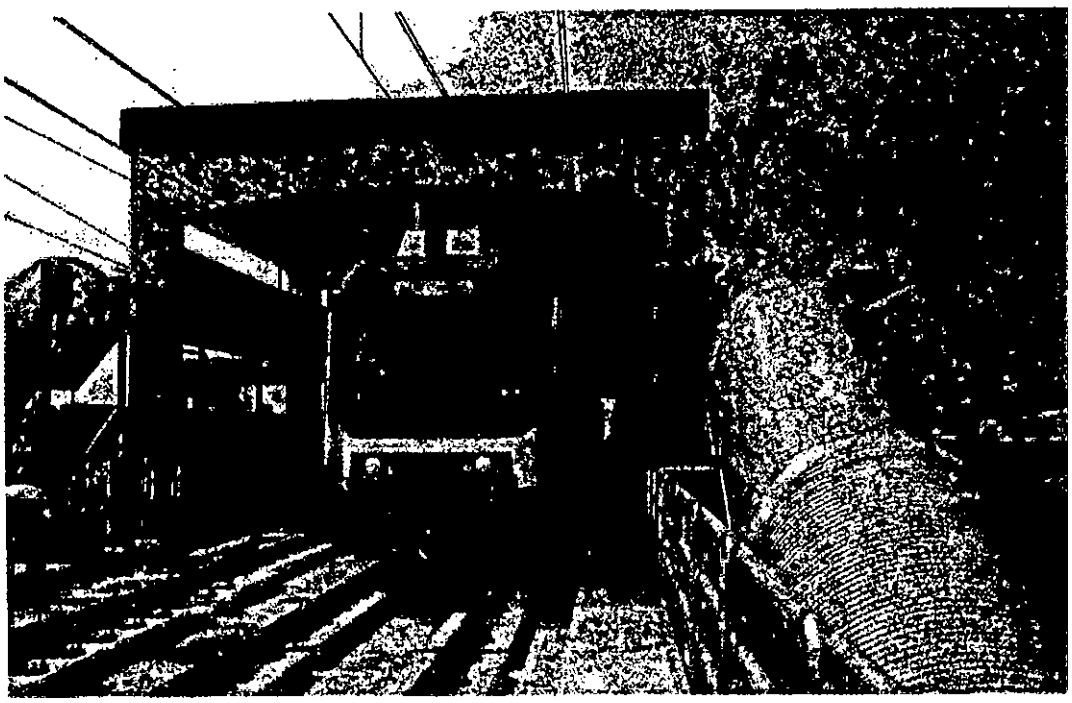
ISSN-0118-1564

1999 Philippine Statistical Yearbook



PSY 1999

Republika ng Pilipinas
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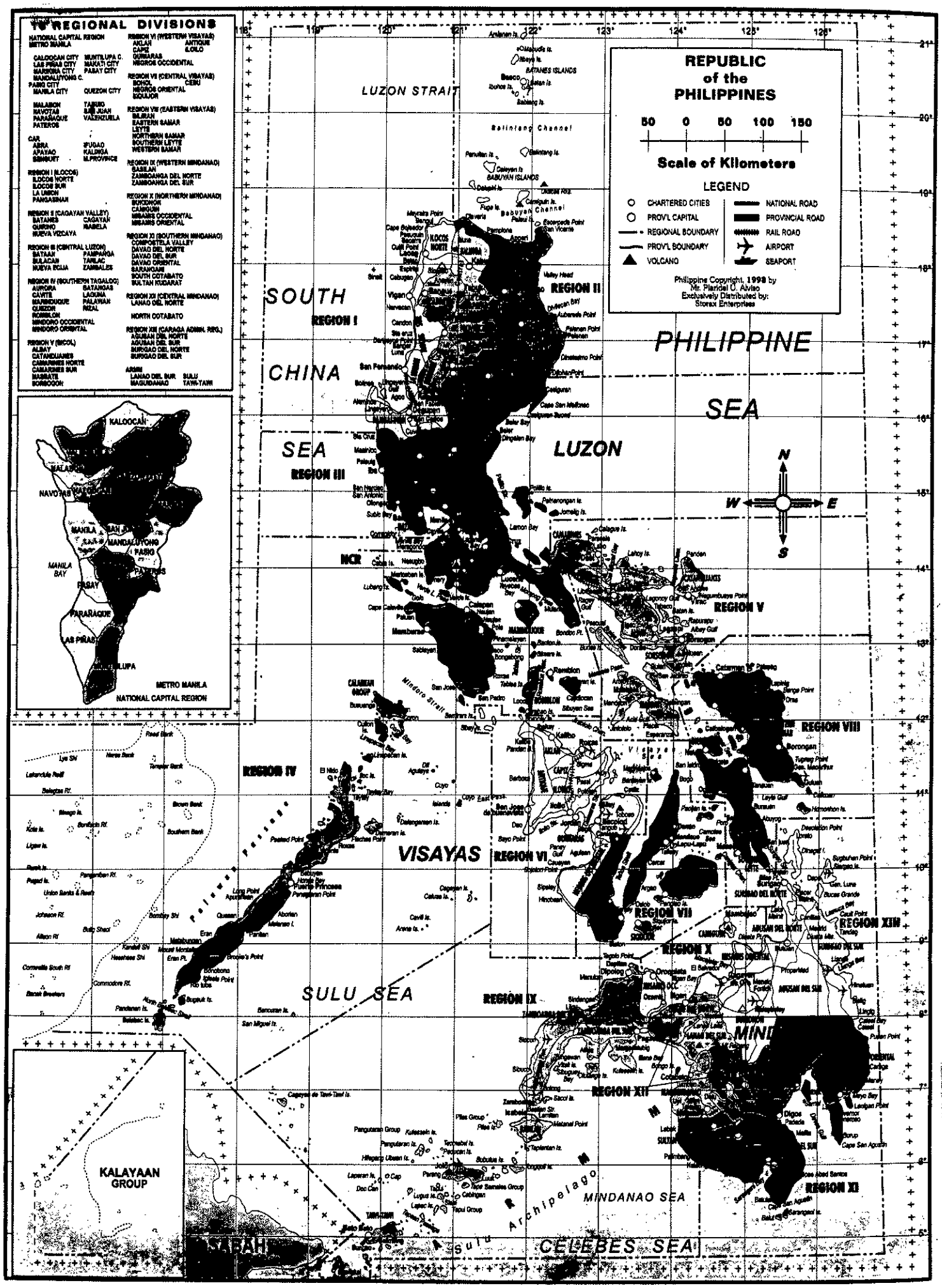
(NATIONAL STATISTICAL COORDINATION BOARD)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MUNTILUPA C.
MAKATI CITY
PASAY CITY
CAR
ABRA
APAYAO
BENGUET
IFUGAO
KALINGA
M.PROVINCE
REGION I (ILOCOS)
ILOCOS NORTE
ILOCOS SUR
LA UNION
PANGASINAN
REGION II (CAGAYAN VALLEY)
BATANES
QUIRINO
NUEVA VIZCAYA
CAGAYAN
ISABELA
REGION III (CENTRAL LUZON)
BATAAN
BULACAN
NUEVA ECIJA
PAMPANGA
TARLAC
ZAMBALES
REGION IV (SOUTHERN TAGALOG)
AURORA
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MARINDUQUE
QUEZON
ROMBLON
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MINDORO ORIENTAL
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PALAWAN
RIZAL
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ALBAY
CATANDUANES
CAMARINES NORTE
CAMARINES SUR
MASBATE
SORSOGON
REGION VI (WESTERN VISAYAS)
AKLAN
CAPIZ
GUIMARAS
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ANTIQUE
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CEBU
REGION VIII (EASTERN VISAYAS)
BILIRAN
EASTERN SAMAR
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REGION IX (WESTERN MINDANAO)
BASILAN
ZAMBOANGA DEL NORTE
ZAMBOANGA DEL SUR
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COMPOSTELA VALLEY
DAVAO DEL NORTE
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SARANGANI
SOUTH COTABATO
SULTAN KUDARAT
REGION XII (CENTRAL MINDANAO)
LANAO DEL NORTE
NORTH COTABATO
REGION XIII (CARAGA ADMIN. RRG.)
AGUSAN DEL NORTE
AGUSAN DEL SUR
SURIGAO DEL NORTE
SURIGAO DEL SUR
ARMM
LANAO DEL SUR
MAGUIDANAO
SULU
TAWI-TAWI
KALOOCAN
MALABON
NAVOTAS
MANILA
MANDALUYONG
PASIG
MANILA BAY
PASAY
PARAÑAQUE
LAS PIÑAS
MUNTILUPA
METRO MANILA
NATIONAL CAPITAL REGION
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SOUTH CHINA SEA
PHILIPPINE SEA
LUZON
VISAYAS
MINDANAO
SULU SEA
MINDANAO SEA
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SABAH
KALAYAAN GROUP
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REGION IV
REGION V
REGION VI
REGION VII
REGION VIII
REGION IX
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1999
Philippine Statistical Yearbook

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

THE 1999 PHILIPINE STATISTICAL YEARBOOK

About the cover

It's all systems go for the National Statistical Coordination Board in pursuit of its vision to make statistical information and services in the Philippine Statistical System highly accessible by users nationwide and worldwide.

As the third millenium approaches the horizon, the National Statistical Coordination Board is riding high in spearheading the Philippine Statistical System in charting new dimensions towards providing the delivery of efficient government statistical service to the public.

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FOREWORD

This is the 1999 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 relevant to the needs of our users. For this issue, we included additional data on information technology and telecommunications to enhance decision making and planning in government and 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 wish 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 1999

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LIST OF DATA SOURCES

1997 United Nations Demographic Yearbook
1995 United Nations Statistical Yearbook
1999 Key Indicators of Developing Asian and Pacific Countries, Asian Development Bank (ADB)
1999 Asian Development Outlook, ADB
Air Transportation Office, Department of Transportation and Communication (DOTC)
Bangko Sentral ng Pilipinas
Board of Investments
Budget on Expenditures & Sources of Financing, Department of Budget & Management
Bureau of Agricultural Statistics, Department of Agriculture (DA)
Bureau of Fisheries and Aquatic Resources, DA
Bureau of Food and Drug Administration, Department of Health (DOH)
Bureau of Labor and Employment Statistics, Dept. of Labor and Employment (DOLE)
Bureau of Labor Relations, DOLE
Bureau of Licensing and Regulations, DOH
Bureau of Soils and Water Management, DA
Bureau of the Treasury, Department of Finance
Civil Service Commision
Cooperative Development Authority
Commission on Audit
Commission on Elections
Commission on Higher Education
Dangerous Drug Board
Department of Agrarian Reform
Department of Education, Culture and Sports
Department of Energy
Department of Health
Department of Public Works and Highways
Department of Science and Technology (DOST)
Department of Social Welfare and Development
Environmental Management Bureau, Department of Environment and Natural Resources (DENR)
Fertilizer and Pesticide Authority
Food and Nutrition Research Institute, DOST
Forest Management Bureau, DENR
Government Service Insurance System
Home Development Mutual Fund
Human Development Network
Insurance Commission
Intellectual Property Office, DTI
Land Tranportation Office, DOTC
Local Water Utilities Administration
Maritime Industry Authority
Metro Transit Organization Incorporated
Mines and Geo-Sciences Bureau, DENR
National Conciliation and Mediation Board
National Computer Center
National Disaster Coordinating Council
National Economic and Development Authority
National Educational Testing and Reseach Center
National Electrification Administration
National Food Authority
National Irrigation Administration
National Mapping & Resource Information Authority
National Meat Inspection Commission
National Statistical Coordination Board
National Statistics Office
National Telecommunications Commission
National Wages and Productivity Commission
Ninoy Aquino International Airport Authority
Philippine Airlines
Philippine Atmospheric, Geophysical & Astronomical Services Administration
Philippine Coast Guard
Philippine National Police
Philippine National Railways
Philippine Overseas and Employment Administration, DOLE
Philippine Ports Authority
Planning Office, DENR
Philippine Postal Corporation
Professional Regulation Commission
Public Attorney's Offi
Securities and Exchan mmission
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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ROMEO M. NIMENO
Administrative Officer V

OIC Officer-in-Charge
* As of October 1999

	SYMBOLS	MEANING
1.	**CY**	Calendar Year (Jan. 1 - Dec. 31)
2.	**SY**	School Year
3.	**FY**	Fiscal Year (July 1 - June 31)
4.	**n.e.s.**	Not Elsewhere Stated
5.	**n.e.c**	Not Elsewhere Classified
6.	**p**	Preliminary
7.	**r**	Revised
8.	**...**	Data not available
9.	*	Less than half the unit employed
10.	-	Nil
11.	..	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 I. 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		68,616,536		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
Kalookan		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	1998	39,010	1997	54,078	(27.9)
Male		14,629		20,942	(30.1)
Female		24,381		33,136	(26.4)
5. Human development index	1994	0.660	1990	0.665	
Chapter 2. INCOME AND PRICES					
1. Average family income (pesos)	1997	123,168	1994	83,161	
2. Average family expenditure (pesos)	1997	99,537	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	11,319	1994	8,885	
4. Poverty Incidence (% of total families)	1997	31.8	1994	35.5	
5. Consumer price index for all items (1994=100)	1998		1997		
Philippines		136.9		124.8	9.7
Metropolitan Manila (NCR)		137.9		125.1	8.4
Areas Outside Metropolitan Manila		136.5		124.6	9.6
Chapter 3. ECONOMIC ACCOUNTS					
1. Gross national product (million pesos)	1998		1997		
At current prices		2,794,068		2,522,884	10.7
At constant 1985 prices		931,127		930,363	0.1
2. Gross domestic product by industrial origin (million pesos at 1985 prices)	1998	888,075	1997	892,860	(0.5)
Agriculture, fishery and forestry		172,445		184,713	(6.6)
Mining and quarrying		10,624		10,338	2.8
Manufacturing		221,151		223,672	(1.1)
Construction		52,464		57,322	(8.5)
Electricity, gas, and water		30,315		29,357	3.3
Transport, communication and storage		58,640		55,067	6.5
Trade		138,641		135,326	2.4
Finance		45,445		43,509	4.4
Ownership of Dwellings & Real Estates		48,065		47,297	1.6
Private Services		63,880		61,040	4.7
Government Services		46,405		45,219	2.6
3. Expenditures on gross domestic product at 1985 prices (million pesos)	1998	888,075	1997	892,860	(0.5)
Personal consumption expenditures		707,904		684,316	3.4
General government consumption		70,180		71,703	(2.1)
Gross domestic capital formation		196,480		235,125	(16.4)
Construction		98,219		104,404	(5.9)
Durable equipment		91,837		112,065	(18.1)
Breeding stocks and orchard development		14,223		14,193	0.2
Increase in stocks		(7,799)		4,463	(274.7)
Exports		398,657		465,322	(14.3)
(Less) Imports		486,230		567,682	(14.3)
4. Per capita private (personal) consumption expenditure (million pesos)	1998		1997		
At current prices		26,345		23,923	10.1
At constant 1985 prices		9,419		9,307	1.2

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)	1998	30,000,000	1997	30,000,000	
Alienable and disposable		14,145,027		14,145,027	
Forest Land		15,854,973		15,854,973	
Classified		14,765,804		14,765,804	
Unclassified		1,089,169		1,089,169	
2. Area reforested (in hectares)	1998	42,368	1997	66,237	(36.0)
3. Forest Destruction (in hectares)	1998	52,681	1997	22,362	135.6
4. Production of logs, lumber, plywood and veneer (1,000 m)	1998		1997		
Logs		570		556	2.5
Lumber		216		351	(38.5)
Plywood		246		484	(49.2)
Veneer		58		62	(6.5)
5. Value of mineral production (in thousand pesos)	1998	36,829,317	1997	32,909,952	11.9
Chapter 5. AGRICULTURE					
1. Production of agricultural crops (thousand metric tons)	Crop year 1998 P	57,931.5	Crop year 1997	68,301.4	(15.2)
Cereals		12,378.0		15,601.4	(20.7)
Palay		8,554.8		11,269.0	(24.1)
Corn		3,823.2		4,332.4	(11.8)
Major crops		37,789.3		44,631.2	(15.3)
Coconut		10,905.3		12,118.5	(10.0)
Sugarcane		17,347.9		22,273.1	(22.1)
Banana		3,560.8		3,773.8	(5.6)
Pineapple		1,495.1		1,638.0	(8.7)
Coffee		121.3		130.0	(6.7)
Other major crops		4,358.9		4,697.8	(7.2)
Other crops		7,764.2		8,068.8	(3.8)
2. Value of production of agricultural crops (million P)	Crop year 1998 P	264,092.2	Crop year 1997	276,826.1	(4.6)
Cereals		91,947.4		116,301.8	(20.9)
Palay		69,123.0		89,137.5	(22.5)
Corn		22,824.4		27,164.3	(16.0)
Major crops		124,964.4		117,429.0	6.4
Coconut		36,532.8		29,690.3	23.0
Sugarcane		13,531.4		15,368.4	(12.0)
Banana		15,881.2		16,642.5	(4.6)
Pineapple		10,361.2		11,285.8	(8.2)
Coffee		6,748.1		5,185.7	30.1
Other major crops		41,909.7		39,256.3	6.8
Other crops		47,180.4		43,095.3	9.5

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.)	1998 P	2,766.7	1997	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)	1998 P	84,595.8	1997	80,710.9	4.8
Commercial fishing		29,737.1		25,935.3	14.7
Municipal fishing		28,966.5		27,392.9	5.7
Aquaculture		25,892.2		27,382.7	(5.4)
5. Livestock and poultry production (thousand metric tons)	1998 P		1997		
Livestock (Liveweight)		1,861.6		1,796.5	3.6
Poultry (Liveweight)		970.7		980.5	(1.0)
Egg		290.1		275.8	5.2
6. Value of livestock and poultry (million pesos)	1998 P		1997		
Livestock (Liveweight)		85,778.4		84,325.1	1.7
Poultry (Liveweight)		52,295.0		49,175.4	6.3
Egg		13,916.7		12,352.3	12.7
Chapter 6. ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTOR					
1. Gross value of output of manufacturing establishments (million pesos)	1995	1,008,157	1994	852,564	18.3
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
Footwear & wearing apparel		39,054		40,140	(2.7)
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		1,697		1,202	41.2
Rubber Products		10,375		9,848	5.4
Chemicals		116,854		101,624	15.0
Petroleum and coal		124,732		112,539	10.8
Non-metallic mineral products		34,839		30,378	14.7
Basic metal		73,064		52,972	37.9
Metal products		18,230		15,834	15.1
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		10,643		9,705	9.7

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	1998		1997		
Corporations		10,229		14,144	(27.7)
Partnerships		3,387		3,620	(6.4)
3. Capital increases & withdrawals of corporations & partnerships (million pesos)	1998		1997		
Increases		103,427.3		129,667.8	(20.2)
Withdrawals		9,119.1		7,916.6	15.2
Net effect		94,308.2		121,751.2	(22.5)
4. Amount of investments approved under E.O. 226 (million pesos)	1998	83,112,054	1997	195,545,992	(57.5)
Local		45,812,641		136,809,280	(66.5)
Foreign		37,299,413		58,736,712	(36.5)
Chapter 7. FOREIGN TRADE					
1. Direction of external trade (million US dollars)	1998 P		1997		
Exports		29,496.4		25,227.7	16.9
Imports		29,659.9		35,933.8	(17.5)
Balance of trade		(163.5)		(10,706.1)	(98.5)
2. Total exports (million US $)	1998 P	29,496.4	1997	25,227.7	16.9
Traditional exports (million US$)		1,648		1,913	(13.9)
Coconut products		815		816	(0.1)
Copra		1		3	(66.7)
Coconut oil		706		673	4.9
Dessicated coconut		73		88	(17.0)
Copra meal or cake		35		52	(32.7)
Sugar and sugar products		100		99	1.0
Centrifugal & refined sugar		80		83	(3.6)
Molasses		19		15	26.7
Others		1		1	0.0
Forest products		24		45	(46.7)
Logs		0		0	0.0
Lumber		10		26	(61.5)
Plywood		2		5	(60.0)
Veneer sheets/corestocks		12		14	(14.3)
Others		0		0	0.0
Mineral products		353		441	(20.0)
Copper concentrates		25		44	(43.2)
Gold		34		49	(30.6)
Chromium ore		6		6	0.0
Others		288		342	(15.8)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Fruits and Vegetables		188		202	(6.9)
Canned pineapple		79		86	(8.1)
Pineapple juice		8		9	(11.1)
Pineapple concentrates		32		28	14.3
Others		69		79	(12.7)
Abaca fibers		17		23	(26.1)
Tobacco, unmanufactured		22		29	(24.1)
Petroleum products		129		258	(50.0)
Chapter 8. TOURISM					
1. Number of visitor arrivals	1998	3,149,357	1997	2,222,523	41.7
2. Total visitor receipts (million US $)	1998	2,412.9	1997	2,831.2	(14.8)
Foreign visitors		2,166.1		2,638.5	(17.9)
Overseas Filipinos		246.8		192.7	28.1
3. Average number of rooms of hotels in Metro Manila	1998	13,320	1997	12,387	7.5
4. Average occupancy rates of hotels in Metro Manila	1998	56.9	1997	69.1	(17.7)
Chapter 9. VITAL, HEALTH AND NUTRITION STATISTICS					
1. Number of registered marriages	1994	490,135	1993	474,407	3.3
2. Number of registered live births	1994	1,643,707	1993	1,680,896	(2.2)
3. Number of registered deaths	1994	321,440	1993	318,546	0.9
4. Bed capacity of government and private hospitals	1998	81,200	1997	81,905	(0.9)
5. Number of hospitals	1998	1,713	1997	1,817	(5.7)
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		13,096		17,090	(23.4)
Rural		2,405		2,856	(15.8)
8. Number of establishments involved in food and drug production	1998	12,143	1997	11,993	1.3
9. Number of establishments involved in the distribution of food and drugs	1998	15,782	1997	13,981	12.9

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	7,957	SY 1995-96	7,355	8.2
Elementary	SY 1996-97	37,665	SY 1995-96	36,800	2.4
Secondary	SY 1996-97	6,423	SY 1995-96	6,205	3.5
Tertiary	SY 1996-97	1,316	SY 1995-96	1,286	2.3
2. Enrolment in government and private schools					
Pre-school	SY 1996-97	555,502	SY 1995-96	552,599	0.5
Elementary	SY 1996-97	11,847,794	SY 1995-96	11,504,816	3.0
Secondary	SY 1996-97	4,988,301	SY 1995-96	4,883,507	2.1
Higher Education	SY 1996-97	2,220,838	SY 1995-96	2,017,972	10.1
3. Number of graduates					
Higher Education	SY 1995-96	328,120	SY 1994-95	312,667	4.9
Non-formal Education	1998	243,661	1997	179,095	36.1
4. Number of examinees who passed the board/bar exams	1998	36,840	1997	36,458	1.0
Chapter 11. LABOR AND EMPLOYMENT					
1. Total labor force (1,000 persons)	1998	31,278	1997	30,265	3.3
Employed		28,262		27,888	1.3
Unemployed		3,016		2,377	26.9
2. Labor force participation rate (percent)					
Philippines	1998	66.0	1997	65.5	
National Capital Region		65.1		63.4	
Cordillera Administrative Region		67.0		66.0	
Region 1		64.8		66.2	
Region 2		68.6		69.8	
Region 3		62.5		60.9	
Region 4		64.7		65.1	
Region 5		68.6		67.2	
Region 6		65.7		66.3	
Region 7		66.0		65.2	
Region 8		67.2		66.5	
Region 9		62.4		62.7	
Region 10		74.3		73.4	
Region 11		70.8		70.9	
Region 12		67.9		66.7	
Region 13		68.4		68.0	
Autonomous Region of Muslim Mindanao		56.6		55.7	

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Processed overseas Filipino workers	1998	740,157	1997	755,350	(2.0)
Land-based		535,171		552,440	(3.1)
Sea-based		204,986		202,910	1.0
4. Deployed overseas Filipino workers	1998	755,684	1997	747,696	1.1
Land-based		562,384		559,227	0.6
Sea-based		193,300		188,469	2.6
5. Number of strike notices filed	1998	809	1997	932	(13.2)
6. Actual strikes	1998	92	1997	93	(1.1)
Chapter 12. SOCIAL SERVICES					
1. Number of institutions/centers involved in the distribution of social services	1998	61	1997	74	(17.6)
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)	1998	26,031	1997	23,238	12.0
Chapter 13. TRANSPORTATION AND COMMUNICATION					
1. Rail transport	1998		1997		
Passengers carried (thousand)		578.1		613.5	(5.8)
Passenger revenues ('000 pesos)		90,306.0		81,303.0	-
Express tonnes loaded (1,000 mt)		3.5		3.8	(7.9)
2. Total number of registered motor vehicles	1998	3,316,817	1997	3,193,549	3.9
Private		2,558,305		2,488,595	2.8
For hire		693,463		639,083	8.5
Government		60,266		60,695	(0.7)
Diplomatic		3,465		3,028	14.4
Exempt		1,318		2,148	(38.6)
3. Total number of newly-registered motor vehicles	1998	364,963	1997	476,235	(23.4)
Cars		40,565		73,160	(44.6)
Utility vehicles		103,355		131,186	(21.2)
Trucks		14,748		33,023	(55.3)
Buses		2,130		3,293	(35.3)
Motorcyles/Tricyles		202,298		229,349	(11.8)
Trailers		1,867		6,224	(70.0)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
4. Total shipping statistics	1998		1997		
Cargo (metric tons)		137,903,572		145,138,010	(5.0)
Passenger		44,110,790		41,414,647	6.5
5. Flights and passengers carried by international carriers	1998		1997		
Passengers carried, total		8,038,401		7,728,382	4.0
Arrivals		3,940,317		3,822,348	3.1
Departures		4,098,084		3,906,034	4 9
Number of Flights		49,316		48,274	2.2
6. Number of registered airports	1998	167	1997	192	(13.0)
National		92		89	3.4
Private		75		103	(27.2)
7. Length of roads (kilometers)	1998		1997		
National		27,895.2		27,911.8	(0.1)
8. Number of bridges	1997		1996		
National government		7,380		7,347	0.4
9. Length of bridges (linear meters)	1998		1997		
National government		266,833.00		261,989.00	1.8
10. Total telephone lines	1998	6,641,480	1997	5,775,556	15.0
11. Number of licensed radio stations	1998	197,139	1997	183,271	7.6
12. Volume of mail handled (1,000 pieces)	1998	1,092,007	1997	1,171,590	(6.8)
Received from Foreign Countries		218,640		327,576	(33.3)
Posted mails		873,367		844,014	3.5
Chapter 14. ENERGY AND WATER RESOURCES					
1. Petroleum products consumption (thousand barrels)	1998	137,861	1997	141,874	(2.8)
2. Energy consumption (MMBFOE)	1998	239.8	1997	241.7	(0.8)
3. Electric Energy Consumption (million kilowatt hours)	1998	41,207	1997	39,797	3.5
4. Generated area of irrigation systems/ projects (hectares)	1998	27,657	1997	41,040	(32.6)
National		8,803		19,495	(54.8)
Communal		16,322		20,749	(21.3)
Pump/Private		2,532		796	

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)	1998 P	462,515	1997	471,843	(2.0)
Tax Revenues		416,585		412,165	1.1
Taxes on net income and profits		183,914		164,170	12.0
Taxes on property		469		881	(46.8)
Taxes on goods and services		128,716		130,720	(1.5)
Taxes on international trade and transactions		76,371		95,187	(19.8)
Other taxes		27,116		21,207	27.9
Non tax revenue		45,930		59,678	(23.0)
2. Sectoral Allocation of Expenditures (million pesos)	1999 P	579,481	1998	528,263	9.7
Social services		195,213		177,902	9.7
Economic services		128,462		113,613	13.1
Defense		30,191		29,308	3.0
General public service		104,376		99,267	5.1
Net Lending		520		486	7.0
Interest Payment		120,719		107,687	12.1
3. Internal debt outstanding by level of government (million P)	1998 P	807,173.8	1997	725,674.8	11.2
National government		796,997.7		716,532.8	11.2
Government corporations		10,149.3		9,113.7	11.4
Monetary institutions		26.8		28.3	(5.3)
4. Internal debt outstanding by period of maturity (million P)	1998 P	807,173.8	1997	725,674.8	11.2
Long term		188,466.4		166,540.2	13.2
Medium term		167,564.5		158,287.9	5.9
Short term		451,142.9		400,846.7	12.5
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)	1998	281,514	1997	258,318	9.0

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	2,102,520.2	1997	2,092,143.6	0.5
Commercial banks		1,912,677.0		1,906,092.0	0.3
Rural banks		42,761.8		42,185.7	1.4
Private Development banks		43,706.9		60,644.7	(27.9)
Savings banks		103,374.5		83,221.2	24.2
3. Total assets and liabilities of Central Bank (million pesos)	1998		1997		
Total assets		741,710.1		686,216.3	8.1
Total liabilities		633,858.7		654,566.7	(3.2)
4. Total assets and liabilities of commercial banks (million pesos)	1998		1997		
Total assets		2,528,043.0		2,512,975.0	0.6
Total liabilities		2,156,076.0		2,189,543.0	(1.5)
5. Investments of the Government Service Insurance System (million pesos)	1998	89,178.2	1997	72,902.4	22.3
7. Investments of the Social Security System (million pesos)	1998	166,751.7	1997	139,648.8	19.4
8. Balance of payments (million US $) Overall BOP Position	1998	1,346	1997	(3,363)	
Chapter 17. PUBLIC ORDER, SAFETY AND JUSTICE					
1. Total Crime Rate	1998		1997		
Philippines		97.8		99.4	(1.6)
Metro Manila		155.9		184.9	(15.7)
Outside Metro Manila		88.7		85.8	3.4
2. Number of policemen	1998	103,616	1997	104,401	(0.8)
3. Number of firemen	1998	12,530	1997	12,308	1.8
4. Number of raids on drug incidents	1998	1,483	1997	1,849	(19.8)
5, Number of persons arrested on drug incidents	1998	2,722	1997	3,079	(11.6)
6. Inflow & Outflow of Cases	1998		1997		
Inflow		682,645		750,553	(9.0)
Outflow		657,691		600,336	9.6
Pending		788,618		763,664	3.3
7. Cases handled by Public Attorneys' Office (PAO)	1998	411,912	1997	382,500	7.7

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	1998	53	1997	...	
2. Number of R&D Projects completed by the DOST	1998	187	1997	...	
3. Number of researches contracted by DOST with the private sector	1998		1997		
New		23		...	
On-going		13		...	
Completed		31		...	
3. Number of Scholarships awarded by DOST					
New	1998	4,476	1997	4,714	(5.0)
On-going		8,394		7,286	15.2
Graduated		1,399		1,185	18.1

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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Figure 1.2 Population Projection by Region: 1999 1-13

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)
Philippines	68,616,536	60,703,206	48,098,460	42,070,660	36,684,486
National Capital Region	9,454,040	7,948,392	5,925,884	4,970,006	3,966,695
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	38" 350	266,637	134,137	73,702	55,257
Cordillera Administrative Region	1,254,838	1,146,191	914,432	811,103	730,906
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	147281	111368	104,707	92,487
Kalinga Apayao	237,805	211775	185063	163,225	136,249
Mt. Province	130,755	116535	103,052	94,096	93,112
1 Ilocos Region	3,803,890	3,550,642	2,922,892	2,726,220	2,488,391
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
2 Cagayan Valley	2,536,035	2,340,545	1,919,091	1,665,245	1,462,723
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
3 Central Luzon	6,932,570	6,199,017	4,802,793	4,210,136	3,615,496
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)
4 Southern Tagalog	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
5 Bicol Region	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
6 Western Visayas	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
7 Central Visayas	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
8 Eastern Visayas	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
9 Western Mindanao	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
10 Northern Mindanao	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 [a]	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 [b]	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 [a]	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 [b]	-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: 1999 to 2001

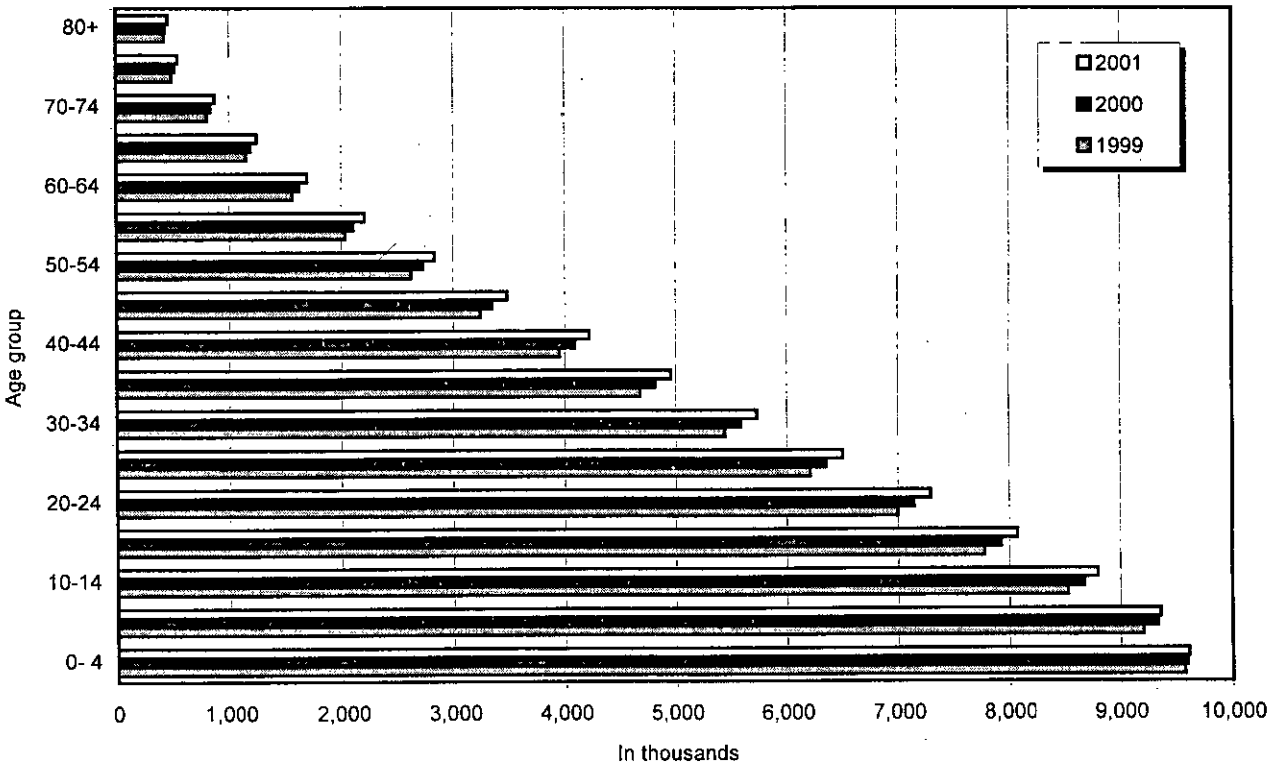

Figure 1.2 POPULATION PROJECTIONS BY REGION : 1999

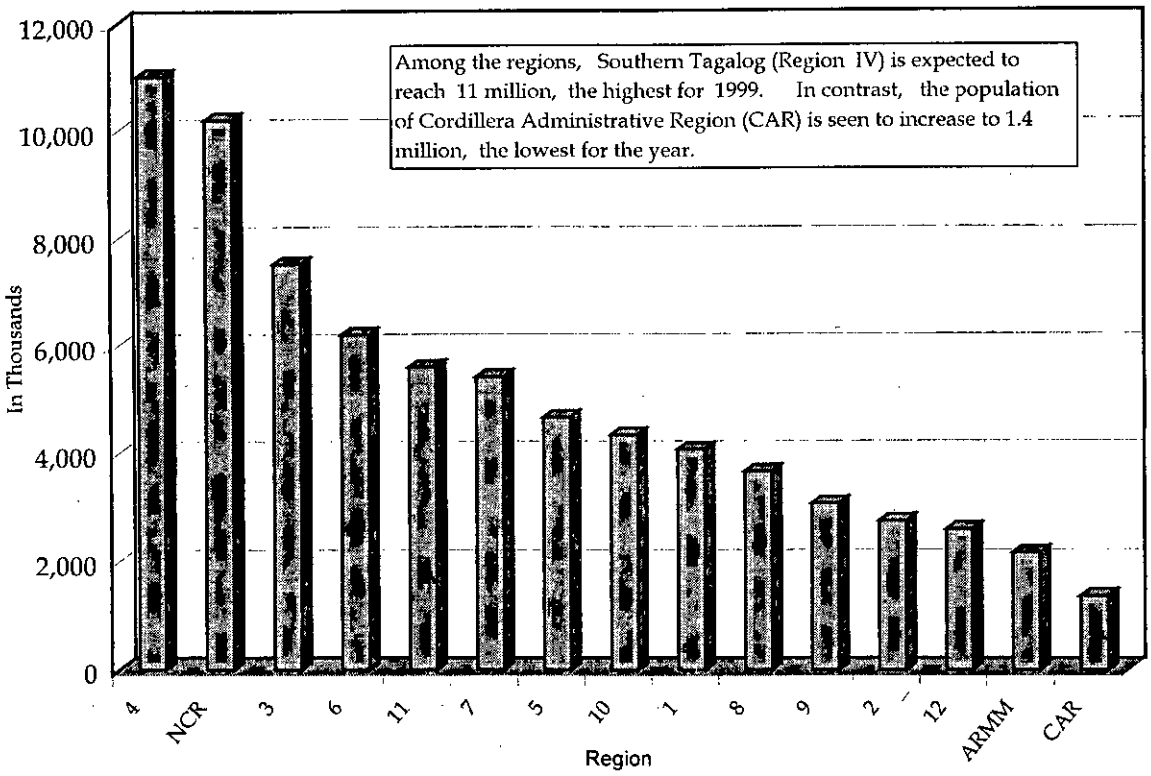

Table 1.3
POPULATION, LAND AREA AND DENSITY BY CITY
CENSUS YEARS 1970 to 1995

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
Canlaon	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 [a]	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 Administrative	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	100.2	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 (%)
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	48.73	51.27	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 [a]	2.35	Census
1995	68,616,536 [a]	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	419,232	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	68,349,452
1996	34,696,576	35,249,629	69,946,205
1997	35,491,076	36,047,517	71,538,593
1998	36,285,581	36,845,404	73,130,985
1999	37,080,081	37,643,292	74,723,373
2000	37,876,761	38,443,365	76,320,126
2001	38,665,180	39,233,004	77,898,184
2002	39,453,594	40,022,651	79,476,245
2003	40,242,015	40,812,289	81,054,304
2004	41,032,589	41,604,100	82,636,689
2005	41,821,008	42,393,739	84,214,747

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 1998

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	151	661	71	1,608
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	4,171	195	566	50	1,737
1998	39,010	24,887	5,651	2,189	3,810	193	560	96	1,624

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. 1992-1998 data include Trust Territories of American Samoa, Guam, Marianas Islands, Saipan, Micronesia, 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 1998

Year	Total	Female	Male
1981	48,867	28,517	20,350
1982	53,953	32,201	21,752
1983	42,481	24,665	17,816
1984	41,551	24,581	16,970
1985	45,269	26,860	18,409
1986	49,338	28,930	20,408
1987	56,350	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
1998	39,010	24,381	14,629

Source: Commission on Filipinos Overseas.

Table 1.12
NUMBER OF REGISTERED FILIPINO EMIGRANTS BY AGE
1981 to 1998

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	11,375	11,987	14,454	6,639	4,210	4,645	2,949	0
1996	60,926	12,168	13,486	13,363	7,267	5,432	5,600	3,610	0
1997	54,078	10,104	11,653	11,779	6,253	5,348	5,554	3,387	0
1998	39,010	7,206	8,977	9,226	4,812	3,487	3,161	2,141	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	540335	9,260	7,681	1,086	164	223	29
10	Northern Mindana	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	509180	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	72556	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 Exclusively 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	106286	23,862	54,931	16,904	61,392	140,211	24,682	149,569
10 Northern Mindana	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
Philippines	0.665	0.660
CAR		
Abra	0.457	0.560
Benguet	0.671	0.672
Ifugao	0.405	0.409
Kalinga Apayao	0.522	0.555
Mountain Province	0.506	0.541
1 Ilocos Region		
Ilocos Norte	0.652	0.649
Ilocos Sur	0.622	0.657
La Union	0.668	0.650
Pangasinan	0.585	0.629
2 Cagayan Valley		
Batanes	0.755	0.798
Cagayan	0.592	0.657
Isabela	0.571	0.653
Nueva Vizcaya	0.566	0.637
Quirino	0.510	0.557
3 Central Luzon	0.748	0.730
Bataan	0.790	0.763
Bulacan	0.628	0.657
Nueva Ecija	0.721	0.731
Pampanga	0.598	0.613
Tarlac	0.674	0.647
Zambales		
4 Southern Tagalog		
Aurora	0.590	0.600
Batangas	0.663	0.716
Cavite	0.723	0.840
Laguna	0.732	0.774
Marinduque	0.660	0.658
Occidental Mindoro	0.569	0.651
Oriental Mindoro	0.580	0.651
Palawan	0.550	0.545
Quezon	0.567	0.627
Rizal	0.823	0.813
Romblon	0.476	0.511
5 Bicol Region		
Albay	0.546	0.612
Camarines Norte	0.522	0.587
Camarines Sur	0.545	0.618
Catanduanes	0.510	0.591
Masbate	0.434	0.488
Sorsogon	0.469	0.544
6 Western Visayas		
Aklan	0.549	0.605
Antique	0.483	0.521
Capiz	0.451	0.525
Iloilo	0.562	0.607
Negros Occidental	0.547	0.577
7 Central Visayas		
Bohol	0.505	0.543
Cebu	0.550	0.584
Negros Oriental	0.501	0.544
Siquijor	0.474	0.539
8 Eastern Visayas		
Eastern Samar	0.753	0.580
Leyte	0.519	0.571
Northern Samar	0.462	0.473
Samar	0.398	0.487
Southern Leyte	0.513	0.592
9 Western Mindanao		
Basilan	0.345	0.427
Lanao del Norte	0.464	0.500
Misamis Occidental	0.524	0.593
Zamboanga del Norte	0.440	0.502
Zamboanga del Sur	0.502	0.543
10 Northern Mindanao		
Bukidnon	0.518	0.560
Camiguin	0.503	0.530
Misamis Oriental	0.525	0.595
11 Southern Mindanao		
Davao	0.554	0.613
Davao del Sur	0.532	0.518
Davao Oriental	0.506	0.526
12 Central Mindanao		
North Cotabato	0.464	0.500
Sultan Kudarat	0.533	0.563
South Cotabato	0.548	0.586
13 Caraga		
Agusan del Norte	0.502	0.559
Agusan del Sur	0.497	0.486
Surigao del Norte	0.547	0.568
Surigao del Sur	0.529	0.607
ARMM		
Lanao del Sur	0.434	0.445
Maguindanao	0.429	0.447
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 the 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. It excludes 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 Technical Staff of the National Statistical Coordination Board (NSCB) 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 1985 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 1985 as derived from the 1985 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 currently based on 1994 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: 1997***

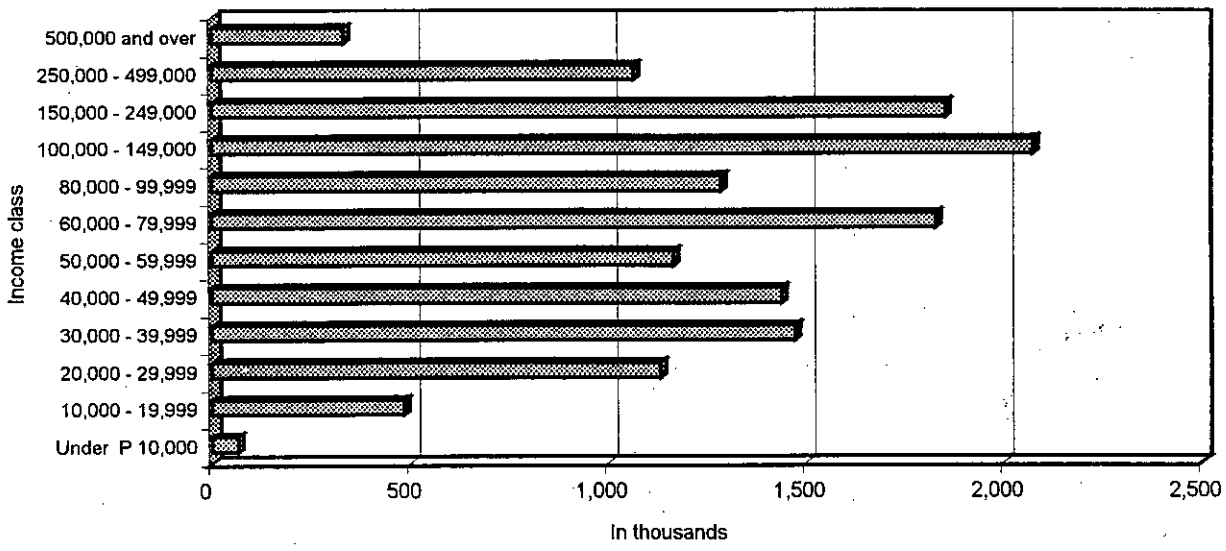

Figure 2.2 ***AVERAGE INCOME, EXPENDITURE AND SAVING BY REGION: 1997***

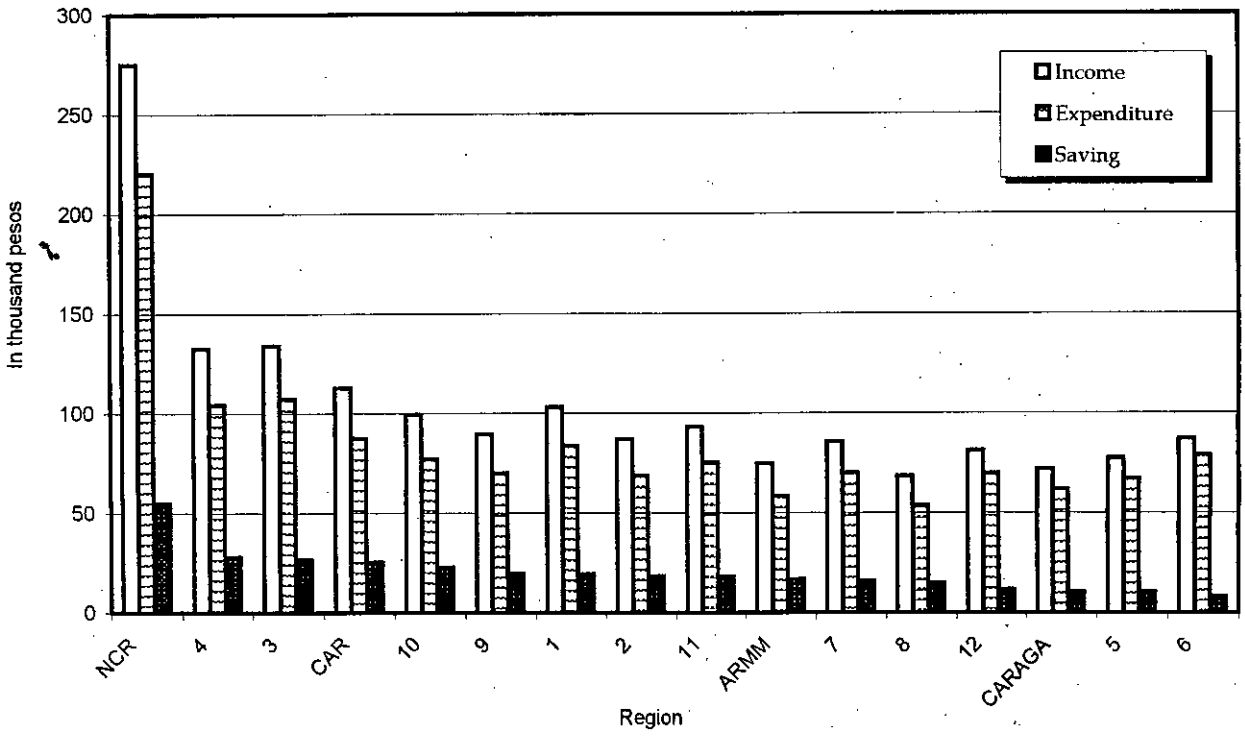

Table 2.1
TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL FAMILY INCOME AND EXPENDITURE BY INCOME CLASS, PHILIPPINES 1988, 1991, 1994, and 1997

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 [a]	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

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

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

Source: National Statistics Office.

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	14,192,462	1,748,060,769	123,168	1,412,677,414	99,537
Under P 10,000	66,917	528,794	7,902	636,280	9,508
10,000 - 19,999	482,827	7,776,816	16,107	8,831,474	18,291
20,000 - 29,999	1,132,664	28,690,522	25,330	31,160,646	27,511
30,000 - 39,999	1,473,041	51,678,003	35,083	52,742,894	35,805
40,000 - 49,999	1,438,575	64,564,566	44,881	63,148,461	43,897
50,000 - 59,999	1,163,897	63,844,551	54,854	60,907,808	52,331
60,000 - 79,999	1,828,642	127,076,582	69,492	116,593,661	63,760
80,000 - 99,999	1,285,026	114,918,993	89,429	102,743,805	79,955
100,000 - 149,000	2,072,417	253,681,486	122,409	217,153,811	104,783
150,000 - 249,000	1,853,665	354,311,713	191,141	283,906,961	153,160
250,000 - 499,000	1,063,498	351,005,380	330,048	263,024,866	247,321
500,000 and over	331,293	329,983,362	996,047	211,826,747	639,394

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				
		Income		Expenditure	
	Total number of families	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	1994				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
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
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

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

Source: National Statistics Office.

Table 2.2 (continued)

Income class	1997				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	6,750,641	1,202,432,535	178,121	951,539,769	140,955
Under P 10,000	8,111	61,738	7,612	64,943	8,007
10,000 - 19,999	82,827	1,322,836	15,971	1,543,181	18,631
20,000 - 29,999	181,310	4,637,474	25,578	5,071,423	27,971
30,000 - 39,999	297,082	10,427,323	35,099	10,679,412	35,948
40,000 - 49,999	367,272	16,535,911	45,024	16,316,058	44,425
50,000 - 59,999	372,881	20,479,028	54,921	19,859,065	53,258
60,000 - 79,999	816,428	57,181,662	70,039	53,982,387	66,120
80,000 - 99,999	715,339	64,217,418	89,772	59,161,270	82,704
100,000 - 149,000	1,348,750	165,828,490	122,950	145,296,979	107,727
150,000 - 249,000	1,391,201	267,179,346	192,049	218,908,247	157,352
250,000 - 499,000	870,693	289,107,219	332,043	221,461,652	254,351
500,000 and over	298,748	305,454,090	1,022,447	199,195,152	666,766
RURAL					
Total	7,441,821	545,628,235	73,319	461,137,646	61,966
Under P 10,000	58,806	467,055	7,942	571,337	9,716
10,000 - 19,999	400,000	6,453,980	16,135	7,288,293	18,221
20,000 - 29,999	951,354	24,053,048	25,283	26,089,223	27,423
30,000 - 39,999	1,175,959	41,250,680	35,078	42,063,482	35,770
40,000 - 49,999	1,071,302	48,028,655	44,832	46,832,403	43,715
50,000 - 59,999	791,015	43,365,524	54,823	41,048,743	51,894
60,000 - 79,999	1,012,215	69,894,920	69,051	62,611,274	61,856
80,000 - 99,999	569,687	50,701,575	88,999	43,582,535	76,503
100,000 - 149,000	723,667	87,852,997	121,400	71,856,833	99,295
150,000 - 249,000	462,464	87,132,366	188,409	64,998,713	140,549
250,000 - 499,000	192,806	61,898,162	321,039	41,563,214	215,570
500,000 and over	32,545	24,529,272	753,703	12,631,594	388,127

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

	Region	Total number of families	Average Income	Average Expenditures	Saving
	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 Expenditures	Saving
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	14,192,462	123,168	99,537	23,631
NCR Metro Manila	1,991,987	270,993	217,840	53,153
CAR Cordillera Administrative Region	259,033	112,361	86,924	25,437
1 Ilocos Region	777,937	102,597	83,307	19,290
2 Cagayan Valley	587,123	86,822	68,556	18,266
3 Central Luzon	1,435,994	133,130	105,558	27,572
4 Southern Tagalog	1,938,287	132,363	104,002	28,361
5 Bicol Region	968,877	77,132	67,012	10,120
6 Western Visayas	1,249,979	86,770	78,612	8,158
7 Central Visayas	1,046,159	85,215	69,569	15,646
8 Eastern Visayas	751,367	67,772	53,039	14,733
9 Western Mindanao	556,753	87,294	67,456	19,838
10 Northern Mindanao	528,138	99,486	76,715	22,771
11 Southern Mindanao	890,383	94,408	76,136	18,272
12 Central Mindanao	449,538	81,093	68,519	12,574
13 CARAGA	404,819	71,726	61,815	9,911
ARMM Autonomous Region for Muslim Mindanao	356,087	74,885	57,546	17,339

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)

Expenditure class	Total number of families (hundreds)	1991 Income Total (thousand pesos)	1991 Income Average (pesos)	1991 Expenditure Total (thousand pesos)	1991 Expenditure 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 EXPENDITURE BY EXPENDITURE CLASS, URBAN AND RURAL
1988, 1991, 1994 and 1997

Expenditure class	1994				
	Total number of families	Income		Expenditure	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	6,347,291	718,010,189	113,121	578,333,617	91,115
Under P 10,000	33,588	304,259	9,059	252,446	7,516
10,000 - 19,999	252,270	5,091,802	20,184	4,078,141	16,166
20,000 - 29,999	527,670	16,210,224	30,720	13,303,232	25,211
30,000 - 39,999	673,746	29,030,235	43,088	23,590,732	35,014
40,000 - 49,999	659,133	36,227,945	54,963	29,614,278	44,929
50,000 - 59,999	600,154	40,404,120	67,323	33,035,454	55,045
60,000 - 79,999	1,015,259	87,910,793	86,590	70,651,640	69,590
80,000 - 99,999	726,944	79,525,082	109,396	64,958,092	89,358
100,000 - 149,000	994,326	148,033,210	148,878	120,478,315	121,166
150,000 - 249,000	609,228	140,592,849	230,772	113,866,292	186,902
250,000 - 499,000	215,298	91,170,240	423,460	71,151,203	330,477
500,000 and over	39,676	43,509,430	1,096,624	33,353,792	840,658
RURAL					
Total	6,407,653	342,699,764	53,483	284,674,700	44,427
Under P 10,000	152,481	1,490,499	9,775	1,180,289	7,741
10,000 - 19,999	880,875	17,018,626	19,320	13,911,091	15,792
20,000 - 29,999	1,450,514	43,109,017	29,720	36,312,189	25,034
30,000 - 39,999	1,249,796	51,766,203	41,420	43,454,947	34,770
40,000 - 49,999	842,703	43,625,081	51,768	37,503,576	44,504
50,000 - 59,999	598,500	38,751,805	64,748	32,725,278	54,679
60,000 - 79,999	590,595	48,864,393	82,738	40,607,430	68,757
80,000 - 99,999	273,049	30,728,683	112,539	24,227,920	88,731
100,000 - 149,000	253,076	36,657,216	144,847	30,134,624	119,073
150,000 - 249,000	93,956	22,716,735	241,782	17,629,120	187,632
250,000 - 499,000	20,826	7,144,407	343,059	6,106,771	293,234
500,000 and over	1,283	827,099	644,761	881,465	687,141

Table 2.4 (continued)

Expenditure class	1997				
		Income		Expenditure	
	Total number of families	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
URBAN					
Total	6,750,641	1,202,432,535	178,121	951,539,769	140,955
Under P 10,000	10,775	102,804	9,541	85,078	7,896
10,000 - 19,999	82,710	1,573,182	19,020	1,334,675	16,137
20,000 - 29,999	233,771	7,291,911	31,193	5,982,815	25,593
30,000 - 39,999	356,170	15,182,638	42,628	12,575,505	35,308
40,000 - 49,999	461,231	25,033,497	54,275	20,817,957	45,136
50,000 - 59,999	467,062	32,422,904	69,419	25,670,580	54,962
60,000 - 79,999	949,347	81,550,113	85,901	66,506,396	70,055
80,000 - 99,999	805,231	89,096,667	110,647	72,179,905	89,639
100,000 - 149,000	1,479,229	224,720,333	151,917	181,152,382	122,464
150,000 - 249,000	1,187,669	284,781,737	239,782	226,704,556	190,882
250,000 - 499,000	567,639	242,163,976	426,616	187,697,321	330,663
500,000 and over	149,808	198,512,771	1,325,115	150,832,600	1,006,839
RURAL					
Total	7,441,821	545,628,235	73,319	461,137,646	61,966
Under P 10,000	59,415	551,562	9,283	478,753	8,058
10,000 - 19,999	427,028	8,221,723	19,253	6,920,318	16,206
20,000 - 29,999	1,000,212	28,979,639	28,973	25,506,924	25,502
30,000 - 39,999	1,343,127	52,862,621	39,358	46,949,750	34,956
40,000 - 49,999	1,179,664	58,548,178	49,631	52,779,744	44,741
50,000 - 59,999	847,298	51,552,663	60,844	46,461,738	54,835
60,000 - 79,999	1,016,674	80,658,305	79,335	70,203,052	69,052
80,000 - 99,999	558,348	59,176,101	105,984	49,757,465	89,116
100,000 - 149,000	602,871	88,717,160	147,158	72,314,002	119,949
150,000 - 249,000	326,949	78,438,529	239,911	60,830,908	186,056
250,000 - 499,000	69,776	30,046,240	430,610	22,585,640	323,688
500,000 and over	10,459	7,875,514	752,989	6,349,351	607,071

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

Source: National Statistics Office.

Table 2.5
AVERAGE FAMILY INCOME AND EXPENDITURE BY FAMILY SIZE AND INCOME CLASS
1988, 1991, 1994 and 1997

Family Size	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
Philippines										
No. of families	10,533,925	179,240	632,701	1,418,339	1,412,363	2,265,258	1,382,995	1,476,584	1,109,936	656,509
Average income	40,408	4,625	8,254	12,640	17,467	24,629	34,694	48,749	75,385	179,092
Ave. expenditure	32,521	5,552	9,025	12,769	16,700	22,326	30,209	40,604	59,293	115,851
One person										
No. of families	266,396	67,187	60,683	55,342	21,996	22,980	14,741	11,811	7,815	3,840
Average income	18,150	4,248	7,823	12,150	16,941	24,340	34,948	47,766	74,121	211,434
Ave. expenditure	14,745	4,190	6,893	10,304	14,266	19,338	26,135	39,155	63,436	144,889
Two persons										
No. of families	717,429	44,729	127,664	142,650	94,450	136,330	63,279	48,195	37,744	22,389
Average income	27,123	4,646	7,956	12,385	17,416	24,183	34,400	48,652	74,325	187,600
Ave. expenditure	21,176	4,949	7,700	11,069	15,385	20,293	28,169	37,516	52,679	116,598
Three persons										
No. of families	1,261,085	31,274	112,782	237,217	203,852	265,925	136,546	137,429	83,912	52,147
Average income	32,359	5,024	8,273	12,428	17,408	24,381	34,694	48,631	76,301	170,934
Ave. expenditure	25,912	6,370	9,243	11,837	15,524	20,758	28,935	38,697	57,698	111,839
Four persons										
No. of families	1,814,071	15,335	117,614	280,724	253,488	398,328	231,526	248,726	180,756	87,575
Average income	37,837	5,096	8,439	12,689	17,357	24,598	34,678	48,858	74,100	185,370
Ave. expenditure	30,211	7,065	9,225	12,579	16,337	22,300	29,640	39,821	57,643	112,697
Five persons										
No. of families	1,968,642	10,603	95,394	254,033	270,515	448,923	248,484	288,210	219,467	133,012
Average income	42,036	5,002	8,379	12,819	17,521	24,675	34,927	48,242	74,963	178,880
Ave. expenditure	33,424	8,247	9,720	13,126	16,706	22,107	29,917	41,990	58,437	110,112
Six persons										
No. of families	1,664,411	3,553	50,662	189,861	227,363	372,813	245,241	277,579	193,177	104,162
Average income	42,849	5,244	8,451	12,630	17,403	24,628	34,543	49,200	74,580	180,484
Ave. expenditure	34,880	7,278	10,347	13,348	17,083	22,772	30,617	40,953	58,822	118,636
Seven persons										
No. of families	1,182,094	3,576	39,675	130,406	164,513	255,971	186,496	172,412	147,142	81,903
Average income	43,231	4,495	8,632	12,887	17,524	24,549	34,527	48,554	76,845	168,237
Ave. expenditure	36,025	8,517	11,204	14,111	17,783	22,858	31,215	40,814	62,058	116,031
Eight persons										
No. of families	789,723	1,590	22,224	74,049	97,719	178,584	119,527	127,412	105,125	63,493
Average income	46,037	3,420	8,344	12,767	17,720	25,059	34,565	48,476	76,155	168,525
Ave. expenditure	37,886	18,739	10,025	14,749	17,887	23,615	30,459	40,370	62,988	113,452
Nine persons										
No. of families	414,092	646	3,322	34,722	42,813	99,504	62,472	65,360	63,418	41,835
Average income	52,755	4,862	8,452	12,739	17,851	24,855	35,022	49,137	76,691	188,250
Ave. expenditure	43,101	7,316	10,985	14,692	18,561	23,948	31,438	41,593	60,359	134,062
Ten or more persons										
No. of families	455,983	747	2,681	19,335	35,654	85,900	74,685	99,449	71,380	66,152
Average income	62,567	5,729	8,495	13,238	17,611	25,175	35,020	49,443	76,427	188,476
Ave. expenditure	47,742	8,655	9,664	16,068	18,006	24,390	32,522	41,159	60,201	118,971

Table 2.5 (continued)

1991[4]									
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
119,754	19,540	21,456	17,317	12,509	9,787	12,344	7,724	16,105	2,973
65,186	14,338	24,876	34,731	44,725	54,723	69,024	89,315	145,701	473,488
51,991	15,065	23,746	31,059	39,073	46,544	58,392	73,212	112,180	285,008
3,192	1,920	456	287	126	87	135	64	89	29
29,630	10,969	23,917	33,844	44,507	55,168	69,620	88,754	142,161	510,617
24,266	9,728	19,277	26,952	31,829	38,082	57,695	56,680	103,683	493,634
8,521	3,444	1,613	1,040	634	410	572	252	458	99
42,083	13,024	24,174	34,901	44,634	54,623	68,757	90,025	137,425	631,546
32,616	12,514	21,409	27,910	36,368	41,723	54,779	69,813	100,071	365,575
14,267	3,391	2,938	2,089	1,155	945	1,215	761	1,536	238
55,703	14,290	24,640	34,783	44,979	54,723	68,725	89,013	144,617	521,374
42,541	14,371	22,450	29,513	37,219	44,701	56,020	67,758	107,434	254,871
20,640	3,249	4,046	3,046	2,238	1,739	2,055	1,254	2,636	378
62,130	15,170	24,840	34,610	44,802	54,782	69,179	89,749	146,412	504,927
49,404	15,864	23,106	30,459	38,029	46,072	59,162	73,196	110,023	299,548
22,931	2,853	4,375	3,363	2,513	1,939	2,587	1,730	3,046	525
64,812	15,264	24,867	34,661	44,642	54,768	69,017	88,698	144,879	429,736
52,531	16,680	23,608	31,103	39,012	47,433	57,750	72,312	114,636	257,920
18,768	2,195	3,286	2,933	2,164	1,648	1,973	1,295	2,707	567
68,578	15,385	25,108	34,974	44,529	54,626	68,895	89,324	146,677	411,018
55,787	17,609	24,761	32,034	39,789	46,927	58,211	76,061	114,789	256,485
12,944	1,273	2,200	1,988	1,479	1,141	1,461	947	2,073	382
77,695	15,832	24,988	34,626	44,696	54,486	69,522	89,444	145,893	640,226
58,631	18,129	25,239	32,133	39,921	47,614	59,639	74,099	112,901	292,252
8,411	716	1,402	1,290	992	789	1,016	530	1,411	266
72,090	15,615	25,563	34,794	44,876	54,949	68,923	90,217	144,746	392,775
61,737	18,264	25,899	32,631	39,745	47,073	59,139	71,747	111,736	358,752
5,074	345	694	775	602	529	676	418	847	188
77,546	15,430	24,819	34,595	44,896	54,775	68,630	89,290	148,192	420,408
63,101	19,530	25,937	32,576	42,289	47,652	60,247	74,604	113,206	275,715
5,005	156	447	506	607	560	654	474	1,301	299
99,346	16,433	26,030	34,902	44,794	54,791	69,157	89,327	147,696	426,737
78,751	20,653	27,430	33,346	42,123	47,785	60,895	80,173	114,485	276,132

Table 2.5 (continued)
AVERAGE FAMILY INCOME AND EXPENDITURE BY FAMILY SIZE AND INCOME CLASS
1988, 1991, 1994 and 1997

Family Size	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
Philippines										
No. of families	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
Average income	83,161	14,721	25,175	34,915	44,815	54,827	69,239	89,418	149,164	433,276
Ave. expenditure	67,661	15,671	24,685	32,851	40,852	48,480	60,014	76,366	117,706	295,975
One person										
No. of families	341,631	169,658	46,423	30,689	25,638	13,952	21,354	8,222	22,877	2,817
Average income	38,943	11,507	24,164	34,594	44,163	54,901	68,960	88,779	142,550	641,224
Ave. expenditure	32,449	10,445	20,024	29,553	39,184	42,357	56,445	67,030	114,676	532,939
Two persons										
No. of families	911,679	261,282	194,622	109,941	65,109	57,319	72,362	42,091	91,812	17,141
Average income	52,901	14,167	24,621	34,690	44,804	54,459	68,502	89,003	142,397	472,886
Ave. expenditure	41,267	13,657	21,852	29,528	38,043	42,952	53,198	71,278	103,045	309,496
Three persons										
No. of families	1,542,055	195,222	252,178	206,402	164,274	131,988	180,592	108,776	266,680	35,945
Average income	70,908	15,349	24,896	34,727	44,861	54,527	69,288	88,802	146,106	478,502
Ave. expenditure	57,189	16,262	23,314	31,313	39,166	46,987	56,913	75,885	111,235	329,358
Four persons										
No. of families	2,190,630	143,370	308,840	314,662	241,838	208,419	283,871	191,474	418,622	79,532
Average income	80,349	16,184	25,045	34,923	44,769	54,747	69,314	89,720	147,778	427,685
Ave. expenditure	65,423	17,546	24,080	32,059	39,836	48,367	59,397	74,332	116,873	296,031
Five persons										
No. of families	2,385,773	121,205	299,912	302,086	277,451	205,260	354,865	222,749	509,032	93,214
Average income	84,750	15,904	25,316	35,034	44,820	54,982	69,259	89,468	150,170	401,462
Ave. expenditure	69,400	17,776	25,447	33,159	41,111	48,981	59,677	76,355	119,824	269,585
Six persons										
No. of families	1,996,750	81,051	237,208	271,660	226,846	187,115	290,101	184,241	418,061	100,467
Average income	90,799	15,554	25,612	34,950	44,770	54,877	69,283	89,669	150,822	441,686
Ave. expenditure	73,485	19,239	26,015	33,687	41,219	48,973	61,570	76,311	119,452	293,383
Seven persons										
No. of families	1,477,855	58,393	149,495	197,169	172,927	144,738	224,700	135,069	326,690	68,675
Average income	90,141	15,970	25,205	34,979	44,811	54,921	69,084	89,350	150,149	426,314
Ave. expenditure	74,545	19,386	26,739	34,121	42,015	48,944	60,974	79,511	118,634	302,337
Eight persons										
No. of families	899,654	32,629	93,253	111,706	110,126	94,724	124,248	82,746	205,274	44,949
Average income	92,085	15,571	26,051	35,141	44,793	55,190	69,598	89,105	150,272	420,680
Ave. expenditure	75,228	19,903	27,247	34,623	42,451	49,738	63,637	79,071	117,732	280,726
Nine persons										
No. of families	512,070	12,087	43,441	67,592	57,599	50,824	65,317	50,132	134,296	30,783
Average income	97,923	16,414	25,520	34,897	44,967	54,864	68,368	89,683	146,932	402,989
Ave. expenditure	80,984	21,664	27,406	34,970	42,186	51,303	60,812	77,400	119,156	284,622
Ten or more persons										
No. of families	496,847	7,907	19,051	40,989	49,247	39,088	80,614	48,815	162,270	48,866
Average income	129,051	18,011	26,107	34,666	45,298	54,464	69,947	89,351	153,564	466,151
Ave. expenditure	103,005	22,836	29,559	35,834	43,687	50,986	63,175	77,276	124,965	320,828

- Figures are expressed in hundreds.

Source: National Statistics Office.

Table 2.5 (continued)

1997									
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
14,192,462	549,743	1,132,664	1,473,041	1,438,575	1,163,897	1,828,642	1,285,026	3,926,082	1,394,792
123,168	15,108	25,330	35,083	44,881	54,854	69,492	89,429	154,860	488,237
99,537	17,222	27,511	35,805	43,897	52,331	63,760	79,955	127,624	340,446
415,207	137,815	73,992	46,289	23,542	19,919	30,226	22,519	48,120	12,786
72,825	13,057	24,499	34,693	44,576	54,267	68,508	88,798	150,648	904,866
52,561	13,008	23,621	30,029	38,759	45,175	55,163	73,331	114,634	488,504
1,141,131	150,782	194,438	148,136	121,647	83,176	130,206	70,047	191,314	51,386
78,844	14,770	24,939	34,557	44,632	54,590	69,438	89,328	149,179	466,424
62,927	15,928	24,210	32,455	38,422	48,319	57,743	72,157	116,038	319,664
1,836,529	96,643	196,823	243,444	192,413	140,523	224,250	151,140	467,583	123,711
101,866	15,920	25,122	35,019	44,726	54,583	69,643	88,930	152,708	447,285
80,864	17,780	26,418	34,433	41,966	49,499	61,922	77,730	119,916	294,822
2,607,331	68,381	208,603	283,610	280,475	221,214	326,552	250,873	730,075	237,548
117,535	16,662	25,375	34,941	44,926	54,805	69,482	89,566	153,549	455,174
96,534	20,768	27,768	35,432	43,928	51,829	63,251	79,236	126,661	326,849
2,676,707	37,118	177,579	275,173	280,572	222,022	371,207	263,010	777,557	272,469
126,443	16,517	25,554	35,235	45,030	54,818	69,580	89,500	153,616	477,069
104,204	21,783	28,826	36,429	44,373	53,190	65,037	81,206	128,320	342,921
2,131,754	24,848	125,886	203,082	218,945	185,564	282,285	197,648	658,345	235,151
135,387	16,743	25,641	35,185	44,992	55,028	69,088	89,524	157,468	497,107
107,338	22,661	31,001	37,300	45,255	53,032	64,535	81,126	131,078	325,243
1,443,125	19,675	78,438	132,948	159,068	121,075	206,589	137,764	416,256	171,313
149,643	16,470	25,946	35,525	44,782	55,205	69,745	88,982	154,209	608,278
121,854	21,752	29,480	38,448	46,023	53,275	64,980	80,609	129,109	443,378
907,596	8,497	46,466	72,942	84,249	86,574	133,376	86,942	270,455	118,096
134,271	17,067	25,950	35,300	44,919	54,944	69,340	89,609	155,579	425,762
112,010	22,554	31,062	37,667	46,900	54,861	66,459	82,124	132,005	312,215
491,160	3,361	20,916	43,585	46,120	43,928	61,834	39,607	164,228	67,580
145,341	17,689	25,689	35,077	44,844	54,509	70,513	89,728	157,485	459,009
117,246	23,388	30,501	38,940	44,109	55,362	66,534	82,266	131,935	320,609
541,924	2,625	9,524	23,832	31,546	39,901	62,118	65,477	202,149	104,753
180,935	16,589	25,921	35,674	44,970	55,444	69,376	90,331	165,492	473,528
140,249	24,792	31,316	40,214	47,608	57,289	66,092	84,245	136,633	321,261

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

Source of income	1988	1991	1994	1997
Total	100.0	100.0	100.0	100.0
Wages and salaries	43.3	41.7	44.0	45.6
Agricultural	5.0	4.0	4.0	3.2
Non-agricultural	38.3	37.6	40.0	42.2
Entrepreneurial activities	29.8	30.5	27.7	26.2
Crop farming and gardening	9.9	8.9	8.6	7.0
Livestock and poultry raising	1.1	1.1	1.1	0.9
Wholesale and retail trade	9.7	9.7	9.1	8.7
Manufacturing	2.1	1.8	2.0	2.0
Other Entrepreneurial activiti	7.0	9.0	6.9	7.6
Other sources of income	26.9	27.8	28.3	28.2
Net share of crops	1.5	1.5	1.1	0.9
Receipts from abroad	7.5	8.4	8.0	6.8
Rental value of occupied dwe	7.9	8.4	9.4	10.3
Family sustenance activities	2.2	1.9	1.8	1.3
Other sources	7.8	7.6	8.0	8.9

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
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	3.5
Fourth decile	5.0	4.7	4.9	4.3
Fifth decile	6.0	5.7	6.0	5.4
Sixth decile	7.3	7.0	7.4	6.8
Seventh decile	9.1	8.8	9.1	8.7
Eighth decile	11.6	11.4	11.8	11.5
Ninth decile	16.0	16.1	16.4	16.2
Tenth decile	35.8	37.8	35.5	39.3

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
Total family expenditures (in thousand pesos)	342,578,100	622,616,202	863,008,317	1,412,677,414
Percent	100.00	100.00	100.00	100.00
Food	50.7	48.5	47.8	44.2
Food consumed at home	47.3	44.7	43.5	39.5
Food regularly consumed outside the home	3.4	3.8	4.2	4.7
Alcoholic beverages	1.1	1.0	0.9	0.9
Tobacco	2.1	1.7	1.4	1.3
Housing	12.8	13.5	14.1	15.3
Fuel, light and water	5.2	5.7	5.5	5.3
Household furnishings and equipment	2.2	2.4	3.1	3.3
Household operations	2.5	2.7	2.6	2.3
Clothing, footwear & other wear	4.2	3.7	3.5	3.3
Personal care and effects	3.3	3.3	3.2	3.3
Medical care	1.7	1.8	2.3	2.2
Transportation & communication	4.7	5.4	4.7	5.6
Recreation	0.5	0.4	0.4	0.4
Education	2.9	3.0	3.7	3.7
Gifts and contributions to others	1.0	1.0	1.0	1.0
Taxes	1.1	1.4	1.4	2.5
Special occassions	2.3	2.4	2.6	2.4
Other expenditures	1.8	1.9	1.7	3.0

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 [a] (Pesos)	Magnitude of Poor Families [b]	Incidence of Poor Families [c]	Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Families [b]	Incidence of Poor Families [c]
Philippines	4,777	4,230,484	40.2	7,302	4,780,865	39.9
NCR	6,576	310,284	21.6	9,286	217,602	13.2
CAR	5,116	89,572	41.9	8,332	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	264,096	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 [d]	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 [a] (Pesos)	Magnitude of Poor Population [b]	Incidence of Poor Population [c]	Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Population [b]	Incidence of Poor Population [c]
Philippines	4,777	25,005,345	49.5	7,302	28,119,758	45.3
NCR	6,576	1,909,886	25.2	9,286	1,439,613	16.7
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	1,928,391	55.3
2 Cagayan Valley	4,573	961,787	44.6	7,035	1,156,072	48.9
3 Central Luzon	5,242	1,835,976	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	2,430,346	61.4	6,385	2,707,612	61.3
6 Western Visayas	4,344	2,864,736	56.6	6,403	2,964,722	52.9
7 Central Visayas	3,711	2,154,799	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	1,347,962	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	2,240,911	51.6
12 Central Visayas [d]	4,147	1,109,761	41.0	7,321	1,233,513	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		
Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Families [b]	Incidence of Poor Families [c]	Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Families [b]	Incidence of Poor Families [c]
8,885	4,531,170	35.5	11,319	4,511,151	31.8
11,230	141,671	8.0	14,299	127,873	6.4
10,853	122,942	51.0	12,836	110,142	42.5
10,022	338,327	47.9	11,975	294,081	37.8
8,316	185,708	35.5	9,880	188,286	32.1
9,757	321,212	25.2	11,839	221,145	15.4
9,537	514,527	29.7	12,452	497,858	25.7
8,319	483,954	55.1	10,378	485,356	50.1
8,197	487,794	43.0	10,560	498,405	39.9
6,425	311,889	32.7	8,718	360,159	34.4
6,444	262,859	37.9	8,727	308,788	40.8
7,074	227,259	44.7	9,732	223,219	40.1
7,938	361,057	49.2	10,440	386,420	47.0
8,201	357,615	40.3	10,503	382,668	38.2
8,971	216,275	54.7	11,119	224,558	50.0
8,889	198,081	60.0	11,134	204,195	57.3

Table 2.10 (continued)

1994			1997		
Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Population [b]	Incidence of Poor Population [c]	Annual Per Capita Poverty Threshold [a] (Pesos)	Magnitude of Poor Population [b]	Incidence of Poor Population [c]
8,885	27,274,205	40.6	11,319	26,768,532	36.8
11,230	975,263	10.5	14,299	873,555	8.5
10,853	746,562	56.4	12,836	677,955	50.1
10,022	1,971,779	53.6	11,975	1,769,743	44.1
8,316	1,093,828	42.1	9,880	1,074,401	38.0
9,757	2,046,167	29.2	11,839	1,388,292	18.5
9,537	3,058,537	34.9	12,452	2,916,524	30.0
8,319	2,869,319	60.8	10,378	2,920,426	57.0
8,197	3,011,027	49.9	10,560	2,864,967	45.9
6,425	1,801,745	37.5	8,718	2,029,506	38.9
6,444	1,563,152	44.8	8,727	1,797,693	48.5
7,074	1,360,155	50.6	9,732	1,307,762	45.5
7,938	2,143,280	54.1	10,440	2,243,939	52.7
8,201	2,198,352	45.6	10,503	2,270,705	44.3
8,971	1,272,616	58.7	11,119	1,320,859	55.8
8,889	1,162,423	65.3	11,134	1,312,207	62.5

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

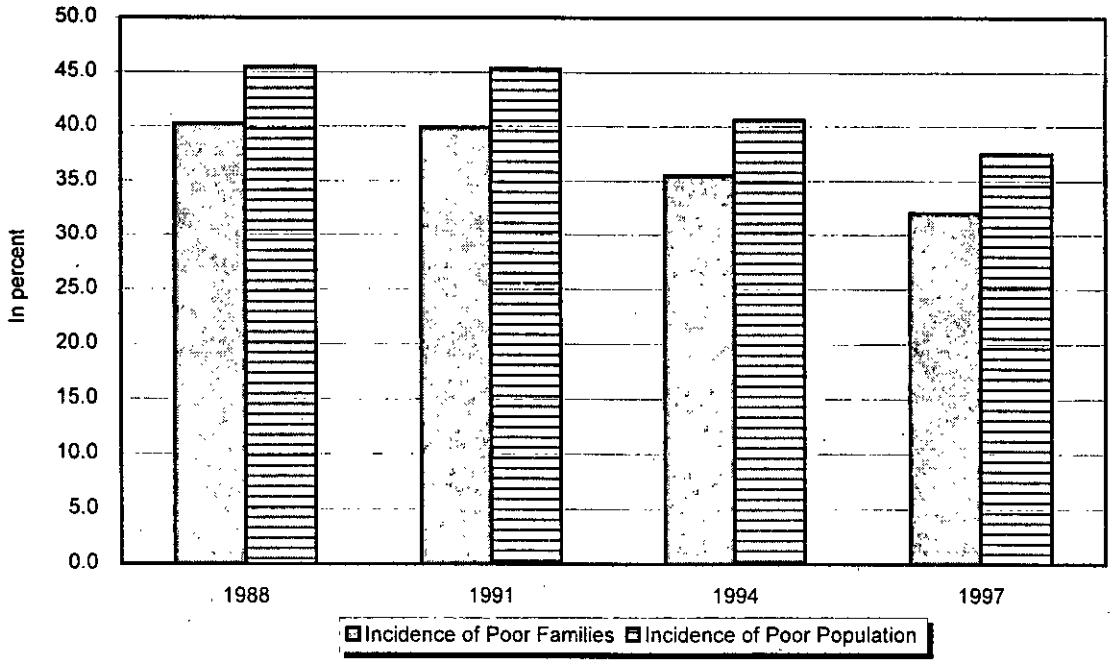

Figure 2.4 MAGNITUDE OF POOR POPULATION AND MAGNITUDE OF POOR FAMILIES, PHILIPPINES: 1988, 1991,1994 and 1997

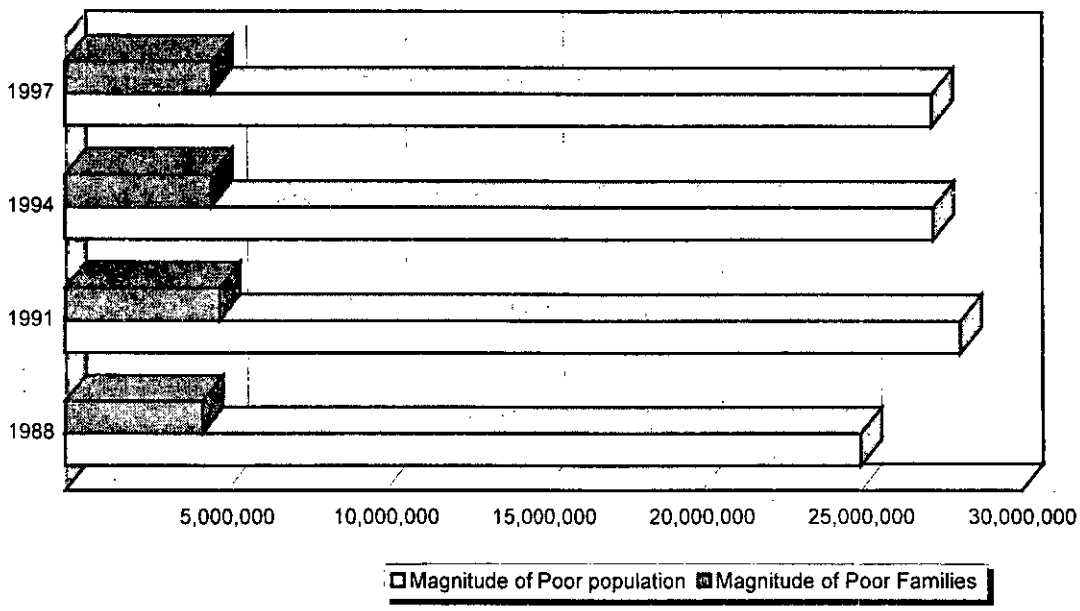

Figure 2.5 *PERCENTAGE DISTRIBUTION OF INCOME RECEIVED FROM SELECTED SOURCES: 1994 and 1997*

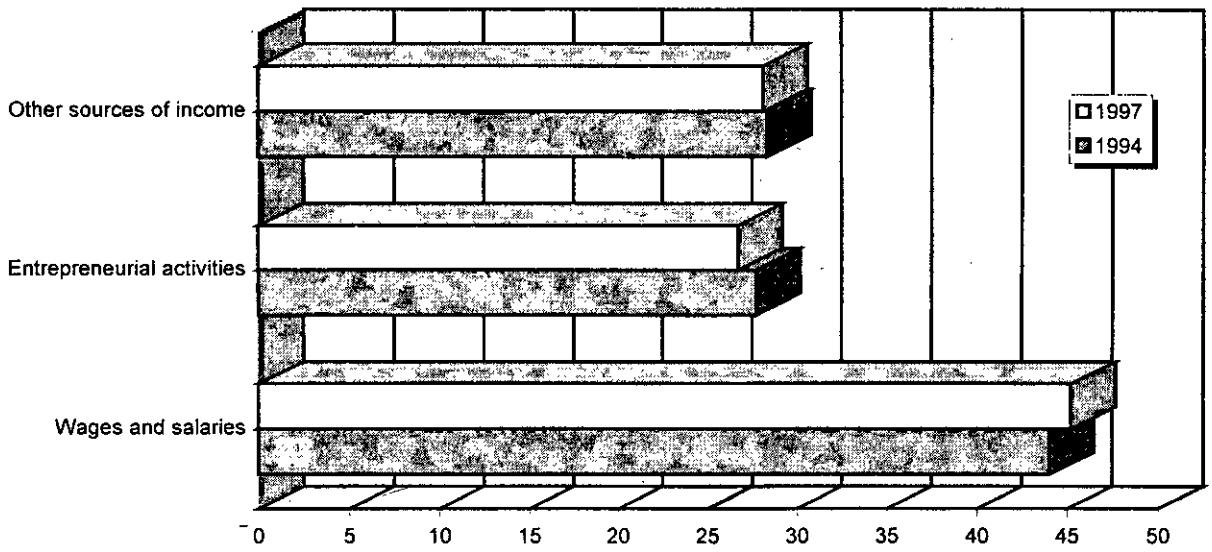

Figure 2.6 *ANNUAL PER CAPITA POVERTY THRESHOLDS OF FAMILIES BY REGION: 1994 and 1997*

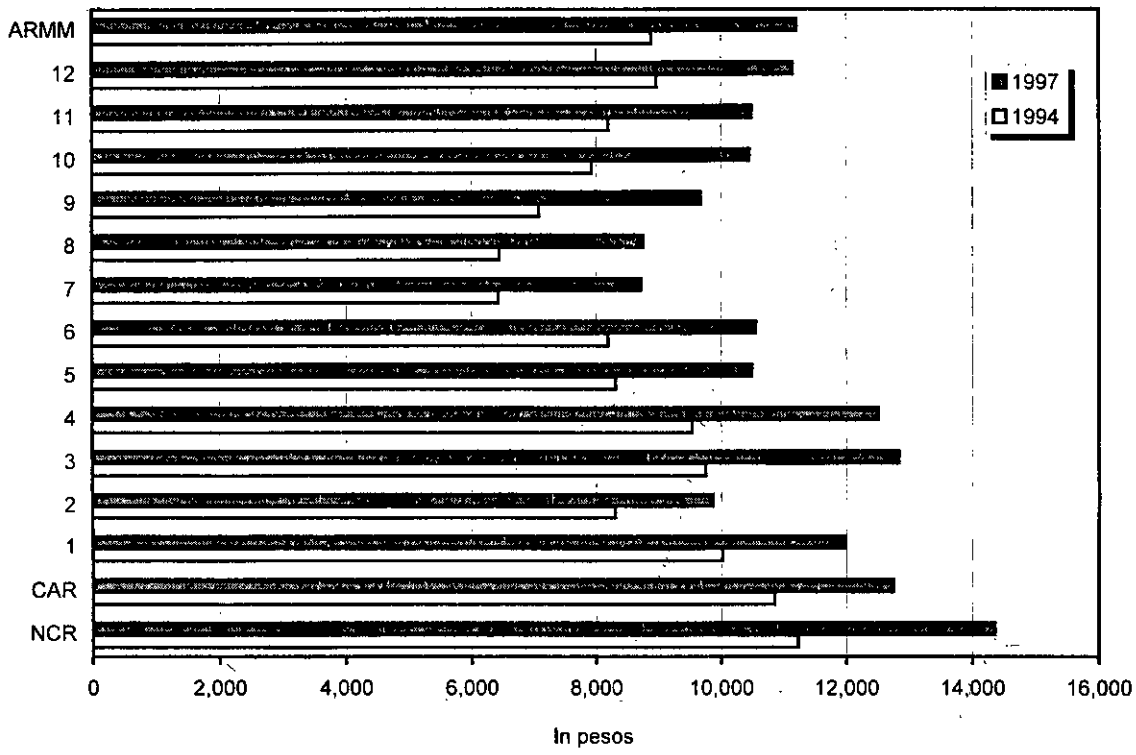

Table 2.11
CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND INFLATION RATE
1990 to 1999
(1994=100)

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 (%)
1990	67.1	13.2	62.7	15.7	68.8	12.4
1991	79.5	18.5	75.6	20.6	81.0	17.7
1992	86.3	8.6	83.8	10.8	87.4	7.9
1993	92.3	6.9	91.6	9.3	92.5	5.8
1994	100.0	8.4	100.0	9.2	100.0	8.1
1995	108.0	8.0	108.2	8.2	108.0	8.0
1996	117.8	9.0	117.3	8.5	118.0	9.3
1997	124.8	5.9	125.1	6.6	124.6	5.6
January	121.5	5.5	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	5.1	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	5.8	125.7	7.1	124.5	5.2
August	125.5	5.5	125.9	6.2	125.4	5.2
September	126.6	6.5	126.2	6.6	126.7	6.4
October	127.2	7.0	127.0	6.8	127.3	6.9
November	128.0	7.5	127.5	7.0	128.2	7.6
December	128.7	7.3	128.8	7.0	128.6	7.3
1998	136.9	9.7	137.9	10.2	136.5	9.6
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	137.2	10.6
July	138.1	10.7	138.8	10.4	137.9	10.8
August	138.8	10.6	139.3	10.6	138.6	10.5
September	139.3	10.0	139.7	10.7	139.2	9.9
October	140.1	10.1	140.8	10.9	139.8	9.8
November	142.3	11.2	142.5	11.8	142.2	10.9
December	142.0	10.3	142.6	10.7	141.8	10.3
1999						
January	145.0	11.5	144.9	10.4	145.0	11.9
February	145.0	9.9	144.4	8.7	145.2	10.4
March	144.6	8.7	144.0	7.5	144.8	9.2
April	144.4	7.9	144.0	6.7	144.6	8.5
May	144.5	6.7	143.8	4.1	144.7	7.7
June	145.7	5.7	145.0	3.9	146.0	6.4

Note: Data are as of July 1999.
Source: National Statistics Office.

Table 2.12
CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS BY MAJOR COMMODITY GROUP, PHILIPPINES
1990 to 1999
(1994=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1990	67.1	71.0	69.1	57.4	66.3	60.9	67.2
1991	79.5	82.0	80.5	68.4	83.1	80.5	78.1
1992	86.3	87.7	89.3	79.5	88.2	86.2	87.1
1993	92.3	92.7	95.4	88.8	93.9	92.5	93.0
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
1997	124.8	124.5	119.3	135.7	119.4	129.6	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	136.0	118.5	131.4	106.1
August	125.6	125.2	119.7	136.7	119.8	131.8	106.4
September	126.6	126.0	120.6	138.9	119.2	133.0	107.1
October	127.2	126.3	121.7	140.1	120.7	134.3	107.4
November	128.1	126.7	122.6	141.3	122.0	136.2	108.0
December	128.7	127.2	123.0	142.0	122.6	137.6	108.5
1998	136.9	135.5	128.6	151.4	126.4	148.1	115.2
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	149.5	115.7
July	138.1	136.8	129.4	152.9	125.9	150.2	116.0
August	138.8	137.3	129.9	153.9	126.8	151.2	116.6
September	139.3	137.8	130.8	154.3	127.1	151.8	117.0
October	140.1	138.7	131.3	155.1	128.3	152.4	117.4
November	142.3	142.1	131.7	155.4	129.9	153.2	118.1
December	142.0	141.4	131.8	155.9	129.9	153.4	118.2
1999							
January	145.0	145.0	134.9	159.3	130.1	155.2	119.6
February	145.0	144.3	135.4	160.7	130.0	156.3	120.0
March	144.6	142.8	135.9	162.4	130.8	156.7	120.8
April	144.4	142.2	136.1	163.0	131.1	157.2	120.9
May	144.5	141.9	136.2	163.5	131.7	157.9	120.9
June	145.8	141.7	136.5	166.1	132.3	165.9	121.2

Note: Data are as of July 1999.
Source: National Statistics Office.

Table 2.13
CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS BY MAJOR COMMODITY GROUP, METROPOLITAN MANILA AREA 1990 to 1999 (1994=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1990	62.7	70.1	66.7	47.9	65.7	59.0	65.7
1991	75.6	81.4	78.5	58.6	83.5	79.3	75.8
1992	83.8	87.2	87.6	74.3	88.2	83.8	86.0
1993	91.6	93.4	94.0	86.7	94.4	91.2	92.2
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
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	137.9	134.1	141.4	148.7	126.4	147.2	117.7
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
July	138.8	135.0	143.2	150.0	125.8	148.1	118.9
August	139.3	134.5	142.7	150.7	127.4	150.9	120.1
September	139.7	135.0	144.3	150.9	128.2	151.1	119.7
October	140.8	137.0	144.4	151.1	129.4	151.5	120.1
November	142.5	139.9	144.6	151.1	131.6	152.7	121.2
December	142.6	139.8	144.2	151.7	131.5	152.4	121.4
1999							
January	144.9	144.2	149.1	153.3	131.3	151.2	121.5
February	144.4	142.5	148.1	154.1	130.5	152.2	121.7
March	144.0	140.3	149.1	155.5	131.0	152.5	123.9
April	144.0	139.8	148.9	156.1	132.0	153.2	123.9
May	143.8	138.7	148.9	156.6	132.7	154.5	123.2
June	145.0	138.3	149.6	157.1	132.8	162.5	123.6

Note: Data are as of July 1999.
Source: National Statistics Office.

