**  
**MACRO REGIONS AND REGIONS: SELECTED YEARS**

Macro Regions and Regions	Population (Mid-Year Estimates) (in million)						Annual Rate of increase %	Birth Rate (0/000)	Death Rate (0/000)	Surface Area ( <sup>000</sup> ) (km <sup>2</sup> )	Density <sup>1</sup>
	1970	1975	1980	1985	1990	1995	1990-95	1990-95	1990-95	1995	1995
World Total	3,697	4,076	4,444	4,846	5,282	5,717	1.6	25	9	135,641	42
AFRICA	364	414	476	549	633	728	2.8	42	14	30,306	24
Eastern Africa	110	125	145	168	196	227	3.0	46	16	6,356	36
Middle Africa	40	45	52	61	70	82	3.1	46	15	6,613	12
Northern Africa	85	96	110	126	143	161	2.3	31	9	8,525	19
Southern Africa	25	29	33	38	42	47	2.3	32	9	2,675	18
Western Africa	104	118	135	156	181	211	3.0	46	16	6,138	34
NORTHERN AMERICA <sup>2</sup>	226	239	252	265	278	293	1.0	16	9	21,517	14
LATIN AMERICA	283	320	358	398	440	482	1.8	26	7	20,533	23
Caribbean	25	27	29	31	34	36	1.3	24	8	235	152
Central America	67	78	89	101	113	126	2.2	30	6	2,480	51
South America	191	214	240	267	293	320	1.7	25	7	17,819	18
ASIA <sup>3</sup>	2,147	2,406	2,642	2,904	3,186	3,458	1.6	25	8	31,764	109
Eastern Asia	987	1,097	1,179	1,259	1,352	1,424	1.0	18	7	11,762	121
Southern Asia	788	886	990	1,113	1,243	1,381	2.1	31	10	10,776	128
Southeastern Asia	287	324	360	401	442	484	1.8	27	8	4,495	108
Western Asia <sup>3</sup>	86	99	113	131	149	168	2.4	32	7	4,731	36
EUROPE <sup>3</sup>	656	676	693	706	722	727	0.2	12	11	22,986	32
OCEANIA <sup>2</sup>	19.3	21.4	22.7	24.5	26.4	28.5	1.5	19	8	8,537	3
Australia and New Zealand	15.4	17.0	17.7	18.9	20.2	21.7	1.4	15	8	7,984	3
Melanesia	3.3	3.7	4.2	4.7	5.2	5.8	2.2	32	9	541	11
Micronesia	0.2	0.3	0.3	0.4	0.4	0.5	2.3	33	6	3	161
Polynesia	0.4	0.4	0.5	0.5	0.5	0.6	1.5	31	6	9	66

<sup>1</sup> Population per square kilometre of surface area. Figures are merely the quotients of population divided by surface area and are not to be considered as either reflecting density in the urban sense or as indicating the supporting power of a territory's land and resources.

<sup>2</sup> Hawaii, a state of the United States of America, is included in Northern America rather than Oceania.

<sup>3</sup> The European portion of Turkey is included in Western Asia rather than Europe.

Source: 1995 United Nations Statistical Yearbook.

**Table 19.2**  
**INDEX NUMBERS OF FOOD AND TOTAL AGRICULTURAL PRODUCTION**  
**1987 to 1996**  
**(1989-91 = 100)**

Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
--------	------	------	------	------	------	------	------	------	------	------

**A. FOOD PRODUCTION**

World	93	95	98	101	101	104	104	108	111	114
Africa	89	94	97	98	105	103	107	110	110	118
North America	96	90	98	101	101	108	101	114	109	115
South America	92	97	99	99	102	105	106	113	118	122
Asia	89	93	96	101	103	108	114	120	127	130
Europe	99	99	100	100	100	98	96	94	95	96
Oceania	96	100	99	101	101	109	114	109	119	116
former USSR <sup>1</sup>	99	99	105	105	91	...	...	...	...	...

**B. TOTAL AGRICULTURAL PRODUCTION**

World	93	95	98	101	101	103	104	108	110	113
Africa	89	94	97	98	104	103	106	108	109	117
North America	96	91	97	101	101	108	101	114	109	115
South America	93	97	99	99	102	104	105	111	116	119
Asia	89	93	96	101	103	108	113	119	126	128
Europe	100	99	100	100	100	98	96	93	94	96
Oceania	98	102	98	100	101	108	110	107	114	111
former USSR <sup>1</sup>	99	100	105	104	91	...	...	...	...	...

<sup>1</sup> For information on recent changes in country or area nomenclature pertaining to former Czechoslovakia, Germany, Hongkong Special Administrative Region of China, SFR Yugoslavia and former USSR.

Source: 1995 United Nations Statistical Yearbook.

**Table 19.3**  
**INDEX NUMBERS OF PER CAPITA TOTAL AGRICULTURAL AND FOOD PRODUCTION**  
**1987 to 1996**  
**(1989-91 = 100)**

Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
--------	------	------	------	------	------	------	------	------	------	------

**A. PER CAPITA FOOD PRODUCTION**

World	98	98	100	101	99	100	100	102	103	104
Africa	97	99	100	98	102	98	99	98	96	100
North America	99	93	99	101	100	105	97	108	102	106
South America	97	100	101	99	100	102	101	105	109	111
Asia	94	97	98	101	101	104	108	113	118	119
Europe	101	99	101	100	100	97	95	93	93	95
Oceania	100	103	100	100	100	106	110	103	112	107
former USSR <sup>1</sup>	101	101	105	105	90	...	...	...	...	...

**B. PER CAPITA TOTAL AGRICULTURAL PRODUCTION**

World	98	98	100	101	100	100	99	101	102	104
Africa	97	99	100	98	102	97	98	97	95	100
North America	100	93	99	101	100	105	97	108	102	106
South America	98	101	100	99	101	101	100	104	107	108
Asia	94	97	98	101	101	104	108	112	116	117
Europe	101	100	101	100	100	97	95	93	93	95
Oceania	102	105	100	100	100	105	106	101	107	103
former USSR <sup>1</sup>	101	101	105	104	90	...	...	...	...	...

<sup>1</sup> For information on recent changes in country or area nomenclature pertaining to former Czechoslovakia, Germany, Hongkong Special Administrative Region of China, SFR Yugoslavia and former USSR.

Source: 1995 United Nations Statistical Yearbook.

**Table 19.4**  
**GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Growth rate: percent per annum)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	14.2	13.5	12.6	10.5	9.6	8.8	7.2	6.8
Hong Kong	6.3	6.1	5.4	3.9	5.0	5.2	3.0	3.5
Republic of Korea	5.1	5.8	8.6	8.9	7.1	5.5	1.0	3.1
Singapore	6.3	10.4	10.5	8.7	6.9	7.8	3.0	4.5
Taipei, China	6.8	6.3	6.5	6.0	5.7	6.8	5.8	6.2
Indonesia	7.2	7.3	7.5	8.2	8.0	4.6	3.0	1.0
Malaysia	7.8	8.3	9.2	9.5	8.6	7.5	3.5	4.5
Philippines	0.3	2.1	4.4	4.8	5.7	5.1	2.4	4.0
Thailand	8.1	8.7	8.6	8.8	5.5	-0.4	3.0	1.0
Viet Nam	8.6	8.1	8.8	9.5	9.3	9.2	5.0	6.5
Bangladesh	4.2	4.5	4.2	4.4	5.4	5.7	6.0	6.2

a - projections.