Table 2.14
CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
BY MAJOR COMMODITY GROUP, AREAS OUTSIDE METROPOLITAN MANILA AREA
1990 to 1999
(1994=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1990	68.8	71.2	69.9	64.5	66.6	61.9	67.7
1991	81.0	82.2	81.2	75.7	82.9	81.2	78.9
1992	87.4	87.8	89.8	83.4	88.2	87.5	87.4
1993	92.5	92.4	95.9	90.3	93.7	93.1	93.3
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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
1997	124.6	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	125.4	125.5	117.5	136.5	121.5	133.7	106.5
September	126.7	126.6	118.2	139.5	121.4	135.4	107.4
October	127.3	126.9	119.1	140.8	122.5	136.7	107.9
November	128.2	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	136.5	135.9	124.7	153.4	126.4	148.6	114.3
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	145.1	114.0
June	137.2	136.7	124.7	153.5	125.7	150.3	114.6
July	137.9	137.4	125.2	155.0	126.0	151.3	115.0
August	138.6	138.2	126.0	156.2	126.5	151.4	115.4
September	139.2	138.7	126.7	156.9	126.6	152.2	116.1
October	139.8	139.2	127.3,	158.0	127.8	152.9	116.5
November	142.2	142.7	127.8	158.6	129.1	153.5	117.1
December	141.8	141.9	128.1	159.0	129.2	153.9	117.1
1999							
January	145.0	145.3	130.6	163.7	129.6	157.3	119.0
February	145.2	144.9	131.5	165.7	129.7	158.4	119.4
March	144.8	143.6	131.9	167.5	130.7	158.9	119.8
April	144.6	142.9	132.2	168.1	130.7	159.3	119.9
May	144.7	142.8	132.4	168.6	131.3	159.7	120.1
June	146.0	142.7	132.6	172.8	132.1	167.6	120.4

Note: Data are as of July 1999.
Source: National Statistics Office.

Table 2.15
CONSUMER PRICE INDEX OF FOOD, BEVERAGES AND TOBACCO FOR METROPOLITAN MANILA AREA
1990 to 1999
(1994=100)

Period	Food beverages and tobacco	Food										Beverages	Tobacco
		Cereals			Cereal preparations	Dairy Products	Eggs	Fish	Fruits and Vegetables	Meat	Miscellanous		
		Rice and Corn	Rice	Corn									
1990	70.1	69.9	69.8	75.8	76.2	73.6	71.7	71.2	80.4	70.3	63.7	66.0	75.4
1991	81.4	77.2	77.2	77.0	88.4	86.6	93.3	79.3	86.8	85.9	75.1	80.4	88.0
1992	87.2	81.2	81.1	90.1	94.6	94.1	98.4	82.1	90.9	94.8	80.4	92.0	90.4
1993	93.4	90.7	90.6	95.2	98.0	98.5	95.7	94.3	91.6	92.6	92.5	97.4	94.3
1994	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1995	108.0	122.9	123.1	110.2	105.8	106.5	99.4	105.9	109.0	104.2	106.6	106.6	107.0
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
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	134.1	149.0	149.3	131.8	134.2	124.7	125.5	144.9	159.0	122.0	127.8	119.5	131.7
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	128.1	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	149.0	149.2	133.2	135.4	126.1	125.0	149.1	175.6	128.2	127.1	119.1	132.1
July	135.0	149.3	149.6	132.0	135.4	126.0	134.0	144.4	164.0	122.6	127.5	120.7	131.6
August	134.5	148.6	148.9	131.7	135.8	126.0	137.4	146.4	153.8	122.0	128.6	121.6	132.0
September	135.0	149.1	149.3	136.0	136.1	126.1	137.4	146.4	153.3	122.6	129.7	122.0	133.7
October	137.0	149.2	149.4	133.0	136.2	126.3	133.7	145.2	172.4	120.5	132.3	122.7	132.1
November	139.9	149.1	149.4	132.0	137.7	126.5	135.9	146.1	194.9	121.3	133.1	123.8	132.8
December	139.8	148.8	149.1	131.5	138.2	127.0	137.4	148.4	194.6	124.0	129.8	124.1	133.9
1999													
January	144.2	148.7	149.0	131.5	133.9	128.1	142.2	162.4	218.9	128.4	127.3	134.5	134.7
February	142.5	148.7	149.1	120.9	139.7	128.5	142.8	162.1	198.6	125.9	128.0	135.2	135.2
March	140.3	149.0	149.4	120.3	140.2	128.8	143.6	163.1	175.8	125.1	128.1	134.9	135.7
April	139.8	148.6	148.6	149.9	140.3	129.2	142.0	158.7	179.3	123.2	127.8	136.3	136.6
May	138.7	148.9	148.5	176.2	140.3	129.4	141.4	145.8	182.7	123.6	127.5	136.9	136.4
June	138.3	148.5	148.7	135.5	139.6	129.8	139.5	148.0	176.9	123.8	127.2	137.9	136.6

Note: Data are as of July 1999.
Source: National Statistics Office.

Table 2.16
RETAIL PRICE INDEX FOR METROPOLITAN MANILA AREA
1990 to 1999
(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
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	884.0	917.5	879.1	559.9	631.8	1,128.6	835.6	618.8	1,001.5
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
July	881.3	910.8	884.3	563.3	632.3	1,138.6	840.2	622.5	995.6
August	886.0	914.1	891.1	569.2	632.5	1,156.9	837.6	623.3	1,044.7
September	894.1	926.5	896.3	570.1	633.5	1,159.8	837.3	623.9	1,045.2
October	934.5	990.4	904.6	569.8	634.1	1,171.1	838.0	623.6	1,048.1
November	958.0	1,028.2	901.9	569.8	640.0	1,175.9	836.2	624.4	1,056.3
December	934.0	989.5	906.7	571.2	633.6	1,173.0	835.1	624.4	1,058.1
1999									
January	951.3	1,005.3	925.3	613.6	618.5	1,227.3	827.2	618.0	1,209.8
February	933.5	973.8	928.9	618.7	616.3	1,244.3	830.1	638.9	1,201.9
March	926.2	960.8	930.4	637.1	616.7	1,238.8	833.9	643.0	1,195.2
April	926.4	959.6	932.6	663.7	623.3	1,241.3	832.3	642.1	1,196.0
May	922.0	945.5	933.6	698.2	656.7	1,248.8	838.2	640.5	1,203.5
June	923.6	943.0	941.7	697.7	682.0	1,253.7	843.7	639.7	1,206.8

Note: Data are as of August 1999.
Source: National Statistics Office.

Table 2.17
RETAIL PRICE INDEX OF SELECTED MATERIALS USED IN CONSTRUCTION ACTIVITIES IN METROPOLITAN MANILA AREA
1990 to 1999
(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
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	778.6	1,097.0	649.8	667.1	586.6	875.2	542.2	512.9
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
July	782.5	1,110.1	653.1	665.3	589.4	881.6	549.4	505.1
August	776.6	1,101.5	652.7	655.2	593.8	883.6	550.7	496.8
September	775.9	1,102.3	652.2	657.4	592.1	883.5	551.9	489.1
October	776.9	1,101.2	650.8	663.4	595.4	883.3	551.4	489.1
November	773.3	1,101.4	655.6	666.7	596.0	882.6	550.5	465.2
December	772.1	1,097.4	653.7	665.0	595.6	882.8	549.6	468.5
1999								
January	770.4	1,090.9	668.7	630.1	595.3	882.3	580.2	494.3
February	774.1	1,107.2	658.5	641.0	601.7	880.5	578.0	473.1
March	780.1	1,107.0	654.1	665.0	607.5	883.0	578.0	475.1
April	771.1	1,106.3	651.0	670.2	607.9	882.1	540.6	442.1
May	774.1	1,114.2	660.3	678.5	610.2	885.1	533.8	435.1
June	779.2	1,123.0	651.6	676.8	608.3	883.2	530.4	453.0

Note: Data are as of August 1999.
Source: National Statistics Office.

Table 2.18
GENERAL WHOLESALE PRICE INDEX FOR METROPOLITAN MANILA AREA
1990 to 1999
(1985=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	141.8	153.9	158.3	154.3	97.6	124.4	144.8	125.5	148.3
1991	166.1	175.1	201.4	181.9	123.6	156.2	165.4	149.8	169.3
1992	172.2	181.2	234.2	192.5	111.4	169.0	172.6	154.6	179.6
1993	172.0	181.2	236.9	180.2	107.0	167.6	174.1	158.0	190.1
1994	186.9	201.6	258.1	223.4	106.0	181.8	179.8	159.2	190.6
1995	197.1	216.0	319.7	217.8	107.4	179.9	181.6	159.4	191.0
1996	214.7	242.3	339.4	249.8	110.3	193.6	186.2	161.2	193.7
1997	215.8	240.6	339.4	238.4	123.5	194.3	190.4	161.5	196.1
January	220.0	245.6	347.2	257.0	128.6	196.2	187.5	161.3	195.8
February	219.0	242.3	348.2	262.1	123.9	204.7	189.1	161.3	195.8
March	217.5	243.0	343.9	251.6	120.2	195.8	191.2	161.9	195.8
April	212.9	236.0	342.6	242.8	116.7	193.4	191.1	161.9	195.4
May	214.6	241.9	342.6	226.9	116.5	188.5	190.7	161.9	195.4
June	213.8	240.0	339.5	230.3	116.4	190.0	190.6	162.2	195.4
July	212.1	238.0	336.7	231.0	114.9	187.3	189.7	160.9	195.5
August	212.7	238.3	337.1	220.5	120.9	188.0	189.9	160.9	195.6
September	215.1	241.1	334.6	226.2	125.7	190.2	190.5	160.9	196.5
October	216.1	238.1	333.2	240.9	132.8	199.8	191.2	160.9	196.7
November	216.7	240.7	333.2	235.5	130.6	196.4	191.9	161.0	197.4
December	218.6	242.6	334.1	235.8	134.5	200.7	190.8	162.4	197.7
1998	240.9	274.1	354.5	285.9	122.7	229.9	196.6	187.4	212.8
January	226.2	251.8	343.4	252.0	129.6	212.1	194.2	179.2	206.1
February	226.7	250.8	344.3	252.9	130.7	213.6	196.7	184.0	211.0
March	229.1	258.0	347.6	256.5	118.3	214.1	197.0	184.1	211.1
April	233.0	264.8	347.6	262.2	119.4	215.8	196.1	186.1	211.6
May	239.3	273.3	354.0	276.8	119.4	227.8	196.1	186.5	212.5
June	242.2	276.4	354.1	290.3	121.0	231.8	197.0	187.6	212.8
July	239.8	270.4	355.4	296.2	120.9	234.0	196.4	187.6	213.3
August	240.7	271.4	357.6	294.6	123.6	234.8	196.0	187.6	214.0
September	243.9	276.2	354.3	296.2	127.9	237.5	196.9	187.7	214.1
October	252.9	292.7	354.3	312.6	124.1	0.8	197.4	192.2	215.5
November	259.3	302.4	371.7	319.9	121.8	.3	197.5	193.0	215.5
December	257.8	301.1	369.6	320.9	115.6	248.6	197.3	193.0	215.6
1999									
January	260.6	302.3	379.7	326.0	115.6	249.7	196.9	193.6	236.8
February	256.3	295.8	377.8	320.8	111.7	247.2	197.4	193.6	237.1
March	257.5	295.9	377.8	312.8	119.4	250.2	198.0	194.0	238.1
April	255.7	286.3	378.4	333.9	126.2	260.8	198.4	194.2	238.8
May	254.9	281.2	381.1	344.9	130.7	265.1	198.5	194.2	239.5
June	252.1	274.2	381.7	334.1	134.4	259.3	198.3	194.4	258.6

Note: Data are as of August 1999.

Source: National Statistics Office.

Table 2.19
CONSTRUCTION MATERIALS WHOLESALE PRICE INDEX IN METRO MANILA
1990 to 1999
(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
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	227.1	365.9	182.9	284.9	221.4	263.3
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	227.8	366.0	187.6	285.2	223.1	261.4
June	228.1	365.3	189.2	285.6	223.1	265.2
July	227.9	373.2	178.6	285.6	220.2	265.2
August	226.4	374.2	172.2	285.6	220.1	265.2
September	227.5	368.9	173.0	285.6	219.7	265.2
October	227.3	370.2	175.8	285.0	219.0	265.2
November	227.3	368.9	177.0	284.7	218.4	265.2
December	226.8	367.2	175.0	284.7	218.4	265.2
1999						
January	225.8	369.0	156.2	283.3	223.1	270.5
February	226.4	370.8	164.2	283.3	223.4	270.5
March	227.7	378.4	169.4	283.3	223.4	270.5
April	227.9	379.0	171.2	283.3	223.4	270.5
May	228.3	381.0	173.5	283.3	222.7	270.5
June	228.6	381.0	174.1	283.3	222.6	270.5

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
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
145.4	163.0	158.7	193.7	231.0	245.0	249.4
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
144.7	163.0	158.7	195.4	231.7	245.4	248.8
144.7	163.0	158.7	195.7	231.7	242.1	248.8
145.0	163.0	158.7	195.3	231.7	252.2	248.8
144.8	163.0	158.7	193.4	231.7	248.1	252.2
146.2	163.0	158.7	193.4	231.7	248.1	252.2
143.6	163.0	158.7	193.6	231.7	242.1	252.2
142.7	163.0	157.4	191.6	229.6	234.2	254.7
141.9	163.0	157.4	191.6	229.6	234.2	254.7
141.9	163.0	157.4	191.6	229.6	234.2	254.7
143.7	163.0	157.4	191.6	229.6	232.4	254.7
148.4	163.0	157.8	191.6	229.6	232.4	254.7
152.9	163.0	157.4	191.6	229.6	232.4	254.7

Table 2.19 (continued)
CONSTRUCTION MATERIALS WHOLESALE PRICE INDEX IN METRO MANILA
1990 to 1999
(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
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	190.1	139.0	225.3	188.3	171.0	168.6
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	188.5	171.3	168.6
July	192.3	139.7	228.2	188.5	171.6	168.6
August	194.3	139.5	221.5	187.6	171.3	168.6
September	194.6	139.5	228.0	189.9	171.3	168.6
October	194.8	139.0	224.8	189.2	171.3	168.6
November	194.8	139.0	224.8	189.2	171.3	168.6
December	194.8	139.0	221.5	190.6	171.3	168.5
1999						
January	189.8	139.4	222.8	192.8	170.4	168.6
February	189.8	139.4	222.8	192.8	170.4	168.6
March	189.8	141.4	224.7	194.4	170.4	168.6
April	189.8	141.4	224.7	194.4	170.4	168.6
May	189.8	142.3	224.7	194.4	170.4	168.6
June	191.0	142.4	224.7	194.4	170.4	168.6

Note: Data are as of August 1999.
Source: National Statistics Office.

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
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
258.3	175.0	179.8	129.2	261.8	178.1	232.8
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	174.6	179.4	129.2	254.8	177.9	230.6
261.3	174.8	179.5	129.2	254.8	178.2	230.6
261.3	174.8	179.9	129.2	254.8	178.2	230.6
257.5	175.5	179.9	129.2	254.8	178.2	230.6
257.5	176.0	179.9	129.2	254.8	178.5	240.6
257.5	176.0	180.9	129.2	254.8	178.5	240.6
257.5	176.6	180.9	129.2	296.9	179.2	240.6
257.5	176.6	180.9	129.2	296.9	179.2	230.5
257.5	176.9	180.9	129.2	296.9	180.1	230.5
257.5	177.1	180.9	129.2	296.9	180.4	230.5
257.5	176.2	181.7	129.2	296.9	180.1	230.5
257.5	176.0	181.7	129.2	296.9	179.8	230.5
257.5	175.6	180.1	129.2	296.9	179.0	230.5
257.5	180.3	180.9	129.2	296.9	184.6	230.5

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.

Figure 2.7 MONTHLY INFLATION RATE, PHILIPPINES: January 1998 to June 1999, (1994=100)

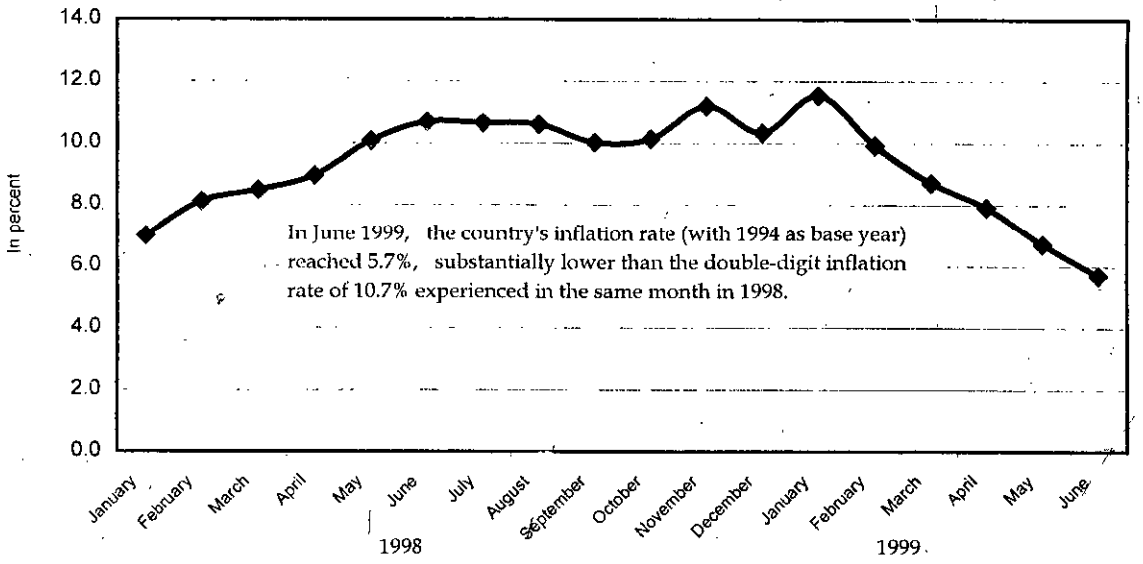

Figure 2.8 MONTHLY CONSUMER PRICE INDEX (CPI) FOR ALL INCOME HOUSEHOLDS BY MAJOR COMMODITY GROUP, PHILIPPINES: January 1998 to June 1999, (1994=100)

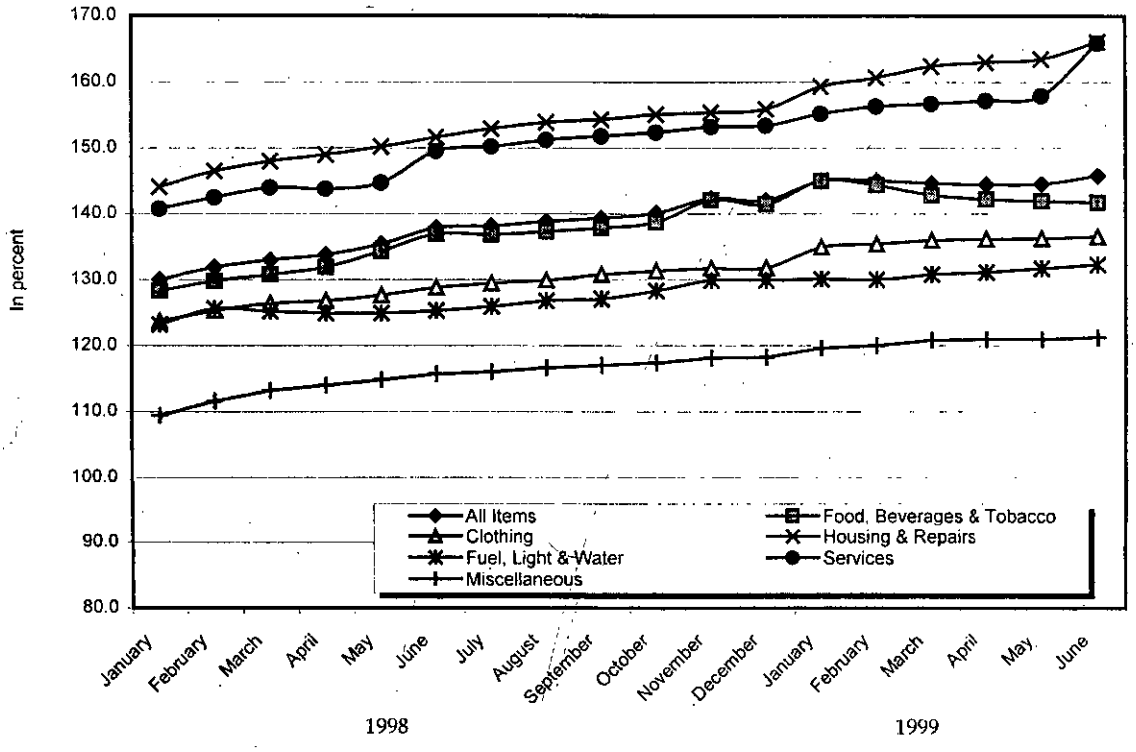

Table 2.21
PRODUCER'S PRICE INDEX FOR MANUFACTURING, PHILIPPINES
1993 to 1999
(1992 = 100)

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
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	131.24	141.60	141.35	122.38	167.48	99.12
June	131.80	143.58	145.45	122.38	167.48	98.42
July	131.76	144.03	145.33	122.11	167.65	99.32
August	131.50	143.26	146.31	122.11	167.65	98.05
September	132.18	143.29	146.22	122.12	167.65	99.06
October	132.62	145.37	146.36	122.12	167.77	98.93
November	133.40	147.87	146.19	122.12	167.77	98.99
December	131.82	147.86	146.28	122.12	167.67	101.18
1999						
January	131.87	148.00	142.15	139.06	164.08	100.46
February	132.52	147.37	140.45	139.04	164.06	102.04
March	132.85	147.91	138.64	139.00	164.08	102.07
April	133.86	147.55	138.58	138.94	164.08	102.34
May	134.23	147.22	137.78	142.60	164.08	102.34

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
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
276.05	184.14	246.73	179.46	115.91	168.16	145.39	149.23	142.82
302.04	178.61	248.55	179.46	115.91	168.14	145.39	149.40	142.60
302.94	178.61	248.55	179.46	115.22	174.88	147.84	148.93	142.84
323.85	178.61	248.55	179.46	115.22	166.98	147.84	147.55	142.72
315.65	178.61	248.55	179.46	115.22	175.65	147.84	149.44	143.00
312.17	178.61	248.55	179.46	115.22	171.96	147.84	150.18	143.22
297.92	178.61	248.55	179.46	115.26	170.33	156.75	150.83	147.15
301.57	178.61	248.55	179.46	115.26	169.66	156.75	150.17	147.02
289.84	191.55	248.55	176.52	118.48	176.24	153.06	154.92	149.79
289.05	192.64	248.55	176.52	118.48	175.39	153.06	153.47	150.90
288.40	192.64	248.55	176.52	118.48	188.42	153.06	153.59	151.20
289.26	192.64	248.55	176.52	148.49	180.03	153.06	155.47	150.82
290.61	192.64	248.55	176.52	118.48	180.03	153.06	153.07	150.56

Table 2.21 (continued)
PRODUCER'S PRICE INDEX FOR MANUFACTURING, PHILIPPINES
1993 to 1999
(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
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	111.80	117.51	107.43	118.35	99.14	103.81
July	108.50	120.77	106.26	119.01	100.80	105.18
August	108.56	120.77	106.17	119.01	100.85	102.25
September	108.98	120.77	106.30	119.01	101.85	101.95
October	110.86	120.77	106.83	119.01	101.85	96.00
November	114.11	118.36	106.87	122.05	101.55	101.48
December	111.05	118.36	107.87	122.05	101.55	105.64
1999						
January	110.23	116.39	122.44	127.73	111.17	101.14
February	109.06	116.39	121.65	125.80	111.71	102.46
March	108.37	116.39	124.49	126.93	112.03	99.47
April	113.33	116.39	124.68	126.87	112.34	99.47
May	117.63	116.39	126.77	128.55	112.34	99.47

Note: Data are as of August 1999.
Source: National Statistics Office.

Table 2.21 (continued)

Cement	Iron and Steel	Non-Ferrous Metal	Fabricated Metal Products	Machinery	Electrical Machinery	Transport Equipment	Other Manufac-turing 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
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	138.22	125.42	163.45	116.45	136.49	111.14	123.43
102.34	130.15	129.94	163.35	117.45	134.67	111.24	130.91
89.12	129.19	122.43	164.87	118.22	139.30	117.39	132.81
83.47	135.73	118.12	162.46	118.22	140.31	114.74	135.21
87.60	129.10	117.94	162.43	118.22	141.19	120.35	133.62
97.77	124.93	119.04	161.01	118.22	139.03	120.35	131.77
94.92	121.69	118.68	156.96	118.21	139.31	119.70	129.34
83.27	118.73	117.16	157.01	118.21	134.82	119.91	131.94
72.07	107.67	118.90	143.41	119.20	138.33	119.86	132.20
87.44	107.61	123.13	143.45	119.20	138.33	120.38	128.37
98.39	108.96	119.37	144.65	119.20	138.04	119.65	125.28
98.09	113.13	117.35	141.40	119.47	137.80	119.95	127.48
98.60	105.13	117.35	139.28	114.07	137.50	121.31	128.82

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 and the input-output tables.

National accounts 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 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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Figure 3.1 ***GROSS NATIONAL PRODUCT (GNP) AND GROSS DOMESTIC PRODUCT (GDP): 1989 to 1998***
(At Constant 1985 Prices)

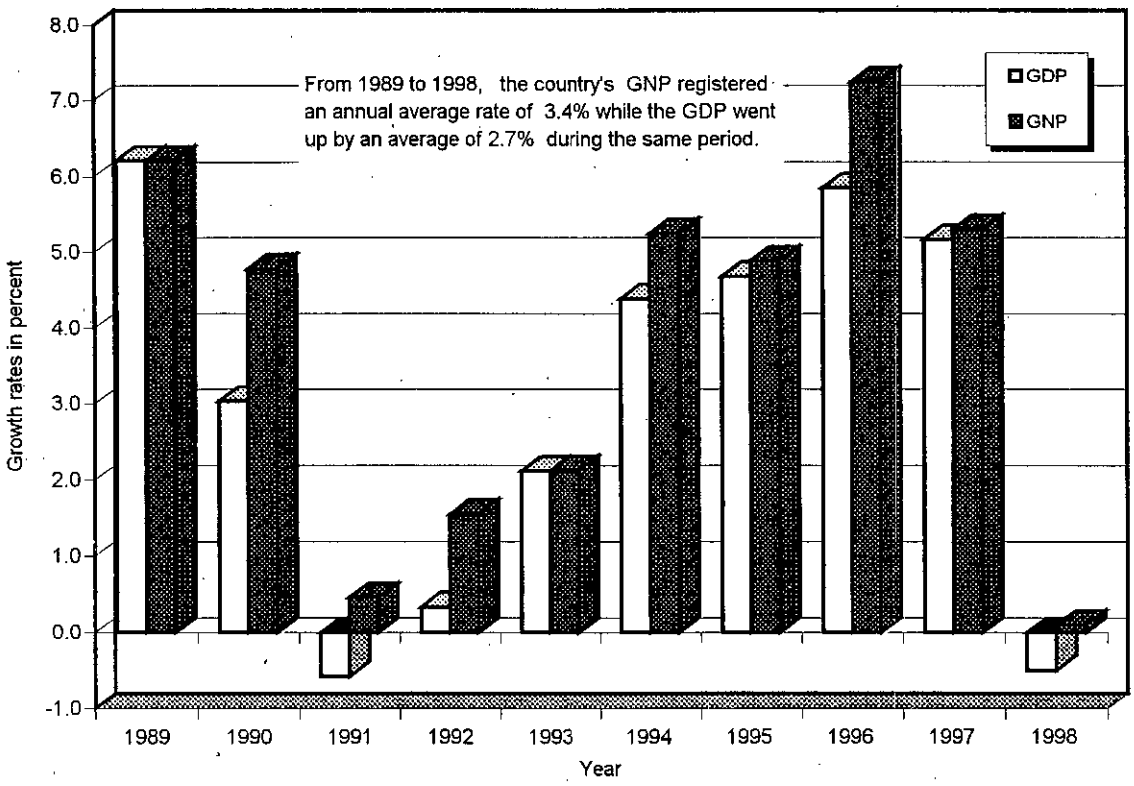

Figure 3.2 ***GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN: 1998***
(At Constant 1985 Prices)

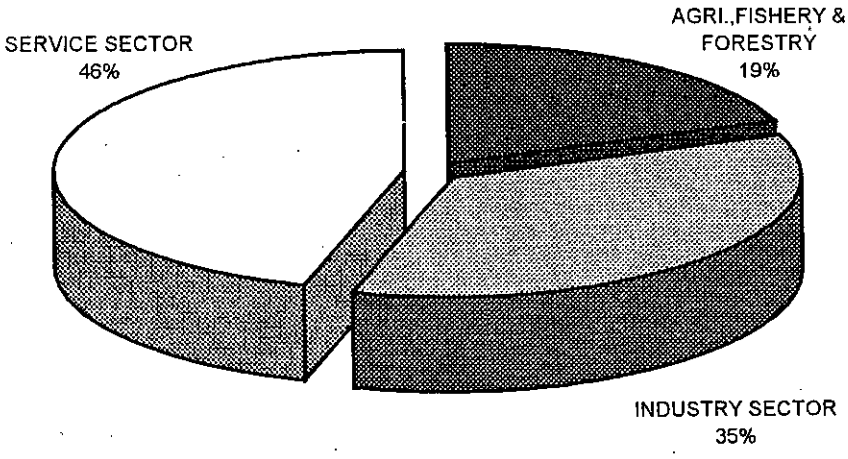

Figure 3.3 GROSS REGIONAL DOMESTIC PRODUCT : 1998
(At Current Prices)

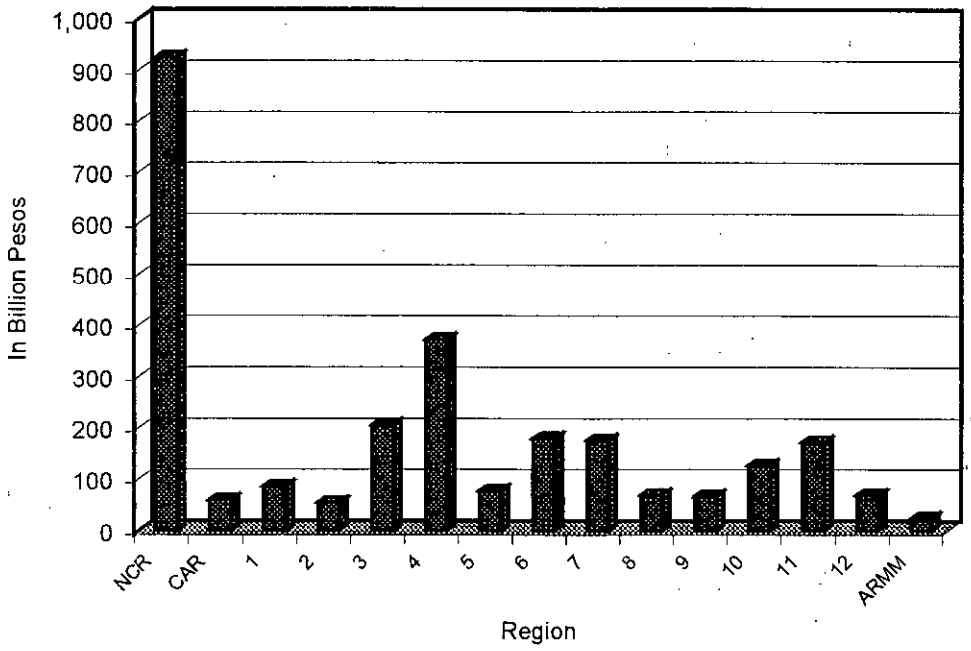

Figure 3.4 GROSS REGIONAL DOMESTIC PRODUCT : 1998
(At Constant 1985 Prices)

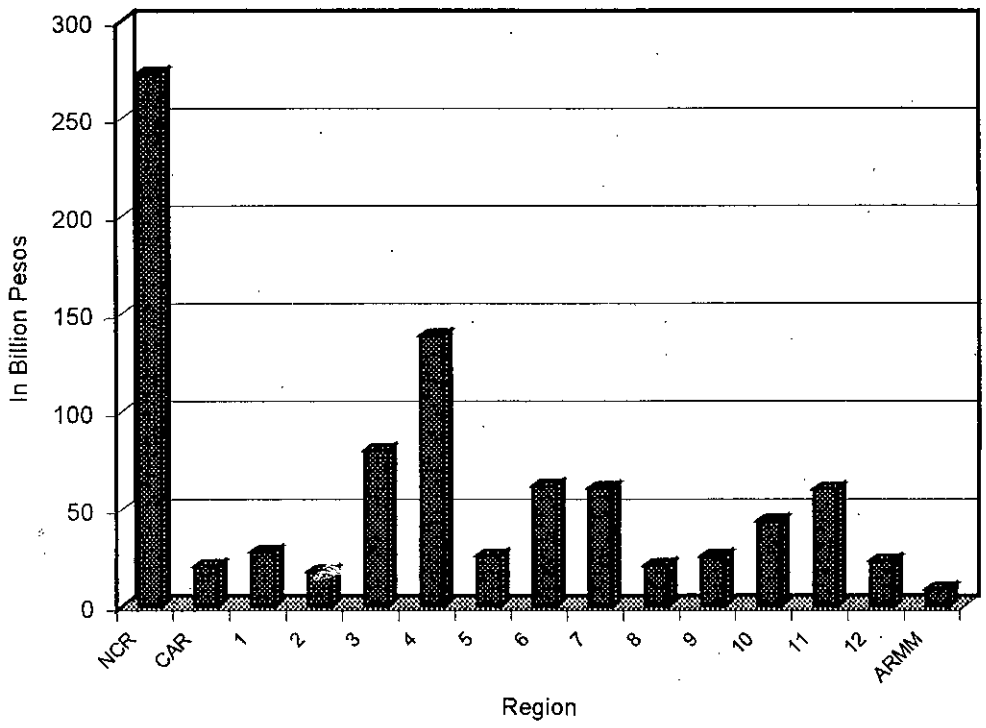

Table 3.1
GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT BY EXPENDITURE SHARES
1985 to 1998
(In million pesos : at current prices)

	Type of Expenditure	1985	1986	1987	1988	1989
1.	Personal consumption expenditures	420,832	444,529	482,330	558,765	649,276
2.	Government consumption	43,520	48,431	57,333	72,183	88,186
3.	Capital formation	82,047	92,777	119,476	149,193	199,900
	A. Fixed capital	94,168	97,710	112,663	142,226	192,665
	1. Construction	51,242	49,469	59,333	72,226	98,421
	2. Durable equipment	33,261	39,091	42,112	56,951	79,030
	3. Breeding stocks & orchard development	9,665	9,150	11,218	13,049	15,214
	B. Changes in stocks	(12,121)	(4,933)	6,813	6,967	7,235
4.	Exports	137,341	160,309	181,903	226,910	260,161
5.	Less : Imports	125,205	136,235	179,030	215,292	280,118
6.	Statistical discrepancy	13,348	(924)	20,752	7,423	8,039
	Gross Domestic Product	571,883	608,887	682,764	799,182	925,444
	Net factor income from abroad	(20,455)	(20,496)	(17,321)	(17,113)	(19,985)
	Gross National Product	551,428	588,391	665,443	782,069	905,459

Note: Data for the years 1985 to 1995 are from the Annual Link Series of the Philippine National Accounts (as of May 1998). The 1996 to 1998 data are updates as of May 1999.

Source: National Statistical Coordination Board.

Table 3.2
GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT BY EXPENDITURE SHARES
1985 to 1998
(In million pesos : at constant 1985 prices)

	Type of Expenditure	1985	1986	1987	1988	1989
1.	Personal consumption expenditures	420,832	434,815	452,386	480,562	504,619
2.	Government consumption	43,520	43,669	45,792	49,943	53,434
3.	Capital formation	82,047	90,301	108,085	123,960	149,310
	A. Fixed capital	94,168	95,083	101,627	118,252	143,804
	1. Construction	51,242	47,753	51,745	58,454	67,370
	2. Durable equipment	33,261	37,827	40,124	49,635	65,760
	3. Breeding stocks & orchard development	9,665	9,503	9,758	10,163	10,674
	B. Changes in stocks	(12,121)	(4,782)	6,458	5,708	5,506
4.	Exports	137,341	160,571	171,531	196,458	213,888
5.	Less : Imports	125,205	138,021	177,532	212,357	244,590
6.	Statistical discrepancy	13,348	88	16,661	20,015	22,787
	Gross Domestic Product	571,883	591,423	616,923	658,581	699,448
	Net factor income from abroad	(20,455)	(19,931)	(16,016)	(14,352)	(15,217)
	Gross National Product	551,428	571,492	600,907	644,229	684,231

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.1 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
767,061	916,384	1,019,209	1,122,528	1,258,750	1,411,904	1,595,346	1,762,008	1,980,088
108,843	123,885	130,524	149,057	182,776	217,045	259,501	319,935	354,981
260,165	252,327	288,401	353,595	407,367	427,896	521,605	601,953	541,233
248,954	250,147	282,783	350,543	400,139	423,197	508,745	593,284	561,714
129,624	119,858	132,356	148,860	165,202	183,740	230,508	270,446	269,535
101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894	253,349
17,362	20,768	23,997	24,794	27,375	29,685	33,067	37,944	38,830
11,211	2,180	5,618	3,052	7,228	4,699	12,860	8,669	(20,481)
296,415	369,377	393,706	462,384	572,646	692,952	879,773	1,188,048	1,478,016
358,548	406,698	459,911	586,935	679,439	842,073	1,070,612	1,438,909	1,577,727
3,301	(7,264)	(20,370)	(26,172)	(49,168)	(1,773)	(13,691)	(11,729)	(109,483)
1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,108
(5,804)	6,551	23,279	35,050	43,450	52,604	89,417	101,578	126,960
1,071,433	1,254,562	1,374,838	1,509,507	1,736,382	1,958,555	2,261,339	2,522,884	2,794,068

Table 3.2 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
531,772	543,788	561,509	578,589	600,106	622,985	651,790	684,316	707,904
57,042	55,826	55,337	58,746	62,343	65,810	68,527	71,703	70,180
172,951	143,047	154,252	166,397	180,797	187,131	210,440	235,125	196,480
165,364	141,903	150,974	164,125	176,388	184,667	206,854	230,662	204,279
77,443	60,733	63,518	70,258	72,858	78,627	91,115	104,404	98,219
76,976	69,922	76,094	82,292	91,658	93,701	102,654	112,065	91,837
10,945	11,248	11,362	11,575	11,872	12,339	13,085	14,193	14,223
7,587	1,144	3,278	2,272	4,409	2,464	3,586	4,463	(7,799)
217,865	231,515	241,431	256,451	307,205	344,181	397,201	465,322	398,657
269,148	266,139	289,273	322,548	369,325	428,475	500,194	567,682	486,230
10,208	8,485	(4,315)	(3,479)	(14,758)	10,592	21,357	4,076	1,084
720,690	716,522	718,941	734,156	766,368	802,224	849,121	892,860	888,075
(3,761)	3,696	12,455	12,765	19,768	22,301	35,105	37,503	43,052
716,929	720,218	731,396	746,921	786,136	824,525	884,226	930,363	931,127

Table 3.3
GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN
1985 to 1998
(In million pesos : at current prices)

	Industry	1985	1986	1987	1988	1989
1.	AGRI.,FISHERY & FORESTRY	140,554	145,807	163,927	183,515	210,009
	a. Agriculture and fishery	131,557	136,475	150,671	170,459	198,868
	b. Forestry	8,997	9,332	13,256	13,056	11,141
2.	INDUSTRY SECTOR	200,548	210,528	235,094	280,957	322,964
	a. Mining & Quarrying	11,893	14,144	14,354	15,275	15,446
	b. Manufacturing	143,851	149,958	169,627	204,784	230,163
	c. Construction	29,037	29,784	37,104	42,814	57,281
	d. Electricity, Gas and Water	15,767	16,642	14,009	18,084	20,074
3.	SERVICE SECTOR	230,781	252,552	283,743	334,710	392,471
	a. Transportation, Communication and Storage	31,666	34,307	36,827	40,762	43,460
	b. Trade	82,835	87,825	96,518	114,085	133,224
	c. Finance	17,123	18,658	22,446	27,125	34,334
	d. Ownership of Dwellings & Real Estate	32,132	35,449	39,226	44,523	52,792
	e. Private Services	39,121	43,593	49,927	57,644	67,752
	f. Government Services	27,904	32,720	38,799	50,571	60,909
	Gross Domestic Product	571,883	608,887	682,764	799,182	925,444
	Net factor income from abroad	(20,455)	(20,496)	(17,321)	(17,113)	(19,985)
	Gross National Product	551,428	588,391	665,443	782,069	905,459

See note on Table 3.1

Source: National Statistical Coordination Board.

Table 3.4
GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN
1985 to 1998
(In million pesos : at constant 1985 prices)

	Industry	1985	1986	1987	1988	1989
1.	AGRI.,FISHERY & FORESTRY	140,554	145,725	150,414	155,292	159,964
	a. Agriculture and fishery	131,557	135,486	138,075	144,028	150,694
	b. Forestry	8,997	10,239	12,339	11,264	9,270
2.	INDUSTRY SECTOR	200,548	205,164	213,389	232,052	249,175
	a. Mining & Quarrying	11,893	12,313	11,232	11,704	11,389
	b. Manufacturing	143,851	146,453	154,604	169,316	179,152
	c. Construction	29,037	28,547	31,742	33,235	39,878
	d. Electricity, Gas and Water	15,767	17,851	15,811	17,797	18,756
3.	SERVICE SECTOR	230,781	240,534	253,120	271,237	290,309
	a. Transportation, Communication and Storage	31,666	33,075	35,086	37,898	40,243
	b. Trade	82,835	86,917	90,038	95,180	102,729
	c. Finance	17,123	18,517	21,465	23,845	27,261
	d. Ownership of Dwellings & Real Estate	32,132	33,205	34,759	36,691	39,083
	e. Private Services	39,121	40,120	42,060	45,301	47,534
	f. Government Services	27,904	28,700	29,712	32,322	33,459
	Gross Domestic Product	571,883	591,423	616,923	658,581	699,448
	Net factor income from abroad	(20,455)	(19,931)	(16,016)	(14,352)	(15,217)
	Gross National Product	551,428	571,492	600,907	644,229	684,231

See note on Table 3.1

Source: National Statistical Coordination Board.

Table 3.3 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546	449,888
227,049	255,327	288,159	312,976	367,737	408,064	443,138	449,805	447,673
8,907	6,541	6,763	5,570	4,770	4,133	4,665	2,741	2,215
371,347	424,504	443,813	481,900	550,709	611,097	696,881	779,786	841,145
16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311	20,093
267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305	582,894
64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116	160,185
22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054	77,973
469,934	561,639	612,824	674,011	769,716	882,657	1,027,238	1,188,974	1,376,075
53,191	72,908	75,923	78,385	82,813	88,929	101,002	118,877	139,662
154,592	180,486	193,573	207,563	230,799	261,862	295,092	317,170	361,159
42,531	48,572	53,166	58,557	67,368	78,232	96,424	114,459	130,271
61,673	73,238	86,213	98,515	114,321	130,491	148,472	168,027	189,313
80,916	97,388	110,325	127,444	147,141	169,290	199,403	233,732	280,567
77,031	89,047	93,624	103,547	127,274	153,853	186,845	236,709	275,103
1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,108
(5,804)	6,551	23,279	25,830	43,450	52,604	89,417	101,578	126,960
1,071,433	1,254,562	1,374,838	1,500,287	1,736,382	1,958,555	2,261,339	2,522,884	2,794,068

Table 3.4 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713	172,445
153,414	158,205	159,385	163,556	168,419	171,069	177,553	183,601	171,548
7,320	4,732	4,186	3,497	2,971	1,779	1,898	1,112	897
255,548	248,718	247,384	251,459	265,972	283,858	302,126	320,689	314,554
11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338	10,624
183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672	221,151
41,858	35,285	36,261	38,344	41,774	44,492	49,339	57,322	52,464
18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357	30,315
304,408	304,867	307,986	315,644	329,006	345,518	367,544	387,458	401,076
41,108	41,291	41,870	42,941	44,764	47,366	50,878	55,067	58,640
107,428	108,002	109,780	112,479	116,923	123,430	130,247	135,326	138,641
29,968	29,114	29,217	29,909	31,546	33,852	38,513	43,509	45,445
40,146	40,242	40,534	41,269	42,473	43,765	45,576	47,297	48,065
49,353	49,273	49,551	50,984	53,159	55,461	58,231	61,040	63,880
36,405	36,945	37,034	38,062	40,141	41,644	44,099	45,219	46,405
720,690	716,522	718,941	734,156	766,368	802,224	849,121	892,860	888,075
(3,761)	3,696	12,455	12,765	19,768	22,301	35,105	37,503	43,052
716,929	720,218	731,396	746,921	786,136	824,525	884,226	930,363	931,127

Table 3.5
PER CAPITA: GROSS DOMESTIC PRODUCT, GROSS NATIONAL PRODUCT AND PERSONAL CONSUMPTION EXPENDITURE
1985 to 1998

Item	1985	1986	1987	1988	1989
A. Estimates in current pesos					
1. Gross domestic product	10,524	10,935	11,972	13,610	15,398
2. Gross national product	10,148	10,567	11,668	13,319	15,066
3. Personal consumption expenditures	7,744	7,984	8,457	9,516	10,803
B. Estimates in constant (1985) pesos					
1. Gross domestic product	10,524	10,622	10,818	11,216	11,638
2. Gross national product	10,148	10,264	10,537	10,971	11,385
3. Personal consumption expenditures	7,744	7,809	7,932	8,184	8,396
C. Population [1] (million persons)	54.34	55.68	57.03	58.72	60.10

See note on Table 3.1.
[1]- Population projection based on 1990 Census of Population and Housing.

Source: National Statistical Coordination Board.

Figure 3.5 PER CAPITA: GROSS NATIONAL PRODUCT (GNP) AND GROSS DOMESTIC PRODUCT (GDP): 1989 to 1998
(At Current Prices)

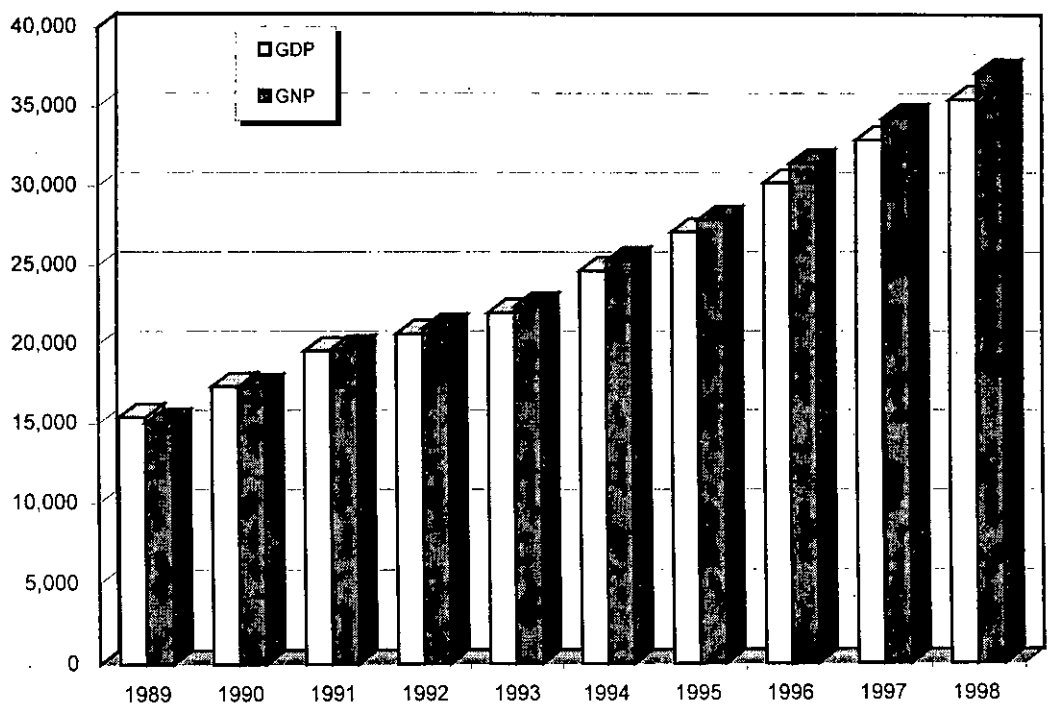

Table 3.5 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
17,361	19,595	20,685	22,013	24,671	27,123	30,208	32,929	35,486
17,267	19,698	21,041	22,399	25,304	27,872	31,451	34,311	37,175
12,362	14,388	15,599	16,759	18,344	20,093	22,188	23,923	26,345
11,615	11,250	11,003	10,961	11,168	11,416	11,810	12,143	11,816
11,554	11,308	11,194	11,151	11,456	11,734	12,298	12,653	12,389
8,570	8,538	8,594	8,638	8,745	8,866	9,065	9,307	9,419
62.05	63.69	65.34	66.98	68.62	70.27	71.90	73.53	75.16

Figure 3.6 PER CAPITA: GROSS NATIONAL PRODUCT (GNP) AND GROSS DOMESTIC PRODUCT (GDP): 1989 to 1998
(At Constant 1985 Prices)

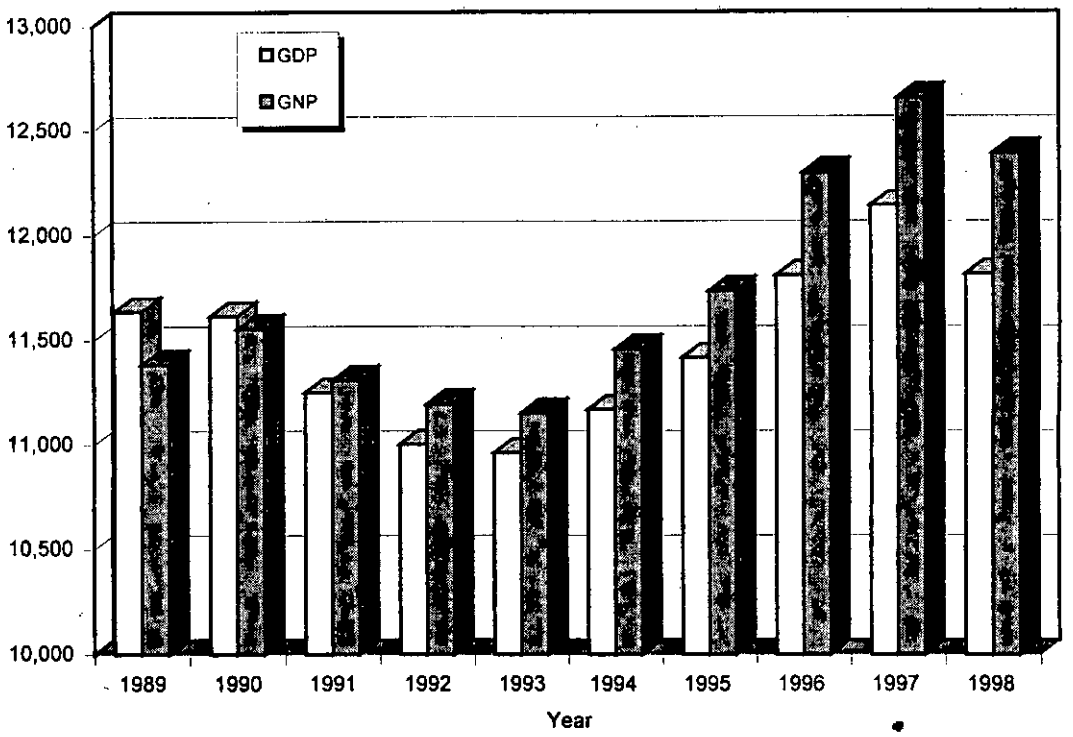

Table 3.6
PRINCIPAL INDICATORS
1985 to 1998
Base Year : 1985

Indicators	1985	1986	1987	1988	1989
Incremental Capital Output Ratio	(2.09)	4.87	3.99	2.84	3.52
Tax Effort (In Percent)	11.15	11.31	13.04	11.41	13.65
Marginal Propensity to Consume					
National	1.64	0.81	0.61	0.77	0.89
Household	0.89	0.99	0.84	0.89	0.97
Investment Multiplier	(1.57)	5.15	2.60	4.43	9.00
Unemployment Rate (In Percent) [a]	12.55	11.83	11.18	9.55	9.15
Labor Productivity	31,533	31,399	30,785	31,058	31,927
Consumer Price Index (In Percent)	100.00	100.80	104.60	113.70	125.80
Marginal Propensity to Import	(0.16)	0.31	0.56	0.31	0.54
Exchange Rate [b]	18.72	20.38	20.56	21.07	21.72
Terms of Trade (In Percent) [c]	100.00	101.14	105.17	113.93	106.20

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.

Source: National Statistical Coordination Board.

Table 3.7
DETAILS OF FACTOR FLOWS FROM AND TO THE REST OF THE WORLD
1985 to 1998
(In million pesos)

Industry/Industry group	1985	1986	1987	1988	1989
INFLOW (Exports)					
Compensation [1]	18,055	20,264	23,799	26,277	31,145
Property Income	6,671	4,781	6,166	6,428	7,793
Total Current Prices	24,726	25,045	29,965	32,705	38,938
Constant 1985 Prices	24,726	24,350	27,542	27,464	29,399
OUTFLOW (Imports)					
Compensation	19	123	62	211	87
Property Expense	45,162	45,418	47,224	49,607	58,836
Total Current Prices	45,181	45,541	47,286	49,818	58,923
Constant 1985 Prices	45,181	44,281	43,558	41,816	44,616
NET FACTOR INCOME					
Current Prices	(20,455)	(20,496)	(17,321)	(17,113)	(19,985)
Constant 1985 Prices	(20,455)	(19,931)	(16,016)	(14,352)	(15,217)

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)

1990	1991	1992	1993	1994	1995	1996	1997	1998
7.78	(34.05)	62.41	10.79	5.48	5.15	4.41	5.27	(42.69)
14.53	15.12	15.51	15.74	16.46	16.96	17.02	17.41	15.75
0.90	0.95	1.02	1.24	0.73	0.93	0.85	0.77	1.16
0.81	1.15	3.01	1.15	0.88	1.01	0.83	0.70	1.00
9.72	18.67	(46.14)	(4.24)	3.72	14.74	6.79	4.37	(6.12)
8.40	10.58	9.78	9.28	9.48	9.52	8.56	8.60	10.13
32,446	31,270	30,060	30,035	30,453	31,217	31,233	32,216	31,818
141.70	166.80	181.70	195.50	213.16	230.21	249.78	262.52	286.12
0.51	0.28	0.50	1.29	0.40	0.81	0.86	1.25	0.64
24.29	27.76	25.61	26.99	26.45	25.70	26.21	29.43	40.86
102.12	104.41	102.57	99.08	101.33	102.44	103.48	101.51	146.27

Table 3.7 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
41,345	58,086	65,340	70,679	71,230	91,524	116,277	133,767	184,998
9,532	12,428	12,342	14,794	20,276	29,511	45,942	56,563	61,148
50,877	70,514	77,682	85,473	91,506	121,035	162,219	190,330	246,146
34,209	40,430	41,716	37,690	41,700	51,466	63,690	70,211	83,476
122	247	178	356	322	389	1,495	0	0
56,559	63,716	54,225	50,067	47,734	68,042	71,307	88,752	119,186
56,681	63,963	54,403	50,423	48,056	68,431	72,802	88,752	119,186
37,970	36,734	29,261	24,925	21,932	29,165	28,585	32,733	40,424
(5,804)	6,551	23,279	35,050	43,450	52,604	89,417	101,578	12,696
(3,761)	3,696	12,455	17,323	19,768	22,301	35,105	37,503	43,052

Table 3.8
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY BY INDUSTRY GROUP
1985 to 1998
(In million pesos : at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. AGRICULTURE INDUSTRY	131,557	136,475	150,671	170,459	198,868
a. Agriculture	104,499	104,456	119,415	135,751	162,408
Palay	22,476	20,595	21,706	25,147	31,565
Corn	9,491	8,724	10,471	11,766	15,329
Coconut including copra	11,307	6,938	11,003	12,494	12,050
Sugarcane	3,791	3,093	4,004	4,351	6,650
Banana	3,531	3,586	4,203	4,677	3,891
Other crops	30,112	35,337	39,025	41,003	48,155
Livestock	10,972	12,646	14,496	18,432	23,530
Poultry	6,771	7,218	8,078	10,474	12,622
Agricultural activities and services	6,048	6,319	6,429	7,407	8,616
b. Fishery	27,058	32,019	31,256	34,708	36,460
2. FORESTRY	8,997	9,332	13,256	13,056	11,141
Gross Value Added in Agriculture, Fishery and Fishery	140,554	145,807	163,927	183,515	210,009

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
1985 to 1998
(In million pesos : at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. AGRICULTURE INDUSTRY	131,557	135,486	138,075	144,028	150,694
a. Agriculture	104,499	106,240	107,155	115,447	121,066
Palay	22,476	23,590	22,837	23,138	25,281
Corn	9,491	9,528	10,119	10,466	10,203
Coconut including copra	11,307	10,515	9,652	9,008	7,007
Sugarcane	3,791	3,364	3,053	2,997	3,897
Banana	3,531	3,600	3,635	2,940	2,913
Other crops	30,112	29,873	30,368	35,518	37,240
Livestock	10,972	12,552	13,700	14,532	16,334
Poultry	6,771	7,072	7,595	9,990	11,082
Agricultural activities and services	6,048	6,146	6,196	6,858	7,109
b. Fishery	27,058	29,246	30,920	28,581	29,628
2. FORESTRY	8,997	10,239	12,339	11,264	9,270
Gross Value Added in Agriculture, Fishery and Fishery	140,554	145,725	150,414	155,292	159,964

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.8 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
227,049	255,327	288,159	312,976	367,737	409,451	443,138	449,805	447,673
186,216	208,051	236,526	255,443	301,877	339,245	377,744	382,029	373,592
36,416	36,373	35,761	42,167	51,079	63,894	78,046	73,826	59,672
16,469	14,699	18,547	18,484	18,757	21,750	22,128	22,189	19,399
12,515	13,819	20,352	18,489	23,400	27,330	25,126	23,473	28,860
6,962	9,808	9,301	9,538	12,036	11,971	14,090	12,580	13,018
5,547	7,314	9,074	9,554	11,236	10,941	12,166	12,893	12,336
52,381	59,867	65,223	76,046	92,690	107,510	116,578	118,599	117,955
29,862	34,299	38,729	39,441	45,019	48,476	56,479	61,368	62,604
16,163	20,660	26,365	27,221	30,765	28,130	32,132	36,194	39,088
9,901	11,212	13,174	14,503	16,895	19,243	20,999	20,907	20,660
40,833	47,276	51,633	57,533	65,860	70,206	65,394	67,776	74,081
8,907	6,541	6,763	5,570	4,770	2,746	4,665	2,741	2,215
235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546	449,888

Table 3.9 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
153,414	158,205	159,385	163,556	168,419	171,317	177,553	183,601	171,548
122,631	126,204	127,010	130,736	135,224	137,464	143,265	149,326	136,858
24,873	25,868	24,412	25,228	28,182	28,189	30,175	30,135	22,877
10,950	11,093	11,009	11,435	10,769	9,837	9,893	10,324	9,111
7,084	6,798	6,815	6,827	6,831	7,380	6,890	7,280	6,325
3,652	4,646	4,871	5,257	5,326	3,964	4,810	4,828	4,164
2,698	2,691	2,789	2,798	2,836	2,808	3,011	3,206	3,020
36,613	37,598	37,766	38,115	38,831	40,759	41,639	44,200	41,621
16,854	17,061	17,195	17,996	18,858	19,839	21,143	22,273	23,196
12,215	12,626	13,999	14,866	15,255	16,056	17,866	19,088	19,023
7,692	7,823	8,154	8,214	8,336	8,632	7,838	7,992	7,521
30,783	32,001	32,375	32,820	33,195	33,853	34,288	34,275	34,690
7,320	4,732	4,186	3,497	2,971	1,527	1,898	1,112	897
160,734	162,937	163,571	167,053	171,390	172,844	179,451	184,713	172,445

Table 3.10
GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP
1985 to 1998
(In million pesos : at current prices)

	Industry/Industry group	1985	1986	1987	1988	1989
1.	Copper mining	3,031	2,940	3,332	4,315	4,340
2.	Gold mining	5,390	8,331	8,231	7,338	6,454
3.	Chromium mining	278	214	180	199	254
4.	Nickel mining	608	114	52	104	297
5.	Other metal mining	267	110	117	127	113
6.	Crude oil	-	-	-	-	-
7.	Stone quarrying and sand pits	1,011	1,308	1,506	1,711	1,926
8.	Other non-metallic	1,308	1,127	936	1,481	2,062
	Gross Value Added in Mining and Quarrying	11,893	14,144	14,354	15,275	15,446

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.11
GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP
1985 to 1998
(In million pesos : at constant 1985 prices)

	Industry/Industry group	1985	1986	1987	1988	1989
1.	Copper mining	3,031	2,972	2,969	3,017	2,726
2.	Gold mining	5,390	6,445	5,394	4,701	4,915
3.	Chromium mining	278	190	186	171	239
4.	Nickel mining	608	108	63	78	116
5.	Other metal mining	267	122	96	110	104
6.	Crude oil	-	-	-	-	-
7.	Stone quarrying and sand pits	1,011	1,163	1,280	1,571	1,812
8.	Other non-metallic	1,308	1,313	1,244	2,056	1,477
	Gross Value Added in Mining and Quarrying	11,893	12,313	11,232	11,704	11,389

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.10 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
4,276	4,076	3,396	2,846	2,653	3,141	1,825	1,516	1,523
7,395	8,134	6,884	6,636	6,809	6,115	6,963	6,901	9,674
294	257	118	130	124	158	181	187	107
544	534	494	215	311	215	222	197	288
101	76	57	61	69	63	57	52	67
-	-	577	515	260	176	64	64	57
2,075	2,036	2,136	2,589	3,110	3,979	5,581	6,231	5,841
1,974	2,391	2,601	3,629	3,173	2,954	2,282	2,163	2,536
16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311	20,093

Table 3.11 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
2,605	2,170	2,068	2,062	1,758	1,411	856	670	642
4,800	4,862	4,584	4,157	4,185	3,585	3,948	4,182	4,733
230	155	112	105	86	105	121	102	43
108	100	103	58	86	115	113	121	175
94	80	88	78	78	56	47	42	35
-	-	941	952	479	321	99	91	87
1,844	1,875	1,830	1,905	2,132	2,608	3,469	3,736	3,298
1,410	1,528	1,769	2,254	1,959	1,834	1,513	1,394	1,611
11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338	10,624

Table 3.12
GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP
1985 to 1998
(In million pesos : at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
Food manufactures	64,397	68,638	74,110	88,016	97,329
Beverage industries	6,452	6,859	8,159	9,829	10,784
Tobacco manufactures	4,974	5,305	6,122	7,503	7,698
Textile manufactures	5,293	5,925	6,652	7,755	8,754
Footwear and wearing apparel	5,711	6,048	9,096	11,123	14,301
Wood and cork products	2,812	3,034	3,806	4,506	5,037
Furniture and fixtures	1,669	1,816	2,322	2,690	3,592
Paper and paper products	1,487	1,798	1,931	2,436	2,850
Publishing and printing	1,435	1,702	1,945	2,564	2,916
Leather and leather products	148	119	130	152	177
Rubber products	1,900	1,871	2,408	2,789	3,223
Chemical & chemical products	10,575	10,703	11,984	15,381	18,509
Products of petroleum & coal	18,059	15,381	16,791	19,319	16,182
Non-metallic mineral products	2,701	2,844	3,423	4,454	6,937
Basic metal industries	4,384	4,266	5,048	6,664	7,905
Metal industries	2,943	3,268	3,669	4,536	5,716
Machinery except electrical	1,330	1,435	1,547	1,825	2,252
Electrical machinery	4,683	5,325	6,107	7,729	8,864
Transport equipment	923	1,066	1,451	1,852	2,626
Miscellaneous manufactures	1,975	2,555	2,926	3,661	4,511
Gross Value Added in Manufacturing	143,851	149,958	169,627	204,784	230,163

See note on Table 3.1.
Source: National Statistical Coordination Board.

Table 3.13
GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP
1985 to 1998
(In million pesos : at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
Food manufactures	64,397	67,456	67,636	68,264	69,633
Beverage industries	6,452	6,518	6,673	6,805	7,174
Tobacco manufactures	4,974	4,726	4,445	5,201	5,091
Textile manufactures	5,293	5,846	6,071	6,840	7,552
Footwear and wearing apparel	5,711	5,554	7,406	8,154	9,521
Wood and cork products	2,812	2,887	3,271	3,553	3,871
Furniture and fixtures	1,669	1,666	1,913	2,081	2,389
Paper and paper products	1,487	1,473	1,540	1,875	2,263
Publishing and printing	1,435	1,691	1,881	2,414	2,691
Leather and leather products	148	110	105	118	135
Rubber products	1,900	1,853	2,250	2,467	2,683
Chemical & chemical products	10,575	9,278	9,385	10,269	10,985
Products of petroleum & coal	18,059	17,586	20,582	26,231	26,233
Non-metallic mineral products	2,701	2,722	3,041	3,811	5,014
Basic metal industries	4,384	4,143	4,623	5,532	5,446
Metal industries	2,943	2,969	3,119	3,558	4,308
Machinery except electrical	1,330	1,398	1,486	1,689	2,040
Electrical machinery	4,683	5,229	5,430	5,981	6,629
Transport equipment	923	953	1,133	1,347	1,785
Miscellaneous manufactures	1,975	2,395	2,614	3,126	3,709
Gross Value Added in Manufacturing	143,851	146,453	154,604	169,316	179,152

See note on Table 3.1.
Source: National Statistical Coordination Board.

Table 3.12 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
111,794	125,188	133,274	140,708	164,157	176,183	209,559	221,718	246,525
12,372	14,696	15,849	15,732	17,888	20,662	23,302	26,217	28,644
7,897	8,654	9,360	9,114	10,093	10,581	11,567	12,824	13,483
9,204	10,384	10,094	10,468	9,955	11,160	11,248	11,082	11,814
16,835	20,506	22,071	25,245	27,144	30,370	29,574	31,454	35,860
5,572	6,304	5,926	6,830	5,626	5,808	5,840	6,386	6,470
4,448	4,766	4,813	5,228	5,941	6,909	7,077	8,182	9,245
2,944	3,252	3,040	2,947	3,203	3,901	3,921	3,768	4,287
3,299	3,926	4,306	4,496	4,963	5,493	6,022	6,582	6,656
197	238	234	237	245	285	333	387	448
3,479	4,076	4,191	3,832	3,796	4,399	4,251	4,012	3,834
20,404	25,133	25,394	28,927	31,245	35,663	39,208	44,832	48,964
26,090	37,429	35,510	33,858	34,506	36,894	40,829	42,805	41,927
7,547	9,953	10,182	11,698	14,069	17,121	19,647	22,791	20,566
8,539	9,553	8,120	9,246	10,047	13,352	13,560	13,772	13,476
6,452	6,955	8,007	8,693	8,970	9,751	11,316	10,955	10,194
2,574	3,084	3,464	3,903	4,284	5,072	5,981	6,897	7,109
9,793	12,106	13,211	16,021	22,680	28,087	33,744	45,578	53,002
2,934	3,190	3,896	5,129	6,088	7,239	7,958	7,405	5,449
5,111	6,545	5,897	7,283	8,910	9,317	10,452	12,658	14,941
267,485	315,938	326,839	349,595	393,810	438,247	495,389	540,305	582,894

Table 3.13 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
69,633	68,559	66,595	65,562	69,148	71,067	75,746	76,318	78,744
7,411	7,468	7,296	6,810	7,222	7,659	8,256	8,961	9,003
5,094	5,022	5,090	4,906	5,091	5,054	5,459	5,779	5,538
6,720	6,524	5,740	5,698	5,277	5,611	5,498	5,320	5,085
10,045	10,747	10,812	11,576	12,211	13,201	12,036	12,356	12,699
4,143	3,993	3,278	3,497	2,818	2,888	2,782	2,969	2,769
2,571	2,437	2,164	2,082	2,225	2,476	2,525	2,822	2,881
2,179	2,197	1,941	1,778	1,854	2,213	2,157	2,038	2,132
2,968	2,963	2,951	2,767	2,894	3,075	3,114	3,233	3,093
148	158	149	145	147	169	191	215	224
2,818	2,831	2,679	2,312	2,216	2,477	2,275	2,088	1,849
11,472	12,136	11,128	11,492	11,644	12,582	13,309	14,276	14,169
30,008	28,878	32,213	32,002	33,512	36,113	39,288	39,753	37,472
4,552	5,004	4,718	5,182	5,737	6,548	7,040	7,925	6,614
4,893	4,936	3,909	4,191	4,354	5,521	5,305	5,223	4,745
4,455	4,125	4,331	4,399	4,352	4,569	5,061	4,841	4,231
2,096	2,093	2,198	2,287	2,447	2,870	3,309	3,756	3,540
7,096	7,334	7,552	8,681	10,651	12,086	13,867	18,179	19,284
1,874	1,726	1,988	2,422	2,610	3,042	3,086	2,744	1,810
3,749	3,980	3,215	3,500	3,964	4,050	4,309	4,876	5,269
183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672	221,151

Table 3.14
GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Public	22,337	18,088	18,150	23,606	31,724
2. Private	28,905	31,381	41,183	48,620	66,697
Gross Value	51,242	49,469	59,333	72,226	98,421
Gross Value Added in Construction	29,037	29,784	37,104	42,814	57,281

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.15
GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Public	22,337	17,492	15,748	19,384	22,318
2. Private	28,905	30,261	35,997	39,070	45,052
Gross Value	51,242	47,753	51,745	58,454	67,370
Gross Value Added in Construction	29,037	28,547	31,742	33,235	39,878

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.14 (continued

1990	1991	1992	1993	1994	1995	1996	1997	1998
58,029	47,776	56,609	65,213	65,586	74,181	81,905	100,019	111,906
71,595	72,082	75,747	83,647	99,616	109,559	148,603	170,427	157,629
129,624	119,858	132,356	148,860	165,202	183,740	230,508	270,446	269,535
64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116	160,185

Table 3.15 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
34,689	23,927	27,115	31,301	29,735	31,872	32,888	39,755	42,307
42,754	36,806	36,403	38,957	43,123	46,755	58,227	64,649	55,912
77,443	60,733	63,518	70,258	72,858	78,627	91,115	104,404	98,219
41,858	35,285	36,261	38,344	41,774	44,492	49,339	57,322	52,464

Table 3.16
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Electricity and gas	14,427	14,934	12,074	15,870	17,364
2. Water	1,340	1,708	1,935	2,214	2,710
Gross Value Added in Electricity, Gas and Water	15,767	16,642	14,009	18,084	20,074

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.17
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Electricity and gas	14,427	16,416	14,343	16,322	17,156
2. Water	1,340	1,435	1,468	1,475	1,600
Gross Value Added in Electricity, Gas and Water	15,767	17,851	15,811	17,797	18,756

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.16 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
19,375	25,518	28,698	31,963	39,852	44,044	50,468	59,220	70,629
2,925	3,582	4,045	4,454	5,043	5,366	6,257	6,834	7,344
22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054	77,973

Table 3.17 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
17,037	17,901	18,019	18,535	21,175	24,077	25,978	27,318	28,182
1,637	1,651	1,662	1,720	1,886	1,983	2,030	2,039	2,133
18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357	30,315

Table 3.18
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION, AND STORAGE
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. TRANSPORT AND STORAGE	25,764	27,235	29,302	31,898	33,242
a. Land	17,342	17,528	18,228	19,215	19,679
b. Water	3,065	2,992	3,299	3,757	4,443
c. Air	1,238	2,480	3,010	3,909	3,975
d. Storage and services incidental to transport	4,119	4,235	4,765	5,017	5,145
2. COMMUNICATION	5,902	7,072	7,525	8,864	10,218
Gross Value Added in Transport, Communication, and Storage	31,666	34,307	36,827	40,762	43,460

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.19
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION, AND STORAGE
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. TRANSPORT AND STORAGE	25,764	26,484	28,075	29,871	31,184
a. Land	17,342	17,788	18,443	19,348	20,173
b. Water	3,065	3,070	3,447	3,925	4,122
c. Air	1,238	1,267	1,330	1,539	1,521
d. Storage and services incidental to transport	4,119	4,359	4,855	5,059	5,368
2. COMMUNICATION	5,902	6,591	7,011	8,027	9,059
Gross Value Added in Transport, Communication, and Storage	31,666	33,075	35,086	37,898	40,243

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.18 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
41,151	57,983	59,245	60,013	62,563	66,379	72,365	84,320	91,059
26,239	37,824	39,097	39,984	42,070	44,184	47,542	55,826	62,376
5,044	6,377	6,568	6,604	7,047	8,310	9,272	10,716	11,433
3,798	6,292	6,542	6,387	6,162	6,510	7,318	8,323	7,120
6,070	7,490	7,038	7,038	7,284	7,375	8,233	9,455	10,130
12,040	14,925	16,678	18,372	20,250	22,550	28,637	34,557	48,603
53,191	72,908	75,923	78,385	82,813	88,929	101,002	118,877	139,662

Table 3.19 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
31,220	30,595	31,133	31,509	32,598	33,835	35,530	37,259	37,698
20,194	20,590	21,271	21,717	22,679	23,582	24,791	26,008	26,791
4,197	3,724	3,696	3,711	3,770	3,876	4,020	4,209	4,325
1,390	1,477	1,535	1,457	1,353	1,387	1,452	1,515	983
5,439	4,804	4,631	4,624	4,796	4,990	5,267	5,527	5,599
9,888	10,696	10,737	11,432	12,166	13,531	15,348	17,808	20,942
41,108	41,291	41,870	42,941	44,764	47,366	50,878	55,067	58,640

Table 3.20
GROSS VALUE ADDED IN TRADE
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Wholesale	15,203	15,055	19,063	23,000	32,693
2. Retail	67,632	72,770	77,455	91,085	100,531
Gross Value Added in Trade	82,835	87,825	96,518	114,085	133,224

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.21
GROSS VALUE ADDED IN TRADE
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Wholesale	15,204	15,010	17,652	18,556	24,176
2. Retail	67,631	71,907	72,386	76,624	78,553
Gross Value Added in Trade	82,835	86,917	90,038	95,180	102,729

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.20 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
45,254	47,381	52,082	56,045	60,791	66,683	75,115	78,173	86,839
109,338	133,105	141,491	151,518	170,008	195,179	219,977	238,997	274,320
154,592	180,486	193,573	207,563	230,799	261,862	295,092	317,170	361,159

Table 3.21 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
30,325	28,089	29,475	30,722	31,537	33,041	34,431	35,721	35,490
77,103	79,913	80,305	81,757	85,386	90,389	95,816	99,605	103,151
107,428	108,002	109,780	112,479	116,923	123,430	130,247	135,326	138,641

Table 3.22
GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Banks	10,608	11,682	14,972	18,684	24,046
2. Non-banks	2,064	2,255	2,471	2,864	3,629
3. Insurance	4,451	4,721	5,003	5,577	6,659
Gross Value Added in Finance	17,123	18,658	22,446	27,125	34,334

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.23
GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Banks	10,608	11,594	14,318	16,417	19,094
2. Non-banks	2,064	2,238	2,363	2,516	2,883
3. Insurance	4,451	4,685	4,784	4,912	5,284
Gross Value Added in Finance	17,123	18,517	21,465	23,845	27,261

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.22 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
30,433	33,802	36,874	40,571	46,713	54,364	68,218	82,372	93,980
4,225	5,119	5,695	6,323	7,261	8,349	9,726	10,897	12,090
7,873	9,651	10,597	11,663	13,394	15,519	18,480	21,190	24,201
42,531	48,572	53,166	58,557	67,368	78,232	96,424	114,459	130,271

Table 3.23 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
21,443	20,274	20,277	20,734	21,886	23,541	27,261	31,326	32,804
2,979	3,067	3,126	3,226	3,396	3,608	3,879	4,137	4,211
5,546	5,773	5,814	5,949	6,264	6,703	7,373	8,046	8,430
29,968	29,114	29,217	29,909	31,546	33,852	38,513	43,509	45,445

Table 3.24
GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE BY INDUSTRY GROUP
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Real estate	5,602	6,286	6,969	7,931	9,541
2. Ownership of dwellings	26,530	29,163	32,257	36,592	43,251
Gross Value Added in Ownership of Dwellings and Real Estate	32,132	35,449	39,226	44,523	52,792

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
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Real estate	5,602	6,239	6,665	6,970	7,585
2. Ownership of dwellings	26,530	26,966	28,094	29,721	31,498
Gross Value Added in Ownership of Dwellings and Real Estate	32,132	33,205	34,759	36,691	39,083

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.24 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
11,183	13,120	14,526	16,027	18,147	20,782	24,929	27,937	29,959
50,490	60,118	71,687	82,488	96,174	109,709	123,543	140,090	159,354
61,673	73,238	86,213	98,515	114,321	130,491	148,472	168,027	189,313

Table 3.25 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
7,897	7,867	7,987	8,191	8,502	9,003	9,962	10,624	10,459
32,249	32,375	32,547	33,078	33,971	34,762	35,614	36,673	37,606
40,146	40,242	40,534	41,269	42,473	43,765	45,576	47,297	48,065

Table 3.26
GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP
1985 to 1998
(In million pesos: at current prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Government	27,904	32,720	38,799	50,571	60,909
2. Private	39,121	43,593	49,927	57,644	67,752
Educational	4,685	5,106	5,480	6,459	8,353
Medical and health	5,182	5,243	6,356	7,204	8,370
Business	5,478	6,034	6,397	7,466	8,530
Recreational	4,688	5,331	6,648	7,790	8,573
Personal	10,325	12,029	13,497	15,549	18,141
Hotel and restaurant	7,124	8,186	9,716	11,169	13,631
Others	1,639	1,664	1,833	2,007	2,154
Gross Value Added in Other Services	67,025	76,313	88,726	108,215	128,661

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.27
GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP
1985 to 1998
(In million pesos: at constant 1985 prices)

Industry/Industry group	1985	1986	1987	1988	1989
1. Government	27,904	28,700	29,712	32,322	33,459
2. Private	39,121	40,120	42,060	45,301	47,534
Educational	4,685	4,649	4,561	4,951	5,217
Medical and health	5,182	4,909	5,618	6,006	6,643
Business	5,478	5,563	5,252	5,413	5,447
Recreational	4,687	5,099	5,772	6,725	6,949
Personal	10,325	11,195	11,487	12,193	12,850
Hotel and restaurant	7,125	7,119	7,667	8,200	8,550
Others	1,639	1,586	1,703	1,813	1,878
Gross Value Added in Other Services	67,025	68,820	71,772	77,623	80,993

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.26 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
77,031	89,047	93,624	103,547	127,274	153,853	186,845	236,709	275,103
80,916	97,388	110,325	127,444	147,141	169,290	199,403	233,732	280,567
10,281	13,075	15,402	19,111	23,734	27,770	33,764	41,201	52,646
9,661	12,468	14,421	16,925	19,059	21,569	24,340	27,592	33,419
10,505	13,052	14,865	16,624	18,780	22,671	26,506	32,165	37,987
9,921	11,377	12,085	13,161	14,605	15,990	18,297	21,453	26,307
22,742	26,836	29,814	33,780	39,108	44,554	52,286	61,343	73,359
15,492	17,809	20,810	24,614	28,341	32,660	39,332	44,319	50,234
2,314	2,771	2,928	3,229	3,514	4,076	4,878	5,659	6,615
157,947	186,435	203,949	230,991	274,415	323,143	386,248	470,441	555,670

Table 3.27 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
36,405	36,945	37,034	38,062	40,141	41,644	44,099	45,219	46,405
49,353	49,273	49,551	50,984	53,159	55,461	58,231	61,040	63,880
5,303	5,366	5,472	5,660	5,886	6,126	6,427	6,853	7,323
6,859	7,258	7,530	7,947	8,229	8,617	9,054	9,433	10,028
5,652	5,783	5,719	5,706	6,046	6,386	6,738	7,169	7,488
7,197	7,263	6,958	7,127	7,390	7,670	8,047	8,432	8,729
13,901	13,321	13,227	13,493	13,834	14,267	14,898	15,498	16,154
8,503	8,334	8,702	9,210	9,885	10,447	11,049	11,567	11,968
1,938	1,948	1,943	1,841	1,889	1,948	2,018	2,088	2,190
85,758	86,218	86,585	89,046	93,300	97,105	102,330	106,259	110,285

Table 3.28
GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT BY MAJOR TYPE
1985 to 1998
(In million pesos: at current prices)

Type of equipment	1985	1986	1987	1988	1989
Durable Equipment	33,261	39,091	42,112	56,951	79,030
A. Machinery specialized for particular industries	10,735	13,924	15,416	16,755	22,838
1. Agricultural machineries	49	34	75	131	157
2. Tractor other than steam	17	31	37	144	373
3. Mining and construction machineries	487	490	827	1,122	2,844
4. Textile machineries	336	489	2,026	2,047	3,090
5. Sawmill & logging machineries	36	39	81	69	132
6. Sugarmill machineries	0	8	13	18	57
7. Pulp and paper machineries	64	101	210	197	389
8. Metal working machineries	620	696	892	1,326	1,575
9. Telecommunications & sound recording/reproducing equipment	6,193	7,895	6,611	5,654	4,978
10.Other special industrial machineries	2,933	4,141	4,644	6,047	9,243
B. General industrial machinery and equipment	12,029	14,075	13,381	18,361	26,457
1. Aircon & refrigeration equipment	1,031	1,016	1,758	6,455	9,033
2. Pumps and compressor	587	747	1,164	1,647	1,898
3. Other electrical machinery and apparatus	5,277	5,790	6,456	6,453	6,121
4. Other general industrial machineries	5,134	6,522	4,003	3,806	9,405
C. Transport equipment	6,288	4,579	5,044	9,243	15,715
1. Road vehicles	5,664	3,913	3,834	4,869	8,943
2. Railway transport	67	38	95	24	11
3. Air transport	70	9	407	2,726	4,695
4. Water transport	487	619	708	1,624	2,066
D. Miscellaneous equipment	4,209	6,513	8,271	12,592	14,020
1. Office machines & data processing	1,166	913	1,278	1,810	1,629
2. Other misc. durable equipment	3,043	5,600	6,993	10,782	12,391

See note on Table 3.1.

Source: National Statistical Coordination Board.

Table 3.28 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
101,968	109,521	126,430	176,889	207,562	209,772	245,170	284,894	253,349
29,910	32,684	32,333	48,995	61,101	75,099	89,371	100,036	96,016
236	310	385	468	590	647	768	1,150	1,090
309	389	284	678	832	649	775	948	644
2,713	4,438	3,446	4,162	4,403	8,017	12,297	12,400	7,062
4,329	3,992	4,041	5,142	5,518	5,592	4,473	5,080	4,723
167	132	97	72	88	74	240	293	230
22	34	102	38	147	71	121	20	30
763	511	777	810	2,098	1,861	1,858	2,616	1,029
2,248	2,474	2,535	4,059	4,891	5,941	10,548	13,575	10,744
5,745	6,333	6,852	11,648	16,062	20,105	21,495	24,925	27,676
13,378	14,071	13,814	21,918	26,472	32,142	36,796	39,029	42,788
34,437	37,273	40,599	55,397	64,688	53,209	61,815	73,326	74,375
9,860	9,464	11,837	10,142	12,658	15,686	17,526	19,688	19,979
2,410	2,658	2,874	4,567	4,567	6,497	8,415	10,250	9,914
10,364	12,523	7,702	14,861	17,254	8,829	8,004	7,520	8,112
11,803	12,628	18,186	25,827	30,209	22,197	27,870	35,868	36,370
21,251	19,050	29,891	47,256	56,182	58,397	62,531	69,764	37,237
11,598	11,449	16,546	30,227	33,960	43,515	51,269	48,162	30,827
16	40	647	90	34	92	123	127	4,747
7,044	4,405	9,034	12,943	712	8,612	7,460	19,590	793
2,593	3,156	3,664	3,996	21,476	6,178	3,679	1,885	870
16,370	20,514	23,607	25,241	25,591	23,067	31,453	41,768	45,721
1,715	1,510	4,642	2,233	3,134	11,751	16,291	22,757	24,397
14,655	19,004	18,965	23,008	22,457	11,316	15,162	19,011	21,324

Table 3.29
GROSS REGIONAL DOMESTIC PRODUCT
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	571,884	608,888	682,765	799,183	925,444
NCR	Metro Manila	164,246	180,117	208,661	251,164	298,589
CAR	Cordillera Administrative	-	-	13,691	15,562	17,928
1	Ilocos Region	25,033	29,290	20,385	23,041	26,931
2	Cagayan Valley	15,309	15,574	14,280	16,709	19,674
3	Central Luzon	53,774	55,256	59,992	68,010	75,253
4	Southern Tagalog	82,615	86,983	95,946	114,401	130,349
5	Bicol Region	19,366	19,876	20,607	23,849	27,549
6	Western Visayas	42,418	44,338	48,890	57,265	66,455
7	Central Visayas	35,754	38,381	43,326	51,872	61,737
8	Eastern Visayas	16,218	16,309	18,139	21,586	24,640
9	Western Mindanao	18,561	19,542	20,900	23,607	26,469
10	Northern Mindanao	32,412	34,173	37,920	42,282	49,146
11	Southern Mindanao	43,727	45,502	54,132	59,889	66,287
12	Central Mindanao	22,452	23,549	25,897	29,948	34,436
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 were accounted for in Regions 1 and 2 while those of the ARMM provinces accrued to Regions 9 and 12.
2. Data for the years 1996 to 1998 are updates as of July 1999.
3. Details may not add up to totals due to rounding.

Source: National Statistical Coordination Board.

Table 3.30
GROSS REGIONAL DOMESTIC PRODUCT
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	571,884	591,423	616,926	658,583	699,449
NCR	Metro Manila	164,246	169,358	180,609	197,266	214,663
CAR	Cordillera Administrative	-	-	11,342	12,195	13,252
1	Ilocos Region	25,033	26,947	18,294	19,238	20,435
2	Cagayan Valley	15,309	15,668	13,087	13,994	14,725
3	Central Luzon	53,774	54,853	57,459	61,831	64,158
4	Southern Tagalog	82,615	86,473	90,978	98,333	104,972
5	Bicol Region	19,366	19,530	18,913	20,103	21,041
6	Western Visayas	42,418	43,554	44,858	46,699	50,113
7	Central Visayas	35,754	37,680	39,662	43,107	45,813
8	Eastern Visayas	16,218	16,057	16,175	17,297	17,373
9	Western Mindanao	18,561	19,163	19,191	19,569	20,214
10	Northern Mindanao	32,412	33,239	34,381	35,603	37,313
11	Southern Mindanao	43,727	45,317	48,383	48,691	49,970
12	Central Mindanao	22,452	23,582	23,592	24,657	25,407
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.29 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
1,077,237	1,248,011	1,351,559	1,474,457	1,692,932	1,905,951	2,171,922	2,421,306	2,667,108
347,609	409,778	437,730	475,312	548,782	623,939	717,590	827,282	925,412
20,267	23,659	23,974	27,597	33,497	38,453	43,262	51,857	59,661
32,501	36,336	37,102	41,961	49,731	58,810	68,671	75,465	86,011
23,724	25,262	26,671	29,847	35,002	40,374	45,533	50,711	54,529
91,922	106,726	118,202	129,870	143,552	159,939	182,007	200,890	206,221
155,817	188,502	205,172	218,201	250,808	273,578	307,566	341,820	372,365
31,927	36,201	39,616	44,296	50,575	55,885	62,669	70,476	77,651
75,649	85,407	95,299	105,867	118,577	132,112	153,021	162,149	180,019
70,766	82,821	88,831	94,892	108,493	121,438	140,544	157,750	176,656
28,269	32,057	34,681	38,354	43,644	47,854	55,643	61,131	68,787
31,182	35,157	39,012	41,496	47,816	52,904	56,636	60,960	66,428
55,120	62,726	68,855	74,686	87,479	97,682	110,107	116,596	127,215
74,670	82,459	90,297	98,322	113,563	129,205	146,721	156,854	172,381
37,813	40,919	46,118	40,909	45,559	54,788	61,620	64,790	69,289
-	-	-	12,848	15,856	18,991	20,332	22,573	24,484

Table 3.30 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
720,691	716,523	718,942	734,156	766,368	802,224	849,121	892,860	888,075
221,753	220,972	215,465	216,149	227,348	242,167	256,000	272,991	273,266
13,549	14,042	13,591	14,637	15,928	16,075	16,873	19,587	20,552
21,869	21,579	20,344	20,893	22,295	24,225	25,155	26,918	27,662
15,548	14,714	13,974	14 460	15,428	16,142	16,712	18,324	17,473
68,250	66,309	70,736	72,955	75,371	78,487	81,970	85,488	80,040
109,509	109,844	113,545	114,787	120,155	125,248	134,814	140,759	138,536
21,687	21,734	21,902	22,422	23,087	23,517	24,625	26,031	25,762
50,747	50,451	53,331	55,487	57,050	57,597	61,098	61,460	61,907
47,193	46,971	47,086	47,757	49,663	52,327	56,615	59,927	60,768
17,322	17,396	17,088	17,851	18,387	18,969	20,000	20,749	20,927
21,132	20,773	21,186	20,862	21,125	21,813	24,702	25,484	25,494
37,099	37,104	37,345	37,913	39,726	41,866	42,752	44,034	43,824
50,074	50,155	48,953	50,671	52,570	53,501	55,929	58,581	59,993
24,959	24,477	24,396	20,405	20,815	22,174	23,491	23,800	23,282
-	-	-	6,908	7,420	8,116	8,386	8,727	8,588

Table 3.31
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	140,554	145,807	163,927	183,515	210,009
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	2,911	3,225	3,680
1	Ilocos Region	9,115	10,444	8,779	9,834	11,498
2	Cagayan Valley	6,843	6,797	7,314	8,991	10,358
3	Central Luzon	11,530	11,966	13,318	15,266	18,328
4	Southern Tagalog	24,845	26,637	28,781	34,037	38,659
5	Bicol Region	8,496	8,313	8,781	9,892	11,377
6	Western Visayas	15,083	15,486	17,302	19,087	22,229
7	Central Visayas	5,676	5,868	6,563	7,438	9,317
8	Eastern Visayas	6,180	5,998	6,844	7,754	8,714
9	Western Mindanao	9,939	10,291	11,009	12,348	13,282
10	Northern Mindanao	12,177	13,526	16,181	16,349	18,811
11	Southern Mindanao	20,520	19,848	24,168	25,848	28,409
12	Central Mindanao	10,149	10,633	11,976	13,447	15,347
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, FISHERY AND FORESTRY BY REGION
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	140,554	145,725	150,414	155,292	159,964
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	2,556	2,749	2,821
1	Ilocos Region	9,115	9,787	7,830	8,312	8,730
2	Cagayan Valley	6,843	7,238	6,911	7,828	7,851
3	Central Luzon	11,530	11,920	12,944	13,242	14,463
4	Southern Tagalog	24,845	26,264	27,052	28,251	29,647
5	Bicol Region	8,496	8,248	8,020	8,457	8,644
6	Western Visayas	15,083	15,249	16,045	16,182	17,106
7	Central Visayas	5,676	5,857	5,834	6,166	6,698
8	Eastern Visayas	6,180	6,302	6,209	6,510	6,271
9	Western Mindanao	9,939	10,123	10,087	10,248	10,218
10	Northern Mindanao	12,177	13,117	14,073	14,217	14,660
11	Southern Mindanao	20,520	20,525	21,807	21,613	21,296
12	Central Mindanao	10,149	11,095	11,047	11,518	11,561
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.31 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
235,956	261,868	294,922	318,546	372,507	412,197	447,803	452,546	449,888
0	0	0	0	0	0	0	0	0
3,825	4,403	4,944	5,580	6,564	8,642	8,800	8,978	8,878
13,092	14,619	15,438	16,985	20,109	24,775	29,150	29,262	30,225
11,655	11,955	13,961	15,156	18,082	21,836	23,660	24,939	23,048
22,360	24,768	26,930	30,010	34,614	38,532	44,728	45,005	41,288
44,311	51,829	59,222	62,466	72,964	76,283	81,526	87,039	88,206
12,751	14,147	15,334	17,001	19,569	21,099	22,153	23,434	23,007
24,382	27,701	31,430	34,983	39,391	43,360	47,533	45,421	47,252
10,681	12,466	13,574	14,455	16,971	17,872	20,107	20,050	19,864
9,839	10,661	12,116	12,878	14,835	14,758	17,339	18,174	19,220
15,463	16,964	19,397	21,676	25,240	27,042	26,733	27,115	28,098
20,079	21,925	25,055	27,627	33,155	36,587	38,151	36,204	34,621
30,692	33,132	37,737	39,487	46,624	51,267	56,640	56,351	56,872
16,824	17,298	19,784	13,195	15,311	19,266	20,428	19,175	18,846
-	-	-	7,049	9,077	10,876	10,854	11,399	10,463

Table 3.32 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
160,734	162,937	163,571	167,053	171,390	172,848	179,451	184,713	172,445
0	0	0	0	0	0	0	0	0
2,665	2,712	2,805	2,908	3,035	3,388	3,194	3,323	3,190
9,125	9,217	9,074	9,145	9,531	10,566	10,823	11,483	10,930
7,796	7,377	7,536	7,583	8,159	8,782	8,810	9,901	8,225
15,849	16,230	16,237	16,526	17,441	17,258	17,914	18,842	16,566
30,193	30,636	31,018	31,626	32,206	32,634	34,458	35,812	33,919
8,567	8,797	8,557	8,647	8,853	8,789	9,035	9,566	8,739
16,718	17,599	18,934	19,469	19,856	18,672	19,410	18,311	17,340
6,915	7,302	7,098	7,429	7,573	7,752	8,285	8,488	7,818
5,953	6,014	6,006	6,060	6,130	5,922	6,127	6,444	6,014
10,660	10,505	10,846	11,022	10,943	11,240	13,529	13,822	13,488
13,860	13,994	14,158	14,620	14,991	15,488	14,615	14,476	13,203
20,976	21,381	20,520	20,825	20,932	19,900	20,477	21,436	21,320
11,458	11,172	10,782	7,119	7,316	7,568	7,844	7,747	7,286
-	-	-	4,074	4,424	4,888	4,929	5,061	4,407

Table 3.33
GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	11,893	14,144	14,354	15,275	15,446
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	3,946	3,777	3,607
1	Ilocos Region	2,916	4,744	335	383	176
2	Cagayan Valley	136	46	50	45	98
3	Central Luzon	1,573	2,109	1,760	2,002	2,005
4	Southern Tagalog	711	994	821	950	1,247
5	Bicol Region	485	706	423	612	976
6	Western Visayas	900	1,228	843	916	893
7	Central Visayas	2,058	2,056	2,620	3,452	3,750
8	Eastern Visayas	292	156	55	28	79
9	Western Mindanao	69	40	105	107	129
10	Northern Mindanao	1,683	660	510	506	700
11	Southern Mindanao	1,042	1,370	2,847	2,440	1,693
12	Central Mindanao	28	35	40	58	92
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
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	11,893	12,313	11,232	11,704	11,389
NCR	Metro Manila	0	0	0	0	0
CAR	Cordillera Administrative	-	-	2,600	2,469	2,485
1	Ilocos Region	2,916	3,558	303	385	261
2	Cagayan Valley	136	41	43	42	108
3	Central Luzon	1,573	1,734	1,324	1,435	1,520
4	Southern Tagalog	711	1,014	743	720	743
5	Bicol Region	485	711	421	502	725
6	Western Visayas	900	1,245	694	647	582
7	Central Visayas	2,058	1,979	2,569	3,336	2,534
8	Eastern Visayas	292	166	54	35	72
9	Western Mindanao	69	35	122	142	257
10	Northern Mindanao	1,683	512	376	376	397
11	Southern Mindanao	1,042	1,290	1,950	1,561	1,653
12	Central Mindanao	28	28	34	53	51
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.
Source: National Statistical Coordination Board.

Table 3.33 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
16,659	17,504	16,263	16,621	16,509	16,801	17,175	17,311	20,093
0	0	0	0	0	0	0	0	0
3,475	4,587	4,332	3,886	4,252	3,337	3,229	3,781	4,856
369	393	322	723	659	748	823	738	535
55	53	31	136	86	177	270	285	264
2,252	1,847	1,627	1,586	1,645	1,248	1,359	882	300
1,468	1,157	2,711	2,573	2,863	2,245	1,184	1,079	1,182
1,686	1,945	1,415	1,563	1,399	1,347	1,663	1,559	2,200
1,520	1,829	1,754	1,715	1,777	2,046	2,620	2,745	2,951
2,764	2,822	1,805	1,530	633	890	1,441	1,375	1,374
226	215	197	239	211	169	345	391	306
289	362	311	409	352	259	460	528	562
757	737	573	956	1,123	1,133	1,272	1,251	1,502
1,770	1,543	1,178	1,294	1,457	3,199	2,416	2,649	4,004
29	13	8	12	51	5	93	49	57
-	-	-	0	0	0	0	0	0

Table 3.34 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
11,091	10,770	11,495	11,571	10,763	10,035	10,166	10,338	10,624
0	0	0	0	0	0	0	0	0
2,133	2,840	2,860	2,621	2,683	1,656	1,667	2,122	2,314
201	217	146	228	213	392	318	293	194
43	48	30	49	45	116	133	134	119
1,282	665	691	649	698	592	671	425	128
629	391	1,985	1,776	1,564	1,158	598	518	524
1,202	1,336	1,166	1,090	944	798	903	854	986
1,234	1,240	1,274	1,616	1,520	1,633	1,851	1,921	1,977
2,162	1,599	1,207	1,191	629	628	1,081	967	926
174	116	113	219	206	143	279	252	166
287	319	256	357	308	203	274	255	256
465	301	231	275	289	687	796	813	837
1,252	1,639	1,498	1,456	1,618	2,025	1,504	1,737	2,150
29	61	38	44	47	3	91	48	47
-	-	-	0	0	0	0	0	0

Table 3.35
GROSS VALUE ADDED IN MANUFACTURING BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	143,851	149,958	169,629	204,783	230,161
NCR	Metro Manila	60,818	64,214	73,631	87,447	102,765
CAR	Cordillera Administrative	-	-	2,365	3,214	3,409
1	Ilocos Region	2,695	2,970	1,187	1,383	1,667
2	Cagayan Valley	783	879	882	748	836
3	Central Luzon	15,453	14,914	16,580	18,658	18,555
4	Southern Tagalog	24,014	23,943	27,322	34,039	36,340
5	Bicol Region	271	290	325	389	437
6	Western Visayas	8,082	8,289	9,360	12,060	12,856
7	Central Visayas	7,709	8,532	9,819	11,784	13,848
8	Eastern Visayas	3,599	3,602	4,057	5,808	6,799
9	Western Mindanao	1,670	1,848	1,999	2,447	2,764
10	Northern Mindanao	6,432	7,096	7,299	9,156	10,173
11	Southern Mindanao	7,348	8,070	8,918	10,443	11,510
12	Central Mindanao	4,978	5,311	5,885	7,207	8,202
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
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	143,851	146,453	154,604	169,316	179,152
NCR	Metro Manila	60,818	61,014	63,867	69,304	75,538
CAR	Cordillera Administrative	-	-	2,072	2,505	2,558
1	Ilocos Region	2,695	2,879	1,060	1,126	1,246
2	Cagayan Valley	783	829	773	577	607
3	Central Luzon	15,453	15,633	17,241	20,213	19,694
4	Southern Tagalog	24,014	24,439	26,813	30,906	33,112
5	Bicol Region	271	280	286	298	313
6	Western Visayas	8,082	8,118	8,192	8,296	8,495
7	Central Visayas	7,709	8,204	8,601	8,915	9,637
8	Eastern Visayas	3,599	3,417	3,597	4,387	4,487
9	Western Mindanao	1,670	1,812	1,835	1,906	1,973
10	Northern Mindanao	6,432	6,883	6,987	7,191	7,415
11	Southern Mindanao	7,348	7,811	7,983	8,198	8,431
12	Central Mindanao	4,978	5,134	5,297	5,495	5,647
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.35 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
267,485	315,939	326,839	349,595	393,810	438,247	495,389	540,305	582,894
114,946	132,560	137,380	147,230	168,631	189,575	211,177	232,388	252,595
3,774	4,521	4,839	6,813	9,282	11,210	13,030	17,697	19,573
1,916	2,286	2,391	2,737	3,033	3,556	4,085	4,596	4,617
938	1,088	1,130	1,867	2,118	1,512	1,723	1,878	2,026
24,445	29,914	30,645	32,944	35,494	39,226	42,488	45,380	47,688
45,604	59,132	58,660	60,113	65,730	71,402	78,732	83,792	88,149
504	527	587	682	767	815	930	997	1,084
14,185	14,768	16,709	18,036	20,341	21,940	26,694	28,079	30,850
16,214	19,138	20,131	20,471	23,842	26,575	30,444	33,967	37,211
7,469	8,602	8,500	9,323	10,279	12,103	12,948	13,854	14,608
3,280	3,878	3,749	4,028	4,431	4,862	5,606	5,936	6,526
11,827	14,392	15,903	15,085	16,662	17,909	21,839	23,088	25,274
13,302	15,036	15,457	17,327	19,243	21,220	26,424	28,254	30,635
9,081	10,097	10,757	12,276	13,234	15,540	18,381	19,447	21,003
-	-	-	663	723	800	888	950	1,055

Table 3.36 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
183,925	183,111	179,947	181,289	190,374	203,271	214,613	223,672	221,151
76,579	75,555	71,300	70,676	74,012	80,492	82,845	87,494	87,248
2,732	2,793	2,837	3,791	4,569	5,069	5,532	7,191	7,300
1,264	1,301	1,252	1,356	1,401	1,546	1,582	1,718	1,590
629	632	593	916	961	631	676	704	691
21,370	20,187	21,713	22,672	23,928	25,510	26,170	26,586	25,720
35,020	35,961	36,652	36,056	37,642	39,816	44,040	44,740	43,130
319	296	301	321	336	338	360	366	371
8,305	7,789	8,328	8,582	8,975	9,338	9,694	9,802	9,974
9,906	10,264	10,023	9,452	10,039	10,666	11,568	12,409	12,477
4,308	4,411	3,987	4,153	4,292	4,843	4,911	5,004	4,837
2,034	2,084	1,873	1,911	1,929	2,026	2,130	2,173	2,186
7,425	7,901	7,861	7,033	7,275	7,382	7,817	7,970	8,036
8,564	8,495	7,949	8,406	8,789	8,938	10,017	10,153	10,252
5,472	5,443	5,278	5,650	5,898	6,358	6,932	7,014	6,986
-	-	-	314	327	317	339	347	354

Table 3.37
GROSS VALUE ADDED IN CONSTRUCTION BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	29,037	29,784	37,104	42,814	57,281
NCR	Metro Manila	10,943	11,356	14,408	18,050	24,189
CAR	Cordillera Administrative	-	-	798	881	1,516
1	Ilocos Region	1,091	1,234	1,414	1,560	2,350
2	Cagayan Valley	1,459	1,369	951	1,055	1,735
3	Central Luzon	3,229	3,308	3,869	4,318	4,693
4	Southern Tagalog	3,872	3,934	4,936	5,574	7,247
5	Bicol Region	1,452	1,370	1,494	1,642	1,777
6	Western Visayas	1,229	1,324	1,477	1,587	2,950
7	Central Visayas	1,224	1,335	1,841	1,972	2,959
8	Eastern Visayas	678	631	869	726	685
9	Western Mindanao	679	808	870	772	1,040
10	Northern Mindanao	788	759	1,076	1,178	1,523
11	Southern Mindanao	1,100	1,142	1,684	1,953	2,469
12	Central Mindanao	1,294	1,214	1,416	1,544	2,147
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
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	29,037	28,547	31,742	33,235	39,878
NCR	Metro Manila	10,943	10,939	12,513	14,136	16,582
CAR	Cordillera Administrative	-	-	669	679	1,047
1	Ilocos Region	1,091	1,178	1,195	1,220	1,665
2	Cagayan Valley	1,459	1,302	795	802	1,225
3	Central Luzon	3,229	3,182	3,265	3,297	3,368
4	Southern Tagalog	3,872	3,740	4,189	4,287	4,867
5	Bicol Region	1,452	1,311	1,257	1,251	1,273
6	Western Visayas	1,229	1,265	1,263	1,248	2,130
7	Central Visayas	1,224	1,267	1,564	1,521	2,156
8	Eastern Visayas	678	604	735	557	499
9	Western Mindanao	679	772	732	595	723
10	Northern Mindanao	788	729	917	913	1,076
11	Southern Mindanao	1,100	1,103	1,459	1,545	1,752
12	Central Mindanao	1,294	1,156	1,190	1,185	1,515
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.37 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
64,903	61,962	67,968	79,267	95,495	106,639	127,592	156,116	160,185
23,682	24,557	23,170	25,239	30,130	32,073	37,548	47,556	35,646
2,742	2,380	1,014	959	1,416	1,708	2,102	2,656	4,729
3,968	3,719	1,902	2,235	3,877	4,519	5,291	6,501	10,504
3,040	2,732	1,272	1,191	1,547	1,829	2,352	2,900	4,872
5,939	6,782	11,797	13,145	12,326	14,002	15,928	19,992	13,097
8,471	7,794	9,342	11,134	15,110	16,273	20,746	25,656	25,763
2,006	1,962	3,024	3,466	3,685	4,304	4,876	5,711	6,123
2,726	1,856	2,824	3,771	4,040	4,390	5,665	6,497	8,277
3,643	2,920	4,010	4,487	6,155	6,653	8,606	10,805	13,229
1,024	1,168	1,387	1,756	2,205	2,504	3,305	3,617	5,767
1,359	954	1,368	2,099	2,582	2,951	3,492	4,030	4,411
1,651	1,446	1,686	2,437	3,862	4,688	5,579	6,519	9,411
2,763	2,162	2,580	3,582	5,086	6,159	6,970	7,916	10,821
1,891	1,531	2,591	3,085	2,611	3,514	3,813	4,246	4,470
-	-	-	680	860	1,070	1,320	1,513	3,066

Table 3.38 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
41,859	35,285	36,261	38,344	41,774	44,492	49,339	57,322	52,464
14,883	13,626	12,020	11,906	12,762	13,108	14,558	16,941	11,511
1,789	1,395	566	476	634	721	831	1,003	1,565
2,584	2,199	1,064	1,071	1,683	1,864	2,021	2,380	3,422
1,990	1,595	693	595	713	795	928	1,094	1,630
3,911	3,998	6,439	6,433	5,495	5,892	6,261	7,476	4,253
5,303	4,238	4,953	5,520	6,811	6,991	8,013	9,523	8,364
1,378	1,159	1,662	1,703	1,641	1,803	1,840	2,117	2,037
1,831	1,095	1,520	1,775	1,728	1,792	2,151	2,382	2,739
2,417	1,634	2,073	2,140	2,625	2,690	3,197	3,889	4,326
676	658	724	842	953	1,023	1,252	1,344	1,933
893	569	758	1,030	1,149	1,237	1,294	1,418	1,469
1,080	817	894	1,177	1,675	1,941	2,130	2,435	3,109
1,870	1,354	1,453	1,813	2,330	2,684	2,812	3,088	3,580
1,254	950	1,442	1,528	1,190	1,498	1,541	1,660	1,486
-	-	-	335	385	451	512	572	1,041

Table 3.39
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	15,767	16,642	14,009	18,084	20,074
NCR	Metro Manila	3,672	3,997	3,624	4,478	5,025
CAR	Cordillera Administrative	-	-	682	916	976
1	Ilocos Region	395	414	106	131	138
2	Cagayan Valley	715	729	141	192	234
3	Central Luzon	1,866	1,924	1,466	1,764	2,015
4	Southern Tagalog	3,981	4,159	3,563	4,901	5,379
5	Bicol Region	1,533	1,618	1,270	1,628	1,776
6	Western Visayas	424	468	393	464	549
7	Central Visayas	851	882	743	997	1,083
8	Eastern Visayas	371	386	317	362	382
9	Western Mindanao	133	142	127	140	147
10	Northern Mindanao	884	914	679	892	1,069
11	Southern Mindanao	157	174	169	203	244
12	Central Mindanao	784	834	730	1,015	1,059
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
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	15,767	17,851	15,811	17,797	18,756
NCR	Metro Manila	3,672	4,159	3,846	4,228	4,421
CAR	Cordillera Administrative	-	-	771	877	900
1	Ilocos Region	395	448	121	132	132
2	Cagayan Valley	715	791	155	184	218
3	Central Luzon	1,866	2,100	1,741	1,792	1,908
4	Southern Tagalog	3,981	4,645	4,279	5,189	5,503
5	Bicol Region	1,533	1,692	1,438	1,617	1,699
6	Western Visayas	424	504	437	439	494
7	Central Visayas	851	941	819	921	920
8	Eastern Visayas	371	388	326	321	317
9	Western Mindanao	133	148	138	131	131
10	Northern Mindanao	884	958	762	837	961
11	Southern Mindanao	157	171	166	168	188
12	Central Mindanao	784	906	811	962	963
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.39 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
22,300	29,100	32,743	36,417	44,895	49,410	56,725	66,054	77,973
5,538	8,307	9,408	9,895	12,060	13,085	15,169	17,568	20,278
1,014	1,344	1,590	1,867	2,159	2,270	2,541	2,830	3,275
141	190	215	236	324	362	430	519	632
256	301	362	436	539	601	703	815	949
2,114	2,488	2,976	3,671	4,411	4,922	5,700	6,769	8,449
6,492	8,036	8,531	8,780	10,944	12,083	13,819	16,218	19,734
1,787	2,124	2,362	2,767	3,439	3,769	4,177	4,927	5,715
633	750	978	1,155	1,410	1,564	1,828	2,143	2,507
1,214	1,658	1,963	2,357	2,985	3,350	3,890	4,532	5,262
448	573	655	779	969	1,080	1,258	1,491	1,769
152	247	331	330	434	483	546	623	716
1,085	1,260	1,341	1,694	2,118	2,371	2,648	2,947	3,282
258	307	381	438	540	600	714	861	1,035
1,168	1,514	1,650	1,326	1,715	1,925	2,254	2,643	3,069
-	-	-	687	848	945	1,049	1,169	1,302

Table 3.40 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
18,674	19,552	19,681	20,255	23,061	26,060	28,008	29,357	30,315
4,442	5,562	5,650	5,534	6,495	7,206	7,729	8,078	8,226
804	869	1,000	1,080	1,105	1,199	1,284	1,322	1,348
120	128	135	132	158	183	196	209	222
212	200	215	239	272	312	330	340	348
1,815	1,645	1,783	2,083	2,273	2,595	2,808	2,973	3,162
5,904	5,707	5,361	5,090	5,758	6,551	7,083	7,440	7,858
1,524	1,445	1,439	1,553	1,795	2,043	2,202	2,326	2,340
521	527	616	681	793	912	974	1,028	1,044
925	1,016	1,100	1,220	1,362	1,566	1,668	1,751	1,769
344	354	366	403	476	545	574	616	662
117	154	176	161	190	217	231	236	240
859	821	757	870	1,018	1,166	1,252	1,285	1,301
176	172	190	201	227	255	272	290	310
912	952	896	665	744	859	922	969	986
-	-	-	342	395	452	483	493	497

Table 3.41
GROSS VALUE ADDED IN THE SERVICE SECTOR BY REGION
1985 to 1998
(In million pesos: at current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	230,782	252,553	283,743	334,711	392,471
NCR	Metro Manila	88,813	100,550	116,998	141,188	166,610
CAR	Cordillera Administrative	-	-	2,988	3,549	4,740
1	Ilocos Region	8,821	9,484	8,565	9,749	11,102
2	Cagayan Valley	5,372	5,754	4,942	5,677	6,413
3	Central Luzon	20,123	21,034	23,000	26,001	29,657
4	Southern Tagalog	25,193	27,315	30,525	34,899	41,476
5	Bicol Region	7,128	7,578	8,314	9,685	11,205
6	Western Visayas	16,701	17,544	19,516	23,150	26,978
7	Central Visayas	18,235	19,708	21,739	26,229	30,781
8	Eastern Visayas	5,098	5,535	5,996	6,908	7,981
9	Western Mindanao	6,071	6,413	6,790	7,793	9,106
10	Northern Mindanao	10,448	11,218	12,174	14,202	16,869
11	Southern Mindanao	13,560	14,898	16,347	19,003	21,962
12	Central Mindanao	5,218	5,522	5,850	6,677	7,590
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
1985 to 1998
(In million pesos: at constant 1985 prices)

	Region/Year	1985	1986	1987	1988	1989
	Philippines	230,782	240,534	253,121	271,238	290,310
NCR	Metro Manila	88,813	93,246	100,383	109,599	118,123
CAR	Cordillera Administrative	-	-	2,674	2,915	3,440
1	Ilocos Region	8,821	9,097	7,785	8,063	8,402
2	Cagayan Valley	5,372	5,467	4,411	4,560	4,717
3	Central Luzon	20,123	20,284	20,945	21,853	23,205
4	Southern Tagalog	25,193	26,371	27,902	28,980	31,099
5	Bicol Region	7,128	7,289	7,491	7,978	8,388
6	Western Visayas	16,701	17,173	18,227	19,888	21,305
7	Central Visayas	18,235	19,433	20,275	22,248	23,868
8	Eastern Visayas	5,098	5,180	5,254	5,486	5,727
9	Western Mindanao	6,071	6,273	6,277	6,547	6,911
10	Northern Mindanao	10,448	11,040	11,266	12,070	12,804
11	Southern Mindanao	13,560	14,416	15,019	15,606	16,649
12	Central Mindanao	5,218	5,264	5,214	5,444	5,671
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-

See notes on Table 3.29.

Source: National Statistical Coordination Board.

Table 3.41 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
469,934	561,638	612,823	674,010	769,716	882,657	1,027,238	1,188,974	1,376,075
203,443	244,355	267,771	292,948	337,960	389,206	453,696	529,770	616,892
5,437	6,424	7,255	8,493	9,823	11,284	13,560	15,915	18,351
13,016	15,127	16,834	19,046	21,728	24,851	28,892	33,849	39,499
7,780	9,133	9,915	11,061	12,629	14,418	16,825	19,894	23,371
34,813	40,929	44,227	48,514	55,062	62,009	71,804	82,862	95,400
49,471	60,555	66,706	73,135	83,196	95,291	111,559	128,036	149,331
13,193	15,496	16,894	18,817	21,717	24,551	28,871	33,848	39,522
32,201	38,502	41,603	46,207	51,617	58,812	68,681	77,264	88,182
36,250	43,817	47,348	51,592	57,907	66,099	76,057	87,022	99,715
9,263	10,838	11,825	13,379	15,143	17,240	20,447	23,603	27,117
10,640	12,751	13,856	12,954	14,776	17,306	19,800	22,728	26,115
19,721	22,967	24,298	26,888	30,559	34,994	40,618	46,588	53,125
25,885	30,279	32,963	36,193	40,613	46,759	53,557	60,822	69,013
8,820	10,466	11,328	11,026	12,688	14,539	16,651	19,230	21,844
-	-	-	3,757	4,296	5,299	6,220	7,542	8,598

Table 3.42 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
304,409	304,866	307,986	315,643	329,006	345,518	367,544	387,458	401,076
125,850	126,230	126,495	128,033	134,079	141,362	150,868	160,478	166,281
3,426	3,433	3,522	3,762	3,902	4,042	4,365	4,626	4,836
8,576	8,518	8,674	8,960	9,308	9,674	10,216	10,836	11,304
4,880	4,863	4,908	5,078	5,279	5,506	5,835	6,151	6,460
24,022	23,584	23,872	24,591	25,536	26,639	28,146	29,186	30,211
32,461	32,911	33,576	34,720	36,173	38,096	40,623	42,726	44,740
8,698	8,700	8,777	9,108	9,519	9,746	10,286	10,801	11,289
22,137	22,202	22,659	23,364	24,179	25,250	27,017	28,015	28,832
24,869	25,157	25,586	26,324	27,435	29,026	30,816	32,422	33,452
5,868	5,844	5,891	6,173	6,331	6,493	6,857	7,090	7,315
7,141	7,142	7,276	6,381	6,605	6,890	7,243	7,580	7,855
13,411	13,270	13,445	13,938	14,479	15,201	16,142	17,055	17,338
17,236	17,113	17,343	17,970	18,674	19,699	20,847	21,876	22,382
5,834	5,900	5,960	5,443	5,667	5,887	6,161	6,362	6,492
-	-	-	1,799	1,842	2,007	2,122	2,253	2,288

Table 3.43
PER CAPITA GROSS REGIONAL DOMESTIC PRODUCT
1985 to 1998
(At current prices)

	Region	1985	1986	1987	1988	1989
	Philippines	10,461	10,872	11,904	13,610	15,399
NCR	Metro Manila	23,660	25,200	28,374	33,218	38,438
CAR	Cordillera Administrative	-	-	12,700	14,121	15,922
1	Ilocos Region	6,414	7,362	6,125	6,797	7,801
2	Cagayan Valley	6,073	6,027	6,214	7,095	8,153
3	Central Luzon	9,856	9,885	10,477	11,600	12,538
4	Southern Tagalog	11,654	11,936	12,813	14,873	16,506
5	Bicol Region	4,938	4,954	5,020	5,681	6,417
6	Western Visayas	8,330	8,515	9,185	10,528	11,961
7	Central Visayas	8,523	8,971	9,933	11,667	13,625
8	Eastern Visayas	5,278	5,213	5,695	6,656	7,465
9	Western Mindanao	6,483	6,673	6,981	7,712	8,462
10	Northern Mindanao	10,199	10,471	11,319	12,299	13,938
11	Southern Mindanao	11,399	11,567	13,426	14,494	15,663
12	Central Mindanao	8,642	8,837	9,476	10,688	11,990
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
1985 to 1998
(At constant 1985 prices)

	Region	1985	1986	1987	1988	1989
	Philippines	10,461	10,560	10,756	11,215	11,639
NCR	Metro Manila	23,660	23,695	24,559	26,090	27,634
CAR	Cordillera Administrative	-	-	10,522	11,066	11,769
1	Ilocos Region	6,414	6,773	5,497	5,675	5,920
2	Cagayan Valley	6,073	6,064	5,695	5,942	6,103
3	Central Luzon	9,856	9,813	10,035	10,546	10,689
4	Southern Tagalog	11,654	11,866	12,150	12,784	13,293
5	Bicol Region	4,938	4,868	4,607	4,789	4,901
6	Western Visayas	8,330	8,364	8,427	8,586	9,020
7	Central Visayas	8,523	8,808	9,093	9,696	10,111
8	Eastern Visayas	5,278	5,132	5,078	5,334	5,263
9	Western Mindanao	6,483	6,544	6,410	6,393	6,462
10	Northern Mindanao	10,199	10,185	10,263	10,356	10,582
11	Southern Mindanao	11,399	11,520	12,000	11,784	11,808
12	Central Mindanao	8,642	8,849	8,632	8,800	8,847
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)

1990	1991	1992	1993	1994	1995	1996	1997	1998
17,522	19,852	21,032	22,013	24,670	27,124	30,208	32,931	35,488
43,593	50,107	52,235	54,521	61,536	68,429	77,144	87,220	95,709
17,608	20,118	19,979	21,799	25,806	28,912	31,763	37,200	41,838
9,246	10,155	10,179	10,820	12,577	14,589	16,720	18,037	20,190
9,601	9,989	10,306	11,542	13,213	14,882	16,408	17,881	18,816
14,966	16,989	18,403	18,990	20,499	22,316	24,844	26,839	26,982
19,225	22,676	24,076	23,718	26,543	28,210	30,883	33,446	35,531
7,276	8,073	8,648	10,321	11,518	12,447	13,671	15,069	16,276
13,337	14,753	16,139	17,943	19,671	21,464	24,359	25,300	27,547
15,331	17,618	18,561	18,805	21,018	23,008	26,065	28,651	31,433
8,413	9,373	9,963	11,398	12,665	13,568	15,418	16,558	18,227
9,760	10,778	11,715	15,155	16,992	18,306	19,082	20,020	21,278
15,248	16,926	18,134	19,150	21,837	23,761	26,092	26,940	28,678
17,229	18,589	19,898	19,731	22,150	24,508	27,075	28,186	30,173
12,853	13,581	14,949	18,085	19,595	22,943	25,141	25,772	26,887
-	-	-	6,395	7,720	9,047	9,488	10,321	10,974

Table 3.44 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
11,722	11,397	11,188	10,961	11,168	11,417	11,810	12,143	11,817
27,810	27,020	25,712	24,793	25,493	26,559	27,521	28,781	28,262
11,772	11,941	11,326	11,561	12,271	12,087	12,389	14,051	14,413
6,222	6,031	5,581	5,388	5,638	6,010	6,125	6,434	6,494
6,292	5,818	5,399	5,591	5,824	5,950	6,022	6,461	6,029
11,112	10,555	11,013	10,668	10,763	10,951	11,189	11,421	10,472
13,511	13,213	13,324	12,477	12,716	12,915	13,537	13,773	13,219
4,942	4,847	4,781	5,224	5,258	5,238	5,372	5,566	5,400
8,947	8,715	9,032	9,405	9,464	9,358	9,726	9,590	9,473
10,224	9,992	9,838	9,464	9,621	9,914	10,500	10,884	10,813
5,155	5,087	4,909	5,305	5,336	5,378	5,542	5,620	5,545
6,614	6,368	6,362	7,620	7,507	7,548	8,323	8,369	8,166
10,262	10,012	9,835	9,721	9,917	10,184	10,131	10,174	9,879
11,554	11,306	10,787	10,169	10,254	10,148	10,321	10,527	10,501
8,484	8,124	7,908	9,021	8,953	9,285	9,584	9,467	9,035
-	-	-	3,439	3,612	3,866	3,913	3,990	3,849

Table 3.45
MATRIX OF DOMESTIC TECHNICAL COEFFICIENTS: INTER-INDUSTRY ACCOUNTS 1994

Commodity	01	02	03	04
01 Agriculture, fishery and forestry	0.096271	0.002219	0.172164	0.000110
02 Mining and quarrying	0.000059	0.004238	0.049133	0.018679
03 Manufacturing	0.122172	0.228300	0.338499	0.285914
04 Construction	0.001243	0.026801	0.001010	0.010469
05 Electricity, steam and water	0.008160	0.053204	0.022928	0.004778
06 Transportation, communication and storage	0.017484	0.027983	0.021781	0.041477
07 Trade	0.012321	0.010944	0.047230	0.015456
08 Finance	0.010638	0.022664	0.010158	0.032012
09 Real estate	0.000345	0.002090	0.003529	0.005333
10 Private services	0.010843	0.059210	0.011507	0.049546
11 Government services	0.000000	0.000000	0.000000	0.000000
INTERMEDIATE INPUTS	0.279536	0.437653	0.677938	0.463775
Compensation of employees	0.235869	0.175477	0.085411	0.160294
Depreciation	0.056544	0.105044	0.027920	0.058971
Indirect taxes less subsidies	0.020675	0.028311	0.028358	0.017443
Operating Surplus	0.407376	0.253516	0.180373	0.299517
TOTAL PRIMARY INPUTS	0.720464	0.562348	0.322062	0.536225
TOTAL INPUTS	1.000000	1.000000	1.000000	1.000000

Source: National Statistical Coordination Board.

Table 3.45 (continued)

05	06	07	08	09	10	11
0.000518	0.001580	0.010991	0.000000	0.000000	0.041570	0.000727
0.001856	0.000000	0.000002	0.000000	0.000035	0.000248	0.000000
0.336136	0.301469	0.048571	0.021015	0.018417	0.243450	0.097959
0.003209	0.002608	0.001250	0.004186	0.071537	0.003358	0.009007
0.051565	0.010747	0.036163	0.029602	0.003141	0.031555	0.025889
0.002559	0.040032	0.112340	0.055860	0.003967	0.018638	0.030962
0.043943	0.034405	0.008825	0.002250	0.001714	0.025450	0.010667
0.013422	0.026068	0.074063	0.057412	0.013888	0.009480	0.044085
0.000319	0.018045	0.008184	0.017705	0.000827	0.009236	0.004687
0.005752	0.073532	0.042772	0.094506	0.009009	0.070937	0.085829
0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
0.459278	0.508485	0.343162	0.282538	0.122535	0.453923	0.309812
0.092100	0.164160	0.146607	0.172314	0.033634	0.214474	0.661749
0.143434	0.105646	0.041825	0.048490	0.023921	0.051004	0.028374
0.023130	0.023850	0.045102	0.090799	0.014077	0.029160	0.000000
0.282058	0.197859	0.423305	0.405859	0.805832	0.251438	0.000065
0.540722	0.491515	0.656838	0.717462	0.877465	0.546077	0.690188
1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

Table 3.46

MATRIX OF INVERSE COEFFICIENTS, $(I-A)^{-1}$: INTER-INDUSTRY ACCOUNTS 1994

Commodity	01	02	03	04	05
01 Agriculture, fishery and forestry	1.156774	0.099658	0.323858	0.110516	0.120247
02 Mining and quarrying	0.012774	1.028957	0.083235	0.046539	0.032499
03 Manufacturing	0.255633	0.485783	1.682000	0.556001	0.615406
04 Construction	0.002611	0.029887	0.005780	1.014148	0.005911
05 Electricity, gas and water	0.019774	0.076820	0.054826	0.029024	1.077514
06 Transportation, communication and sto	0.032482	0.053403	0.060383	0.070219	0.032114
07 Trade	0.029406	0.043759	0.090909	0.050067	0.080946
08 Finance and insurance	0.019976	0.039082	0.034140	0.050038	0.031911
09 Real estate	0.002749	0.006889	0.009113	0.010812	0.004722
10 Private services	0.023726	0.085110	0.043090	0.078463	0.027643
11 Government services	0.000000	0.000000	0.000000	0.000000	0.000000
OUTPUT MULTIPLIER	1.555905	1.949348	2.387334	2.015827	2.028914
Backward Linkage	0.852430	1.067985	1.307943	1.104406	1.111576
Rank	9	6	1	4	3

Source: National Statistical Coordination Board.

Table 3.46 (continued)

06	07	08	09	10	11	Forward Linkage	Rank
0.119627	0.055714	0.033617	0.016614	0.145567	0.055026	1.225699	2
0.029240	0.010458	0.007443	0.005466	0.024933	0.012934	0.709203	8
0.587909	0.207981	0.145806	0.081943	0.495022	0.255614	2.941555	1
0.006854	0.004011	0.007261	0.072930	0.006552	0.011335	0.639515	9
0.036762	0.052068	0.043120	0.007806	0.054655	0.041865	0.818641	6
1.071629	0.133384	0.071195	0.012119	0.044634	0.049031	0.893350	4
0.071578	1.028688	0.017456	0.008330	0.057955	0.030445	0.827028	5
0.045806	0.089441	1.068759	0.019734	0.025586	0.056412	0.811329	7
0.023941	0.013895	0.022059	1.002335	0.013763	0.008855	0.613136	10
0.104137	0.071577	0.118696	0.018564	1.095397	0.108985	0.972677	3
0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.547868	11
2.097481	1.667217	1.535412	1.245842	1.964063	1.630503		
1.149142	0.913414	0.841202	0.682556	1.076046	0.893300		
2	7	10	11	5	8		

Table 3.47
SUMMARY MATRIX BY SECTOR : FLOW OF FUNDS ACCOUNTS
1994
In million pesos

Sectors/ Transaction Categories	Whole					
	Domestic					
	Households & Non-Corporate Business [1]		Private Corporations		Government [2]	
	U	S	U	S	U	S
GROSS SAVINGS		59,922		143,915		70,592
Capital Consumption		47,137		29,325		72,237
Net Savings		12,785		114,590		(1,645)
GROSS INVESTMENT	109,090		143,915		70,592	
Real Investments	33,713		172,351		187,459	
Consumer Durables						
Real Estate/Other Fixed Assets	75,681		122,107		187,695	
Inventory	(41,968)		50,244		(236)	
Net Financial Investment	75,377		(28,436)		(116,867)	
Total Financial Uses	147,181		308,409		61,635	
Total Financial Sources		71,804		336,845		178,502
Gold & Foreign Cur. Holdings						
Foreign Currency Deposits						
Foreign loans				(144,159)		123,316
Other Foreign Monetary Claims						
Domestic Currency	67,868		2,829		18,546	
Demand Deposits	11,483		9,118		(26,665)	
Savings and Time Deposits	15,942		87,358		3,266	
Deposit Substitutes	(4,505)		4,505			
Domestic Loans		5,612	42,283	215,207	(1,288)	(22,773)
Investments/Securities	46,034		118,733	140,197	(17,738)	29,677
Insurance Reserves	8,690		223	657		
Trust Funds	1,669		(77)	86		
Trade Credits		(98,821)	14,189	89,001	(4,414)	20,947
Taxes Payable			3,130	9,338	4,178	
Inter-Financial Claims						
Inter-Governmental Claims					79,955	79,955
Miscellaneous		165,013	26,118	26,518	5,795	(52,620)
STATISTICAL DISCREPANCY	(49,168)					

[1]- Derived as residual.
[2]- National, Local & Owned or Controlled Corporations.
[3]- Includes Government Financial Institutions.
[4]- National Statistical Coordination Board (NSCB), National Accounts of the Philippines (As of May 1997).

U Uses
S Sources

Source: Bangko Sentral ng Pilipinas.

Table 3.47 (continued)

Economy									
Economy				Rest of the World		All Sectors		National Savings and Investments	
Financial Intermediaries [3]		Total							
U	S	U	S	U	S	U	S	U	S
	53,024		327,453		30,746		358,199		327,453
	2,838		151,537				151,537		151,537
	50,186		175,916		30,746		206,662		175,916
53,024		376,621		30,746		407,367		376,621	
13,844		407,367				407,367		407,367	
14,656		400,139				400,139		400,139	
(812)		7,228				7,228		7,228	
39,180		(30,746) [4]		30,746		0		(30,746)	
241,051		758,276		31,110		789,386		758,276	
	201,871		789,022		364		789,386		789,022
(5,887)		(5,887)			(5,887)	(5,887)	(5,887)	(5,887)	
5,863	(1,280)	5,863	(1,280)	(1,280)	5,863	4,583	4,583	5,863	(1,280)
(5,153)	49,702	(5,153)	28,859	28,859	(5,153)	23,706	23,706	(5,153)	28,859
5,541	3,531	5,541	3,531	3,531	5,541	9,072	9,072	5,541	3,531
(4,679)	84,564	84,564	84,564			84,564	84,564	84,564	84,564
(775)	(6,839)	(6,839)	(6,839)			(6,839)	(6,839)	(6,839)	(6,839)
4,164	110,730	110,730	110,730			110,730	110,730	110,730	110,730
0	0	0	0			0	0	0	0
185,358	28,307	226,353	226,353			226,353	226,353	226,353	226,353
18,312	(4,533)	165,341	165,341			165,341	165,341	165,341	165,341
0	8,256	8,913	8,913			8,913	8,913	8,913	8,913
110	1,616	1,702	1,702			1,702	1,702	1,702	1,702
1,601	249	11,376	11,376			11,376	11,376	11,376	11,376
0	(2,030)	7,308	7,308			7,308	7,308	7,308	7,308
24,281	24,281	24,281	24,281			24,281	24,281	24,281	24,281
0	0	79,955	79,955			79,955	79,955	79,955	79,955
12,315	(94,683)	44,228	44,228			44,228	44,228	44,228	44,228
		(49,168)				(49,168)		(49,168)	

Table 3.48
FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX
1994
In million pesos

Sector Transaction Categories	Financial			
	Total		Total	
	U	S	U	S
GROSS SAVINGS		53,024		27,661
Capital Consumption		2,838		2,418
Net Savings		50,186		25,243
GROSS INVESTMENT	53,024		27,661	
Real Investment	13,844		14,408	
Consumer Durables				
Real Estate/Other Fixed Assets	14,656		14,408	
Inventory	(812)			
Net Financial Investment	39,180		13,253	
Total Financial Uses	241,051		240,908	
Total Financial Sources		201,871		227,655
Gold & Foreign Currency Holdings	(5,887)	0	1,811	0
Foreign Currency Deposits	5,863	(1,280)	0	26,486
Foreign loans	(5,153)	49,702	(5,153)	21,492
Other Foreign Claims	5,541	3,531	(1,997)	3,762
Domestic Currency	(4,679)	84,564	2,965	0
Demand Deposits	(775)	(6,839)	(768)	4,282
Savings and Time Deposits	4,164	110,730	529	114,605
Deposit Substitutes	0	0	0	0
Domestic Loans	185,358	28,307	140,099	13,772
Investments/Securities	18,312	(4,533)	67,810	18,258
Insurance Reserves	0	8,256	0	4,169
Trust Funds	110	1,616	1	0
Trade Credits	1,601	249	1,275	379
Taxes Payable	0	(2,030)	0	245
Inter-Financial Claims	24,281	24,281	30,483	30,483
Inter-Governmental Claims	0	0	0	0
Miscellaneous	12,315	(94,683)	3,853	(10,278)
STATISTICAL DISCREPANCY				

U Uses
S Sources

Source: Bangko Sentral ng Pilipinas.

Table 3.48 (continued)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	16,301		4,507		942		5,911
	2,830		(659)		179		68
	13,471		5,166		763		5,843
16,301		4,507		942		5,911	
10,673		912		1,964		859	
10,673		912		1,964		859	
5,628		3,595		(1,022)		5,052	
186,561		29,836		6,341		18,170	
	180,933		26,241		7,363		13,118
1,889		(78)					
	28,333		(1,847)				
(5,153)	21,492						
(1,276)	3,762	(721)					
1,889		(159)		703		532	
(908)	4,455	144	(173)			(4)	
	100,206		14,360	529			39
104,107	5,837	23,428	2,446	1,512	134	11,052	5,355
49,839	11,784	8,184	1,814	2,539	511	7,248	4,149
					4,169		
				1			
				1,275	379		
	889		(791)		147		
32,290	106	(1,566)	4,221	(584)	561	343	25,595
3,884	4,069	604	6,211	366	1,462	(1,001)	(22,020)

Table 3.48 (continued)
FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX
1994
In million pesos

Sector / Transaction Categories	Total		Financial Government: Monetary Authorities		Financial Government: Specialized Government Banks	
	U	S	U	S	U	S
GROSS SAVINGS		25,363		12,262		1,033
Capital Consumption		420		278		(11)
Net Savings		24,943		11,984		1,044
GROSS INVESTMENT	25,363		12,262		1,033	
Real Investment	(564)		(668)		147	
Consumer Durables						
Real Estate/Other Fixed Assets	248		152		147	
Inventory	(812)		(820)			
Net Financial Investment	25,927		12,930		886	
Total Financial Uses	143		(39,173)		2,657	
Total Financial Sources		(25,784)		(52,103)		1,771
Gold & Foreign Currency Holdings	(7,698)		(7,698)			
Foreign Currency Deposits	5,863	(27,766)	5,863	(27,811)		45
Foreign loans	0	28,210		25,002		3,208
Other Foreign Claims	7,538	(231)	11,566	(1,668)	(4,028)	1,437
Domestic Currency	(7,644)	84,564		84,564	36	
Demand Deposits	(7)	(11,121)		(8,129)	(7)	(2,992)
Savings and Time Deposits	3,635	(3,875)				(3,875)
Deposit Substitutes	0	0				
Domestic Loans	45,259	14,535	4,294		2,940	4,580
Investments/Securities	(49,498)	(22,791)	(59,243)	(26,110)	1,888	
Insurance Reserves	0	4,087				
Trust Funds	109	1,616				8
Trade Credits	326	(130)				
Taxes Payable	0	(2,275)		(1,114)		(1,161)
Inter-Financial Claims	(6,202)	(6,202)	(7,443)	(56,022)	1,339	(105)
Inter-Governmental Claims	0	0				
Miscellaneous	8,462	(84,405)	13,488	(40,815)	489	626
STATISTICAL DISCREPANCY						

Table 3.48 (continued)

Sector						Non - Financial Sector	
Government							
Social Security Agencies		ONBFI		Rest of the World		Total	
U	S	U	S	U	S	U	S
	8,915		3,153		30,746		274,429
	161		(8)				148,699
	8,754		3,161		30,746		125,730
8,915		3,153		30,746		323,597	
502		(545)				393,523	
492		(543)				385,483	
10		(2)				8,040	
8,413		3,698		30,746		(69,926)	
12,573		24,086		31,110		517,225	
	4,160		20,388		364		587,151
					(5,887)	0	0
				(1,280)	5,863	0	0
				28,859	(5,153)	0	(20,843)
				3,531	5,541	0	0
(4,050)		(3,630)				89,243	0
						(6,064)	0
3,635						106,566	0
						0	0
12,408		25,617	9,955			40,995	198,046
402		7,455	3,319			147,029	169,874
	4,087					8,913	657
109	34		1,574			1,592	86
326	(130)					9,775	11,127
						7,308	9,338
(98)	30		49,895			0	0
						79,955	79,955
(159)	139	(5,356)	(44,355)			31,913	138,911
						(49,168)	

Table 3.48 (continued)
FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX
1994
In million pesos

Sector / Transaction Categories	Non-Financial Sector					
	Government					
	Total		National		Local	
	U	S	U	S	U	S
GROSS SAVINGS		70,592		(57,067)		17,816
Capital Consumption		72,237		4,005		1,403
Net Savings		(1,645)		(61,072)		16,413
GROSS INVESTMENT	70,592		(57,067)		17,816	
Real Investment	187,459		45,143		15,963	
Consumer Durables						
Real Estate/Other Fixed Assets	187,695		44,052		15,440	
Inventory	(236)		1,091		523	
Net Financial Investment	(116,867)		(102,210)		1,853	
Total Financial Uses	61,635		34,821		7,804	
Total Financial Sources		178,502		137,031		5,951
Gold & Foreign Currency Holdings	0	0				
Foreign Currency Deposits	0	0				
Foreign loans	0	123,316		123,505		
Other Foreign Claims	0	0				
Domestic Currency	18,546	0	3,450		6,500	
Demand Deposits	(26,665)	0	(27,631)			
Savings and Time Deposits	3,266	0	(7,514)			
Deposit Substitutes	0	0				
Domestic Loans	(1,288)	(22,773)	581	(18,757)		1,773
Investments/Securities	(17,738)	29,677	(7,617)	3,019	133	
Insurance Reserves	0	0				
Trust Funds	0	0				
Trade Credits	(4,414)	20,947	1,661	22,210	617	2,184
Taxes Payable	4,178	0	4,178			
Inter-Financial Claims	0	0				
Inter-Governmental Claims	79,955	79,955	79,955	(2,665)		1,392
Miscellaneous	5,795	(52,620)	(12,242)	9,719	554	602
STATISTICAL DISCREPANCY						

Table 3.48 (continued)

Non-Financial Sector								1994 Grand Total	
Government		Private							
Corporation		Total		Private Corporations		Households and Non-Corporate Business			
U	S	U	S	U	S	U	S	U	S
	109,843		203,837		143,915		59,922		358,199
	66,829		76,462		29,325		47,137		151,537
	43,014		127,375		114,590		12,785		206,662
109,843		253,005		143,915		109,090		407,367	
126,353		206,064		172,351		33,713		407,367	
		0							
128,203		197,788		122,107		75,681		400,139	
(1,850)		8,276		50,244		(41,968)		7,228	
(16,510)		46,941		(28,436)		75,377		0	
19,010		455,590		308,409		147,181		789,386	
	35,520		408,649		336,845		71,804		789,386
								(5,887)	(5,887)
								4,583	4,583
	(189)		(144,159)		(144,159)			23,706	23,706
								9,072	9,072
8,596		70,697		2,829		67,868		84,564	84,564
966		20,601		9,118		11,483		(6,839)	(6,839)
10,780		103,300		87,358		15,942		110,730	110,730
		0	0	4,505		(4,505)		0	0
(1,869)	(5,789)	42,283	220,819	42,283	215,207		5,612	226,353	226,353
(10,254)	26,658	164,767	140,197	118,733	140,197	46,034		165,341	165,341
		8,913	657	223	657	8,690		8,913	8,913
		1,592	86	(77)	86	1,669		1,702	1,702
(6,692)	(3,447)	14,189	(9,820)	14,189	89,001		(98,821)	11,376	11,376
		3,130	9,338	3,130	9,338			7,308	7,308
								24,281	24,281
	81,228		0					79,955	79,955
17,483	(62,941)	26,118	191,531	26,118	26,518		165,013	44,228	44,228
		(49,168)				(49,168)		(49,168)	0

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 statistics, there are varying sources of the data which include 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 , Development and Evaluation Division (PDED). 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 Mine and Geo-Sciences Bureau (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

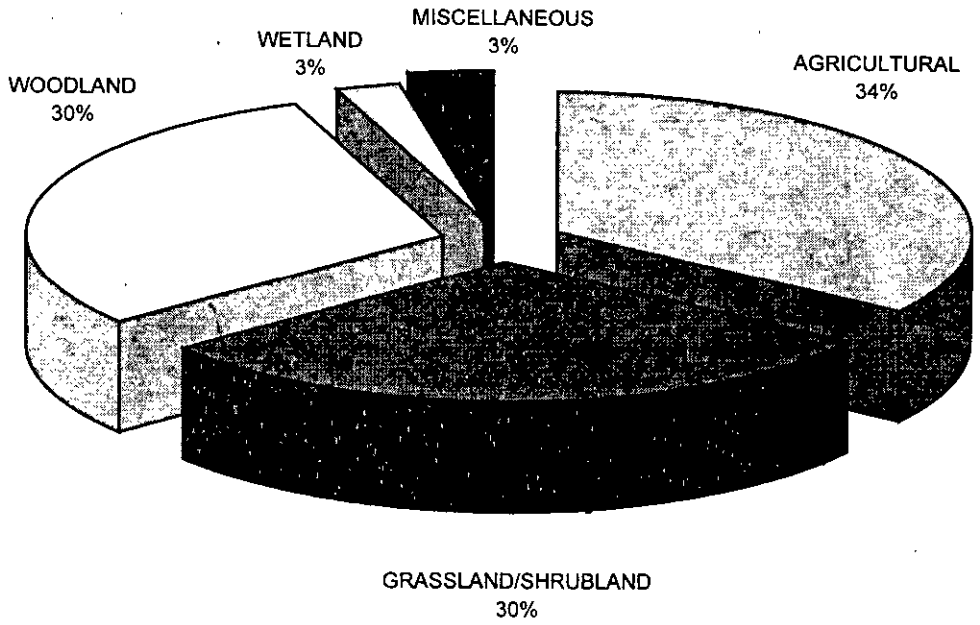

Figure 4.2 DISTRIBUTION OF LAND USE/VEGETATION BY REGION: 1991

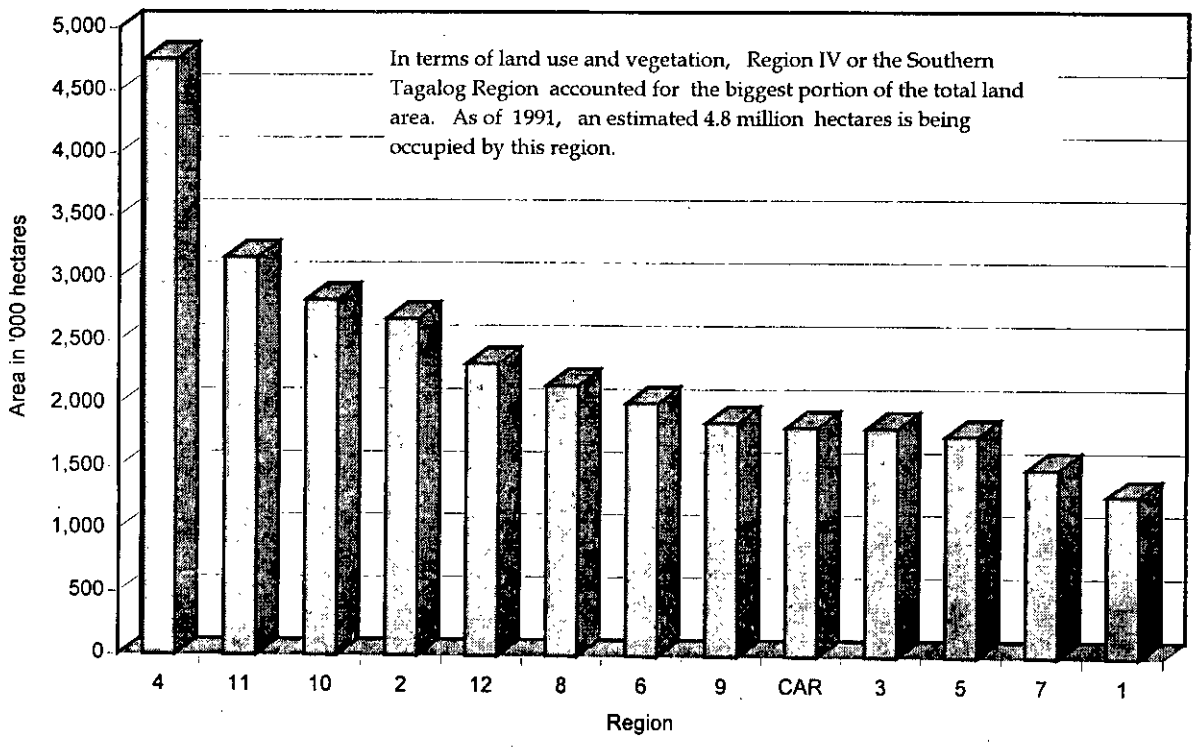

Table 4.1
STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE
As of December 1998
(In hectares)

	Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Forest Land
	Philippines	30,000,000	14,145,027	15,854,973	1,089,169
NCR	NATIONAL CAPITAL REGION	63,600	48,232	15,368	14,740
CAR	CORDILLERA ADMINISTRATIVE REGION	1,829,368	350,099	1,479,269	8,105
	Abra	397,555	98,420	299,135	8,105
	Benguet	265,538	97,340	168,198	-
	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	810,899	473,120	30,294
	Ilocos Norte	339,934	144,948	194,986	-
	Ilocos Sur	257,958	138,412	119,546	26,176
	La Union	149,309	120,443	28,866	2,513
	Pangasinan	536,818	407,096	129,722	1,605
2	CAGAYAN VALLEY	2,683,758	965,965	1,717,793	6,250
	Batanes	20,928	7,432	13,496	-
	Cagayan	900,267	353,193	547,074	6,250
	Isabela	1,066,456	459,666	606,790	-
	Nueva Vizcaya	390,387	88,921	301,466	-
	Quirino	305,720	56,753	248,967	-
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	77,177	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	2,172,866	2,519,550	524,266
	Aurora	323,954	132,008	191,946	-
	Batangas	316,581	267,760	48,821	5,777
	Cavite	128,755	107,733	21,022	4,147
	Laguna	175,973	134,720	41,253	-
	Marinduque	95,925	73,720	22,205	-
	Mindoro Occidental	587,985	156,004	431,981	26,949
	Mindoro Oriental	436,472	222,573	213,899	4,688
	Palawan	1,489,626	447,776	1,041,850	447,776
	Quezon	870,660	474,439	396,221	6,887
	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	Forest Reserves	Established Timberland	National Parks GRBS/WA	Military & Naval Reservation	Civil Reservation	Fishpond Development
14,765,804	3,272,912	9,934,252	893,221	130,154	165,946	75,548
628	-	237	59	-	-	332
1,471,164	804,795	658,908	6,907	554	-	-
291,030	258,743	32,230	57	-	-	-
168,198	19,735	142,397	5,512	554	-	-
226,369	28,467	197,902	-	-	-	-
624,085	374,997	247,750	1,338	-	-	-
161,482	122,853	38,629	-	-	-	-
442,826	226,846	201,164	12,999	288	923	606
194,986	193,272	1,374	340	-	-	-
93,370	10,609	81,141	1,620	-	-	-
26,353	90	15,316	10,947	-	-	-
128,117	22,875	103,333	92	288	923	606
1,711,543	209,288	1,465,435	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	-
301,466	95,838	205,617	-	-	11	-
248,967	42,812	206,155	-	-	-	-
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
1,995,284	455,395	903,434	581,666	3,835	45,278	5,676
191,946	84,803	102,953	4,190	-	-	-
43,044	-	34,137	8,537	51	-	319
16,875	-	14,076	-	2,799	-	-
41,253	3,637	34,588	2,754	274	-	-
22,205	17,901	4,304	-	-	-	-
405,032	91,270	101,365	192,811	147	16,190	3,249
209,211	85,659	75,081	44,289	-	3,680	502
594,074	74,267	174,883	319,544	-	25,380	-
389,334	72,606	305,721	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 1998
(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
	Eesren Samar	433,965	142,982	290,983	-
	Northern Leyte	626,826	410,182	216,644	19,350
	Northern Samar	349,798	148,134	201,664	-
	Southern Leyte	173,480	125,961	47,519	19,575
	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	Forest Reserves	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	-	862	5,637
290,983	1,890	288,467	-	-	-	626
197,294	19,782	173,247	3,268	48	862	87
201,664	11,864	188,160	-	128	-	1,512
27,944	17,804	10,140	-	-	-	-
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. 1989 to 1998

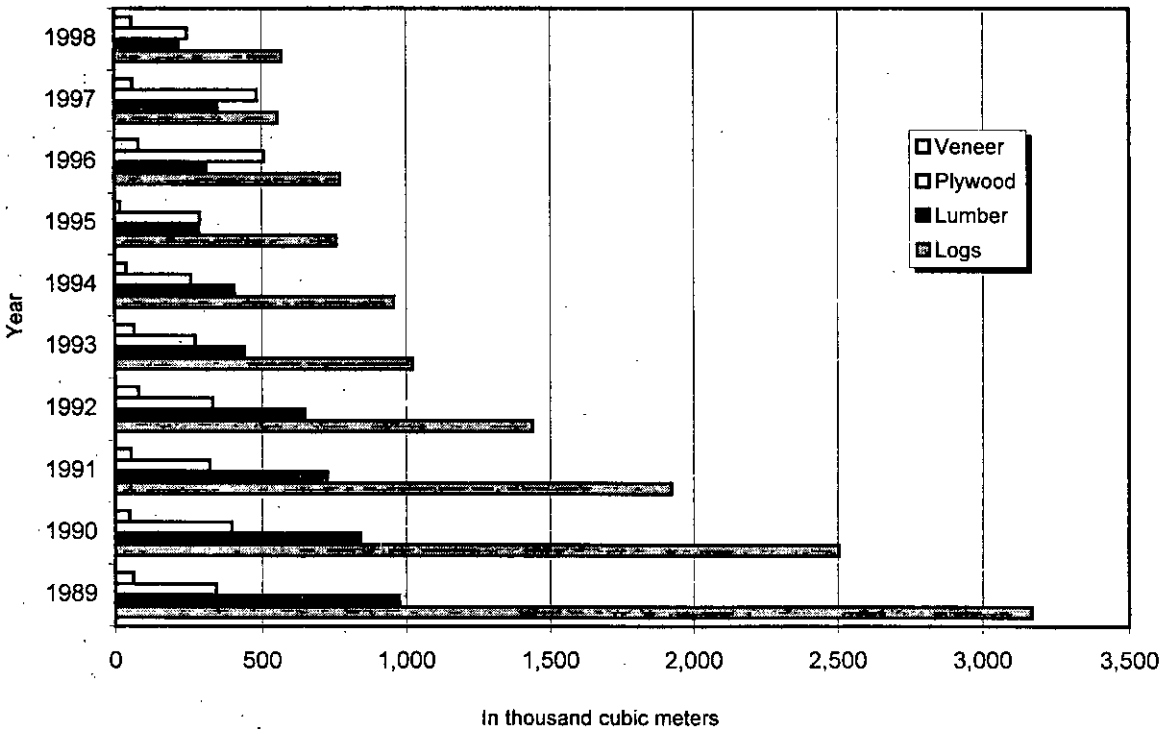

Figure 4.4 METALLIC MINERAL RESERVES: 1987 to 1996

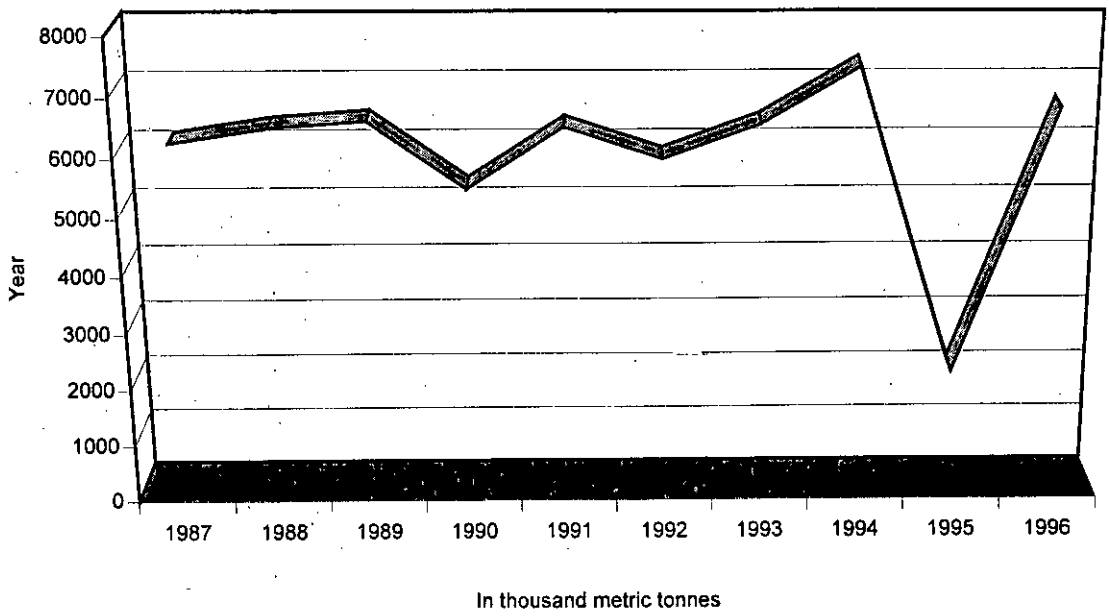

Table 4.2
CLASSIFIED AND UNCLASSIFIED LAND AREA
1976 to 1998
(In hectares)

Year	Alienable and Disposable		Forest Land			
			Classified		Unclassified	
	Area	Percent	Area	Percent	Area	Percent
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	13,070,886	43.57	9,301,190	31.00	7,627,924	25.43
1979	13,093,263	43.64	9,301,190	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	39.09	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
1997	14,145,027	47.15	14,765,804	49.22	1,089,169	3.63
1998	14,145,027	47.15	14,765,804	49.22	1,089,169	3.63

Notes: "The percentages were 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 the 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	30,017,927	1,829,368	1,284,019	2,683,758	1,823,082
AGRICULTURAL AREAS	10,298,384	190,235	415,434	709,964	653,607
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
GRASSLAND/SHRUBLAND AREAS	8,991,375	758,363	598,830	573,066	569,054
Grasses	6,468,557	621,558	332,397	523,816	449,059
Bamboo	91,771	-	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
4,756,016	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
1,096,094	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
44,411	-	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	-	-	-	-

PRN - Paddy rice non-irrigated

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 1998
(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 [a]	4,271
1991	93,039	73,602	72,238	1,364	19,437	18,089 [a]	1,348
1992	40,593	24,304	24,304	-	16,289	11,683 [a]	4,606
1993	19,211	6,347	6,347	-	12,864	12,692 [a]	172
1994	49,551	18,032	18,032	-	31,519	9,468 [a]	22,051
1995	65,233	21,841	21,841	-	43,392	30,380 [b]	13,012
1996	46,096	18,869	18,869	-	27,227	20,005 [b]	7,222
1997	66,237	49,301	48,490	811	16,936	14,357	2,579
1998	42,368	33,219	32,643	576	9,149	8,236	913

[a] - Including Enrichment Planting of Timber Licensees
[b] - Including lands and other organizations

Source: Philippine Forestry Statistics Yearbook, Forest Management Bureau

Table 4.5
FOREST DESTRUCTION BY CAUSE
1980 to 1998
(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 [a]	...	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
1998	52,681	...	52,681	...	...

[a] - Disaggregation not available
Source: Department of Environment and Natural Recources

Table 4.6
QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD, AND VENEER
1976 to 1998
(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 *
1992	1,438	647	331	80 *
1993	1,022	440	273	65
1994	957	407	258	39
1995	758	286	290	19
1996	771	313	508	82
1997	556	351	484	62
1998	570	216	246	58

* - Excluding data for the Autonomous Region in Muslim Mindanao
Source: Philippine Forestry Statistics Yearbook, Forest Management Bureau

Table 4.7
ROUNDWOOD PRODUCTION
1976 to 1997
(In thousand cubic meters)

Year	Grand Total	Log			Fuelwood/Firewood		
		Sawlog/Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
1976	8,729	8,646 [a]	-	-	8	34	41
1977	7,951	7,721 [b]	152	-	23	52	3
1978	7,246	6,774 [b]	395	-	1	73	3
1979	6,773	6,153 [b]	443	-	16	156	5
1980	6,462	5,978 [b]	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 [c]	53
1985	3,914	3,185	368	15	-	310 [c]	36
1986	3,588	3,078	318	38	-	125 [c]	29
1987	4,253	3,412	681	54	-	77 [c]	29
1988	3,893	3,185	615	9	-	81 [c]	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 [c]	-
1997	593	241	312	3	-	25	12

[a] - Including pulpwood and poles & piles
[b] - Including poles and piles
[c] - Including mangrove
Source: Philippine Forestry Statistics Yearbook, Forest Management Bureau

Figure 4.5 TOTAL VALUE OF MINERAL PRODUCTION: 1989 to 1998

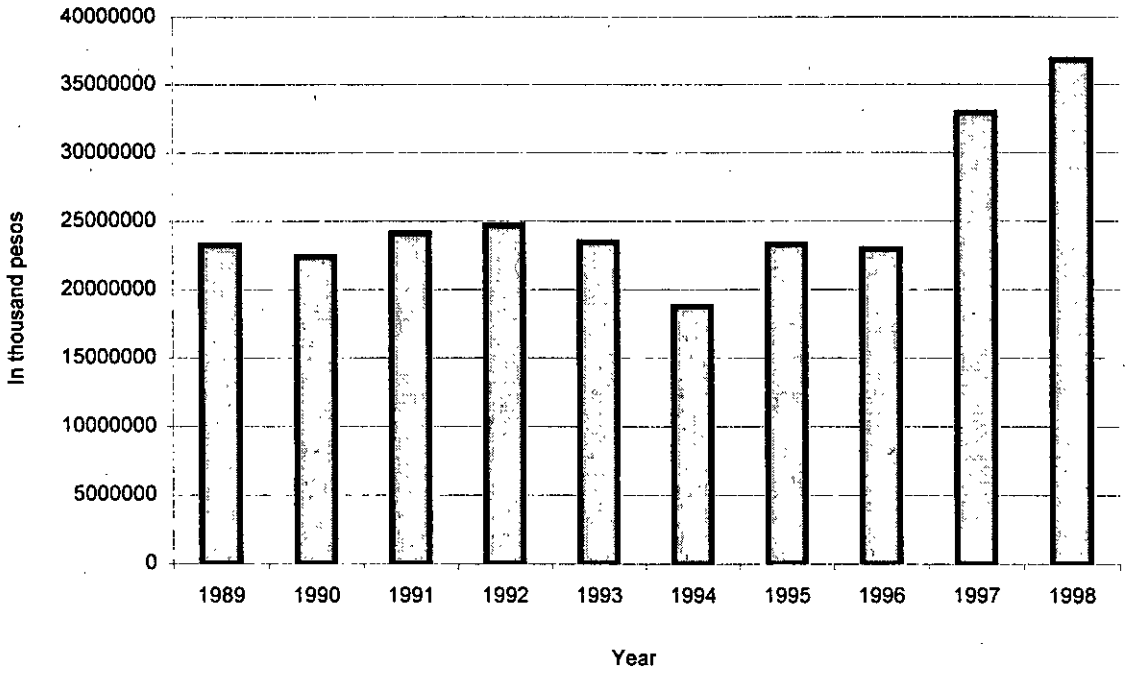

Figure 4.6 AVERAGE AMOUNT OF RAINFALL BY SELECTED STATION: 1998

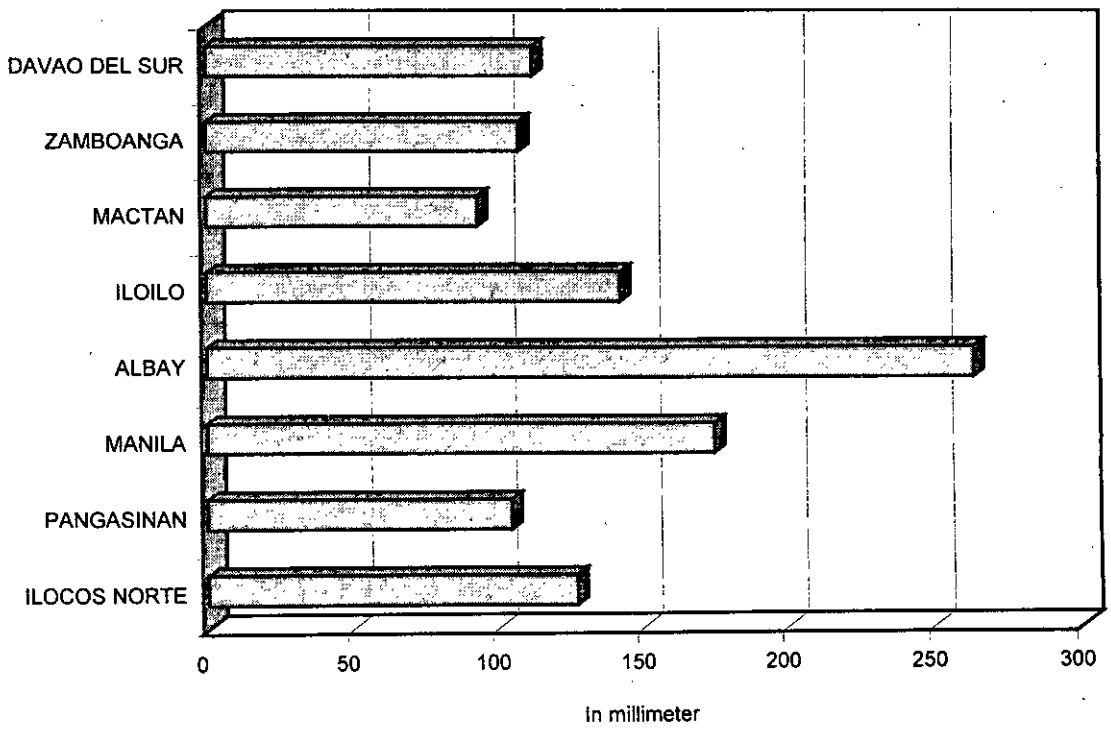

Table 4.8
PRODUCTION OF SELECTED NON-TIMBER FOREST PRODUCTS
1976 to 1997
(In thousands)

Year	Almaciga Resin	Diliman and Other Vines	Split Rattan	Salago Bark	Tanbark	Buri Midribs	Nipa Shingles	Anahaw Leaves	Bamboo [1]	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
1997	310	33	2	-	-	2	4,899	34	163	-	19,519

[1] - Includes boho

Source: Philippine Forestry Statistics Yearbook, Forest Management Bureau

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

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 [1]	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
Non-Metallic	6,972,761	6,993,717	6,595,648	6,566,477	6,611,475	6,638,817	6,637,809	6,537,959
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	-	-	-	-	-	-	-	-
Diatomaceuos 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
6,638,107	9,522,368	5,246,059	17,346,788	9,926,366	22,694,352	14,281,640	15,924,372
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 [a]	1,452,404 [a]	3,584,250 [a]	3,388,244 [a]	3,574,829 [a]	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 [a]	89,938 [a]	11,166,032 [a]	4,358,114 [a]	14,390,704 [a]	10,815,008	10,873,230
-	6,409 [a]	6,409 [a]	26,409 [a]	22,557 [a]	22,557 [a]	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 [a]	300,496 [a]	367,926 [a]	437,834 [a]	1,683,757	1,447,703	1,689,848
2,407	-	-	89	106	513	513	513
-	4,471 [a]	1,303 [a]	14,629 [a]	28,963 [a]	84,167 [a]	82,863 [a]	84,167 [a]
-	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 [a]	60,089	-
213,873	328,526	126,226	163,462	201,152	649,626 [a]	296,844	573,689
-	1,098,097	934,163	1,054,378	1,253,357	1,471,166 [a]	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 1998
(Quantity in thousands; value in thousand pesos)

Mineral/Mineral Product	Unit Used	1991		1992		1993	
		Quantity	Value	Quantity	Value	Quantity	Value
TOTAL		...	24,086,430	...	24,663,871	...	23,439,487
METALLICS		...	17,064,137	...	14,672,018	...	14,757,027
Precious Metals		...	8,330,330	...	7,291,803	...	8,042,422
Gold	KG	25.9	8,196,155	25.6	7,189,015	24.9	7,926,153
Silver	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	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	DMT	557.2	648,318	593.9	595,938	346.9	350,771
Metal	MT	13.7	-	14.0	-	7.9	-
Zinc:							
Concentrate	DMT	-	-	-	-	-	-
Metal	MT	-	-	-	-	-	-
Molybdenum							
Concentrate	DMT	-	-	-	-	-	-
Metal	MT	-	-	-	-	-	-
NON-METALLICS		...	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	Bags	172,285.4	(14,730,405)	166,673.6	(17,500,728)	199,035.2	(12,539,215

( ) - Cement in the National Account is classified under the manufacturing sector. Values for cement raw materials are considered.

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

Source: Mines and Geo-Sciences Bureau.

Table 4.10 (continued)

1994		1995		1996		1997		1998 P	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
..	20,299,336	..	23,267,758	..	22,917,762	...	32,909,952	...	36,829,317
...	10,908,999	...	14,585,298	...	13,527,425	...	13,423,923	...	16,423,604
...	4,944,959	...	8,556,697	...	9,888,115	...	10,000,221	...	12,884,921
14.7	4,821,844	26.9	8,442,113	30.0	9,784,384	32.7	9,909,028	34.0	12,760,119
29.6	123,115	32.0	114,584	24.0	103,731	20.7	91,192	18.2	124,801
	5,964,040	...	6,028,601	...	3,639,310	...	3,423,703	...	3,538,683
-	-	-	-	-	-	-	-	-	-
1.0	2,252	13.3	22,465	31.5	52,530	26.9	49,805	12.2	29,434
10.9	35,230	22.0	44,751	17.2	42,784	17.0	48,870	9.5	32,390
64.0	115,239	66.8	175,003	67.9	179,708	54.2	18,380	19.7	99,938
-	-	-	-	-	-	-	-	-	-
435.3	5,521,403	399.0	(5,786,382)	256.5	3,364,288	187.6	2,792,220	177.8	2,753,486
112.1	-	102.6	5,786,382	62.3	-	48.6	-	-	-
-	-	-	-	-	-	11.8	347	-	-
-	-	-	-	-	-	-	-	-	-
				-	-				
431.0	289,916	-	-	-	-	814.3	514,081	959.9	623,435
9.9	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
...	9,390,337	...	8,682,460	...	9,390,337	...	19,486,028	...	20,405,713
1,458.0	1,458,071	1,581.8	1,581,873	1,458.0	1,458,071	1,078.7	1,186,519	1,157	1,157,204
492.1	1,043,395	535.4	3,128,136	492.1	1,043,395	686.5	7,250,251	728	7,685,788
63.0	6,001	102.9	17,016	63.0	6,001	20.5	2,754	15.5	1,616
16,393.0	6,111,117	16,692.7	3,389,094	16,393.0	6,111,117	40,030.1	10,061,713	35,626.8	8,945,316
600,091.0	592,260	...	244,616	600,091.0	592,260	40,030	175,298	...	240,493
3,803.0	143,053	5,355.7	267,642	3,803.0	143,053	10,216.3	705,619	18,690.5	2,295,754
638.0	25,597	647.5	23,294	638.0	25,597	1,126.0	66,644	780.4	35,175
71.0	10,843	225.7	30,789	71.0	10,843	212.3	37,230	317.6	44,367
-	-	-	-	-	-	-	-	-	-
239,270.0	(21,055,757)	199,035.2	(12,539,215)	239,270.0	(21,055,757)	367,018.9	(33,031,702)	322,196.4	(22,553,751)

Table 4.11
AVERAGE CONCENTRATION OF TOTAL SUSPENDED PARTICULATES (TSP) (ug/Ncm) and SO_2 (ppm) IN THE ATMOSPHERE BY AIR QUALITY MONITORING STATION IN METRO MANILA 1988 to 1998

City/Municipality	Monitoring Station	1988		1989		1990		1991	
		TSP	SO_2	TSP	SO_2	TSP	SO_2	TSP	SO_2
Valenzuela	Municipal Hall	147	0.015	253	...	253	...	257	0.012
Ermita	Pedro Gil cor. Taft Avenue	207	0.010	212	0.012	200	0.016	188	0.016
Makati City	Guadalupe Viejo	...	0.010	...	0.011	184	0.009	188	0.013
	Palma St., Poblacion	...	0.021	...	0.011	...	...	...	...
	Bel-Air Park, Phase 3	...	0.013	123	0.008	...	...	...	...
Quezon City	PAGASA Compound	100	0.009	168	0.009	149	0.008	167	0.010
	Batasang Pambansa	...	...	...	...	...	...	...	...
	DPWH Compound	...	...	...	...	...	...	...	...
	East Avenue	...	...	...	...	...	...	...	...
	Quezon Avenue	...	...	...	...	...	...	...	...
	Araneta Avenue	...	...	...	...	...	...	...	...
	Ateneo	...	...	...	...	...	...	...	...
Malabon	Acacia Road	227	0.022	...	...	...	...	...	...
Navotas	Sampaguita St.	...	...	136	...	153	...	150	...
Las Piñas	Pamplona	90	0.006	105	...	119	...	107	...
Pasig City	Ugong	136	0.005	220	0.015	181	0.023	187	0.014
Pasay City	FB Harrison	154	0.013	191	0.014	...	...	...	...
Parañaque	Manila Memorial Park	...	...	124	0.005	...	0.013	...	0.010
	Sucat Road/St. Rita	...	...	...	...	125	...	143	...

Based on 24 hours sampling
National Ambient Air Quality Guidelines for 24 hours:
TSP = 230 ug/Ncm
SO_2 = 0.07 ppm
ug - microgram
Ncm - Normal cubic meter
ppm - parts per million
SO_2 - Sulfur Dioxide

Source: Environmental Management Bureau.

Table 4.11 (Continued)

1992		1993		1994		1995		1996		1997		1998	
TSP	SO_2	TSP	SO_2	TSP	SO_2	TSP	SO_2	TSP	SO_2	TSP	SO_2	TSP	SO_2
256	0.006	173	0.010	322	...	296	...	250	...	303.08	...	259.67	...
219	0.013	164	0.021	164	...	174	...	140	...	...	...	...	...
146	0.007	179	0.006	188	...	210	...	...	...	245.75	...	219	...
...	...	...	0.011	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
178	0.006	121	0.007	113	...	133	...	116	...	152.25	...	114.25	...
...	...	...	...	-	...	...	...	...	...	...	...	...	...
...	...	...	...	232	...	234	...	...	...	206.92	...	221.41	...
...	...	...	...	...	...	...	...	218	...	250.5	...	186.73	...
...	...	...	...	...	...	...	...	282	...	237.42	...	245.89	...
...	...	...	...	...	...	...	...	...	...	208.75	...	194.10	...
...	...	...	...	...	...	...	...	...	...	56.17	...	111.33	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
150	...	...	...	...	...	...	...	...	...	...	...	...	...
115	...	72	...	...	...	...	...	121	...	133.67	...	110.67	...
183	0.009	154	0.018	...	...	...	...	191	...	91.25	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	0.007	...	0.008	112	...	...	...	...	...	...	...	...	...
166	...	169	...	...	...	...	...	...	...	...	...	...	...

Table 4.12
AMOUNT OF RAINFALL BY MONTH AND BY SELECTED STATION
1993 to 1998
(In millimeter)

Sampling Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LAOAG CITY, ILOCOS NORTE												
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
1998	60.0	0.0	4.6	26.4	321.0	74.5	154.0	201.0	389.4	260.3	26.5	4.9
DAGUPAN CITY, PANGASINAN												
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
1998	-1.0	0.0	0.0	197.0	234.9	59.1	107.8	188.3	106.3	215.5	105.8	40.0
PORT AREA (MCO), MANILA												
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
1998	6.4	0.0	14.4	2.8	126.7	120.6	167.2	195.7	704.9	356.9	84.1	315.9
LEGASPI CITY, ALBAY												
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
1998	161.6	16.9	113.8	79.3	246.3	62.2	184.5	260.6	278.9	555.5	305.5	895.9

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.

Table 4.12 (continued)

Sampling Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ILOILO CITY, ILOILO												
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
1998	2.3	4.0	4.5	2.0	231.5	179.3	211.6	131.6	295.1	274.3	131.2	240.2
MACTAN INTERNATIONAL AIRPORT												
Normals (1961-1995)	104.0	68.2	56.1	43.4	72.0	182.1	191.7	146.5	176.9	183.5	148.9	130.9
1993	133.7	99.1	99.3	4.2	-1.0	124.1	176.5	196.6	99.5	203.1	197.0	328.8
1994	204.8	43.3	98.7	251.7	134.4	315.8	284.2	156.0	172.9	173.3	56.0	113.3
1995	53.8	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
1998	71.9	12.7	3.4	1.0	12.6	100.1	134.1	44.3	205.7	220.6	166.0	145.1
ZAMBOANGA CITY, ZAMBOANGA												
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
1998	2.8	35.6	1.0	13.4	52.1	146.9	128.3	77.5	96.9	311.6	318.4	104.8
DAVAO CITY, DAVAO DEL SUR												
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
1998	43.4	24.7	7.1	30.6	160.4	149.3	144.5	94.1	229.8	206.2	169.3	86.8

5 AGRICULTURE

Agriculture continues 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 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, is the primary source of various statistics presented in this chapter. Information provided by BAS includes 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 are generated by BAS. Surveys being conducted by BAS to generate fish production are the Survey on Commercial/Municipal Fisheries and the Aquaculture Production Survey. Meanwhile, the National Food Authority (NFA) is the source of data on the importation and exportation of rice.

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

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. On the other hand, 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: 1989 to 1998*

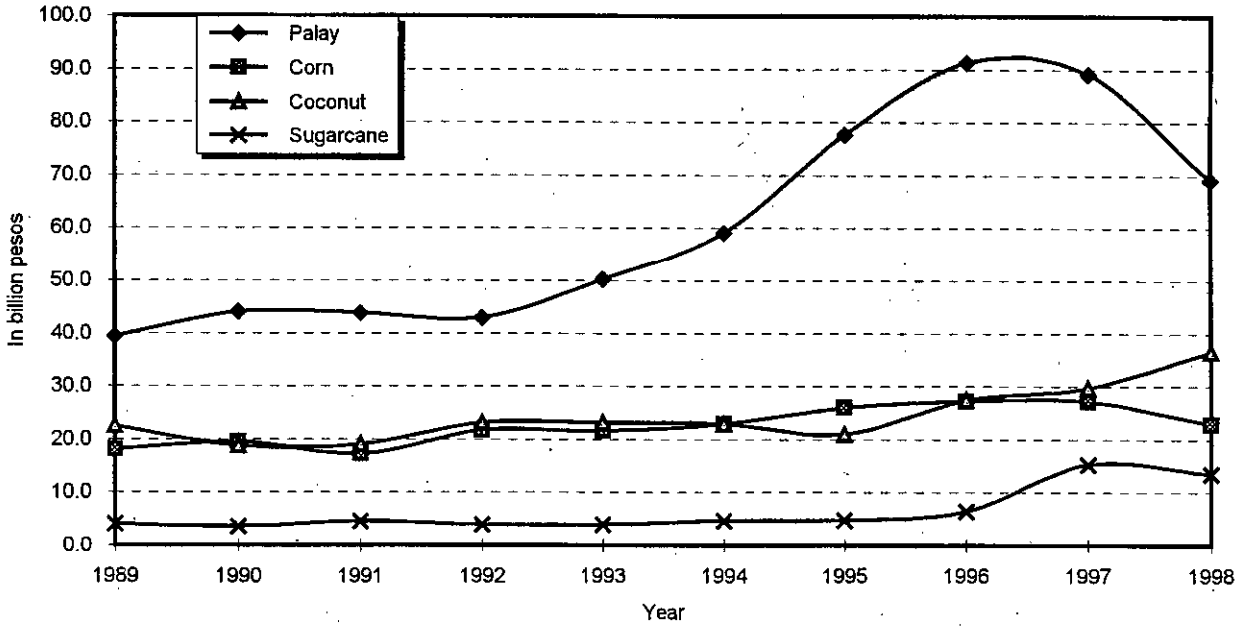

Figure 5.2 *PRODUCTION OF SELECTED AGRICULTURAL CROPS: 1989 to 1998*

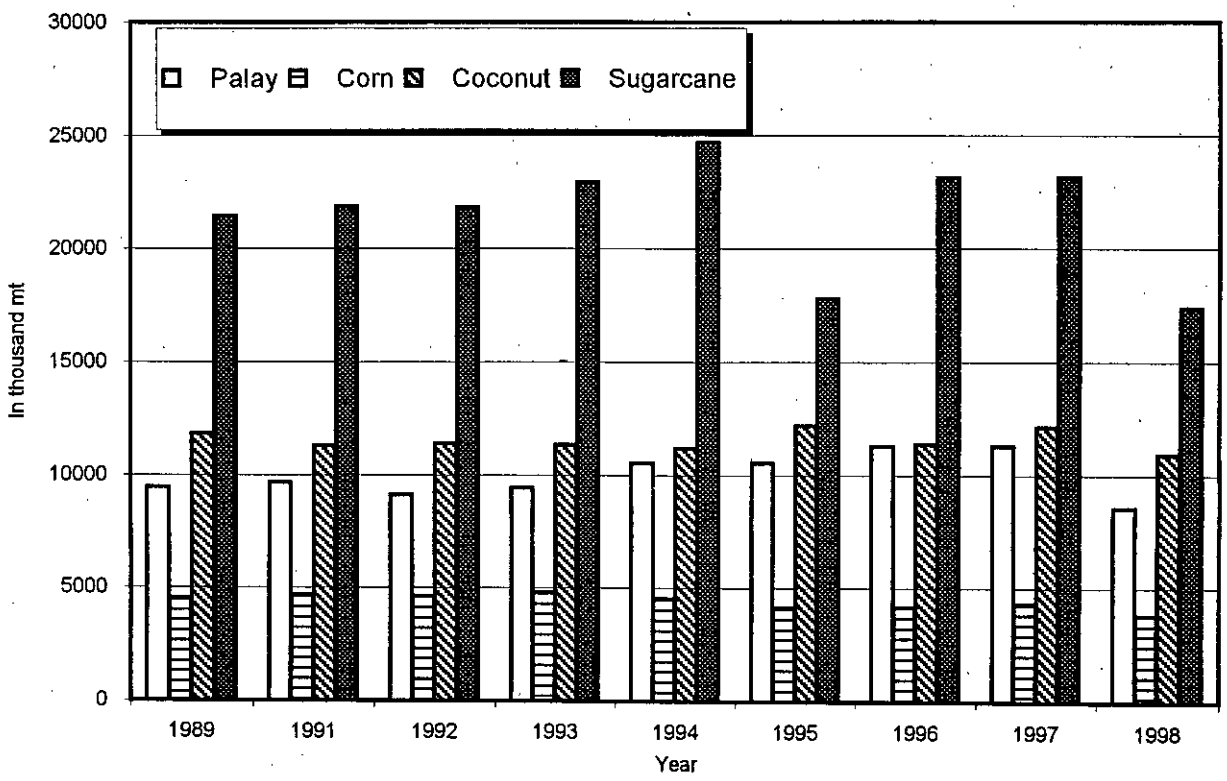

Table 5.1
AGRICULTURAL AREA, QUANTITY, AND VALUE OF PRODUCTION, BY KIND OF CROP
1989 to 1998
(Area in '000 hectares; quantity in '000 metric tons; value in million pesos)

Item	1989			1990			1991		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
Agricultural Crops	13,147.1	64,207.1	135,622.9	13,096.3	61,566.5	146,085.0	12,983.7	64,109.3	154,272.2
A. CEREALS	7,186.5	13,981.0	57,463.2	7,138.3	14,173.3	63,500.3	7,014.5	14,328.3	60,993.3
Palay	3,497.3	9,458.8	39,359.6	3,318.7	9,319.4	43,987.6	3,425.0	9,673.3	43,723.1
Corn	3,689.2	4,522.2	18,103.6	3,819.6	4,853.9	19,512.7	3,589.5	4,655.0	17,270.2
B. MAJOR CROPS	4,727.0	41,714.2	59,155.5	4,699.3	38,773.0	58,073.7	4,722.4	41,257.7	64,524.4
Coconut	3,110.4	11,810.4	22,439.8	3,112.0	11,940.4	18,746.4	3,093.3	11,290.9	18,968.7
Sugarcane [1]	261.7	21,424.8	4,070.7	235.3	18,666.9	3,546.7	271.5	21,824.5	4,583.1
Banana	295.5	3,190.3	5,008.8	300.2	2,913.3	7,400.0	311.3	2,951.1	9,976.9
Pineapple	61.0	1,178.8	5,328.2	59.7	1,155.8	4,773.5	57.7	1,117.1	4,692.2
Coffee [2]	150.5	164.4	4,164.3	149.7	142.8	3,177.3	150.0	141.6	3,351.7
Mango [2]	51.4	395.2	4,054.8	53.2	389.5	4,989.5	55.1	391.5	5,618.0
Tobacco	63.3	79.9	2,044.6	63.2	81.7	2,131.6	67.9	85.2	2,626.7
Abaca [2]	105.1	66.0	673.2	102.6	59.4	658.2	104.4	64.0	921.6
Rubber	86.1	171.9	825.1	86.3	185.4	1,062.3	88.0	180.7	1,201.7
Cacao	18.2	9.4	181.0	18.4	9.9	263.5	17.3	9.6	265.8
Cassava [2]	213.1	1,846.9	2,696.5	213.8	1,854.0	3,467.0	211.0	1,815.7	3,921.9
Camote [2]	138.3	660.3	1,439.5	136.7	668.9	1,792.7	136.5	662.3	2,125.9
Peanut	50.4	37.6	376.4	44.5	34.8	388.7	39.1	31.4	413.5
Mongo	35.7	25.1	376.8	36.7	26.7	452.5	34.3	25.1	399.3
Onion	6.5	65.3	592.3	6.4	61.5	497.5	6.4	60.3	604.8
Garlic	6.1	17.2	1,159.5	6.4	17.9	764.9	4.5	12.4	494.5
Tomato	19.7	178.7	750.5	20.0	184.0	833.5	19.5	177.2	928.5
Eggplant	15.4	111.6	698.6	16.4	112.7	688.6	14.5	104.0	638.6
Cabbage [2]	9.2	130.8	864.6	8.6	117.2	923.5	11.0	170.9	1,256.1
Citrus	29.4	149.6	1,410.3	29.2	150.2	1,515.8	29.1	142.2	1,534.9
C. OTHER CROPS	1,233.6	8,511.9	19,004.2	1,258.7	8,620.2	24,511.0	1,246.8	8,523.3	28,754.5
Other fibercrops	37.0	64.6	696.4	33.4	58.4	1,153.4	31.5	77.6	1,098.9
Other rootcrops [2]	108.0	121.3	346.0	109.6	132.3	430.2	107.6	128.7	519.0
Tubers	125.7	214.0	261.1	135.7	201.4	330.0	134.9	198.4	384.9
Spices	35.9	26.3	967.5	38.6	27.0	1,202.7	36.1	26.5	1,454.9
Fruit bearing Vegetables	313.2	2,887.6	6,346.9	328.0	2,910.2	6,788.2	314.5	2,812.7	8,801.3
Leafy/Stem Vegetables	164.4	1,042.3	1,698.9	169.0	1,031.3	2,121.0	168.7	1,029.5	2,363.3
Other Legumes	30.2	34.0	160.1	30.5	34.3	199.9	31.1	35.0	240.2
Other fruits [2]	329.4	3,605.7	6,590.4	324.7	3,704.3	9,876.6	333.0	3,691.7	10,992.5
Others	89.8	516.1	1,936.9	89.2	521.0	2,409.0	89.4	523.2	2,899.5

Table 5.1 (continued)

1992			1993			1994			1995		
Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
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	12,574.8	62,164.7	222,042.3
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	6,451.0	14,669.1	103,694.4
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	3,758.7	10,540.6	77,684.7
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	2,692.3	4,128.5	26,009.7
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	4,790.4	39,274.0	82,860.4
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	3,064.5	12,183.1	20,954.9
267.0	21,801.9	3,924.3	384.0	22,915.1	3,895.6	401.6	24,695.2	4,692.1	302.0	17,774.4	4,799.1
321.4	3,059.2	10,523.7	325.8	3,144.0	10,311.8	326.5	3,192.6	11,748.7	322.0	3,489.5	12,422.4
60.6	1,135.2	4,801.9	66.8	1,287.4	5,394.2	68.4	1,331.5	5,805.4	68.6	1,442.8	5,078.7
148.3	142.1	2,913.1	146.5	134.2	2,843.7	146.4	132.6	5,561.2	144.4	134.0	7,349.9
57.2	435.3	5,876.6	60.5	440.1	6,715.9	65.0	541.7	9,409.3	80.4	595.1	9,903.1
95.0	117.9	3,304.7	90.9	104.8	2,485.6	51.7	56.9	1,340.0	56.3	63.7	1,566.6
102.2	62.7	1,465.3	102.2	59.5	1,575.6	102.2	66.4	1,723.2	103.1	64.8	1,248.6
84.2	172.5	1,145.4	85.4	174.3	1,118.8	86.0	178.5	1,479.6	86.7	181.2	4,345.2
16.8	7.5	274.2	16.8	7.7	281.5	16.1	7.9	300.0	16.2	7.9	350.0
204.3	1,784.9	3,195.0	211.4	1,844.2	3,743.7	213.1	1,891.8	3,916.0	225.9	1,906.8	4,938.7
140.8	677.2	2,465.0	147.1	693.5	2,260.8	147.4	698.9	2,467.2	145.9	698.9	2,676.8
44.6	34.0	412.8	44.9	34.0	432.9	47.1	36.6	490.5	47.6	36.2	504.6
32.7	23.2	392.8	33.1	23.4	396.9	34.0	24.2	461.9	34.9	26.7	452.5
5.8	56.7	530.2	6.5	61.5	536.6	7.6	73.6	1,083.1	8.7	88.4	1,001.9
4.2	11.8	875.6	4.3	12.3	764.7	5.8	15.7	875.2	6.3	17.2	948.7
18.2	165.4	793.9	15.6	138.5	786.6	17.5	150.6	1,090.6	17.9	155.8	713.7
15.5	110.4	663.5	17.4	111.7	789.3	17.8	123.5	897.6	17.6	130.7	982.9
10.1	150.8	1,156.6	10.4	155.1	984.8	10.7	151.3	834.4	8.5	130.0	967.1
29.1	141.7	1,399.3	29.1	142.4	1,561.0	29.2	145.1	1,780.9	32.9	146.8	1,655.0
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	1,333.4	8,221.6	35,487.5
72.9	92.9	1,067.3	55.1	65.6	625.3	41.9	65.1	617.6	46.4	68.3	721.3
109.2	128.5	533.6	108.7	132.0	600.0	109.0	132.3	680.0	124.0	133.0	730.0
132.8	206.4	402.2	132.1	212.1	570.3	133.0	213.0	600.0	143.0	215.0	650.0
36.9	26.8	1,494.3	36.8	27.6	1,390.8	37.0	28.0	1,686.5	42.1	30.0	1,700.0
313.9	2,895.4	9,041.5	312.3	2,973.5	8,355.2	315.0	3,005.3	9,102.0	331.5	2,812.2	10,580.0
170.6	1,041.9	2,619.5	171.6	1,086.1	3,119.0	171.8	1,072.6	3,000.3	179.8	1,104.4	3,733.3
31.2	34.7	246.5	31.0	35.7	240.1	36.0	35.9	350.0	41.8	37.0	366.0
335.2	3,664.9	10,795.5	330.6	3,681.0	12,229.5	331.6	3,680.8	11,805.1	338.4	3,307.0	12,717.1
53.5	502.8	2,598.6	65.2	508.8	2,590.8	77.5	513.7	3,070.1	86.4	514.7	4,289.8

Table 5.1 (continued)
AGRICULTURAL AREA, QUANTITY, AND VALUE OF PRODUCTION, BY KIND OF CROP
1989 to 1998
(Area in '000 hectares; quantity in '000 metric tons; value in million pesos)

Item	1996 r			1997 r			1998 p		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
Agricultural Crops	13,015.6	69,128.5	259,832.4	13,024.7	68,301.4	276,826.1	11,664.6	57,931.5	264,092.2
A. CEREALS	6,686.8	15,434.9	118,392.3	6,568.1	15,601.4	116,301.8	5,524.2	12,378.0	91,947.4
Palay	3,951.1	11,283.6	91,284.1	3,842.3	11,269.0	89,137.5	3,170.0	8,554.8	69,123.0
Corn	2,735.7	4,151.3	27,108.2	2,725.8	4,332.4	27,164.3	2,354.2	3,823.2	22,824.4
B. MAJOR CROPS	4,956.1	43,755.4	94,965.5	5,110.4	44,631.2	117,429.0	4,822.6	37,789.3	124,964.4
Coconut	3,149.0	11,368.1	27,397.2	3,314.4	12,118.5	29,690.3	3,115.8	10,905.3	36,532.8
Sugarcane [1]	395.6	23,142.2	6,479.8	375.2	22,273.1	15,368.4	330.5	17,347.9	13,531.4
Banana	326.9	3,304.1	13,811.0	338.3	3,773.8	16,642.5	337.1	3,560.8	15,881.2
Pineapple	45.0	1,542.2	7,418.2	40.4	1,638.0	11,285.8	40.2	1,495.1	10,361.2
Coffee [2]	151.2	119.0	5,009.5	150.1	130.0	5,185.7	148.4	121.3	6,748.1
Mango [2]	87.7	624.8	11,196.8	92.9	987.1	15,092.8	93.9	931.5	16,496.9
Tobacco	54.2	64.9	1,668.2	51.1	65.3	3,379.4	47.6	71.1	3,339.8
Abaca [2]	116.8	70.4	1,260.7	112.5	67.1	1,208.0	106.3	71.3	1,310.7
Rubber	90.0	191.9	2,072.1	92.9	221.3	1,870.0	93.2	227.6	1,818.5
Cacao	15.9	7.9	213.6	15.1	7.8	205.1	15.0	7.4	250.3
Cassava [2]	228.3	1,911.8	6,767.9	230.5	1,958.0	6,402.7	216.5	1,786.7	6,735.9
Camote [2]	141.0	684.9	2,972.6	141.7	631.4	2,980.4	128.0	568.1	2,982.5
Peanut	28.7	33.5	439.7	26.6	25.8	402.6	24.7	25.0	394.5
Mongo	35.5	26.8	645.6	36.4	27.5	644.2	34.6	27.7	651.1
Onion	9.8	83.3	1,443.1	11.9	85.4	1,145.0	12.8	87.7	1,951.5
Garlic	6.3	18.6	1,547.8	7.9	20.2	944.6	7.7	19.3	996.6
Tomato	16.9	162.6	762.8	17.1	166.4	1,038.0	14.9	138.3	1,196.6
Eggplant	18.1	157.6	1,414.0	19.0	195.0	1,809.9	18.1	180.1	1,311.4
Cabbage [2]	8.0	98.1	702.2	7.9	95.9	759.3	7.3	85.5	1,098.2
Citrus	31.2	142.7	1,742.7	28.5	143.6	1,374.3	30.0	131.6	1,375.2
C. OTHER CROPS	1,372.7	9,938.2	46,474.6	1,346.2	8,068.8	43,095.3	1,317.8	7,764.2	47,180.4
Other fibercrops	35.8	64.6	695.0	32.6	51.7	574.5	29.2	43.2	472.9
Other rootcrops [2]	126.5	151.0	1,010.2	123.1	137.3	897.7	119.2	132.5	993.4
Tubers	145.6	216.7	743.3	141.8	188.2	660.5	139.7	181.6	730.9
Spices	43.6	32.4	2,247.6	47.3	28.1	1,997.5	45.5	27.1	2,210.4
Fruit bearing Vegetables	336.3	3,134.1	12,943.8	332.9	2,748.3	11,503.1	327.0	2,648.9	12,729.1
Leafy/Stem Vegetables	181.4	1,308.5	5,103.2	177.7	1,143.8	4,535.2	172.4	1,103.6	5,018.6
Other Legumes	40.5	35.2	396.4	39.4	30.5	352.1	38.5	29.5	389.6
Other fruits [2]	371.0	4,377.2	17,598.5	362.8	3,233.2	17,214.4	360.8	3,108.0	18,703.9
Others	92.0	618.5	5,736.6	88.6	507.7	5,360.3	85.5	489.8	5,931.6

Note: Details do not add up to total due to rounding.
[1] - Revised data based on validated farm price of cane.
[2] - Revised data based on an objective survey and data review and validation under the Key Commercial Crop Development Program.
Source : Bureau of Agricultural Statistics.