Source : Asian Development Outlook 1998, Asian Development Bank.

**Table 19.5**  
**GROSS DOMESTIC INVESTMENT OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Percentage of GDP)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	37.3	43.5	40.9	40.2	39.2	39.8	39.0	39.0
Hong Kong	28.5	27.6	31.9	34.8	32.3	34.5	31.0	32.0
Republic of Korea	36.6	35.1	36.1	37.0	38.2	34.6	26.4	29.4
Singapore	36.0	37.7	32.7	33.7	35.3	37.4	32.0	33.0
Taipei, China	24.9	25.2	23.9	23.7	21.2	21.8	22.6	23.4
Indonesia	32.4	29.5	32.5	31.9	30.8	31.6	25.0	27.0
Malaysia	35.1	37.8	40.4	43.5	41.5	42.0	40.5	41.5
Philippines	20.8	23.6	23.5	21.6	23.3	23.9	20.0	22.0
Thailand	40.0	39.9	40.3	41.6	41.7	35.0	26.0	29.0
Viet Nam	17.6	24.9	25.5	27.1	27.9	25.4	23.0	25.0
Bangladesh	121.1	14.3	18.1	19.1	17.0	17.4	17.2	18.0

a - projections.

Source : Asian Development Outlook 1998, Asian Development Bank.

**Table 19.6**  
**GROSS DOMESTIC SAVING OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Percentage of GDP)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	38.3	41.5	42.2	41.9	41.4	42.6	39.0	39.0
Hong Kong	33.8	34.6	33.1	30.5	30.7	30.6	30.0	32.0
Republic of Korea	35.2	35.4	36.5	36.8	35.2	34.5	34.9	33.9
Singapore	45.6	46.3	48.8	51.0	51.2	51.8	50.0	50.0
Taipei, China	27.0	27.0	25.8	25.6	25.1	24.7	24.9	25.2
Indonesia	35.3	32.5	32.2	30.6	30.2	31.0	24.0	25.0
Malaysia	36.5	37.7	38.8	39.5	42.6	43.8	42.0	42.5
Philippines	17.0	15.2	17.0	16.8	18.8	19.2	17.0	19.0
Thailand	35.2	35.6	36.0	33.6	33.7	31.0	31.4	32.0
Bangladesh	5.8	7.0	13.4	12.8	7.5	9.0	8.6	8.8

a - projections.

Source : Asian Development Outlook 1998, Asian Development Bank.

**Table 19.7**  
**INFLATION RATE OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Percent change in CPI)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	6.4	14.7	24.1	17.1	8.3	2.8	4.0	6.0
Hong Kong	9.3	8.5	8.1	8.6	6.0	5.7	4.5	5.0
Republic of Korea	6.2	4.8	6.2	4.5	4.9	4.5	9.8	7.2
Singapore	2.3	2.2	3.1	1.7	1.4	2.0	3.2	3.3
Taipei, China	4.5	2.9	4.1	3.7	3.1	0.9	3.2	2.2
Indonesia	7.6	9.6	8.5	9.5	7.9	6.6	20.0	15.0
Malaysia	4.7	3.6	3.7	3.4	3.5	4.0	5.0	4.5
Philippines	8.9	7.6	9.0	8.1	8.4	5.1	10.0	8.0
Thailand	4.1	3.3	5.2	5.8	5.9	5.6	15.0	9.0
Viet Nam	17.6	5.2	14.4	12.7	4.5	3.2	4.0	4.0
Bangladesh	5.1	1.3	1.8	5.2	4.0	3.9	5.5	5.0

a - projections.

Source : Asian Development Outlook 1998, Asian Development Bank.

**Table 19.8**  
**MERCHANDISE EXPORTS OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Growth rate: percent per annum)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	18.1	8.8	35.6	24.9	17.9	20.0	3.0	3.0
Hong Kong	21.2	13.2	11.9	14.8	4.0	4.0	2.2	3.5
Republic of Korea	8.0	7.7	15.7	31.5	4.1	7.2	5.8	5.6
Singapore	8.5	17.0	25.8	21.0	6.4	-3.1	2.0	4.0
Taipei, China	6.9	4.5	9.4	20.0	3.8	5.2	6.8	7.0
Indonesia	14.0	8.3	9.9	18.0	5.8	11.2	5.0	7.0
Malaysia	18.1	16.1	23.1	26.6	7.3	6.0	8.0	10.0
Philippines	11.1	15.8	18.5	29.4	17.7	22.8	21.0	21.0
Thailand	13.7	13.4	22.7	24.8	-1.9	3.2	5.0	8.0
Viet Nam	21.2	20.6	35.8	28.2	41.0	22.2	15.0	16.0
Bangladesh	16.1	19.5	6.0	37.2	12.2	13.7	15.0	16.0

a - projections.

Source: Asian Development Outlook 1998 (Statistical Appendix Tables), Asian Development Bank.

**Table 19.9**  
**MERCHANDISE IMPORTS OF SELECTED ASIAN COUNTRIES**  
**1992 to 1999**  
**(Growth rate: percent per annum)**

Countries	1992	1993	1994	1995	1996	1997	1998 <sup>a</sup>	1999 <sup>a</sup>
People's Republic of China	28.3	34.1	10.4	15.5	19.5	2.5	12.0	12.0
Hong Kong	23.0	12.3	16.7	19.1	3.0	5.1	1.0	6.0
Republic of Korea	1.0	2.3	22.4	32.1	12.2	(2.3)	(12.3)	14.0
Singapore	11.3	17.8	19.8	21.6	5.4	0.1	2.0	4.0
Taipei, China	13.6	7.1	10.4	21.2	(0.1)	10.1	9.5	10.0
Indonesia	7.8	6.0	13.9	26.6	8.1	4.8	(5.0)	2.0
Malaysia	10.1	17.8	28.1	30.4	1.7	7.0	6.0	7.0
Philippines	20.5	21.2	21.2	23.7	20.8	14.0	9.0	10.0
Thailand	6.0	12.2	18.1	31.9	0.6	(9.3)	(15.0)	3.0
Viet Nam	20.4	39.3	48.5	43.8	39.0	(1.6)	5.0	5.0
Bangladesh	0.5	15.5	(7.5)	39.4	17.8	3.0	8.0	10.0

a - projections.

Source: Asian Development Outlook 1998 (Statistical Appendix Tables), Asian Development Bank.

**Table 19.10**
**BALANCE OF PAYMENTS ON CURRENT ACCOUNT<sup>1</sup> OF SELECTED ASIAN COUNTRIES  
1992 to 1999  
(Percent of GDP)**

Countries	1992	1993	1994	1995	1996	1997	1998	1999
People's Republic of China	1.3	(1.9)	1.3	0.2	0.9	2.2	0.9	0.4
Republic of Korea	(1.3)	0.3	(1.0)	(1.8)	(4.8)	(2.0)	6.9	3.4
Singapore	11.4	7.6	17.2	17.0	15.4	15.2	12.9	10.3
Taipei, China	4.0	3.2	2.7	2.1	4.0	2.7	1.5	0.8
Indonesia	(2.0)	(1.2)	(1.6)	(3.1)	(3.4)	(2.7)	(1.6)	2.5
Malaysia	(3.7)	(4.7)	(6.2)	(8.4)	(5.0)	(5.3)	(4.9)	(3.8)
Philippines	(1.6)	(5.5)	(4.6)	(4.4)	(4.7)	(5.2)	(3.8)	(1.3)
Thailand	(5.7)	(5.1)	(5.4)	(7.9)	(7.9)	(4.0)	3.4	2.0
Viet Nam	0.7	(7.5)	(8.6)	(10.1)	(11.2)	(7.7)	(7.0)	(7.0)
Bangladesh	(2.5)	(2.6)	(1.2)	(2.7)	(5.2)	(2.6)	(3.1)	(2.7)

a - projections.