Table 5.2
QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF FISHING OPERATION
1950 to 1998
(Quantity in thousand metric tons; value in million pesos)

Year	Total		Commercial Fishing [1]		Municipal Fishing [2]		Aquaculture [3]	
	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	1,278.5	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	6,198.0	508.2	2,697.8	726.0	2,308.0	159.3	1,192.2
1977	1,509.5	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	1,672.3	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	2,268.0	42,118.2	600.0	10,272.0	1,068.5	16,633.1	599.5	15,213.0
1989	2,370.9	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 r	2,632.0	70,215.8	824.4	18,021.2	1,014.0	22,031.4	793.6	30,163.2
1994 r	2,721.0	80,192.1	859.3	20,714.5	992.6	24,474.9	869.1	35,002.7
1995 r	2,785.0	83,084.1	893.2	23,065.4	972.0	26,463.8	919.8	33,554.9
1996 r	2,769.1	83,134.7	879.1	24,555.3	909.2	25,373.2	980.8	33,206.2
1997	2,766.6	80,710.9	884.7	25,935.3	924.5	27,392.9	957.4	27,382.7
1998 p	2,791.1	84,595.8	940.5	29,737.1	891.1	28,966.5	959.5	25,892.2

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

[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
1990 to 1998
(Quantity in thousand metric tons; value in million pesos)

Type	1990		1991		1992		1993 r	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total	670.9	20,466.5	692.4	22,656.1	736.4	25,986.5	793.2	30,163.3
Brackishwater Fishpond	267.8	16,762.4	291.3	18,449.2	234.9	19,296.4	234.7	23,408.8
Freshwater Fishpond	35.8	1,332.9	38.0	1,360.1	48.7	2,229.5	48.6	2,425.1
Fish Pen	24.2	684.6	25.9	815.4	33.4	1,324.2	29.4	1,335.0
Fish Cage	20.9	570.2	23.9	675.7	34.3	1,160.5	35.6	1,369.0
Oyster	13.5	126.2	12.2	108.8	15.1	170.8	18.3	183.8
Mussel	17.5	194.1	17.3	207.1	20.5	278.2	25.1	243.5
Seaweed	291.2	796.1	283.8	1,039.8	349.5	1,526.9	401.5	1,198.1

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
1990 to 1998
(Quantity in thousand metric tons; value in million pesos)

Type	1990		1991		1992		1993	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Total Livestock Production (Liveweight)	1,380.6	38,844.9	1,396.8	45,529.1	1,405.6	52,236.7	1,471.5	52,021.3
Carabao	106.5	2,243.5	101.2	2,262.8	106.6	3,079.9	108.3	3,229.6
Cattle	169.0	4,671.2	162.1	5,138.9	166.9	6,234.8	181.7	7,559.1
Hog	1,031.1	30,479.9	1,056.9	36,241.8	1,057.0	40,915.7	1,101.5	38,960.8
Goat	54.8	1,343.2	57.7	1,770.5	59.7	1,908.3	65.6	2,178.9
Dairy [1]	19.2	107.1	18.9	115.0	15.4	98.1	14.4	92.8
Total Poultry Production (Liveweight)	595.5	21,359.9	614.7	28,063.2	691.1	36,430.5	720.4	36,464.0
Chicken	559.7	19,957.1	577.9	26,524.7	652.0	34,457.7	678.8	34,433.5
Duck	35.8	1,402.8	36.8	1,538.5	39.1	1,972.9	41.7	2,030.5
Total Egg Production	196.2	7,200.6	204.2	8,050.9	217.3	9,131.5	241.3	9,862.8
Chicken	165.7	6,142.5	170.8	6,776.0	180.5	7,852.6	202.1	8,457.8
Duck	30.5	1,058.1	33.4	1,274.9	36.8	1,278.9	39.2	1,404.9

[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)

1994[r]		1995[r]		1996[r]		1997		1998[p]	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
868.8	35,002.6	918.7	33,555.0	980.7	33,206.5	958.0	27,383.0	959.0	25,892.0
244.4	28,733.0	237.0	27,900.2	225.3	27,167.5	199.0	20,943.0	189.0	19,511.0
46.9	1,839.0	42.9	1,700.4	43.7	2,022.0	43.0	2,065.0	35.0	1,824.0
40.0	1,548.0	20.4	949.0	16.2	798.0	20.0	908.0	23.0	1,009.0
33.0	1,423.0	33.5	1,550.0	31.3	1,493.0	43.0	1,954.0	31.0	1,624.0
11.7	107.4	11.9	81.6	11.8	51.6	14.0	72.0	13.0	125.0
11.3	119.4	14.7	46.4	21.0	51.7	12.0	44.0	15.0	66.0
481.5	1,232.8	558.3	1,327.4	631.4	1,622.7	627.0	1,397.0	653.0	1,733.0

Table 5.4 (continued)

1994		1995[r]		1996[r]		1997[r]		1998[p]	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,539.4	63,485.9	1,613.0	67,179.1	1,709.7	77,650.4	1,796.5	84,345.1	1,861.6	85,778.4
108.7	3,742.2	104.0	3,195.7	99.2	3,222.3	106.1	3,620.4	113.1	3,593.9
195.6	8,923.0	213.1	8,427.3	232.3	10,127.7	251.5	11,484.6	260.8	10,927.9
1,152.7	48,470.2	1,213.1	52,964.0	1,296.5	61,530.5	1,357.8	66,273.2	1,406.6	68,205.6
68.6	2,257.0	70.7	2,495.4	70.2	2,652.8	70.9	2,849.3	72.0	2,935.6
13.9	93.5	12.1	96.8	11.5	117.1	10.2	117.5	9.2	115.5
753.5	41,280.1	795.2	38,245.6	902.8	42,726.3	980.5	49,175.4	970.7	52,295.0
709.5	39,126.7	747.9	35,844.5	851.8	40,094.7	929.7	46,577.0	919.5	49,723.9
44.0	2,153.4	47.4	2,401.2	51.0	2,631.6	50.8	2,598.4	51.3	2,571.2
237.6	9,919.0	247.6	10,018.0	260.1	10,946.1	275.8	12,352.3	290.1	13,916.7
196.0	8,425.8	199.9	8,194.3	205.6	8,789.0	222.9	10,238.7	227.0	11,515.5
41.6	1,493.2	47.7	1,823.7	54.5	2,157.2	53.0	2,113.6	63.1	2,401.2

Table 5.5
TOTAL INVENTORY OF LIVESTOCK AND POULTRY BY KIND
1981 to 1998
(In thousand heads)

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 [a]	6,501
1990	2,765	1,630	2,204	7,990	82,302 [a]	7,356
1991	2,647	1,677	2,141	8,079	78,240 [a]	8,268
1992	2,577	1,731	2,306	8,022	81,525 [a]	8,340
1993	2,576	1,915	2,562	7,954	87,158 [a]	8,707
1994	2,560	1,936	2,633	8,227	93,201 [a]	8,187
1995	2,708	2,021	2,828	8,941	96,216 [a]	9,072
1996	2,841	2,128	2,982	9,026	115,782 [a]	9,470
1997 [r]	2,988	2,266	3,025	9,752	134,963 [a]	8,923
1998 [p]	3,025	2,377	3,085	10,210	138,521	8,824

Note: Data are 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
1984 to 1998

Year	Livestock (in thousand heads)				Poultry (in million birds)	
	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	753.44	2,516.17	16,090.72	444.86	10.66
1998 [p]	301.14	779.40	1,843.65	16,657.38	439.97	10.75

Note: Data include all animals slaughtered in abattoirs/dressing plants and in backyard and commercial livestock and poultry fams.

Source: Bureau of Agricultural Statistics.

Table 5.7
PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS
1986 to 1998

Year	Plant Nutrients ('000 nutrient tons)				Fertilizer Products ('000 metric tons)						
	Total	Nit-rogen	Phos-phorous	Potas-sium	Total	Urea	Ammosul	NP & P	NPK	Potash	Others
Production											
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	368.5	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	934.3	-	-	475.8	453.5	5.0	...
1991	432.0	152.6	190.1	89.3	1,007.8	-	-	363.0	636.2	7.6	1.0
1992	394.9	142.4	183.2	69.3	930.0	-	-	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	1,607.3	-	185.6	489.5	917.5	9.0	5.7
1997	522.7	213.0	217.1	92.6	1,321.9	-	172.7	357.3	777.0	8.6	6.3
1998 P	464.4	184.6	192.7	87.1	1,180.6	-	113.2	320.4	731.6	14.5	0.9
Importation											
1986	357.6	305.5	10.3	41.8	875.9	553.8	191.4	29.0	32.7	63.0	6.0
1987	407.7	345.0	0.0	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	557.4	368.1	66.0	123.3	1,190.6	660.1	166.3	143.4	-	205.5	15.3
1997	545.5	369.6	39.1	136.8	1,235.6	640.5	240.9	87.5	6.2	226.3	34.2
1998 P	331.7	293.9	15.3	22.5	785.6	550.7	162.8	33.2	-	35.9	3.0
Consumption											
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	665.1	426.0	145.7	93.4	1,635.1	568.7	224.5	333.5	447.5	50.0	10.9
1997	809.2	548.5	148.3	112.4	2,032.4	742.3	413.3	324.7	453.9	80.7	17.5
1998 P	622.4	400.9	121.1	100.4	1,518.2	561.5	208.0	285.1	373.0	77.2	13.4

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 : 1997

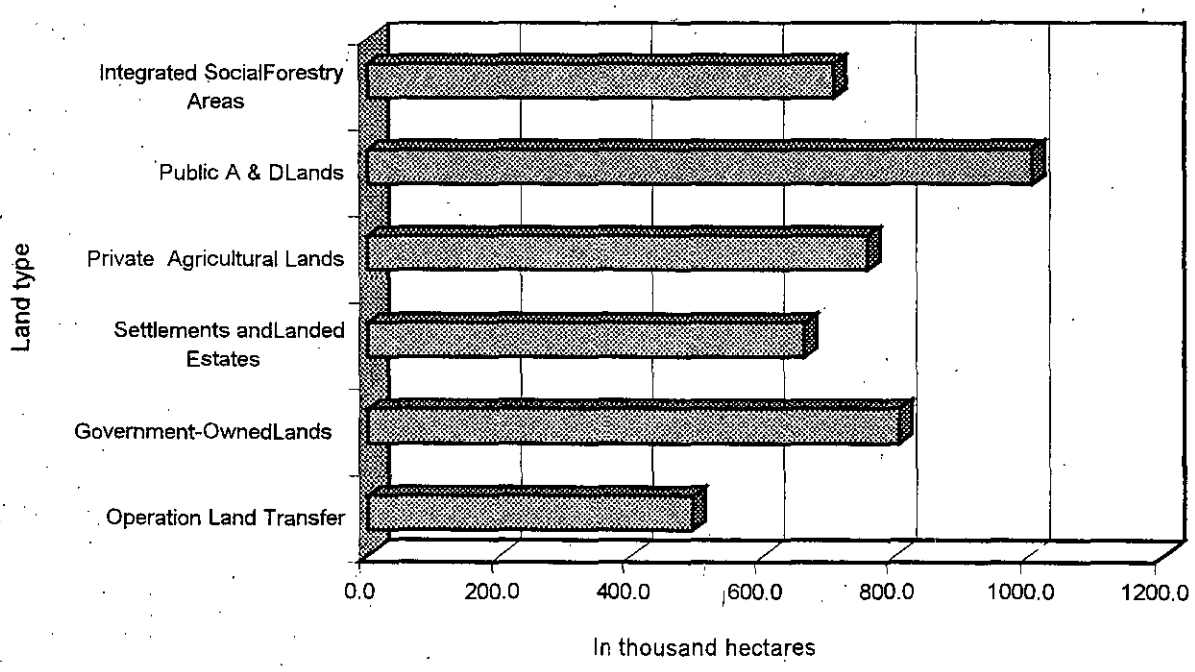

Figure 5.4 PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS, 1998

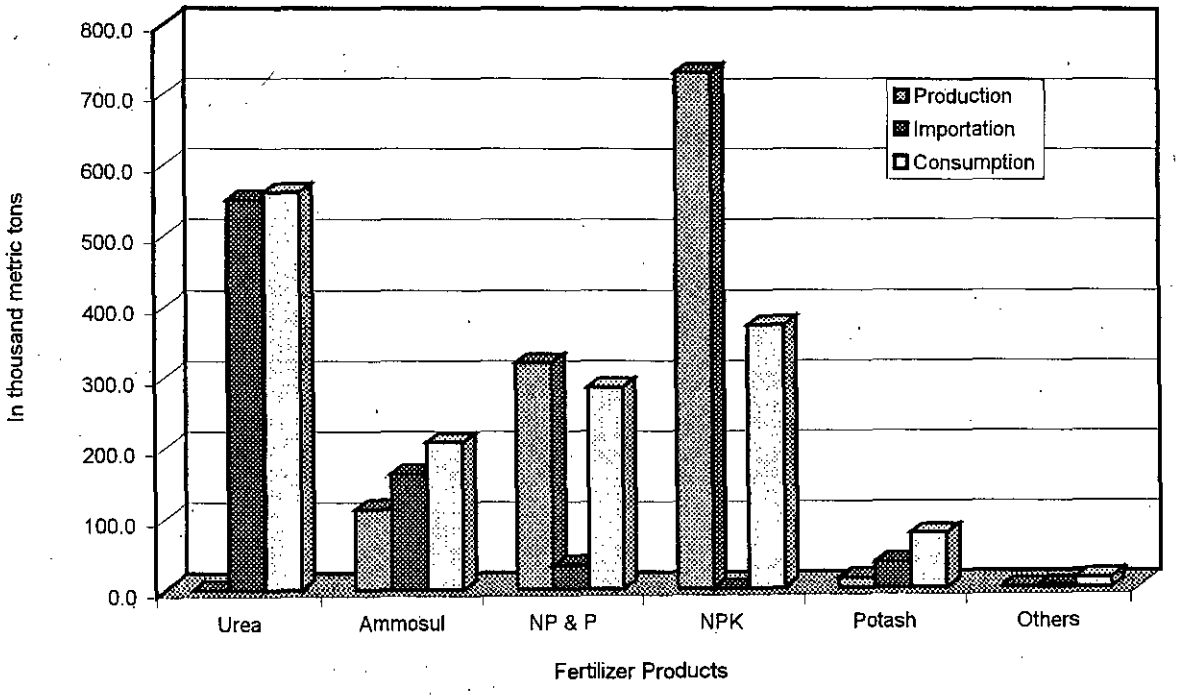

Table 5.8
PHILIPPINE RICE IMPORTS AND EXPORTS BY COUNTRY OF ORIGIN AND COUNTRY OF DESTINATION
1985 to 1998

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 [a]	2,318.00	NCV			
	Australia [a]	3,661.00	NCV			
1987	NO IMPORTATION			Indonesia [b]	111,000.00	24.42
1988		181,167.16	50.10	NO EXPORTATION		
	U.S.A. (PL 480)	95,094.44	29.10			
	U.S.A. (PL 480)	55,155.65	21.00			
	China [a]	9,969.54	NCV			
	Spain [a]	835.00	NCV			
	Australia [a]	20,112.53	NCV			
1989		219,928.70	57.86	NO EXPORTATION		
	Vietnam	54,300.36	...			
	Thailand	51,050.00	57.86			
	Indonesia	104,578.34	...			
	Taiwan [a]	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 [a]	27,699.45	NCV			
1991	NO IMPORTATION			Indonesia [b]	10,000.00	2.34
1992	NO IMPORTATION			Indonesia [b]	29,672.33	6.91
1993	Thailand	209,994.20	38.24	NO EXPORTATION		
1994	NO IMPORTATION			NO EXPORTATION		
1995		257,263.17	76.18			
	Australia [a]	4,310.00	NCV	NO EXPORTATION		
	Thailand	169,043.47	50.91			
	Vietnam	60,680.00	18.60			
	India	23,229.70	6.67			
1996		892,944.58	278.96			
	Thailand	157,100.00	123.72	NO EXPORTATION		
	Vietnam	364,179.60	53.25			
	India	159,573.35	23.24			
	Pakistan	68,650.00	41.20			
	Myanmar	121,920.63	26.11			
	U.S.A. (PL 480)	21,521.00	11.44			
1997		730,710.60	235.10			
	Thailand	212,484.60	63.75	NO EXPORTATION		
	Vietnam	335,445.35	101.21			
	China	170,046.20	66.37			
	U.S.A. (PL 480)	12,734.45	3.77			
1998		2,127,171.61	637.84	NO EXPORTATION		
	Vietnam	578,752.00	175.54			
	Thailand	211,007.76	82.64			
	China	1,317,411.85	379.66			
	India	20,000.00	0.00			

[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 BY REGION
1987 to 1997
(Area in hectares)

Region	Operation Land Transfer [1]		Government-Owned Lands [2]		Settlements and Landed Estates [3]	
	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] - Excludes 15,061 hectares distributed prior to RA 6657.
[2] - Includes EOs 407 and 448, GFI lands, PCGG-sequestered/surrendered lands, KKK and other government lands.
[3] - Excludes 44,076 hectares of settlement areas and 11,041 hectares of landed estates distributed prior to RA 6657.
[4] - Excludes 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 [4]		Total (1987-1997) [5]	
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
1988 to 1997
(Area in hectares)

Region	Total		Phase 1		Phase 2		Phase 3	
	Area	Beneficiaries	Area	Beneficiaries	Area	Beneficiaries	Area	Beneficiaries
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

Notes: Covers CARP scope approved by Presidential Agrarian Reform Council (PARC) Beneficiaries are subject for validation.
Figures are projections as of June 1997.
Excludes ARMM accomplishment.

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

Phase 2 - Covers private lands above 50 hectares, resettlements, Integrated Social Forestry (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 February 1999

Region	Total	Credit	Consumers	Producers	Marketing	Service	Multi-purpose: Agricultural	Multi-purpose: Non agricultural	Laboratory Cooperatives	Area Marketin Cooperatives	Cooperative Bank	Federation	Union
Philippines	46,410	2,236	757	692	503	930	27,452	13,354	18	-	23	426	19
NCR Metro Manila	3,012	595	183	47	13	186	70	1,884	-	-	1	30	3
CAR Cordillera Administrative	1,529	76	23	10	3	15	949	437	1	-	2	11	2
1 Ilocos Region	3,222	68	19	3	16	19	2,333	690	-	-	2	71	1
2 Cagayan Valley	2,293	117	9	19	7	33	1,616	451	-	-	-	40	1
3 Central Luzon	4,950	247	37	76	40	129	2,765	1,575	1	-	2	76	2
4 Southern Tagalog	5,309	241	62	60	34	120	3,028	1,725	2	-	4	30	3
5 Bicol Region	2,611	125	22	48	8	71	1,609	703	5	-	3	16	1
6 Western Visayas	3,418	158	31	42	29	37	2,495	595	6	-	-	25	-
7 Central Visayas	1,712	67	18	22	8	51	772	762	-	-	2	10	-
8 Eastern Visayas	2,428	106	80	116	58	49	1,579	427	-	-	1	12	-
9 Western Mindanao	2,321	33	21	39	36	26	1,337	806	-	-	2	19	2
10 Northern Mindanao	1,762	77	24	35	29	38	1,063	480	-	-	-	15	1
11 Southern Mindanao	4,629	187	172	111	114	84	2,160	1,777	-	-	1	23	-
12 Central Mindanao	4,513	81	23	30	81	47	3,621	596	-	-	1	31	2
13 Caraga	1,519	58	33	33	26	24	966	360	3	-	2	13	1
ARMM Autonomous Region of Muslim Mindanao	1,182	-	-	1	1	1	1,089	86	-	-	-	4	-

Note: Registered Cooperatives are those cooperatives registered with the CDA under RA 6938.
Source: Cooperative Development Authority.

Table 5.12
NUMBER OF CONFIRMED COOPERATIVES, BY REGION AND BY TYPE
As of February 1999

Region	Total	Credit	Consumers	Producers	Marketing	Service	Multi-purpose: Agricultural	Multi-purpose: Non agricultural	Laboratory Cooperatives	Area Marketin Cooperatives	Cooperative Bank	Federation	Union
Philippines	4,513	1,050	277	111	149	179	2,199	413	0	12	29	48	46
NCR Metro Manila	450	261	49	0	2	55	5	64	0	0	0	12	2
CAR Cordillera Administrative	152	44	23	3	4	4	57	14	0	0	0	1	2
1 Ilocos Region	361	65	19	5	7	4	236	15	0	0	2	4	4
2 Cagayan Valley	352	75	11	7	4	3	230	18	0	0	3	1	0
3 Central Luzon	694	100	9	18	16	15	504	24	0	1	4	2	1
4 Southern Tagalog	394	126	23	16	36	24	136	21	0	0	2	3	7
5 Bicol Region	418	57	12	17	14	17	255	40	0	0	1	3	2
6 Western Visayas	337	59	20	5	11	8	192	25	0	3	4	7	3
7 Central Visayas	285	63	39	11	4	5	92	62	0	1	1	2	5
8 Eastern Visayas	206	47	13	6	7	9	103	15	0	0	1	3	2
9 Western Mindanao	143	21	9	1	8	1	68	30	0	1	0	1	3
10 Northern Mindanao	139	34	13	2	5	11	52	11	0	1	4	2	4
11 Southern Mindanao	332	49	9	9	5	8	179	56	0	2	4	5	6
12 Central Mindanao	161	31	20	9	25	11	47	9	0	1	2	2	4
13 Caraga	89	18	8	2	1	4	43	9	0	2	1	0	1
ARMM Autonomous Region of Muslim Mindanao	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Confirmed cooperatives are those cooperatives registered under previous laws such as PD 175, PD 1775 and EO 898 were required to register with the CDA.

Source: Cooperative Development Authority.

6 INDUSTRY 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) Census of Establishments (CE), Annual Survey of Establishments (ASE) and the Monthly Integrated Survey of Selected Industries (MISSI).

The Census of Establishments (CE) on Manufacturing is a nationwide collection and compilation of statistical information pertaining to the business operations of establishments during the reference period.

On the other hand, Annual Survey of Establishments (ASE) on Manufacturing is a nationwide sample survey that gathers major types of data on manufacturing industries between censal years.

The Monthly Integrated Survey of Selected Industries (MISSI) is the result of the integration of the Survey of Key Manufacturing Establishments (SKEM) conducted by the National Statistics Office and the Department of Trade and Industry-MIS Industry Survey monthly. It is conducted 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 provided by the National Statistics Office (NSO), Securities and Exchange Commission (SEC) and Board of Investments (BOI). The data published cover the following: (1) number, floor area and value of private building construction by type of building and by region; (2) number and initial paid-up capital investments of newly registered business organization by nationality and industry; (3) capital increases and withdrawals of corporations and partnership; (4) amount of investments by industry (local and foreign) and by country. 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 (P1,000)	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	368,350,156	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	734,877,372	269,100,537
1993	11,005	908,686	900,645	60,346,505	752,725,682	500,610,050	49,781,015	793,281,989	299,147,649
1994	10,726	895,252	886,806	66,741,988	811,681,367	537,189,120	66,441,752	852,564,003	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 (P1,000)	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	7,221,923	385,147	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 [a]	13,639,293	2,375,556	28,401,945	14,921,601
1995	86,484	313,019	172,881	4,621,826	30,519,311 [a]	21,050,186 [b]	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	74,447,539	49,175,185	9,361,904	6,739,919
51,633,226	51,451,551	19,876,112	33,132,104	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	12,393,688	15,790,202	2,606,447	2,023,789
35,172,335	32,673,951	17,403,660	18,632,161	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	1,060,153	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	9,723,684	13,913,038	1,304,041	953,751
69,368,744	62,260,495	32,324,325	36,416,819	14,526,092	4,254,758	3,953,182
121,960,089	120,170,165	82,296,675	40,819,034	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	5,149,093	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	3,847,892	5,151,771	1,159,811	1,027,917
18,960,770	18,960,623	9,950,217	9,501,506	21,038,976	6,749,844	6,126,731
6,759,619	6,520,615	3,360,679	3,378,633	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	6,496,070	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
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
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 Establish-ments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establish-ments	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	1,818,428	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	3,937,115	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	6,611,419	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	10,799,527	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	36,535,626	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	9,301,275	155,222
1993	83	5,439	1,081,454	17,412	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 Establish-ments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establish-ments	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	25,670,618	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	56,217,798	1,579,023	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	2,872,238	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	13,894,377	557,508
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	21,688,551	1,821,167
1992	186	29,586	13,145,413	683,513	539	42,727	25,327,595	3,345,983
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	30,138,611	6,461,969
1995	175	19,894	9,687,227	494,101	372	32,913	33,897,863	8,474,812

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 Establish-ments	Total Employment	Products/By Products Sold	Expenditures on New Fixed Assets	Number of Establish-ments	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	27,209	42,230,257	2,507,470	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	97,819	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	100,214,247	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	384	25,861	3,423,279	162,527
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	150,511
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	48,053,369	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 VALUE OF OUTPUT OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY
1986 to 1995
(In million pesos)

Major Industry Group	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
All Manufacturing Establishments	247,461	297,940	385,010	463,055	567,814	678,420	734,877	793,282	852,564	1,008,157
Food	59,861	69,764	83,367	99,922	131,510	136,229	148,144	161,083	169,190	208,632
Beverages	15,877	19,604	25,189	31,392	33,301	41,176	42,533	55,139	47,678	53,008
Tobacco	13,995	15,523	16,194	17,123	18,314	18,972	22,153	22,804	26,937	27,573
Textiles	11,584	15,330	19,556	24,455	27,304	28,578	29,238	26,071	26,639	32,381
Footwear & wearing apparel	6,899	9,857	15,854	25,684	24,229	35,641	35,153	40,725	40,140	39,054
Wood and cork	6,241	7,786	10,936	11,190	10,226	12,254	9,962	10,571	9,166	8,251
Furniture and fixtures	1,469	2,078	3,867	4,272	4,152	5,069	5,022	5,900	5,650	5,140
Paper	7,851	7,255	10,247	11,578	12,499	15,184	18,958	14,375	17,266	23,030
Printing	2,917	3,569	4,166	5,580	6,467	7,548	9,305	14,770	10,980	13,130
Leather	195	266	531	788	1,020	1,537	1,500	1,142	1,202	1,697
Rubber products	3,337	4,314	8,428	7,829	8,766	9,841	13,891	11,210	9,848	10,375
Chemicals	29,848	36,330	51,691	61,103	69,320	88,633	95,449	95,417	101,624	116,854
Petroleum and coal	38,348	44,592	44,994	43,002	67,385	90,581	87,716	92,677	112,539	124,732
Non-metallic mineral product	6,347	8,143	11,371	14,283	18,256	22,758	25,861	25,852	30,378	34,839
Basic metal	19,272	21,533	31,699	37,093	42,802	44,511	48,504	54,874	52,972	73,064
Metal product	3,595	4,344	5,965	7,994	9,871	12,215	12,185	13,919	15,834	18,230
Machinery except electrical	1,553	2,481	3,318	4,819	4,450	5,864	6,843	10,484	11,535	21,519
Electrical machinery	14,102	18,989	25,628	32,798	48,593	71,121	77,634	81,397	102,221	125,955
Transport equipment	2,606	4,382	8,895	18,170	24,150	23,991	37,861	45,405	51,060	60,049
Miscellaneous	1,564	1,790	3,114	3,979	5,197	6,717	6,965	9,467	9,705	10,643

Notes: 1. 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 6.5
INDEX OF VALUE OF PRODUCTION OF KEY MANUFACTURING ENTERPRISES BY INDUSTRY
1990 to 1999
(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
1996	437.9	272.7	327.3	171.3	173.4	211.8	125.6	461.3
1997	471.2	281.7	365.9	182.9	147.3	236.7	132.9	539.9
1998	342.2	412.0	202.6	148.2	266.8	133.8	554.1	270.2
January	351.3	422.3	195.5	116.1	274.8	85.3	546.9	253.5
February	336.7	354.2	175.0	155.7	286.9	147.9	533.4	248.2
March	378.6	387.7	206.8	165.2	268.6	149.8	550.1	296.2
April	345.6	429.5	193.4	121.3	253.5	131.2	509.2	271.3
May	321.1	432.3	237.5	132.2	258.0	130.4	518.7	278.0
June	317.0	452.7	212.1	160.7	293.9	153.6	565.0	302.9
July	351.1	396.4	215.8	154.7	265.8	145.5	608.9	276.2
August	335.5	397.2	204.9	172.9	249.1	140.5	532.2	288.3
September	371.8	405.6	197.0	166.9	259.5	111.0	543.9	281.0
October	289.0	390.7	210.7	156.5	279.5	118.9	593.9	276.9
November	354.3	422.2	197.4	154.4	261.2	138.9	605.9	248.2
December	354.4	453.5	184.5	121.2	250.7	152.7	541.0	222.0
1999								
January	447.4	383.4	392.1	201.6	118.8	216.7	89.3	489.9
February	477.6	442.4	426.7	189.4	152.9	237.5	88.1	532.3
March	515.9	442.0	494.0	221.3	146.5	216.6	114.9	527.9
April	469.5	381.5	440.1	185.7	126.1	202.0	103.1	647.2
May	494.8	425.9	473.9	204.5	146.5	210.9	140.1	463.3
June	510.4	411.4	476.7	219.0	125.6	250.0	111.4	521.2

Notes: 1. Prior to 1998, data were results of the Survey of Key Manufacturing Establishments.
2. Data are as of September 1999.

Source: Monthly Integrated Survey of Selected Industries, 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
255.5	292.1	118.5	238.5	383.6	442.4	2,839.2	812.6	278.4
208.3	314.4	147.0	246.2	418.8	440.3	2,446.6	1,206.1	309.8
353.5	160.3	225.4	309.9	359.0	1,427.0	1,515.9	264.2	309.8
327.4	129.9	266.3	393.3	338.2	1,432.4	1,469.0	364.7	268.8
343.3	156.4	220.9	341.2	441.0	1,625.6	1,605.6	257.6	298.5
368.9	166.3	225.3	388.6	385.5	1,713.5	1,491.3	271.7	363.3
341.1	154.0	209.1	325.6	239.1	1,130.1	1,446.4	269.1	379.5
329.6	154.9	199.0	390.0	284.7	1,420.3	1,542.1	257.0	378.1
333.0	159.7	246.9	308.8	350.8	1,622.4	1,709.1	223.8	304.8
400.8	155.8	237.8	299.3	467.6	1,514.3	1,446.6	234.9	318.0
364.5	192.6	211.2	278.0	355.9	1,499.3	1,473.1	225.7	299.1
360.5	199.5	240.3	265.3	427.5	1,256.3	1,647.0	212.8	259.9
382.9	175.3	214.3	256.6	312.1	1,397.5	1,622.1	309.5	297.4
339.5	148.0	217.6	243.3	358.7	1,343.9	1,437.8	290.1	310.1
350.1	131.6	215.9	229.2	346.7	1,168.9	1,300.1	253.5	240.3
239.6	356.0	182.4	186.3	248.0	249.0	1,583.2	1,431.3	200.9
278.4	408.7	188.0	202.3	265.0	282.2	1,636.7	1,418.7	292.6
304.5	473.3	210.6	201.5	288.0	291.8	1,878.0	1,588.8	260.5
225.3	447.5	185.9	206.1	253.0	235.5	1,516.3	1,540.7	290.4
281.2	440.4	190.4	249.8	271.9	249.9	1,705.6	1,480.2	227.7
258.2	381.4	229.6	248.9	240.5	190.3	1,988.2	1,637.1	233.8

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

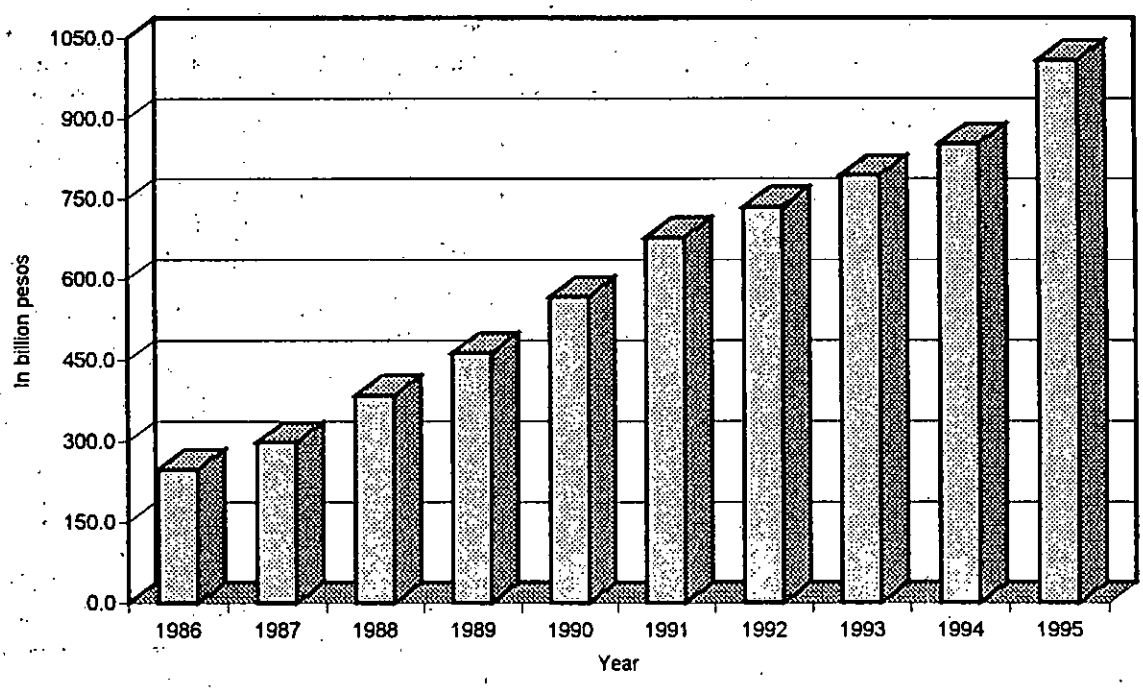

Figure 6.2 ***NUMBER OF MANUFACTURING ESTABLISHMENTS: 1986 to 1995***

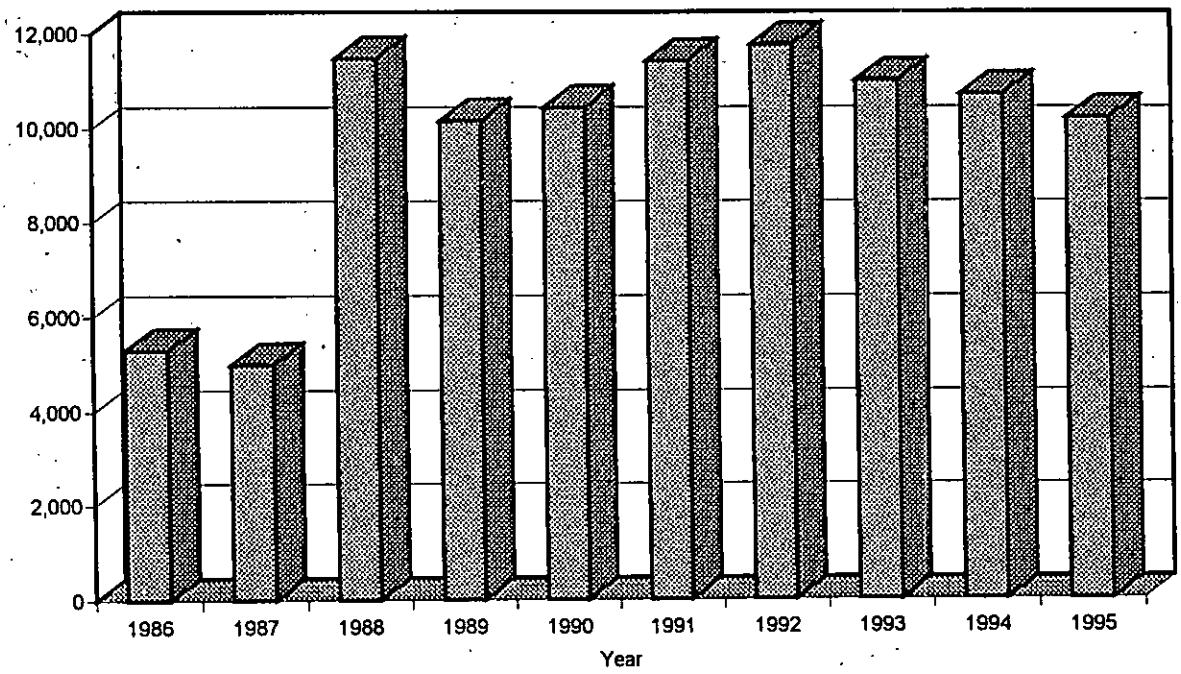

Table 6.6
NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING AND BY REGION
1981 to 1997
(Value in thousand pesos; area in thousand square meters)

Year	Total			Residential			Non-residential			Additions, Alterations and/or Repairs		
		Floor Area	Value		Floor Area	Value		Floor Area	Value		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	40,577	5,380	8,281,602	28,094	3,131	4,218,690	3,430	1,912	3,392,967	9,053	338	669,945
1985	30,437	4,558	8,285,126	20,244	2,122	3,101,320	3,350	2,171	4,573,893	6,843	264	609,912
1986	31,110	4,024	6,531,455	19,582	2,105	3,317,094	3,645	1,583	2,325,003	7,883	337	889,359
1987	41,712	5,950	11,124,000	27,809	3,118	5,832,042	4,504	2,370	4,108,333	9,399	462	1,183,625
1988	44,434	7,504	17,341,822	30,181	3,486	6,933,822	5,067	3,222	7,389,127	9,186	796	3,018,873
1989	44,971	9,992	30,105,858	31,219	5,272	17,488,113	5,364	4,264	10,784,229	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	93,631	16,774	102,184,592	67,251	7,042	31,166,502	10,776	8,717	63,205,254	15,604	1,015	7,812,836
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
INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS AND PARTNERSHIPS BY NATIONALITY AND INDUSTRY 1990 to 1998
(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	11,935,065	263,804	136,430	5,770,399
Filipino	5,025,527	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 *	26,662,403	81,021	145,490	3,662,802
Filipino	15,338,437	46,513	67,096	613,058
Chinese	4,083,752	13,713	4,773	382,299
American	983,149	9,998	2,840	135,190
Others	6,257,065	10,797	70,781	2,532,255
1998	16,469,734	26,066	528,341	2,887,403
Filipino	6,971,990	10,966	455,464	590,794
Chinese	3,226,239	9,900	5,434	464,841
American	1,254,242	1,265	80	250,754
Others	5,017,263	3,935	67,363	1,581,014

* Adjustments were made on the monthly totals.
Note: Data on Filipino do not include Filipino investors in mixed equity.

Source: Securities and Exchange Commission.

Table 6.7 (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	212,269	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
1,878,550	218,344	9,222,697	10,929,683	322,404	201,412
1,455,215	101,998	6,296,676	6,488,724	167,242	101,915
22,233	74,372	2,047,611	1,491,599	33,845	13,307
7,740	5,124	83,740	699,436	28,701	10,380
393,362	36,850	794,670	2,249,924	92,616	75,810
263,078	52,649	7,239,689	4,832,618	440,505	199,385
160,034	20,624	3,957,019	1,526,429	160,871	89,789
23,626	481	2,569,257	121,220	22,243	9,237
7,298	760	51,934	813,068	113,334	15,749
72,120	30,784	661,479	2,371,901	144,057	84,610

Table 6.8
NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED BUSINESS ORGANIZATIONS
1976 to 1998
(Amount in thousand pesos)

Year	Total		Corporations [1]			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 [a]	17,764	48,208,178	14,144	61,894,527	39,389,522	3,620	8,818,656
1998	13,616	33,106,709	10,229	36,357,972	25,589,716	3,387	7,516,993
January	1,031	2,219,322	790	2,643,124	1,731,166	241	488,156
February	1,201	2,758,869	888	3,360,530	2,079,413	313	679,456
March	1,332	4,253,607	941	4,215,972	3,132,116	391	1,121,491
April	1,040	2,862,353	818	3,348,067	2,311,210	222	551,143
May	1,033	1,523,594	775	1,492,679	964,632	258	558,962
June	983	1,455,946	747	1,652,075	1,050,934	236	405,012
July	1,456	2,334,828	1,057	2,283,949	1,251,165	399	1,083,663
August	1,354	2,948,622	1,010	2,958,745	1,963,512	344	985,110
September	1,229	1,544,341	919	2,392,745	1,004,026	310	540,315
October	1,109	7,203,279	856	7,414,299	6,803,938	253	399,341
November	1,003	1,827,807	784	2,193,518	1,392,924	219	434,883
December	845	2,174,141	644	2,402,269	1,904,680	201	269,461

[1] - Excludes non-stock corporations.
[a] - Adjustment were made in the monthly totals.
Source: Securities and Exchange Commission

Table 6.9
CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS AND PARTNERSHIPS, PHILIPPINES
1971 to 1998
(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 [a]	1,271	129,667.8	145	7,916.6	121,751.2
1998	1,168	103,427.3	176	9,119.1	94,308.2

[a] - There were revisions in the total withdrawals and net effect.

Source: Securities and Exchange Commission.

Table 6.10
EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226
1996 to 1998

Industry	Total	Local	Foreign
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
Regional Headquarter	17,400	0	17,400
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
1998 All Industries	83,112,054	45,812,641	37,299,413
Agriculture	530,998	349,077	181,921
Mining	1,363,920	31,680	1,332,240
Manufacturing	30,544,494	14,164,733	16,379,761
Energy-related projects	11,006,653	0	11,006,653
Public utilities	7,134,161	7,134,161	0
Export traders	4,375	1,750	2,625
Service Exporters	4,831	4,831	0
Tourism oriented projects	3,082,821	2,943,034	139,787
Infrastructure/Individual Services	27,830,992	19,985,379	7,845,613
Research & Developmental Projects	1,000	1,000	0
Environment Protection	398,986	48,748	350,238
Reginal Headquarter	48,275	0	48,275
Motor Vehicle, Program	1,160,548	1,148,248	12,300

Source: Board of Investments.

Table 6.11
AMOUNT OF INVESTMENTS APPROVED UNDER E.O. 226 BY COUNTRY
1976 to 1998
(In thousand pesos)

Year	Total	Local	Foreign										
			Sub- total	Australia/ Oceania	Asia	North America	Central America	South America	Europe	Caribbean Region	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	-	3,417,571	-	-	-	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	-	-	3,427,871	-	594,179	7,579,381	5,606,578
1996	116,382,497	91,001,139	25,381,358	142,895	11,971,318	868,828	-	703	4,433,099	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	-	-	32,335,179	4,366,371	-	0	3,698,299
1998	83,112,054	45,812,641	37,299,413	267,141	14,570,786	7,998,421	-	-	11,967,733	2,198,360	-	87,547	209,425

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 1998
(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 [1] (P/U.S.$)	Value	Percent to Total Trade	Average Exchange Rate [2] (P/U.S.$)	
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	61,161.52	25,227.70	41.25	29.205	35,933.82	58.75	29.647	(10,706.12)
1998 [p]	59,156.24	29,496.35	49.86	40.276	29,659.89	50.14	40.922	(163.54)

[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 exhange 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
1989 to 1998
(F.O.B. value in thousand U.S. dollars)

Countries	1989		1990		1991		1992		1993
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Total	10,418,821	7,820,713	12,206,161	8,186,027	12,051,363	8,839,514	14,518,928	9,824,314	17,597,401
ASEAN Countries	1,046,317	531,541	1,187,652	584,774	1,105,038	616,522	1,349,086	520,977	1,896,940
Brunei	47,424	551	109,792	951	95,434	1,044	91,837	2,128	50,716
Indonesia	157,826	56,182	181,563	60,937	162,227	41,943	181,129	40,273	341,159
Malaysia [1]	266,403	99,041	272,461	126,805	297,905	123,266	387,100	127,819	356,205
Singapore	492,550	220,795	486,660	239,632	455,275	229,454	550,851	252,323	978,327
Thailand	82,114	154,972	137,176	156,449	94,197	220,815	138,169	98,434	170,533
Other Countries	9,372,504	7,289,172	11,018,509	7,601,253	10,946,325	8,222,992	13,169,842	9,303,337	15,700,461
Australia	347,331	124,338	369,435	96,382	380,167	103,898	406,656	112,596	472,542
Bahrain	1,057	1,663	4,045	2,276	176	4,035	2,737	5,622	8,633
Canada	158,184	127,424	167,490	122,895	158,761	145,668	200,794	159,830	152,173
France	165,995	152,154	151,222	143,946	140,269	164,845	211,796	178,886	201,465
Hongkong	481,130	304,784	554,578	330,470	595,989	391,620	720,853	463,657	877,178
Italy	67,041	47,980	87,998	61,009	101,659	78,497	120,229	99,611	136,110
Japan [2]	2,043,224	1,591,173	2,258,534	1,621,992	2,372,879	1,771,301	3,086,788	1,745,424	4,036,641
Kuwait	172,273	8,937	194,295	5,507	-	2,737	82,716	6,883	192,212
Netherlands	203,112	329,224	170,221	357,081	144,176	338,416	180,354	406,262	237,140
People's Republic of China	221,105	50,235	162,102	61,764	223,499	127,769	183,745	113,895	180,663
Romania	17,111	10	12,486	1,237	17,132	5,156	14,904	566	15,958
Saudi Arabia	250,839	57,099	546,238	63,951	642,862	59,458	873,575	57,037	739,791
Korea, Republic of	422,859	175,246	477,993	229,504	608,637	227,921	696,828	175,824	897,632
Taiwan	701,799	210,298	805,570	209,263	824,597	209,722	959,545	286,789	1,025,280
United Kingdom of Great Britain [3]	170,817	328,591	247,886	350,531	214,930	371,642	299,808	466,758	379,056
United States of America [4]	1,979,273	2,945,612	2,365,532	3,094,588	2,426,278	3,143,653	2,620,204	3,831,548	3,522,267
Russia Federation [5]	18,601	25,897	26,238	15,199	31,977	15,495	84,176	7,751	90,751
Germany, Federal Republic of [6]	408,287	334,855	532,132	390,373	465,449	502,393	669,921	521,740	613,450
Others	1,542,466	473,652	1,884,514	443,285	1,596,888	558,766	1,754,213	662,658	1,921,519

[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)

1993	1994		1995		1996		1997		1998 P	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
11,374,805	21,332,568	13,552,896	26,537,626	17,447,186	32,426,934	20,542,546	35,933,821	25,227,703	29,659,887	29,496,353
759,860	2,470,195	1,372,311	3,105,500	2,241,684	3,788,458	2,816,614	4,605,645	3,334,971	4,050,490	3,723,341
2,366	35,169	3,302	7,681	2,557	374	3,479	955	4,375	92	3,903
48,259	366,940	71,123	575,440	129,126	645,311	142,453	694,694	214,023	592,041	111,189
161,066	430,513	223,732	573,384	315,406	800,553	667,058	947,295	640,092	924,145	1,141,616
379,450	1,440,553	710,330	1,553,382	995,708	1,740,392	1,223,545	2,171,329	1,620,508	1,740,411	1,832,257
168,719	197,020	363,824	395,613	798,887	601,828	780,079	791,372	855,973	793,801	634,376
10,614,945	18,862,373	12,180,585	23,432,126	15,205,502	28,638,476	17,725,932	31,328,176	21,892,732	25,609,397	25,773,012
114,448	586,937	139,843	730,794	143,291	808,462	160,760	954,820	203,585	682,895	169,529
7,323	6,656	7,287	16,969	5,599	15,599	3,509	9,310	7,018	12,795	4,580
194,128	139,236	195,759	239,983	202,107	258,824	205,807	307,526	234,481	208,832	233,718
208,874	234,613	184,918	306,032	203,021	399,782	226,465	781,487	230,547	492,126	251,152
548,175	1,112,527	651,416	1,274,691	823,983	1,360,113	868,252	1,548,626	1,171,544	1,299,688	1,325,931
85,475	164,641	90,490	225,420	111,173	297,155	93,854	303,930	91,342	218,898	110,906
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	6,029,944	4,233,904
10,189	80,299	8,609	32,826	9,779	16,385	17,702	4,139	16,534	21,528	9,693
361,847	278,913	516,119	318,212	805,091	330,797	1,114,585	544,601	1,663,470	219,174	2,319,207
173,874	294,269	164,485	578,619	213,966	676,507	327,922	871,594	244,412	1,198,914	343,683
2,383	11,802	1,223	5,887	1,374	15,782	2,806	15,160	2,192	6,370	1,068
68,129	944,980	58,707	1,633,768	64,906	1,671,263	54,582	1,058,363	29,957	606,650	32,847
221,008	1,107,341	292,067	1,366,462	443,715	1,673,249	370,661	2,182,032	473,731	2,188,751	508,772
346,121	1,226,353	452,821	1,436,538	568,471	1,598,093	661,235	1,807,615	1,168,973	1,415,246	1,757,071
540,505	389,025	638,623	549,051	923,185	479,122	936,477	544,641	1,085,973	327,313	1,756,873
4,371,159	3,941,268	5,143,260	5,014,293	6,159,655	6,361,154	6,965,613	7,154,028	8,814,602	6,557,257	9,373,675
10,412	186,904	20,203	340,322	11,374	464,152	15,382	416,911	10,565	163,191	6,870
586,004	761,062	665,264	929,288	699,122	1,209,257	847,005	1,180,294	1,060,275	822,008	1,035,128
937,856	2,205,094	914,764	2,476,086	1,068,238	3,873,821	1,182,104	4,228,732	1,189,130	3,137,817	2,298,405

Table 7.3
PHILIPPINE EXPORTS BY MAJOR COMMODITY GROUP
1988 to 1998
(F.O.B. value in million U.S. dollars; Quantity in thousand kilograms)

Commodity group	1988		1989		1990		1991	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Traditional Exports		1,606		1,550		1,437		1,388
Coconut products		578		531		496		439
Copra	80	28	79	25	97	20	81	19
Coconut oil	793	408	763	377	1,135	361	840	299
Desiccated coconut	88	78	95	76	75	61	81	66
Copra meal or cake	531	64	477	53	644	54	612	55
Others								
Sugar and sugar products		74		113		133		136
Centrifugal & refined sugar	143	60	210	89	247	111	274	115
Molasses	191	14	413	24	424	22	317	21
Others		0		0		0		0
Forest products [1]		261		197		94		73
Logs	0	0	6	0	4	0	2	0
Lumber	629	157	438	136	77	19	61	20
Plywood	242	79	113	37	174	59	118	44
Veneer sheets/corestocks	79	21	64	17	47	13	29	8
Others		4		7		3		1
Mineral products		383		423		361		309
Copper concentrates	450	216	426	237	421	207	397	174
Gold [2]	274	118	295	109	242	90	183	65
Chromium ore	147	13	182	19	178	17	182	16
Others		36		58		47		54
Fruits and vegetables		143		156		162		196
Canned pineapple	183	83	193	91	179	89	194	95
Pineapple juice	28	6	34	7	32	7	37	9
Pineapple concentrates	29	17	33	18	41	24	43	27
Others		37		40		42		65
Abaca fibers	24	16	23	18	22	16	21	17
Tobacco, unmanufactured	13	19	10	17	13	20	24	43
Petroleum products		132		95		155		175
Non-Traditional Exports		5,361		6,190		6,635		7,353
Non-traditional, manufactures		4,667		5,531		5,995		6,633
Elect. & elect'l equipment/parts & telecom		1,476		1,751		1,964		2,293
Garments		1,317		1,575		1,776		1,861
Textile yarn/fabrics		71		87		93		100
Footwear		45		54		78		122
Travel goods and handbags		22		41		43		45
Wood manufactures		79		88		117		117
Furnitre and fixtures		184		204		189		177
Chemicals		256		279		261		304
Copper metal	127	295	114	330	110	281	98	222
Non-metallic mineral manufactures		33		45		57		74
Machinery & transport equipment		54		115		150		181
Processed food and beverages		184		206		207		233
Misc. manufactured articles, nes		248		309		328		385
Others		403		447		451		519
Non-traditional, unmanufactured		694		659		640		720
Nickel	0	0	0	0	0	0	0	1
Iron ore agglomerates	4,874	86	4,352	76	4,741	81	4,776	78
Bananas	867	146	851	146	840	149	955	173
Mangoes	14	17	14	17	13	15	22	24
Coffee raw, not roasted	26	48	25	42	9	8	5	5
Fish, fresh or preserved	50	307	54	296	55	294	61	353
Of which: Shrimps & Prawns	24	250	26	231	24	219	30	273
Rice	0	0	16	3	0	0	10	2
Others		90		79		93		84
SPECIAL TRANSACTIONS		27		10		19		17
RE-EXPORTS		80		71		95		82
TOTAL EXPORTS		7,074		7,821		8,186		8,840

[1] Quantity in '000 cubic meters; price in US$/cu.m.
[2] Quantity in '000 ounces; prices in US$/oz.
Note: Details may not add up to totals due to rounding.
Source of basic data: National Statistics Office.

Table 7.3 (continued)

1992		1993		1994		1995		1996		1997		1998[P]	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	1,542		1,395		1,505		1,970		1,831		1,913		1,648
	633		494		607		974		713		816		815
34	11	27	7	24	9	34	13	4	1	7	3	4	1
882	481	859	358	849	475	1,339	826	793	571	1,108	673	1,178	706
85	88	93	84	75	70	73	68	70	85	77	88	72	73
540	53	488	45	574	53	756	67	475	56		52	540	35
	110		129		77		74		140		99		100
208	88	324	102	182	61	153	66	318	136	198	83	185	80
327	21	500	26	255	14	93	7	33	3	198	15	290	19
	1		1		2		1		1		1		1
	57		45		26		38		43		45		24
0	0	1	*	4	*	0	0	0	0	5	0	0	0
60	19	89	26	41	10	87	18	146	25	145	26	44	10
85	31	40	17	10	4	17	6	12	5	14	5	6	2
21	7	7	2	30	12	33	14	26	13	31	14	32	12
	0		0		0		0		0		0		0
	353		360		436		478		404		441		353
350	140	334	109	293	113	282	134	159	52	121	44	101	25
382	128	151	51	176	65	169	62	202	55	149	49	114	34
124	14	77	9	72	8	88	12	64	8	89	6	51	6
	71		191		250		270		289		342		288
	184		186		184		191		209		202		188
198	96	194	94	215	90	192	81	203	93	185	86	169	79
32	7	34	8	45	9	53	10	51	11	44	9	44	8
38	24	37	22	38	22	41	24	39	27	36	28	41	32
	57		62		63		76		78		79		69
21	21	18	19	22	20	19	23	17	21	2	23	24	17
19	34	17	26	16	23	12	21	18	29	17	29	13	22
	150		136		132		171		272		258		129
	8,152		9,777		11,723		15,096		18,213		22,514		26,804
	7,525		9,031		10,917		14,224		17,409		21,712		26,060
	2,753		3,551		4,984		7,413		9,988		13,028		17,156
	2,140		2,272		2,375		2,570		2,423		2,349		2,356
	121		118		173		208		252		299		242
	121		144		176		156		138		170		135
	53		54		76		110		121		174		182
	113		105		129		134		151		134		118
	181		203		240		276		293		322		324
	268		262		306		343		353		383		339
98	217	137	264	137	270	120	341	126	297	98	231	102	178
	80		87		96		108		95		105		106
	288		363		469		741		1,294		2,685		3,318
	230		309		335		307		351		365		322
	445		487		518		556		546		505		458
	515		812		770		961		1,107		962		826
	627		746		806		872		804		802		744
0	0	0	0	0	0	0	0	0	0		0	0	0
3,883	63	3,919	62	4,666	74	4,692	74	4,435	70	4,723	90	3,381	60
821	158	1,153	226	1,155	215	1,213	224	1,253	237	1,154	216	1,140	216
27	29	30	27	29	30	44	43	40	40	45	40	52	42
1	1	1	1	4	8	3	7	*	1	*	1	1	1
53	290	73	343	79	379	70	378	61	295	70	292	89	306
24	211	23	225	22	246	19	215	13	150	10	126	12	142
35	9	*	a	*	0	0	0	0	0	0	0	0	0
	77		87		100		146		161		163		119
	37		38		74		108		117		287		311
	98		165		181		273		382		514		733
	9,829		11,375		13,483		17,447		20,543		25,228		29,496

Figure 7.1 *FOREIGN TRADE OF THE PHILIPPINES: 1989 to 1998*

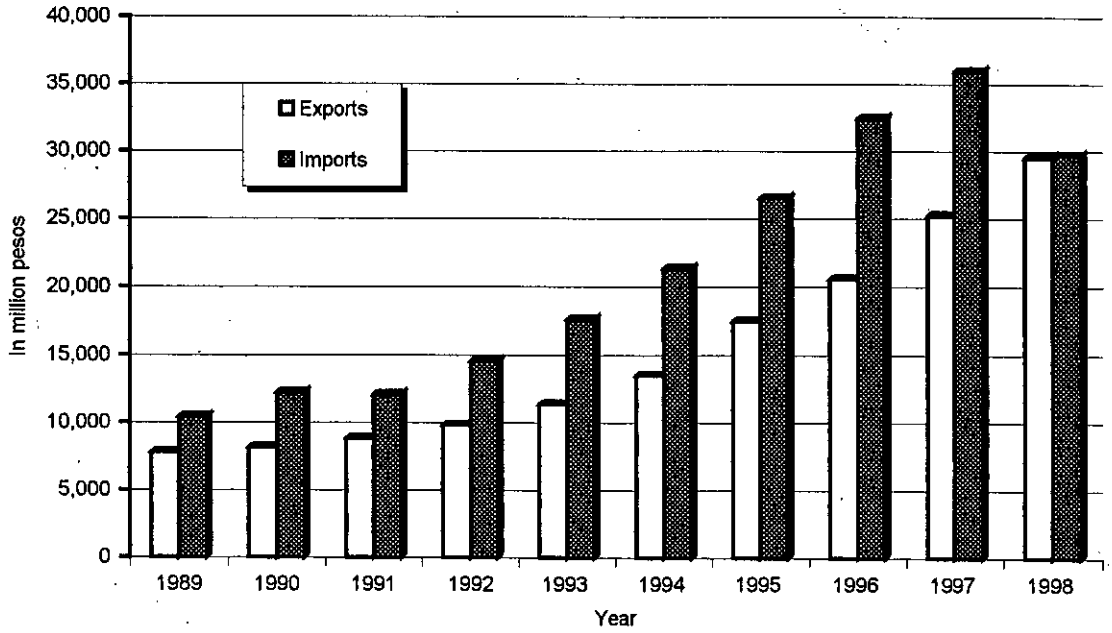

Figure 7.2 *VALUE OF TRADITIONAL AND NON-TRADITIONAL EXPORTS, PHILIPPINES: 1989 to 1998*

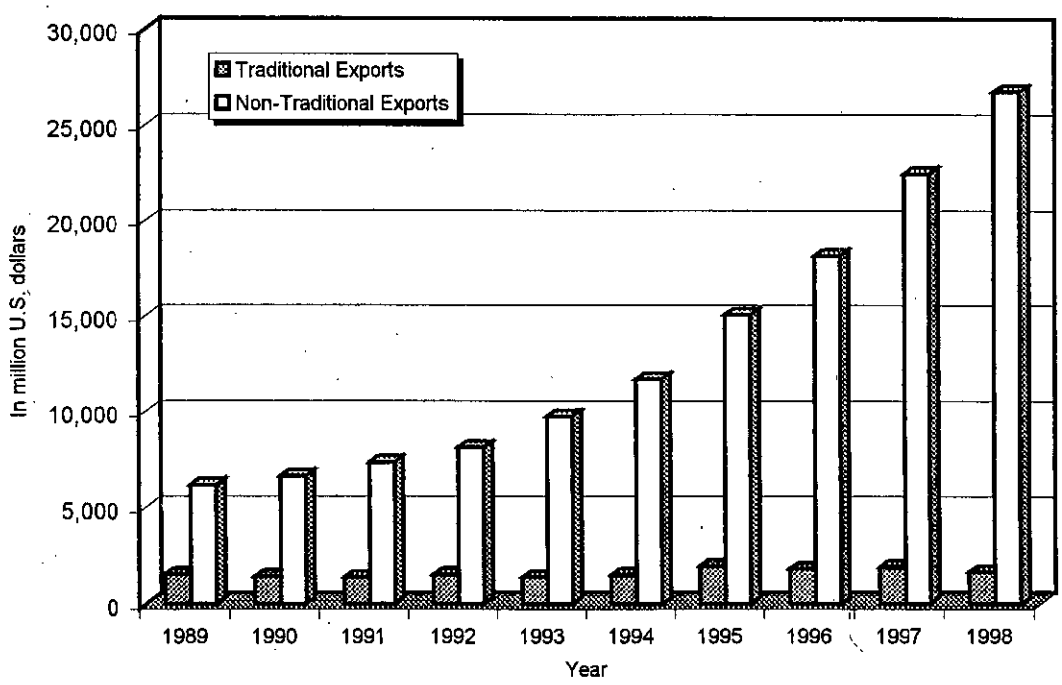

Table 7.4
PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES [1]
1976 to 1998
(F.O.B. value in thousand U.S. dollars)

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	25,227,703	8,814,602	34.9	35,933,821	7,154,028	19.9
1998 p	29,496,353	9,373,675	31.8	29,659,887	6,557,257	22.1

[1] - 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
1994 to 1997
(F.O.B. value in thousand U.S. dollars)

Port	1994				1995	
	Exports		Imports		Exports	
	Value	Percent Share	Value	Percent Share	Value	Percent Share
Total	13,482,896	100.00	21,332,568	100.00	17,447,186	100.00
Luzon	10,597,424	78.60	19,256,262	90.27	13,909,950	79.73
Aparri, Cagayan	60	0.00	0	0.00	548	0.00
Claveria, Cagayan	0	0.00	33	0.00	0	0.00
Gaang, Currimao, Ilocos Norte	664	0.00	0	0.00	644	0.00
Cabugao, Ilocos Sur	0	0.00	300	0.00	10	0.00
San Fernando, La Union	39,595	0.29	111,600	0.52	44,866	0.26
Dagupan City, Pangasinan	0	0.00	0	0.00	0	0.00
Sual, Pangasinan	0	0.00	0	0.00	15	0.00
Masinloc, Zambales	26,432	0.20	7,424	0.03	20,371	0.12
Subic Area Free Port	65,553	0.49	215,863	1.01	226,023	1.30
Baguio Export Processing Zone	654,744	4.86	649,072	3.04	853,134	4.89
Clark Special Economic Zone	0	0.00	0	0.00	21,320	0.12
Limay, Bataan	54,720	0.41	616,409	2.89	58,154	0.33
Mariveles, Bataan	200,161	1.48	391,198	1.83	245,226	1.41
Manila (South Harbor)	1,500,286	11.13	5,552,265	26.03	1,599,024	9.16
Manila International Container Port	4,126,852	30.61	5,742,186	26.92	4,522,824	25.92
Batangas, Batangas	312,854	2.32	1,390,243	6.52	552,167	3.16
Puerto Princesa City, Palawan	20,364	0.15	341	0.00	25,818	0.15
Siain, Quezon	4,187	0.03	54,908	0.26	8,453	0.05
Jose Panganiban, Camarines Norte	16,660	0.12	502	0.00	52,523	0.30
Legaspi City, Albay	22,354	0.17	747	0.00	33,780	0.19
Tabaco, Albay	721	0.01	4,666	0.02	721	0.00
Masbate, Masbate	2	0.00	0	0.00	18	0.00
Ninoy Aquino International Airport	3,551,214	26.34	4,518,505	21.18	5,644,077	32.35
Laoag City International Airport	0	0.00	0	0.00	-	0.00
Cubi Point International Airport	0	0.00	0	0.00	235	0.00
Subic Bay International Airport	0	0.00	0	0.00	0	0.00
Clark International Airport	0	0.00	0	0.00	0	0.00
Visayas	1,655,313	12.28	1,156,904	5.42	2,050,197	11.75
San Jose, Northern Samar	0	0.00	0	0.00	383	0.00
Catbalogan, Western Samar	15	0.00	0	0.00	8,047	0.05
Iloilo City, Iloilo	23,270	0.17	61,226	0.29	21,565	0.12
Pulupandan, Negros Occidental	68,502	0.51	792	0.00	56,952	0.33
Dumaguete City, Negros Oriental	36,907	0.27	2,661	0.01	77,215	0.44
Cebu City, Cebu	598,277	4.44	411,820	1.93	600,745	3.44
Danao City, Cebu	0	0.00	0	0.00	191	0.00
Lapu-lapu City, Cebu	158,396	1.17	102,037	0.48	226,546	1.30
Tacloban City, Leyte	401,812	2.98	366,300	1.72	566,818	3.25
Mactan International Airport	368,134	2.73	212,068	0.99	491,735	2.82
Maasin, Southern Leyte	0	0.00	0	0.00	0	0.00
Cebu International Airport	0	0.00	0	0.00	0	0.00
Mindanao	1,230,159	9.12	919,401	4.31	1,487,039	8.52
Surigao City, Surigao del Norte	15,371	0.11	4,668	0.02	13,894	0.08
Bislig, Surigao del Sur	2,806	0.02	6,483	0.03	1,300	0.01
Jolo, Sulu	3	0.00	0	0.00	0	0.00
Masao, Agusan del Norte	3,360	0.02	167,194	0.78	6,103	0.03
General Santos City, South Coatabato	226,755	1.68	94,521	0.44	0	0.00
Cagayan de Oro City, Misamis Oriental	265,664	1.97	170,544	0.80	322,230	1.85
Iligan City, Lanao del Norte	125,833	0.93	227,492	1.07	191,034	1.09
Ozamis City, Misamis Occidental	79,907	0.59	1,151	0.01	113,902	0.65
Zamboanga City, Zamboanga del Sur	155,559	1.15	23,277	0.11	199,119	1.14
Dadiangas, South Cotabato	0	0.00	0	0.00	199,601	1.14
Parang, Maguindanao	3,993	0.03	599	0.00	15,074	0.09
Davao City, Davao del Sur	328,829	2.44	223,472	1.05	388,810	2.23
Mati, Davao Oriental	22,077	0.16	0	0.00	35,973	0.21
Davao International Airport	0	0.00	0	0.00	0	0.00
Gen. Santos International Airport	0	0.00	0	0.00	0	0.00

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)

1995		1996				1997			
Imports		Exports		Imports		Exports		Imports	
Value	Percent Share	Value	Percent Share	Value	Percent Share	Value	Percent Share	Value	Percent Share
26,537,626	100.00	20,542,546	100.00	32,426,934	100.00	25,227,703	100.00	35,933,821	100.00
23,993,390	90.41	16,857,763	82.06	29,598,901	91.28	21,393,460	84.80	33,146,500	92.24
1,727	0.01	5,771	0.03	1,241	0.00	1,461	0.01	17	0.00
0	0.00	0	0.00	0	0.00	0	0.00	-	-
7	0.00	376	0.00	0	0.00	188	0.00	293	0.00
234	0.00	832	0.00	431	0.00	665	0.00	310	0.00
73,518	0.28	22,460	0.11	75,025	0.23	40,466	0.16	86,077	0.24
0	0.00	0	0.00	28	0.00	-	-	-	-
0	0.00	112	0.00	12	0.00	721	0.00	277	0.00
32	0.00	36,163	0.18	1,171	0.00	14,174	0.06	-	-
136,313	0.51	382,099	1.86	185,030	0.57	314,238	1.25	171,998	0.48
634,515	2.39	1,139,152	5.55	630,104	1.94	1,507,482	5.98	808,105	2.25
13,612	0.05	99,313	0.48	25,807	0.08	172,221	0.68	33,502	0.09
838,580	3.16	100,771	0.49	1,117,311	3.45	84,974	0.34	1,022,413	2.85
195,863	0.74	322,166	1.57	274,952	0.85	343,569	1.36	725,294	2.02
6,452,421	24.31	1,364,576	6.64	7,663,908	23.63	1,064,423	4.22	7,496,502	20.86
6,797,079	25.61	4,423,577	21.53	7,412,054	22.86	4,442,531	17.61	7,552,166	21.02
2,378,729	8.96	2,159,665	10.51	4,099,299	12.64	6,145,220	24.36	6,971,776	19.40
824	0.00	16,803	0.08	12	0.00	17,286	0.07	4,829	0.01
18,748	0.07	5,357	0.03	56,372	0.17	9,585	0.04	54,975	0.15
85	0.00	36,118	0.18	2,101	0.01	6,253	0.02	1,043	0.00
1,909	0.01	21,410	0.10	727	0.00	50,871	0.20	1,680	0.00
8,652	0.03	992	0.00	26,449	0.08	578	0.00	17,068	0.05
0	0.00	62	0.00	0	0.00	141	0.00	-	-
6,436,293	24.25	6,666,662	32.45	8,022,970	24.74	6,525,400	25.87	8,190,120	22.79
4,249	0.02	0	0.00	47	0.00	-	-	551	0.00
0	0.00	0	0.00	0	0.00	-	-	-	-
0	0.00	53,145	0.26	3,640	0.01	644,657	2.56	7,503	0.02
0	0.00	181	0.00	212	0.00	6,355	0.03	1	0.00
1,637,468	6.17	2,308,716	11.24	1,995,269	6.15	2,392,937	9.49	1,903,025	5.30
515	0.00	10	0.00	0	0.00	189	0.00	16,150	0.04
8	0.00	5,673	0.03	0	0.00	17,761	0.07	4	0.00
98,895	0.37	20,676	0.10	128,753	0.40	11,967	0.05	90,171	0.25
13,366	0.05	75,988	0.37	20,336	0.06	62,096	0.25	792	0.00
8,588	0.03	61,785	0.30	34,849	0.11	50,996	0.20	3,427	0.01
470,587	1.77	643,749	3.13	666,030	2.05	694,946	2.75	606,159	1.69
0	0.00	215	0.00	68	0.00	569	0.00	10,030	0.03
98,340	0.37	314,324	1.53	140,468	0.43	295,519	1.17	56,652	0.16
495,996	1.87	502,438	2.45	495,207	1.53	453,992	1.80	446,103	1.24
451,175	1.70	0	0.00	0	0.00	0	0.00	-	-
0	0.00	132	0.00	0	0.00	54	0.00	-	-
0	0.00	683,726	3.33	509,557	1.57	804,846	3.19	673,536	1.87
906,768	3.42	1,376,067	6.69	832,764	2.57	1,441,306	5.71	884,296	2.46
626	0.00	20,637	0.10	5,738	0.02	13,183	0.05	6,294	0.02
5,772	0.02	525	0.00	6,027	0.02	643	0.00	3,886	0.01
0	0.00	0	0.00	0	0.00	-	-	-	-
8,513	0.03	4,618	0.02	21,153	0.07	5,775	0.02	23,949	0.07
0	0.00	0	0.00	0	0.00	-	0.00	-	-
226,513	0.85	271,789	1.32	257,685	0.79	297,609	1.18	257,558	0.72
378,713	1.43	146,859	0.71	238,284	0.73	156,781	0.62	252,508	0.70
589	0.00	51,965	0.25	0	0.00	66,925	0.27	712	0.00
25,764	0.10	150,444	0.73	33,876	0.10	175,624	0.70	74,479	0.21
121,153	0.46	268,818	1.31	89,787	0.28	238,034	0.94	113,071	0.31
5,384	0.02	6,006	0.03	79	0.00	11,399	0.05	74	0.00
133,618	0.50	431,738	2.10	179,656	0.55	446,933	1.77	149,586	0.42
123	0.00	18,487	0.09	0	0.00	24,193	0.10	-	-
0	0.00	3,087	0.02	478	0.00	3,184	0.01	2,106	0.01
0	0.00	1,094	0.01	0	0.00	1,023	0.00	72	0.00

8 TOURISM

This chapter presents key indicators on the Philippine tourism industry. Foremost is the number of visitor arrivals a tangible yardstick of the industry's performance. The basic data sources of the visitor statistics in the Philippines are the Arrival/Departure (A/D) cards filled in by incoming and outgoing visitors through the international airports of entry of the country, as well as the sea manifests which are utilized to gather arrival statistics by sea. A visitor is defined as "any person visiting a country other than that in which he has usual environment (usual place of residence) for any reason other than following an occupation remunerated from within the country visited" (World Tourism Organization).

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 World Tourism Organization (WTO) and the ASEAN Sub-Committee on Tourism (SCOT) for the standardization and uniformity of visitor arrival statistics of all ASEAN-member countries. Moreover, the distribution of travel markets by country of residence, by purpose of travel, by age group, and mode of travel (by air or sea) is presented.

Other indicators on the performance of the tourism industry are likewise presented, such as visitor receipts and hotel statistics. Visitor receipts are computed to detrmine the contribution and economic significance of the tourism industry to the Philippine economy. Receipts derived from tourism are included in the estimation of the country's Gross Domestic Product (GDP). Hotel statistics such as the occupancy rates are taken from the occupancy reports submitted monthly by classified hotels in Metro Manila only.

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Figure 8.1 VISITOR ARRIVALS TO THE PHILIPPINES: 1989 to 1998

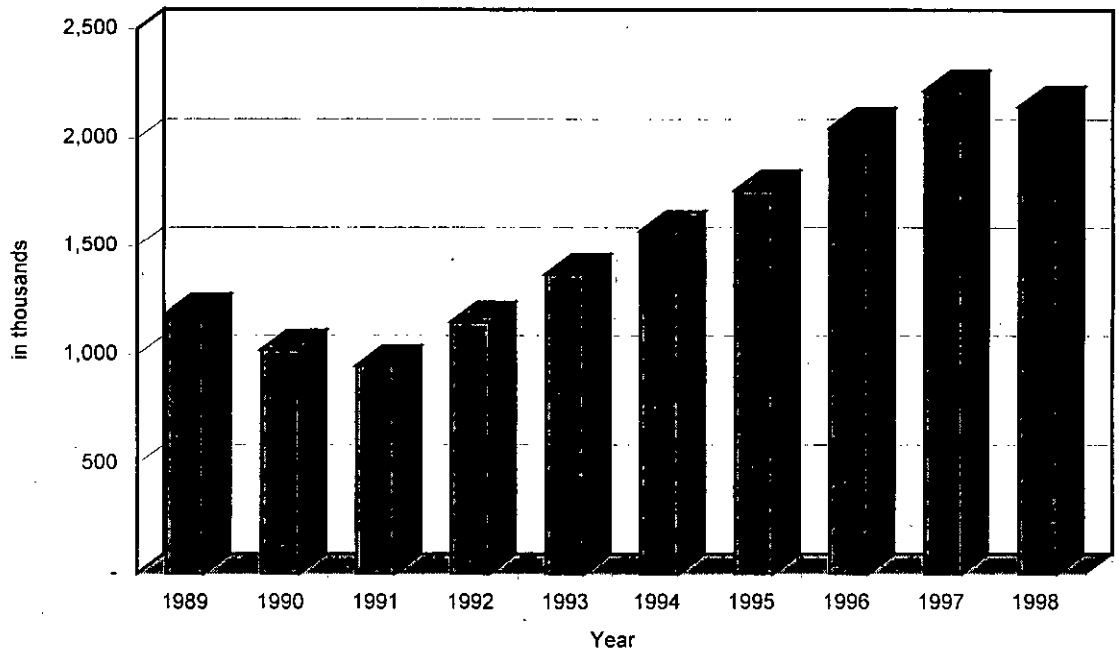

Figure 8.2 AIR VISITOR ARRIVALS BY AGE GROUP: 1998

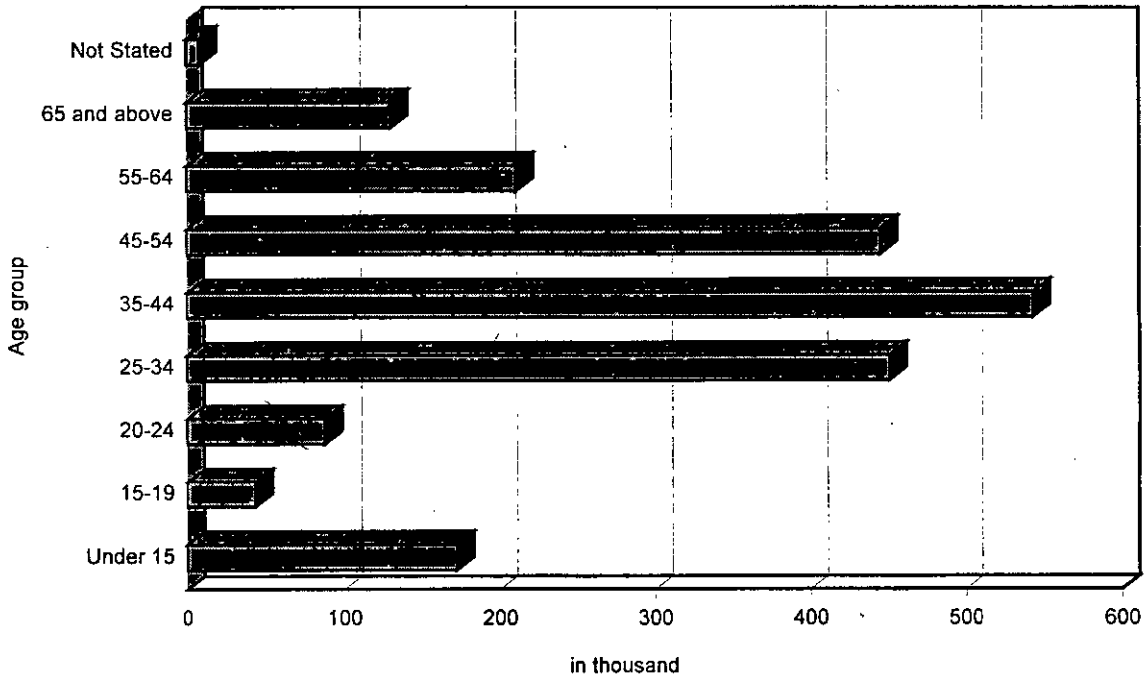

Table 8.1
VISITOR ARRIVALS TO THE PHILIPPINES BY COUNTRY OF RESIDENCE
1989 to 1998

Country of Residence	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Grand Total	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	2,149,357
ASIA	581,968	453,377	435,555	563,814	672,205	759,892	985,001	1,081,609	1,171,619	1,003,172
Asean	64,806	47,758	48,683	55,508	68,103	84,010	92,965	139,324	155,226	137,030
Brunei	2,456	1,660	1,657	1850	2,226	2,612	2,607	3,393	3,516	2,694
Indonesia	7,994	6,190	7,980	8591	9,686	11,695	12,723	19,280	20,924	15,106
Laos [1]	...	...	...	...	...	...	...	...	...	450
Malaysia	17,201	11,809	13,594	14,633	21,230	28,038	34,963	52,080	60,449	49,144
Myanmar [1]	...	...	...	...	...	...	...	...	...	1,722
Singapore	26,402	19,331	15,662	20,467	23,302	28,549	27,327	43,948	50,344	47,998
Thailand	10,753	8,768	9,790	9,967	11,659	13,116	14,185	17,685	16,692	16,260
Vietnam [2]	...	...	...	...	...	...	1,160	2,938	3,301	3,656
East Asia	475,742	369,954	351,188	470,636	565,817	636,043	750,938	896,096	971,870	816,449
China (PROC)	3,029	4,066	4,873	6,528	7,011	9,259	8,606	15,757	19,093	24,252
Japan	215,634	201,982	197,540	221,578	243,412	93,673	107,151	350,242	376,714	361,631
Hongkong	130,346	70,629	55,673	66,238	76,562	277,825	323,199	149,479	159,606	162,718
Korea	36,587	36,533	40,554	54,115	69,544	97,867	121,559	173,910	170,087	81,979
Taiwan	90,146	56,744	52,548	122,177	169,288	157,419	190,423	206,708	246,370	185,869
South Asia	15,885	14,923	15,070	16,263	17,615	19,407	20,856	24,646	26,189	29,883
Bangladesh	1,165	1,046	1,048	1,267	1,276	1,640	1,715	2,153	2,365	2,784
India	6,348	6,474	7,011	7,876	8,962	10,793	12,440	16,062	17,711	20,945
Nepal	813	630	615	644	798	728	875	989	1,000	1,154
Pakistan	5,399	5,368	4,796	5,072	4,962	4,461	3,918	2,976	2,874	2,946
Sri Lanka	2,160	1,405	1,600	1,404	1,617	1,785	1,908	2,466	2,239	2,054
Middle East	25,535	20,742	20,614	21,407	20,670	20,432	20,242	21,543	18,334	19,810
Bahrain	1,740	1,134	826	1,171	1,044	1,033	1,077	1,216	1,064	1,070
Iran	458	703	756	566	742	970	1,212	1,215	1,195	1,071
Israel	3,668	2,961	3,476	2,986	3,212	2,487	2,558	3,011	3,060	3,704
Jordan	534	605	477	350	495	648	646	684	583	585
Kuwait	1,933	884	1,862	1,047	1,201	1,241	1,567	1,383	1,146	1,209
Saudi Arabia	15,052	13,112	12,514	14,275	12,862	12,802	12,116	12,861	10,111	10,998
United Arab Emirates	2,150	1,343	703	1,012	1,114	1,251	1,066	1,173	1,175	1,173
AMERICA	270,067	226,148	216,482	252,300	307,989	352,483	391,309	434,828	496,213	540,596
North America	267,679	224,510	214,724	250,424	305,696	349,695	387,914	430,805	491,523	535,564
USA	246,586	203,941	192,499	221,630	269,964	310,231	342,189	373,953	427,431	468,808
Canada	21,093	20,569	22,225	28,794	35,732	39,464	45,725	56,852	64,092	66,756
Central America	687	401	329	460	586	760	800	955	1,238	1,430
Mexico	687	401	329	460	586	760	800	955	1,238	1,430
South America	1,701	1,237	1,429	1,416	1,707	2,028	2,595	3,068	3,452	3,602
Argentina	329	264	223	368	395	410	564	625	981	699
Brazil	780	537	718	537	707	763	1,123	1,272	1,322	1,717
Colombia	276	170	206	200	258	403	454	502	515	540
Peru	210	136	153	207	191	288	244	412	342	352
Venezuela	106	130	129	104	156	164	210	257	292	294

Table 8.1 (continued)

Country of Residence	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
EUROPE	122,314	122,798	128,349	151,634	179,982	203,471	229,344	269,976	291,619	307,058
Western Europe	63,392	60,100	62,205	76,677	88,079	96,761	108,529	127,628	133,198	140,420
Austria	3,619	3,317	3,042	4,280	5,402	6,409	7,253	7,940	8,116	8,905
Belgium	2,655	2,709	2,492	3,365	4,170	4,620	5,289	6,596	6,737	7,307
France	9,543	10,204	10,406	13,180	13,705	14,210	18,044	21,027	24,089	25,909
Germany	30,045	26,915	28,229	36,031	41,787	46,471	50,766	60,367	62,595	64,207
Luxembourg	134	86	117	163	188	234	241	247	261	252
Netherlands	6,543	6,487	7,247	7,404	9,271	10,486	12,209	14,873	15,572	16,953
Switzerland	10,853	10,382	10,672	12,254	13,556	14,331	14,727	16,578	15,828	16,887
Northern Europe	41,520	47,673	51,192	56,448	71,366	83,057	94,360	112,925	126,094	134,771
Denmark	3,320	2,843	3,414	4,200	4,668	5,513	5,445	7,384	8,136	11,309
Finland	1,103	1,032	1,061	1,053	1,397	1,978	2,345	2,914	2,793	3,125
Ireland	1,012	921	1,313	1,457	1,815	2,106	2,342	2,801	3,209	3,453
Norway	2,726	3,023	3,058	3,582	4,560	4,909	5,459	6,384	6,670	8,156
Sweden	6,759	6,381	6,375	7,240	7,507	7,533	8,178	9,929	10,242	11,024
United Kingdom	26,600	33,473	35,971	38,916	51,419	61,018	70,591	83,513	95,044	97,704
Southern Europe	16,006	13,796	12,885	15,532	18,302	20,577	22,613	25,210	27,959	27,089
Greece	1,828	754	837	1,047	1,186	1,322	1,491	1,696	1,542	1,295
Italy	8,869	8,516	8,048	9,447	11,104	12,371	12,745	13,822	15,542	14,463
Portugal	1,997	1,185	905	1,359	1,826	2,100	2,654	2,566	2,701	2,770
Spain	2,978	2,827	2,723	3,362	3,920	4,348	5,307	6,420	7,320	7,819
Yugoslavia	334	514	372	317	266	436	416	...	...	...
Slovenia/Croatia/ Others	...	...	...	...	...	...	...	706	854	742
Eastern Europe	1,396	1,229	2,067	2,977	2,235	3,076	3,842	4,213	4,368	4,778
Poland	197	226	441	311	405	530	667	977	1,021	833
Commonwealth of Independent States	1,199	1,003	1,626	2,666	1,830	2,546	3,175	3,236	3,347	3,945
OCEANIA	67,586	61,188	52,248	62,716	71,208	80,821	85,244	98,473	105,391	97,438
Australia	50,529	47,351	43,966	50,911	60,066	69,846	75,898	87,553	93,949	85,655
Guam	11,343	8,784	3,570	6,100	4,397	3,281	457	368	196	195
Nauru	266	129	-	214	133	142	105	89	187	205
New Zealand	3,614	3,627	3,950	4,529	5,717	6,704	7,822	9,396	10,045	10,266
Papua New Guinea	1,834	1,297	762	962	895	848	962	1,067	1,014	1,117
AFRICA	496	795	1,254	1,902	2,278	2,384	2,634	2,891	2,913	3,142
Egypt	29	305	867	1,136	1,059	1,140	1,067	1,089	1,025	1,088
Nigeria	281	285	330	406	475	385	368	222	268	307
South Africa	186	205	57	360	744	859	1,199	1,580	1,620	1,747
OTHERS AND UNSPECIFIED RESIDENCES	33,672	29,457	15,530	10,822	12,759	15,601	16,728	18,837	20,227	23,674
TOTAL	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	1,975,080
OVERSEAS FILIPINOS [3]	113,616	130,757	101,947	109,764	125,676	159,169	149,903	142,753	134,541	174,277

[1] - Prior to January 1998, Laos and Myanmar were lumped under "Others".
[2] - Prior to August 1995, statistics from Vietnam was lumped under "Others".
[3] - Philippine Passport holders permanently residing abroad; exclude overseas Filipino Workers

Source: Department of Tourism.

Table 8.2
DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND MODE OF TRAVEL
1996 to 1998

Country of Residence	1996			1997			1998		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
Grand Total	2,049,367	2,019,385	29,982	2,222,523	2,177,780	44,743	2,149,357	2,092,245	57,112
ASIA	1,081,609	1,063,603	18,006	1,171,619	1,148,178	23,441	1,001,000	976,684	26,488
Asean	139,324	135,987	3,337	155,226	150,093	5,133	134,858	129,080	7,950
Brunei	3,393	3,389	4	3,516	3,472	44	2,694	2,671	23
Indonesia	19,280	17,787	1,493	20,924	18,370	2,554	15,106	11,593	3,513
Laos [1]	...	...	...	...	...	...	...	448	2
Malaysia	52,080	51,045	1,035	60,449	58,884	1,565	49,144	48,025	1,119
Myanmar [1]	...	...	...	...	...	...	...	1,289	433
Singapore	43,948	43,692	256	50,344	50,150	194	47,998	47,608	390
Thailand	17,685	17,475	210	16,692	16,458	234	16,260	14,370	1,890
Vietnam [2]	2,938	2,599	339	3,301	2,759	542	3,656	3,076	580
East Asia	896,096	883,184	12,912	971,870	955,456	16,414	816,449	802,798	13,651
China (PROC)	15,757	11,086	4,671	19,093	12,437	6,656	24,252	18,825	5,427
Hongkong	149,479	144,801	4,678	159,606	155,404	4,202	162,718	161,623	1,095
Japan	350,242	349,690	552	376,714	375,593	1,121	361,631	357,301	4,330
Korea	173,910	171,766	2,144	170,087	167,636	2,451	81,979	80,037	1,942
Taiwan	206,708	205,841	867	246,370	244,386	1,984	185,869	185,012	857
South Asia	24,646	22,892	1,754	26,189	24,309	1,880	29,883	25,064	4,819
Bangladesh	2,153	2,045	108	2,365	2,177	188	2,784	2,022	762
India	16,062	14,582	1,480	17,711	16,232	1,479	20,945	17,136	3,809
Nepal	989	989	-	1,000	999	1	1,154	1,152	2
Pakistan	2,976	2,899	77	2,874	2,740	134	2,946	2,818	128
Sri Lanka	2,466	2,377	89	2,239	2,161	78	2,054	1,936	118
Middle East	21,543	21,540	3	18,334	18,320	14	19,810	19,742	68
Bahrain	1,216	1,216	-	1,064	1,064	0	1,070	1,070	0
Iran	1,215	1,215	-	1,195	1,184	11	1,071	1,017	54
Israel	3,011	3,009	2	3,060	3,057	3	3,704	3,696	8
Jordan	684	684	-	583	583	0	585	585	0
Lebanon	0	0	-	0	0	0	0	0	0
Kuwait	1,383	1,383	-	1,146	1,146	0	1,209	1,209	0
Saudi Arabia	12,861	12,861	-	10,111	10,111	0	10,998	10,996	2
United Arab Emirates	1,173	1,172	1	1,175	1,175	0	1,173	1,169	4
AMERICA	434,828	432,033	2,795	496,213	490,535	5,678	540,596	532,262	8,334
North America	430,805	428,088	2,717	491,523	486,321	5,202	535,564	527,414	8,150
Canada	56,852	56,710	142	64,092	62,961	1,131	66,756	65,424	1,332
U.S.A.	373,953	371,378	2,575	427,431	423,360	4,071	468,808	461,990	6,818
Central America	955	951	4	1,238	1,120	118	1,430	1,300	130
Mexico	955	951	4	1,238	1,120	118	1,430	1,300	130
South America	3,068	2,994	74	3,452	3,094	358	3,602	3,548	54
Argentina	625	622	3	981	651	330	699	692	7
Brazil	1,272	1,265	7	1,322	1,313	9	1,717	1,679	38
Colombia	502	447	55	515	499	16	540	535	5
Peru	412	409	3	342	342	0	352	351	1
Venezuela	257	251	6	292	289	3	294	291	3

Table 8.2 (continued)

Country of Residence	1996			1997			1998		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
EUROPE	269,976	264,411	5,565	290,765	282,444	9,175	306,316	291,799	15,259
Western Europe	127,628	125,568	2,060	138,198	135,528	2,670	140,420	134,570	5,850
Austria	7,940	7,835	105	8,116	8,067	49	8,905	8,704	201
Belgium	6,596	6,568	28	6,737	6,711	26	7,307	7,295	12
France	21,027	20,950	77	29,089	28,218	871	25,909	24,510	1,399
Germany	60,367	58,713	1,654	62,595	61,241	1,354	64,207	60,618	3,589
Luxembourg	247	247	-	261	254	7	252	250	2
Netherlands	14,873	14,718	155	15,572	15,362	210	16,953	16,573	380
Switzerland	16,578	16,537	41	15,828	15,675	153	16,887	16,620	267
Northern Europe	112,925	111,485	1,440	126,094	122,599	3,495	134,771	128,346	6,425
Denmark	7,384	7,283	101	8,136	8,015	121	11,309	10,899	410
Finland	2,914	2,906	8	2,793	2,786	7	3,125	3,116	9
Ireland	2,801	2,772	29	3,209	3,175	34	3,453	3,410	43
Norway	6,384	5,969	415	6,670	6,413	257	8,156	7,602	554
Sweden	9,929	9,817	112	10,242	10,134	108	11,024	10,705	319
United Kingdom	83,513	82,738	775	95,044	92,076	2,968	97,704	92,614	5,090
Southern Europe	25,210	24,228	982	22,105	21,061	1,898	26,347	25,752	1,337
Greece	1,696	1,221	475	1,542	1,205	337	1,295	1,070	225
Italy	13,822	13,751	71	15,542	14,725	817	14,463	13,736	727
Portugal	2,566	2,514	52	2,701	2,626	75	2,770	2,703	67
Spain	6,420	6,297	123	2,320	1,903	417	7,819	7,675	144
Yugoslavia	706	445	261	0	0	0	0	0	0
Slovenia/Croatia/ Others	...	...	...	854	602	252	742	568	174
Eastern Europe	4,213	3,130	1,083	4,368	3,256	1,112	4,778	3,131	1,647
Poland	977	662	315	1,021	664	357	833	648	185
Commonwealth of Independent States	3,236	2,468	768	3,347	2,592	755	3,945	2,483	1,462
OCEANIA	98,473	97,601	872	105,391	103,462	1,929	97,438	96,273	1,165
Australia	87,553	86,714	839	93,949	92,041	1,908	85,655	84,607	1,048
Guam	368	368	-	196	196	-	195	195	0
Nauru	89	89	-	187	187	-	205	205	0
New Zealand	9,396	9,363	33	10,045	10,027	18	10,266	10,222	44
Papua New Guinea	1,067	1,067	-	1,014	1,011	3	1,117	1,044	73
AFRICA	2,891	2,820	71	2,913	2,771	142	3,142	3,117	25
Egypt	1,089	1,046	43	1,025	911	114	1,088	1,083	5
Nigeria	222	210	12	268	263	5	307	296	11
South Africa	1,580	1,564	16	1,620	1,597	23	1,747	1,738	9
OTHERS AND UNSPECIFIED RESIDENCE	18,837	16,164	2,673	20,227	15,849	4,378	23,674	17,833	5,841
TOTAL	1,906,614	1,876,632	29,982	2,087,982	2,043,239	44,743	1,975,080	1,917,968	57,112
OVERSEAS FILIPINOS [3]	142,753	142,753	0	134,541	134,541	0	174,277	174,277	0

[1] - Prior to January 1998, Laos and Myanmar were lumped under "Others".
[2] - Prior to August 1995, statistics from Vietnam was lumped under "Others".
[3] - Philippine Passport holders permanently residing abroad; exclude overseas Filipino Workers

Source: Department of Tourism.

Table 8.3
AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND AGE GROUP
1992 to 1998

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	
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
1998	2,092,245	171,951	43,314	87,545	450,819	543,706	445,186	210,717	130,404	8,603
ASIA	976,684	64,434	15,355	45,423	236,455	277,620	210,262	85,266	39,145	2,724
Asean	129,080	4,710	1,585	4,835	36,813	44,388	25,569	7,707	3,066	407
Brunei	2,671	332	59	135	493	848	529	190	67	18
Indonesia	11,593	461	252	809	3,868	3,021	2,059	793	314	16
Laos [1]	448	1	17	37	83	178	105	22	4	1
Malaysia	48,025	1,631	492	1,805	13,339	16,834	9,443	3,063	1,289	129
Myanmar [1]	1,289	32	25	77	353	338	278	148	37	1
Singapore	47,608	1,622	416	920	13,569	18,193	9,634	2,219	844	191
Thailand	14,370	588	279	865	4,348	4,019	2,791	1,023	423	34
Vietnam [2]	3,076	43	45	187	760	957	730	249	88	17
East Asia	802,798	56,673	12,897	37,927	187,569	220,070	176,883	74,266	34,381	2,132
China	18,825	1,253	672	1,068	5,222	5,122	2,644	1,575	1,245	24
Hongkong	161,623	11,435	3,689	9,930	45,938	48,517	25,645	9,415	6,766	288
Japan	357,301	29,325	3,453	13,294	68,827	84,643	98,355	43,032	15,120	1,252
Korea	80,037	4,008	1,875	4,172	21,415	27,534	13,714	4,790	2,280	249
Taiwan	185,012	10,652	3,208	9,463	46,167	54,254	36,525	15,454	8,970	319
South Asia	25,064	1,444	657	1,259	7,030	7,104	4,859	1,860	761	90
Bangladesh	2,022	79	83	148	569	542	436	135	28	2
India	17,136	1,050	423	792	4,868	4,931	3,215	1,229	569	59
Nepal	1,152	36	56	103	262	335	265	55	35	5
Pakistan	2,818	200	57	143	845	738	538	204	79	14
Sri Lanka	1,936	79	38	73	486	558	405	237	50	10
Middle East	19,742	1,607	216	1,402	5,043	6,058	2,951	1,433	937	95
Bahrain	1,070	174	7	18	170	301	202	112	81	5
Iran	1,017	85	40	57	247	312	189	41	41	5
Israel	3,696	153	38	719	972	749	677	283	84	21
Jordan	585	51	3	20	164	187	73	61	21	5
Kuwait	1,209	208	15	66	272	354	150	87	44	13
Saudi Arabia	10,996	688	106	446	2,949	3,859	1,518	790	608	32
United Arab Emirates	1,169	248	7	76	269	296	142	59	58	14
AMERICA	532,262	65,264	16,049	17,310	68,550	109,695	114,917	71,047	66,297	3,133
North America	527,414	65,043	15,876	16,877	67,123	108,395	114,119	70,715	66,151	3,115
Canada	65,424	6,263	1,900	2,541	10,039	15,163	15,256	7,305	6,566	391
USA	461,990	58,780	13,976	14,336	57,084	93,232	98,863	63,410	59,585	2,724
Central America	1,300	43	20	49	450	338	262	91	37	10
Mexico	1,300	43	20	49	450	338	262	91	37	10
South America	3,548	178	153	384	977	962	536	241	109	8
Argentina	692	28	25	37	149	162	167	76	46	2
Brazil	1,679	90	103	249	495	416	211	81	30	4
Colombia	535	23	14	51	125	184	96	32	10	0
Peru	351	12	4	26	131	101	35	26	14	2
Venezuela	291	25	7	21	77	99	27	26	9	0

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	291,799	23,145	5,588	10,130	66,701	76,588	66,586	32,023	9,782	1,256
Western Europe	134,570	11,280	2,595	4,269	31,383	36,197	28,908	15,035	4,391	512
Austria	8,704	1,067	253	309	1,824	2,475	1,728	777	239	32
Belguim	7,295	635	162	233	1,494	2,130	1,685	650	276	30
France	24,510	1,621	412	1,008	6,947	6,349	5,392	1,976	698	107
Germany	60,618	5,449	1,241	1,703	13,276	15,935	12,561	8,209	2,007	237
Luxembourg	250	38	3	6	37	95	54	10	7	0
Netherlands	16,573	1,009	273	507	4,021	4,317	4,074	1,756	551	65
Switzerland	16,620	1,461	251	503	3,784	4,896	3,414	1,657	613	41
Northern Europe	128,346	9,893	2,466	4,757	28,718	32,555	31,356	13,822	4,164	615
Denmark	10,899	832	226	700	2,853	2,363	2,330	1,244	297	54
Finland	3,116	158	32	57	903	1,073	598	229	55	11
Ireland	3,410	180	39	181	1,056	886	644	292	110	22
Norway	7,602	964	207	275	1,312	1,818	1,921	839	218	48
Sweden	10,705	883	183	480	2,623	2,531	2,383	1,151	437	34
United Kingdom	92,614	6,876	1,779	3,064	19,971	23,884	23,480	10,067	3,047	446
Southern Europe	25,752	1,867	447	841	5,789	6,963	5,683	2,916	1,122	124
Greece	1,070	65	11	31	205	269	272	160	56	1
Italy	13,736	949	116	270	3,007	3,725	3,102	1,858	637	72
Portugal	2,703	244	85	131	668	888	477	126	76	8
Spain	7,675	585	219	325	1,754	1,952	1,708	748	343	41
Slovenia/Croatia/ Others	568	24	16	84	155	129	124	24	10	2
Eastern Europe	3,131	105	80	263	811	873	639	250	105	5
Comm. of Ind. States	2,483	92	73	210	604	702	520	203	76	3
Poland	648	13	7	53	207	171	119	47	29	2
OCEANIA	96,273	9,919	2,799	3,296	15,765	24,372	24,150	9,888	5,289	795
Australia	84,607	8,916	2,539	2,934	13,602	21,062	21,156	8,818	4,893	687
Guam	195	30	5	3	26	23	35	37	35	1
Nauru	205	21	14	12	49	58	37	6	7	1
New Zealand	10,222	873	206	297	1,865	2,864	2,710	988	322	97
Papua New Guinea	1,044	79	35	50	223	365	212	39	32	9
AFRICA	3,117	225	71	175	753	913	625	243	92	20
Egypt	1,083	136	26	24	242	306	222	91	30	6
Nigeria	296	26	7	16	55	121	47	16	5	3
South Africa	1,738	63	38	135	456	486	356	136	57	11
Others & Unspecified Residences	17,833	1,141	358	1,003	4,562	5,245	3,473	1,313	660	78
Overseas Filipinos [3]	174,277	7,823	3,094	10,208	58,033	49,273	25,173	10,937	9,139	597

[1] - Prior to January 1998, Laos and Myanmar were lumped under "Others".

[2] - Prior to August 1995, statistics from Vietnam was lumped under "Others".

[3] - Philippine Passport holders permanently residing abroad; exclude overseas Filipino Workers

Source: Department of Tourism.

Table 8.4
AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND PURPOSE OF TRAVEL
1986 to 1998

Year/Travel Market	Total	Holiday	Visit Friends & Relatives	Incentive Travel	Business	Official Mission	Convention	Health	Others	Not Reported
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	1,133,215	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
1998	2,092,245	835,656	587,748	212	408,378	2,825	33,365	-	94,470	129,591
ASIA	976,684	524,295	91,904	107	221,176	1,659	18,456	-	36,905	82,182
Asean	129,080	44,209	11,711	20	50,563	316	8,851	-	8,304	5,106
Brunei	2,671	1,388	459	0	194	28	229	-	278	95
Indonesia	11,593	3,053	1,346	3	3,065	28	1,444	-	1,753	901
Laos [1]	448	14	17	0	30	43	163	-	156	25
Malaysia	48,025	22,185	3,286	1	16,347	63	2,311	-	2,184	1,648
Myanmar [1]	1,289	142	179	0	131	41	182	-	420	194
Singapore	47,608	13,904	4,316	15	24,755	62	2,257	-	1,338	961
Thailand	14,370	3,347	1,861	1	5,056	49	1,557	-	1,478	1,021
Vietnam [2]	3,076	176	247	0	985	2	708	-	697	261
East Asia	802,798	464,081	75,006	81	158,884	1,153	7,564	-	23,216	72,813
China	18,825	5,033	1,438	2	3,520	23	485	-	781	7,543
Hong Kong	161,623	101,007	10,730	16	27,043	130	1,482	-	2,795	18,420
Japan	357,301	215,170	39,910	26	74,368	796	2,851	-	8,269	15,911
Korea	80,037	19,690	11,900	29	30,783	73	1,810	-	8,780	6,972
Taiwan	185,012	123,181	11,028	8	23,170	131	936	-	2,591	23,967
South Asia	25,064	5,134	2,832	5	8,002	159	1,815	-	4,349	2,768
Bangladesh	2,022	311	227	0	444	30	164	-	673	173
India	17,136	3,481	1,750	4	6,346	69	1,011	-	2,276	2,199
Nepal	1,152	182	157	0	110	17	233	-	411	42
Pakistan	2,818	704	497	1	627	26	199	-	524	240
Sri Lanka	1,936	456	201	0	475	17	208	-	465	114
Middle East	19,742	10,871	2,355	1	3,727	31	226	-	1,036	1,495
Bahrain	1,070	614	234	0	126	1	9	-	22	64
Iran	1,017	234	268	1	174	1	28	-	226	85
Israel	3,696	1,827	255	0	1,182	5	110	-	190	127
Jordan	585	208	115	0	193	1	6	-	37	25
Kuwait	1,209	531	278	0	160	0	16	-	69	155
Saudi Arabia	10,996	6,876	904	0	1,765	23	47	-	457	924
United Arab Emirates	1,169	581	301	0	127	0	10	-	35	115
AMERICA	532,262	132,622	258,587	67	75,701	494	5,692	-	40,329	18,770
North America	527,414	130,824	257,651	67	74,561	485	5,362	-	39,962	18,502
Canada	65,424	23,198	25,572	4	9,255	90	734	-	4,336	2,235
U S A	461,990	107,626	232,079	63	65,306	395	4,628	-	35,626	16,267
Central America	1,300	403	199	0	476	2	83	-	99	38
Mexico	1,300	403	199	0	476	2	83	-	99	38

Table 8.4 (continued)

Year/Travel Market	Total	Holiday	Visit Friends & Relatives	Incentive Travel	Business	Official Mission	Convention	Health	Others	Not Reported
South America	3,548	1,395	737	0	664	7	247	-	268	230
Argentina	692	276	70	0	188	6	87	-	37	28
Brazil	1,679	667	428	0	284	1	85	-	91	123
Colombia	535	207	107	0	79	0	30	-	62	50
Peru	351	138	102	0	36	0	19	-	36	20
Venezuela	291	107	30	0	77	0	26	-	42	9
EUROPE	291,799	135,440	53,173	20	79,399	420	5,010	-	9,747	8,590
Western Europe	134,570	65,835	26,131	10	32,379	200	1,877	-	4,416	3,722
Austria	8,704	4,623	2,482	1	1,079	6	51	-	215	247
Belgium	7,295	2,883	1,618	1	2,044	30	195	-	284	240
France	24,510	10,913	2,633	3	8,617	37	674	-	1,038	595
Germany	60,618	31,506	12,315	1	12,689	88	544	-	1,698	1,777
Luxembourg	250	119	58	0	53	1	4	-	10	5
Netherlands	16,573	6,442	3,685	3	5,110	20	262	-	695	356
Switzerland	16,620	9,349	3,340	1	2,787	18	147		476	502
Northern Europe	128,346	57,290	22,681	5	39,562	164	2,204	-	3,487	2,953
Denmark	10,899	6,672	1,241	0	2,253	12	143	-	283	295
Finland	3,116	1,011	271	0	1,524	15	159	-	90	46
Ireland	3,410	1,515	452	0	1,100	2	125	-	135	81
Norway	7,602	3,256	2,219	0	1,485	11	80	-	259	292
Sweden	10,705	5,093	1,832	1	3,096	19	146	-	265	253
United Kingdom	92,614	39,743	16,666	4	30,104	105	1,551	-	2,455	1,986
Southern Europe	25,752	11,109	4,203	3	6,624	44	801	-	1,375	1,593
Greece	1,070	320	129	2	447	4	32	-	67	69
Italy	13,736	5,503	2,295	0	4,111	21	363	-	602	841
Portugal	2,703	1,954	175	0	334	3	51	-	55	131
Spain	7,675	3,068	1,568	1	1,575	16	333	-	590	524
Slovenia/Croatia/ Others [1]	568	264	36	0	157	0	22	-	61	28
Eastern Europe	3,131	1,206	158	2	834	12	128	-	469	322
Commonwealth of Independent States	2,483	863	83	2	721	11	110	-	401	292
Poland	648	343	75	0	113	1	18	-	68	30
OCEANIA	96,273	29,211	32,957	8	25,801	134	2,816	-	3,597	1,749
Australia	84,607	25,844	30,100	8	21,846	120	2,191	-	2,970	1,528
Guam	195	25	105	0	1	0	3	-	27	34
Nauru	205	76	16	0	26	0	18	-	56	13
New Zealand	10,222	3,018	2,653	0	3,617	13	430	-	364	127
Papua New Guinea	1,044	248	83	0	311	1	174	-	180	47
AFRICA	3,117	1,116	345	6	1,027	12	195	-	229	187
Eygpt	1,083	360	199	1	291	3	21	-	83	125
Nigeria	296	53	36	2	45	8	45	-	85	22
South Africa	1,738	703	110	3	691	1	129	-	61	40
Others & Unspecified Residences	17,833	7,254	1,920	3	3,925	97	1,119	-	2,371	1,144
Overseas Filipinos [3]	174,277	5,718	148,862	1	1,349	9	77	-	1,292	16,969

[1] - Prior to January 1998, Laos and Myanmar were lumped under "Others".
[2] - Prior to August 1995, statistics from Vietnam was lumped under "Others".
[3] - Philippine Passport holders permanently residing abroad; exclude overseas Filipino Workers

Source: Department of Tourism.

Table 8.5
NUMBER OF VISITOR ARRIVALS AND AMOUNT OF VISITOR RECEIPTS
1994 to 1998

Year	Foreign Visitors				Overseas Filipinos				Total
	Number	Ave. Daily Expenditure (in US$)	Average Length of Stay	Total Receipts (in Million US$)	Number	Ave. Daily Expenditure (in US$)	Average Length of Stay	Total Receipts (in Million US$)	Visitor 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
1998	1,975,080	130.82	8.44	2,166.12	174,277	67.44	19.68	246.76	2,412.88
January	176,966	100.16	9.68	161.72	9,366	49.65	18.98	8.83	170.55
February	165,992	137.32	7.42	186.26	8,006	98.14	15.96	12.54	198.80
March	177,103	135.35	7.47	196.98	10,697	85.28	14.32	13.06	210.04
April	162,741	128.76	8.54	159.36	13,489	69.45	18.90	17.70	177.06
May	148,643	131.35	9.60	189.11	12,038	60.80	22.38	16.38	205.49
June	147,079	117.84	8.21	153.72	14,491	54.84	20.13	16.00	169.72
July	166,206	111.35	9.75	174.47	9,597	60.18	18.82	10.87	185.34
August	160,952	143.34	8.74	193.85	8,729	48.52	24.15	10.23	204.08
September	155,089	148.84	6.52	145.45	10,496	85.88	19.05	17.17	162.62
October	160,331	133.27	10.04	198.05	13,869	81.26	16.09	18.13	216.18
November	171,904	147.01	8.12	216.26	28,464	68.06	19.30	37.39	253.65
December	182,074	140.13	6.84	190.89	35,035	95.50	20.46	68.46	259.35

Source: Department of Tourism.

Table 8.6
AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY
1980 to 1998

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
1998	13,320	6,771	2,578	2,946	1,025
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
1998	56.92	60.35	54.64	53.25	50.54

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, food consumption and nutrient intake.

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 occurence, 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 1994
(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 [b]	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 [b]	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 [b]	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 [b]	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 [b]	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 [b]	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
1994	490,135	14.3	101,382	22.8	9,974	15.4	27,965	14.2	17,504	13.2	57,206	16.4	71,618	15.2	27,407

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	Rate
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	...	...
0.8	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	...	...
.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	...	...
2.9	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
12.5	38,537	12.8	35,178	13.6	18,573	10.8	15,067	10.7	26,138	13.0	32,253	12.6	10,597	9.1	736	0.7

Figure 9.1 *NUMBER OF REGISTERED LIVE BIRTHS AND DEATHS BY REGION: 1994*

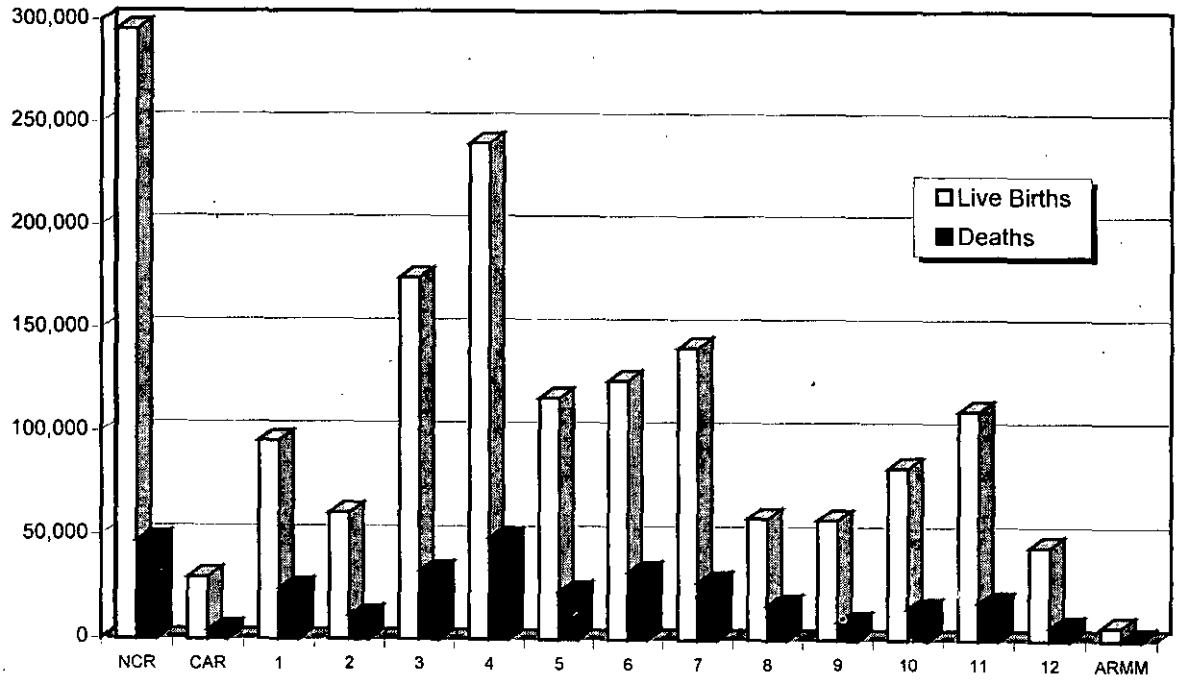

Figure 9.2 *INFANT MORTALITY RATE BY REGION: 1995*

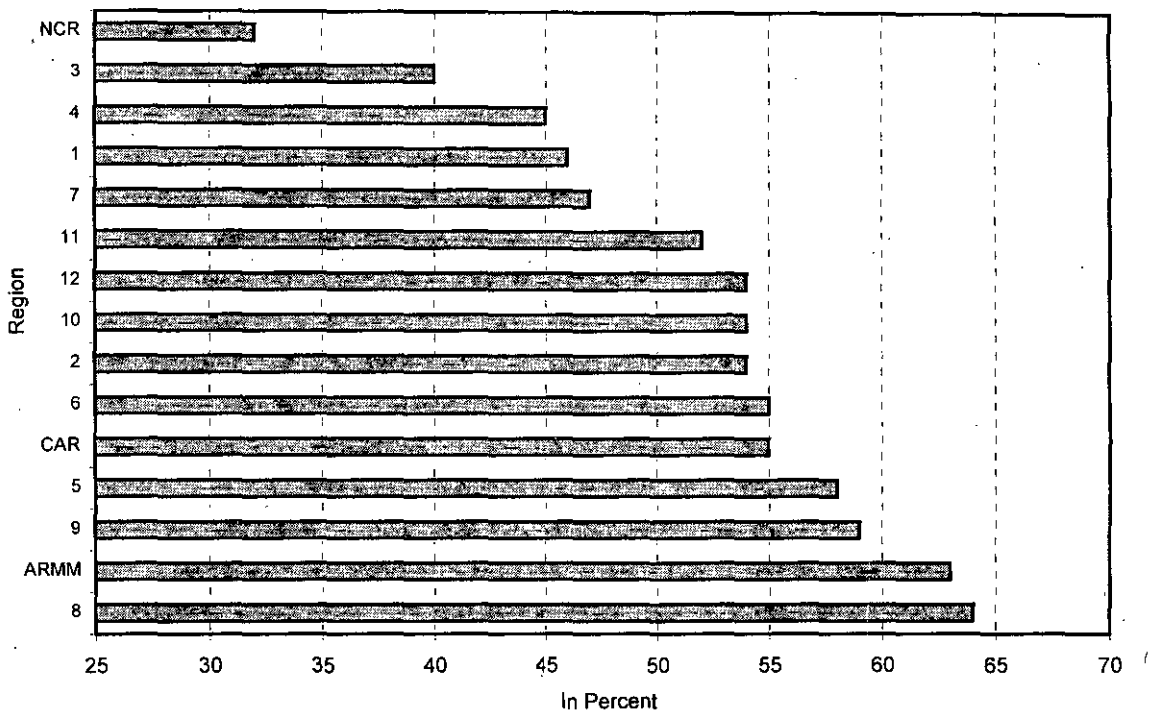

Table 9.2
LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER ONE YEAR, MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES 1970 to 1994

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
1994	1,643,707	321,440	31,073	1,791	9,291

Table 9.3
NUMBER OF REGISTERED LIVE BIRTHS AND RATE BY REGION
1970 to 1994
(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	Number
1970	966,762	26.4	[a]	0.0	-	-	94,644	31.6	48,590	28.8	113,881	30.7	288,997 [b]	34.7	74,048
1971	963,749	25.4	[a]	0.0	-	-	97,234	31.8	51,093	29.4	113,008	29.4	290,958 [b]	33.6	71,918
1972	968,385	24.8	[a]	0.0	-	-	96,026	30.8	51,105	28.7	115,311	29.0	290,100 [b]	32.3	76,801
1973	1,049,290	26.2	[a]	0.0	-	-	97,723	30.7	55,679	30.3	120,072	29.2	303,370 [b]	32.5	87,206
1974	1,081,073	26.2	[a]	0.0	-	-	95,964	29.6	55,385	29.4	121,159	28.5	301,081 [b]	31.1	88,882
1975	1,223,837	29.1	[a]	0.0	-	-	100,606	30.8	64,128	33.2	138,770	33.0	318,680 [b]	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
1994	1,643,499	24.0	295,916	33.2	30,043	23.2	95,932	24.3	61,135	23.1	174,872	25.0	240,379	25.4	116,563

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
26.5	125,051	20.7	141,162	27.3	58,794	17.1	57,993	20.6	83,199	20.8	110,526	21.6	45,297	19.5	6,637	3.2

Table 9.4
NUMBER OF REGISTERED DEATHS AND RATE BY REGION
1970 to 1994
(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	Number
1970	234,038	6.4	[a]	0.0	-	-	22,441	7.5	11,211	6.6	23,163	6.2	61,235 [b]	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 [b]	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 [b]	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 [b]	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 [b]	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 [b]	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
1994	321,341	4.7	47,383	5.3	4,354	3.4	24,646	6.3	11,553	4.4	32,999	4.7	49,045	5.2	23,282

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	Rate
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
5.3	32,799	5.5	28,083	5.5	16,889	4.9	8,856	3.2	15,362	3.9	18,492	3.6	6,562	2.8	1,036	0.5

Table 9.5
MORTALITY BY AGE, SEX AND BY REGION
1994

Age Group	Philippines			National Capital Region			Cordillera Administrative Region		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
All Ages	321,341	129,568	191,773	47,383	18,952	28,431	4,354	1,632	2,722
Under 1 year	31,073	12,835	18,238	6,372	2,617	3,755	374	150	224
1- 4 years	13,987	6,270	7,717	1,779	798	981	107	46	61
5- 9 years	6,148	2,686	3,462	639	279	360	78	35	43
10-14 years	4,966	2,039	2,927	568	215	353	77	21	56
15-19 years	6,371	2,279	4,092	850	301	549	103	32	71
20-24 years	9,019	2,700	6,319	1,633	402	1,231	139	29	110
25-29 years	10,401	3,157	7,244	1,970	492	1,478	135	29	106
30-34 years	11,172	3,559	7,613	1,945	582	1,363	167	40	127
35-39 years	12,150	3,804	8,346	2,118	608	1,510	174	49	125
40-44 years	13,497	4,307	9,190	2,347	784	1,563	188	49	139
45-49 years	14,776	4,646	10,130	2,500	793	1,707	192	58	134
50-54 years	16,871	5,539	11,332	2,533	881	1,652	223	76	147
55-59 years	19,390	6,340	13,050	2,960	1,039	1,921	279	97	182
60-64 years	23,203	8,403	14,800	3,436	1,282	2,154	354	131	223
65-69 years	23,512	9,075	14,437	3,504	1,391	2,113	326	130	196
70-74 years	25,602	12,101	13,501	3,434	1,554	1,880	361	132	229
75-79 years	14,732	6,904	7,828	3,010	1,483	1,527	341	167	174
80-84 years	15,696	8,323	7,373	2,883	1,641	1,242	341	155	186
85 years & over	26,778	15,327	11,451	2,727	1,741	986	372	196	176
Not stated	569	200	369	175	69	106	23	10	13

Age Group	Region 6			Region 7			Region 8		
	Both Sexes	Female	Male	Both Sexes	Female	Male*	Both Sexes	Female	Male
All Ages	32,799	13,082	19,717	28,083	12,278	15,805	16,889	7,204	9,685
Under 1 year	2,475	964	1,511	2,779	1,132	1,647	1,355	586	769
1- 4 years	1,174	522	652	1,241	573	668	1,112	499	613
5- 9 years	569	243	326	561	259	302	484	226	258
10-14 years	476	195	281	393	180	213	321	141	180
15-19 years	615	212	403	517	198	319	333	112	221
20-24 years	913	252	661	643	245	398	449	164	285
25-29 years	969	296	673	699	265	434	480	169	311
30-34 years	1,082	327	755	812	311	501	533	204	329
35-39 years	1,148	350	798	852	313	539	553	192	361
40-44 years	1,347	389	958	996	350	646	621	206	415
45-49 years	1,458	438	1,020	1,068	362	706	655	208	447
50-54 years	1,745	578	1,167	1,364	510	854	862	317	545
55-59 years	2,082	669	1,413	1,589	578	1,011	965	344	621
60-64 years	2,354	858	1,496	2,073	820	1,253	1,188	485	703
65-69 years	2,344	931	1,413	2,085	892	1,193	1,280	509	771
70-74 years	2,802	1,154	1,648	2,484	1,177	1,307	1,630	737	893
75-79 years	2,710	1,244	1,466	2,360	1,108	1,252	1,292	595	697
80-84 years	3,328	1,651	1,677	2,788	1,457	1,331	1,522	807	715
85 years & over	3,167	1,797	1,370	2,715	1,523	1,192	1,232	695	537
Not stated	41	12	29	64	25	39	22	8	14

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
24,646	10,515	14,131	11,553	4,529	7,024	32,999	13,475	19,524	49,045	19,439	29,606	23,282	9,676	13,606
2,245	937	1,308	1,139	475	664	2,708	1,133	1,575	5,261	2,171	3,090	2,151	890	1,261
928	406	522	464	190	274	1,078	472	606	2,281	1,022	1,259	1,508	723	785
372	161	211	198	77	121	513	212	301	902	408	494	599	269	330
324	127	197	213	78	135	468	203	265	774	312	462	441	210	231
392	157	235	257	105	152	619	211	408	972	333	639	514	202	312
480	162	318	319	103	216	853	257	596	1,344	401	943	615	196	419
621	196	425	380	114	266	1,007	317	690	1,586	484	1,102	634	237	397
675	229	446	421	121	300	1,091	362	729	1,706	537	1,169	668	269	399
766	253	513	433	139	294	1,190	398	792	1,930	584	1,346	718	262	456
839	270	569	500	148	352	1,304	447	857	2,091	635	1,456	822	290	532
1,015	300	715	548	177	371	1,592	537	1,055	2,356	730	1,626	957	317	640
1,212	381	831	586	178	408	1,736	580	1,156	2,592	796	1,796	1,053	344	709
1,283	400	883	710	216	494	2,191	706	1,485	2,831	885	1,946	1,222	393	829
1,558	543	1,015	806	266	540	2,613	925	1,688	3,513	1,210	2,303	1,577	564	1,013
1,680	634	1,046	826	308	518	2,568	940	1,628	3,554	1,367	2,187	1,660	605	1,055
2,129	893	1,236	986	427	559	2,708	1,116	1,592	3,937	1,672	2,265	1,868	730	1,138
2,013	964	1,049	848	400	448	2,633	1,217	1,416	3,696	1,706	1,990	2,001	909	1,092
2,586	1,393	1,193	926	451	475	2,934	1,560	1,374	3,874	2,035	1,839	2,152	1,088	1,064
3,500	2,094	1,406	981	553	428	3,124	1,858	1,266	3,786	2,135	1,651	2,109	1,173	936
28	15	13	12	3	9	69	24	45	59	16	43	13	5	8

Region 9			Region 10			Region 11			Region 12			ARMM		
Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
8,856	3,276	5,580	15,362	5,877	9,485	18,492	6,969	11,523	6,562	2,411	4,151	1,036	253	783
878	379	499	1,375	579	796	1,419	605	814	511	210	301	31	7	24
435	186	249	724	328	396	855	375	480	282	119	163	19	11	8
158	65	93	396	163	233	487	209	278	170	71	99	22	9	13
166	59	107	249	105	144	375	146	229	106	43	63	15	4	11
204	67	137	336	110	226	461	169	292	171	62	109	27	8	19
260	68	192	485	155	330	622	194	428	230	64	166	34	8	26
337	98	239	525	171	354	715	205	510	287	72	215	56	12	44
376	100	276	555	175	380	750	210	540	315	77	238	76	15	61
425	125	300	643	188	455	800	236	564	316	86	230	84	21	63
466	128	338	664	199	465	908	300	608	319	95	224	85	17	68
413	129	284	711	212	499	914	277	637	326	92	234	71	16	55
529	164	365	866	254	612	1,070	343	727	403	114	289	97	23	74
573	189	384	973	287	686	1,197	367	830	464	155	309	71	15	56
653	241	412	1,162	411	751	1,378	489	889	462	164	298	76	14	62
629	219	410	1,111	427	684	1,430	526	904	454	173	281	61	23	38
618	248	370	1,134	462	672	1,451	643	808	456	201	255	74	19	55
575	244	331	1,170	506	664	1,259	523	736	443	193	250	58	11	47
591	291	300	1,203	586	617	1,352	622	730	459	219	240	38	11	27
552	273	279	1,065	557	508	1,033	526	507	385	199	186	30	7	23
18	3	15	15	2	13	16	4	12	3	2	1	11	2	9

Table 9.6a
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 [a]		
	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

Source: Department of Health.

Table 9.6b
MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES AND PERCENT OF TOTAL DEATHS, PHILIPPINES
1990 to 1994 and 1995
(Crude death rate per 100,000 population)

Cause	5 - Year Average (1990 - 1994)			1995 [b]		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Diseases of the heart	48,113	73.7	15.3	50,252	73.2	15.5
2. Diseases of the vascular system	35,735	54.7	11.4	38,592	56.2	11.9
3. Pneumonias	36,746	56.3	11.7	33,637	49.0	10.4
4. Malignant neoplasms	24,404	37.4	7.8	28,487	41.5	8.8
5. Tuberculosis, all forms	24,470	37.5	7.8	27,053	39.4	8.3
6. Accidents	10,895	16.7	3.5	15,786	23.0	4.9
7. Chronic obstructive pulmonary diseases and allied conditions	10,650	16.3	3.4	11,309	16.5	3.5
8. Other diseases of the respiratory system	7,435	11.4	2.4	6,747	9.8	2.1
9. Diabetes Mellitus	6,105	9.3	1.9	6,724	9.8	2.1
10 . Diarrheal diseases	6,375	8.3	2.0	5,600	9.7	2.0

[a] - Based on projected population = 68,624,247.
[b] - Based on projected population = 68,616,536.
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	[a]	-	5,103	3,099	5,964	16,904 [b]	4,306	5,008	5,334	2,991	1,840	3,234	2,979	1,208	...
1971	59,730	[a]	-	5,398	3,779	5,972	17,877 [b]	4,841	5,474	5,040	3,201	1,573	3,028	2,528	1,019	...
1972	65,719	[a]	-	5,998	4,029	6,807	19,479 [b]	4,961	6,144	5,637	3,201	1,828	3,446	3,255	934	...
1973	67,862	[a]	-	5,875	4,253	6,593	18,545 [b]	6,336	6,357	6,315	3,550	1,970	3,618	2,964	1,486	...
1974	63,491	[a]	-	5,204	4,022	6,248	17,940 [b]	5,216	6,092	5,565	3,523	1,777	3,300	3,404	1,200	...
1975	65,263	[a]	-	5,372	4,070	6,534	17,668 [b]	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	31,074	6,373	374	2,245	1,139	2,708	5,261	2,151	2,475	2,779	1,355	878	1,375	1,419	511	31

[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.

Figure 9.3 PROJECTED TOTAL FERTILITY RATES BY SINGLE YEAR INTERVAL BY REGION, 1999

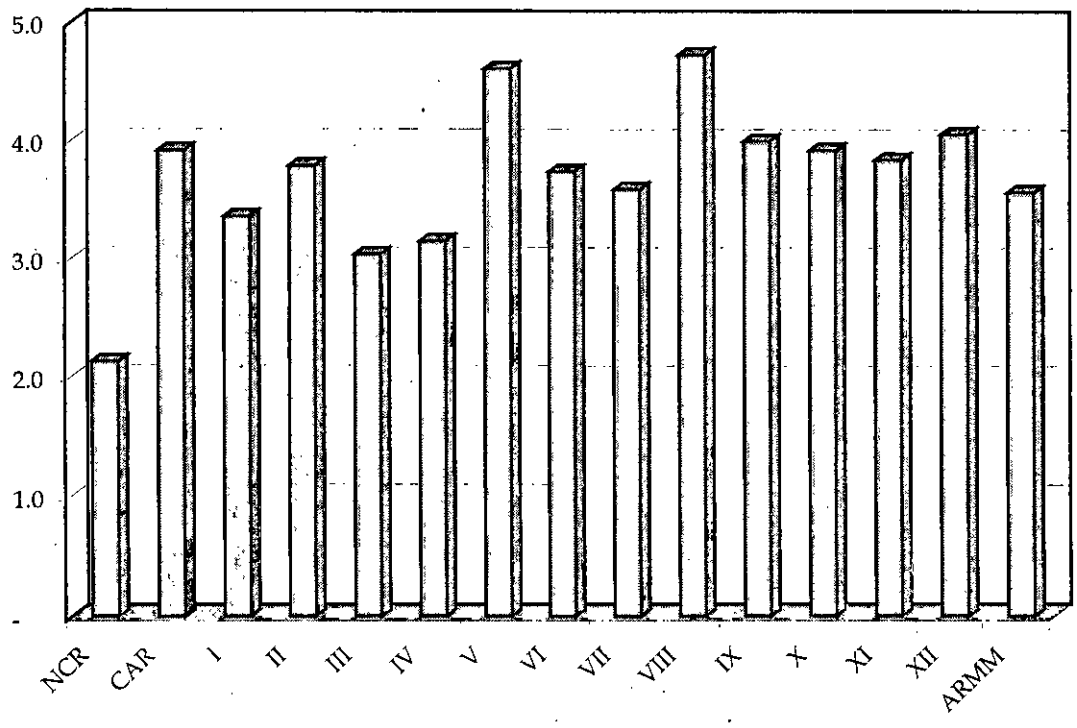

Table 9.13
PROJECTED LIFE EXPECTANCY AT BIRTH BY SEX AND BY REGION
1995 to 2005
(Medium Assumption)

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 9.4 TEN LEADING CAUSES OF MORTALITY, PHILIPPINES: 1995

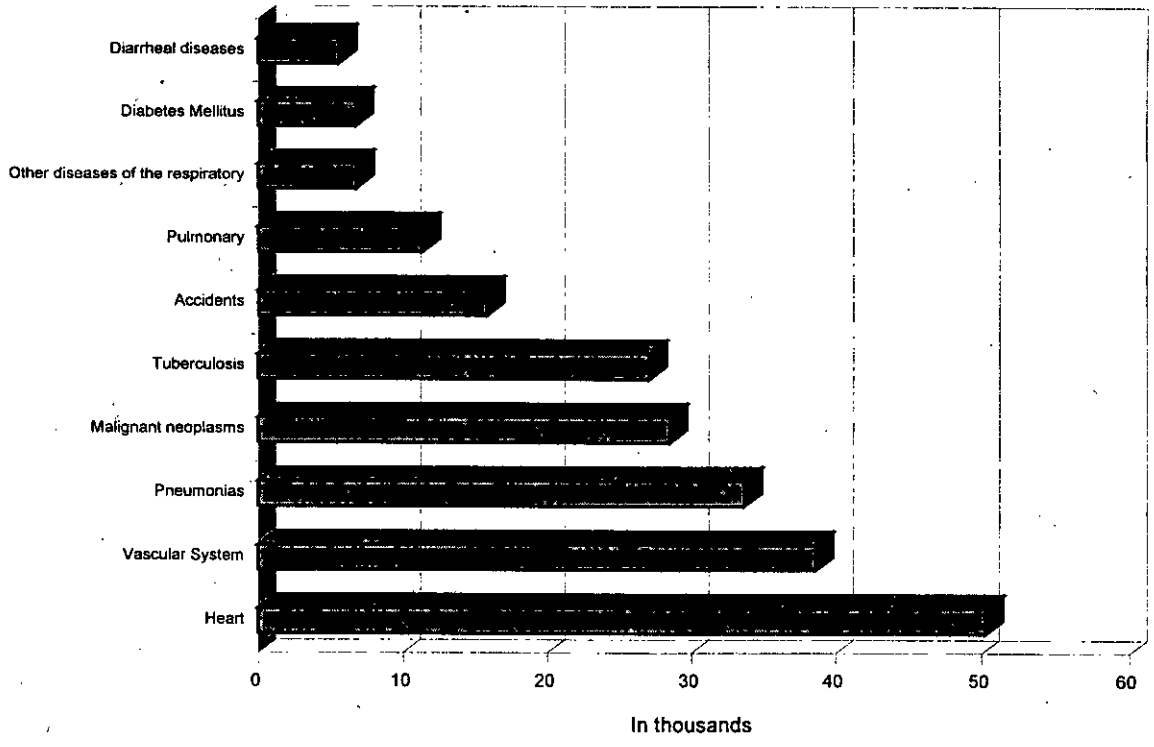

Figure 9.5 TEN LEADING CAUSES OF MORBIDITY, PHILIPPINES: 1995

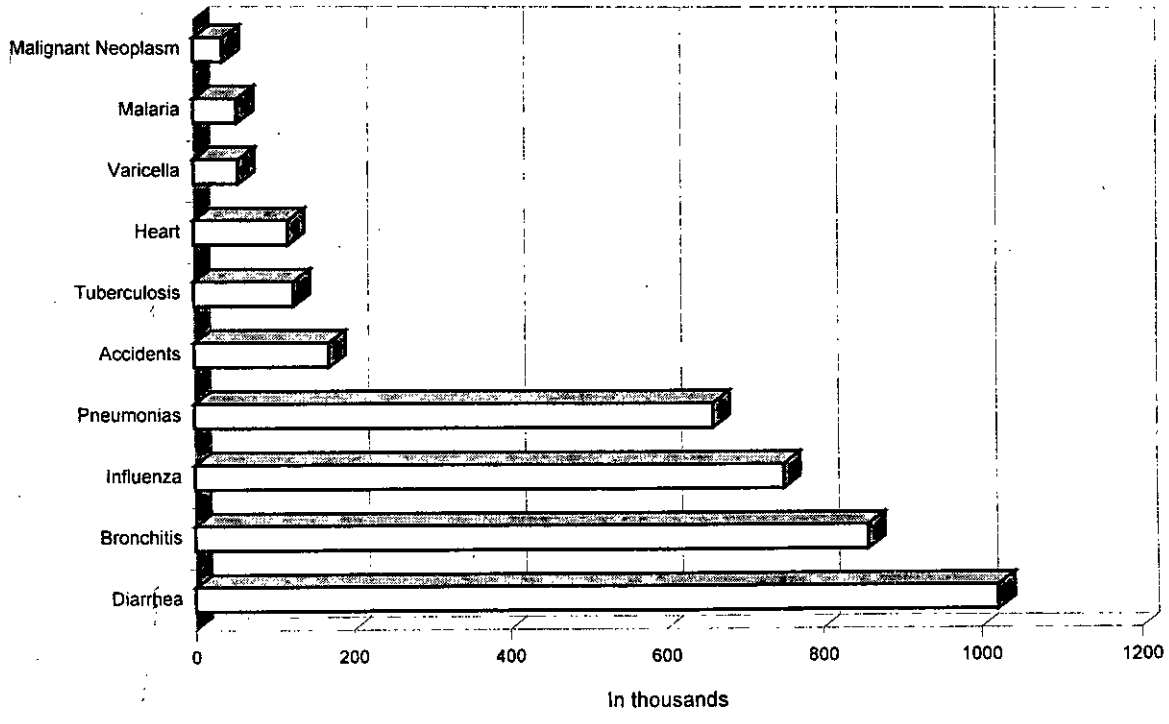

Table 9.14
TEN LEADING CAUSES OF INFANT DEATHS, NUMBER AND RATES, PHILIPPINES 1990 to 1995
(Rate per 1,000 livebirths)

Leading Causes of Infant Deaths	5 - Year Average (1990-1994)		1995	
	Number	Rate	Number	Rate
1. Pneumonias	8,006	4.8	6,283	...
2. Respiratory conditions of fetus and newborn	5,594	3.4	5,451	...
3. Congenital anomalies	2,262	1.4	4,002	...
4. Birth injury and difficult labor	632	0.4	1,716	...
5. Diarrheal diseases	3,316	2.0	1,444	...
6. Septicemia	1,195	0.7	939	...
7. Meningitis	1,325	0.8	471	...
8. Avitaminoses and other nutritional deficiency	1,109	0.7	422	...
9. Other diseases of respiratory system	439	0.3	398	...
10. Measles	924	0.6	338	...

Note: No available data on number of livebirths for 1995.
Source: Department of Health.

Table 9.15
TEN LEADING CAUSES OF MORBIDITY, NUMBER AND CRUDE RATES: PHILIPPINES 1990 to 1995
(Rate per 100,000 population)

Leading Causes of Morbidity	5-Year Average (1990-1994)		1995	
	Number	Rate	Number	Rate
1. Bronchitis	938,594	1,436.9	1,021,789	1,489.1
2. Diarrheal diseases	1,151,790	1,763.2	857,970	1,250.4
3. Influenza	593,591	908.7	750,932	1,094.4
4. Pneumonias	398,758	610.4	661,404	963.9
5. Accidents	141,077	216.0	170,500	248.5
6. Tuberculosis, all forms	97,600	149.4	125,776	183.3
7. Diseases of the heart	148,845	227.9	118,951	173.4
8. Varicella	55,424	84.8	56,285	82.0
9. Malaria	57,257	87.7	54,809	79.9
10. Malignant Neoplasm	38,876	59.5	36,681	53.5

Source: Department of Health.

Table 9.16
NOTIFIABLE DISEASES AND DEATHS BY CAUSE, PHILIPPINES
1986 to 1995

Notifiable Diseases	1986		1987		1988		1989	
	Reported		Reported		Reported		Reported	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cholera	0	0	0	0	0	0	0	0
Typhoid & Paratyphoid fever and other salmonella infections	13,764	1,024	15,290	1,121	15,830	1,356	17,794	1,233
Diarrheas	538,849	9,815	591,858	9,468	624,355	9,155	741,733	6,893
Tuberculosis	153,129	30,604	163,740	28,697	183,113	27,020	206,508	26,300
Leprosy	1,815	81	1,766	63	1,661	86	4,228	95
Diphtheria	1,630	261	1,443	245	1,202	186	1,297	117
Whooping Cough	16,139	31	8,856	26	7,814	14	9,466	12
Tetanus	3,381	1,034	2,910	1,026	3,199	1,069	3,102	1,040
Acute Poliomyelitis	375	45	327	43	344	40	335	32
Varicella	3,121	4	6,336	15	6,767	12	16,931	23
Measles	59,375	6,249	81,896	12,431	70,801	7,775	68,496	6,734
H-Fever	1,623	191	1,696	243	2,821	300	2,240	199
Infectious Hepatitis	14,523	728	16,084	817	16,125	825	14,761	850
Malaria	124,153	1,156	121,097	1,226	114,679	1,176	125,114	989
Syphilis	69	8	62	9	99	9	99	9
Gonococcal Infections	11,731	0	11,361	0	8,342	0	8,635	0
Schistosomiasis	11,074	281	13,892	288	12,273	301	25,699	273
Filariasis	300	1	351	0	290	0	188	1
Malignant Neoplasms	26,985	18,395	27,195	20,367	28,940	21,184	33,777	21,933
Bronchitis	602,851	1,985	642,777	1,814	759,511	1,438	893,550	1,105
Pneumonias	190,208	50,621	183,143	52,700	201,902	47,444	232,056	46,268
Influenza	397,715	1,221	495,161	1,151	576,404	791	773,802	770
Accidents	105,886	10,348	114,445	11,630	110,805	11,456	150,257	11,753
Diseases of the Heart	78,516	39,163	79,214	38,840	76,221	40,566	98,813	44,856
AIDS								

Source: Department of Health.

Table 9.16 (continued)

1990		1991		1992		1993		1994		1995	
Reported		Reported		Reported		Reported		Reported		Reported	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
0	0	1,263	97	1,402	176	1,988	107	1,807	289	1,097	95
15,720	1,045	13,844	1,076	16,497	962	19,609	1,120	20,946	1,207	20,995	1,023
927,860	6,396	984,713	4,552	1,045,615	4,799	1,337,449	4,510	1,376,669	6,886	859,182	4,057
152,688	24,307	123,281	22,814	136,981	20,132	159,049	24,580	167,763	27,292	119,181	27,053
2,827	65	2,028	68	1,887	50	2,430	99	2,658	88	1,711	68
921	115	1,028	62	680	62	867	56	1,053	51	557	40
4,135	9	4,829	9	3,792	8	5,628	4	5,900	9	1,356	12
2,286	989	2,312	1,022	2,216	892	2,778	1,008	2,908	810	1,393	803
98	23	362	14	444	22	600	34	408	38	104	18
33,177	20	42,909	12	62,327	29	71,317	29	76,526	71	50,940	103
42,938	3,499	35,582	2,228	54,570	3,193	85,345	2,989	48,606	1,024	23,382	1,121
4,836	363	11,317	401	9,108	441	21,146	530	22,198	464	12,121	566
14,709	936	12,972	401	14,269	826	22,634	1,034	16,942	1,067	10,072	1,152
73,625	913	48,761	924	46,614	864	49,506	811	58,627	786	56,285	643
151	3	232	2	60	8	136	6	232	4	181	13
6,374	0	4,112	2	198	0	2,158	0	2,876	2	2,200	1
14,781	272	26,702	249	9,194	235	12,393	258	12,689	275	8,686	231
286	1	1,026	2	1,423	2	1,546	3	1,450	2	615	4
33,702	21,979	34,584	22,307	36,550	20,176	40,155	25,216	49,531	28,110	36,681	28,487
980,557	1,008	891,562	562	770,396	378	903,508	253	1,740,366	226	1,027,789	171
235,947	41,181	275,513	36,705	401,025	36,626	470,574	35,582	614,353	28,132	666,074	33,637
544,768	605	462,915	496	510,190	401	609,471	455	839,683	404	750,923	313
133,737	12,002	63,028	123	135,247	63	162,087	13,477	211,092	14,752	171,548	15,786
99,688	46,332	63,815	8,100	71,027	7,391	111,874	48,582	141,295	50,307	118,676	50,252
		71	0	64	10	42	11	84	29	52	22

Table 9.17
GOVERNMENT AND PRIVATE HOSPITALS: NUMBER AND BED CAPACITY, PHILIPPINES FY 1963-64 to CY 1998

Year	Number of Hospitals			Bed Capacity			Bed capacity per 10,000 population
	Total	Government	Private	Total	Government	Private	
1963-64	374	136 [a]	238 [c]	26,600	15,400	11,200	8.7
1968-69	799	318 [b]	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
1998	1,713	616	1,097	81,200	42,877	38,323	11.1

[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 [1]		% 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
1997 to 1998

Agency	1997			1998		
	New Acceptors	Continuous Users	Number of Outlets	New Acceptors	Continuous Users	Number of Outlets
Total	898,220	2,710,238	105,830	666,999	3,333,064	15,700
Family Planning Organization of the Philippines	17,103	102,999	...	36,817	149,557	102
Integrated Maternal & Child Care Services and Development, Inc.	7,001	5,520	80	NO REPORT		80
Institute of Maternal and Child Health	13,199	87,998	106	1,929	38,700	103
Reproductive Health Care Center, UP-PGH	NO REPORT			NO REPORT		2
Philippine Center for Population and Development	2,307	16,661	91	1,670	16,882	88
Philippine Federation for Natural Family Planning	NO REPORT		29	NO REPORT		442
Province of Laguna	1,241	3,847	17	829	307	17
Family Planning, AFP, DND	NO REPORT			NO REPORT		20
Comprehensive Family Planning Center, Jose Fabella Memorial Hospital	...	...	...	7,802	17,993	1
Family Planning Service, DOH	856,446	2,489,546	...	617,290	3,107,599	14,839 health facilities
Philippine Rural Reconstruction Movement	631	3,331	105,501	662	2,026	3 clinics; 105 service outlets
PNGO - Strengt. Project	NO REPORT			NO REPORT		
Gabriela Commission on Women's Health	NO REPORT			...	...	...
Womens Health Care Foundation, Inc.	292	336	6	NO REPORT		3
Likhaan	NO REPORT			NO REPORT		3

Source: Department of Health.

Table 9.21
NUMBER OF HOSPITALS BY TYPE, BY REGION
1988 to 1998

Year	Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
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
1998																	
Total	1,713	167	47	97	81	130	276	131	82	99	77	79	93	177	94	61	22
Public	616	43	29	26	38	28	102	48	54	52	46	29	22	30	18	33	18
Private	1,097	124	18	71	43	102	174	83	28	47	31	50	71	147	76	28	4

Source: Department of Health.

Table 9.22
NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS AND OTHER MEDICAL PRACTITIONERS BY REGION
1990 to 1997

Philippines	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13	ARMM
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

Philippines	NCR [a]	CAR	1 [b]	2 [b]	3 [b]	4 [b]	5 [b]	6 [b]	7	8 [b]	9 [b]	10	11	12 [b]	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	[a]
Dentists	1,668	525	40	98	61	201	206	65	110	111	22	39	39	80	21	50	[a]
Nurses	5,653	685	488	1,473	271	436	500	250	381	406	53	174	114	200	103	119	[a]
Midwives	13,750	1,102	654	974	863	1,158	1,919	956	1,570	1,306	243	680	642	861	302	520	[a]
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

Note: 1997 data for CAR is incomplete.

[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	11,646	2	516	819	544	1,206	1,486	742	1,277	1,099	718	615	526	793	524	427	352
1996	17,090	-	873	1,267	725	1,901	2,544	1,130	1,811	1,407	911	783	771	1,167	731	577	492
1997	13,096	6	510	1,308	717	1,554	1,952	884	1,298	1,101	263	637	728	763	570	453	352

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	2,385	359	85	144	98	239	275	127	161	200	165	95	124	101	49	-	163
1993	2,327	361	94	145	98	243	279	126	143	202	155	98	133	106	53	-	91
1994	2,368	366	96	147	98	252	285	129	144	202	159	99	141	106	54	-	90
1995	2,335	366	96	147	98	252	292	129	144	155	159	99	80	94	54	80	90
1996	2,856	373	114	173	118	306	319	158	178	274	199	117	117	124	77	100	109
1997	2,405	366	96	147	98	252	292	129	144	222	159	102	80	94	54	80	90

Source: Department of Health.

Table 9.25
NUMBER OF ESTABLISHMENTS INVOLVED IN FOOD AND DRUG PRODUCTION BY REGION
1996 to 1998

Classification	Total	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13
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 Susbstances	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
1998	12,143	3,429	102	451	528	454	1,705	599	353	929	497	810	428	952	890	16
Drug Manufacturer	249	157	0	4	1	17	29	0	6	20	1	3	2	8	1	0
Cosmentic Manufacturer	215	147	0	0	0	12	40	0	5	7	0	1	0	3	0	0
Medical Device Manufacturer	39	22	0	0	0	3	7	0	1	3	2	0	0	1	0	0
Drug Trader	445	394	1	3	1	[illegible]	22	0	5	7	0	4	1	0	0	0
Cosmetic Trader	122	117	0	0	1	0	3	0	0	0	0	0	0	1	0	0
Medical Device Trader	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Household/Hazardous Susbstances	285	184	0	2	6	11	45	0	0	13	1	0	3	17	3	0
Food Establishment	10,777	2,397	101	442	519	404	1,559	599	336	879	493	802	422	922	886	16

Source: Bureau of Food and Drug Administration.

Table 9-2
NUMBER OF ESTABLISHMENTS INVOLVED IN THE DISTRIBUTION OF FOOD AND DRUGS BY REGION
1995 to 1998

Classification	Total	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1995	12,595	3,823	159	565	459	1,095	1,544	413	741	945	374	378	496	812	516	275
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 Exporters	33	25	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Food Importers	539	516	1	0	0	3	6	0	2	7	0	2	0	2	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
1996	13,283	3,992	175	653	367	966	1,738	385	734	1,003	529	349	590	904	541	357
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 Exporters	28	20	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Food Importers	652	622	1	2	0	4	8	0	2	9	1	0	0	3	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
1997	13,981	4,189	194	697	416	1,084	1,836	438	836	1,081	451	444	575	1,007	401	332
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 Wholesaler	861	778	2	0	0	26	15	2	6	18	1	5	0	8	0	0
Household Hazardous	84	75	0	0	3	0	1	0	2	2	0	0	0	1	0	0
1998	15,782	4,650	216	773	486	1,407	2,126	514	915	1,261	475	484	612	1,077	433	353
Retail Drugstores	10,841	2,147	146	633	337	1,153	1,684	372	762	980	361	405	451	802	324	284
Hospital Pharmacies	1,333	177	40	46	51	133	242	75	81	95	50	49	70	106	70	48
Drug Distributors Cosmetics and Medical Device	2,468	1,297	29	93	94	86	169	65	64	164	64	29	91	163	39	21
Food Importer/Exporter Wholesaler	1,027	932	1	0	0	34	29	2	6	17	0	1	0	5	0	0
Household Hazardous	113	97	0	1	4	1	2	0	2	5	0	0	0	1	0	0

Source: Bureau of Food and Drug Administration.

Table 9.26
NUMBER OF ESTABLISHMENTS INVOLVED IN THE DISTRIBUTION OF FOOD AND DRUGS BY REGION
1995 to 1998

Classification	Total	NCR	CAR	1	2	3	4	5	6	7	8	9	10	11	12	13
1995	12,595	3,823	159	565	459	1,095	1,544	413	741	945	374	378	496	812	516	275
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 Exporters	33	25	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Food Importers	539	516	1	0	0	3	6	0	2	7	0	2	0	2	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
1996	13,283	3,992	175	653	367	966	1,738	385	734	1,003	529	349	590	904	541	357
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 Exporters	28	20	0	0	0	0	0	1	1	2	0	0	0	1	3	0
Food Importers	652	622	1	2	0	4	8	0	2	9	1	0	0	3	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
1997	13,981	4,189	194	697	416	1,084	1,836	438	836	1,081	451	444	575	1,007	401	332
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 Wholesaler	861	778	2	0	0	26	15	2	6	18	1	5	0	8	0	0
Household Hazardous	84	75	0	0	3	0	1	0	2	2	0	0	0	1	0	0
1998	15,782	4,650	216	773	486	1,407	2,126	514	915	1,261	475	484	612	1,077	433	353
Retail Drugstores	10,841	2,147	146	633	337	1,153	1,684	372	762	980	361	405	451	802	324	284
Hospital Pharmacies	1,333	177	40	46	51	133	242	75	81	95	50	49	70	106	70	48
Drug Distributors Cosmetics and Medical Device	2,468	1,297	29	93	94	86	169	65	64	164	64	29	91	163	39	21
Food Importer/Exporter Wholesaler	1,027	932	1	0	0	34	29	2	6	17	0	1	0	5	0	0
Household Hazardous	113	97	0	1	4	1	2	0	2	5	0	0	0	1	0	0

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 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[1]	Total	Government	Private[2]	Total	Government	Private[3]	Total	Government	Private
1970-71	447	13	434	23,804	22,838	966	4,111	2,125	1,986	597	37	560
1971-72	572	136	436	24,497	23,525	972	4,590	2,594	1,996	605	37	568
1972-73	-	-	-	24,497	23,525	972	4,590	2,594	1,996	620	44	576
1973-74	-	-	-	29,192	28,196	996	4,778	2,765	2,013	620	44	576
1974-75	-	-	-	30,760	29,745	1,015	4,844	2,825	2,019	691	85	606
1975-76	-	-	-	30,962	29,854	1,108	4,908	2,883	2,025	754	126	628
1976-77	-	-	-	31,134	29,976	1,158	4,897	2,865	2,032	817	168	649
1977-78	-	-	-	31,307	30,099	1,208	4,929	2,891	2,038	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	1,098	298	800
1980-81	2,229	1,404	825	31,455	30,272	1,183	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	5,441	3,438	2,003	35,184	33,076	2,108	5,903	3,569	2,334	2,210	545	1,665
1994-95	6,906	4,749	2,157	35,964	33,673	2,291	6,069	3,682	2,387	1,185	235	950
1995-96	7,355	5,056	2,299	36,800	34,257	2,543	6,205	3,717	2,488	1,286	272	1,014
1996-97	7,957	5,423	2,534	37,665	34,858	2,807	6,423	3,815	2,608	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 and the Commission on Higher Education

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
SY 1994-1995							
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
SY 1995-1996							
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
SY 1996-1997							
Pre-School	7,957	1,059	152	817	100	816	1,643
Government	5,423	357	120	681	47	497	1,058
Private	2,534	702	32	136	53	319	585
Elementary	37,665	1,058	1,290	2,397	2,041	2,862	4,775
Government	34,858	474	1,236	2,257	1,962	2,555	4,126
Private	2,807	584	54	140	79	307	649
Secondary	6,423	524	199	562	254	540	977
Government	3,815	116	120	382	160	290	518
Private	2,608	408	79	180	94	250	459
Tertiary	1,316	221	24	72	40	126	149
Government	271	17	11	9	13	17	28
Private	1,045	204	13	63	27	109	121

Notes: Data from SY 1994-1995 onwards on tertiary institutions includes only higher education institutions.
On SY 1994-1995, Region 13 (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	Region 13 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
515	963	382	158	247	55	486	300	182	82
423	813	343	97	181	44	346	204	139	73
92	150	39	61	66	11	140	96	43	9
2,996	3,306	2,846	3,473	2,183	1,640	2,285	1,443	1,502	1,568
2,890	3,156	2,716	3,410	2,126	1,522	2,073	1,343	1,453	1,559
106	150	130	63	57	118	212	100	49	9
490	525	456	407	265	280	378	255	198	113
348	364	277	324	194	145	215	148	120	94
142	161	179	83	71	135	163	107	78	19
115	101	86	70	42	56	81	72	46	15
33	41	11	41	9	7	8	9	8	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
Pre-School							
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
Elementary							
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	284,780	25,764	-	23,395	13,292	26,799	36,728
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	320,199	28,255	6,937	20,245	13,120	28,948	42,458
Secondary							
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	105,923	15,149	1,981	7,775	4,251	9,084	14,360

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).
Region 13 (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	Region 13	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	-	-
22,724	29,258	21,168	18,814	15,566	16,327	19,153	15,792	-	-
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
24,976	30,676	23,154	19,915	15,802	12,591	20,675	11,570	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
7,997	11,028	5,969	5,170	4,575	3,648	6,936	3,807	2,797	1,396

Figure 10.1 TOTAL NUMBER OF SCHOOLS BY LEVEL OF EDUCATION, PHILIPPINES: SY1987-88 TO SY 1996-97

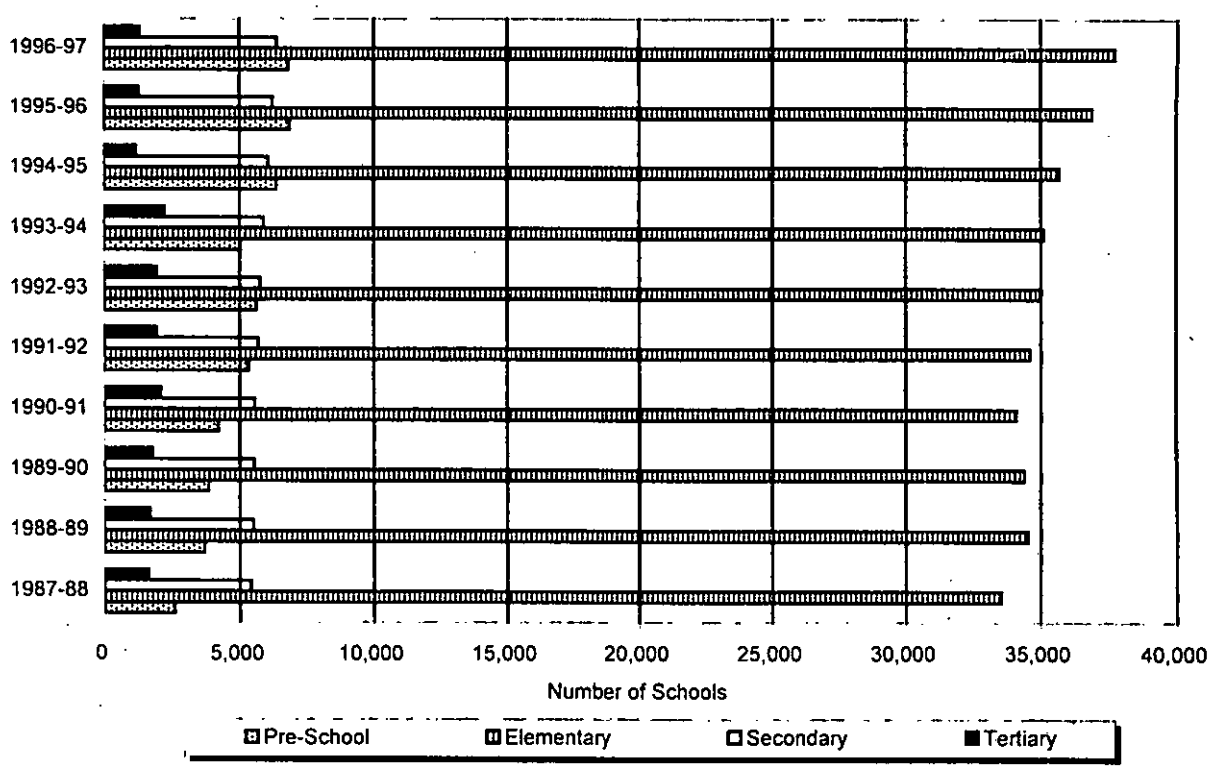

Figure 10.2 PRE-SCHOOL, ELEMENTARY & SECONDARY ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS: SY 1987-88 TO SY 1996-97

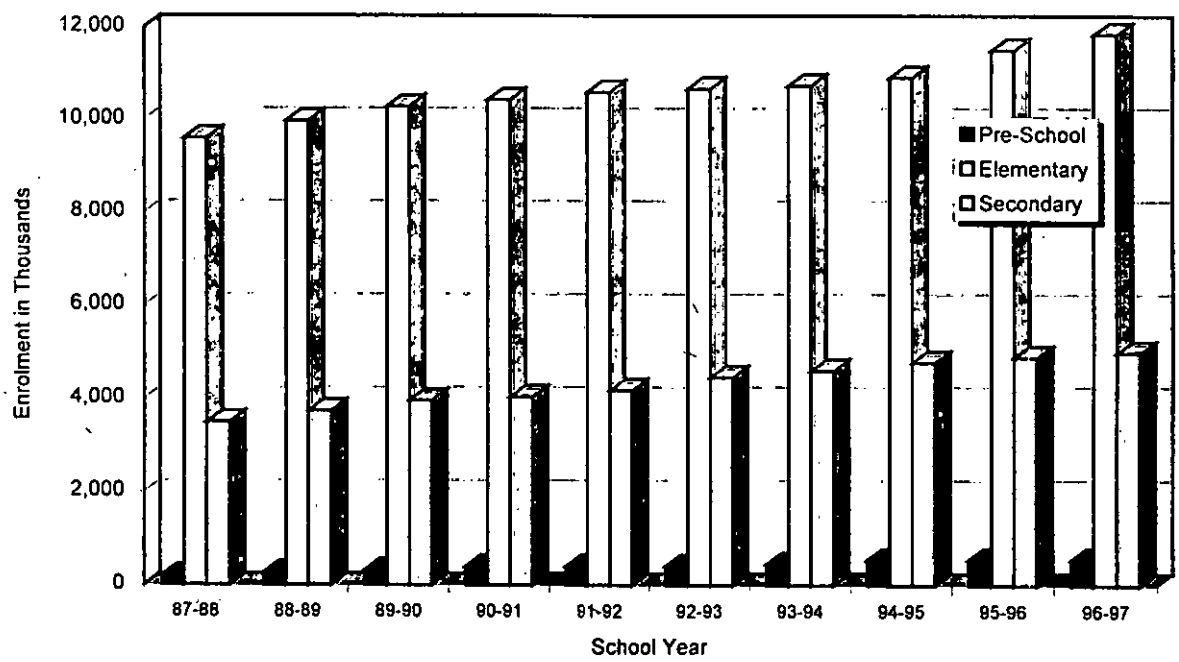

Table 10.6
PRE-SCHOOL, ELEMENTARY AND SECONDARY ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS
SY 1970-71 to SY 1996-97

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	7,022,709	6,667,644	355,065	1,875,012	863,326	1,011,686
1973-74	-	-	-	7,209,039	6,845,138	363,901	1,958,048	913,342	1,044,706
1974-75	-	-	-	7,429,249	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	34,936	79,932	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	322,740	152,351	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	4,454,908	2,926,033	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
1996-97	555,502	288,672	266,830	11,847,794	10,959,632	888,162	4,988,301	3,544,446	1,443,855

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
1994 - 1995	1,871,647	604,703	55,979	96,273	49,075	114,144
Arts and Sciences	213,211	93,606	6,531	6,005	5,122	8,214
Teacher Training & Education	232,589	21,591	7,705	17,897	12,381	25,372
Engineering and Technology	254,889	106,685	9,279	11,697	3,549	18,800
Medical and Health Related Program	273,338	108,685	10,315	20,041	2,622	14,212
Commerce/Business Management	552,511	186,803	13,420	20,537	17,413	34,015
Agriculture, Forestry, Fishery and Veterinary Medicine	62,650	3,208	3,046	2,818	3,941	3,459
Law	14,682	5,206	671	366	161	430
Religion/Theology	7,570	3,636	338	146	0	405
Information Technology	91,829	31,261	2,987	4,458	1,491	4,758
Maritime Education	131,361	35,594	0	10,364	764	2,364
Criminology Education	37,017	8,428	1,687	1,944	1,631	2,115
1995 - 1996	2,017,972	636,778	115,369	64,124	50,623	131,122
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
Discipline Group						
1996-1997	2,220,838	701,406	64,563	109,475	66,181	142,793
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	15,892	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
Architechtural 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	Region 13 Caraga	ARMM
143,685	85,917	142,981	179,260	49,752	49,821	101,913	103,211	78,246	-	16,687
15,235	9,728	11,737	13,036	4,603	6,484	10,682	9,729	11,072	-	1,427
20,254	18,242	20,153	19,145	11,043	9,576	17,521	11,731	16,006	-	3,972
14,369	7,084	13,200	28,158	6,723	6,063	11,420	10,197	7,346	-	319
21,016	11,384	15,676	24,581	2,432	5,455	14,631	11,219	8,663	-	2,406
50,200	21,418	43,826	43,623	13,962	13,149	33,505	36,529	18,634	-	5,477
3,501	5,855	5,249	3,336	6,314	2,371	3,586	5,365	7,515	-	3,086
532	1,003	1,007	2,146	664	418	700	355	1,023	-	-
704	368	439	711	189	0	163	397	74	-	-
11,452	2,874	4,337	14,820	1,241	1,724	4,130	2,187	4,109	-	-
4,512	5,749	25,739	26,126	1,573	1,847	2,886	11,438	2,405	-	-
1,910	2,212	1,618	3,578	1,008	2,734	2,689	4,064	1,399	-	-
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	55,362	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	664	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 10 LEADING DISCIPLINE GROUP IN HIGHER EDUCATION ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS, BY PROGRAM: SY 1996-1997

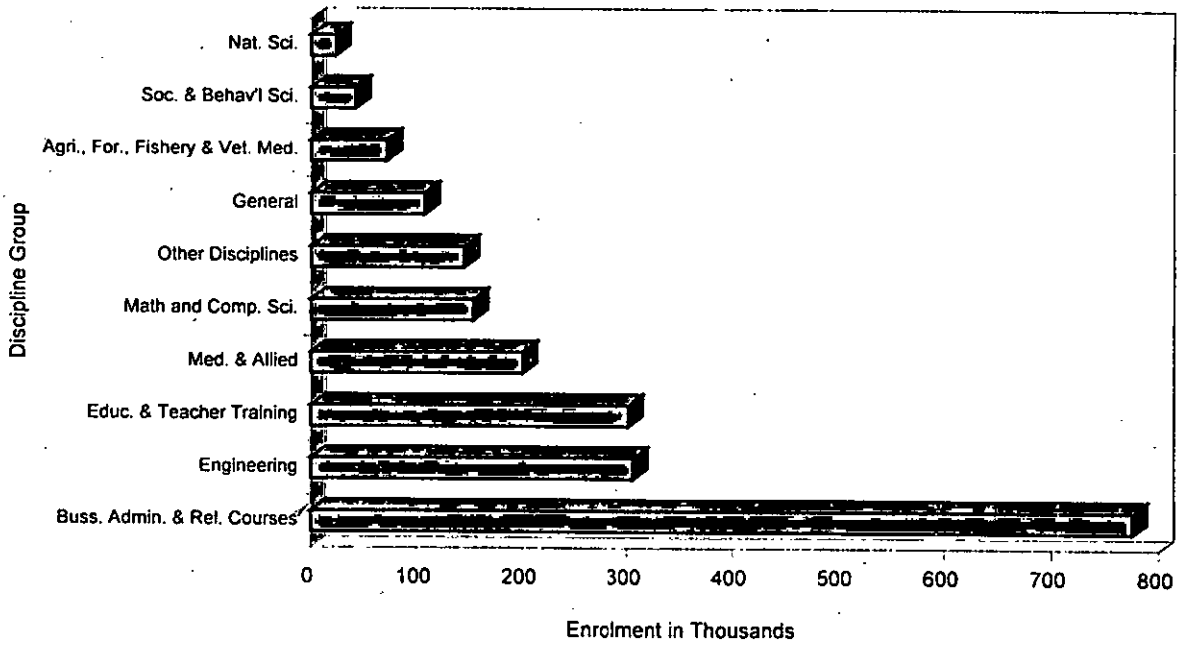

Figure 10.4 HIGHER EDUCATION GRADUATES BY REGION: SY 1995-1996

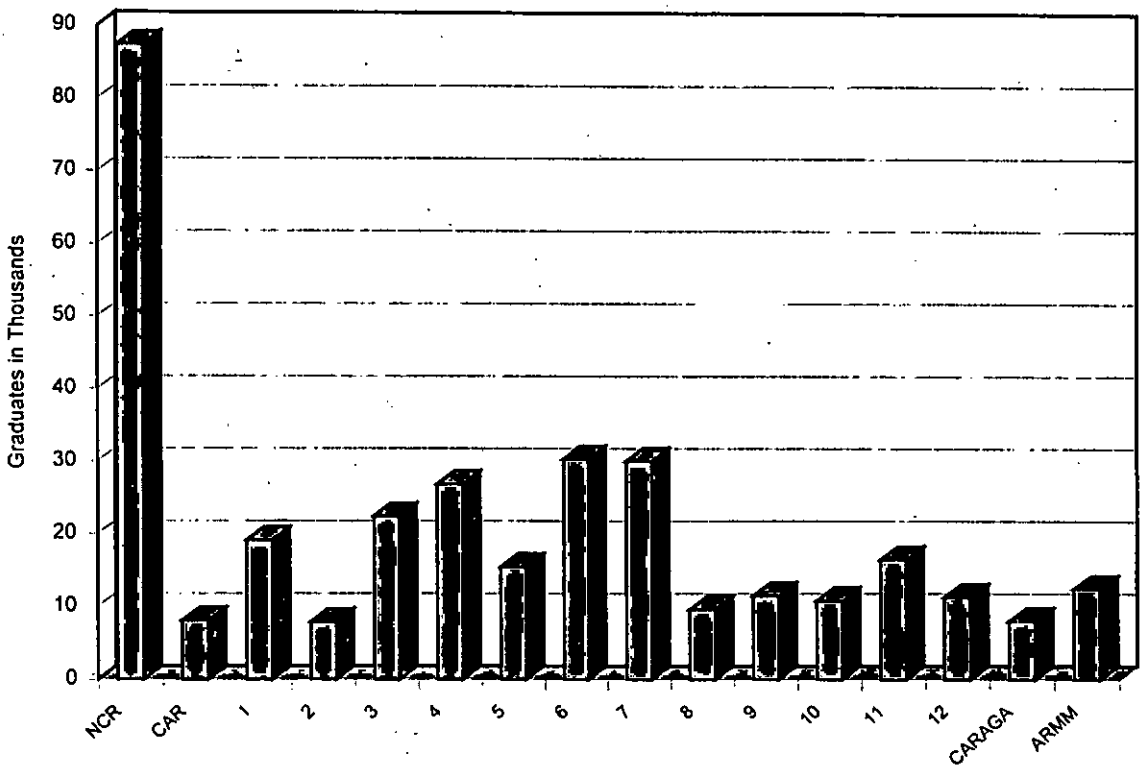

Table 10.8
NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED BY REGION
1991 to 1998

Region	1991	1992	1993	1994	1995	1996	1997	1998 *
Philippines	8,060,219	22,746,499	17,677,689	5,444,797	7,352,809	19,703,549	13,432,580	26,175,003
NCR	517,362	1,685,204	1,289,774	321,193	781,470	2,090,361	1,243,266	2,322,911
CAR	70,600	343,742	356,126	78,250	150,744	352,470	339,030	544,810
1 Ilocos Region	638,299	1,399,430	1,096,530	379,022	459,372	916,080	811,672	1,361,095
2 Cagayan Valley	394,422	1,486,888	829,434	350,593	171,170	885,690	551,256	1,133,957
3 Central Luzon	850,743	2,182,675	1,902,358	545,439	822,088	1,315,134	1,409,189	2,482,718
4 Southern Luzon	1,101,750	3,131,972	2,285,244	657,026	1,086,650	2,700,825	1,813,465	3,557,626
5 Bicol Region	542,526	1,962,631	1,143,755	355,274	806,225	1,539,090	1,066,520	2,049,672
6 Western Visayas	782,510	1,706,149	1,794,450	598,970	673,630	1,668,120	1,224,052	2,342,244
7 Central Visayas	463,840	1,728,612	1,662,620	458,220	430,450	1,552,790	970,830	1,921,150
8 Eastern Visayas	339,419	1,265,143	1,256,498	167,519	579,850	1,179,270	693,310	1,513,893
9 Western Visayas	376,730	1,133,858	900,752	249,640	350,760	981,210	627,870	1,234,550
10 Northern Mindanao	705,318	1,157,999	1,124,950	354,945	293,140	809,799	526,380	1,016,513
11 Southern Mindanao	792,020	2,013,886	1,105,858	503,960	395,130	1,542,900	907,560	2,114,864
12 Central Mindanao	484,680	1,548,310	929,340	218,451	211,210	790,680	454,200	759,010
13 Caraga	-	-	-	-	-	649,740	387,720	806,770
ARMM	-	-	-	206,295	140,920	729,390	406,260	1,013,220

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

Figure 10.5 NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED BY REGION: 1998

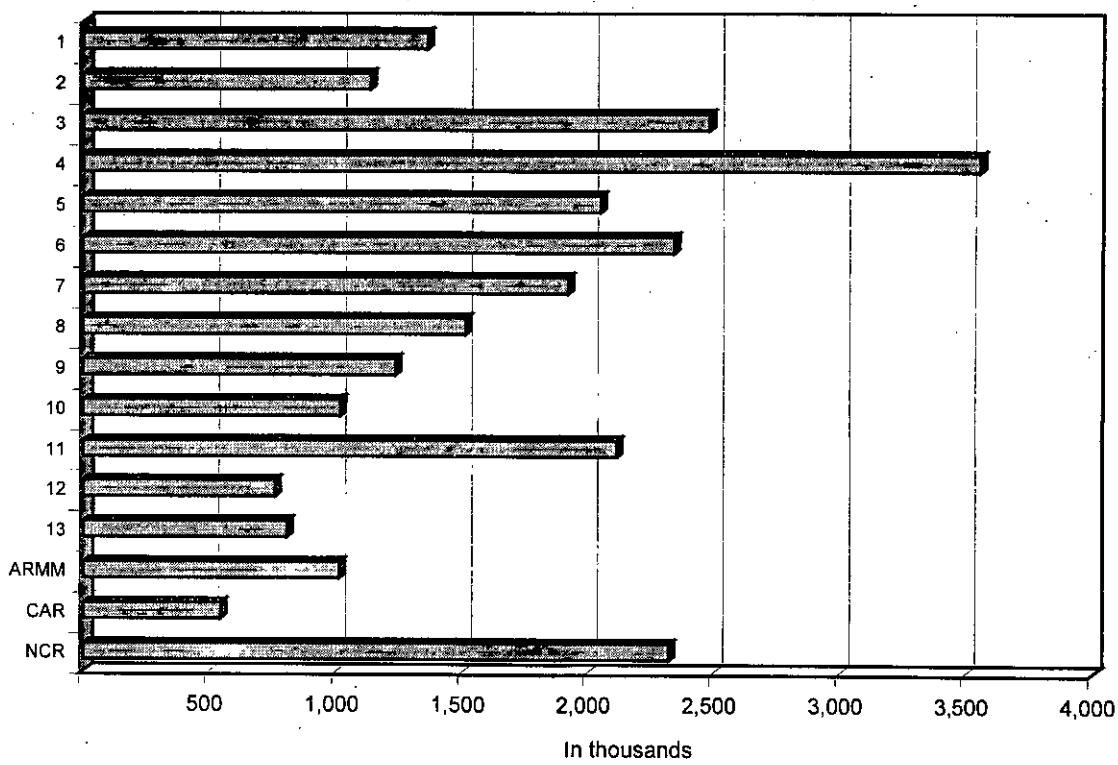

Table 10.9
HIGHER EDUCATION GRADUATES BY PROGRAM, BY REGION, AND BY MAJOR CATEGORY
SY 1993-94 to 1995-96

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
Discipline Group						
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
Architechtural 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	Region 13	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 10.6 NUMBER OF EXAMINEES WHO PASSED THE BOARD / BAR EXAMINATIONS ON SELECTED COURSES: 1998

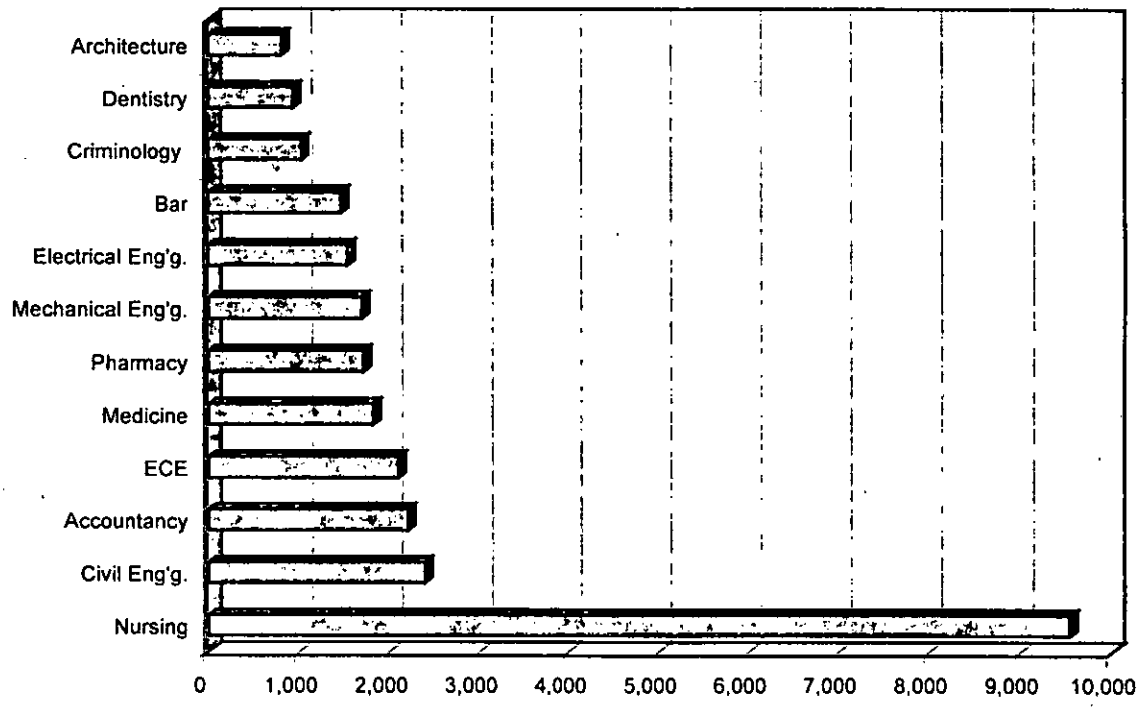

Figure 10.7 BUDGET OF EDUCATION, CULTURE AND SPORTS: 1989 to 1999

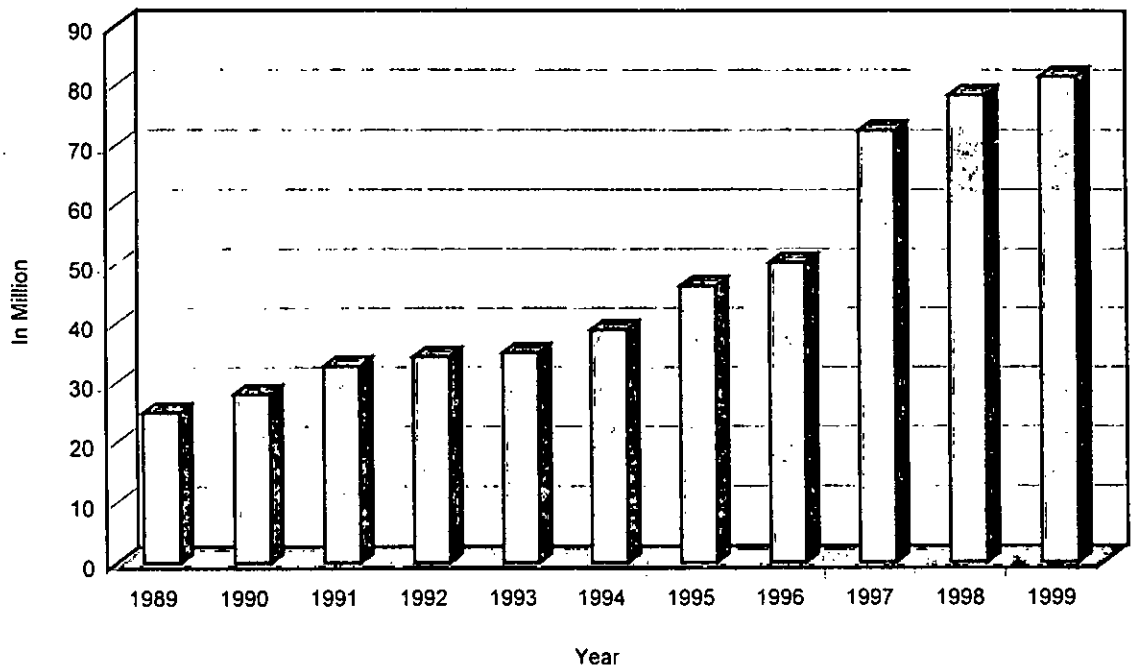

Table 10.10
NUMBER OF GRADUATES IN NON-FORMAL EDUCATION BY REGION
CY 1990 to 1998

Region		1990		1991		1992		1993	
		BL	LCL	BL	LCL	BL	LCL	BL	LCL
	Philippines	50,513	225,391	94,206	168,930	129,977	217,801	84,872	181,490
NCR	Metro Manila	513	17,653	536	26,791	3,199	24,774	3,202	24,774
CAR	Cordillera	1,736	7,460	12,086	7,047	4,432	9,216	8,597	6,618
1	Ilocos Region	1,619	2,986	908	9,059	7,442	19,234	3,992	4,325
2	Cagayan Valley	420	6,095	1,656	10,723	2,787	9,031	483	3,161
3	Central Luzon	2,500	11,618	1,462	11,956	2,554	7,807	1,240	1,339
4	Southern Tagalog	1,158	5,837	16,100	20,984	36,444	15,874	10,245	54,807
5	Bicol Region	12,043	21,230	7,047	17,485	7,064	21,257	5,081	18,347
6	Western Visayas	1,768	23,614	9,188	19,104	22,014	29,239	17,057	18,837
7	Central Visayas	12,794	26,865	3,973	10,375	11,359	19,298	5,149	9,249
8	Eastern Visayas	9,096	65,843	11,167	9,908	9,008	12,066	7,803	5,373
9	Western Mindanao	1,462	7,351	21,899	3,826	1,375	4,064	N.R.	1,819
10	Northern Mindanao	1,989	4,798	1,423	8,760	4,867	19,473	4,374	8,083
11	Southern Mindanao	2,161	15,743	1,278	8,461	16,696	19,809	12,944	20,839
12	Central Mindanao	1,254	8,298	5,483	4,451	736	6,659	4,705	2,420
13	Caraga	-	-	-	-	-	-	-	-
ARMM	Autonomous Region of Muslim Mindanao	-	-	-	-	-	-	-	1,499

Region		1994		1995	1996	1997		1998	
		BL	LCL			BL	LCL	BL	LCL
	Philippines	54,218	76,471	65,877	113,697	86,115	92,980	87,795	155,866
NCR	Metro Manila	550	28,542	2,811	2,617	2,657	30,461	7,512	19,670
CAR	Cordillera	4,785	5,906	6,039	5,673	5,692	6,403	1,018	18,480
1	Ilocos Region	713	1,102	1,458	12,332	2,321	5,974	4,815	18,343
2	Cagayan Valley	1,990	6,996	2,455	2,112	3,873	8,236	4,495	1,484
3	Central Luzon	299	4,079	1,726	5,704	3,753	-	23,042	5,469
4	Southern Tagalog	500	922	2,866	1,968	6,213	1,998	6,229	19,167
5	Bicol Region	2,033	9,209	3,275	6,691	2,163	13,704	3,170	5,981
6	Western Visayas	10,597	170	17,929	12,290	2,920	22,937	2,400	2,748
7	Central Visayas	736	1,761	2,011	12,217	8,131	-	5,020	16,914
8	Eastern Visayas	347	4,060	3,454	12,369	21,455	-	11,091	13,269
9	Western Mindanao	4,976	3,382	4,717	2,936	9,311	-	5,833	672
10	Northern Mindanao	14,016	2,895	3,395	2,990	7,039	-	1,795	12,118
11	Southern Mindanao	7,009	3,997	7,760	3,842	5,950	-	4,925	14,440
12	Central Mindanao	4,193	2,679	2,663	4,570	1,312	-	1,089	3,074
13	Caraga	-	-	-	-	1,825	-	3,449	4,037
ARMM	Autonomous Region of Muslim Mindanao	1,474	771	3,318	25,386	1,500	3,267	1,912	-

BL - Basic Literacy
LCL - Literacy cum Livelihood

Note: No available breakdown for 1995 and 1996.