1 - Sum of the balance of trade, net trade in services and income, and net unrequited transfers.

Source : Asian Development Outlook 1997 and 1998 (Statistical Appendix Tables), Asian Development Bank.

**Table 19.11**
**DEBT SERVICE RATIO<sup>1</sup> OF SELECTED ASIAN COUNTRIES  
1992 to 1999  
(Percent of exports of goods and services)**

Countries	1992	1993	1994	1995	1996	1997	1998	1999
People's Republic of China	10.2	11.1	8.9	9.9	10.1	9.8	11.0	11.0
Republic of Korea	-	-	-	-	-	-	-	-
Indonesia	33.0	33.6	30.7	30.9	29.5	30.0	28.0	30.0
Malaysia	6.6	7.8	4.9	...	...	...	...	...
Philippines	17.0	17.1	17.4	15.8	12.0	10.4	11.4	11.0
Thailand	13.7	18.5	11.3	11.4	12.2	25.0	15.0	15.0
Viet Nam	11.3	10.7	5.7	6.3	8.7	11.0	12.0	12.0
Bangladesh	9.0	10.2	11.6	10.3	12.1	11.4	10.7	10.5

a - projections.

1 - Debt service payments consist of principal repayments and interest payments on long-term debt and IMF credit, and interest payments on short-term debt.

Source : Asian Development Outlook 1998 (Statistical Appendix Tables), Asian Development Bank.

**Table 19.12**  
**DEMOGRAPHIC INDICATORS OF SELECTED ASIAN COUNTRIES**  
**1975, 1985, and 1996**

Countries	Population Density (Person/sq km)			Crude Birth Rate (Per 1000 persons)			Crude Death Rate (Per 1000 persons)		
	1975	1985	1996	1975	1985	1996	1975	1985	1996
People's Republic China	97	109	127	26	18	17	9	7	7
Hong Kong	4,231	5,246	5,897	18	14	12	5	5	6 <sup>b</sup>
Republic of Korea	357	412	456	24	21	15	8	6	6 <sup>b</sup>
Singapore	3,645	4,000	4,839	18	17	19	5	5	5
Taipei, China	445	532	594	23	18	16 <sup>b</sup>	5	5	5 <sup>b</sup>
Indonesia	69	86	104	40	32	24 <sup>b</sup>	17	12	8 <sup>b</sup>
Malaysia	37	48	64	31	32	28 <sup>b</sup>	6	5	5 <sup>b</sup>
Philippines	140	182	240	36	33	31	10	8	6 <sup>b</sup>
Thailand	81	101	117	34	26	17	10	8	6 <sup>b</sup>
Viet Nam	144	181	227	41	34	28	16	8	7
Bangladesh	543	676	827	46	40	28	18	15	10

**Table 19.12 (continued)**  
**DEMOGRAPHIC INDICATORS OF SELECTED ASIAN COUNTRIES**  
**1975, 1985, and 1996**

Countries	Infant Mortality Rate (Per 1000 livebirths)			Life Expectancy at Birth (Years)					
				1976 <sup>e</sup>		1985 <sup>c</sup>		1994	
	1975 <sup>e</sup>	1985 <sup>c</sup>	1995	F	M	F	M	F	M
People's Republic China	48	37	26 <sup>n</sup>	65	63	69	67	71	67
Hong Kong	15	9	5	74	68	79	73	82	76
Republic of Korea	47	30	10	64	59	71	65	75	68
Singapore	14	9	4	72	67	75	69	79	75
Taipei, China	14 <sup>f</sup>	7 <sup>g</sup>	5 <sup>i</sup>	73 <sup>f</sup>	68 <sup>f</sup>	76 <sup>g</sup>	71 <sup>g</sup>	78 <sup>i</sup>	72 <sup>i</sup>
Indonesia	114	80	55	50	48	58	54	65	62
Malaysia	32 <sup>f</sup>	17 <sup>g</sup>	11	65	61	70	66	74	69
Philippines	53 <sup>f</sup>	38 <sup>g</sup>	40	60 <sup>f</sup>	57 <sup>f</sup>	65 <sup>g</sup>	61 <sup>g</sup>	69	65
Thailand	65	44	36 <sup>i</sup>	62	58	67	63	72	67
Viet Nam	90	53	40	60	56	66	62	68	64
Bangladesh	140	128	75	44	46	50	50	57	56

a - refers to period 1980-85.

b - refers to 1993.

c - refers to 1989.

d - refers to 1992.

e - refers to 1976.

f - refers to 1990.

g - refers to 1979-75.

h - refers to 1990-95.

i - refers to 1973.

k - refers to 1980.

l - refers to 1994/1995.

m - refers to 1995.

n - refers to 1994.

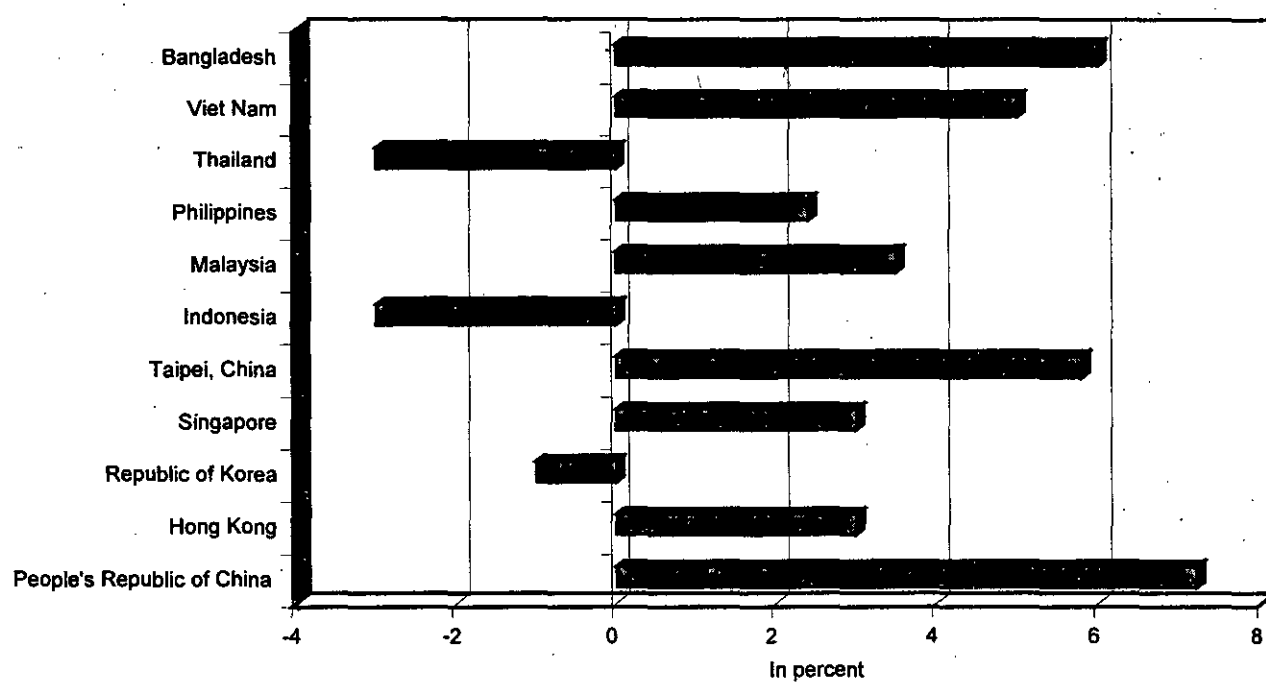
Source : Key Indicators of Developing Asian and Pacific Countries 1997, Asian Development Bank.