Source: Bureau of Non-Formal Education, Department of Education, Culture, and Sports.

Table 10.11
COMPARATIVE AVERAGE GRADE OF GRADE SIX PUPILS IN THE NATIONAL ELEMENTARY ASSESSMENT TEST BY SUBJECT AREA AND BY REGION
1995 to 1998
(In percent)

Region		Number of Examinees				Mathematics			
		1995	1996	1997	1998	1995	1996	1997	1998
	Philippines	1,400,743	478,324	629,379	790,975	78.05	79.32	80.70	80.98
NCR	Metro Manila	176,564	-	80,464	85,120	79.54	-	81.39	82.49
CAR	Cordillera Administrative Region	27,315	13,665	10,651	14,222	78.62	79.57	80.77	80.75
1	Ilocos Region	91,619	38,322	38,447	38,517	78.72	79.78	80.31	80.41
2	Cagayan Valley	56,451	25,695	22,552	26,188	77.93	81.28	83.50	82.68
3	Central Luzon	121,778	44,501	60,082	63,562	76.99	79.83	80.06	80.93
4	Southern Tagalog	214,686	70,296	97,827	233,003	78.54	79.94	80.58	80.25
5	Bicol Region	104,833	44,594	44,219	44,691	76.43	78.37	80.87	81.24
6	Western Visayas	130,413	46,914	56,113	52,793	76.93	78.82	79.20	81.14
7	Central Visayas	103,882	37,195	44,924	48,429	78.13	78.58	79.35	81.73
8	Eastern Visayas	63,909	30,899	34,285	25,396	80.91	83.13	86.00	85.54
9	Western Mindanao	53,860	25,524	23,709	25,535	76.79	77.06	82.76	83.08
10	Northern Mindanao	47,361	21,311	20,795	21,449	77.78	78.93	79.58	81.16
11	Southern Mindanao	93,428	30,905	50,102	63,213	77.23	78.03	79.48	79.23
12	Central Mindanao	47,465	16,733	15,784	17,127	76.40	76.65	76.41	76.51
13	Caraga	40,885	17,152	17,311	16,952	78.34	78.07	78.81	80.93
ARMM	Autonomous Region of Muslim Mindanao	26,294	14,618	12,114	14,778	79.29	80.02	81.95	79.74

Note: The formula used in computing the Mean Percentage Grade:
a. By Subject Area: Mean Raw Score + 60
b. By Aggregate: 60 + (Aggregate Raw Score x .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			
1995	1996	1997	1998	1995	1996	1997	1998	1995	1996	1997	1998	1995	1996	1997	1998
80.26	78.46	81.07	79.97	77.63	77.27	79.65	78.56	79.24	76.95	79.83	80.62	78.58	78.00	80.31	80.03
83.15	-	82.75	82.06	80.10	-	80.93	80.08	81.73	-	81.09	82.40	81.13	-	81.54	74.26
81.98	79.91	82.57	81.49	79.36	78.19	80.73	79.07	79.12	76.96	79.93	80.37	79.77	78.66	81.00	80.42
80.94	78.37	80.72	78.78	77.91	77.06	79.20	77.37	79.37	77.22	79.14	79.56	79.24	78.11	79.84	79.03
79.76	79.55	83.22	81.04	76.73	78.32	82.00	79.57	78.33	78.07	81.52	81.03	78.19	79.31	82.56	81.08
79.02	79.06	80.12	79.99	76.51	77.89	79.10	78.29	79.10	77.67	79.75	81.02	77.91	78.61	79.76	80.06
80.94	79.17	80.78	79.28	78.20	77.66	79.26	77.66	81.04	78.22	80.68	81.15	79.68	78.75	80.33	79.59
77.74	77.45	80.67	80.12	75.44	76.47	79.56	79.42	78.12	76.72	80.62	80.98	76.93	77.25	80.43	80.44
79.39	78.44	80.29	80.28	76.72	77.11	78.53	78.78	78.56	77.29	79.07	80.47	77.90	77.92	79.27	80.17
80.40	77.72	80.55	80.57	77.45	76.21	78.53	79.41	77.22	75.13	76.87	78.98	78.30	76.91	78.83	80.17
82.68	81.75	85.26	84.53	80.05	80.81	85.06	83.69	81.04	79.47	84.18	83.87	81.17	81.29	85.28	84.41
78.60	76.46	82.75	81.94	76.38	75.33	81.95	81.28	76.55	74.61	80.26	81.03	77.08	75.87	81.93	74.33
79.73	78.21	79.87	80.10	77.14	77.17	77.98	79.15	78.09	76.29	78.26	79.88	78.19	77.65	78.92	80.07
78.82	77.13	79.43	77.85	76.31	75.98	78.10	76.72	77.73	75.79	78.25	78.49	77.52	76.73	78.82	78.07
77.73	76.06	77.21	75.25	75.79	74.87	75.68	74.15	77.31	75.00	75.91	76.46	76.81	75.65	76.30	75.6
80.01	77.45	79.03	79.58	78.04	76.40	77.65	79.17	78.61	75.70	77.98	79.23	78.75	76.91	78.37	79.73
80.13	78.88	81.15	78.29	79.81	79.61	80.58	77.98	78.84	75.97	79.60	77.87	79.52	78.62	80.82	78.47

Table 10.12
NUMBER OF EXAMINEES WHO PASSED THE BOARD/BAR EXAMINATIONS
1984 to 1998

Board/Bar Examination	1984	1985	1986	1987	1988	1989
Total	31,803	31,120	32,012	28,972	33,672	35,585
Agricultural Engineering	318	136	102	88	82	77
Aeronautical Engineering	26	35	21	27	45	18
Architecture	501	623	684	364	371	369
Bar	563	701	491	480	689	639
Accountancy	5,407	4,485	4,243	3,850	3,373	2,638
Chemical Engineering	1,216	911	981	692	377	432
Chemistry	241	205	120	44	114	86
Civil Engineering	5,680	5,575	3,936	2,675	2,119	2,604
Criminology	-	-	-	-	302	150
Customs Brokers	-	192	-	144	-	-
Dentistry	1,468	1,566	1,634	948	2,183	1,225
Dietetics/Nutritionist	390	330	338	290	265	306
Electrical Engineering	2,661	2,818	2,575	2,619	2,574	2,261
Electronics & Communication Engineering	443	403	783	802	903	1,010
Forestry	240	286	284	85	172	55
Geodetic Engineering	382	354	355	233	347	231
Geology	58	74	53	39	36	15
Interior Design	41	32	45	39	34	36
Landscape Architecture	4	5	6	-	-	7
Library Science						
Master Plumber	55	71	29	20	14	47
Mechanical Engineering	2,479	2,100	2,363	2,546	2,406	981
Medicine	1,541	1,895	3,621	1,894	2,818	2,537
Medical Technology	1,034	1,017	1,373	1,407	1,911	2,336
Metallurgical Engineering	17	17	11	23	17	12
Midwifery	2,135	2,475	2,486	3,629	4,273	6,352
Mining Engineering	88	73	88	77	50	57
Naval Architecture	44	23	29	11	18	8
Nursing	2,977	3,094	3,773	4,452	6,351	9,138
Optometry	324	265	226	251	227	315
Pharmacy	680	476	608	506	864	813
Physical Therapy/Occupational Therapy	154	171	189	156	157	259
Radiology/ X-ray Technician						
Sanitary Engineering						
Social Work	434	425	307	246	275	254
Sugar Technology	-	-	-	-	-	-
Veterinary Medicine	202	287	258	335	305	317

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

Table 10.12 (continued)

1990	1991	1992	1993	1994	1995	1996	1997	1998
42,301	43,362	49,136	49,137	57,033	54,746	42,059	36,458	36,840
102	95	65	76	101	62	191	208	221
33	12	39	20	36	22	22	15	22
317	406	314	279	431	553	601	666	804
866	649	499	725	1,030	967	1,217	710	1,465
1,905	1,611	1,379	1,495	1,371	1,083	1,427	1,715	2,201
458	377	482	451	293	444	363	394	404
88	63	61	78	121	127	134	187	184
2,976	3,337	2,563	1,996	2,362	3,159	3,171	2,482	2,388
73	220	134	230	409	767	814	1,082	1,026
156	90	52	-	57	112	123	163	100
2,028	1,986	1,113	1,148	882	1,087	1,516	1,503	933
205	265	183	216	262	322	490	370	369
4,472	2,837	2,413	2,448	2,762	2,553	1,929	1,728	1,531
1,110	1,135	720	925	1,237	1,935	1,693	1,810	2,097
64	65	59	107	176	363	320	360	436
322	303	508	518	590	622	574	504	203
24	10	16	17	12	9	17	24	22
48	42	35	29	23	25	30	22	52
2	4	6	2	6	9	6	6	8
		124	14	101	136	186	245	217
43	23	26	28	27	35	53	59	109
3,921	793	448	593	1,530	1,716	1,602	1,452	1,691
2,200	2,440	2,550	2,302	2,481	2,106	2,225	1,864	1,814
1,564	1,745	1,325	1,311	1,639	2,350	1,032	1,445	1,670
10	13	17	11	11	20	21	20	25
8,047	6,700	6,695	6,904	9,238	7,502	4,515	3,134	2,279
25	43	48	24	19	4	12	10	31
2	2	6	3	14	5	5	7	7
9,101	16,334	24,654	24,880	25,477	22,532	13,658	9,776	9,541
281	302	283	154	389	306	293	254	118
1,093	860	1,543	1,348	1,193	1,379	1,170	1,473	1,710
228	221	333	490	556	668	813	1,092	1,602
				1,672	1,151	1,055	819	710
				56	45	40	39	47
339	211	268	169	344	467	568	642	600
1	-	-	-	-	0	0	0	0
197	168	175	146	125	103	173	178	203

Table 10.13
BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE , AND SPORTS, COMMISSION ON HIGHER EDUCATION, TECHNICAL EDUCATION SKILLS AND DEVELOPMENT AUTHORITY, NATIONAL DEFENSE COLLEGES AND THE STATE UNIVERSITIES AND COLLEGES[1]
1960 to 1999

Year	National Budget (in '000 pesos)	DECS Budget (in '000 pesos)	CHED Budget * (in '000 pesos)	TESDA Budget * (in '000 pesos)	NDC Budget (in '000 pesos)	SUCs (in '000 pesos)
1960	899,676	247,387	..	..	..	..
1961	1,092,919	306,880	..	..	..	..
1962	1,189,618	352,030	..	..	..	..
1963	1,382,979	404,771	..	..	..	..
1964	1,972,081	507,155	..	..	..	..
1965	2,102,364	555,250	..	..	..	..
1966	2,003,049	596,212	..	..	..	..
1967	2,073,825	646,124	..	..	..	..
1968	2,276,471	688,910	..	..	..	..
1969	2,904,718	780,265	..	..	..	..
1970	3,323,699	829,945	..	..	..	..
1971	3,716,216	1,004,394	..	..	..	..
1972	5,562,000	1,093,620	..	..	..	..
1973	7,909,000	1,296,696	..	..	..	..
1974	12,897,000	1,496,355	..	..	..	..
1975	16,684,000	1,643,183	..	..	..	..
1976	29,843,000	1,681,387	..	..	..	..
1977	28,577,000	2,040,000	..	..	..	..
1978	33,951,892	3,255,259	..	..	..	..
1979	34,289,000	3,694,840	..	..	..	..
1980	39,792,271	3,661,917	..	..	..	..
1981	54,945,319	4,088,356	..	..	..	..
1982	59,749,018	4,671,834	..	..	..	..
1983	65,000,000	5,758,267	..	..	..	..
1984	59,500,000	5,968,122	..	..	..	..
1985	67,325,000	6,513,534	..	..	..	..
1986	92,887,963	9,166,679	..	..	..	..
1987	88,984,273	12,916,229	..	..	..	..
1988	169,728,000	15,889,727	..	..	..	..
1989	228,940,000	25,040,675	..	..	..	..
1990	233,507,847	28,177,760	..	..	..	..
1991	254,343,983	32,949,919	..	..	..	..
1992	308,368,476	34,531,399	..	..	..	..
1993	330,237,082	35,164,138	..	..	..	..
1994	362,038,357	39,123,319	..	..	..	..
1995	384,713,251	46,489,216	budget included under DECS	310642*	13,156	7,215,443
1996	415,557,000	50,405,788	442,503	347,077	13,829	8,362,990
1997	476,170,000	72,640,479	511,095	454,517	24,024	11,825,259
1998	546,743,816	78,520,483	2,638,491	3,127,724	41,323	14,527,689
1999	579,481,000	87,892,163	2,431,458	2,165,449	28,475	14,339,655
2000	651,000,000	91,286,339	1,886,030	2,228,495	29,218	14,873,439

[1] - Proposed Budget
[a] - Actual budget

Note: Budget for Commission on Higher Education (CHED) and Technical Education and Skills Development Authority (TESDA) were included from 1995 when they started operations.

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 Filipino workers (OFWs) classified whether processed or deployed, whether land-based or sea-based, and by major world groupings are likewise reflected. The OFWs 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.

Table 11.1
HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY EMPLOYMENT STATUS AND BY REGION
1989 to 1998

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)	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
	1998	47,415	6,699	876	2,628	1,885	4,828
Percent in the labor force	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	66.0	66.2	69.8	60.9
	1998	66.0	65.1	67.0	64.8	68.6	62.5
Percent of labor force:							
Employment Rate	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
	1998	90.4	84.9	91.1	91.8	95.9	88.1
Unemployment Rate	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
	1998	9.6	15.1	8.9	8.2	4.1	11.9
Percent of employed:							
Underemployment Rate	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	22.8	13.7	14.7	15.3	17.2	9.1
	1998	23.7	19.4	21.3	14.5	22.1	12.7

Table 11.1 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	ARMM
4,850	2,488	3,320	2,805	1,969	1,864	2,145	2,578	1,714	c	b
5,015	2,562	3,408	2,876	2,019	1,919	2,214	2,658	1,769	c	b
5,186	2,639	3,498	2,949	2,070	1,541	2,285	2,739	1,207	c	1,052
5,367	2,718	3,590	3,025	2,121	1,587	2,357	2,822	1,245	c	1,081
5,546	2,800	3,684	3,103	2,171	1,636	2,432	2,908	1,283	c	1,113
5,733	2,882	3,780	3,184	2,221	1,688	2,508	2,995	1,323	c	1,141
5,918	2,961	3,877	3,263	2,267	1,739	2,583	3,081	1,363	c	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
6,455	3,196	4,182	3,487	2,413	1,878	1,786	2,965	1,482	1,400	1,257
63.1	70.0	65.0	66.2	71.8	62.3	68.9	67.1	65.1	c	b
64.2	68.3	65.0	65.1	71.0	59.7	69.0	67.1	63.3	c	b
63.5	68.3	65.0	65.4	68.7	59.6	68.2	66.1	70.1	c	57.3
64.5	69.1	66.1	65.6	67.3	61.8	68.4	68.3	71.3	c	57.6
65.0	68.5	65.6	67.3	67.3	62.2	69.3	69.2	65.9	c	57.4
63.7	69.4	65.4	65.9	64.8	62.0	66.7	70.1	68.9	c	57.7
65.3	68.9	65.8	65.5	68.0	63.5	69.3	69.8	70.5	c	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	62.7	73.4	70.9	66.7	68.0	55.7
64.7	68.6	65.7	66.0	67.2	62.4	74.3	70.8	67.9	68.4	56.6
91.1	93.8	91.5	94.2	91.9	94.8	93.0	92.1	95.0	c	b
91.3	94.4	92.3	92.6	94.1	94.1	92.7	92.3	95.4	c	b
89.6	94.1	92.7	92.3	94.2	94.0	92.3	91.5	93.1	c	98.2
91.6	94.4	92.0	92.1	93.3	94.2	94.1	90.5	95.3	c	98.1
91.5	94.7	92.3	91.4	94.3	93.4	91.7	91.4	93.6	c	97.0
91.1	95.8	92.6	91.1	94.1	94.3	92.8	92.1	95.8	c	98.3
91.0	93.4	91.1	91.1	94.1	93.4	94.5	92.8	94.7	c	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	92.8	94.5	94.6	93.3	94.7	91.9	96.8
90.6	90.6	92.0	88.8	92.2	92.9	93.2	91.3	93.4	90.1	95.2
8.9	6.2	8.5	5.8	8.0	5.2	7.0	7.9	5.0	c	b
8.7	5.6	7.7	7.4	5.9	5.9	7.3	7.7	4.5	c	b
10.4	5.9	7.3	7.7	5.8	6.1	7.7	8.5	6.9	c	1.8
8.4	5.6	8.0	7.9	6.7	5.8	5.9	9.5	4.7	c	1.9
8.5	5.3	7.7	8.6	5.7	6.6	8.3	8.6	6.4	c	3.1
8.9	4.2	7.4	8.9	5.9	5.7	7.2	7.9	4.2	c	1.7
9.0	6.6	8.9	8.9	5.9	6.6	5.5	7.2	5.3	c	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	7.2	5.5	5.4	6.7	5.3	8.1	3.2
9.4	9.4	8.0	11.2	7.8	7.1	6.8	8.7	6.6	9.9	4.8
23.2	35.8	28.1	10.1	27.1	22.3	25.9	28.7	35.3	c	b
21.8	35.2	27.4	5.8	29.1	17.2	27.4	29.5	35.2	c	b
18.9	35.8	28.3	7.4	25.8	23.3	18.8	33.7	40.6	c	b
19.7	32.8	27.5	5.8	21.6	19.5	27.7	30.1	37.4	c	17.7
21.4	39.2	28.4	13.4	25.0	20.0	26.5	33.0	28.7	c	22.9
19.3	39.4	23.3	5.6	27.1	22.1	25.2	37.2	37.8	c	20.6
19.3	35.2	23.3	8.4	23.6	20.8	21.8	37.7	30.8	c	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
20.7	44.5	22.3	12.7	27.0	25.5	38.6	41.3	25.5	25.8	18.3

Table 11.1 (continued)

HOUSEHOLD POPULATION 15 YEARS OLD AND OVER BY EMPLOYMENT STATUS AND BY REGION
1989 to 1998

Employment Status	Year	Philippines	National Capital Region	Cordillera Administrative Region [a]	Region 1	Region 2	Region 3
Visible Underemployment Rate	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
	1998	12.6	7.8	7.5	9.5	19.2	6.0
Agriculture	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
	1998	58.1	1.7	62.5	59.7	81.9	28.8
Non-agriculture	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
	1998	41.8	98.3	37.5	40.3	18.1	71.2

[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	ARMM
12.5	19.2	16.9	4.8	13.6	8.1	11.9	13.6	21.2	c	b
11.5	17.2	15.6	2.4	13.8	5.5	12.7	14.6	20.8	c	b
9.5	16.1	16.5	3.9	13.6	9.0	8.2	15.8	32.2	c	7.6
9.5	16.4	16.3	3.2	11.3	8.4	10.8	14.4	25.9	c	8.3
10.3	20.5	18.4	6.4	12.3	9.6	11.9	16.5	22.2	c	7.3
8.1	19.6	15.4	2.7	11.1	10.9	12.9	20.1	22.8	c	5.9
7.9	17.0	14.1	3.6	12.3	10.0	11.2	20.0	19.1	c	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
10.2	26.6	13.6	6.0	17.7	11.2	16.0	21.5	16.1	13.3	7.0
36.6	53.8	54.0	49.7	62.3	60.2	51.5	53.3	60.6	c	b
38.4	55.4	55.7	48.1	61.2	60.9	54.1	53.6	61.3	c	b
37.7	54.3	56.8	46.3	59.8	57.5	56.2	54.3	64.8	c	78.5
37.1	54.6	54.6	47.1	60.6	60.3	58.1	54.5	62.7	c	78.4
36.4	55.8	55.3	46.6	62.9	56.2	58.6	54.4	60.2	c	71.8
35.9	55.8	52.7	47.6	59.3	54.5	55.4	52.0	61.2	c	77.4
34.8	51.7	52.6	42.7	59.5	54.4	52.9	50.5	62.3	c	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
40.1	57.2	69.4	58.5	73.5	80.1	73.2	69.1	74.9	64.3	85.4
63.4	46.2	46.0	50.3	37.7	39.8	48.5	46.7	39.4	c	b
61.6	44.6	44.3	41.9	38.8	39.1	45.9	46.4	38.7	c	b
62.4	45.6	43.1	53.7	40.2	42.5	43.9	45.7	35.2	c	21.4
62.9	45.4	45.4	52.9	39.4	39.7	41.9	45.5	37.3	c	21.7
63.6	44.2	44.7	53.4	37.1	43.8	41.3	45.6	39.8	c	28.2
64.1	44.2	47.3	52.4	40.7	45.5	44.6	48.0	38.8	c	22.6
65.2	48.3	47.4	57.3	40.5	45.6	47.1	49.5	37.7	c	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
59.1	42.8	30.6	41.5	26.5	19.9	28.8	30.9	25.1	35.7	14.6

Figure 11.3 *TOTAL LABOR FORCE, URBAN AND RURAL: 1989 to 1998*

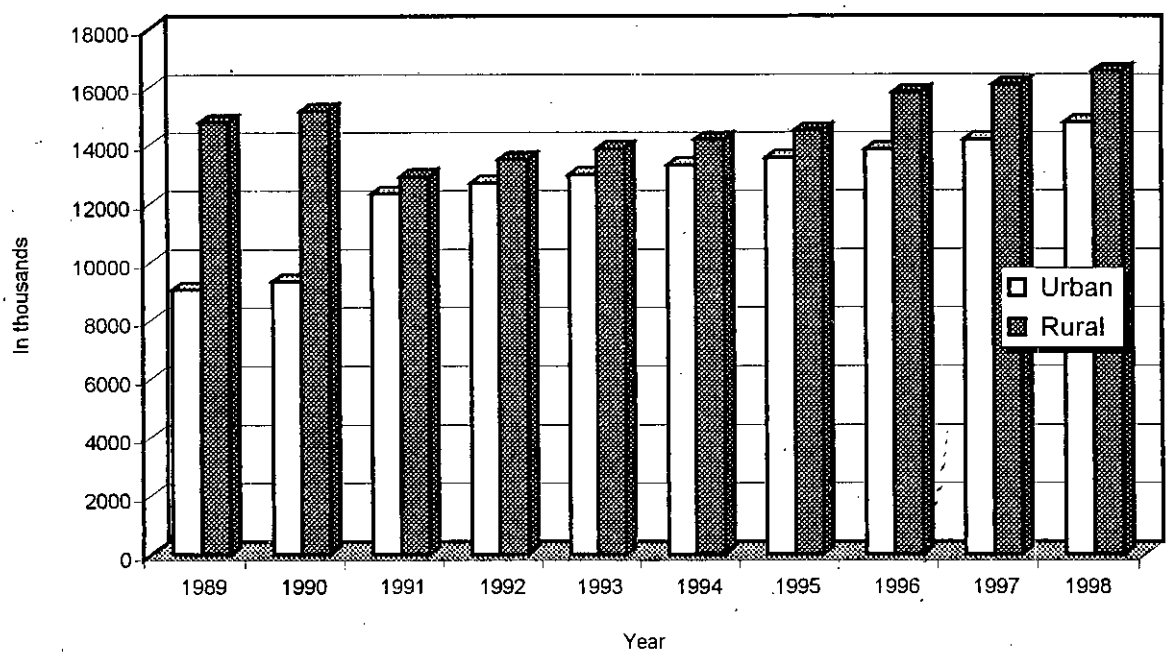

Figure 11.4 *NUMBER OF LABOR FORCE BY EMPLOYMENT STATUS, PHILIPPINES: 1989 to 1998*

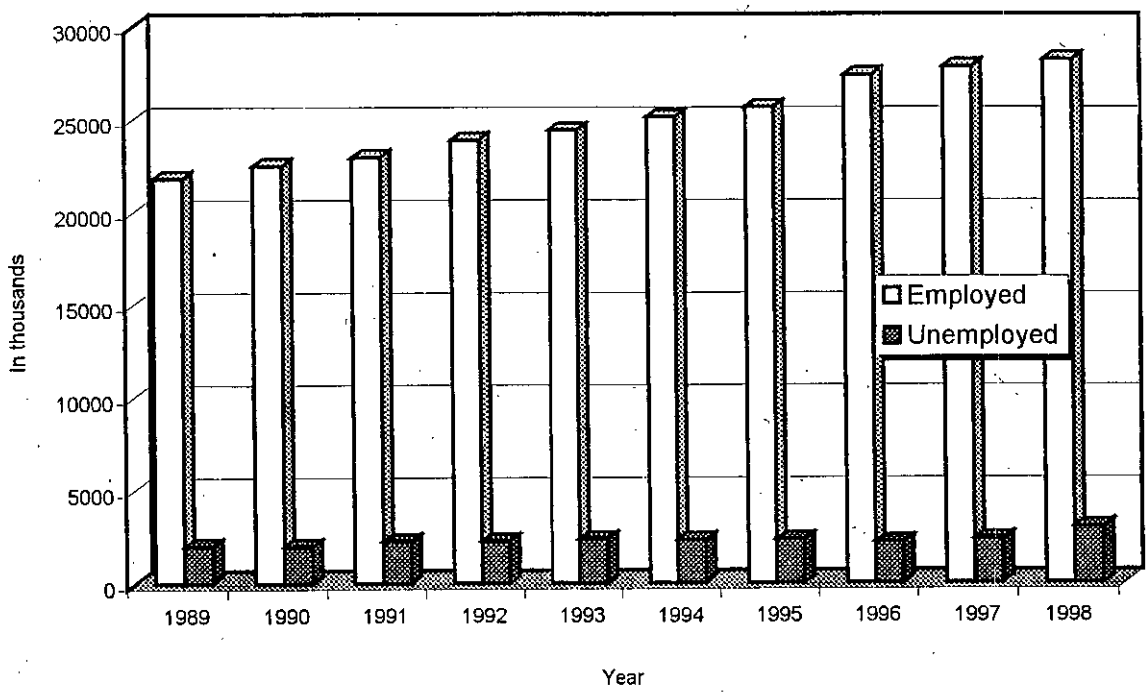

Table 11.2
LABOR FORCE PARTICIPATION RATE AND EMPLOYMENT STATUS
URBAN AND RURAL
1988 to 1998
(Number in thousands)

Year/Area	Labor Force Participation 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
1998	66.0	31,278	28,262	90.4	3,016	9.6
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
1998	63.9	14,733	12,947	87.9	1,786	12.1
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
1998	68.0	16,545	15,315	92.6	1,230	7.4

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 1998
(In thousands)

Major Industry Group and Sex	1991				1992				1993	
	January	April	July	October	January	April	July	October	January	April
Both Sexes	22,533	23,560	22,586	22,979	23,032	23,936	23,898	23,917	23,97[illegible]	24,610
Agriculture, fishery and forestry	9,999	10,538	10,219	10,403	10,297	10,873	10,867	10,869	10,919	11,224
Mining and quarrying	130	150	132	150	146	153	146	143	142	136
Manufacturing	2,292	2,434	2,378	2,391	2,452	2,559	2,535	2,546	2,455	2,504
Electricity, gas and water	97	102	99	99	96	93	84	92	105	95
Construction	974	1,033	1,019	1,046	1,084	1,074	1,055	1,035	1,081	1,134
Wholesale and retail trade	3,228	3,409	3,065	3,172	3,177	3,320	3,325	3,283	3,255	3,446
Transportation, storage & communication	1,170	1,148	1,106	1,143	1,150	1,229	1,217	1,221	1,225	1,266
Financing, insurance, real estate, and business services	476	467	464	451	454	427	445	452	514	504
Community, social and personal services	4,159	4,263	4,093	4,116	4,163	4,193	4,202	4,254	4,258	4,292
Industry not adequately defined or reported	8	15	10	9	15	16	23	21	17	10
Male	14,295	14,802	14,380	14,642	14,717	15,233	15,155	15,147	15,219	15,619
Agriculture, fishery and forestry	7,521	7,786	7,745	7,896	7,843	8,154	8,114	8,086	8,094	8,317
Mining and quarrying	120	132	123	138	128	131	136	133	130	121
Manufacturing	1,225	1,268	1,261	1,284	1,333	1,361	1,367	1,385	1,327	1,305
Electricity, gas and water	83	86	83	84	79	80	73	80	90	82
Construction	959	1,015	999	1,023	1,061	1,056	1,034	1,014	1,065	1,114
Wholesale and retail trade	1,158	1,198	1,048	1,026	1,045	1,107	1,106	1,093	1,090	1,205
Transportation, storage & communication	1,117	1,093	1,058	1,095	1,095	1,172	1,165	1,166	1,169	1,202
Financing, insurance, real estate, and business services	291	284	279	280	274	256	274	281	325	306
Community, social and personal services	1,816	1,929	1,775	1,807	1,848	1,901	1,867	1,891	1,915	1,958
Industry not adequately defined or reported	6	11	9	8	11	14	17	17	14	9
Female	8,237	8,758	8,206	8,337	8,315	8,703	8,743	8,770	8,753	8,991
Agriculture, fishery and forestry	2,478	2,752	2,474	2,506	2,454	2,719	2,753	2,784	2,826	2,907
Mining and quarrying	9	18	9	12	19	22	10	11	12	15
Manufacturing	1,068	1,167	1,116	1,107	1,119	1,198	1,168	1,160	1,128	1,199
Electricity, gas and water	14	15	16	15	16	13	10	12	15	12
Construction	15	19	20	23	22	19	21	21	16	21
Wholesale and retail trade	2,070	2,212	2,017	2,146	2,132	2,214	2,218	2,190	2,165	2,210
Transportation, storage & communication	53	55	48	47	55	56	52	55	56	64
Financing, insurance, real estate, and business services	185	183	186	171	179	170	171	171	189	198
Community, social and personal services	2,343	2,334	2,318	2,309	2,316	2,291	2,334	2,363	2,343	2,334
Industry not adequately defined or reported	2	4	1	1	4	2	6	4	3	1

Table 11.3 (continued)

1993		1994				1995				1996			
July	October	January	April	July	October	January	April	July	October	January	April	July	October
24,504	24,443	24,673	25,562	24,725	25,166	25,194	25,724	26,090	25,698	26,527	27,357	27,419	27,442
11,219	11,194	11,153	11,790	10,951	11,249	10,854	11,043	11,367	11,323	11,486	11,485	11,668	11,451
132	130	129	112	101	101	110	109	113	95	87	122	127	115
2,413	2,455	2,480	2,578	2,515	2,582	2,623	2,684	2,589	2,571	2,645	2,627	2,754	2,756
102	106	109	112	125	101	111	122	118	103	112	102	134	123
1,124	1,102	1,146	1,234	1,182	1,187	1,271	1,387	1,310	1,239	1,412	1,448	1,583	1,573
3,439	3,415	3,489	3,531	3,496	3,563	3,642	3,815	3,867	3,745	3,954	4,098	3,938	4,062
1,315	1,359	1,387	1,415	1,366	1,402	1,423	1,457	1,539	1,489	1,606	1,622	1,637	1,657
497	496	481	487	499	494	537	514	538	551	535	605	637	681
4,250	4,174	4,291	4,296	4,476	4,480	4,619	4,585	4,636	4,559	4,686	4,755	4,938	5,019
13	13	8	8	15	8	5	8	13	21	5	3	4	5
15,606	15,468	15,678	16,223	15,664	15,985	16,061	16,421	16,613	16,193	16,733	17,177	17,463	17,308
8,293	8,263	8,295	8,666	8,250	8,446	8,232	8,275	8,516	8,370	8,449	8,753	8,595	8,384
118	119	121	101	93	95	103	100	103	87	79	115	112	103
1,297	1,321	1,349	1,401	1,349	1,391	1,405	1,449	1,396	1,363	1,441	1,413	1,525	1,536
90	90	89	93	106	83	94	98	93	85	100	91	119	108
1,103	1,080	1,123	1,212	1,163	1,166	1,244	1,358	1,289	1,219	1,383	1,419	1,553	1,552
1,251	1,168	1,192	1,228	1,158	1,201	1,248	1,334	1,321	1,272	1,345	1,344	1,417	1,420
1,251	1,299	1,323	1,351	1,299	1,343	1,359	1,392	1,459	1,421	1,525	1,547	1,557	1,580
312	298	293	300	303	296	314	315	314	334	323	369	380	421
1,880	1,821	1,888	1,865	1,934	1,959	2,061	2,093	2,113	2,029	2,085	2,125	2,201	2,202
11	10	6	6	10	5	2	7	9	11	4	2	3	2
8,977	8,975	8,995	9,339	9,061	9,181	9,133	9,303	9,476	9,505	9,794	10,180	9,956	10,134
2,926	2,931	2,858	3,124	2,701	2,803	2,622	2,768	2,851	2,954	3,037	3,223	3,073	3,068
14	11	8	12	8	6	7	8	9	8	8	7	15	13
1,136	1,134	1,131	1,177	1,166	1,191	1,218	1,235	1,193	1,208	1,204	1,213	1,229	1,221
12	16	20	19	19	18	18	25	25	18	13	12	14	15
21	22	24	22	19	21	27	29	21	19	29	29	30	21
2,247	2,247	2,297	2,303	2,338	2,362	2,394	2,481	2,546	2,473	2,610	2,754	2,521	2,642
63	60	64	64	67	58	64	65	80	69	81	75	80	77
185	198	187	187	196	198	223	199	223	217	212	237	257	259
2,370	2,352	2,403	2,431	2,542	2,521	2,559	2,492	2,523	2,530	2,601	2,630	2,737	2,817
2	4	3	1	5	3	3	2	4	10	-	1	1	2

Table 11.3 (continued)
EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP BY SEX
1991 to 1998
(In thousands)

Major Industry Group and Sex	1997 January	1997 April	1997 July	1997 October	1998 January	1998 April	1998 July	1998 October
Both Sexes	27,335	28,105	27,531	27,888	27,689	27,837	27,856	28,262
Agriculture, fishery and forestry	11,407	11,601	10,987	11,260	11,020	10,434	11,006	11,272
Mining and quarrying	128	134	133	124	116	130	128	104
Manufacturing	2,683	2,791	2,697	2,755	2,705	2,827	2,646	2,687
Electricity, gas and water	125	139	125	139	134	145	151	140
Construction	1,530	1,677	1,701	1,641	1,614	1,701	1,595	1,511
Wholesale and retail trade	4,050	4,154	4,129	4,219	4,237	4,440	4,241	4,328
Transportation, storage & communication	1,681	1,768	1,750	1,769	1,821	1,859	1,831	1,885
Financing, insurance, real estate, and business services	697	700	676	680	665	659	671	695
Community, social and personal services	5,027	5,134	5,328	5,296	5,374	5,632	5,584	5,631
Industry not adequately defined or reported	6	7	6	5	4	9	3	8
Male	17,286	17,815	17,327	17,437	17,441	17,536	17,500	17,653
Agriculture, fishery and forestry	8,403	8,494	8,148	8,295	8,175	7,814	8,157	8,375
Mining and quarrying	117	117	123	113	108	116	121	98
Manufacturing	1,485	1,553	1,494	1,489	1,495	1,562	1,463	1,480
Electricity, gas and water	110	121	107	119	118	127	130	119
Construction	1,497	1,644	1,665	1,606	1,578	1,665	1,564	1,480
Wholesale and retail trade	1,467	1,550	1,451	1,493	1,529	1,578	1,516	1,511
Transportation, storage & communication	1,586	1,673	1,648	1,676	1,725	1,758	1,734	1,780
Financing, insurance, real estate, and business services	422	396	394	404	396	384	401	408
Community, social and personal services	2,196	2,264	2,294	2,239	2,315	2,525	2,411	2,398
Industry not adequately defined or reported	4	2	4	4	3	8	2	5
Female	10,049	10,289	10,204	10,451	10,248	10,299	10,359	10,608
Agriculture, fishery and forestry	3,005	3,107	2,839	2,965	2,845	2,621	2,850	2,898
Mining and quarrying	11	17	10	11	8	14	7	6
Manufacturing	1,198	1,238	1,203	1,265	1,210	1,266	1,183	1,207
Electricity, gas and water	15	18	18	20	17	17	22	21
Construction	33	33	36	35	36	35	30	31
Wholesale and retail trade	2,583	2,603	2,678	2,726	2,708	2,862	2,726	2,817
Transportation, storage & communication	95	94	102	94	96	101	97	105
Financing, insurance, real estate, and business services	275	304	282	277	270	275	270	287
Community, social and personal services	2,832	2,870	3,034	3,057	3,058	3,107	3,173	3,234
Industry not adequately defined or reported	2	4	2	2	1	1	1	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.

Figure 11.5 PROCESSED OVERSEAS FILIPINO WORKERS : 1989 to 1998

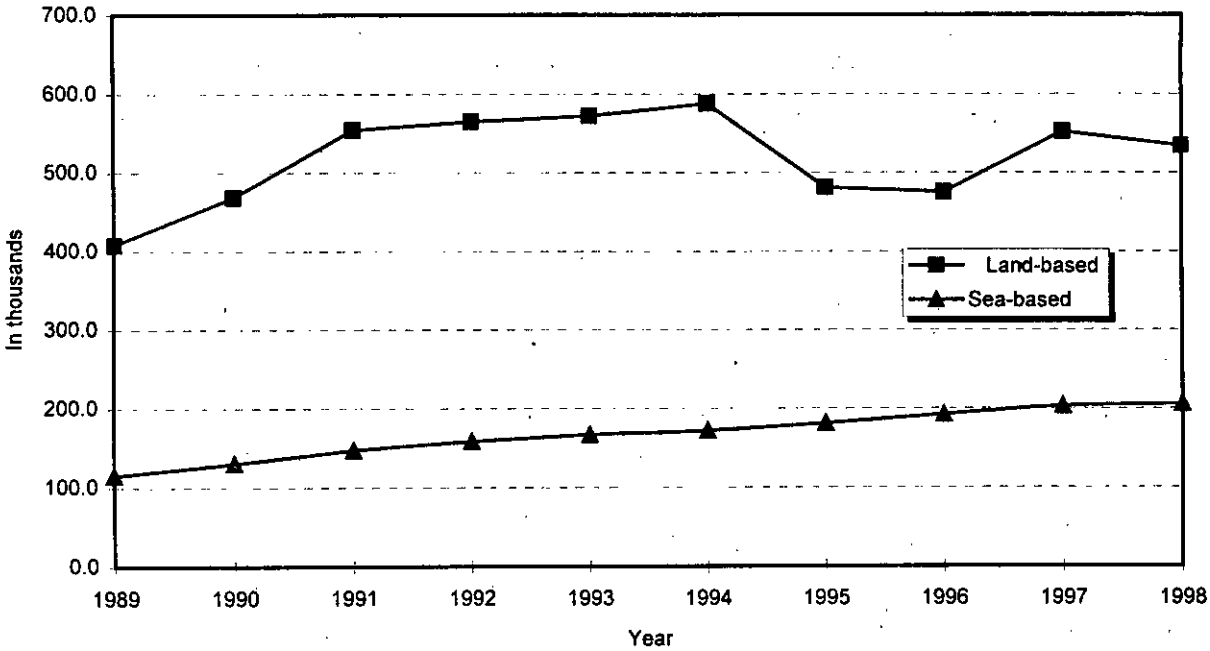

Figure 11.6 DEPLOYED OVERSEAS FILIPINO WORKERS : 1989 to 1998

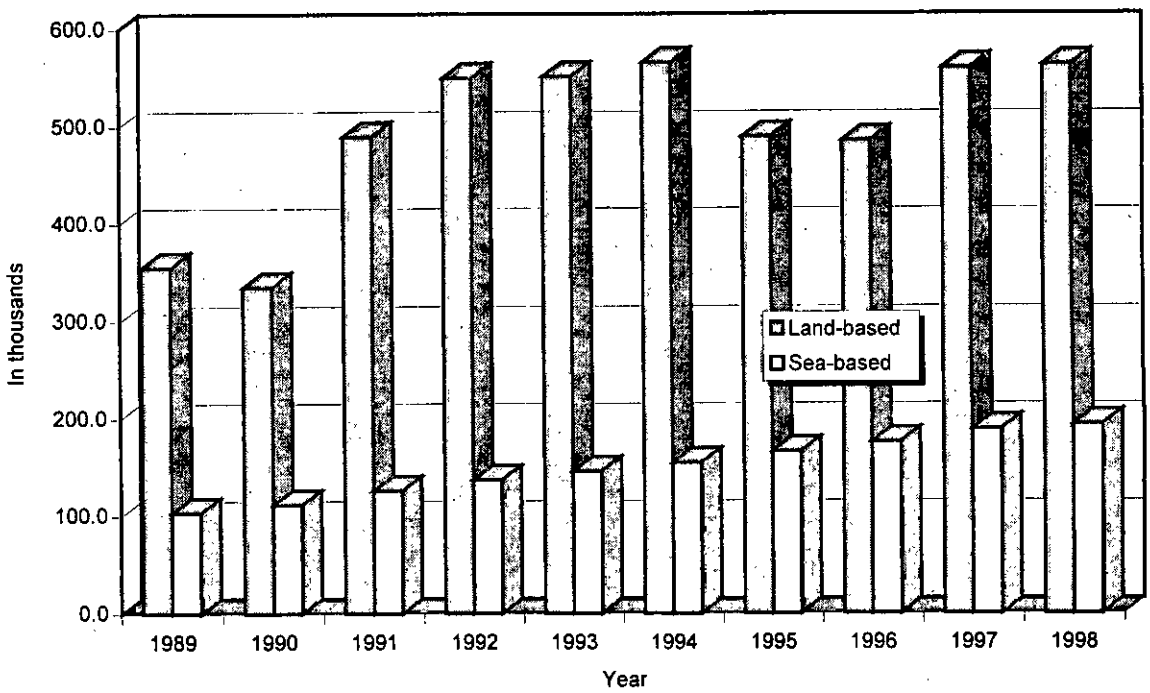

Table 11.4
EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP, BY MAJOR OCCUPATION GROUP AND BY REGION
OCTOBER 1998
(In thousands)

Major Industry/Occupation Group	Total	National Capital Region	Cordillera Administrative Region	Region 1	Region 2	Region 3
Industry	28,262	3,705	535	1,564	1,241	2,658
Agriculture, fishery and forestry	11,272	41	310	766	808	659
Mining and quarrying	104	2	16	5	-	3
Manufacturing	2,687	631	24	86	34	400
Electricity, gas and water	140	18	2	8	3	15
Construction	1,511	232	27	98	39	247
Wholesale and retail trade	4,328	799	40	207	126	438
Transportation, storage and communication	1,885	402	20	94	54	273
Financing, insurance, real estate & business services	695	323	7	18	12	63
Community, social and personal services	5,631	1,257	88	280	165	556
Industry not adequately defined or reported	8	-	-	1	-	2
Occupation	28,262	3,705	535	1,564	1,241	2,658
Professional, technical and related workers	1,697	336	36	97	55	169
Administrative, executive and managerial workers	570	159	5	22	15	36
Clerical and related workers	1,271	401	15	46	32	141
Sales worker	4,152	751	41	195	119	428
Service worker	3,005	872	36	122	67	299
Agricultural, animal husbandry and forestry workers; fishermen and hunters	11,163	35	311	767	809	652
Production and related workers, transport equipment operators and laborers	6,366	1,151	91	309	144	930
Occupation not adequately defined or reported	38	2	-	7	-	3

Notes: 1. Data were taken from the results of the October round of the 1998 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
3,782	1,986	2,527	2,046	1,495	1,088	1,237	1,917	941	863	678
1,127	980	1,297	827	834	590	655	943	515	442	479
6	13	9	6	9	2	1	25	1	4	1
576	128	137	240	65	53	71	117	44	62	18
27	14	11	10	5	3	5	7	6	3	4
290	99	83	120	56	37	47	75	23	30	9
583	279	364	303	203	155	177	319	144	124	69
325	97	127	121	69	44	59	94	38	47	19
103	18	35	30	7	11	20	33	6	8	2
746	357	464	387	247	194	202	303	165	142	79
-	-	-	3	-	-	-	-	-	-	-
3,782	1,986	2,527	2,046	1,495	1,088	1,237	1,917	941	863	678
249	110	121	108	82	67	59	79	48	49	33
102	34	61	25	20	11	20	24	12	15	11
172	56	89	65	45	42	36	75	24	21	11
583	279	342	283	191	145	162	303	138	123	70
393	160	266	192	103	73	91	181	77	51	23
1,113	974	1,262	817	832	589	648	930	511	436	479
1,163	372	385	550	222	161	212	325	132	168	51
8	2	1	6	-	-	9	-	-	-	-

Table 11.5
EMPLOYED PERSONS BY MAJOR OCCUPATION GROUP BY SEX
1992 to 1998
(In thousands)

Major Occupation Group and Sex	January 1992	April 1992	July 1992	October 1992	January 1993	April 1993	July 1993	October 1993
Both Sexes	23,032	23,936	23,898	23,917	23,972	24,610	24,504	24,443
Professional, technical and related workers	1,354	1,313	1,355	1,392	1,401	1,362	1,424	1,398
Administrative, executive and managerial workers	281	278	275	284	296	314	343	326
Clerical workers	933	1,002	993	979	1,030	1,034	1,030	1,052
Sales workers	3,094	3,240	3,232	3,195	3,160	3,335	3,324	3,277
Service workers	2,113	2,109	2,167	2,210	2,097	2,141	2,079	2,119
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	10,200	10,714	10,754	10,745	10,808	11,123	11,127	11,106
Production and related workers, transport equipment operators and laborers	5,038	5,253	5,084	5,067	5,151	5,270	5,147	5,128
Occupation not adequately defined or reported	20	29	39	44	29	31	31	38
Male	14,717	15,233	15,155	15,147	15,219	15,619	15,527	15,468
Professional, technical and related workers	498	492	503	517	513	511	514	521
Administrative, executive and managerial workers	205	188	190	196	208	206	234	216
Clerical workers	424	443	451	452	462	454	457	455
Sales workers	970	1,051	1,023	1,011	1,012	1,099	1,098	1,066
Service workers	874	900	942	960	918	949	909	931
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	7,758	8,010	8,013	7,981	7,997	8,236	8,218	8,188
Production and related workers, transport equipment operators and laborers	3,976	4,129	4,008	4,001	4,092	4,142	4,077	4,069
Occupation not adequately defined or reported	12	19	25	30	18	21	20	23
Female	8,315	8,703	8,743	8,770	8,753	8,991	8,977	8,975
Professional, technical and related workers	855	821	852	875	888	851	909	877
Administrative, executive and managerial workers	76	89	85	88	88	109	109	110
Clerical workers	509	559	542	528	568	580	573	597
Sales workers	2,123	2,188	2,209	2,185	2,148	2,235	2,226	2,210
Service workers	1,240	1,209	1,224	1,250	1,180	1,192	1,170	1,188
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,442	2,704	2,741	2,764	2,811	2,887	2,908	2,918
Production and related workers, transport equipment operators and laborers	1,061	1,123	1,076	1,067	1,059	1,127	1,070	1,059
Occupation not adequately defined or reported	8	9	14	14	11	11	11	15

Table 11.5 (continued)

January 1994	April 1994	July 1994	October 1994	January 1995	April 1995	July 1995	October 1995	January 1996	April 1996	July 1996	October 1996
24,673	25,562	24,725	25,166	25,194	25,724	26,090	25,698	26,528	27,358	27,419	27,442
1,403	1,363	1,394	1,366	1,434	1,391	1,468	1,428	1,488	1,516	1,625	1,640
345	356	353	358	421	393	395	421	404	425	445	456
1,079	1,063	1,053	1,033	1,112	1,139	1,153	1,115	1,180	1,180	1,189	1,223
3,323	3,383	3,337	3,446	3,473	3,577	3,685	3,592	3,800	3,924	3,752	3,923
2,123	2,244	2,353	2,329	2,368	2,361	2,331	2,309	2,325	2,403	2,528	2,590
11,071	11,675	10,845	11,112	10,716	10,911	11,252	11,224	11,387	11,881	11,554	11,333
5,296	5,450	5,360	5,493	5,642	5,930	5,778	5,571	5,911	5,997	6,302	6,259
33	27	29	29	27	22	27	38	33	32	24	19
15,678	16,222	15,664	15,985	16,061	16,421	16,613	16,193	16,733	17,177	17,463	17,308
508	500	494	476	512	497	540	512	533	570	602	597
238	237	241	250	294	267	265	284	266	284	291	312
468	464	467	464	493	504	509	479	502	509	500	524
1,062	1,101	1,035	1,070	1,104	1,143	1,163	1,140	1,221	1,202	1,264	1,312
912	977	997	996	1,029	1,079	1,075	1,042	1,046	1,069	1,127	1,130
8,212	8,569	8,147	8,327	8,116	8,164	8,412	8,288	8,353	8,670	8,505	8,282
4,259	4,358	4,269	4,382	4,497	4,751	4,635	4,424	4,788	4,853	5,157	5,139
19	16	15	20	16	16	16	23	23	19	18	11
8,995	9,340	9,061	9,181	9,133	9,303	9,476	9,505	9,794	10,180	9,956	10,134
896	864	901	891	922	894	928	915	954	945	1,023	1,043
107	119	113	108	128	126	131	138	138	141	154	145
611	600	586	570	619	635	644	636	678	670	690	699
2,261	2,283	2,302	2,375	2,369	2,433	2,522	2,451	2,579	2,722	2,488	2,611
1,210	1,268	1,356	1,333	1,339	1,282	1,256	1,268	1,279	1,334	1,401	1,460
2,859	3,106	2,698	2,785	2,600	2,747	2,841	2,936	3,034	3,211	3,049	3,050
1,037	1,091	1,091	1,111	1,145	1,180	1,143	1,147	1,123	1,144	1,145	1,120
14	11	14	9	11	6	12	15	10	13	6	7

Table 11.5 (continued)
EMPLOYED PERSONS BY MAJOR OCCUPATION GROUP BY SEX
1992 to 1998
(In thousands)

Major Occupation Group and Sex	January 1997	April 1997	July 1997	October 1997	January 1998	April 1998	July 1998	October 1998
Both Sexes	27,335	28,105	27,531	27,888	27,691	27,837	27,856	28,262
Professional, technical and related workers	1,672	1,647	1,622	1,654	1,647	1,572	1,701	1,697
Administrative, executive and managerial workers	493	515	530	531	546	595	561	570
Clerical workers	1,238	1,300	1,231	1,208	1,212	1,268	1,242	1,271
Sales workers	3,871	3,966	3,867	3,979	3,997	4,182	4,053	4,152
Service workers	2,631	2,656	2,878	2,815	2,840	3,010	2,973	3,005
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	11,275	11,468	10,893	11,151	10,907	10,316	10,874	11,163
Production and related workers, transport equipment operators and laborers	6,122	6,524	6,477	6,506	6,499	6,848	6,412	6,366
Occupation not adequately defined or reported	33	30	35	46	41	46	42	38
Male	17,286	17,815	17,327	17,437	17,441	17,538	17,500	17,653
Professional, technical and related workers	602	621	571	578	581	573	635	600
Administrative, executive and managerial workers	330	352	351	346	370	394	385	378
Clerical workers	524	533	522	490	505	533	523	540
Sales workers	1,320	1,394	1,233	1,283	1,311	1,367	1,343	1,342
Service workers	1,189	1,158	1,235	1,194	1,217	1,300	1,244	1,250
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	8,281	8,375	8,055	8,200	8,078	7,710	8,045	8,287
Production and related workers, transport equipment operators and laborers	5,021	5,365	5,341	5,317	5,353	5,632	5,298	5,231
Occupation not adequately defined or reported	19	19	19	27	27	30	27	26
Female	10,049	10,289	10,204	10,451	10,248	10,299	10,356	10,608
Professional, technical and related workers	1,070	1,026	1,051	1,076	1,066	999	1,065	1,096
Administrative, executive and managerial workers	163	163	179	185	176	201	177	192
Clerical workers	714	768	709	716	707	735	719	731
Sales workers	2,550	2,573	2,633	2,695	2,687	2,815	2,710	2,810
Service workers	1,442	1,498	1,643	1,621	1,623	1,710	1,728	1,755
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,994	3,093	2,838	2,951	2,829	2,607	2,828	2,877
Production and related workers, transport equipment operators and laborers	1,102	1,159	1,136	1,189	1,146	1,216	1,114	1,134
Occupation not adequately defined or reported	14	11	16	19	14	16	14	12

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 11.7 NUMBER OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS, PHILIPPINES: 1989 to 1998

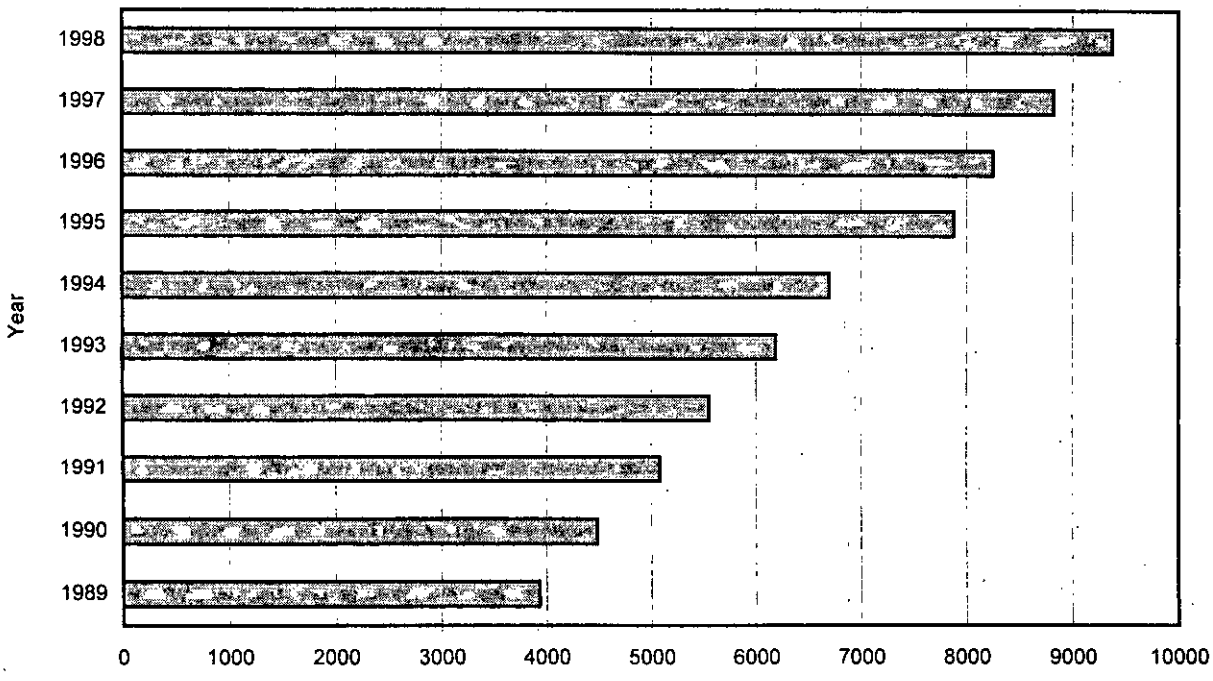

Figure 11.8 NUMBER OF STRIKES/LOCKOUT NOTICES FILED, PHILIPPINES: 1989 to 1998

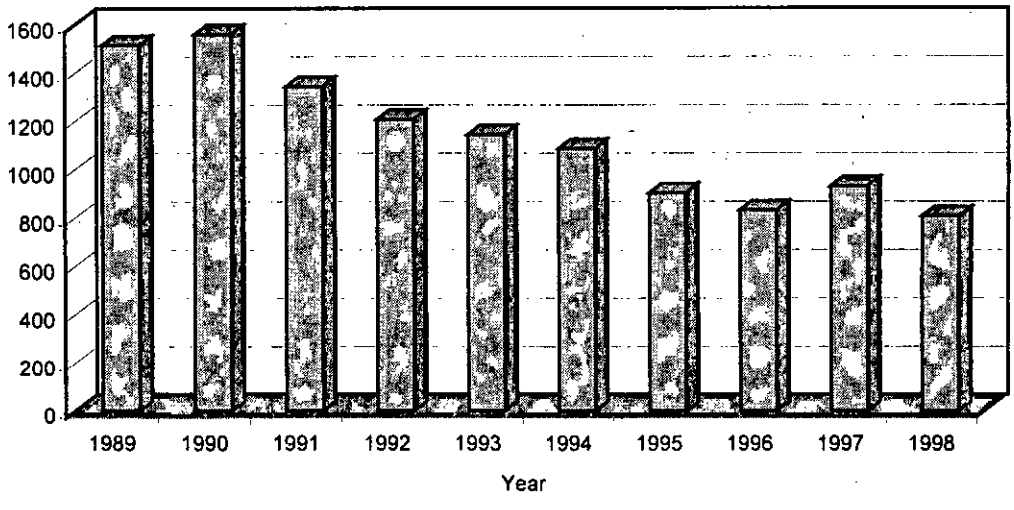

Table 11.6
UNEMPLOYED PERSONS BY SEX, REGION AND AREA
1988 to 1998
(In thousands)

Year	Philippines			NCR			CAR			Region 1		
	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male	Both Sexes	Female	Male
Total												
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
1998	3,016	1,159	1,857	659	249	411	52	22	30	139	43	96
Urban												
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
1998	1,786	643	1,143	659	249	411	21	8	13	59	16	43
Rural												
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
1998	1,230	516	714				31	14	17	80	27	53

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	138	61	77	191	72	119
46	27	19	248	86	162	308	112	195	117	60	57	189	82	107
53	22	31	359	115	244	394	144	250	205	96	109	221	85	135
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	40	17	23	87	32	55
12	7	5	150	50	100	192	63	129	43	20	23	93	33	59
20	8	12	202	62	141	224	69	155	74	31	43	105	35	70
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	76	41	35	76	49	47
33	14	19	156	53	103	170	75	95	131	64	67	116	50	66

Table 11.6 (continued)
UNEMPLOYED PERSONS BY SEX, REGION AND AREA
1988 to 1998
(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
Total												
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
1998	257	84	173	126	53	73	83	34	48	90	42	48
Urban												
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
1998	119	38	81	53	19	33	38	14	24	47	19	27
Rural												
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
1998	138	45	93	74	34	39	44	20	24	43	23	20

[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
183	81	102	66	33	34	95	39	55	34	17	18
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
82	40	42	29	12	17	43	17	27	11	5	6
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
101	41	59	37	20	17	52	23	29	23	12	11

Table 11.7
NOMINAL AND REAL MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION
1998
(In pesos)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
National Capital Region	198.00	186.00	179.50	138.95	130.53	126.00
Cordillera Administrative Region						
a) Abra	154.00	141.00 [a]	116.50	102.12	93.50 [a]	77.25
		136.00 [b]			90.19 [b]	
b) Baguio City	155.00	142.00 [a]	117.50	112.81	103.35 [a]	85.52
		137.00 [b]			99.71 [b]	
c) Benguet	154.00	141.00 [a]	116.50	112.99	103.45 [a]	85.47
		136.00 [b]			99.78 [b]	
c) Ifugao	144.00	132.00 [a]	108.50	97.30	89.19 [a]	73.31
		127.00 [b]			85.81 [b]	
d) Kalinga Apayao	144.00	132.00 [a]	108.50	107.70	98.73 [a]	81.15
		127.00 [b]			94.99 [b]	
e) Mountain Province	153.00	140.00 [a]	115.50	106.55	97.49 [a]	80.43
		137.00 [a]			94.01 [b]	
Region 1 - Ilocos Region						
a) Ilocos Norte	155.00 [c]	135.00	115.00	109.85	95.68	81.50
	166.00			117.65 [c]		
b) Ilocos Sur	155.00 [c]	135.00	115.00	113.72	99.05	84.37
	166.00			121.79 [c]		
c) La Union	155.00 [c]	135.00	115.00	103.61	90.24	76.87
	166.00			110.96 [c]		
d) Pangasinan	155.00 [c]	135.00	115.00	107.56	93.68	79.81
	166.00			115.20 [c]		
Region 2 - Cagayan Valley						
a) Batanes	152.00	142.00 [a]	121.50	103.05	96.27 [a]	82.37
		137.00 [b]			92.88 [b]	
b) Cagayan	157.00	147.00 [a]	126.50	102.21	95.70 [a]	82.36
		142.00 [b]			92.45 [b]	
c) Isabela	160.00	150.00 [a]	129.50	116.87	109.57 [a]	94.59
		145.00 [b]			105.92 [b]	
d) Nueva Vizcaya	153.00	143.00 [a]	122.50	103.66	96.88 [a]	82.99
		138.00 [b]			93.50 [b]	
e) Quirino	152.00	142.00 [a]	121.50	109.67	102.45 [a]	87.66
		137.00 [b]			98.85 [b]	
Region 3 - Central Luzon						
a) Bataan	171.50 [d]	141.50	125.50	133.57 [d]	110.20	97.74
	164.00 [e]			127.73 [e]		
b) Bulacan	175.50 [d]	141.50	125.50	128.10 [d]	103.28	91.61
	168.00 [e]			122.63 [e]		
c) Nueva Ecija	171.50 [d]	141.50	125.50	106.92 [d]	88.22	78.24
	164.00 [e]			102.24 [e]		
d) Pampanga	171.50 [d]	141.50	125.50	122.76 [d]	101.29	89.84
	164.00 [e]			117.39 [e]		

Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
e) Tarlac	171.50 [d]	141.50	125.50	111.36 [d]	91.88	81.49
	164.00 [e]			106.49 [e]		
f) Zambales	171.50 [d]	141.50	125.50	117.63 [d]	97.05	86.08
	164.00 [e]			112.48 [e]		
Region 4 - Southern Tagalog						
1. Extended Metropilitan Areas (formerly Growth Corridor Areas)						
a) Cavite	188.00	163.00	143.00	125.50	108.81	95.46
b) Laguna	188.00	163.00	143.00	124.50	107.95	94.70
c) Rizal	188.00	163.00	143.00	133.81	116.01	101.78
2. Growth Corridor Areas						
a) Batangas	185.00	160.00	140.00	130.47	112.83	98.73
b) Cavite	185.00	160.00	140.00	123.50	106.81	93.46
c) Laguna	185.00	160.00	140.00	122.52	105.96	92.72
d) Rizal	185.00	160.00	140.00	131.67	113.88	99.64
e) Quezon	185.00	160.00	140.00	143.41	124.00	108.53
3. Emerging Growth Areas (formerly Growth Corridor Areas)						
a) Batangas	183.00	158.00	138.00	129.06	111.42	97.32
b) Cavite	183.00	158.00	138.00	122.16	105.47	92.12
c) Laguna	183.00	158.00	138.00	121.49	104.64	91.39
d) Rizal	183.00	158.00	138.00	130.25	112.46	98.22
4. Emerging Growth Areas						
a) Marinduque	165.00	145.00	125.00	114.90	100.97	87.05
b) Occidental Mindoro	165.00	145.00	125.00	121.41	106.70	91.98
c) Oriental Mindoro	165.00	145.00	125.00	114.11	100.28	86.45
d) Palawan	165.00	145.00	125.00	124.72	109.60	94.48
e) Quezon	165.00	145.00	125.00	127.91	112.40	96.90
5. Resource-Based Areas (formerly Growth Corridor Areas)						
a) Batangas	181.00	156.00	136.00	127.64	110.01	95.91
b) Cavite	181.00	156.00	136.00	120.83	104.14	90.79
c) Laguna	181.00	156.00	136.00	119.87	103.31	90.07
d) Rizal	181.00	156.00	136.00	128.83	111.03	96.70
6. Resource-Based Areas (formerly Emerging Growrh Areas)						
a) Quezon	163.00	143.00	123.00	126.36	110.85	95.35
7. Resource-Based Areas						
a) Aurora	153.00	138.00	118.00	114.01	102.83	87.93
b) Marinduque	153.00	138.00	118.00	106.55	96.10	82.17
c) Occidental Mindoro	153.00	138.00	118.00	112.58	101.55	86.83
d) Oriental Mindoro	153.00	138.00	118.00	105.81	95.44	81.60
e) Palawan	153.00	138.00	118.00	115.65	104.31	89.19
f) Romblon	153.00	138.00	118.00	106.55	96.10	82.17

Table 11.7 (continued)
NOMINAL AND REAL MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION
1998
(In pesos)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
Region 5 - Bicol Region						
a) Catanduanes	149.00 [f]	136.00	116.00	97.51 [f]	89.00	75.92
	141.00 [g]			92.28 [g]		
	123.00 [h]			80.50 [h]		
b) Legazpi	163.00 [f]	150.00	130.00	102.26 [f]	94.10	81.56
	155.00 [g]			97.24 [g]		
	133.00 [h]			83.44 [h]		
c) Masbate	149.00 [f]	136.00	116.00	100.20 [f]	91.46	78.01
	141.00 [g]			94.82 [g]		
	123.00 [h]			82.72 [h]		
d) Naga	163.00 [f]	150.00	130.00	115.36 [f]	106.16	92.00
	155.00 [g]			109.70 [g]		
	133.00 [h]			94.13 [h]		
e) Pili and Iriga	160.00 [f]	145.00	125.00	113.23 [f]	102.62	88.46
	150.00 [g]			106.16 [g]		
	130.00 [h]			92.00 [h]		
f) Tabago and Daraga	160.00 [f]	145.00	125.00	100.38 [f]	90.97	78.42
	150.00 [g]			94.10 [g]		
	130.00 [h]			81.56 [h]		
g) Rest of the Region						
1) Albay	153.00 [f]	140.00	120.00	95.98 [f]	87.83	75.28
	145.00 [g]			90.97 [g]		
	123.00 [h]			77.16 [h]		
2) Camarines Norte	153.00 [f]	140.00	120.00	110.71 [f]	101.30	86.83
	145.00 [g]			104.92 [g]		
	123.00 [h]			89.00 [h]		
3) Camarines Sur	153.00 [f]	140.00	120.00	108.28 [f]	99.08	84.93
	145.00 [g]			102.62 [g]		
	123.00 [h]			87.06 [h]		
4) Sorsogon	153.00 [f]	140.00	120.00	106.25 [f]	97.22	83.33
	145.00 [g]			100.69 [g]		
	123.00 [h]			85.42 [h]		
Region 6 - Western Visayas						
All Provinces	146.85 [l]	127.40 [r,l]	99.85 [r,l]			
	136.85 [j]	117.40 [r,j]	89.85 [r,j]			
	117.40 [k]	117.40 [r,l]	89.85 [r,l]			
	136.85 [l]	96.90 [r,m]	74.35 [r,m]			
	112.35 [m]	10.00 [r,o]	10.00 [r,o]			
	96.90 [n]	20.50 [r,p]	15.50 [r,p]			
	10.00 [o]	120.90 [s,l]				
	24.50 [p]	110.90 [s,j]				
	20.50 [q]	110.90 [s,l]				

Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
All Provinces		91.40 [s,m]				
		10.00 [s,o]				
		19.50 [s,p]				
		104.40 [w,t]				
		85.90 [w,u]				
		18.50 [w,v]				
a) Aklan				102.19 [i]	88.66 [r,l]	69.49 [i]
				95.23 [j]	81.70 [r,j]	62.53 [j]
				81.70 [k]	84.13 [s,l]	
					77.17 [s,j]	
					72.65 [s,k]	
b) Antique				109.51 [i]	95.00 [r,l]	74.46 [i]
				102.05 [j]	87.55 [r,j]	67.00 [j]
				87.55 [k]	90.16 [s,l]	
					82.70 [s,j]	
					77.85 [s,k]	
c) Capiz				101.35 [i]	87.92 [r,l]	68.91 [i]
				94.44 [j]	81.02 [r,j]	62.01 [j]
				81.02 [k]	83.44 [s,l]	
					76.54 [s,j]	
					72.05 [s,k]	
d) Guimaras				109.67 [i]	95.15 [r,l]	74.57 [i]
				102.20 [j]	87.68 [r,j]	67.10 [j]
				87.68 [k]	90.29 [s,l]	
					82.82 [s,j]	
					77.97 [s,k]	
e) Iloilo				113.84 [i]	98.76 [r,l]	77.40 [i]
				106.09 [j]	91.01 [r,j]	69.65 [j]
				91.01 [k]	93.72 [s,l]	
					85.97 [s,j]	
					80.93 [s,k]	
f) Negros Occidental				109.02 [i]	94.58 [r,l]	74.13 [i]
				101.60 [j]	87.16 [r,j]	66.70 [j]
				87.16 [k]	89.76 [s,l]	
					82.33 [s,j]	
Region 7 - Central Visayas						
1. Class A						
a. Cities of Cebu, Mandaue and Lapu-lapu	165.00 [x]	147.00 [a]	122.00	116.28 [x]	103.59 [a]	85.98
	159.00 [y]	140.00 [b]		112.05 [y]	98.66 [b]	
	149.00 [z]			105.00 [z]		
b. Municipalities of Talisay, Minglanilla, Naga, Concolacion, Liloan, Composela and Cordova	160.00 [x]	142.00 [a]	117.00	117.99 [x]	104.72 [a]	86.28
	154.00 [y]	135.00 [b]		113.57 [y]	99.56 [b]	
	144.00 [z]			106.19 [z]		

Table 11.7 (continued)
NOMINAL AND REAL MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION
1998
(In pesos)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
c. Municipalities of Carcar and San Fernando	125.00 [x]	119.00 [a]	94.50	92.18 [x]	87.76 a	69.69
	121.00 [y]	112.00 [b]		89.23 [y]	82.60 b	
	111.00 [z]			81.86 [z]		
2. Class B						
a. City of Toledo	140.00 [x]	130.00 [a]	105.00	103.24 [x]	95.87 a	77.43
	137.00 [y]	123.00 [b]		101.03 [y]	90.71 b	
	127.00 [z]			93.66 [z]		
b. The rest of the municipalities in the	125.00 [x]	119.00 [a]	94.50	92.18 [x]	87.76 a	69.69
province of Cebu except the municipalities	121.00 [y]	112.00 [b]		89.23 [y]	82.60 b	
in the islands of Bantayan and Camotes	111.00 [z]			81.86 [z]		
3. Class C						
a. All cities in the provinces of Bohol and	140.00 [x]	130.00 [a]	105.00	98.25 [x]	91.23 a	73.68
Negros Oriental incl. the municipalities of	137.00 [y]	123.00 [b]		96.14 [y]	86.32 b	
Manjuyod,Tanjay & Sibulan, Negros Orient	127.00 [z]			89.12 [z]		
4. Class D						
a. Municipalities in the province of Siquijor	125.00 [x]	119.00 [a]	94.50	87.72 [x]	83.51 a	66.32
and the islands of Bantayan and Camotes	121.00 [y]	112.00 [b]		84.91 [y]	78.60 b	
	111.00 [z]			77.89 [z]		
Region 8 - Eastern Visayas						
a) Cities of Tacloban and Ormoc	153.00	143.00 [a]	122.50	102.96	96.23 [a]	82.44
and Leyte Province		138.00 [b]			92.87 [b]	
b) Calbayog City and Western Samar	149.00	139.00 [a]	118.50	105.00	97.96 [a]	83.51
		134.00 [b]			94.43 [b]	
c) Southern Leyte	149.00	139.00 [a]	118.50	104.71	97.68 [a]	83.27
		134.00 [b]			94.17 [b]	
d) Eastern Samar	149.00	139.00 [a]	118.50	99.87	93.16 [a]	79.42
		134.00 [b]			89.81 [b]	
e) Northern Samar	149.00	139.00 [a]	118.50	111.36	103.89 [a]	88.57
		134.00 [b]			100.15 [b]	
f) Sub-province of Biliran	149.00	139.00 [a]	118.50	102.96	95.86 [a]	81.72
		134.00 [b]			92.41 [b]	
Region 9 - Western Mindanao						
a) Province of Basilan	142.00	124.00	101.00	102.53	89.53	72.92
b) Provinces of Zamboanga del Sur and	139.00	123.00	98.00	95.60	84.59	67.40
Zamboanga del Norte and the cities of						
Pagadian, Dapitan and Dipolog						
c) Zamboanga City	136.00	118.00	95.00	93.92	81.49	65.61
Region 10 - Northern Mindanao						
a) Cagayan de Oro, City and the municipalities	149.00	139.00 [a]	139.00	107.50	100.29 [a]	100.29
of Tagoloan, Jasaan and Villanueva		139.00 [b]			100.29 [b]	
b) Cities of Gingoog, Tangub, Oroquieta,	147.00	137.00 [a]	137.00	103.67	96.61 [a]	96.61
Ozamis & all other cities that maybe created		137.00 [b]			96.61 [b]	
hereafter & municipalities of Malaybalay and Valencia						

Table 11.7 (continued)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
c) All other municipalities	142.00	132.00 [a]	132.00	100.14	93.09 [a]	93.09
		132.00 [b]			93.09 [b]	
Region 11 - Southern Mindanao						
a) Davao City	145.00	135.00 [a]	114.50	103.35	96.22 [a]	81.61
		130.00 [b]			92.66 [b]	
b) Davao del Norte	143.00	133.00 [a]	112.50	107.60	100.08 [a]	84.65
		128.00 [b]			96.31 [b]	
c) Davao del Sur	143.00	133.00 [a]	112.50	104.84	97.51 [a]	82.48
		128.00 [b]			93.84 [b]	
d) Davao Oriental	141.00	131.00 [a]	110.50	99.23	92.19 [a]	77.76
		126.00 [b]			88.67 [b]	
e) General Santos City	145.00	135.00 [a]	114.50	108.50	100.60 [a]	85.32
		130.00 [b]			96.87 [b]	
f) Sultan Kudarat	136.00	122.00 [a]	122.00	96.52	86.59 [a]	86.59
		122.00 [b]			86.59 [b]	
g) South Cotabato	143.00	133.00	112.00	101.56		
		128.00				
Region 12 - Central Mindanao						
a) Cotabato City	135.00	117.00		95.88	83.10	83.10
b) Cotabato Province	130.00	114.00		103.83	91.05	
c) Iligan City	141.00	122.00		101.44	87.77	
d) Marawi City	141.00	122.00		98.46	85.20	
e) Lanao del Norte	137.00	121.00		98.56	87.05	
Region 13 - Caraga						
a) Agusan del Norte	131.00					
	134.00 [t]	121.00 [a,t]	100.50 [t]	90.66 [t]	83.74 [a,t]	69.55 [t]
	119.00 [u]	109.00 [a,u]	88.50 [u]	92.73 [ad]		
	12.00 [v]	12.00 [a,v]	12.00 [v]			
	15.00 [ad]					
		116.00 [b,t]			80.28 [a,t]	
		104.00 [b,u]				
		12.00 [b,v]				
b) Agusan del Sur	129.00	119.00 [a,t]	98.50 [t]	92.81	85.61 [a,t]	70.86 [t]
	132.00 [t, ad]	107.00 [a,u]	86.50 [u]	94.96 [ad]		
	117.00 [u]	12.00 [a,v]	12.00 [v]			
	12.00 [v]					
	15.00 [ad]	114.00 [b,t]			82.01 [a,t]	
		102.00 [b,u]				
		12.00 [b,v]				

Table 11.7 (continued)

NOMINAL AND REAL MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS BY REGION

1998

(In pesos)

Region	At Nominal Prices			At Real Prices (1994=100)		
		Agriculture			Agriculture	
	Non-Agriculture	Plantation	Non-Plantation	Non-Agriculture	Plantation	Non-Plantation
c) Butuan City	131.00	124.00 [a,t]	103.50 [t]	90.66	85.81 [a,t]	71.63 [t]
	134.00 [t, ad]	109.00 [a,u]	88.50 [u]	92.73 [ad]		
	119.00 [u]	15.00 [a,v]	15.00 [v]			
	12.00 [v]					
		119.00 [b,t]			82.35 [a,t]	
		104.00 [b,u]				
		15.00 [b,v]				
d) Surigao City	129.00	122.00 [a,t]	101.50 [t]	86.35	81.66 [a,t]	67.94 [t]
	132.00 [t, ad]	107.00 [a,u]	86.50 [u]	88.35 [ad]		
	117.00 [u]	15.00 [a,v]	15.00 [v]			
	12.00 [v]					
	15.00	117.00 [b,t]			78.31 [a,t]	
		102.00 [b,u]				
		15.00 [b,v]				
e) Surigao del Norte	129.00	119.00 [a,t]	98.50 [t]	86.35	79.65 [a,t]	65.93 [t]
	132.00 [t, ad]	107.00 [a,u]	86.50 [u]	88.35		
	117.00 [u]	12.00 [a,v]	12.00 [v]			
	12.00 [v]					
	15.00	114.00 [b,t]			76.31 [a,t]	
		102.00 [b,u]				
		12.00 [b,v]				
f) Surigao del Sur	140.00	130.00 [a,t]	109.50 [t]	103.70	76.30 [a,t]	81.11 [t]
		120.00 [a,u]	99.50 [u]			
	130.00 [u]	10.00 [a,v]	10.00 [v]			
	10.00 [v]					
		125.00 [b,t]			92.59 [a,t]	
		115.00 [b,u]				
		10.00 [b,v]				
Autonomous Region in Muslim Mindanao						
a) Lanao del Sur	140.00 [aa]	124.00 [r]	118.00	100.14 [aa]	88.07 [r]	84.41
	135.60 [ab]	117.80 [s]		97.00 [ab]	84.26 [s]	
	131.20 [ac]			93.85 [ac]		
b) Maguindanao	140.00 [aa]	124.00 [r]	118.00	99.43 [aa]	88.07 [r]	83.81
	135.60 [ab]	117.80 [s]		96.31 [ab]	83.66 [s]	
	131.20 [ac]			93.18 [ac]		
c) Sulu	138.00 [aa]	122.00 [r]	116.00	78.01 [aa]	68.97 [r]	65.57
	133.60 [ab]	115.80 [s]		75.52 [ab]	65.46 [s]	
	129.20 [ac]			73.04 [ac]		
d) Tawi-Tawi	138.00 [aa]	122.00 [r]	116.00	103.76 [aa]	91.73 [r]	87.22
	133.60 [ab]	115.80 [s]		100.45 [ab]	87.07 [s]	
	129.20 [ac]			97.14 [ac]		

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 with less than 30 employees or with total assets of less than P30 million.
[f] - For establishments employing more than 15 worlers
[g] - For establishments employing 11 - 15 workers
[h] - For establishments employing not more than 10 workers
[i] - Total wage in enterprises with capital of more than P3million
[j] - Total wage in enterprises with capital of more than P1million but not more than P3 million
[k] - Total wage in enterprises with capital of P 1 million or less
[l] - Basic pay in enterprises with more than P3million
[m] - Basic pay in enterprises with capital of more than P1million but not more than P3 million
[n] - Basic pay in enterprises with capital of not more than P 1 million
[o] - Cost of living allowance in enterprises with capital of more than P3million
[p] - Cost of living allowance in enterprises with capital of more than P1million but not more than P3 million
[q] - Cost of living allowance in enterprises with caoital of not more than P 1 million
[r] - More than 24 hectares or employing at least 20 workers with Annual Gross sales of P5 million or more
[s] - More than 24 hectares or employing at least 20 workers with Annual Gross sales of less than P5 million
[t] - Total wage
[u] - Basic pay
[v] - Cost of living allowance
[w] - For enterprises with capital of P1 million or less
[x] - For establishments 20 workers with total assets of more than P5 million
[y] - For establishments with more than 20 or less workers with total assets of P5 million or less
[z] - For establishments with more than 20 or less workers with capitalization of P500,000 or less
[aa] - Employing more than 20 workers
[ab] - Employing 11 - 20 workers
[ac] - Employing not more than 10 workers
[ad] - For workers in mining and cement industriex

Sources: National Wages and Productivity Commission, National Statistics Office, and Bureau of Labor and Employment Statistics.

Table 11.8
PROCESSED OVERSEAS FILIPINO WORKERS
1988 to 1998

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
1998	740,157	535,171	204,986

Source: Philippine Overseas Employment Administration.

Table 11.9
DEPLOYED OVERSEAS FILIPINO WORKERS
1988 to 1998

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
1998	755,684	562,384	193,300

Source: Philippine Overseas Employment Administration.

Table 11.10
DEPLOYED LAND-BASED OVERSEAS FILIPINO WORKERS BY MAJOR WORLD GROUPING
1988 to 1998

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 [a]	3,517	235,129	12,626	221,047	1,970	7,058	5,280
1998	486,045	5,548	221,257	15,682	226,803	2,062	8,210	6,483

[a] - Includes deployed landbased Filipino workers by country of destination, LAC NAIA cabin crews, and POEA Regional Extension Units.

Source: Philippine Overseas Employment Administration.

Table 11.11
NUMBER OF STRIKES/LOCKOUT NOTICES FILED, ACTUAL STRIKES, WORKERS INVOLVED AND MAN-DAYS LOST, PHILIPPINES
1988 to 1998

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
1998	809	92	80	12	34,478	557

Source: National Conciliation and Mediation Board.

Table 11.12
NUMBER AND MEMBERSHIP OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS BY REGION
1990 to 1998

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
1990	4,637	3,055,091	2,734	2,365,905	50	18,656	55	8,242	36	4,918	293	129,671	396	77,254
1991	5,236	3,112,993	2,997	2,396,524	58	19,978	72	10,080	42	5,162	315	132,885	449	82,878
1992	5,710	3,142,031	3,242	2,408,419	63	20,182	76	10,879	43	5,182	345	135,138	512	87,242
1993	6,340	3,196,750	3,555	2,441,817	68	20,798	83	10,856	37	3,190	379	137,034	594	93,583
1994	7,274	3,511,084	3,799	2,711,553	72	22,720	89	11,074	34	2,959	433	125,513	697	102,922
1995	7,882	3,586,835	4,023	2,742,817	82	22,994	92	11,918	40	3,418	485	129,268	820	117,449
1996	8,250	3,612,353	4,171	2,758,683	88	23,143	98	12,905	44	4,064	504	132,389	919	125,495
1997	8,822	3,634,638	4,312	2,768,118	91	23,466	103	13,180	45	3,573	518	119,358	1,005	139,774
1998	9,281	3,670,258	4,450	2,777,900	97	23,867	107	13,462	50	4,183	534	125,304	1,070	144,049

[a] - Data on public sector unions include those in ARMM.
[b] - Data excludes CARAGA.
Source: Bureau of Labor and Employment Statistics.

Table 11.13
COLLECTIVE BARGAINING AGREEMENT FILED AND WORKERS COVERED BY REGION
1990 to 1998

Year	Philippines		NCR		CAR		Region 1		Region 2		Region 3		Region 4	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
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	1,084	83,885	835	45,077	6	3,710	1	165	-	-	24	3,379	60	9,649
1994	762	56,942	528	22,444	3	120	9	726	1	96	37	7,805	51	7,065
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	531	92,177	263	30,517	5	352	7	920	1	184	35	11,572	69	26,197
1998	427	68,350	232	36,003	1	15	7	495	2	255	20	2,632	38	11,763

[a] - Data on public sector unions include those in ARMM.
[b] - Revised due to inventory.
Source: Bureau of Labor and Employment Statistics.

Table 11.12 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12[a]	
No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship	No.	Member-Ship
140	10,737	208	215,005	158	71,606	72	17,407	49	16,080	173	41,227	159	63,406	114	14,977
160	11,003	222	216,138	200	73,656	79	17,897	100	17,110	246	49,448	179	65,802	117	14,432
176	12,133	241	217,603	218	75,477	88	18,315	109	17,506	267	51,504	195	66,784	135	15,667
192	12,703	269	218,990	264	78,476	113	20,122	134	18,787	290	55,849	213	68,255	149	16,290
203	13,412	284	221,799	657	114,595	144	19,155	144	19,555	314	57,958	238	69,235	166	18,634
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	121,139	168	21,435	172	20,255	258	47,310 [b]	297	82,032	202	20,179
250	16,083	377	230,352	803	124,819	178	21,964	179	20,556	270	47,307	481	84,881	210	21,207
256	17,052	477	230,600	856	128,269	189	22,837	191	21,238	276	50,227	507	89,484	221	21,786

Table 11.13 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12[a]	
CBAs	Workers Covered	CBAs	Workers Covered	CBA	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBA	Workers Covered
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
5	154	14	2,200	52	6,563	14	719	5	227	11	3,594	28	4,980	4	249
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	660	19	5,888	73	7,960	3	301	9	1,683	11	970	22	2,789	5	2,184
5	803	27 [b]	6,519 [b]	42	3,575	9	1,782	9	551	7	1,040	26	2,824	2	93

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.

To address 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.

Table 12.1	Unduplicated Number of Clients Served by the Department of Social Welfare and Development by Region and Clientele Category: 1997 and 1998	12-4
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Figure 12.1 *NUMBER OF OCCURRENCE OF MAJOR NATURAL DISASTERS, PHILIPPINES: 1998* .

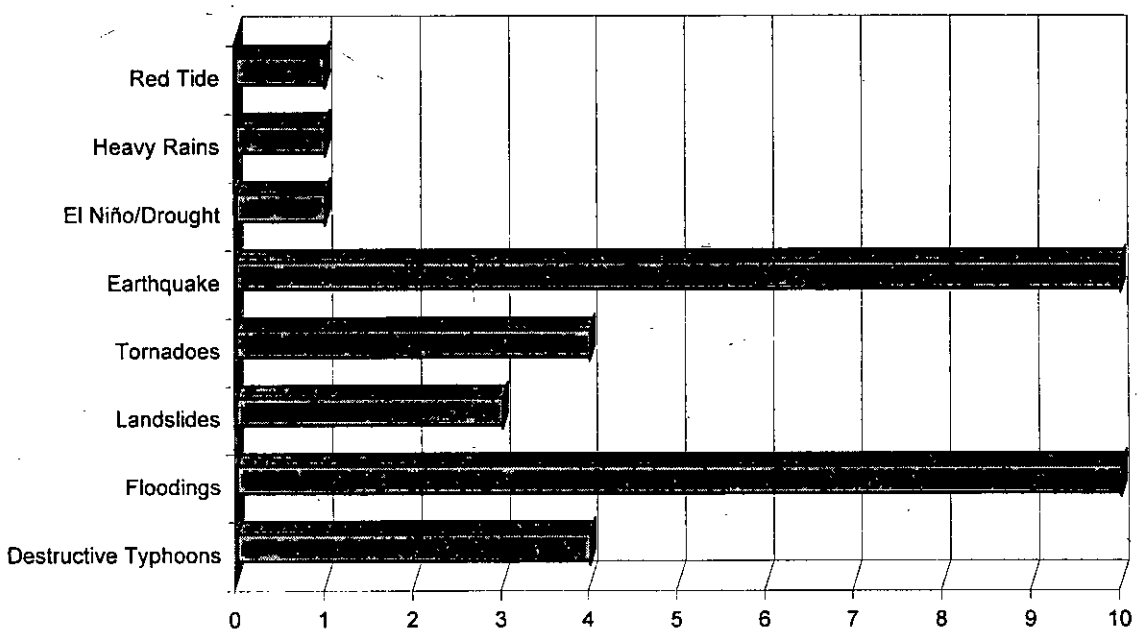

Figure 12.2 *CALAMITY FUNDS RECEIVED BY REGION FOR THE YEAR 1998*

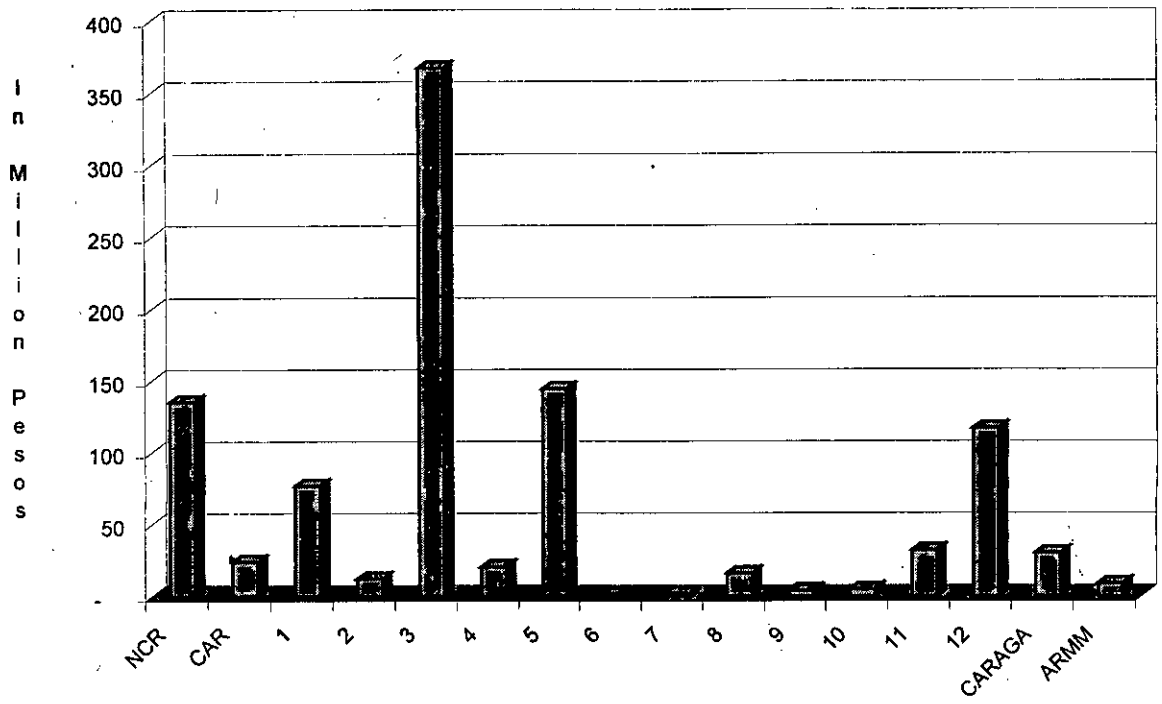

Table 12.1
UNDUPLICATED NUMBER OF CLIENTS SERVED BY THE DEPARTMENT OF SOCIAL WELFARE AND DEVELOPMENT BY CLIENTELE CATEGORY
1997 to 1998

Region		Families		Children		Youth	
		1997	1998	1997	1998	1997	1998
	Total	245,816	284,333	40,920	29,859	35,675	17,319
NCR	National Capital Region	1,343	1,407	3,132	5,179	4,912	1,671
CAR	Cordillera Administrative Region	7,776	19,833	1,295	1,014	1,410	318
1	Ilocos Region	620	3,204	2,592	1,978	2,168	219
2	Cagayan Valley	12,045	8,947	2,480	1,045	228	3,839
3	Central Luzon	10,010	53,151	4,846	3,116	1,331	876
4	Southern Tagalog	3,639	10,531	7,811	6,357	1,395	1,136
5	Bicol Region	4,992	8,632	1,942	922	157	778
6	Western Visayas	72,041	36,186	1,859	339	560	195
7	Central Visayas	22,065	10,801	3,705	2,906	4,661	945
8	Eastern Visayas	20,943	11,802	1,742	923	15,109	570
9	Western Mindanao	9,510	29,516	2,895	1,724	338	2,100
10	Northern Mindanao	8,747	14,305	1,704	954	528	1,500
11	Southern Mindanao	38,671	24,407	3,089	1,499	769	1,046
12	Central Mindanao	12,955	29,549	1,171	1,089	2,033	1,271
13	CARAGA	20,459	22,062	657	814	76	855

[a]- data not yet available.

Source: Department of Social Welfare and Development.

Table 12.1 (continued)

Persons with Disability/Elderly		Women		Local Government Units		Non- Government Organizations		Private Organizations	
1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
10,374	14,639	49,468	45,440	a	6,765	a	685	a	6,189
1,986	4,049	5,693	4,599	a	66	a	188	a	19
820	229	2,458	2,594	a	314	a	46	a	70
1,685	2,764	1,870	3,158	a	312	a	26	a	2
266	375	3,523	2,535	a	261	a	40	a	12
243	747	4,163	4,856	a	148	a	56	a	307
243	180	4,698	4,990	a	570	a	17	a	390
340	544	2,389	2,660	a	191	a	48	a	201
285	741	2,515	49	a	620	a	78	a	1,116
1,301	1,074	4,176	4,006	a	309	a	45	a	1,169
632	247	1,042	1,855	a	1,153	a	7	a	13
619	1,434	3,847	2,741	a	166	a	43	a	27
483	268	3,268	1,652	a	213	a	18	a	361
953	1,214	6,832	4,924	a	672	a	56	a	2,189
449	712	2,265	3,732	a	1,229	a	10	a	16
69	61	729	1,089	a	541	a	7	a	297

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 [a]
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 [1]	All Funds	Social Insurance Fund [2]	Optional Life Insurance Fund [3]	General Insurance Fund [4]	Medicare Insurance Fund [5]	Employees Compensation Insurance Fund [6]
1976 [a]	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
1991 to 1998

Year	Coverage [1]		Amount (in million pesos)			
	Employees	Employers	Total	Social Security [2]	Medicare [2]	Employee's Compensation [3]
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	15,472	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
1998	20,164	547	26,716	24,517	1,732	467

[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
1991 to 1998
(Amount in million pesos)

Year	All Types		Social Security		Medicare		Employees' Compensation	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
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
1998	1,467,990	26,031	1,392,074	23,975	-	1,152*	75,916	904

* January-March only.
Source: Social Security System.

Table 12.7
NUMBER OF CONTRIBUTORS AND AMOUNT OF CONTRIBUTIONS RECEIVED BY THE HOME DEVELOPMENT MUTUAL FUND
1991 to 1998

Year	Number of of Contributors	Total Contributions (In million pesos)
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
1998	4,640,170	9,584

Source: Home Development Mutual Fund (Pag-IBIG Fund).

Table 12.8
NUMBER OF BENEFICIARIES AND AMOUNT OF PROVIDENT BENEFITS BY TYPE PAID BY THE HOME DEVELOPMENT MUTUAL FUND
1991 to 1998
(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
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
1998	62,837	1,534	47,459	1,366	11,988	127	1,026	15	1,806	19	558	7

Source: Home Development Mutual Fund (Pag-IBIG Fund).

Table 12.9
DAMAGES CAUSED BY MAJOR NATURAL DISASTERS AND BY MAN-MADE DISASTERS, PHILIPPINES 1998

DISASTERS	Occurrence	Casualties			Affected		House Damaged		Cost of Damages
		Dead	Injured	Missing	Families	Persons	Total	Partial	(million pesos)
Total	262	1,155	1,319	186	1,756,705	7,945,998	137,949	406,470	27.745
Natural Disasters	34	499	874	105	1750579	7914042	137316	406434	24.967
a. Destructuve Typhoons	4	490	865	104	1,585,699	6,995,940	137,020	406,347	17.017
b. Floodings	10	-	-	-	59,663	286,828	140	59	0.060
c. Landslides	3	6	1	1					0.000
d. Tornadoes	4	2	-	-	98	582	154	11	0.000
e. Earthquake	10	-	8	-				15	0.023
f. El Niño/Drought	1	-	-	-	105,095	630,570			7.762
g.Heavy Rains	1	-	-	-			2	2	0.105
h. Red Tide	1	1	-	-	24	122			0.000
Man-Made Disasters	228	656	445	81	6126	31956	633	36	2.778
a. Sea Mishaps (Princess of the Orient)	4	101	355	81	0	0	0	0	0.000
b. Civil Disturbances	5	-	-		129	629	0	0	0.000
c. Forest Fires	84	-	-		197	828	80	0	0.510
d. Diseases Outbreak	1	370	17	0	2,600	15,602	0	0	0.000
e. Air Mishap (Cebu Pacific)	5	114	2	0	0	0	0	0	0.000
f. Grenade/Bomb Explosion	8	8	7	0	0	0	0	0	0.000
g. Vehicular Accident	7	7	11	0	0	0	0	0	0.000
h. Structural Fire	114	56	53		3,200	14,897	553	36	2.268

Source: National Disaster and Coordinating Council.

Table 12.10
CALAMITY FUNDS RECEIVED BY REGION AND PROVINCE
1998

Recipient Province/City	Amount
Philippines	998,419,977
NCR	135,300,000
DILG/PNP/NCR	5,000,000
Philippine Postal Corporation	41,800,000
Cultural Center of the Phil.	5,000,000
Western Police District	1,500,000
DPWH/NCR	79,000,000
Valenzuela, MM	2,000,000
DOH/OSEC	1,000,000
CAR	24,200,000
NDCC/OCD	6,000,000
Abra	7,200,000
Benguet	2,000,000
Ifugao	4,000,000
Kalinga	5,000,000
1 Ilocos Region	76,917,027
DND/OCD/Region I	2,520,506
NDCC/OCD	2,000,000
Ilocos Norte	2,800,000
Ilocos Sur	5,500,000
La Union	50,500,000
Pangasinan	13,596,521
2 Cagayan Valley	12,300,000
DND/OCD/Region 2	300,000
NDCC/OCD	2,000,000
Isabela	4,000,000
Nueva Vizcaya	4,000,000
Quirino	2,000,000
3 Central Luzon	367,379,000
DND/OCD/Region 3	11,875,000
DPWH/Region 3	300,000,000
Bataan	13,854,000
Bulacan	3,000,000
Nueva Ecija	5,150,000
San Jose City	8,500,000
Tarlac	5,000,000
Pampanga	5,000,000
Zambales	15,000,000
4 Southern Tagalog	20,600,000
DND/Western Command	1,500,000
Quezon	1,600,000
Cavite	2,000,000
Laguna	500,000
Marinduque	1,500,000
Occidental Mindoro	6,000,000
Oriental Mindoro	2,000,000
Palawan	1,500,000
Romblon	4,000,000
5 Bicol Region	144,407,200
Albay	18,717,200
Camarines Sur	108,000,000
Iriga City	3,440,000
Catanduanes	5,000,000
Sorsogon	9,250,000
6 Western Visayas	2,000,000
Iloilo	1,500,000
Bacolod City	500,000
7 Central Visayas	2,000,000
Cebu City	2,000,000
8 Eastern Visayas	16,200,000
Eastern Samar	6,200,000
Leyte	10,000,000
9 Western Mindanao	4,000,000
Zamboanga Del Sur	2,000,000
Sulu	2,000,000
10 Northern Mindanao	5,000,000
Mindanao	5,000,000
11 Southern Mindanao	32,000,000
Davao del Norte	3,000,000
Davao del Sur	29,000,000
12 Central Mindanao	117,000,000
DSWD	600,000
National Food Authority	111,400,000
Cotabato	5,000,000
13 CARAGA	30,200,000
DFA	27,200,000
Surigao del Norte	3,000,000
ARMM	8,916,750
DND	3,380,000
Lanao del Sur	2,000,000
Maguindanao	2,500,000
Sulu	1,036,750

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 kilometers 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 1998

Year	Philippine National Railways									Metro Manila Rail Commuter [1]		
	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	81.71	-	-	-	1.7	1,256.0	720.88	3,007.0	9,705.0	3.22
1997	613.5	81,303.0	132.57	-	-	-	3.8	341.3	898.20	3,077.0	11,675.0	3.79
1998	578.1	90,306.0	156.21	-	-	-	3.5	5,646.5	1,613.29	4,702.1	21,761.0	4.63

[1] 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
1990 to 1998

Type of Vehicle	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total Motor Vehicles	1,620,242	1,715,366	1,879,563	2,125,115	2,341,469	2,581,354	2,904,487	3,193,549	3,316,817
Private	1,305,142	1,370,084	1,518,767	1,685,080	1,847,771	2,030,705	2,277,102	2,488,595	2,558,305
Cars	419,410	421,976	453,112	498,126	537,446	581,910	641,738	666,671	666,999
Utility vehicles	517,679	558,347	624,698	689,406	754,829	837,271	928,159	1,004,018	1,048,202
Buses	3,279	3,399	4,796	3,948	4,155	3,735	4,080	3,051	2,885
Trucks	116,956	123,291	134,719	151,207	164,804	177,004	203,316	224,228	210,728
Motorcycles/ Tricycles	232,848	247,328	284,526	322,944	365,679	407,050	472,492	561,287	604,746
Trailers	14,970	15,743	16,916	19,449	20,858	23,735	27,317	29,340	24,745
For hire	246,082	280,254	307,887	386,777	437,797	493,103	564,974	639,083	693,463
Cars	13,676	16,360	19,484	24,047	26,195	35,977	51,299	66,512	72,531
Utility vehicles	71,365	87,285	96,471	119,208	131,939	135,229	144,193	156,903	165,992
Buses	14,667	16,884	20,493	20,303	23,095	23,983	25,002	28,608	28,619
Trucks	6,515	7,534	7,484	9,232	10,312	10,832	11,531	11,843	13,614
Motorcycles/ Tricycles	138,948	151,091	162,694	212,639	244,873	285,366	331,299	373,060	410,126
Trailers	911	1,100	1,261	1,348	1,383	1,716	1,650	2,157	2,581
Government	45,482	44,759	43,363	47,185	48,865	51,160	57,466	60,695	60,266
Cars	6,052	5,724	4,846	4,843	4,725	4,613	5,473	6,007	5,614
Utility vehicles	23,704	22,732	22,064	25,130	25,431	25,428	28,400	29,947	29,626
Buses	386	402	518	350	345	458	247	274	301
Trucks	5,607	4,552	4,210	4,632	4,546	4,878	5,464	6,661	6,890
Motorcycles/ Tricycles	9,617	11,144	11,603	12,065	13,713	15,571	17,754	17,664	17,699
Trailers	116	205	122	165	105	212	128	142	136
Diplomatić	5,895	6,205	3,227	3,241	3,309	3,070	3,273	3,028	3,465
Exempt	17,641	14,064	6,319	2,832	3,727	3,316	1,672	2,148	1,318

Source: Land Transportation Office.

Table 13.3
NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE, STATUS, AND BY REGION
1981 to 1998

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
1998	364,963	2,951,854	40,565	708,639	103,355	1,140,664	14,748	216,594	2,130	29,676	202,298	830,296	1,867	25,985
NCR	134,871	1,099,501	32,298	469,761	49,340	442,521	7,393	57,795	730	8,742	43,905	106,713	1,205	13,969
CAR	2,128	39,792	166	9,449	980	19,958	36	3,347	35	410	910	6,588	1	40
Region 1	19,671	143,487	485	14,999	2,411	49,107	107	10,295	173	2,246	16,460	66,061	35	779
Region 2	12,088	92,601	88	5,493	1,659	28,575	162	10,122	64	1,209	9,983	45,974	132	1,228
Region 3	34,063	342,995	1,566	47,423	10,288	156,936	394	26,104	127	3,719	21,521	105,623	167	3,190
Region 4	49,541	373,202	1,463	55,360	19,800	180,284	309	21,181	248	4,013	27,673	111,186	48	1,178
Region 5	10,694	76,227	29	6,715	527	23,701	109	5,894	164	1,302	9,856	38,461	9	154
Region 6	17,279	156,151	853	23,235	3,360	53,771	145	21,553	128	1,441	12,781	55,219	12	932
Region 7	35,851	221,816	2,052	36,564	8,286	62,129	5,394	20,867	68	1,616	19,869	98,409	182	2,231
Region 8	7,817	51,403	43	2,625	581	15,929	16	5,320	46	893	7,126	26,416	5	220
Region 9	9,298	64,902	26	3,541	933	17,667	47	4,601	12	699	8,262	38,250	18	144
Region 10	8,451	66,031	355	8,153	1,530	21,910	79	7,585	17	1,462	6,467	26,520	3	401
Region 11	14,263	142,300	1,083	18,973	2,737	42,060	412	15,076	118	1,273	9,873	63,734	40	1,184
Region 12	4,985	51,397	36	4,306	573	16,065	136	3,678	18	305	4,215	26,818	7	225
Region 13	3,963	30,049	22	2,042	350	10,051	9	3,176	182	346	3,397	14,324	3	110

Source: Land Transportation Office.

Table 13.4
NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE, FUEL USED, AND BY REGION
1981 to 1998

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
1998	2,287,697	1,001,268	719,649	29,555	527,840	716,179	6,851	224,491	763	31,043	1,032,594	0	27,852
NCR	835,446	383,752	478,903	23,156	202,870	288,991	2,787	62,401	268	9,204	150,618	0	15,174
CAR	21,048	20,831	8,000	1,615	5,419	15,519	125	3,258	6	439	7,498	0	41
Region 1	119,860	42,484	15,332	152	21,983	29,535	24	10,378	0	2,419	82,521	0	814
Region 2	71,955	31,384	5,300	281	10,625	19,619	67	10,217	6	1,267	55,957	0	1,360
Region 3	247,401	126,300	48,277	712	71,610	95,614	340	26,158	30	3,816	127,144	0	3,357
Region 4	281,643	139,874	55,869	954	85,910	114,174	977	20,513	28	4,233	138,859	0	1,226
Region 5	64,123	22,635	6,602	142	9,162	15,066	29	5,974	13	1,453	48,317	0	163
Region 6	117,115	55,371	23,277	811	24,215	32,916	1,603	20,095	20	1,549	68,000	0	944
Region 7	197,183	58,071	37,953	663	40,678	29,737	264	25,997	10	1,674	118,278	0	2,413
Region 8	44,668	14,327	2,594	74	8,317	8,193	177	5,159	38	901	33,542	0	225
Region 9	61,363	12,675	3,528	39	11,120	7,480	169	4,479	34	677	46,512	0	162
Region 10	51,056	23,022	8,460	48	9,490	13,950	95	7,569	24	1,455	32,987	0	404
Region 11	109,344	45,995	19,524	532	16,124	28,673	74	15,414	15	1,376	73,607	0	1,224
Region 12	41,404	14,746	4,053	289	6,213	10,425	103	3,711	2	321	31,033	0	232
Region 13	24,088	9,801	1,977	87	4,104	6,287	17	3,168	269	259	17,721	0	113

Source: Land Transportation Office.

Table 13.5
TOTAL SHIPPING STATISTICS BY PORT
1991 to 1998

Particulars	At Berth					
	Total	Manila	Cebu	Iloilo	Zamboanga	Others[1]
1991						
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
1992						
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
1993						
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
1994						
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[1]
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
1991 to 1998

Particulars	At Berth				
	Total	Manila	Iloilo	Zamboanga	Others[1]
1995					
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
1996					
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
1997					
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
1998					
Number of vessels	273,730	29,945	16,961	21,944	204,880
Domestic	265,416	25,963	16,905	21,760	200,788
Foreign	8,314	3,982	56	184	4,092
Gross Registered Tonnage	271,341,126	82,799,746	20,973,303	12,234,191	155,333,886
Domestic	181,485,719	36,223,707	20,299,917	11,340,826	113,621,269
Foreign	89,855,407	46,576,039	673,386	893,365	41,712,617
Net Registered Tonnage	142,658,038	43,809,469	11,578,973	5,561,364	81,708,232
Domestic	94,995,355	20,476,134	11,266,275	5,069,296	58,183,650
Foreign	47,662,683	23,333,335	312,698	492,068	23,524,582

[1] - Other ports include: Batangas, Cagayan de Oro, Davao, Dumaguete, General Santos, Iligan, Jolo, Legaspi, Nasipit, Ozamis, Polloc, Puerto Princesa, Pulupandan, San Fernanado, Surigao, Tacloban, and Tagbilaran.

Source of basic data: Philippine Ports Authority.

Table 13.5 (continued)

At Anchorage				
Total	Manila	Iloilo	Zamboanga	Others [1]
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
3,808	1,053	59	216	2,480
2,933	361	59	216	2,297
875	692	0	0	183
12,116,424	7,164,512	148,313	275,539	4,528,060
3,264,750	161,992	148,313	275,539	2,678,906
8,851,674	7,002,520	0	0	1,849,154
6,797,147	3,998,522	91,177	157,313	2,550,135
1,843,626	111,263	91,177	157,313	1,483,873
4,953,521	3,887,259	0	0	1,066,262

Table 13.6
TOTAL SHIPPING STATISTICS, CARGO AND PASSENGER
1992 to 1998

	1992	1993	1994	1995	1996	1997	1998
Total Cargo Through (in metric tons)	111,066,021	115,864,671	124,040,355	127,310,132	140,135,355	145,138,010	137,903,572
Domestic	61,845,505	65,072,550	71,108,392	68,100,654	71,955,594	76,150,041	74,928,058
Inbound	31,821,369	33,513,660	36,568,811	34,664,464	37,503,192	38,650,471	37,845,477
Outbound	30,024,136	31,558,890	34,539,581	33,436,190	34,452,402	37,499,570	37,082,581
Foreign	48,989,653	50,524,336	52,699,124	59,075,861	67,516,800	68,337,147	62,288,145
Import	34,867,910	35,486,553	38,183,499	42,418,302	51,829,760	51,666,207	46,134,029
Export	14,121,743	15,037,783	14,515,625	16,657,559	15,687,040	16,670,940	16,154,116
Transit Cargo	230,863	267,785	232,839	133,617	662,961	650,822	687,369
Domestic	11,281	15,074	37,117	90,240	624,678	618,944	593,652
Foreign	219,582	252,711	195,722	43,377	38,283	31,878	93,717
Total Passenger Traffic	33,734,547	36,365,332	40,444,607	37,873,205	40,043,006	41,414,647	44,110,790
Disembarking	17,156,189	18,388,700	20,444,812	18,975,574	20,548,386	21,410,830	22,797,975
Embarking	16,578,358	17,976,632	19,999,795	18,897,631	19,494,620	20,003,817	21,312,815

Source of basic data: Philippine Ports Authority.

Figure 13.1 Total Passenger Traffic for Water Transport: 1992-1998

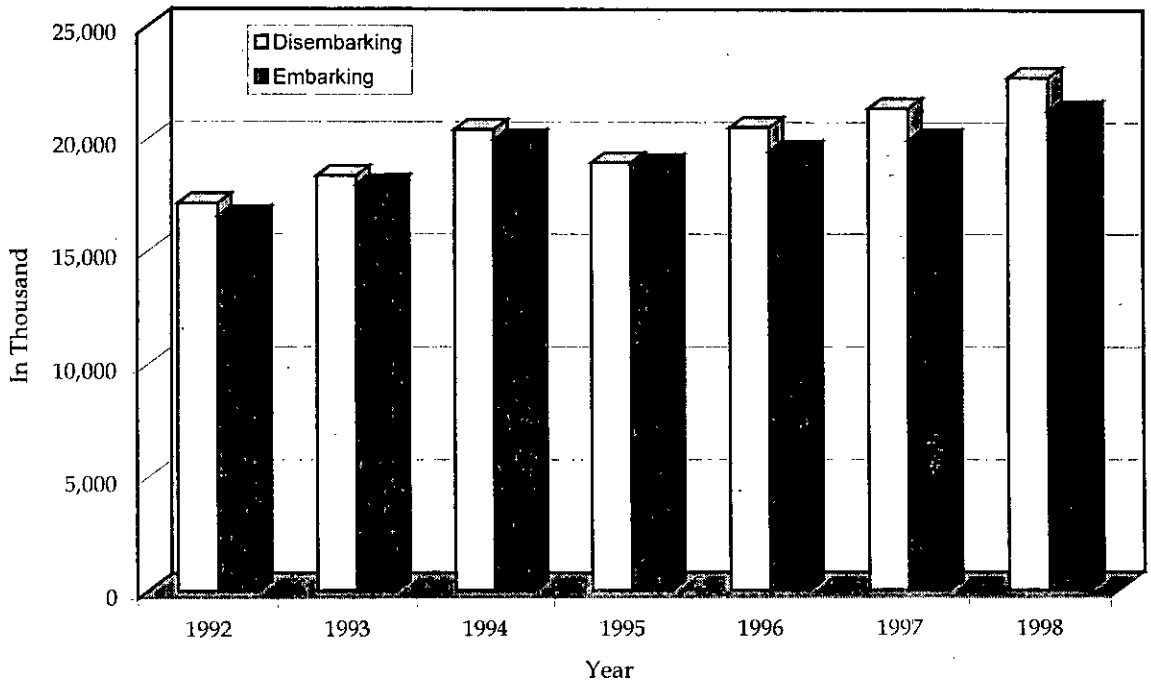

Figure 13.2 NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLES: 1989 to 1998

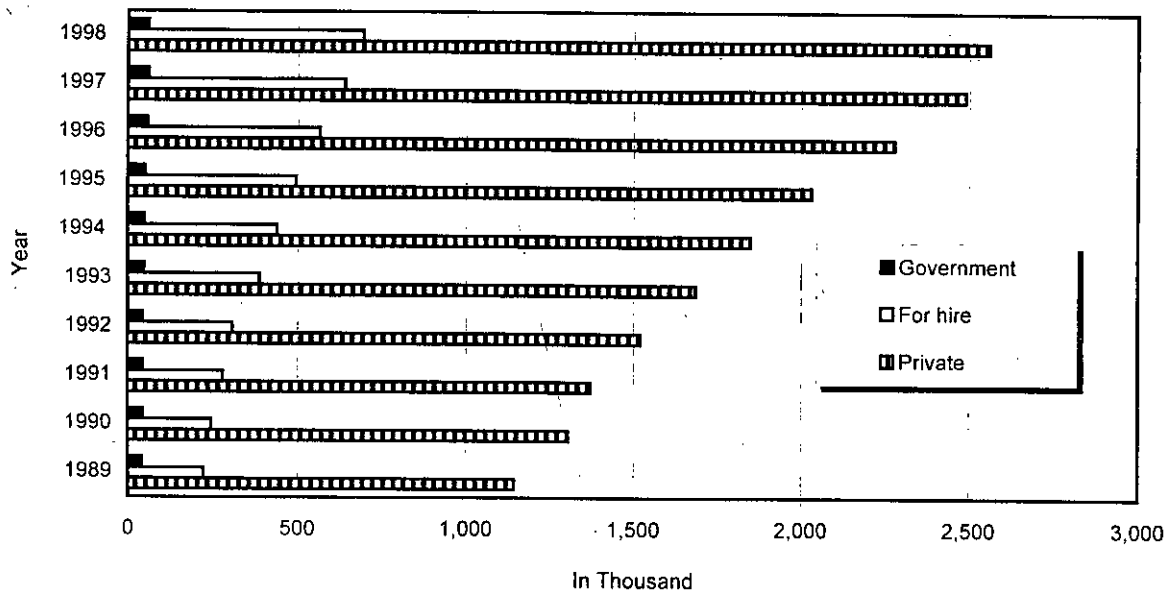

Figure 13.3 TOTAL NUMBER OF MOTOR VEHICLES REGISTERED BY REGION AND BY STATUS: 1998

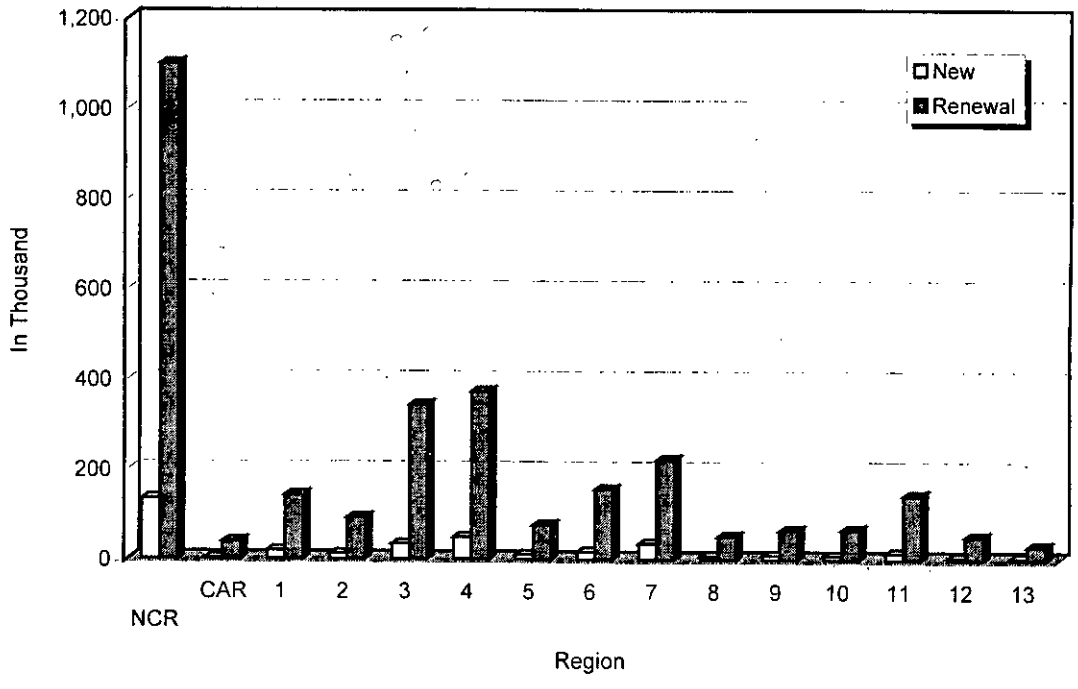

Table 13.7
NUMBER AND TONNAGE OF DOMESTIC OPERATING FLEET
1994 to 1998

Type of Vessel	Number				
	1994	1995	1996	1997	1998
Total	9,750	10,072	6,505	15,600	19,264
Merchant Fleet	4,651	5,020	2,946	4,377	5,254
Passenger ferry	884	1,096	572	331	352
Passenger cargo	313	353	244	1,051	1,323
General cargo	2,173	2,145	1,292	1,316	1,634
Container	45	39	19	20	19
Liquid cargo/Lighterage	15	20	23	34	33
Barging	457	546	194	421	477
Tanker	155	173	135	185	193
Towing/Salvage	450	444	340	450	504
Pleasure	41	54	29	80	100
Pilotage	12	12	10	10	11
Others	106	138	88	478	606
No information	-	-	-	1	2
Fishing	5,099	5,052	3,559	11,223	14,010

Source of basic data: Maritime Industry Authority.

Table 13.8
OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES
SYSTEM-WIDE OPERATIONS
1981 to 1998
(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	45,413
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 [a]	73,054	58,083	72,869	540	73,409
1996	-	81,256	81,256	327	81,548
1997 [b]	86,644	86,187	86,187	245	86,432
1998	52,538	51,972	51,972	283	52,255

[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				
1994	1995	1996	1997	1998
1,533,648	1,645,542	1,095,138	1,596,232	1,866,545
1,341,410	1,463,793	942,313	1,340,290	1,543,535
24,922	30,191	11,503	16,232	13,039
336,441	371,327	231,185	424,643	468,569
428,715	434,278	382,735	390,827	502,331
133,174	131,568	67,765	50,024	41,804
3,823	4,780	7,191	13,371	13,713
203,753	264,724	83,341	220,175	253,293
158,694	172,608	112,373	163,580	173,697
37,511	36,109	30,436	35,647	41,572
2,226	2,480	732	1,501	2,148
1,287	1,297	617	609	611
10,864	14,431	14,434	23,675	32,723
-	-	-	-	32
192,238	181,749	152,825	255,942	323,009

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
9,428,384	13,281,906	4,645	1,210,015	106,521

Table 13.9
OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, DOMESTIC
1982 to 1998
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
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 [a]	22,115	7,354	22,140	102	22,242
1996	-	22,988	22,988	59	23,047
1997 [b]	22,763	22,687	22,687	27	22,714
1998	14,872	14,776	14,776	48	14,824

[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
1982 to 1998
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
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 [a]	50,939	50,728	50,728	439	51,167
1996	-	58,268	58,268	268	58,537
1997 [b]	63,881	63,500	63,500	218	63,718
1998	37,666	37,196	37,196	235	37,431

[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		
1,258,704	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
1,751,886	2,509,849	3,047	177,573	63,579

Table 13.10 (continued)

Passenger service			Total revenue ton kilometer	Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried		
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
7,676,498	10,772,057	1,598	1,032,442	42,942

Table 13.11
AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS, MANILA
1975 to 1998

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
1998	49,316	8,038,401	3,940,317	4,098,084

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 1998

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
1998	167	92	75

Source: Air Transportation Office.

Table 13.13
NATIONAL ROADS BY SURFACE TYPE
1981 to 1998
(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
1998	27,895.21	379.80	11,486.40	6,734.96	9,294.05

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 1998
(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
1998	...	266,833.00

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 1997

Region	Classification					Status	
				Commercial			
	Total	Fishing	Feeder	Private	Public	Operational	Non-Operational
Philippines	1,494	447	214	502	331	1,403	91
NCR National Capital Region	71	3	-	64	4	66	5
1 Ilocos Region	43	18	6	8	11	38	5
2 Cagayan Valley	33	19	6	4	4	29	4
3 Central Luzon	52	12	3	27	10	45	7
4 Southern Tagalog	258	82	55	52	69	240	18
5 Bicol Region	115	66	7	18	24	105	10
6 Western Visayas	149	47	11	67	24	149	-
7 Central Visayas	160	42	16	60	42	146	14
8 Eastern Visayas	141	37	26	42	36	131	10
9 Western Mindanao	76	23	4	21	28	73	3
10 Northern Mindanao	202	53	56	52	41	190	12
11 Southern Mindanao	109	19	9	60	21	108	1
12 Central Mindanao	38	10	-	21	7	36	2
ARMM Autonomous Region for Muslim Mindanao	47	16	15	6	10	47	-

Source: Inventory of Ports, an output of the Task Force on Ports Inventory composed of the Philippine Ports Authority, Philippine Fisheries Development Authority, Project Monitoring Office - Ports Project of the Department of Public Works and Highways, National Statistics Office, and National Statistical Coordination Board.

Table 13.16
TELEPHONE DISTRIBUTION BY REGION
1996 to 1998

Region	Telephone		Subscribers	Population	Telephone Density	
	Lines	Exchange		('000)	Lines	Subscribed
1996	3,352,842	741	2,022,766	69,945	4.79	2.89
NCR	1,937,460	70	1,152,731	9,618	20.14	11.99
CAR	37,683	12	26,057	1,280	2.94	2.04
Region 1	148,793	92	114,041	3,862	3.85	2.95
Region 2	14,535	34	11,880	2,583	0.56	0.46
Region 3	233,899	106	127,175	7,063	3.31	1.80
Region 4	380,044	138	217,046	10,184	3.73	2.13
Region 5	78,850	69	48,907	4,399	1.79	1.11
Region 6	112,166	44	70,805	5,870	1.91	1.21
Region 7	121,392	36	98,474	5,106	2.38	1.93
Region 8	24,354	43	12,415	3,434	0.71	0.36
Region 9	33,662	10	19,941	2,856	1.18	0.70
Region 10	92,666	37	29,266	4,039	2.29	0.72
Region 11	109,466	36	73,050	5,192	2.11	1.41
Region 12	18,200	12	14,593	2,411	0.76	0.61
ARMM	9,672	2	6,385	2,048	0.47	0.31
1997	5,775,556	828	...	71,541	8.07	...
NCR	2,808,957	75	...	9,815	28.62	...
CAR	64,814	15	...	1,310	4.95	...
Region 1	242,742	102	...	3,931	6.18	...
Region 2	23,630	37	...	2,641	0.90	...
Region 3	427,199	118	...	7,219	5.92	...
Region 4	734,047	157	...	10,463	7.02	...
Region 5	133,363	72	...	4,488	2.97	...
Region 6	258,204	50	...	5,984	4.32	...
Region 7	380,290	41	...	5,215	7.29	...
Region 8	89,182	46	...	3,512	2.54	...
Region 9	44,457	13	...	2,930	1.52	...
Region 10	115,943	41	...	4,140	2.80	...
Region 11	339,941	42	...	5,332	6.38	...
Region 12	67,468	14	...	2,473	2.73	...
ARMM	45,319	5	...	2,088	2.17	...
1998	6,641,480	1,050	2,512,113	73,130	9.08	3.44
NCR	3,025,164	68	1,481,269	10,011	30.22	14.80
CAR	88,052	22	33,673	1,340	6.57	2.51
Region 1	256,828	106	20,508	4,001	6.42	0.51
Region 2	41,246	39	8,449	2,698	1.53	0.31
Region 3	513,626	165	85,590	7,375	6.96	1.16
Region 4	1,017,155	214	362,551	10,742	9.47	3.38
Region 5	122,589	80	35,449	4,577	2.68	0.77
Region 6	331,576	83	118,495	6,097	5.44	1.94
Region 7	484,968	46	172,573	5,323	9.11	3.24
Region 8	97,780	58	21,089	3,589	2.72	0.59
Region 9	43,455	11	24,496	3,004	1.45	0.82
Region 10	130,559	46	58,592	4,240	3.08	1.38
Region 11	366,971	61	74,272	5,471	6.71	1.36
Region 12	72,552	30	6,848	2,535	2.86	0.27
ARMM	48,959	21	8,259	2,127	2.30	0.39

Source: National Telecommunications Commission.

Table 13.17
NUMBER OF LICENSED RADIO STATIONS BY REGION
1990 to 1998

Region	1990	1991	1992	1993	1994	1995	1996	1997	1998
Philippines	53,725	65,967	82,592	95,856	113,633	125,986	162,713	183,271	197,139
NCR	23,422	26,947	30,707	33,253	35,006	35,937	37,817	37,817	37,817
CAR	0	0	0	0	0	0	0	0	0
Region 1	2,358	2,542	3,226	3,963	4,779	2,654	4,485	5,960	6,937
Region 2	1,109	781	1,087	1,428	1,941	2,740	4,005	4,533	4,791
Region 3	2,797	4,289	6,433	8,098	10,263	11,932	13,547	14,909	16,068
Region 4	2,172	2,831	4,534	6,302	8,667	11,055	13,419	15,875	18,050
Region 5	1,707	1,727	1,741	1,821	2,696	3,201	3,780	4,299	4,817
Region 6	3,720	4,854	7,408	8,936	12,165	13,712	30,341	40,911	46,483
Region 7	5,689	7,847	11,874	10,358	12,505	14,669	17,964	20,186	21,885
Region 8	679	773	915	1,391	1,834	2,652	3,227	3,962	5,318
Region 9	1,437	1,902	2,400	2,752	2,984	3,598	4,165	4,681	4,985
Region 10	3,554	4,962	6,124	7,542	9,042	10,049	11,628	12,542	13,054
Region 11	3,935	5,000	6,143	7,461	8,897	10,445	14,464	13,587	13,946
Region 12	1,146	1,512	0	2,551	2,854	3,342	3,871	4,009	2,988
ARMM	-	-	-	-	-	-	-	-	-

Source: National Telecommunications Commission.

Table 13.18
NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP
1990 to 1998

Year	Total	Government [1]	Private
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
1998	197,137	18,749	178,388

[1] Excludes radio stations operated by the Armed Forces of the Philippines.

Source: National Telecommunications Commission.

Table 13.19
NUMBER OF LICENSED RADIO STATIONS, BY TYPE OF STATION
1990 to 1998

Type of station	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total	53,725	65,967	82,592	95,856	113,633	125,986	162,713	183,271	197,139
Government [1]	2,543	3,292	3,771	4,893	6,883	8,541	15,703	15,893	18,749
Private	51,182	62,675	78,821	90,963	106,750	117,445	147,010	167,378	178,390
Broadcast radio stations	560	384	426	460	472	463	510	537	536
Broadcast AM	434	256	264	272	272	263	272	279	277
Broadcast FM	117	123	157	183	187	195	233	253	254
Broadcast SW	9	5	5	5	13	5	5	5	5
Television stations	43	58	64	79	63	55	59	67	70
Fixed point to point stations	7,505	8,083	8,465	8,895	9,319	9,382	9,514	9,796	9,914
Commercial CP	1,315	1,328	1,279	1,263	1,294	1,259	1,259	1,264	1,265
Non-commercial CV	6,190	6,755	7,186	7,632	8,025	8,123	8,255	8,532	8,649
Coastal station	680	726	737	745	753	764	778	785	795
Aircraft radio station	497	498	503	505	509	509	516	529	543
Land base radio station	3,083	3,466	3,648	4,034	4,474	4,870	5,681	6,271	6,642
Land mobile radio station	8,049	8,897	10,144	11,161	12,039	12,762	13,312	15,019	15,715
Citizens band radio station	566	465	146	157	53	37	37	37	32
Amateur radio stations	15,733	19,143	21,149	23,623	26,335	28,236	31,975	33,328	34,246
Radio training stations	113	122	116	130	141	141	146	154	150
Fixed aeronautical stations	168	73	83	91	94	80	86	89	94
Ship stations	2,774	2,995	3,337	3,575	3,788	3,428	3,599	3,717	3,896
Maritime portable stations	0	0	0	0	0	0	0	0	1
Repeater stations	170	553	321	413	474	515	648	775	861
TV relay/x'lator	70	74	73	76	77	54	63	86	93
Portable	3,066	5,031	7,445	10,440	14,327	17,832	24,282	29,529	32,856
Radio navigation	12	6	23	24	27	25	25	25	25
Special stations/Earth stations	0	88	124	169	161	1	1	0	1
Cellular Base	0	5	5	5	5	45	123	149	38
PRS Base	2,051	3,089	4,705	6,335	7,531	7,866	8,373	8,676	8,423
Cellular Mobile	0	217	985	651	1,601	1,780	12,679	21,608	23,920
PRS Mobile	1,675	2,326	3,531	4,723	5,455	5,597	5,841	5,919	5,925
PRS Port	4,367	6,105	9,722	13,321	16,430	16,727	17,431	18,486	19,549
PRS ML/P	...	73	142	199	248	249	249	395	249
PRS M SRA	...	...	...	...	...	56	174	0	0
TVRO	...	16	9	22	34	112	170	208	296
TVRO License	...	...	...	...	...	1	11	12	13
CATV	...	10	39	99	182	300	419	546	583
STL/Remote Control	...	33	34	34	0	0	0	0	0
BC AUX Transmitter	...	4	9	0	0	23	23	13	14
Remote Pick-up/BC(HF/SSB)	...	33	6	0	34	0	0	0	0
GPRS/Mobile/GPRS/Base/ GPRS/PORTA	...	102	...	397	1,166	3,380	4,080	4,261	4,797
Cellular Porta	...	...	2,465	0	0	0	0	0	0
Paging Station	...	...	1	0	0	0	0	0	0
Paging Base	...	...	2	3	6	34	49	50	7
Paging Subscriber	...	...	360	594	945	945	4,782	4,782	6,780
VSAT Subscriber.	...	...	2	0	0	0	0	0	0
VSAT Service	...	...	0	3	7	7	7	7	7
VSAT Station	...	...	...	...	...	17	43	54	...
Fishing	...	...	...	...	...	538	565	598	652
Civic Action	...	...	...	...	...	422	583	685	667
Trunk Base	...	...	...	...	...	1	21	24	0
Dealers/Supplier	...	...	...	...	...	159	107	112	0
Service Centers	...	...	...	...	...	32	48	49	0

[1] - 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 1998
(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
1998	873,367	218,640	1,092,007	-6.79

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

Source: Philippine Postal Corporation.

Table 13.21
REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA AIR MODE OF TRANSPORT
1997 to 1998
(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
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
1998																
All Commodities	46,330	5,181,008	2,569	3,757,900	6	673	7	554	40	2,215	-	-	581	46,634	36	23,417
NCR	19,227	1,316,601	-	5	6	438	7	502	38	1,991	0	0	568	45,318	254	21,401
CAR	37	1,554	1	124	0	0	0	-	0	0	0	-	1	59	0	9
Region 1	2	129	1	11	0	0	0	0	0	0	0	0	0	0	-	2
Region 2	13	799	12	720	0	0	0	0	-	15	0	0	-	34	0	0
Region 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Region 4	1,390	55,605	1,389	55,517	-	2	0	0	0	0	0	0	-	5	-	3
Region 5	348	22,723	328	20,982	0	0	-	47	-	30	0	0	-	19	-	2
Region 6	3,547	109,913	3,427	100,961	-	17	-	5	1	84	0	0	3	502	2	337
Region 7	6,146	254,605	5,697	221,431	-	48	0	0	0	0	0	0	3	393	38	1,204
Region 8	231	11,661	225	11,348	0	0	0	0	-	5	0	0	-	-	-	10
Region 9	1,320	279,171	1,168	246,640	-	5	0	0	-	3	0	0	-	103	-	54
Region 10	2,417	171,015	2,412	170,496	-	4	0	0	-	3	0	0	0	0	-	43
Region 11	11,060	2,923,583	10,424	2,900,722	-	132	0	0	1	82	0	0	6	197	12	347
Region 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARAGA	449	23,072	436	22,332	-	27	0	0	-	2	0	0	-	3	-	3
ARMM	143	10,577	89	6,611	0	-	0	0	0	0	0	0	-	1	-	2

Note: Details may not add up to totals due to rounding.
Source: National Statistics Office.

Table 13.21 (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
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
5,574	266,903	5,711	372,932	762	65,290	1,825	109,887	1,432	180,552	3,867	311,016	0	0	329	22,544	281	20,491
5,215	252,607	5,206	348,360	738	63,598	1,605	74,318	1,389	179,142	3,652	293,710	0	0	302	20,923	253	14,288
17	656	6	265	9	355	2	39	0	23	0	24	0	0	0	0	0	0
0	0	-	3	0	0	-	2	-	85	-	25	0	0	0	0	-	1
-	9	-	-	-	1	0	0	-	19	-	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	31	1	46	-	-	0	0	0	0	-	1	0	0	0	0	0	0
6	545	7	707	-	3	-	46	2	98	2	142	0	0	2	70	-	32
-	9	87	5,604	3	358	2	322	2	140	18	1,415	0	0	1	91	1	68
114	8,147	10	99	10	791	65	5,823	1	167	176	14,253	0	0	23	1,339	9	910
-	24	5	205	0	0	-	2	-	20	-	47	0	0	0	0	0	0
3	388	76	4,797	1	105	38	20,678	1	177	16	1,265	0	0	-	44	16	4,912
-	50	1	187	-	10	-	9	0	0	3	117	0	0	-	5	-	91
217	4,391	281	11,040	1	69	80	5,892	37	630	-	-	0	0	-	69	-	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
-	19	13	646	-	-	-	17	-	7	-	14	0	0	-	2	0	0
1	27	18	973	-	-	33	2,739	-	44	-	2	0	0	-	1	2	177

Table 13.22
REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA WATER MODE OF TRANSPORT 1996 to 1997
(Quantity in thousand kilograms; Value in thousand pesos)

Year/ Origin	Total		Destination			
			NCR		Region 1	
	Qty.	Value	Qty.	Value	Qty.	Value
1996						
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
1997						
All Commodities	26,474	301,459	8,168	87,693	554	4,537
NCR	2,823	71,699	3	28	-	-
Region 1	102	975	4	22	5	30
Region 2	1	1	1	1	0	0
Region 3	6,337	51,830	3,223	26,206	436	3,560
Region 4	1,185	11,117	171	2,099	45	409
Region 5	366	4,118	117	629	0	0
Region 6	1,561	21,630	523	8,905	10	202
Region 7	2,467	32,804	304	5,621	0	0
Region 8	786	11,154	50	1,176	0	0
Region 9	554	9,250	133	3,344	0	0
Region 10	1,966	21,477	553	10,647	1	5
Region 11	2,262	25,598	703	13,524	1	10
Region 12	4,513	22,347	2,123	12,583	31	141
CARAGA	1,328	14,604	261	2,904	25	179
ARMM	222	2,855	-	2	0	0

Table 13.22 (continued)

Destination									
Region 2		Region 3		Region 4		Region 5		Region 6	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
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
61	463	244	2,131	1,604	16,171	776	6,667	3,101	28,148
7	72	77	630	109	2,450	15	526	406	9,504
29	156	10	54	7	35	10	22	2	8
0	0	0	0	0	0	0	0	0	0
18	150	113	912	549	4,329	18	152	344	2,997
8	84	13	134	426	4,327	53	1,040	94	811
0	0	0	0	42	699	115	1,674	16	215
0	0	15	224	101	1,406	34	534	458	4,861
0	0	0	0	14	119	60	811	238	4,181
0	0	2	1	24	243	14	138	15	145
0	0	0	0	1	11	-	3	22	92
0	0	0	0	140	935	162	360	222	1,546
0	0	0	0	41	282	202	1,099	340	1,928
0	0	2	15	117	1,060	83	269	894	1,504
0	0	0	0	34	276	10	41	51	347
0	0	11	162	0	0	0	0	1	10

Table 13.22 (continued)
REGIONAL COMMODITY FLOW IN THE PHILIPPINES VIA WATER MODE OF TRANSPORT
1996 to 1997
(Quantity in thousand kilograms; Value in thousand pesos)

Year/ Origin	Destination					
	Region 7		Region 8		Region 9	
	Qty.	Value	Qty.	Value	Qty.	Value
1996						
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
1997						
All Commodities	4,255	54,882	1,734	17,720	1,055	13,510
NCR	836	22,277	140	4,116	135	3,581
Region 1	0	1	35	648	0	0
Region 2	0	0	0	0	0	0
Region 3	502	4,290	100	858	168	1,364
Region 4	73	674	205	595	6	45
Region 5	31	339	12	181	2	17
Region 6	221	2,945	61	705	37	588
Region 7	247	4,535	721	4,819	96	1,785
Region 8	162	1,348	85	730	30	341
Region 9	82	1,286	-	-	157	2,164
Region 10	502	5,194	104	300	66	276
Region 11	463	4,606	115	648	159	1,549
Region 12	857	4,705	36	123	47	272
CARAGA	271	2,574	121	3,998	42	193
ARMM	9	109	-	-	110	1,336

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

Source: National Statistics Office.

Table 13.22 (continued)

Destination									
Region 10		Region 11		Region 12		CARAGA		ARMM	
Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
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
1,709	22,674	1,658	24,550	494	5,226	657	10,944	403	6,143
299	9,069	664	15,257	31	902	55	1,690	47	1,598
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
192	1,434	331	2,677	121	965	130	1,053	91	882
13	145	53	462	7	68	14	145	6	80
2	9	8	90	20	242	2	23	0	0
23	346	34	500	19	75	10	107	15	231
548	6,655	61	1,406	65	870	99	1,787	14	215
41	480	13	163	80	870	269	5,496	2	23
5	53	34	644	29	277	-	-	92	1,376
97	1,249	21	174	81	551	14	202	3	39
6	77	183	1,397	-	-	7	37	42	440
278	1,219	32	323	1	8	3	32	8	94
205	1,937	216	1,372	40	398	53	372	1	13
0	0	8	85	0	0	0	0	83	1,151

Table 13.23
REGIONAL COMMODITY FLOW OF THE PHILIPPINES VIA RAIL MODE OF TRANSPORT
1992 to 1997
(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Total		Destination					
			Metropolitan Manila Area (NCR)		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1992								
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
1993								
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
1994								
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
1995								
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
1996								
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
1997								
All Commodities	3,609	89,629	1,204	19,520	826	15,051	1,579	55,058
NCR	1,248	45,029	-	-	49	1,445	1,199	43,584
Region 4	413	12,084	17	242	127	2,382	270	9,460
Region 5	1,948	32,516	1,187	19,278	650	11,224	110	2,014

Notes: 1. Decrease in data is attributed to stations closed for renovation starting last quarter of 1995 up to the last quarter of 1996.
2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

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: 1989 to 1998

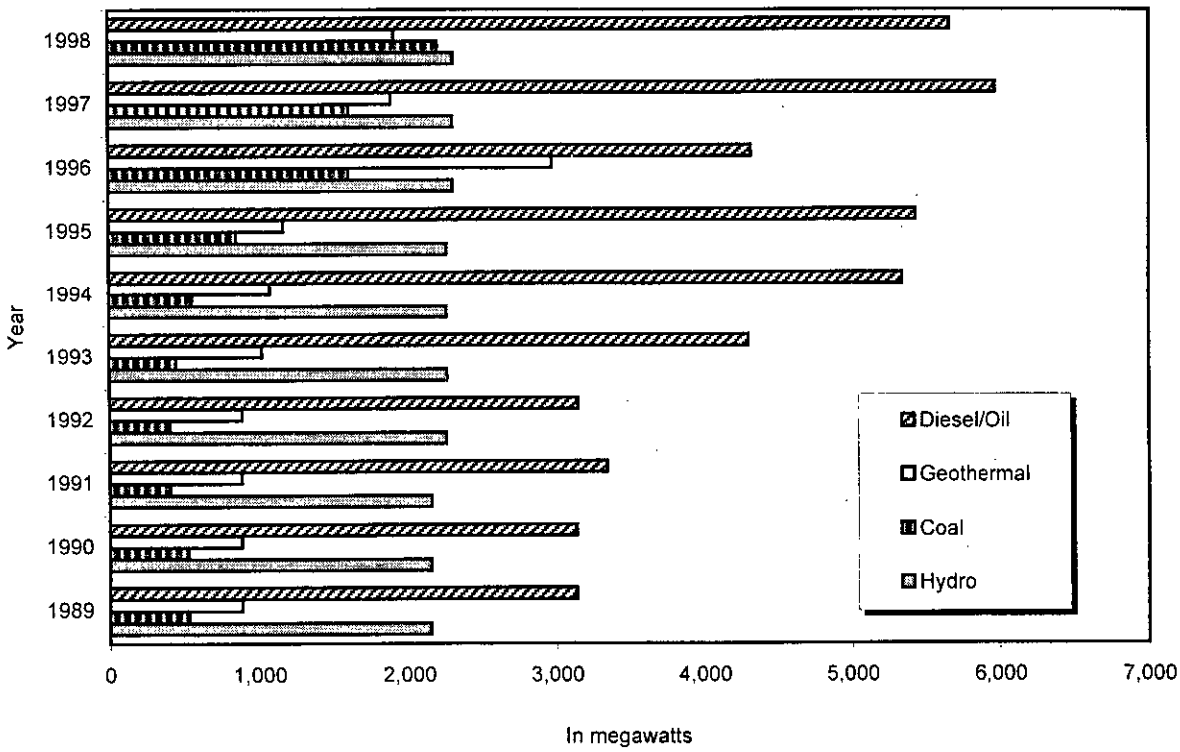

Figure 14.2 ELECTRIC ENERGY CONSUMPTION BY SECTOR: 1989 to 1998

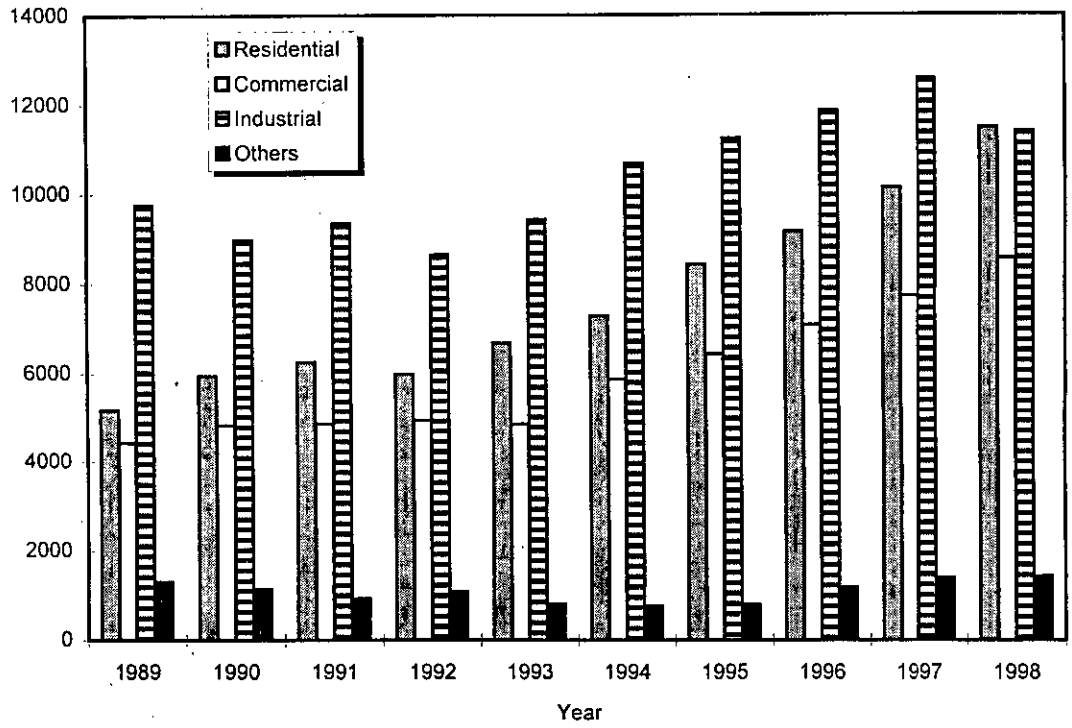

Table 14.1
CRUDE OIL IMPORTATIONS BY COUNTRY OF ORIGIN
1983 to 1998
(Volume in thousand barrels; CIF value in thousand US dollars)

Country	1983		1984		1985		1986	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	59,827	1,763,035	49,453	1,418,424	48,843	1,337,450	50,412	695,691
MIDDLE EAST	42,821	1,269,372	28,010	796,931	23,871	658,594	33,486	439,148
Saudi Arabia	25,521	751,525	12,838	367,999	8,855	244,927	12,041	164,726
Kuwait	5,676	160,658	11,269	317,557	8,068	223,481	7,642	101,066
Iran	1,206	34,904	-	-	889	24,534	6,888	81,615
Iraq	-	-	-	-	-	-	500	8,485
Abu Dhabi	1,815	55,141	-	-	2,850	78,016	-	-
Qatar	-	-	1,825	51,938	-	-	1,855	24,183
Dubai	7,123	224,417	680	19,886	2,157	58,754	2,949	34,728
Oman	1,000	29,745	602	17,434	-	-	-	-
Neutral Zone	480	12,982	796	22,117	1,052	28,882	-	-
United Arab Emirates	-	-	-	-	-	-	1,611	24,345
OTHER REGIONS	17,006	493,663	21,443	621,493	24,972	678,856	16,926	256,543
Indonesia	5,881	175,777	5,258	156,658	4,417	125,192	3,274	45,427
Malaysia	2,596	81,312	1,823	55,558	545	14,927	9,838	161,169
Brunei	1,841	56,826	6,337	165,744	8,088	204,754	485	10,556
China (PROC)	4,074	108,536	8,025	243,533	10,497	295,267	3,329	39,391
Mexico	2,614	71,212	-	-	-	-	-	-
Australia	-	-	-	-	1,425	38,716	-	-
Pakistan	-	-	-	-	-	-	-	-

Country	1991		1992		1993		1994	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	76,656	1,244,322	89,010	1,660,259	83,706	1,368,982	88,427	1,400,329
MIDDLE EAST	60,382	898,720	72,891	1,319,281	71,015	1,123,199	78,865	1,228,089
Saudi Arabia	34,682	617,474	43,441	775,783	37,641	584,635	53,549	842,808
Kuwait	-	-	4,997	92,214	11,655	183,804	3,765	53,108
Iran	11,408	199,833	9,467	170,488	7,289	113,882	4,904	70,429
Iraq	-	-	-	-	-	-	-	-
Abu Dhabi	-	-	-	-	-	-	-	-
Qatar	4,247	81,413	2,568	50,215	999	18,151	-	-
Dubai	10,045	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	2,240	37,360
Neutral Zone	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	12,418	230,581	13,431	222,727	14,407	224,384
OTHER REGIONS	16,274	345,602	16,119	340,978	12,691	245,783	9,562	172,240
Indonesia	1,432	31,283	1,631	34,312	2,542	49,835	2,742	50,811
Malaysia	7,130	159,873	9,194	198,125	7,138	139,194	4,886	87,061
Brunei	4,562	98,601	4,303	90,561	2,251	44,942	1,934	34,368
China (PROC)	2,989	52,440	760	12,679	759	11,812	-	-
Mexico	-	-	-	-	-	-	-	-
Australia	-	-	231	5,301	-	-	-	-
Pakistan	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)

1987		1988		1989		1990	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
61,149	1,080,326	70,783	1,008,443	70,886	1,199,096	80,098	1,724,930
41,130	722,070	51,979	721,057	55,413	920,340	65,530	1,373,670
10,300	177,042	4,579	58,481	9,696	157,737	25,659	581,653
16,009	279,188	9,966	133,669	10,024	166,298	6,748	110,179
5,183	90,278	12,901	179,871	15,137	254,165	5,331	140,391
1,307	23,827	1,314	16,780	4,224	72,036	3,843	65,844
-	-	-	-	-	-	-	-
994	18,319	2,752	39,468	2,273	39,647	4,009	79,420
2,013	36,007	9,181	131,194	9,929	156,635	17,777	350,648
3,135	57,835	5,440	81,163	-	-	1,030	16,607
911	15,426	1,784	25,013	-	-	-	-
1,277	24,149	4,062	55,419	4,130	73,823	1,133	28,928
20,019	358,256	18,804	287,385	15,473	278,756	14,568	351,259
1,411	25,704	-	-	-	-	708	24,814
7,702	144,226	9,244	147,351	7,859	148,256	7,474	176,562
3,104	58,709	2,138	34,876	2,219	42,548	4,491	112,477
6,551	106,032	4,208	54,967	3,875	58,845	1,154	18,792
-	-	-	-	-	-	-	-
1,251	23,585	3,214	50,192	1,520	29,106	430	9,538
-	-	-	-	-	-	311	9,076

1995		1996		1997		1998	
Volume	Value [1]	Volume	Value	Volume	Value	Volume	Value
119,084	1,978,612	128,017	2,556,517	128,940	2,529,845	116,596	1,502,062
110,760	1,831,476	119,044	2,358,121	120,236	2,340,831	110,281	1,413,304
80,620	1,340,333	76,797	1,523,438	47,330	930,360	40,394	517,237
1,034	17,101	-	-	-	-	-	-
9,070	148,007	16,801	330,365	42,504	804,086	36,727	470,030
-	-	-	-	774	15,142	2,744	33,915
-	-	-	-	-	-	-	-
-	-	1,169	26,469	3,538	70,333	1,986	26,662
-	-	-	-	-	-	-	-
6,303	102,029	12,083	242,916	14,480	278,946	17,991	227,715
-	-	-	-	-	-	-	
13,733	224,006	12,194	234,933	11,610	241,964	10,440	137,746
8,324	147,136	8,974	198,396	8,705	189,015	6,315	88,759
2,399	41,665	1,363	30,435	2,452	51,370	1,014	14,165
2,767	50,817	3,476	75,857	4,419	95,374	4,381	64,060
759	13,894	-	-	-	-	-	-
-	-	3,186	74,360	891	19,784	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
2,399	40,759	948	17,745	942	22,487	920	10,533

Table 14.2
PETROLEUM PRODUCTS CONSUMPTION BY TYPE OF PRODUCT
1987 to 1998
(In thousand barrels)

Product	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total	67,144	72,575	83,728	87,277	87,267	96,731	105,045	111,575	125,392	131,600	141,874	137,861
Aviation gasoline	36	39	39	36	28	28	26	52	34	35	35	35
Aviation turbo	3,304	3,758	4,281	3,983	3,983	4,447	4,656	4,985	4,914	6,103	7,694	5,357
Premium gasoline	7,055	7,751	8,829	9,390	8,112	9,160	10,385	10,431	11,981	13,620	13,856	13,622
Unleaded premium	-	-	-	-	-	-	-	1,047	1,799	2,145	3,255	4,049
Regular gasoline	3,090	3,248	3,471	3,465	2,965	3,236	3,456	3,597	3,959	4,142	4,470	4,970
Kerosene	2,545	2,815	3,456	3,704	3,579	3,916	4,239	4,283	4,361	4,563	5,054	5,007
Diesel	17,839	19,186	22,220	26,121	29,689	33,671	40,863	39,237	38,601	40,211	44,155	42,993
Fuel oil	26,645	28,002	32,488	31,271	29,905	32,045	30,343	36,005	45,734	45,158	46,865	45,573
LPG	2,843	3,503	4,183	4,598	4,742	5,431	6,188	7,132	8,335	9,287	10,319	10,977
Asphalts	282	317	342	286	326	304	256	232	302	273	227	162
Solvents	246	288	297	267	182	159	213	177	229	302	352	159
Lubes and greases	897	887	1,058	1,070	907	1,022	1,105	1,107	1,184	1,244	1,279	1,149
Naptha	-	-	-	-	-	-	-	14	409	402	350	258
Waxes and petrolatum	1	3	2	2	-	1	-	1	-	-	...	...
Others	7	7	10	13	10	11	12	12	28	39	35	53
Refinery fuel and loss	2,354	2,771	3,052	3,071	2,839	3,300	3,300	3,262	3,522	4,077	3,929	3,497

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 to 1998
(In thousand barrels)

Sector	1997	1998
Total	72,687.67	66,293.12
Manufacturing		
Beverages	991.65	948.26
Tobacco	104.91	114.50
Coconut and vegetable oil	704.04	595.16
Sugar	672.25	977.28
Other food processing	1,824.84	1,631.53
Textiles/Apparel	1,216.80	1,057.43
Wood products/Furniture	112.61	98.20
Paper product/Printing	744.01	837.86
Chemicals except ferilizer	912.82	966.78
Fertilizer	189.48	169.67
Rubber/Rubber products	218.10	198.61
Glass/Glass products	678.03	524.69
Cement	1,875.01	2,164.60
Lube refining	411.08	604.27
Other non-metallic minerals	209.31	174.00
Basic metals	1,793.62	1,424.70
Machinery/Equipment	163.43	195.40
Mining	805.95	757.67
Construction	1,328.40	1,177.90
Transport		
Railway	15.62	15.72
Road transport	2,427.79	2,224.29
Water transport	4,874.87	4,469.14
Air transport	1,192.60	677.22
Commercial		
Wholesale trade	1,397.99	2,246.89
Finance and housing	10.59	10.02
Private services	127.37	82.98
Agriculture		
Fishery	2,139.30	2,164.67
Agricultural crop products	588.79	246.82
Livestock/Poultry	45.95	45.16
Agricultural services	34.46	37.46
Forestry	283.02	72.28
Power Generation		
National Power Corporation	31,372.94	28,260.47
Other private	2,144.39	2,401.64
Others, n.e.c.	7,146.38	5,222.40
Refinery fuel/Losses	3,929.27	3,497.45

Note: Power generation includes Automotive Diesel Oil (ADO) and Industrial Fuel Oil (IFO) import for National Power Corporation (NPC) and IFO sales by Power Producing Cooperatives (PPC) to NPC. Lube refining: less IFO sales by PPC to NPC.

Source: Department of Energy.

Table 14.4
ENERGY CONSUMPTION BY SOURCE
1988 to 1998
(In million barrels of fuel-oil equivalent, MMBFOE)

Energy Source	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 p
Total	109.15	117.28	120.58	122.46	129.67	136.82	146.51	209.75	222.86	241.72	239.78
I. Indigenous Energy	40.28	41.80	41.31	40.61	38.01	39.28	42.17	92.25	97.13	97.11	97.66
a. Conventional	25.84	26.27	25.22	25.07	22.69	25.49	28.14	27.41	28.98	27.17	29.28
Oil	1.91	1.72	1.53	1.06	0.54	1.19	0.55	0.03	0.45	0.16	0.27
Gas	-	-	-	-	-	-	-	-	-	0.02	0.04
Coal	4.78	4.18	3.82	5.21	4.99	5.86	6.59	6.09	5.06	4.05	4.84
Hydro	10.80	11.22	10.45	8.87	7.33	8.67	10.11	10.71	12.17	10.46	8.77
Geothermal	8.35	9.15	9.42	9.93	9.83	9.77	10.90	10.58	11.30	12.48	15.36
b. New and Renewable Energy	14.44	15.53	16.09	15.54	15.32	13.79	14.03	64.84	68.15	69.94	68.38
Bagasse	4.59	6.14	5.42	6.15	6.08	4.90	5.21	4.15	7.89	9.69	10.17
Agriwaste	9.33	9.12	10.35	9.03	8.83	8.42	8.28	...	60.01	59.94	58.15
Coconut Husks/Shell	...	...	...	...	...	...	...	15.08	13.94	10.75	11.07
Rice Husk	...	...	...	...	...	...	...	4.06	4.12	4.26	4.34
Wood/Woodwaste	...	...	...	...	...	...	...	39.34	39.84	40.11	38.33
Charcoal	...	...	...	...	...	...	...	2.10	2.10	4.82	4.41
Others	0.52	0.27	0.32	0.36	0.41	0.47	0.55	0.10	0.25	0.31	0.06
II. Imported Energy	68.87	75.48	79.27	81.85	91.66	97.54	104.34	117.51	125.73	144.61	142.12
Oil	65.13	72.48	76.20	78.58	88.97	94.79	102.19	113.98	117.40	132.76	128.93
Coal	3.74	3.00	3.07	3.28	2.69	2.75	2.16	3.53	8.34	11.85	13.19

Notes: 1. Details may not add up to totals due to rounding.
2. Data on new and renewable energy were based on actual production plus the household consumption.
3. 1996 data of coconut consumption was revised based on the submission of Philippine Coconut Authority (PCA) dated 30 March 1998.

Source: Department of Energy.

Table 14.5
POWER GENERATION BY UTILITY
1981 to 1998
(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	26,327	24,798	283	33	134	1,079	...
1991	25,649	25,451	-	35	163	-	...
1992	25,870	25,538	-	43	289	-	...
1993	26,579	26,421	-	40	118	-	...
1994	30,465	25,092	-	32	70	-	5,270
1995	33,554	22,138	-	73	53	-	11,291
1996	36,708	23,816	-	93	60	-	12,739
1997	39,797	23,202	-	82	35	-	16,478
1998	41,207	24,170	-	92	26	-	16,920

Note: Details may not add up to totals due to rounding.
Source: Department of Energy.

Table 14.6
INSTALLED GENERATING CAPACITY
1988 to 1998
(In megawatts)

Plant Type	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
TOTAL	6,640	6,863	6,869	6,789	6,949	8,014	9,212	9,741	11,193	11,722	12,068
Hydro	2,139	2,147	2,153	2,155	2,257	2,259	2,254	2,303	2,303	2,303	2,304
Coal	525	525	525	405	405	441	550	850	1,600	1,600	2,200
Geothermal	894	888	888	888	888	1,018	1,073	1,163	1,446	1,886	1,907
Diesel/Oil	2,915	3,136	3,136	3,341	3,399	4,296	5,335	5,425	5,844	5,933	5,654
Non-Conventional	167	167	167	-	-	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-	-	-	-	-	3

Source: Department of Energy.

Table 14.7
ELECTRIC ENERGY CONSUMPTION BY SECTOR
1981 to 1998
(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	22,767	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	26,327	5,609	4,695	9,943	966	1,134	3,980
1991	25,649	6,249	4,847	9,339	952	1,086	3,176
1992	25,870	6,053	4,910	8,859	823	1,154	4,091
1993	26,579	6,368	4,725	9,395	721	1,132	4,238
1994	30,459	7,282	5,865	10,684	762	1,132	4,734
1995	33,554	8,223	6,353	10,950	1,067	1,226	5,735
1996	36,708	9,150	7,072	11,851	1,167	1,340	6,128
1997	39,797	10,477	7,984	12,531	1,296	1,471	6,037
1998	41,207	11,467	8,555	11,386	1,412	1,592	6,796

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, 1998

Region	Municipalities			Barangays			Connections		
	Coverage	Energized	% Energized	Coverage	Energized	% Energized	Potential	Actual	% Energized
Philippines	1,450	1,450	100	36,018	25,893	72	7,519,000	4,738,648	63
CAR	73	73	100	1,100	825	75	212,000	135,035	64
1 Ilocos Region	116	116	100	3,031	2,939	97	559,000	479,803	86
2 Cagayan Valley	97	97	100	2,386	1,732	73	439,000	306,445	70
3 Central Luzon	91	91	100	2,080	1,962	94	661,000	602,875	91
4 Southern Tagalog	148	148	100	3,514	2,687	76	735,000	516,688	70
5 Bicol Region	112	112	100	3,371	2,430	72	671,000	429,435	64
6 Western Visayas	132	132	100	3,870	2,810	73	889,000	480,092	54
7 Central Visayas	121	121	100	2,715	2,099	77	598,000	344,414	58
8 Eastern Visayas	143	143	100	4,388	2,744	63	562,000	304,468	54
9 Western Mindanao	80	80	100	2,145	1,133	53	439,000	219,972	50
10 Northern Mindanao	67	67	100	1,436	1,164	81	324,000	221,714	68
11 Southern Mindanao	79	79	100	1,568	989	63	607,000	317,517	52
12 Central Mindanao	31	31	100	755	406	54	149,000	89,205	60
13 Caraga	73	73	100	1,306	964	74	318,000	225,646	71
ARMM	87	87	100	2,353	1,009	43	356,000	65,339	18

Source: National Electrification Administration.

Table 14.9
NUMBER OF DULY ORGANIZED WATER DISTRICTS, FILED AND ISSUED CONDITIONAL CERTIFICATE OF CONFORMANCE BY REGION
1988 to 1998

Region	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Philippines	53	49	49	30	8	13	17	4	9	8	4
CAR	1	1	5	1	-	-	-	-	-	-	-
1 Ilocos Region	4	1	2	-	-	2	-	2	2	3	2
2 Cagayan Valley	5	6	2	2	-	-	3	-	-	-	1
3 Central Luzon	8	9	6	6	1	-	4	1	1	-	-
4 Southern Tagalog	9	5	8	2	1	2	2	-	1	2	1
5 Bicol Region	5	1	7	1	-	-	-	-	-	1	-
6 Western Visayas	15	7	5	1	2	1	1	-	-	-	-
7 Central Visayas	-	2	2	4	-	-	1	-	-	-	-
8 Eastern Visayas	2	4	2	1	-	3	1	-	2	2	-
9 Western Mindanao	1	3	2	2	3	2	1	-	-	-	-
10 Northern Mindanao	1	5	2	3	-	1	-	-	-	-	-
11 Southern Mindanao	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 1998
(Area in hectares)

Year	Service Area [1]	Irrigated Area		Benefited Area		Average Yield (cavans/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	...	...
1998	669,767	455,885	371,227	368,809	302,904	...	...

[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
1981 to 1998
(Area in hectares)

Year	Total	National	Communal	Pump/Private
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
1998	27,657	8,803	16,322	2,532

Note: From 1981 to 1996, NIA discontinued the development of pump . ytems due to uneconomic cost of operations and maintenance. There is no available data for private irrigation systems.

Source: National Irrigation Administration.

Table 14.12
STATUS OF IRRIGATION DEVELOPMENT BY REGION
As of December 31, 1998
(Area in hectares)

Region	Potential Irrigable Area	Service Area				Irrigation Development (in percent)
		Total	National	Communal	Private	
Philippines	3,126,340	1,329,587	669,697	485,690	174,200	42.5
CAR Cordillera Administrative	99,650	56,507	11,444	22,151	22,912	56.7
1 Ilocos Region	277,180	171,002	53,400	90,273	27,329	61.7
2 Cagayan Valley	472,640	198,015	145,070	29,850 [a]	23,095 [a]	41.9
3 Central Luzon	482,230	249,389	172,889	61,599	14,901	51.7
4 Southern Tagalog	263,590	120,541	52,228	44,697 [a]	23,616 [a]	45.7
5 Bicol Region	239,660	95,071	23,412	42,175	29,484	39.7
6 Western Visayas	197,250	76,988	52,235	19,254 [a]	5,499 [a]	39.0
7 and 8 Central Visayas Eastern Visayas	135,120	75,331	20,815	47,511	7,005	55.8
9 Western Mindanao	76,500	33,432	15,162	16,298 [a]	1,972 [a]	43.7
10 Northern Mindanao	108,140	38,641	17,757	18,120	2,764	35.7
11 Southern Mindanao	301,860	112,180	59,029	42,337	10,814	37.2
12 Central Mindanao	310,220	65,617	31,365	32,759	1,493	21.2
13 Caraga	162,300	36,873	14,891	18,666	3,316	22.7

[a] - As of December 31, 1997.

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: 1989 to 1998*

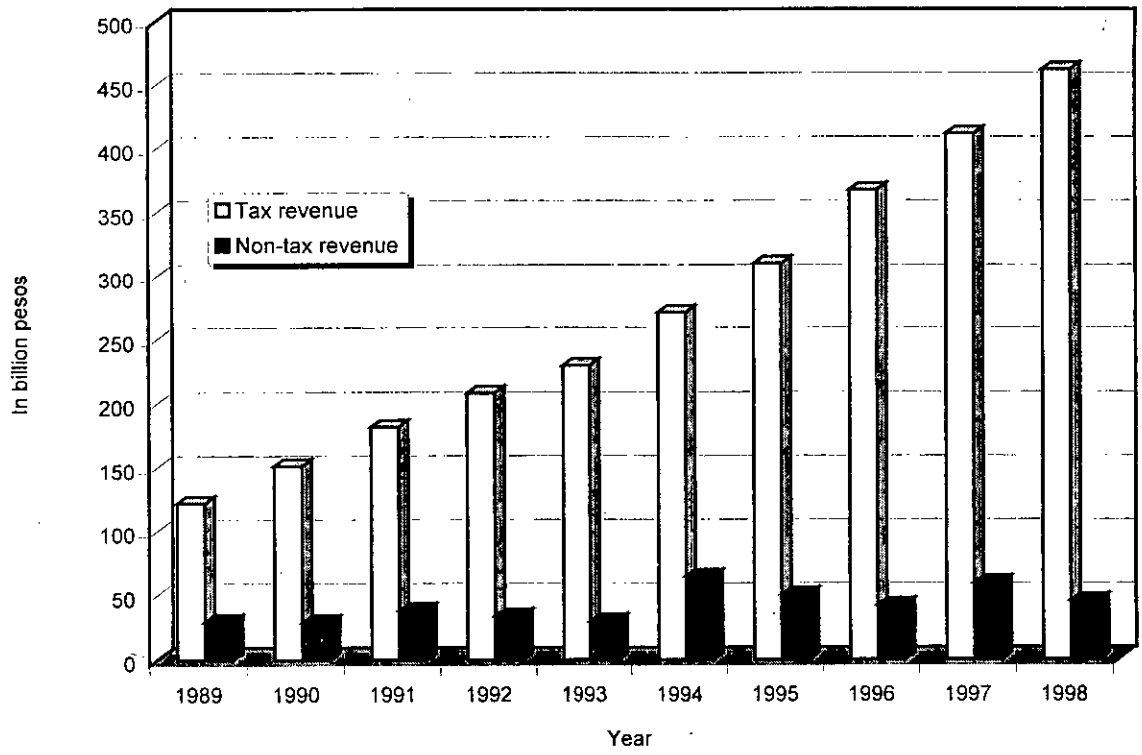

Figure 15.2 *LOCAL GOVERNMENT REVENUES BY TYPE: 1997*
Provinces, Chartered Cities and Municipalities
(In million pesos)

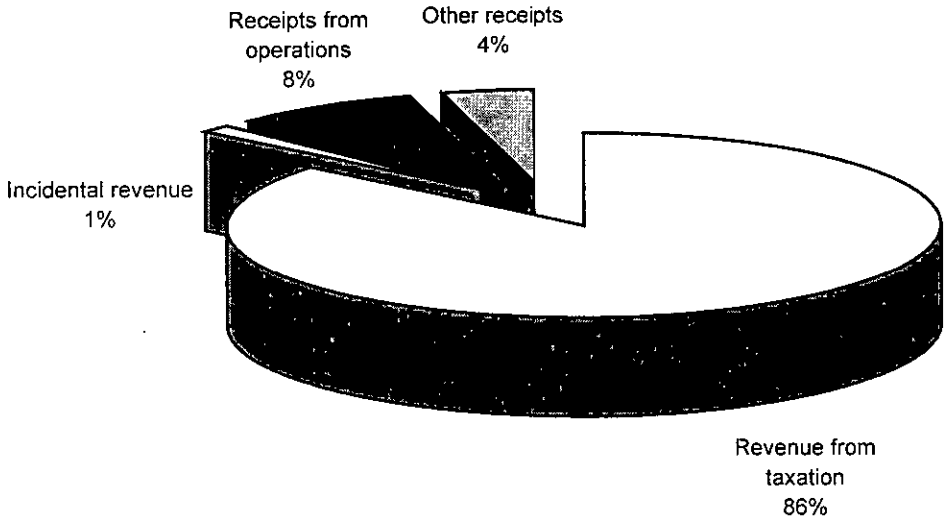

Table 15.1
NATIONAL GOVERNMENT CASH BUDGET
1987 to 1999
(In million pesos)

Item	1987	1988	1989	1990	1991
Revenues	103,214	112,900	142,100	179,500	220,787
Less: Current Operating Expenditures	95,503	113,600	127,500	149,300	196,523
Current Surplus	7,711	(700)	14,600	30,200	24,264
Less: Capital Outlays and Net Lending	24,404	22,500	29,200	38,100	44,098
Deficit/surplus	(16,693)	(23,200)	(14,600)	(7,900)	(19,834)
Financing Account	16,693	23,200	14,600	7,900	19,834
Net Domestic	9,912	19,000	3,100	1,400	12,954
Net External	6,781	4,200	11,500	6,500	6,880

Source: Department of Budget and Management.

Table 15.2
NATIONAL GOVERNMENT REVENUES, BY TYPE
1986 to 1998
(In million pesos)

Item	1986	1987	1988	1989	1990
Total Revenues	79,245	103,214	112,861	152,410	180,902
1. Tax revenue	65,491	85,923	90,352	122,462	151,698
Taxes on net income and profits	19,148	21,799	27,409	37,592	49,366
Taxes on property	205	239	384	659	279
Real property taxes	123	177	306	537	84
Transfers taxes	82	62	78	122	195
Taxes on goods and services	26,659	35,893	33,207	42,040	50,745
General sales, turnover or value added taxes	3,712	5,931	7,495	10,156	13,079
Selective taxes on goods	16,383	22,641	19,597	24,857	28,875
Selective taxes on services	4,553	4,727	3,571	4,596	6,207
Taxes on use of goods or permissions to perform activities and others	2,011	2,594	2,544	2,431	2,584
Taxes on international trade and transactions	17,851	26,274	25,580	38,919	46,570
Import duties & taxes	16,859	25,977	25,011	38,375	45,948
Export taxes	637	15	3	0	0
Others	355	282	566	544	622
Other taxes	1,628	1,718	3,772	3,252	4,738
Stamps taxes	1,451	1,472	2,534	3,033	3,544
Residence taxes	0	0	0	0	0
Others	177	246	1,238	219	1,194
Non-tax revenue	13,754	17,291	22,509	29,948	29,204
Non-tax revenue proper	13,219	15,568	20,723	23,263	22,642
Capital revenue	4	- 5	11	4,984	4,181
CARP	0	0	0	0	0
Grants	531	1,718	1,775	1,701	2,381

Source: Bureau of the Treasury.

Table 15.1 (continued)

1992	1993	1994	1995	1996	1997	1998	1999
223,300	260,300	335,300	370,000	417,200	471,843	466,080	550,496
214,900	223,300	258,000	279,300	307,100	371,047	422,327	470,363
8,400	37,000	77,300	90,700	110,100	100,796	43,753	80,133
50,700	57,600	59,200	75,200	92,600	99,232	83,753	98,042
(42,300)	(20,600)	18,100	15,500	17,500	1,564	(40,000)	(17,909)
42,300	20,600	(18,100)	(15,500)	(17,500)	(1,564)	40,000	17,909
27,900	9,400	(4,400)	(15,000)	(12,800)	5,254	6,154	32,129
14,400	11,200	(13,700)	(500)	(4,700)	(6,818)	33,846	(14,220)

Table 15.2 (continued)

1991	1992	1993	1994	1995	1996	1997	1998 P
220,787	242,714	260,405	336,160	361,220	410,449	471,843	462,515
182,275	208,706	230,170	271,305	310,517	367,894	412,165	416,585
61,053	70,123	74,795	91,886	111,165	136,356	164,170	183,914
189	248	223	383	417	565	881	469
22	0	0	0	0	0	0	0
167	248	223	383	417	565	881	469
51,155	57,285	65,938	76,025	84,840	107,689	130,720	128,716
14,951	18,113	22,665	21,755	28,817	40,926	47,273	47,539
25,389	27,629	30,258	39,594	38,526	48,389	63,049	60,850
7,967	8,276	9,198	13,363	15,482	16,528	18,908	18,127
2,848	3,267	3,817	1,313	2,015	1,846	1,490	2,200
64,973	73,577	82,691	82,318	97,965	104,850	95,187	76,371
64,391	72,871	81,971	81,610	97,601	104,566	94,800	76,005
0	0	0	0	0	0	0	0
582	706	720	708	364	284	387	366
4,905	7,473	6,523	20,693	16,130	18,434	21,207	27,116
4,838	6,419	5,717	14,013	12,399	14,292	16,474	18,915
0	0	0	0	0	0	0	0
67	1,054	806	6,680	3,731	4,142	4,733	8,201
38,512	34,008	30,235	64,855	50,703	42,555	59,678	45,930
31,321	29,987	27,007	34,209	26,886	36,326	48,512	43,581
4,119	1,876	1,677	29,914	22,829	5,660	9,428	1,717
0	0	0	0	0	0	0	236
3,072	2,145	1,551	732	988	569	1,738	396

Figure 15.3 NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION, REGULAR POSITIONS: 1994 to1997

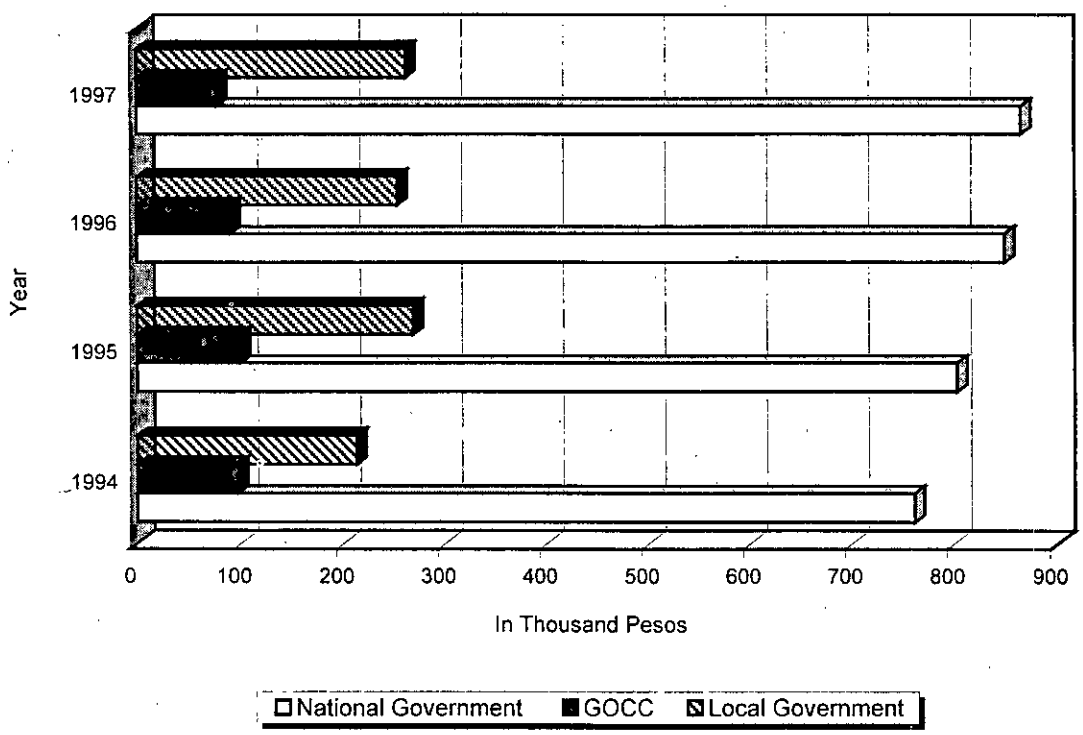

Figure 15.4 NUMBER OF GOVERNMENT PERSONNEL BY SEX: 1997

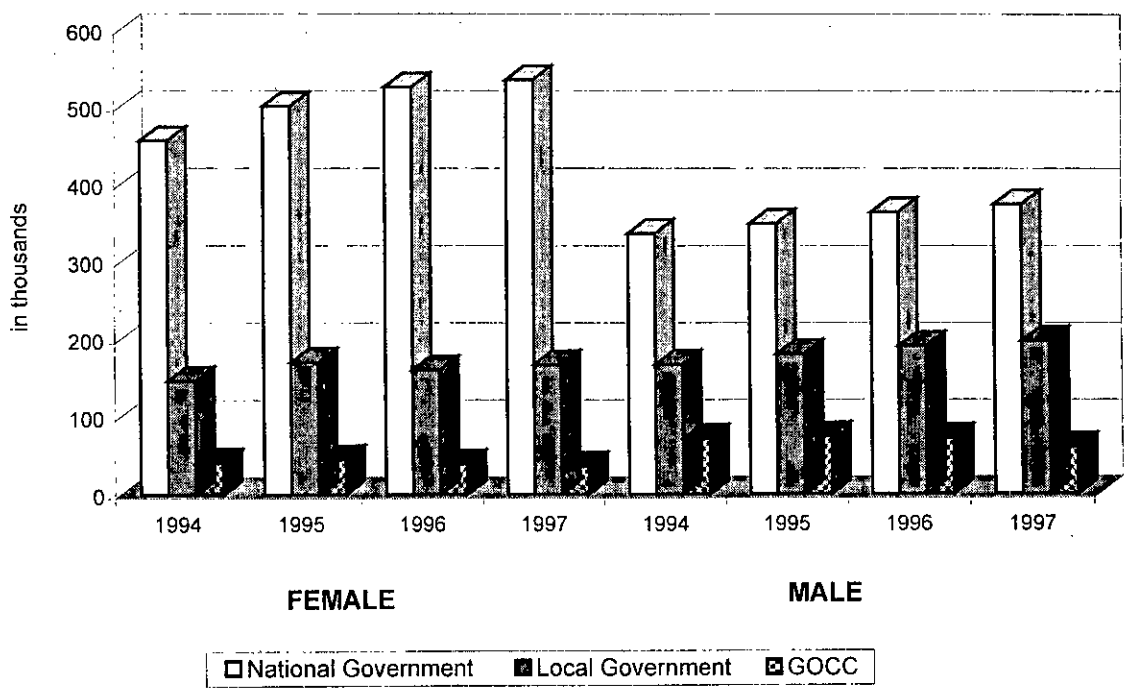

Table 15.3
EXPENDITURE PROGRAM BY SECTOR
1997 to 1999

Particulars	Levels (in million pesos)			Percent Distribution		
	1997	1998	1999	1997	1998	1999
Total	491,783	528,263	579,481	100.00	100.00	100.00
SOCIAL SERVICES	158,864	177,902	195,213	32.30	33.68	33.69
Education, Culture, and Manpower Development	94,954	106,245	112,356	19.31	20.11	19.39
Health	14,154	13,743	14,108	2.88	2.60	2.43
Social Security, Labor and Employment	20,263	21,124	23,906	4.12	4.00	4.13
Housing and Community Development	2,438	1,647	1,790	0.50	0.31	0.31
Land Distribution	-	2,507	2,536	0.00	0.47	0.44
Other Social Services	767	5,666	4,709	0.16	1.07	0.81
Subsidy to Local Government Units	26,288	26,970	35,808	5.35	5.11	6.18
ECONOMIC SERVICES	131,779	113,613	128,462	26.80	21.51	22.17
Agriculture, Agrarian Reform	31,600	18,998	22,799	6.43	3.60	3.93
Natural Resources	9,306	6,118	6,408	1.89	1.16	1.11
Trade and Industry	4,956	3,266	3,363	1.01	0.62	0.58
Tourism	980	611	762	0.20	0.12	0.13
Power and Energy	1,639	926	797	0.33	0.18	0.14
Water Resource Development and Flood Control	6,563	4,322	4,804	1.33	0.82	0.83
Communications, Roads, and Other Transport	48,441	45,098	49,537	9.85	8.54	8.55
Other Economic Services	3,427	8,762	6,119	0.70	1.66	1.06
Subsidy to Local Government Units	24,867	25,512	33,873	5.06	4.83	5.85
DEFENSE	29,212	29,308	30,191	5.94	5.55	5.21
Domestic security	29,212	29,308	30,191	5.94	5.55	5.21
GENERAL PUBLIC SERVICES	92,576	99,267	104,376	18.82	18.79	18.01
General Administration	36,353	35,671	35,379	7.39	6.75	6.11
Public Order and Safety	33,481	38,663	40,996	6.81	7.32	7.07
Other General Public Services	2,848	4,486	866	0.58	0.85	0.15
Subsidy to Local Government Units	19,894	20,447	27,135	4.05	3.87	4.68
NET LENDING	1,381	486	520	0.28	0.09	0.09
INTEREST PAYMENTS	77,971	107,687	120,719	15.85	20.39	20.83

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
1985 to 1999
(In million pesos)

Type of Expenditure	1985	1986	1987	1988	1989	1990
National Government Expenditures	92,511.0	115,102.0	155,504.0	167,409.0	173,339.0	255,775.4
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, & other benefits)	22,530.0	26,733.0	31,537.4	43,595.9	52,006.0	64,289.0
2. Maintenance and other operating expenses	12,665.0	13,425.2	19,074.0	19,105.9	23,175.0	26,293.3
a. Travelling expenses	675.0	717.0	935.9	1,166.8	1,285.0	1,573.8
b. Communication services	161.0	159.0	177.3	254.6	295.0	320.2
c. Repairs & maintenance of government facilities	1,556.0	2,322.0	2,345.5	3,505.8	2,861.0	3,011.4
d. Transportation services	242.0	228.0	200.3	338.3	311.0	328.7
e. Other services	4,147.0	3,974.0	8,416.8	5,364.0	8,063.0	9,253.1
f. Supplies and materials	3,687.0	3,745.0	4,597.1	5,462.0	6,952.0	8,313.3
g. Rent expense	302.0	313.0	275.4	447.5	507.0	543.1
h. Maintenance of motor vehicles used for official travel of officials & employees	866.0	784.0	963.7	1,070.7	1,441.0	1,254.3
i. Water, illumination & power service	600.0	751.0	724.4	909.3	919.0	1,055.7
j. Discretionary expenses, representation and emergency expenses	267.0	197.0	343.0	352.0	315.0	396.5
k. Others	162.0	235.2	94.6	234.9	226.0	243.2
3. Debt Service	22,264.0	40,562.0	70,223.6	71,321.1	56,924.0	106,346.0
a. Interest payments	14,901.0	21,442.0	37,434.2	45,864.5	39,716.0	71,114.0
b. Loan repayment & sinking fund contribution	7,363.0	19,120.0	32,789.4	25,456.6	17,209.0	35,232.0
4. Net lending	-	-	7,640.9	4,907.0	1,589.0	2,155.7
5. Transfer payments	5,558.0	7,936.8	6,767.4	10,241.3	12,281.0	18,455.4
a. Grants, subsidies & contributions	5,207.0	6,922.0	5,934.9	8,368.8	10,931.0	16,466.7
b. Awards and indemnities	-	17.8	19.2	15.2	13.0	32.6
c. SSS benefits & other claims (retirement benefits & gratuities)	351.0	997.0	813.3	1,857.3	1,337.0	1,956.1
6. Capital Outlay	29,494.0	26,445.0	20,260.7	18,237.8	27,364.0	38,236.0
a. Land & land improvement, building and structure outlay	8,184.0	8,312.0	11,285.1	11,832.8	16,976.0	29,406.2
b. Furniture & equipment outlay	1,169.0	879.0	1,225.7	2,810.6	3,502.0	2,451.5
c. Investment outlay	14,403.0	12,128.0	4,724.1	2,374.2	5,552.0	5,577.9
d. Loans outlay	5,738.0	5,126.0	3,025.8	1,220.2	1,334.0	800.4
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 1999).