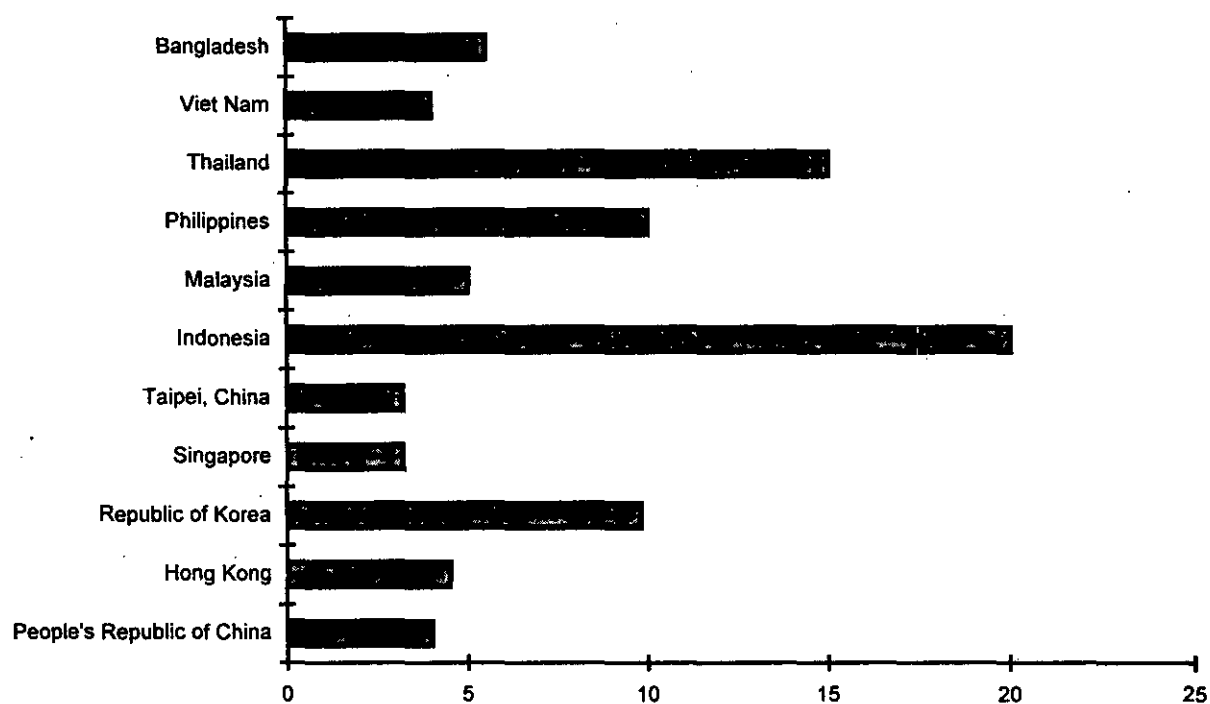
Table 19.12 (continued)

Total Fertility Rate (Births per woman)			Net Reproduction Rate			Contraceptive Prevalence Rate (% of women 15-49 yrs.)		Maternal Moratlity Rate (Per 100,000 live births)		Human Development Index
1975	1985	1996	1975 <sup>g</sup>	1985 <sup>a</sup>	1996 <sup>h</sup>	1985 <sup>a</sup>	1994 <sup>b</sup>	1985 <sup>c</sup>	1996 <sup>d</sup>	1994
3.8	2.3	1.9 <sup>n</sup>	2.0	1.1	0.9	74	83	...	115	0.626
3.0	1.8	1.2	1.4	0.9	0.6	72	81	6	...	0.914
4.0	2.4	1.7	1.7	1.1	0.8	70	77	42	30	0.890
2.8	1.7	1.7	1.2	0.8	0.8	74	...	11	...	0.900
2.8	1.9	1.8	1.4	0.9	0.8 <sup>n</sup>	...	...	...	...	...
5.5	4.1	2.7	1.8	1.6	1.3	40	55	450	390	0.668
5.7	3.7	3.4 <sup>n</sup>	2.2	1.9	1.7	51	56	40	34	0.832
6.4	4.3	4.0	2.2	2.0	1.8	44	40	...	208	0.672
6.3	3.2	2.0 <sup>n</sup>	2.1	1.3	1.0	65	66	270	155	0.833
6.2	4.6	3.1 <sup>n</sup>	2.2	2.0	1.7	20	53	...	...	0.557
6.6	5.7	3.8 <sup>n</sup>	2.3	2.1	1.7	25	40	...	449 <sup>n</sup>	0.368

**Figure 19.1 GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES: 1998**



**Figure 19.2 INFLATION RATE OF SELECTED ASIAN COUNTRIES: 1998**



# APPENDIX

## GLOSSARY OF TERMS

**ACTUAL STRIKE** - any temporary stoppage of work by the concerted action of the employees as a result of an industrial or labor dispute. This may include slow down, boycott, sit-down, mass leave, attempts to damage, destroy or sabotage plant equipment and facilities and similar activities

- a) Boycott - concerted action by employees and their union to refrain from working with the establishment
- b) Mass Leave - concerted work stoppage where the union or the workers avail en masse of their paid leaves under their Collective Bargaining Agreement (CBA) or by law or where said workers/union go on massive Absence Without Official Leave (AWOL)
- c) Sit-down - concerted work stoppage where workers refuse to work inside a factory or establishment after punching their time cards
- d) Slowdown - deliberate lessening of work effort for a definite purpose and time. In motive, it is similar to a strike and differs from the latter only in the degree of stoppage involved.

**ASSETS** - are economic resources that are controlled by the company/entity and whose cost at the time of acquisition could be objectively measured

**AVAILABLE SEATS KILOMETERS** - a measure of airline output, this is obtained by multiplying the seats available on a flight by the distance over which the seats are flown

**AVERAGE TOTAL EMPLOYMENT** - is the total employment of the pay periods, nearest the middle of each quarter (Feb. 15, May 15, Aug. 15, and Nov. 15) divided by four regardless of the number of quarters the establishment was in operation

**BENEFIT PAYMENTS** - payments to persons covered under the GSIS Various Types of Benefit Claims

**BONDS** - interest bearing certificates of indebtedness

**BORROWINGS** - funds obtained from repayable sources including loans secured by the government from financial institutions and other sources, both internal and external to finance development projects

**CAPITAL OUTLAYS** - amount budgeted for the purchase of goods and services, the benefit of which extend beyond the budget year and which add to the assets of the government. Also includes equity investments in the capital stock of government owned or controlled corporation.

**CAPITAL REVENUE** - resources realized from the sale of fixed or capital assets, such as building, equipment, machine and intangibles

**CASH BALANCE BEGINNING** - it is the cash balance end of the previous period  
Cash balance end is the difference between total cash receipts and total cash disbursements. It represents the cash on hand and in bank.

**CASH BUDGET** - aggregate of revenues, borrowing and disbursement of the national government showing the cash deficit. It reflects the actual deposits and withdrawals of cash by the national government agencies to the Bureau of Treasury

**CENSUS VALUE ADDED** - represents the difference between the value of output and the total costs of materials and supplies consumed, fuels purchased, electricity purchased, industrial services done by others and goods purchased and resold

**CHILD MORTALITY RATE (CMR)** - number of deaths among children aged 1-4 per 1,000 population in the same age group

**CLIMATOLOGICAL NORMALS** - period averages computed for a uniform and relative long period comprising at least 3 consecutive 10-year period

**CLOUD (Octas)** - the amount of cloud present in the sky, expressed in octas of the sky cover. [Octa is the function used in denoting cloud amount and is equal to 1/8 of the whole sky.]

**COLLECTIVE BARGAINING AGREEMENT (CBA)** - a negotiated contract between a legitimate labor organization and the employer concerning wages, hours of work and all other terms and conditions of employment in a bargaining unit, including mandatory provisions for grievances and arbitration machineries

**COMMERCIAL BANKS** - any corporation which, in addition to the general powers incident to corporations, shall have all such powers as shall be necessary to carry on the business of commercial banking, by accepting drafts and issuing letters of credits, by discounting and negotiating promissory notes, drafts, bills of exchange, and other evidences of debts, by receiving deposits, by buying and selling foreign exchange and gold or silver bullion, and by lending money against securities consisting of personal property or first mortgage on improved real estates and the insured improvements thereon

**COMMERCIAL/INDUSTRIAL/AGRICULTURAL BUILDINGS** - are not intended mainly for human habitation but used as living quarters at the time of the census. A commercial building is a building built for transacting business or for rendering professional services, such as store, office, warehouse, etc. An industrial building is built for processing, assembling, fabricating, furnishing, manufacturing or packaging operations such as a factory or a plant. An

agricultural building is an structure constructed for agricultural purposes such as barn, stable, poultry house, granary, etc.

**COMMERCIAL PRIVATE PORTS** - ports which are owned and operated by private entities, constructed primarily to serve the needs of the owners

**COMMERCIAL PUBLIC PORTS** - ports which are owned and operated by the government, constructed primarily to serve the needs of the general public, and generally cater to vessels of more than 30 tonnage

**COST** - refers to all expenses incurred during the year, whether paid or payable. Valuation should be at market price including interest expenses and indirect taxes and other charges, net of discounts, rebates, returns and allowances. Goods and services received by the establishment from other establishment of the same enterprise are valued as through purchased

**COUNTRY OF RESIDENCE** - a country where a person permanently resides which may not necessarily be the same as the country of origin

**CRIME RATE** - number of crimes committed per 100,000 population

**CRUDE BIRTH RATE** - total number of births per 1,000 population in a given area

**CRUDE DEATH RATE** - total number of deaths from all causes per 1,000 population

**CURRENCY IN CIRCULATION** - all Philippine notes and coins issued or circulating in accordance with the provisions of the Central Bank Act

**CURRENT OPERATING EXPENSES** - amount budgeted for the purchases of goods and services for the conduct of normal government operation within the budget year. It includes goods and services that will be used or consumed during the budget year

**CURRENT SURPLUS** - excess of revenues over expenditures

**DAYS WITH LIGHTNING** - a day with lightning is reported whenever lightning is observed

**DAYS WITH THUNDERSTORM** - a "thunderstorm day" is defined as an observational day during which thunder is at station

**DEBT SERVICE FUND** - this covers payment for interest due on government loans, service fees and commitment fees and other financing charges incurred from the acquisition of the loan up to the final payment of the principal. Likewise this also covers expenditures for repayment of loans to the Philippine government obtained from foreign and domestic financing whether in foreign exchange or in national currency

**DEBT SERVICES** - the sum of amortization and interest payments on foreign and domestic borrowing

**DEFENSE** - this covers expenditures for military and para-military services for use against external aggression and suppression of subversion and other organized movement to overthrow the government

**DEFICIT** - excess of expenditures over revenue

**DEMAND DEPOSITS** - otherwise known as current or checking accounts, subject to withdrawal by check and are non-interest bearing. These are sub-divided into demand-deposits of private firms and individuals, banks, the government and Trust Department of Banks

**DEPLOYED OVERSEAS CONTRACT WORKER** - recruited worker who has actually left for overseas job with the pre-condition that employment/travel documentation papers were processed by POEA and his departure was actually recorded at the Labor Assistance Center at the Ninoy Aquino International Airport (NAIA)

**DEPOSIT SUBSTITUTES** - an alternative form of obtaining funds from the public, other than deposits, through the issuance, endorsement, of acceptance of debt instruments for the borrower's own account, for the purpose of re-lending or purchasing of receivables and their obligations

**DEPRECIATION** - the total amount set aside for the year to cover the decrease in value of physical assets owned by the establishment because of foreseen obsolescence, wear and tear as a result of operation, and normal amount of accidental damage

**DEW POINT TEMPERATURE (°C)** - the temperature in °C at a given pressure, to which the air must be cooled to become saturated. It is the temperature when atmospheric moisture begins to condense to liquid forming "dew" upon objects

**DOMESTIC LIQUIDITY** - consists of money supply, savings and time deposits and deposit substitutes of the monetary system

**DRY BULB TEMPERATURE (°C)** - it gives the air temperature in °C at the time of observation

**DUPLEX** - a structure intended for two households, with complete living facilities for each. It is divided either vertically or horizontally into two separate housing units which are usually identical

**ECONOMIC SERVICES** - this refers to activities directed to the promotion, enhancement and attainment of the desired economic growth

**EMPLOYED** - include all those who, during the reference period, are 15 years old and over as of their last birthday and are reported either:

- a) At work. Those who do any work even for an hour during the reference period for pay or profit, or work without pay on the farm or business enterprise operated by a member of the same household related by blood, marriage or adoption; or,
- b) With a job but not at work. Those who have a job or business but are not at work because of temporary illness/injury, vacation or other reasons. Likewise, persons who expect to report for work or to start operation of a farm or business enterprise within two weeks from the date of the enumerator's visit, are considered employed

**EMPLOYEES COMPENSATION INSURANCE FUND** - amount reserved for compensation claim against employment-connected injury, sickness, disability or death in the form of adequate cash income benefits, medical or related services and rehabilitation services

**EMPLOYMENT RATE** - proportion of the total number of employed persons to the total number of persons in the labor force

**ENROLMENT** - the total number of pupils who have registered in a class or school during the current school year

**EXTRAORDINARY INCOME** - collections derived from the repayment of loans and advances made by the government as well as from other non-recurring sources

**FEEDER PORTS** - ports constructed primarily to provide linkages among neighboring small islands and nearby urban centers. This port generally caters to small passenger and fishing vessels

**FERTILITY RATE** - average number of children that would be born alive to a woman during her lifetime if she were to pass through all her childbearing years

**FINANCING ACCOUNT** - means of funding government expenditure consisting of domestic and external borrowing less amortization and changes in government holding of cash to cover the differences between total revenue and total expenditures of the national government

**FISHING PORTS** - ports which primarily serve the fishing industry, either within the area, or may be regional in scope, serving as the main collection and distribution center for fish



**FOETAL DEATHS** - includes abortions, miscarriages and stillbirths

**FUNCTIONAL LITERACY RATE** - refers to the percentage of the population who have acquired higher level of literacy that includes not only reading and writing skills but also numeracy skills and ability to participate fully and effectively in community activities

**GENERAL PUBLIC SERVICES** - this covers expenditures for services which are indispensable to the existence of an organized state and cannot be allocated to specific sectors or subsectors. This includes executive and legislative services; overall financial and fiscal services; civil services; planning; conduct of foreign affairs; general research, public order and safety and centralized services

**GOVERNMENT SECURITIES OR TREASURY BILLS** - bills issued by the Bureau of Treasury as agent of the government

**GRANTS** - all non-repayable transfer received from other levels of government or from private individuals or institutions including reparations and gifts given particular projects or program or general budget support

**HOUSEHOLD** - an aggregate of persons, generally but not necessarily bound by ties of kinship who live together under the same roof and eat together or share in common the household food. Members comprise the head of the household relatives living with him and other persons who share the community life for reasons of work or other consideration. A person who lives alone is considered a separate household

**HOUSING UNIT** - a structurally separate and independent place of abode which, by the way it has been constructed, converted or arranged is intended for habitation by one household. Structures or parts of structures which are not intended for habitation such as commercial, industrial, and cultural buildings or natural and man-made shelters such as caves, boats, abandoned trucks, culverts, and others, but which are used as living quarters by households

**HUMAN DEVELOPMENT INDEX** - measure of how well a country has performed, not only in terms of real income growth, but also in terms of social indicators of people's ability to lead a long and healthy life, to acquire knowledge and skills, and to have access to the resources needed to afford a decent standard of living

**JOINT RESEARCH PROJECTS/VENTURES** - with the private sector refers to any project fully or partially financed by a DOST Council or any private establishment/entity and undertaken by any of the DOST R and D Institutes

**INDEX CRIMES** - crimes which are sufficiently significant and which occur with sufficient regularity to be meaningful. Crimes which include the following: murder, physical injury, robbery, theft and rape

**INFANT MORTALITY RATE (IMR)** - number of deaths among infants (below 1 year old) per 1,000 livebirths

**INSTITUTIONAL LIVING QUARTERS** - buildings intended for persons confined to receive medical, charitable, or other care and treatment such as hospitals and orphanages; for persons detained, such as jails and penal colonies; and also other buildings like convents, schools, dormitories, and others

**INSURANCE PREMIUMS** - contributions of the account of employees whether made by themselves or their employers for social security arrangements

**INVENTIONS** - a new, useful machine or device manufactures product or substance, process or any improvement thereof, that involves incentive act of degree more than the skills of expertise, artisan or mechanic

**INVENTORIES** - refer to the stocks of goods owned by or under the control of the establishment as of a fixed date, regardless of where the stocks are located. Valuation should be at current replacement cost based on market prices at indicated dates. Replacement cost is the cost of an item in terms of its present price, rather than its original cost

**INVESTMENTS** - amount of money or other resources measured in terms of money placed on activities or other forms of assets for the purpose of earning profits

**LABOR FORCE** - population 15 years old and over who contribute to the production of goods and services in the country. It includes those who are either employed or unemployed

**LABOR FORCE PARTICIPATION RATE** - proportion of the total number of persons in the labor force to the total population 15 years old and over

**LABOR UNION** - any registered group or association of employees which exists in whole or in part for the purpose of collective bargaining or dealing with employer concerning terms and conditions of employment

**LANDBASED WORKER** - a contract worker other than seamen including workers engaged in off-shore activities, whose occupation requires that majority of his working/gainful hours are spent on land; includes workers engaged in off-shore activities

**LIFE EXPECTANCY** - average number of years a person is expected to live when born in a given year. It best represents and ultimately reflects information on physical safety, nutritional levels, efficacy of health interventions, and other health indicators

**LITERACY RATE** - refers to the percentage of the population who can read and write and understand simple messages in any language or dialect

**LOCKOUT** - the temporary refusal of an employer to furnish work to his employees as a result of an industrial or labor dispute. It comprises shutdown, mass retrenchment and dismissals without previous written clearance from the Secretary of Labor and Employment or his duly authorized representatives

**MAN-DAYS LOST** - total number of working days lost of workers involved in a strike/lockout declared. It covers the period when the actual strike began up to the day it was disposed or settled. It is computed by multiplying the number of workers involved in the strike or lockout by the total number of working days lost or idled due to strike/lockout

**MATERNAL DEATHS** - refers to number of deaths to women due to pregnancy and childbirth complications per 1,000 livebirths in a given year

**MATERNAL MORTALITY RATE (MMR)** - number of deaths among women associated with pregnancy, labor and the puerperal or lying-in period immediately before or after delivery per 1,000 livebirths

**MAXIMUM TEMPERATURE (°C)** - the maximum temperature in °C recorded for the day, usually occurring in the early afternoon

**MEAN SEA LEVEL PRESSURE (mbs)** - the force exerted by the weight of the atmosphere on a unit area at the mean sea level. It is also the atmospheric pressure at mean sea level

**MEAN TEMPERATURE (°C)** - Mean Temperature = 
$$\frac{\text{Max. Temp.} + \text{Min. Temp.}}{2}$$

**MEDICARE INSURANCE FUND** - fund set aside for payment of claims of members against hospitalization, surgical and medical expenses

**MEDIUM ASSUMPTION** - moderate fertility decline and moderate mortality decline

**MIGRATION** - movement from one place to another (especially from one country to another) usually with intention to settle

**MINIMUM TEMPERATURE (°C)** - the minimum temperature in °C recorded for the day, usually occurring during early hours of the morning (before sunrise)

**MISCELLANEOUS INCOME** - non-tax revenue not elsewhere classified such as proceeds from the sale of goods or confiscated merchandise, inventory adjustments and waste materials

**MONEY SUPPLY** - consists of currency in circulation plus peso demand deposits.

**MORBIDITY** - any departure, subjective or objective, from a stage of physiological well-being; synonymous with such everyday terms as illness, sickness or disease

**MULTI-UNIT RESIDENTIAL UNITS** - type of houses consist of one or more storeys in a row of three or more housing units, separated from each other by walls extending from ground to the roof or a building having floors to accommodate three or more housing units

**NET DOMESTIC CREDITS** - defined under M.B. Res. No. 404 dated February 14, 1975 as consisting of domestic credits of the Bangko Sentral ng Pilipinas, (net of National Government deposits with the Bangko Sentral ng Pilipinas, Treasury IMF Account and Bangko Sentral ng Pilipinas loans and advances to deposit money banks) and domestic credits of deposit money banks (net of National Government deposits)

**NET FOREIGN ASSETS** - refers to the difference between foreign assets and foreign liabilities of the Bangko Sentral ng Pilipinas and of the deposit money Banks

**NET LENDING** - advances by the national government for the servicing of government guaranteed corporate debt during the year, net of repayments on such advance. Includes loans outlays or proceed from program loans relent to government corporations

**NET OTHER ACCOUNTS** - refer to the accounts of the Bangko Sentral ng Pilipinas and deposit money banks which are not classified elsewhere. The net other accounts represent the difference between the miscellaneous liabilities and capital accounts on one hand, and miscellaneous assets, on the other

**NET REPRODUCTION RATE** - the average number of daughters that would be born to a woman if she passed through her lifetime from birth conforming to the age-specific fertility and mortality rates of a given year

**NOMINAL MINIMUM WAGE RATE** - lowest daily wage rate, including mandated cost of living allowance, that an employer can pay his/her workers as fixed by the Regional Tripartite Wages and Productivity Boards. It is measured in current pesos

**NON-FORMAL EDUCATION** - any organized educational activity outside the established formal system that is intended to serve identifiable learning clienteles and objectives

**NON-INDEX CRIMES** - all types of crimes not considered as index crimes

**NON-MONEY SUPPLY DEPOSITS** - refer to the total quasi-money, marginal deposits and deposit substitutes of local government, semi-government entities and residents with deposit money banks

**NON-TAX REVENUE** - revenue collected from sources other than compulsory tax levies. Include those collected in exchange for direct services rendered by government agencies to the public, or those arising from the government regulatory and investment activities

**OCCUPANCY RATE** - total number of rooms occupied over the total number of rooms available for occupancy

**OPTIONAL LIFE INSURANCE FUND** - fund reserve for payments on unlimited optional life insurance like maturity cash surrender value, death, accidental death or waiver of premiums in case of permanent disability and includes sales redemption insurance, mortgage redemption insurance and group term insurance claims

**OVERSEAS CONTRACT WORKER (OCW)** - any individual who was or presently engaged in gainful employment in a foreign country, covered by a specific "contract of employment" defining the terms and conditions of that employment and the employer-employee relationship, provided that the herein referred contract was approved for implementation/application by the Philippine Overseas Employment Administration (POEA) and the deployment/mobilization having been authorized by the POEA and provided further that the corresponding Welfare Fund Contribution having been paid at the time of employment processing at POEA or at any time thereafter as in the case of legitimized overseas contract worker, the latter gaining recognition thru the process of latent legitimacy in accordance with applicable rules and policies in applicable case/s. The OCW may be landbased or seabased

**OVERSEAS FILIPINOS** - Filipino nationals residing permanently abroad who are visiting the Philippines for a period not exceeding one year

**PAID EMPLOYEES** - are persons working in the establishment receiving pay as well as those working away from the establishment when paid by and under the control of the establishment. Included are persons whether working full time or part-time. Included also are all employees on sick leave, paid vacation or holiday. Excluded are consultants, home workers and workers receiving commissions only

**PERSONAL SERVICES** - provision for the payment of salaries and wages and other compensation (e.g. merit, salary increase, cost of living allowances, honoraria and commutable allowances) of permanent, temporary, contractual and casual employees of the government

**PESO DEPOSIT SUBJECT TO CHECK** - includes "managers' and cashiers' checks" as well as the volume of deposits automatically transferred from savings to demand deposits but excludes holdings of demand deposits by the National Government and commercial banks' holdings of "checks and cash items"

**POLICY LOAN** - a loan on the security of the policy which shall not exceed 50 percent of the net cash value for regular membership policy, or 90 percent of the net cash value for optional policy

**POPULATION** - total number of individuals in a territory or a locality living at a specified moment of time with an agreed definition of residence; all the persons falling within the scope of a census or other inquiry

**POPULATION DENSITY** - number of persons per unit of land area (square kilometer or square mile)

**PREVAILING WINDS (mps)** - the prevailing wind direction most frequently observed during a given period while the average speed in meters per second is the arithmetic average of the observed wind speed

**PRIVATE DEVELOPMENT BANKS** - a group of quasi-private development banks promoted by the DBP to provide medium and long term credits to both the agricultural and industrial sectors. Designed to supplement the short-term credits of the Rural Banks and are able to accept only savings and time deposits

**PRIVATE SECURITIES** - investments in stocks of private corporations

**PROCESSED OVERSEAS CONTRACT WORKER** - recruited worker whose contract and travel documents has been verified and validated through the Contract Processing Department of the POEA and is to be deployed for a specific period of time

**PUBLIC SECTOR** - consists of the National Government, local governments, government-owned or controlled corporations and government monetary institutions

**RAINFALL (mm)** - the amount of precipitation (rain, hail, etc.) expressed in millimeters depth, of the layer of water which has fallen

**RAINY DAYS (RD)** - a rainy day is defined as a period of 24 hours beginning at 8AM to 8PM of the next day during which 0.1 mm of rain is recorded

**REAL ESTATE LOANS** - loans secured by real estate properties mortgaged with the system

**REAL MINIMUM WAGE RATE** - minimum wage rate which is defaulted by the current consumer price index. It gives information on how much the current minimum wage rate is compared to that of a given base year period

**RELATIVE HUMIDITY (%)** - the ratio of the amount of water vapor actually in the air to the maximum amount the air can hold at that temperature

**REPAYMENTS OF INVESTMENTS** - the amortization payment applied to the principal amount of loan or investments in salary loan, policy loan or real estate loan

**RESIDENT** - a person living in a given country, whether he is a national or not

**RESERVES** - amount set aside from net income or unassigned surplus to ensure the payment of benefits and other contingencies

#### **RESEARCH AND DEVELOPMENT (R&D) PROJECTS**

- a) Completed - refers to projects completed at various stages of the R&D spectrum namely: basic research, applied research, experimental development, and pilot testing
- b) Supported/ Assisted - are projects funded by DOST Councils or by DOST-OSEC. These are projects given technical support by R&D Institutes
- c) Implemented - are reports of projects implemented coming from R&D performing institutes like ITDI and FNRI

**RESEARCHES CONTRACTED** - requested by private industries to R&D Institutes

**REVENUE** - indicates cash received and receivable for goods sold and services rendered. Valuation is at producers' prices (ex-establishment), net of discounts and allowances, including duties and taxes but excluding subsidies

**REVENUE PASSENGER CARRIED** - passenger paying more than 25% of the applicable fare

**REVENUE PASSENGER KILOMETERS** - a measure of passenger sales volume, RPKs are obtained by multiplying the number of revenue passengers carried on a flight by the distance traveled by each passenger

**RURAL BANKS** - government-sponsored/assisted banks which are privately managed and largely privately owned that provide credit facilities to farmers and merchants, or to cooperatives of such farmers or merchants at reasonable terms and in general; to the people of the rural community

**SALARIES AND WAGES** - are payments in cash or in kind prior to deductions for employees contribution to SSS/GSIS, withholding tax, etc., to all employees. Included are total basic pay, overtime pay and other benefits

**SALARY LOANS** - loans granted to members in the amounts equivalent to one month salary for those whose membership with the system is 20 months or over; two months salary if membership is 40 months or over; and, three months salary if membership is 60 months or over

**SAVINGS BANKS** - any corporation organized for the purpose of accumulating the small savings of depositors and investing them, together with its capital, in bonds or in loans secured by bonds, real estate mortgage, and other forms of security, as hereinafter provided, or in loans for personal finance and long-term financing for home building and home development

**SAVINGS DEPOSITS** - these include all interest-bearing deposits which are withdrawals upon presentation of an accomplished withdrawal slip together with the passbook. These are subdivided into savings deposits of private firms, individuals, banks, the government and trust department of banks

**SCHEDULED KILOMETERS** - the sum of the direct airport-to-airport distances of all flights scheduled to be performed during the period over our certificated routes in pursuance of published traffic schedules

**SCHEDULED KILOMETERS FLOWN** - the sum of the direct airport-to-airport distances of all scheduled flights actually flown during the period

**SCHOLARSHIP** - includes scholarships given by DOST Councils, SEI, PHSS, FPRDI, PAGASA, DOST, NRCP, and ESEP

**SEABASED WORKER** - any person employed in a vessel engaged in maritime navigation. Also called seaman or seafarer

**SECTORAL ALLOCATION OF EXPENDITURES** - this categorize the purpose of government expenditure. The classification focuses on the purposes for which outlays are made, irrespective of the agency of government through which they were made

**SHIPMENTS** - the sale or inter-plant transfer of finished products from an establishment, whether the product was produced in the inquiry period or in the previous period (that is, all goods, the control of which was relinquished during the inquiry period)

**SINGLE HOUSE** - an independent structure intended for one household, separated by open space or walls from all other structures. It includes the nipa huts, or small houses built more or less as permanent housing unit and the "barong-barong" made of salvaged materials

**SOCIAL INSURANCE FUND** - amount set aside for the payment of social insurance benefits like retirement insurance, disability retirement, death and life insurance benefits



**SOCIAL SERVICES** - this covers expenditures for education, health, social security, labor and employment, housing and community development and other social activities

**STOCKS** - investments in shares of stock, common or preferred, traded, subsidiaries, non subsidiaries

**TAXES ON DOMESTIC GOODS AND SERVICES** - taxes imposed on the use or sale of locally manufactured goods as well as local services availed of within the domestic territory

**TAXES ON INCOME AND PROFIT** - taxes imposed on all taxable income earned or received by a taxpayer whether an individual, partnership, or corporation, during a particular period of time, usually lasting one year

**TAXES ON INTERNATIONAL TRADE AND TRANSACTIONS** - the sum of import and customs duties, and international trade related to tax collections of the national government

**TAXES ON PROPERTY** - taxes imposed on the use or ownership of wealth or immovable properties levied at regular intervals and on the transfer of real or personal properties both tangible and intangible

**TECHNOLOGIES COMMERCIALIZED** - technologies that are adapted and used already

- a) Technologies Commercialized (New) - technologies that are first used
- b) Technologies Commercialized (Existing) - technologies that have adopters and are already being used

**TECHNOLOGIES DIFFUSED** - technologies disseminated through trainings, demonstrations, and techno packages

- a) Technologies Diffused (New) - technologies disseminated for the first time through trainings, demonstrations, and techno packages
- b) Technologies Diffused (Existing) technologies disseminated or given already through trainings, demonstrations, and techno packages

**TIME DEPOSITS** - these represent deposits which are interest bearing with specific maturity dates and evidenced by certificates issued by the bank in the name of the depositor. These are subdivided into time deposits of private firms, individuals, banks, the government and trust department of banks

**TOTAL KILOMETERS FLOWN** - sum of total non-revenue kilometers flown and total revenue kilometers flown

**TOTAL NON-REVENUE KILOMETERS FLOWN** - the sum of the airport-to-airport distances of all flights performed for technical and non-technical non revenue operations such as training of pilots, test hops, probing, utility and ferry flights. It includes the estimated distances flown by aborted flights

**TOTAL REVENUE CARGO CARRIED** - the total weight in kilograms of freight carried on a given sector or service

**TOTAL REVENUE KILOMETERS FLOWN** - the sum of direct airport-to-airport distances of all revenue flights performed during the period. Scheduled flights, extra section flights, charter flights and relief flights are considered revenue flights

**TOTAL REVENUE TON KILOMETERS** - the sum total of passenger ton kilometers, freight ton kilometers, excess baggage ton kilometers, and mail ton kilometers, revenue loads carried on a charter flights are not considered

**TOTAL FERTILITY RATE** - average number of children that would be born alive to a woman during her lifetime if she were to pass through all her childbearing years (conforming to the age-specific fertility rates of a given year)

**TOURIST RECEIPTS** - revenues derived from consumption expenditures or payments for goods and services made by foreign visitors out of foreign currency resources

**TRADEMARK**- Includes individual names and surnames, firm names, tradenames, devices or words used by one to identify his business, vocation, or occupation

**TRADENAME** - Includes any word, name, symbol, emblem, sign, or device or any combination thereof used to identify one's goods and distinguish them from those of others

**TRANSFER PAYMENT** - unilateral payments made by the government to households, non-profit institutions, other government and government corporation (these are in the form of grants, subsidies and contributions, awards and indemnities, retirement benefits and other claims)

**TRAVEL MARKET** - a place whose people possess leisure money and a desire to visit areas foreign to their countries of residence

**UNDEREMPLOYED** - employed persons who express the desire to have additional hours of work in their present job or an additional job, or to have a new job with longer working hours

**UNDEREMPLOYMENT RATE** - ratio (in percent) of the total number of employed persons who want additional work to the total number of employed persons

- UNDER FIVE MORTALITY RATE (U5MR)** - number of deaths among children aged 0-4 per 1,000 0-4 years old children
- UNEMPLOYED** - persons who, during the reference period, are 15 years old and over as of their last birthday and who have no job/business and are actively looking for work. Also considered as unemployed are persons without a job or business who were reported as available for work but were not looking for work because of their belief that no work was available or because of temporary illness/disability, bad weather, pending job application or waiting for job interview
- UNEMPLOYMENT RATE** - proportion of the total number of unemployed persons to the total number of persons in the labor force
- UTILITY MODEL** - Any model or implement or tool or any industrial product or part of same which does not possess the quality of an invention but which of practical utility by reason of each form, configuration, construction, or composition
- VALUE ADDED** - represents the sum of census value added and value of non-industrial services done for others less the cost of non-industrial services done by others
- VALUE OF OUTPUT** - represents the total value of products sold, receipt from contract work and industrial services done for others, receipts from goods bought and sold in same conditions, fixed assets produced on own-account and change in inventories (ending less beginning of finished products, work-in process and goods for release)
- VAPOR PRESSURE (mbs)** - denotes the partial pressure of water vapor in the atmosphere. As water evaporates, additional water vapor is introduced into the space above and pressure increases slightly as the new vapor is added. The increasing pressure is due to an increase in the partial pressure of water vapor
- VISIBLY UNDEREMPLOYED PERSONS** - those who worked for less than 40 hours during the reference period and want additional hours of work
- VISITOR** - any person visiting a country other than that in which he has his usual place of residence, for any reason other than following an occupation remunerated from within the country visited
- WET BULB TEMPERATURE (°C)** - it gives the temperature in °C that an air parcel would have if cooled adiabatically to saturation at constant pressure by evaporating water in it




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We consider it our duty to do our best in meeting your statistical data needs and expectations. But we need your help. You can do your share by providing us with your comments and suggestions to further improve the publication, the Philippine Statistical Yearbook (PSY).

Please list in column 1 the table nos. that you use/monitor. For other data that you want to be included, please list them under column 2. Write your other comments/remarks under column 3.

Thank you for your help.

  
ROMULO A. VIROLA  
Secretary General





















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## *Comments and Suggestions Form*

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