Table 15.4 (continued)

1991	1992	1993	1994	1995	1996	1997	1998	1999
293,160.6	286,603.0	313,752.4	327,768.0	392,449.9	399,760.7	469,006.0	522,811.1	579,480.9
69,327.0	77,554.0	76,947.5	92,572.8	116,747.7	138,332.7	179,534.7	208,388.5	219,087.6
27,693.9	30,841.7	31,603.2	34,631.7	44,386.7	51,439.1	54,444.6	61,391.7	60,699.2
1,708.2	1,610.7	1,658.6	1,931.4	2,300.5	2,831.5	2,958.5	3,581.0	3,296.1
356.3	390.2	415.5	473.4	617.5	628.0	807.4	966.0	1,016.0
2,876.5	2,187.6	3,001.5	3,177.6	5,840.9	5,989.0	6,783.2	7,460.5	6,945.8
316.4	377.9	514.2	315.7	453.9	356.3	431.9	439.5	543.2
7,844.5	9,232.8	11,724.8	10,254.8	15,499.6	14,228.7	19,014.3	21,347.7	20,237.8
9,762.6	11,014.9	11,240.6	11,008.5	13,835.9	13,821.6	14,032.3	15,602.8	16,381.5
581.7	666.3	741.8	962.4	1,126.6	1,319.7	1,688.3	2,017.9	2,129.0
1,475.4	837.6	631.7	758.3	1,076.9	508.4	1,097.8	1,018.1	864.9
1,295.4	1,313.8	1,510.6	1,706.5	1,953.7	2,102.2	2,333.8	2,745.0	2,841.5
128.6	319.8	163.9	345.5	262.6	157.1	586.9	804.3	1,185.5
1,348.3	2,890.1	-	3,697.6	1,418.6	9,496.6	4,710.2	5,408.9	5,257.9
120,455.5	109,253.0	114,164.6	79,165.8	76,841.8	76,562.7	75,081.5	75,571.0	120,719.0
74,921.8	79,571.0	77,328.6	79,123.0	76,814.5	76,532.0	75,050.5	75,545.0	120,719.0
45,533.7	29,682.0	36,836.0	42.8 [a]	27.3 [a]	30.7 [a]	31.0 [a]	26.0	-
5,740.0	2,198.7	2,707.0	(1,114.0)	1,127.0	1,161.0	1,110.6	485.8	520.0
20,307.1	29,133.9	43,348.8	55,896.1	56,128.5	83,407.4	91,863.0	105,439.7	119,536.6
17,655.6	26,814.4	41,365.9	53,698.1	53,333.6	79,013.5	86,691.7	99,141.6	110,943.0
27.0	48.2	36.6	52.6	41.2	132.6	113.5	152.7	158.4
2,624.5	2,271.3	1,946.4	2,145.4	2,753.7	4,261.3	5,057.8	6,145.4	8,435.2
49,637.1	37,621.7	44,981.3	66,615.6	97,218.2	48,857.8	66,971.6	71,534.4	58,918.5
36,505.8	27,839.3	32,485.6	51,065.8	76,432.9	34,458.0	50,158.7	51,803.2	49,431.8
5,023.7	5,884.1	4,896.6	5,770.3	12,730.3	7,944.2	10,582.0	17,040.5	7,102.6
5,001.9	2,611.1	6,173.3	8,326.3	6,028.4	4,135.5	4,737.6	1,523.5	1,642.0
3,105.7	1,287.2	1,425.8	1,401.4	1,192.8	2,068.2	1,319.9	962.4	528.3
-	-	-	51.8	833.8	251.9	173.4	204.8	213.8

Table 15.5
LOCAL GOVERNMENT REVENUES [1] BY TYPE
1965 to 1997
(Provinces, Chartered Cities and Municipalities)
(In million pesos)

Year [2]	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
1997	93,666.3	80,772.1	1,138.3	7,953.4	3,802.5

[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 UNITS, ALL FUNDS
1988 to 1997
(In million pesos)

Income/expenditures	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
INCOME										
Tax Revenue	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	80,772.1
Operating & miscellaneous revenues	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	7,953.4
Capital Revenue	14.3	653.5	219.1	243.0	312.4	30.6	17.1	64.9	309.6	639.7
Grants	3,603.9	2,457.1	2,692.5	3,396.3	543.8	645.4	605.2	735.5	352.1	498.6
Extraordinary income	20.2	24.0	9.7	17.3	16.2	15.8	34.5	34.3	208.5	574.5
Borrowings	33.4	48.0	97.4	448.4	420.9	1,342.5	2,605.6	2,492.7	3,404.9	3,228.0
Total Income	13,358.9	15,280.6	19,062.4	23,899.5	27,433.5	44,210.4	59,830.3	67,840.0	76,109.3	93,666.3
EXPENDITURES										
Personal Services	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	44,843.0
Maintenance and other operating expenses	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	30,864.7
Capital outlay	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	14,931.6
Total Expenditures	11,244.6	13,891.6	18,021.5	23,681.9	24,444.0	37,828.9	52,553.5	64,491.5	71,582.5	90,639.3

Source: Commission on Audit.

Table 15.7
INTERNAL DEBT OUTSTANDING CLASSIFIED BY LEVEL OF GOVERNMENT [1]
1985 to 1998
(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	721,333.7	714,149.6	6,938.5	245.6
1997 P	725,674.8	716,532.8	9,113.7	28.3
January	715,398.8	708,053.9	7,099.2	245.7
February	719,653.6	711,977.5	7,431.6	244.5
March	719,547.9	711,989.3	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	705,421.0	696,962.1	8,388.2	70.7
August	704,269.4	695,814.4	8,384.8	70.2
September	710,951.4	702,552.0	8,370.2	29.2
October	720,032.1	711,647.5	8,355.9	28.7
November	722,668.3	713,659.5	8,980.2	28.6
December	725,674.8	716,532.8	9,113.7	28.3
1998 P	807,173.8	796,997.7	10,149.3	26.8
January	728,035.6	718,780.1	9,227.2	28.3
February	729,219.4	719,813.5	9,377.6	28.3
March	728,508.9	718,961.2	9,519.4	28.3
April	729,494.9	719,852.4	9,614.2	28.3
May	752,607.0	742,844.7	9,734.3	28.0
June	764,891.9	755,251.9	9,612.0	28.0
July	774,149.6	764,387.1	9,734.5	28.0
August	769,905.8	760,121.2	9,757.2	27.4
September	763,446.7	753,553.2	9,866.7	26.8
October	774,407.5	764,438.2	9,942.5	26.8
November	788,110.5	778,034.8	10,048.9	26.8
December	807,173.8	796,997.7	10,149.3	26.8

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 1998
(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	721,333.7	138,585.0	143,134.7	439,614.0
1997 P	725,674.8	166,540.2	158,287.9	400,846.7
January	715,398.8	143,798.8	143,992.7	427,607.3
February	719,653.6	143,903.8	151,466.3	424,283.5
March	719,547.9	147,227.6	155,753.2	416,567.1
April	712,032.4	149,354.5	158,020.2	404,657.7
May	712,515.3	155,153.8	160,179.3	397,182.2
June	714,117.7	153,378.5	165,733.7	395,005.5
July	705,421.0	153,437.1	162,784.0	389,199.9
August	704,269.4	153,437.1	162,801.6	388,030.7
September	710,951.4	153,417.1	160,591.6	396,942.7
October	720,032.0	158,218.1	161,333.5	400,480.4
November	722,668.3	165,880.5	160,050.6	396,737.2
December	725,674.8	166,540.2	158,287.9	400,846.7
1998 P	807,173.8	188,466.4	167,564.5	451,142.9
January	728,035.6	166,621.9	151,066.5	410,347.2
February	729,219.4	166,690.2	148,085.4	414,443.8
March	728,508.9	166,220.7	149,545.8	412,742.4
April	729,494.9	168,136.9	148,475.0	412,883.0
May	752,607.0	170,893.6	148,087.4	433,626.0
June	764,891.9	170,912.5	154,933.7	439,045.7
July	774,149.6	171,288.6	152,523.9	450,337.1
August	769,905.8	172,117.6	151,768.9	446,019.3
September	763,446.7	172,232.9	159,848.0	431,365.8
October	774,407.5	176,455.1	158,078.2	439,874.2
November	788,110.5	181,891.8	160,887.9	445,330.8
December	807,173.8	188,466.4	167,564.5	451,142.9

Source: Bangko Sentral ng Pilipinas.

Table 15.9
OUTSTANDING GOVERNMENT DOMESTIC SECURITIES
1989 to 1998
(In million pesos)

End of Period	Total	National Government [1]	Government Corporation	Monetary Institutions
1989	227,199.6	217,877.1	3,279.7	6,042.8
1990	245,039.7	237,639.8	3,371.6	4,028.3
1991	333,317.1	282,447.0	3,504.4	47,365.7
1992	508,277.9	435,729.6	3,885.5	68,662.8
1993	653,073.2	624,181.2	4,104.3	24,787.7
1994	614,964.2	605,882.0	4,507.9	4,574.3
1995	667,954.5	662,102.2	5,218.7	633.6
1996	711,396.6	706,367.8	4,783.2	245.6
1997	714,573.9	708,747.0	5,798.6	28.3
January	705,444.3	700,266.0	4,932.6	245.7
February	709,636.8	704,189.6	5,202.7	244.5
March	709,521.9	704,201.4	5,076.7	243.8
April	702,103.9	696,855.8	5,128.1	120.0
May	701,424.8	696,214.1	5,090.7	120.0
June	703,031.6	697,872.9	5,087.8	70.9
July	694,330.8	689,176.2	5,083.9	70.7
August	693,166.5	688,028.6	5,067.7	70.2
September	699,846.7	694,766.2	5,051.3	29.2
October	708,925.3	703,861.7	5,034.9	28.7
November	711,567.8	705,873.7	5,665.5	28.6
December	714,573.9	708,747.0	5,798.6	28.3
1998 [P]	796,077.2	789,214.1	6,836.3	26.8
January	716,932.7	710,994.3	5,910.1	28.3
February	718,059.5	712,027.8	6,003.4	28.3
March	717,309.4	711,175.5	6,105.6	28.3
April	718,276.0	712,068.8	6,178.9	28.3
May	741,370.5	735,061.1	6,281.4	28.0
June	753,793.7	747,468.3	6,297.4	28.0
July	763,052.1	756,603.5	6,420.6	28.0
August	758,809.2	752,337.6	6,444.2	27.4
September	752,350.1	745,769.6	6,553.7	26.8
October	763,310.9	756,654.6	6,629.5	26.8
November	777,013.9	770,251.2	6,735.9	26.8
December	796,077.2	789,214.1	6,836.3	26.8

[1] - Include Capital Treasury Notes.

Source: Bangko Sentral ng Pilipinas.

Table 15.10
NUMBER OF GOVERNMENT PERSONNEL BY MAJOR SUBDIVISION
1970 to 1997 [1]
(In thousands)

Major Sudivision	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 [2]	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 1997

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)

Electoral Exercise		Number of	Registered Voters			Voters who Actually Voted			Voters'
Date	Type	Precincts	Total	Male	Female	Total	Male	Female	Turn-Out
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 [1]	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 [1]	2,668	805,071	-	-	615,372	-	-	76.44
11-May-98	National and Local Elections	174,420 [a]	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 December 31, 1998

Region	Number			
	Province	City	Municipality	Barangay
Philippines	78	82	1,525	41,940
1 Ilocos Region	4	5	120	3,265
Ilocos Norte		1	22	557
Ilocos Sur		-	34	768
La Union		1	19	576
Pangasinan		3	45	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	116	2,948
Bataan		-	12	237
Bulacan		-	24	568
Nueva Ecija		3	29	849
Pampanga		1	21	537
Tarlac		1	17	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	120	4,048
Aklan		-	17	327
Antique		-	18	590
Capiz		1	16	473
Guimaras		-	5	96
Iloilo		2	42	1,901
Negros Occidental		10	22	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	6	4	63	1,522
Davao		2	8	223
Davao Oriental		-	11	183
Davao del Sur		1	15	517
South Cotabato		1	11	224
Sarangani		-	7	140
Compostela Valley		-	11	235
12 Central Mindanao	3	4	51	1,430
Lanao del Norte		1	22	506
North Cotabato		1	17	543
Sultan Kudarat		-	12	248
Cotabato City		1	-	37
Marawi City		1	-	96
13 Caraga	4	2	71	1,307
Agusan del Norte		1	11	249
Agusan del Sur		-	14	314
Surigao del Sur		-	19	309
Surigao del Norte		1	27	435
National Capital Region	-	12	5	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	-	85	2,138
Lanao del Sur		-	38	1,059
Maguindanao		-	19	466
Sulu		-	18	410
Tawi-tawi		-	10	203

Source: NSCB Technical Working Group on Geographic Classification.

16 BANKING AND FINANCE

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 1998
(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	(18,002.0)	277,100.0	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	(88,791.0)	1,084,007.0	580,048.0	230,237.0
1996	221,957.0	(247,325.0)	1,507,737.0	662,435.0	376,020.0
1997	258,318.0	(482,490.0)	1,922,861.0	810,975.0	371,078.0
1998 p	281,514.0	(358,431.0)	1,868,958.0	870,084.0	358,929.0
January	246,082.0	(500,102.0)	1,944,675.0	814,363.0	384,128.0
February	243,084.0	(472,446.0)	1,885,955.0	802,507.0	367,918.0
March	241,606.0	(428,528.0)	1,853,590.0	819,374.0	364,082.0
April	250,963.0	(417,034.0)	1,854,203.0	809,369.0	376,837.0
May	255,527.0	(383,977.0)	1,845,654.0	817,331.0	388,819.0
June	251,213.0	(412,561.0)	1,888,083.0	835,561.0	388,748.0
July	241,070.0	(402,221.0)	1,855,945.0	827,929.0	384,725.0
August	235,853.0	(418,881.0)	1,888,863.0	831,282.0	402,847.0
September	238,422.0	(408,015.0)	1,872,225.0	831,729.0	394,059.0
October p	243,915.0	(377,313.0)	1,832,519.0	832,829.0	378,462.0
November p	253,719.0	(383,163.0)	1,843,743.0	845,835.0	361,026.0
December p	281,514.0	(358,431.0)	1,868,958.0	870,084.0	358,929.0

Source: Bangko Sentral ng Pilipinas.

Table 16.2
FACTORS AFFECTING MONEY SUPPLY
1970 to 1998
(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 r	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	246,636.0	304,023.0	(57,387.0)	(157,624.0)
1991	101,374.0	194,179.0	268,860.0	(74,681.0)	(92,805.0)
1992	112,092.0	130,094.0	181,992.0	(51,898.0)	(18,002.0)
1993	133,877.0	165,414.0	180,074.0	(14,660.0)	(31,537.0)
1994	151,952.0	187,121.0	226,245.0	(39,124.0)	(35,169.0)
1995	184,931.0	273,722.0	234,557.0	39,165.0	(88,791.0)
1996 r	221,957.0	469,282.0	189,517.0	279,765.0	(247,325.0)
1997	258,318.0	740,808.0	326,661.0	414,147.0	(482,490.0)
1998 p	281,514.0	639,945.0	306,466.0	333,479.0	(358,431.0)
January	246,082.0	746,184.0	305,337.0	440,847.0	(500,102.0)
February	243,084.0	715,530.0	297,167.0	418,363.0	(472,446.0)
March	241,606.0	670,134.0	294,644.0	375,490.0	(428,528.0)
April	250,963.0	667,997.0	265,063.0	402,934.0	(417,034.0)
May	255,527.0	639,504.0	278,990.0	360,514.0	(383,977.0)
June	251,213.0	663,774.0	268,895.0	394,879.0	(412,561.0)
July	241,070.0	643,291.0	261,671.0	381,620.0	(402,221.0)
August	235,853.0	654,734.0	239,653.0	415,081.0	(418,881.0)
September	238,422.0	646,437.0	218,493.0	427,944.0	(408,015.0)
October p	243,915.0	621,228.0	261,243.0	359,985.0	(377,313.0)
November p	253,719.0	636,882.0	295,348.0	341,534.0	(383,163.0)
December p	281,514.0	639,945.0	306,466.0	333,479.0	(358,431.0)

Source: Bangko Sentral ng Pilipinas.

Table 16.3
DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS
1970 to 1998
(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 r	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	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
1998 p	1,144,552.0	281,514.0	146,065.0	135,449.0	856,924.0	801,564.0	55,360.0	6,114.0
January	1,057,245.0	246,082.0	128,834.0	117,248.0	797,929.0	752,731.0	45,198.0	13,234.0
February	1,042,196.0	243,084.0	126,116.0	116,968.0	786,329.0	741,482.0	44,847.0	12,783.0
March	1,057,086.0	241,606.0	126,220.0	115,386.0	803,389.0	759,177.0	44,212.0	12,091.0
April	1,056,300.0	250,963.0	136,438.0	114,525.0	793,749.0	750,204.0	43,545.0	11,588.0
May	1,068,903.0	255,527.0	136,048.0	119,479.0	802,113.0	759,068.0	43,045.0	11,263.0
June	1,082,808.0	251,213.0	126,559.0	124,654.0	820,699.0	777,799.0	42,900.0	10,896.0
July	1,065,314.0	241,070.0	122,554.0	118,516.0	813,990.0	770,890.0	43,100.0	10,254.0
August	1,063,600.0	235,853.0	116,857.0	118,996.0	818,135.0	774,138.0	43,997.0	9,612.0
September	1,065,067.0	238,422.0	117,472.0	120,950.0	818,380.0	773,024.0	45,356.0	8,265.0
October p	1,073,239.0	243,915.0	123,986.0	119,929.0	821,526.0	775,442.0	46,084.0	7,798.0
November p	1,096,094.0	253,719.0	129,362.0	124,357.0	834,465.0	785,565.0	48,900.0	7,910.0
December p	1,144,552.0	281,514.0	146,065.0	135,449.0	856,924.0	801,564.0	55,360.0	6,114.0

Source: Bangko Sentral ng Pilipinas and the Bureau of the Treasury.

Table 16.4
GROSS DOMESTIC CREDITS OF DEPOSIT MONEY BANKS
1971 to 1998
In million pesos)

End of Period	Grand Total	Domestic securities				Loans and advances				Credits to Central Bank	Claims on CB-BOL
		Total	National Govern-ment	Local gov't and semi-gov't entities	Private businesses and individuals	Total	National Govern-ment	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	291,024.0	63,995.0	53,195.0	1,776.0	9,024.0	226,211.0	4,760.0	18,929.0	202,522.0	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	19,874.0	380,768.0	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	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
1998	1,747,009.0	339,642.0	241,165.0	9,311.0	89,166.0	1,356,920.0	8,800.0	41,542.0	1,306,578.0	76.0	50,371.0
January	1,802,115.0	311,927.0	245,303.0	6,262.0	60,362.0	1,440,689.0	4,434.0	33,454.0	1,402,801.0	86.0	49,413.0
February	1,733,751.0	287,409.0	223,265.0	6,034.0	58,110.0	1,398,245.0	3,943.0	34,852.0	1,359,450.0	85.0	48,012.0
March	1,728,589.0	314,864.0	247,223.0	7,338.0	60,303.0	1,369,331.0	3,961.0	34,157.0	1,331,213.0	96.0	44,298.0
April	1,747,134.0	308,979.0	236,836.0	8,851.0	63,292.0	1,390,782.0	5,061.0	42,230.0	1,343,491.0	109.0	47,264.0
May	1,725,356.0	317,910.0	243,217.0	8,354.0	66,339.0	1,359,936.0	6,478.0	44,647.0	1,308,811.0	114.0	47,396.0
June	1,764,040.0	330,409.0	246,591.0	7,829.0	75,989.0	1,383,509.0	4,555.0	46,999.0	1,331,955.0	77.0	50,045.0
July	1,739,811.0	329,134.0	247,049.0	8,060.0	74,025.0	1,366,057.0	4,634.0	45,658.0	1,315,765.0	78.0	44,542.0
August	1,767,487.0	324,402.0	235,915.0	7,633.0	80,854.0	1,392,630.0	4,752.0	46,940.0	1,340,938.0	77.0	50,378.0
September	1,760,589.0	323,102.0	233,601.0	9,050.0	80,451.0	1,391,939.0	15,801.0	40,956.0	1,335,182.0	77.0	45,471.0
October	1,724,252.0	320,809.0	231,761.0	8,959.0	80,089.0	1,355,328.0	12,977.0	43,156.0	1,299,195.0	76.0	48,039.0
November	1,727,117.0	333,451.0	240,928.0	9,317.0	83,206.0	1,341,528.0	12,618.0	38,747.0	1,290,163.0	77.0	52,061.0
December	1,747,009.0	339,642.0	241,165.0	9,311.0	89,166.0	1,356,920.0	8,800.0	41,542.0	1,306,578.0	76.0	50,371.0

Source: Bangko Sentral ng Pilipinas.

Table 16.5
TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION
1975 to 1998
(In million pesos)

Period	Total	Commercial banks	Rural banks	Private Development banks [1]	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	2,092,143.6	1,906,092.0	42,185.7	60,644.7	83,221.2
1998 p	2,102,520.2	1,912,677.0	42,761.8 a	43,706.9	103,374.5
January	2,090,578.4	1,908,926.0	42,322.8	58,306.7	81,022.9
February	2,023,505.1	1,840,662.0	42,322.8	58,037.8	82,482.5
March	2,034,582.3	1,845,731.0	42,322.8	58,497.7	88,030.8
April	2,047,105.2	1,860,237.0	42,761.8	57,174.2	86,932.2
May	2,036,957.6	1,845,642.0	42,761.8	58,063.1	90,490.7
June	2,112,466.7	1,920,961.0	42,761.8	56,919.8	91,824.1
July p	2,087,019.3	1,898,439.0	42,761.8 a	55,011.9	90,806.6
August p	2,113,701.7	1,920,987.0	42,761.8 a	52,448.5	97,504.4
September p	2,105,514.9	1,908,656.0	42,761.8 a	44,957.6	109,139.5
October p	2,062,889.3	1,872,387.0	42,761.8 a	44,448.2	103,292.3
November p	2,080,615.3	1,890,548.0	42,761.8 a	44,233.6	103,071.9
December p	2,102,520.2	1,912,677.0	42,761.8 a	43,706.9	103,374.5

[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 June 1998.

Source: Bangko Sentral ng Pilipinas.

Table 16.6
TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION
1975 to 1998
(In million pesos)

Period	Total	Commercial banks	Rural banks	Private Development banks [1]	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	353,406.5	334,755.0	1,382.0	6,965.9	10,303.6
1998 [p]	409,274.4	379,482.0	1,585.5 [a]	4,370.2	23,836.7
January	358,077.9	338,850.0	1,467.7	6,155.7	11,604.5
February	333,805.5	311,042.0	1,467.7	5,881.1	15,414.7
March	366,199.0	339,042.0	1,467.7	6,899.6	18,789.7
April	365,139.7	338,739.0	1,585.5	6,361.3	18,453.9
May	372,264.8	342,790.0	1,585.5	7,063.1	20,826.2
June	384,439.3	357,707.0	1,585.5	6,843.4	18,303.4
July [p]	395,223.9	368,576.0	1,585.5 [a]	6,186.2	18,876.2
August [p]	378,134.0	354,335.0	1,585.5 [a]	5,178.4	17,035.1
September [p]	381,114.2	357,183.0	1,585.5 [a]	4,891.9	17,453.8
October [p]	389,917.1	362,236.0	1,585.5 [a]	4,291.0	21,804.6
November [p]	408,662.3	379,888.0	1,585.5 [a]	4,519.7	22,669.1
December [p]	409,274.4	379,482.0	1,585.5 [a]	4,370.2	23,836.7

[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 June 1998.

Source: Bangko Sentral ng Pilipinas.

Table 16.7
TOTAL DEPOSIT LIABILITIES OF BANKS
1975 to 1998
(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	415,788.5	362,632.0	38,796.0	211,170.0	112,666.0	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	1,270,494.0	1,119,560.0	105,440.0	687,356.0	326,764.0	62,845.2	1,898.3
1997	1,630,876.6	1,457,911.0	122,958.0	874,136.0	460,817.0	66,595.1	2,560.2
1998 P	1,720,123.5	1,549,974.0	146,610.0	922,802.0	480,562.0	88,453.2	3,924.0
January	1,641,193.2	1,472,375.0	123,392.0	871,821.0	477,162.0	65,160.2	2,562.0
February	1,583,083.8	1,414,646.0	118,816.0	856,453.0	439,377.0	65,489.1	2,435.1
March	1,589,803.2	1,421,849.0	122,170.0	877,074.0	422,605.0	68,552.3	2,354.6
April	1,599,747.3	1,435,355.0	122,289.0	860,023.0	453,043.0	68,870.4	2,381.7
May	1,593,690.0	1,425,607.0	129,027.0	867,764.0	428,816.0	71,450.1	2,382.9
June	1,670,678.0	1,502,651.0	131,392.0	889,570.0	481,689.0	71,817.4	2,485.1
July P	1,664,998.1	1,497,020.0	127,422.0	881,644.0	487,954.0	72,684.8	2,446.1
August P	1,697,301.5	1,526,863.0	128,619.0	890,480.0	507,764.0	78,071.7	2,468.3
September P	1,702,626.1	1,530,021.0	130,487.0	901,138.0	498,396.0	90,769.2	3,241.2
October P	1,667,710.4	1,498,026.0	128,233.0	896,671.0	473,122.0	88,116.9	3,237.1
November P	1,668,023.1	1,498,641.0	131,849.0	905,596.0	461,196.0	88,143.5	3,327.7
December P	1,720,123.5	1,549,974.0	146,610.0	922,802.0	480,562.0	88,453.2	3,924.0

Table 16.7 - (continued)

Banks		Private Development Banks				Stock Savings and Loan Associations [1]			
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	44,016.5	1,965.8	37,221.7	4,829.0	13,557.5	175.0	10,356.4	3,026.1
57,485.2	6,549.7	54,096.0	2,049.8	45,469.4	6,576.8	15,607.3	246.4	12,039.1	3,321.8
77,655.1	6,874.1	30,626.0	732.6	25,042.0	4,851.4	13,422.4	195.9	10,314.4	2,912.1
56,616.9	5,981.3	51,216.2	1,684.1	43,171.5	6,360.6	15,363.2	222.[illegible]	11,850.9	3,290.2
57,363.1	5,690.9	50,702.6	1,635.4	42,799.4	6,267.8	15,167.5	216.1	11,479.2	3,472.2
60,613.5	5,584.2	47,483.7	1,695.6	39,812.0	5,976.1	14,839.6	212.1	11,204.9	3,422.6
61,140.2	5,348.5	43,446.8	1,692.8	36,079.0	5,675.0	14,427.2	272.2	10,995.0	3,160.0
63,814.8	5,252.4	44,370.9	1,667.3	37,044.1	5,659.5	14,614.1	234.9	11,037.5	3,341.7
63,911.3	5,421.0	43,898.6	1,670.2	35,915.9	6,312.5	14,663.1	213.5	11,042.8	3,406.8
64,903.5	5,335.2	42,892.3	1,531.8	34,742.8	6,617.7	14,753.1	217.8	11,089.6	3,445.7
70,296.3	5,307.1	41,068.7	1,517.7	32,648.7	6,902.3	13,650.2	209.6	10,495.5	2,945.1
81,540.2	5,987.8	31,021.4	644.0	24,004.8	6,372.6	13,166.6	224.4	10,089.2	2,853.0
79,202.0	5,677.8	30,621.4	609.2	23,755.2	6,257.0	13,298.2	194.1	10,164.0	2,940.1
78,296.8	6,519.0	30,541.0	661.6	24,311.5	5,567.9	13,049.7	178.9	9,929.6	2,941.2
77,655.1	6,874.1	30,626.0	732.6	25,042.0	4,851.4	13,422.4	195.9	10,314.4	2,912.1

Table 16.7 - (continued)
TOTAL DEPOSIT LIABILITIES OF BANKS
1975 to 1998

End of Period	Specialized Government Banks [2]				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	30,278.7	357.8	15,422.1	14,498.8
1997	a	a	a	a	36,667.2	535.9	19,068.7	17,062.6
1998 p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
January	a	a	a	a	37,078.6	485.7	19,423.9	17,169.0
February	a	a	a	a	37,078.6	485.7	19,423.9	17,169.0
March	a	a	a	a	37,078.6	485.7	19,423.9	17,169.0
April	a	a	a	a	37,647.9	577.0	20,063.7	17,007.2
May	a	a	a	a	37,647.9	577.0	20,063.7	17,007.2
June	a	a	a	a	37,647.9	577.0	20,063.7	17,007.2
July p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
August p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
September p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
October p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
November p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2
December p	a	a	a	a	37,647.9 b	577.0	20,063.7	17,007.2

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 June 1998.
Source: Bangko Sentral ng Pilipinas.

Figure 16.1 MONEY SUPPLY: 1998

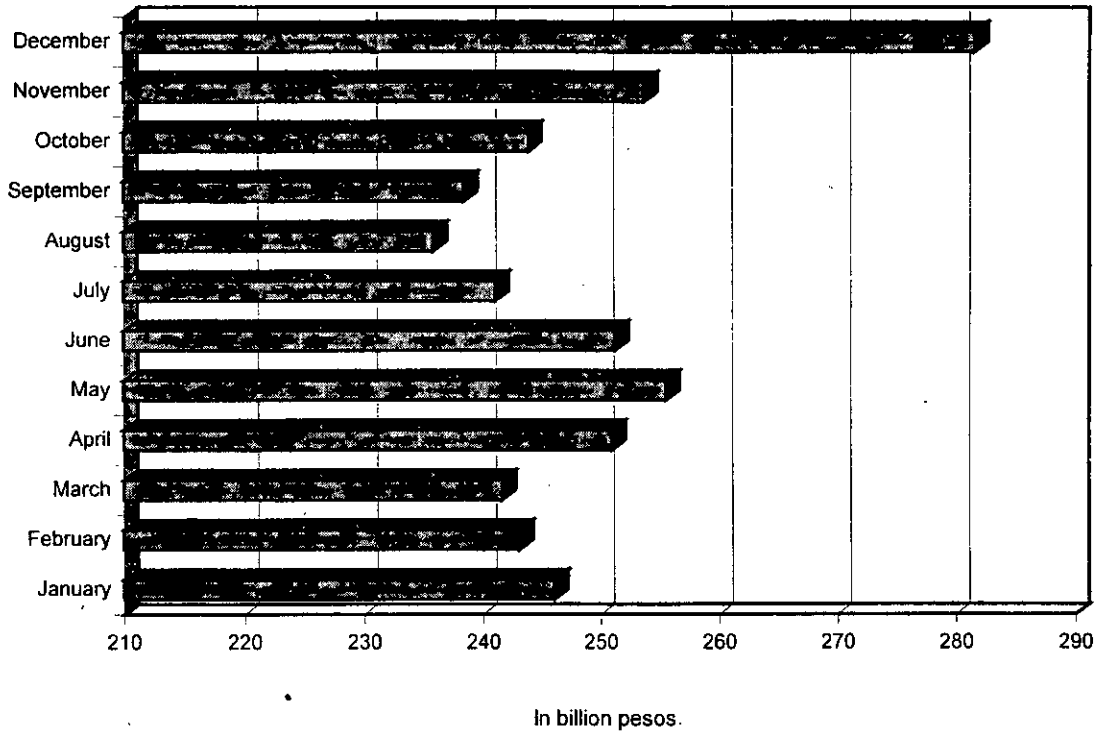

Figure 16.2 TOTAL MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1998

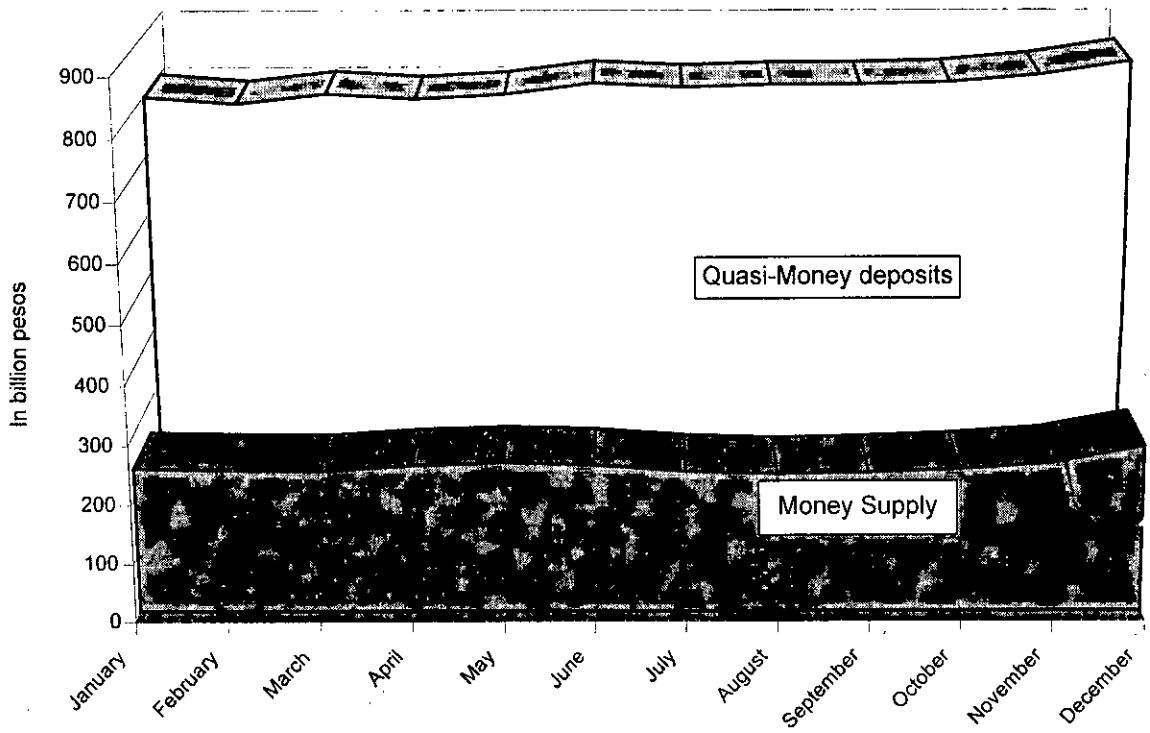

Table 16.8
NUMBER OF DEPOSIT ACCOUNTS IN BANKS
1975 to 1998

Period	Grand Total	Commercial banks [1]				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	20,795,519	13,007,334	1,320,047	11,051,612	635,675	3,241,627	115,285	3,029,858	96,484
1996	18,026,779	13,502,657	1,425,107	11,539,472	538,078	2,314,333	124,940	2,109,558	79,835
1997	20,008,703	15,380,006	1,429,752	13,312,825	637,429	2,026,840	123,569	1,835,928	67,343
1998 p	24,833,836	16,072,171	1,485,918	13,698,222	888,031	2,039,698	302,113	1,675,916	61,669
January	4,485,835	...	...	...	...	1,868,450	120,307	1,686,338	61,805
February	4,554,058	...	...	...	...	1,863,832	120,313	1,685,845	57,674
March	4,531,363	...	...	...	...	1,859,224	120,270	1,682,775	56,179
April	9,664,973	...	...	...	...	2,766,607	167,725	2,543,167	55,715
May	8,732,779	...	...	...	...	1,904,931	121,725	1,729,747	53,459
June	25,282,316	16,590,803	1,466,602	14,464,388	659,813	1,823,454	122,154	1,648,038	53,262
July p	8,673,859	...	...	...	...	1,820,191	122,608	1,644,990	52,593
August p	8,716,869	...	...	...	...	1,863,101	161,080	1,600,459	101,562
September p	8,713,893	...	...	...	...	2,008,819	145,997	1,724,887	137,935
October p	8,628,702	...	...	...	...	1,925,338	144,958	1,688,434	91,946
November p	8,621,126	...	...	...	...	1,901,651	125,145	1,711,921	64,585
December p	24,833,836	16,072,171	1,485,918	13,698,222	888,031	2,039,698	302,113	1,675,916	61,669

[1] - Starting 1995, data on the number of deposit accounts of commercial banks and specialized banks were reported on semestral basis. Starting January 1996, specialized government banks consists of Al-Amanah Islamic Investment Bank of the Philippines only.

[a] - Specialized banks are consolidated with commercial banks.

[b] - As of June 1998.

Source: Bangko Sentral ng Pilipinas.

Table 16.8 - (continued)

Private Developments Banks				Specialized Government Banks [1]				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	82,694	655,847	29,747	9,543	977	8,450	116	1,431,958	19,096	1,354,501	58,361
942,608	83,436	824,587	34,585	[a]	[a]	[a]	[a]	1,659,249	23,218	1,560,502	75,529
758,802	66,199	668,127	24,476	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
916,214	73,734	809,384	33,096	[a]	[a]	[a]	[a]	1,701,171	35,510	1,593,370	72,291
989,055	105,753	843,745	39,557	[a]	[a]	[a]	[a]	1,701,171	35,510	1,593,370	72,291
970,968	95,524	832,807	42,637	[a]	[a]	[a]	[a]	1,701,171	35,510	1,593,370	72,291
935,201	93,766	798,338	43,097	[a]	[a]	[a]	[a]	5,963,165	33,358	4,663,289	1,266,518
864,683	93,351	735,608	35,724	[a]	[a]	[a]	[a]	5,963,165	33,358	4,663,289	1,266,518
904,894	92,456	775,268	37,170	[a]	[a]	[a]	[a]	5,963,165	33,358	4,663,289	1,266,518
890,503	91,720	762,370	36,413	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
890,603	90,878	765,008	34,717	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
741,909	69,542	649,303	23,064	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
740,199	66,968	647,001	26,230	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
756,310	53,862	671,020	31,428	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518
758,802	66,199	668,127	24,476	[a]	[a]	[a]	[a]	5,963,165 [b]	33,358	4,663,289	1,266,518

Table 16.9
TOTAL ASSETS AND TOTAL LIABILITIES, BY INSTITUTION
1980 to 1998
(In million pesos)

End of Period	Central Bank		Commercial banks		Thrift banks		Rural banks		Specialized Government banks [1]	
	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	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	686,216.3	654,566.7	2,512,975.0	2,189,543.0	208,394.0	169,966.8	55,194.3	46,119.8	[b]	[b]
1998	741,710.1 p	633,858.7 p	2,528,043.0	2,156,076.0	216,441.1	173,584.4	59,139.1 [a]	49,205.1 [a]	...	...
January	696,873.4	623,817.9	2,489,368.0	2,161,550.0	202,795.2	164,227.5	58,176.6	48,412.2	...	...
February	704,273.0	627,083.2	2,432,574.0	2,099,222.0	203,795.3	164,751.6	58,176.6	48,412.2	...	...
March	650,271.2	569,382.0	2,417,033.0	2,077,994.0	207,280.0	167,810.0	58,176.6	48,412.2	...	...
April	746,795.1	657,432.1	2,450,936.0	2,109,403.0	204,482.6	164,976.0	59,139.1	49,205.1	...	...
May	731,223.6	640,500.4	2,428,160.0	2,083,678.0	207,247.5	168,136.7	59,139.1	49,205.1	...	...
June	764,679.8	662,386.8	2,535,873.0	2,187,587.0	210,563.3	170,224.5	59,139.1	49,205.1	...	...
July	751,653.8	658,416.4	2,500,702.0	2,148,451.0	208,018.9	167,382.7	59,139.1 [a]	49,205.1 [a]	...	...
August	757,227.1	658,034.2	2,514,260.0	2,158,412.0	211,544.5	170,789.0	59,139.1 [a]	49,205.1 [a]	...	...
September	776,038.5	673,340.8	2,528,975.0	2,171,813.0	216,173.0	174,020.1	59,139.1 [a]	49,205.1 [a]	...	...
October	743,519.6 p	643,988.9 p	2,496,224.0	2,132,767.0	211,717.4	169,481.6	59,139.1 [a]	49,205.1 [a]	...	...
November	729,833.3 p	635,003.1 p	2,485,954.0	2,120,584.0	212,409.5	170,293.5	59,139.1 [a]	49,205.1 [a]	...	...
December	741,710.1 p	633,858.7 p	2,528,043.0	2,156,076.0	216,441.1	173,584.4	59,139.1 [a]	49,205.1 [a]	...	...

Note: Revised to reflect the expanded coverage of deposit money banks and other changes in the classification of accounts.

[1] - Consolidated with commercial banks.
[a] - As of June 1998.
[b] - Consolidated with commerical 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 1998
(Amount in million pesos)

Year	Loans and Equities Approved										Total Bank resources
	Total	Agricultural loans	Industrial loans	Real Estate loans	Government loans	Educational assistance loans	Financial rehabilitation loans	Subscription to capital stocks/ rural banks	Advances and subscriptions to capital stock private development bank	Equities and other investment	
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	[a] 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	[a] 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 [b]	117.7	0.0	0.0	0.0	0.0	59,519.5
1995	52,199.4	990.1	49,775.0 [c]	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 [a]	74,700.7	659.1	9,243.6	1,041.2	290.6	334.6	60,125.2 [d]	0.0	0.0	3,006.4	105,243.9
1998 [a]	70,574.4	600.0	4,800.0	2,571.0	582.7	0.0	62,020.5	0.0	0.0	0.0	114,876.7

[a] - Data are only for loans approved, no equities approved for this year.
[b] - Includes foreign currency loan.
[c] - Includes public utility, medical health, prof/business, trading, tourism, finance.
[d] - 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 1998
(In million pesos)

Year	Assets						Reserves	
	Total	Social insurance fund [1]	Optional Life insurance fund [2]	General insurance fund [3]	Medicare insurance fund [4]	Employees Compensation insurance fund [5]	Total	Social insurance fund [1]
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	105,845.0	97,862.0
1998	196,177.0	126,441.0	9,014.0	10,668.0	48,617.0	1,437.0	123,441.4	116,521.0

[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 [6]					
Optional Life insurance fund [2]	General insurance fund [3]	Medicare insurance fund [4]	Employees Compensation insurance fund [5]	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	8,353.8	383.8	2,829.0	5,173.0	397.0	(429.0)
4,001.2	2,433.3	...	485.9	8,227.7	349.1	2,809.5	5,844.4	28.7	(804.0)

Table 16.12
INVESTMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM
FY 1974-75 to CY 1998
(In million pesos)

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	
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 [a]
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
1998	89,178.2	19,238.4	6,046.6	9,793.3	41,709.0	12,390.9

[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 1998
(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. dis-bursements	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 [a]	(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 [b]	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
1998	3,531.2	27,350.9	26,143.1	3,641.4	57,135.4	12,076.9	38,211.3	3,492.7	3,354.5	57,135.4

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 1998
(In million pesos)

Year	Total Expenditures	Total benefit payments[1]	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
1998	28,125.7	24,880.2	3,245.5	3,057.3	0.3	187.9

[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 [1]
1970 to 1998
(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
1998	141,430.0	10.10	135,494.8	8.64	16,124.5	16.30

[1] - Excludes Medicare and Employees' Compensation.

Source: Social Security System.

Table 16.16
REVENUES OF THE SOCIAL SECURITY SYSTEM BY SOURCE
1970 to 1998
(In million pesos)

Year	Total Revenue	Total Contributions	Earnings					Others			
			Total	SSS	Medicare	Employees' Compensation	Mortgage Insurance Account	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	15,476.4	12,154.7	1,650.1	1,663.8	7.8	186.8	177.0	7.7	2.1
1997	42,794.7	25,664.0	16,915.8	13,864.4	1,490.9	1,548.2	12.3	227.2	219.0	5.8	2.4
1998	43,102.4	24,983.9	17,971.0	16,124.5	0.0	1,827.4	19.1	141.8	137.0	1.8	3.0

Source: Social Security System.

Table 16.17
REVENUES, EXPENDITURES AND TRUST FUND GENERATED FROM THE OPERATIONS OF THE SOCIAL SECURITY SYSTEM
1970 to 1998
(In million pesos)

Year	Revenues					Expenditures					Trust Fund [1]				
	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
1998	44,836.4	40,778.5	1,734.0	2,297.2	26.7	29,604.3	27,032.2	1,478.7	1,092.2	1.2	15,252.1	13,766.3	255.3	1,205.0	25.5

[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 1998
(In million pesos)

Year	Total	Social Security System						Medicare	Employees' compen-sation
		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	133,403.1	105,220.1	37,496.3	32,314.0	11,171.2	229.3	24,009.3	14,225.0	13,958.0
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
1998	166,751.7	151,183.6	50,535.0	43,369.3	12,944.6	7,251.7	37,083.0	-	15,568.1

Source: Social Security System.

Table 16.19
BALANCE OF PAYMENTS
1989 to 1998
(Value in million U.S. dollars)

Item	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 [P]
I. Current Account										
A. Trade	(2,286)	(3,281)	(1,696)	(1,675)	(3,715)	(3,886)	(4,179)	(4,542)	(5,431)	859
Goods	(2,598)	(4,020)	(3,211)	(4,695)	(6,222)	(7,850)	(8,944)	(11,342)	(11,127)	(28)
Exports	7,821	8,186	8,840	9,824	11,375	13,483	17,447	20,543	25,228	29,496
Imports	10,419	12,206	12,051	14,519	17,597	21,333	26,391 [a]	31,885	36,355 [c]	29,524 [d]
Services	312	739	1,515	3,020	2,507	3,964	4,765	6,800	5,696	887
Receipts	4,586	4,842	5,624	7,443	7,497	10,550	14,374	19,006	22,835	13,881
Payments	4,274	4,103	4,109	4,423	4,990	6,586	9,609	12,206	17,139	12,994
B. Transfers	830	714	827	817	699	936	882	589	1,080	435
Inflow	832	717	828	826	746	1,041	1,147	1,185	1,670	758
Outflow	2	3	1	9	47	105	265	596	590	323
Current Account	(1,456)	(2,567)	(869)	(858)	(3,016)	(2,950)	(3,297)	(3,953)	(4,351)	1,294
II. Capital and Financial Account										
A. Medium and Long-Term-Loans	381	674	835	633	2,455	1,313	1,276	2,841	4,824	2,850
Availment	2,797	4,575	3,622	7,432	5,205	4,369	3,927	6,540	7,724	5,791
Repayment	2,416	3,901	2,787	6,799	2,750	3,056	2,651	3,699	2,900	2,941
B. Trading of Bonds in the Secondary Market	...	...	...	...	...	...	...	(37)	(676)	(1,082)
Resale of Bonds	...	...	...	...	...	...	...	4,148	3,072	3,308
Purchase of Bonds	...	...	...	...	...	...	...	4,185	3,748	4,390
C. Investments	843	480	654	737	812	1,558	1,609	3,517	762	1,672
Non-resident Investments (Philippines)	859	498	681	931	2,135	2,492	2,944	3,621	843	2,016
Resident Investments (Abroad)	16	18	27	194	1,323	934	1,335	104	81	344
D. Purchase of Collateral	0	0	0	(469)	0	0	0	0	0	0
E. Short-Term Capital, Net	(89)	19	349	660	(148)	1,002	(56)	540	495	(1,521)
F. Change in Commercial Banks' NFA	-	603	40	289	(299)	674	564	4,214	1,188	(963)
Capital and Financial Account	1,135	1,776	1,878	1,850	2,820	4,547	3,393	11,075	6,593	956
III. Others										
A. Monetization of Gold	288	218	245	130	113	154	177	198	105	103
B. Revaluation Adjustments	101	800	387	527	431	100	(96)	(203)	(465)	(19)
IV. Net Unclassified Items	383	(320)	462	(157)	(514)	(49)	454	(3,010)	(5,245)	(988)
V. Overall BOP Position	451	(93)	2,103	1,492	(166)	1,802	631	4,107	(3,363)	1,346

[a] - Adjusted NSO data to exclude $147 million worth of aircraft procured under operational lease arrangement.
[b] - Adjusted NSO data to exclude $542 million worth of aircraft procured under operational lease arrangement.
[c] - Adjusted NSO data to exclude $45 million worth of aircraft procured under operational lease arrangement.; while of the $1,110 milli worth of aircraft imported under capital lease arrangement, only $644 million were accounted for in the NSO figure, thus, $466 milli have to be added.
[d] - Adjusted NSO data to exclude $136 million worth of aircraft procured under operational lease arrangement.
[P] - 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
1987 to 1999

Period	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Monthly Averages													
January	20.463	20.846	21.342	22.464	28.000	26.545	25.280	27.725	24.622	26.212	26.317	42.661	38.404
February	20.525	20.903	21.357	22.624	28.000	26.158	25.312	27.646	25.028	26.159	26.341	40.414	38.780
March	20.563	21.028	21.339	22.759	28.000	25.810	25.366	27.587	25.859	26.196	26.332	39.004	38.911
April	20.505	21.030	21.414	22.761	27.926	25.667	26.078	27.530	26.008	26.190	26.364	38.442	38.242
May	20.473	20.954	21.580	22.902	27.819	26.150	27.006	27.053	25.849	26.176	26.372	39.297	37.839
June	20.456	20.949	21.680	23.103	27.796	26.121	27.206	26.976	25.674	26.194	26.376	40.399	37.899
July	20.450	21.025	21.887	23.563	27.621	25.262	27.569	26.461	25.514	26.200	27.668	41.781	
August	20.439	21.059	21.880	24.447	27.200	24.669	27.949	26.313	25.711	26.199	29.331	43.038	
September	20.601	21.249	21.969	25.352	26.983	24.726	28.234	25.911	25.969	26.236	32.395	43.776	
October	20.706	21.362	21.959	25.750	26.995	24.785	29.160	25.395	25.965	26.269	34.464	42.888	
November	20.817	21.377	22.099	28.000	26.737	24.936	28.485	24.265	26.167	26.266	34.518	39.944	
December	20.815	21.356	22.335	28.000	26.668	25.322	27.794	24.145	26.206	26.293	37.171	39.073	
Average	20.568	21.095	21.737	24.310	27.479	25.512	27.120	26.417	25.714	26.216	29.471	40.893	38.346
End-of-Period													
January	20.478	20.870	21.350	22.543	28.000	26.527	25.348	27.676	24.573	26.185	26.344	42.410	38.717
February	20.528	21.010	21.350	22.761	28.000	26.045	25.280	27.701	25.732	26.177	26.333	40.364	39.098
March	20.550	21.016	21.330	22.750	28.000	25.383	25.513	27.565	25.987	26.197	26.367	37.081	38.766
April	20.484	21.018	21.564	22.805	27.842	25.804	26.385	27.277	26.021	26.173	26.369	39.979	38.018
May	20.466	20.905	21.608	22.977	27.806	26.250	27.094	26.874	25.797	26.222	26.374	38.898	38.095
June	20.456	21.062	21.807	23.270	27.750	25.584	27.272	26.910	25.575	26.203	26.384	42.091	38.019
July	20.440	21.038	21.880	23.860	27.750	24.910	27.695	26.229	25.585	26.228	28.968	42.016	
August	20.453	21.079	21.880	25.000	27.000	23.294	28.043	26.484	25.906	26.202	30.165	43.874	
September	20.600	21.336	21.945	25.750	27.000	25.120	29.813	26.000	26.065	26.257	33.873	43.809	
October	20.725	21.392	22.100	25.750	27.000	24.636	28.831	24.928	25.992	26.285	34.938	40.831	
November	20.877	21.379	22.234	28.000	26.700	25.492	27.958	23.879	26.183	26.287	34.655	39.462	
December	20.800	21.335	22.440	28.000	26.650	25.096	27.699	24.418	26.214	26.288	39.975	39.059	

[1] - 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
1989 to 1999
(Weighted averages in percent per annum)

Period	Manila Reference Rates [1]				Bank Average Lending Rates [2]	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
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	15.4	13.8	13.1	15.4	n.a.	15.3	16.3	17.4	16.3	14.3	13.8
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	18.1	15.2	16.7	17.7	16.4	14.4	13.2
May	15.3	12.6	12.3	15.3	17.1	14.4	15.7	16.8	15.5	14.6	13.6
June	14.1	12.7	11.8	14.1	16.0	14.0	15.4	16.8	15.3	14.5	13.2
July	14.3	13.0	12.3	14.2	16.1	14.7	16.2	17.7	16.3	14.5	13.2
August	14.0	12.5	12.2	13.9	15.2	14.1	15.1	16.8	15.3	13.7	15.8
September	14.1	12.6	12.0	14.1	14.6	13.8	14.9	16.6	15.2	13.9	15.9
October	13.9	12.7	11.6	13.9	14.5 p	13.5	14.6	15.7	14.8	14.1	14.0
November	13.7	12.9	11.8	13.6	13.6 p	13.5	14.2	14.8	14.2	13.9	14.1
December	13.7	13.3	13.0	13.6	14.8 p	13.4	13.9	14.3	13.8	13.5	13.9
1999											
January	13.6	13.6	11.0	13.6	14.9 p	13.2	13.7	13.9	13.6	13.1	13.2
February	13.1	12.1	10.8	13.0	12.4 p	12.7	13.0	13.2	13.0	12.6	12.7
March	12.4	12.1	9.8	12.3	14.0 p	12.1	12.4	13.0	12.4	12.2	12.3
April	11.4	10.1	10.8	11.4	12.1 p	10.9	11.1	11.4	11.1	11.2	11.1
May	10.4	9.8	8.6	10.3	12.1 p	10.0	10.4	10.9	10.3	10.1	10.1
June	9.9	8.6	8.1	9.9	n.a.	9.3	9.6	10.3	9.8	9.6	9.5

[1] - Refer to New MRRs computed based on promisory 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: 1998

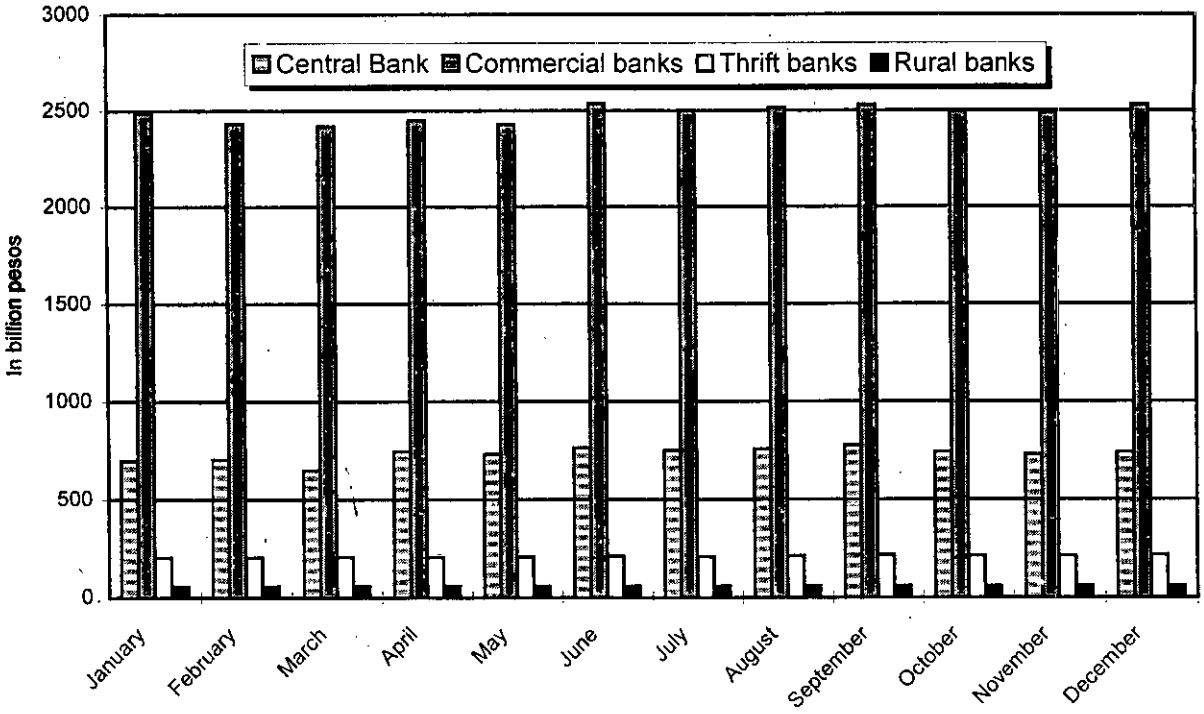

Figure 16.4 PESO PER U.S. DOLLAR RATE
January 1998 to June 1999

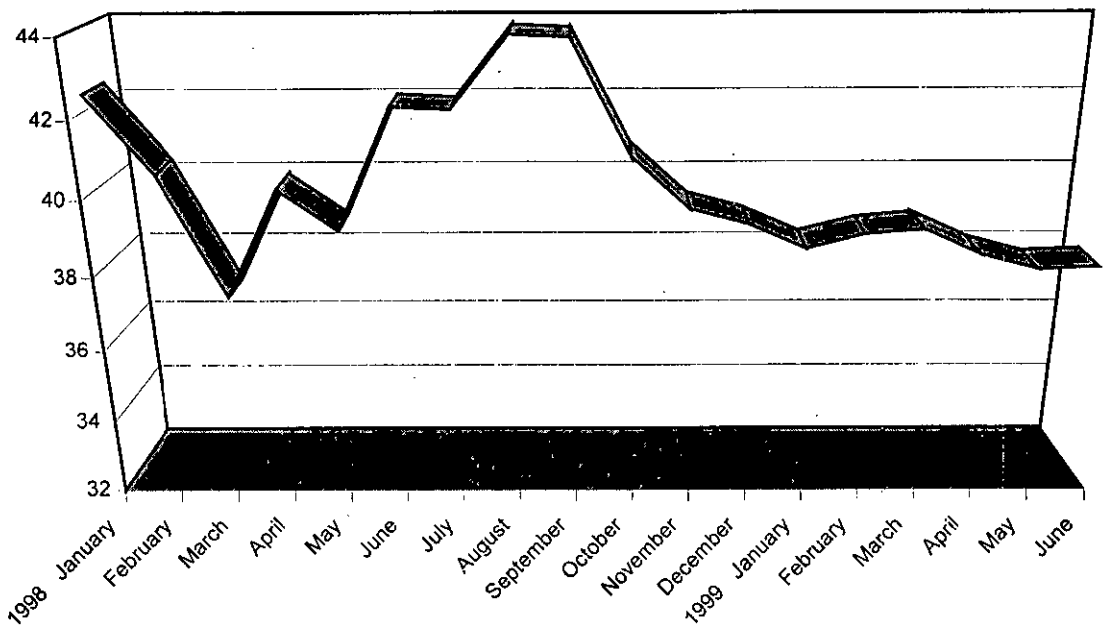

Table 16.22
NUMBER OF INSURANCE COMPANIES
1984 to 1998

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	86	4	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
1997	145	2	34	24	8	2	105	94	5	6	4	3	1
1998	148	3	35	23	10	2	106	96	4	6	4	3	1

Source: Insurance Commission.

17 PUBLIC ORDER, SAFETYAND 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 Commision 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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Figure 17.1	Crime Rate by Type of Crime, Philippines: 1989 to 1998	17-3

Table 17.1
CRIME RATE BY TYPE OF CRIME, PHILIPPINES
1981 to 1998

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
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
1998	51.3	79.8	46.7	46.6	76.1	41.9	97.8	155.9	88.7

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: 1989 to 1998

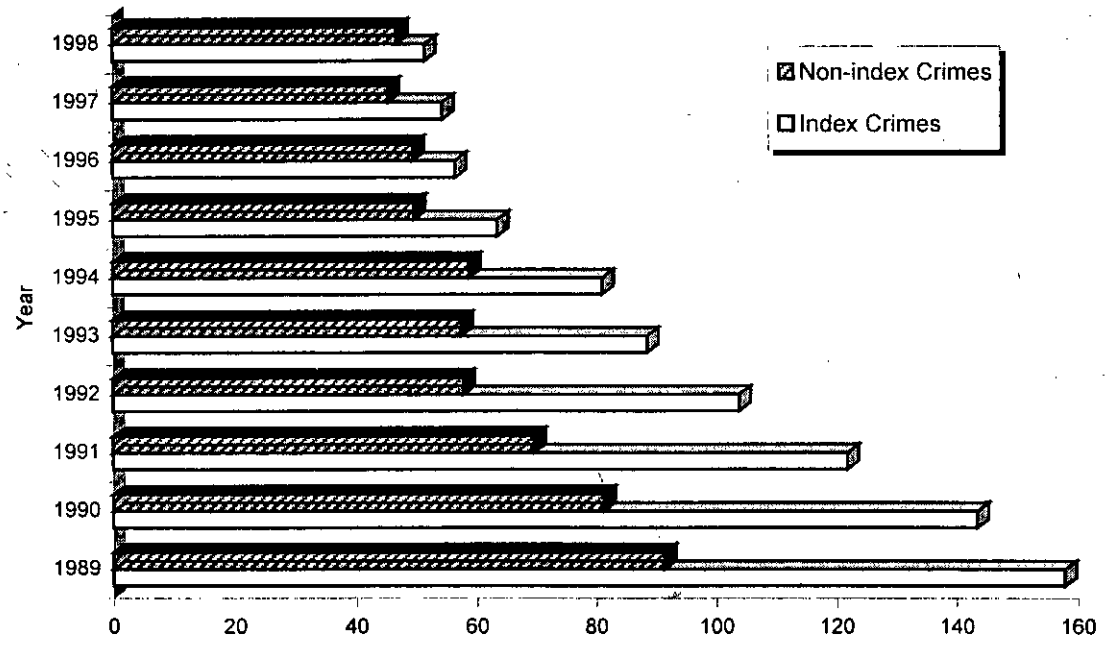

Table 17.2
SEVERITY OF TRAFFIC ACCIDENTS BY REGION
1998

Region	Total	Deaths	Injuries	
			Serious	Slight
Philippines	5,195	1,213	1,844	2,138
National Capital Region	38	15	0	23
Cordillera Administrative Region	200	40	99	61
1 Ilocos Region	449	141	103	205
2 Cagayan Valley	78	17	52	9
3 Central Luzon	398	169	162	67
4 Southern Tagalog	710	207	283	220
5 Bicol Region	313	60	157	96
6 Western Mindanao	183	69	53	61
7 Central Mindanao	96	24	45	27
8 Eastern Mindanao	319	59	99	161
9 Western Mindanao	324	18	70	236
10 Northern Mindanao	574	101	102	371
11 Southern Mindanao	890	201	327	362
12 Central Mindanao	59	12	26	21
13 Caraga	309	61	160	88
Autonomous Region for Muslim Mindanao	255	19	106	130

Source: Traffic Management Group, Philippine National Police (PNP).

Table 17.3
NUMBER OF TRAFFIC ACCIDENTS BY REGION
1998

Year	Number of Traffic Accidents			Property Damage
	Total	Fatal	Non-Fatal	(In Million Pesos)
Philippines	2,803	940	1,863	6,537
National Capital Region	38	15	23	3,422
Cordillera Administrative Region	13	8	5	21
1 Ilocos Region	275	156	119	187
2 Cagayan Valley	22	12	10	5
3 Central Luzon	306	203	103	33
4 Southern Tagalog	273	175	98	75
5 Bicol Region	94	45	49	23
6 Western Mindanao	112	38	74	560
7 Central Mindanao	34	11	23	67
8 Eastern Mindanao	229	31	198	38
9 Western Mindanao	198	17	181	725
10 Northern Mindanao	484	75	409	619
11 Southern Mindanao	346	75	271	344
12 Central Mindanao	53	13	40	44
13 Caraga	192	48	144	240
Autonomous Region for Muslim Mindanao	134	18	116	134

Source: Traffic Management Group, Philippine National Police (PNP).

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	103,616	1:706	12,530	1:5,836

Note: Ratio of Population per policeman/fireman.

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 1999

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
1998	1,483	2,722
1999 *	6,348	9,077

* Data from January - March 1999.

Source: Dangerous Drugs Board.

Table 17.6
INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT
1992 to 1998

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
Total	292,094	409,820	28,725

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
Total	366,349	464,054	29,934

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
Total	456,057	467,416	31,429

Table 17.6 (continued)

	Case Outflow			
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-93
-	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 Outflow			
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-94
-	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

	Case Outflow			
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-95
-	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

Table 17.6 (continued)
INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT
1992 to 1998

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
Total	493,028	549,354	25,748

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
Total	622,748	692,940	27,935

Courts	Pending Cases as of 12-31-97	Case Inflow	
		Cases newly filed	Cases Revived/ Reopened
Court of Appeals	16,201	8,578	0
Sandigan Bayan	3,109	699	100
Court of Tax Appeals	350	139	0
Regional Trial Courts	214,382	152,794	9,794
Metropolitan Trial Courts	184,982	157,313	6,952
Municipal Trial Courts in Cities	160,467	127,531	7,812
Municipal Trial Courts	134,421	99,332	3,112
Municipal Circuit Trial Courts	49,366	53,178	2,049
Shari'a District Courts	150	64	1
Shari'a Circuit Courts	236	294	1
Total	763,664	599,922	29,821

Source: Supreme Court of the Philippines.

Table 17.6 (continued)

	Case Outflow			
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	**Pending Cases as of 12-31-96**
-	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 Outflow			
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	**Pending Cases as of 12-31-97**
-	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

	Case Outflow				
Case rec'd from other Sala/Courts	Cases Decided/ Resolved	Cases Archived	Cases with Procedure Suspension	Cases transferred to other Sala/Courts	**Pending Cases as of 12-31-98**
0	8,606	0	0	0	16,173
0	636	0	0	0	3,272
0	204	0	0	0	285
7,920	111,258	36,898	2,498	9,259	224,977
1,446	56,059	106,852	3,749	2,245	181,788
29,676	71,017	70,863	1,229	5,505	176,872
4,496	58,096	22,622	20,050	19,693	120,900
9,342	33,123	7,243	1,498	8,124	63,947
4	33	1	3	0	182
18	291	10	23	3	222
52,902	339,323	244,489	29,050	44,829	788,618

Table 17.7
CASES HANDLED, TERMINATED AND PENDING BY REGION
1993 to 1998

Region	1993			1994			1995		
	Handled	Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	3,131,841	3,060,317	71,524	483,056	404,330	78,726	571,202	489,759	81,443
Central Office	28,020	26,710	1,310	4,735	4,420	315	1,645	1,041	604
NCR	390,888	382,102	8,786	86,014	73,448	12,566	108,171	96,847	11,324
CAR	64524	62995	1,529	8,517	7,023	1,494	7,909	6,028	1,881
Region 1	348,777	343,248	5,529	58,465	53,786	4,679	61,023	55,229	5,794
Region 2	169,611	167,447	2,164	26,854	24,074	2,780	34,598	31,303	3,295
Region 3	334,713	326,890	7,823	56,701	48,133	8,568	73,208	65,304	7,904
Region 4	547,095	536,109	10,986	92,456	78,829	13,627	124,323	110,855	13,468
Region 5	168,940	162,655	6,285	26,004	19,491	6,513	28,160	21,512	6,648
Region 6	159,868	155,449	4,419	17,721	13,492	4,229	17,765	12,981	4,784
Region 7	112,646	108,607	4,039	16,702	12,563	4,239	16,396	11,379	5,017
Region 8	118,840	115,009	3,831	14,114	10,755	3,359	13,943	10,876	3,067
Region 9A	6,930	6,710	220	1,130	787	343	1,154	787	367
Region 9B	86,433	84,605	1,828	7,631	5,585	2,046	7,776	5,535	2,241
Region 10	258,847	254,920	3,927	23,583	20,004	3,479	20,837	17,295	3,542
Region 11	219,628	213,573	6,055	33,169	25,891	7,278	44,739	36,525	8,214
Region 12	116,081	113,288	2,793	9,260	6,049	3,211	9,555	6,262	3,293

Region	1996			1997			1998		
	Handled	Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	367,231	276,470	88,400	382,500	280,613	104,887	411,912	274,427	137,485
Central Office	2,361	1,863	498	...	...	...	960	725	235
NCR	95,381	79,859	13,161	98,278	81,790	16,488	97,473	72,902	24,571
CAR	7,208	5,621	1,587	6,621	5,168	1,453	6,876	4,480	2,396
Region 1	27,550	21,023	6,527	27,128	20,069	7,059	28,061	17,689	10,372
Region 2	22,030	17,999	4,031	10,825	7,877	2,948	10,977	7,117	3,860
Region 3	38,178	28,480	9,698	47,454	37,248	10,206	63,449	44,327	19,122
Region 4	51,972	40,853	11,119	58,940	43,235	15,705	60,482	42,827	17,655
Region 5	15,416	7,632	7,784	18,338	9,607	8,731	18,796	9,252	9,544
Region 6	15,235	9,878	5,357	17,810	11,461	6,349	20,268	12,335	7,933
Region 7	15,342	9,242	6,100	21,516	15,469	6,047	17,535	9,491	8,044
Region 8	10,032	6,831	3,201	8,265	5,020	6,245	8,177	4,590	3,587
Region 9A	605	274	331	690	331	359	471	178	293
Region 9B	5,531	2,857	2,674	6,625	3,673	2,952	6,161	3,358	2,803
Region 10	14,035	11,566	2,469	12,556	9,410	3,146	20,559	12,903	7,656
Region 11	36,598	27,462	9,136	35,617	23,327	12,290	36,868	24,056	12,812
Region 12	6,722	3,119	3,603	7,188	3,338	3,850	8,150	3,717	4,433
Region 13	3,035	1,911	1,124	4,649	3,590	1,059	6,649	4,480	2,169

Note: Region 9A is composed of Jolo,Sulu, Basilan and Bongao Tawi-tawi District Office while Region 9B is composed of Zamboanga City, Pagadian, Molave, Ipil, Dipolog, Dapitan, Sindangan and Siocon.

Source: Public Attorney's Office.

Table 17.8
CLIENTELE ASSISTED BY THE PUBLIC ATTORNEY'S OFFICE
1991 to 1998

Services	1991	1992	1993	1994	1995	1996	1997	1998
Indigent person served	1,944,586	2,423,683	2,868,513	1,632,516	1,841,530	2,253,692	2,507,150	3,240,571
Detention Prisoners								
Assisted	36,924	30,900	128,908	103,938	151,964	154,509	165,204	166,605
Custodial interrogation	26,131	38,547	49,156	50,144	67,017	67,017	72,689	66,642
Inquest investigation	47,951	69,094	79,752	53,794	84,947	87,492	92,515	99,963
Released	48,565	...	...	...	...	...	...	...
Youthful offenders								
Assisted	26,131	...	...	...	...	...	...	...
Released	47,951	...	...	...	...	...	...	...
Prisoners provided counsel	48,565	63,783	84,974	106,146	137,488	159,323	170,987	169,152
Prisoners provided assistance	36,924	30,900	49,446	66,132	80,609	82,302	100,546	116,238
Clients benefitted with documentation	260,229	313,664	458,341	616,236	816,983	352,779	463,523	540,462
Beneficiaries of legal counseling	1,101,615	1,194,665	1,597,315	1,961,474	1,228,359	573,123	582,137	672,283
Clients benefitted with administration of oath	96,198	103,778	145,845	186,138	192,095	132,435	82,082	105,456
Beneficiaries of limited services	102,323	155,806	270,239	346,996	453,481	501,564	546,406	582,317

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) and the Intellectual Property Office of the Department of Trade and Industry (DTI). The DOST data cover the three broad categories of statistics for the sector, namely: research and experimental development; scientific and technological education and training; and scientific and technological services. The data from the DTI, on the other hand, deal with patents granted to local and foreign investors.

Data on information technology manpower resources in the national government by department generated by the National Computer Center are also included in this chapter.

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Figure 18.1 Number of Distribution of Patents Granted to Local Investors: 1987 to 1996 18-14

Figure 18.2 Number of Distribution of Patents Granted to Foreign Investors: 1987 to 1996 18.14

Table 18.1
DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVESTORS
1980 to 1998

Year	Total		Invention		Utility Model		Industrial Design	
	Number	%	Number	%	Number	%	Number	%
1980	889	100.0	93	10.5	520	58.5	276	31.0
1981	741	100.0	69	9.3	463	62.5	209	28.2
1982	511	100.0	35	6.8	318	62.2	158	30.9
1983	449	100.0	52	11.6	288	64.1	109	24.3
1984	358	100.0	29	8.1	235	65.6	94	26.3
1985	388	100.0	22	5.7	294	75.8	72	18.6
1986	440	100.0	36	8.2	278	63.2	126	28.6
1987	473	100.0	44	9.3	275	58.1	154	32.6
1988	461	100.0	43	9.3	192	41.6	226	49.0
1989	387	100.0	37	9.6	192	49.6	158	40.8
1990	388	100.0	33	8.5	198	51.0	157	40.5
1991	356	100.0	45	12.6	170	47.8	141	39.6
1992	373	100.0	45	12.1	145	38.9	183	49.1
1993	516	100.0	35	6.8	260	50.4	221	42.8
1994	651	100.0	36	5.5	127	19.5	488	75.0
1995	555	100.0	34	6.1	221	39.8	300	54.1
1996	397	100.0	23	5.8	177	44.6	197	49.6
1997	619	100.0	25	4.0	263	42.5	331	53.5
1998	8	100.0	5	62.5	3	37.5	-	-

Source: Intellectual Property Office, Department of Trade and Industry.

Table 18.2
DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVESTORS
1980 to 1998

Year	Total		Invention		Utility Model		Industrial Design	
	Number	%	Number	%	Number	%	Number	%
1980	885	100.0	811	91.6	14	1.6	60	6.8
1981	806	100.0	718	89.1	7	0.9	81	10.0
1982	623	100.0	525	84.3	3	0.5	95	15.2
1983	1,300	100.0	1,228	94.5	7	0.5	65	5.0
1984	1,120	100.0	1,098	98.0	2	0.2	20	1.8
1985	1,307	100.0	1,259	96.3	8	0.6	40	3.1
1986	1,326	100.0	1,272	95.9	8	0.6	46	3.5
1987	1,307	100.0	1,182	90.4	7	0.5	118	9.0
1988	1,198	100.0	1,142	95.3	5	0.4	51	4.3
1989	1,207	100.0	1,064	88.2	4	0.3	139	11.5
1990	1,257	100.0	1,059	84.3	3	0.2	195	15.5
1991	1,093	100.0	899	82.3	7	0.6	187	17.1
1992	1,139	100.0	1,003	88.1	8	0.7	128	11.2
1993	1,029	100.0	905	87.9	3	0.3	121	11.8
1994	881	100.0	766	86.9	8	0.9	107	12.2
1995	755	100.0	555	73.5	3	0.4	197	26.1
1996	849	100.0	755	88.9	10	1.2	84	9.9
1997	978	100.0	891	91.1	8	0.8	79	8.1
1998	568	100.0	558	98.2	-	-	10	1.8

Source: Intellectual Property Office, Department of Trade and Industry.

Table 18.3
NUMBER OF TECHNOLOGIES COMMERCIALIZED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM
1990 to 1998

Year	New	Existing
1990	22	68
1991	7	68
1992	14	86
1993	16	96
1994	9	91
1995	7	73
1996	4	81
1997	...	...
1998	2	51

Note: 1996 figures are based on preliminary estimates as of April 1997.
1998 figures are based on the preliminary estimates as of June 24, 1999

Source: DOST Councils, Institutes and Attached Agencies.

Table 18.4
NUMBER OF TECHNOLOGIES DIFFUSED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM
1990 to 1998

Year	New	Existing
1990	118	288
1991	114	400
1992	65	291
1993	48	330
1994	50	344
1995	...	...
1996	...	...
1997	...	...
1998	13	412

Note: 1994 figures are based on preliminary estimates as of May 1995.
1998 figures are based on the preliminary estimates as of June 29, 1999

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 1998

Year	Supported/Assisted [1]	Implemented
1990	407	245
1991	220	171
1992	107	108
1993	95	101
1994	108	178
1995	79	123
1996	69	104
1997	...	...
1998	98	89

[1] - Beneficiaries may be outside the DOST system.

Note: 1996 figures are based on preliminary estimates as of April 1997.
1998 figures are based on the preliminary estimates as of June 29, 1999

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 1998

Year	New	On-going [1]	Completed
1990	73 [a]	87 [a]	...
1991	16	20	20
1992	9	9	2
1993	21	15	3
1994	14	8	19
1995	19	3	4
1996	17	8	19
1997	...	...	...
1998	23	13	31

Note: 1996 figures are based on preliminary estimates as of April 1997.
1998 figures are based on preliminary estimates as of June 29, 1999.

[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 1998

Year	New	On-going [1]	Completed
1990	73 [a]	87 [a]	...
1991	102	22	19
1992	75	24	89
1993	55	29	56
1994	112	22	116
1995	...	...	..
1996	...	...	...
1997	...	...	...
1998	5	32	124

Note: 1994 figures are based on preliminary estimates as of May 1995.
1998 figures are based on preliminary estimates as of June 24, 1999.

[1] - as of December 31.

[a] - includes joint ventures; 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 1998

Year	New	On-going [1]	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
1998	4,476	8,394	1,399

[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	-	25,950.0
General Administration and Support Services	492,755.3	56,802.0	133,465.5	302,487.8

Note: Details do not add up to total due to rounding

Sources: DOST Councils, RDIs, Service Agencies, and Regional Offices.

Table 18.10
NATIONAL R&D EXPENDITURES BY GOVERNMENT AND PRIVATE AND BY SECTOR OF PERFORMANCE
1989 to 1992
(At current prices, in million pesos)

Sector	1989 P	1990 P	1991 P	1992 P
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 industries	393.49	511.26	523.29	642.10
Non-government organizations	130.87	162.78	135.71	136.87
Private colleges and universities	34.23	46.15	48.72	72.77

Notes: Figures are as of February 1995.
Details do not add up to total due to rounding

Source: Department of Science and Technology.

Table 18.11
NATIONAL R&D EXPENDITURES BY SECTOR OF PERFORMANCE
1989 to 1992
(At current prices, in million pesos)

Sector	1989 P	1990 P	1991 P	1992 P
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

Notes: Figures are as of February 1995.
Details do not add up to total due to rounding

Source: Department of Science and Technology.

Table 18.12
NATIONAL R&D EXPENDITURES BY TYPE OF RESEARCH AND BY SECTOR OF PERFORMANCE
1989 to 1992
(At current prices, in million pesos)

Sector/Type of Research	1989 P	1990 P	1991 P	1992 P
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

Notes: Figures are as of February 1995.
Details do not add up to total 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
1989 to 1992
(At current prices, in million pesos)

Sector/Field of Activity	1989 P	1990 P	1991 P	1992 P
Total	1,638.70	1,654.74	1,968.68	2,940.55
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
Higher education	210.84	274.79	290.05	433.23
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
Government	903.50	705.91	1,019.63	1,728.35
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
Non-government	130.87	162.78	135.71	136.87
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
Private industry	393.49	511.26	523.29	642.10
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	-	0.01	-	-
Others	0.55	0.68	1.01	1.38

Notes: Figures are as of February 1995.
Details do not add up to total due to rounding
Source: Department of Science and Technology.

Table 18.14
NATIONAL R&D PERSONNEL BY TYPE OF INVOLVEMENT AND BY SEX
1989 to 1992

Type of Involvement	1989 P			1990 P			1991 P			1992 P		
	Total	Women	Men	Total	Women	Men	Total	Women	Men	Total	Women	Men
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

Notes: Figures are as of February 1995.
Results of the 1993 National Survey of Scientific and Technological Activities.

Source: Department of Science and Technology.

Table 18.15
NATIONAL R&D PERSONNEL BY SECTOR OF PERFORMANCE AND BY SEX
1989 to 1992

Sector	1989 P			1990 P			1991 P			1992 P		
	Total	Women	Men	Total	Women	Men	Total	Women	Men	Total	Women	Men
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

Notes: Figures are as of February 1995.
Results of the 1993 National Survey of Scientific and Technological Activities.

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 P			1990 P			1991 P			1992 P		
	Total	Women	Men	Total	Women	Men	Total	Women	Men	Total	Women	Men
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 [1]	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 & technolog	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

Notes: Figures are as of February 1995.
Results of the 1993 National Survey of Scientific and Technological Activities.

[1] - 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

Position	Number
1996 [a]	3,604
Information technology management	317
Information technology professionals	1,100
Information technology technicians	2,187
1997 [b]	4,120
IS Planner/MIS Head	144
Database administrator	98
Network manager	68
Programmer	476
Systems Analyst	367
Researcher	595
Computer operator	965
Computer technician	92
Data encoder	1,174
Infromation technology officer	44
Computer maintenance technician	22
Data controller	69
Computer file librarian	6

[a] - 124 agencies responded; 38% of 324 National Government Agencies.
[b] - 193 agencies responded; 50% of 390 National Government Agencies.

Source: National Computer Center.

Table 18.18
INFORMATION TECHNOLOGY MANPOWER RESOURCES IN THE NATIONAL GOVERNMENT BY DEPARTMENT
As of December 1997

Information Technology Positions/Designations/Others	Total	Department									
		DAR	DA	DBM	DECS	DOE	DENR	DOF	DFA	DOH	DILG
Total	4,120	63	267	105	248	254	53	598	94	68	247
IT Positions/Designations	3,979	63	248	105	188	246	53	598	94	68	237
IS Planner/MIS Head	144	3	12	1	-	13	3	7	3	5	3
Database Administrator	98	5	4	-	1	21	-	11	2	3	1
Network Manager	68	3	3	-	-	8	-	5	3	1	1
Programmer	476	13	31	7	9	12	10	63	4	9	20
Systems Analyst	367	7	32	16	5	26	7	69	4	12	14
Researcher	595	1	104	-	74	54	4	63	4	1	9
Computer Operator	965	10	19	80	6	92	23	98	34	30	74
Computer Technician	92	3	6	1	-	2	-	15	8	1	7
Data Encoder	1,174	18	37	-	93	18	6	267	32	6	108
Others	141	-	19	-	60	8	-	-	-	-	10
Information Technology Officer	44	-	6	-	11	4	-	-	-	-	6
Computer Maintenance Technologist	22	-	-	-	4	4	-	-	-	-	-
Data Controller	69	-	12	-	41	-	-	-	-	-	4
Computer File Librarian	5	-	1	-	4	-	-	-	-	-	-
Total Personnel	282,888	2,971	13,877	1,044	2,050	15,503	26,057	14,954	1,278	8,497	106,899
% of IT Manpower over Total Personnel	1.5	2.1	1.9	10.1	12.1	1.6	0.2	4.0	7.4	0.8	0.2
Number of Respondents	193	3	16	3	7	8	5	9	4	10	6
Total Number of Agencies Covered	390	7	29	17	14	8	10	14	11	13	8

DAR - Department of Agrarian Reform
DA - Department of Agriculture
DBM - Department of Budget and Management
DECS - Department of Education, Culture and Sports
DOE - Department of Energy
DENR - Department of Environment and Natural Resources
DOF - Department of Finance
DFA - Department of Foreign Affairs
DOH - Department of Health
DILG - Department of the Interior and Local Government
DOJ - Department of Justice
DOLE - Department of Labor and Employment
DND - Department of National Defense
DPWH - Department of Public Works and Highways
DOST - Department of Science and Technology
DSWD - Department of Social Welfare and Development
DOT - Department of Tourism
DTI - Department of Trade and Industry
DOTC - Department of Transportation and Communications
NEDA - National Economic and Development Authority
OPS - Office of the Press Secretary
OVP - Office of the Vice President
GOCC - Government Owned and Controlled Corporations

Source: National Computer Center.

Table 18.18 (continued)

Department																
DOJ	DOLE	DND	DPWH	DOST	DSWD	DOT	DTI	DOTC	NEDA	OPS	OVP	OP	Judicial	Legislativ	Constitutional	Other
75	227	209	141	143	12	34	109	133	142	25	1	306	-	-	4	562
73	227	209	141	143	12	34	109	129	140	25	1	270	-	-	4	562
1	9	5	6	6	1	4	7	14	4	-	-	11	-	-	1	25
-	6	3	1	13	1	-	1	2	3	-	-	4	-	-	-	16
-	1	1	1	7	1	1	2	1	2	1	-	2	-	-	-	24
12	14	17	17	47	3	7	7	30	8	2	-	37	-	-	1	96
6	10	3	16	10	-	4	4	17	9	-	-	29	-	-	-	67
3	32	-	2	43	-	6	4	10	90	9	-	75	-	-	-	7
36	26	107	21	5	2	4	70	31	24	13	-	45	-	-	2	113
2	6	5	1	1	1	4	1	4	-	-	-	10	-	-	-	14
13	123	68	76	11	3	4	13	20	-	-	1	57	-	-	-	200
2	-	-	-	-	-	-	-	4	2	-	-	36	-	-	-	-
1	-	-	-	-	-	-	-	2	2	-	-	12	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
-	-	-	-	-	-	-	-	2	-	-	-	10	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
9,763	1,911	3,209	20,037	2,637	3,344	3,754	1,958	9,681	1,011	1,405	328	3,770	1,072	-	59	25,819
0.8	11.9	6.5	0.7	5.4	0.4	0.9	5.6	1.4	14.1	1.8	0.3	8.1	-	-	6.8	2.2
8	11	8	9	10	3	5	14	9	5	4	1	15	2	-	1	17
11	17	18	11	21	9	8	30	16	8	8	2	35	7	2	6	50

Figure 18.1 *NUMBER OF DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVESTORS: 1987 to 1996*

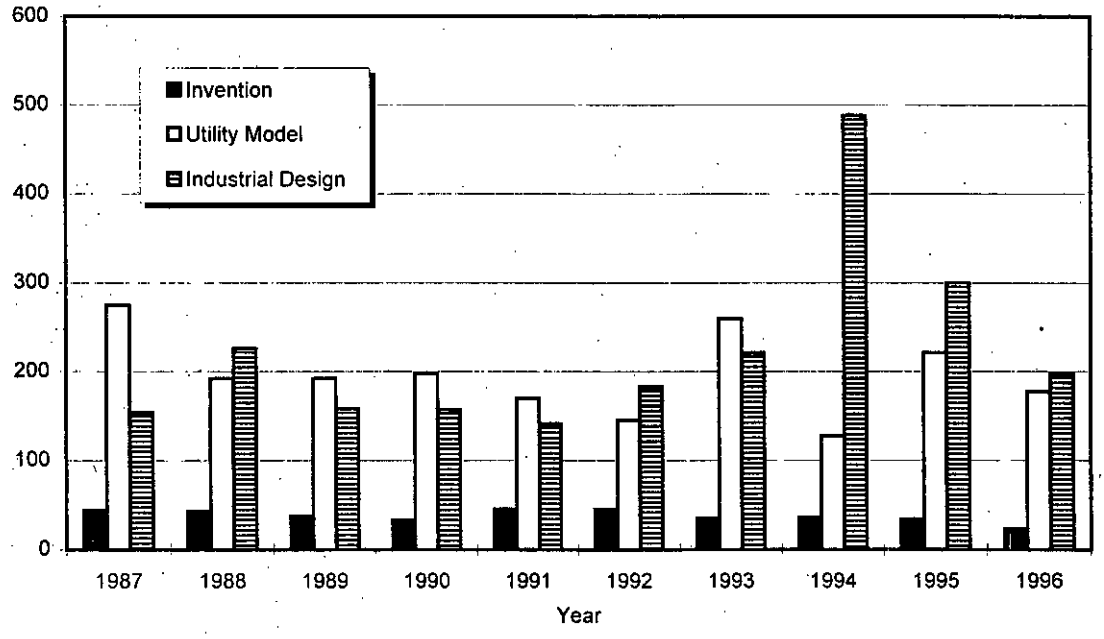
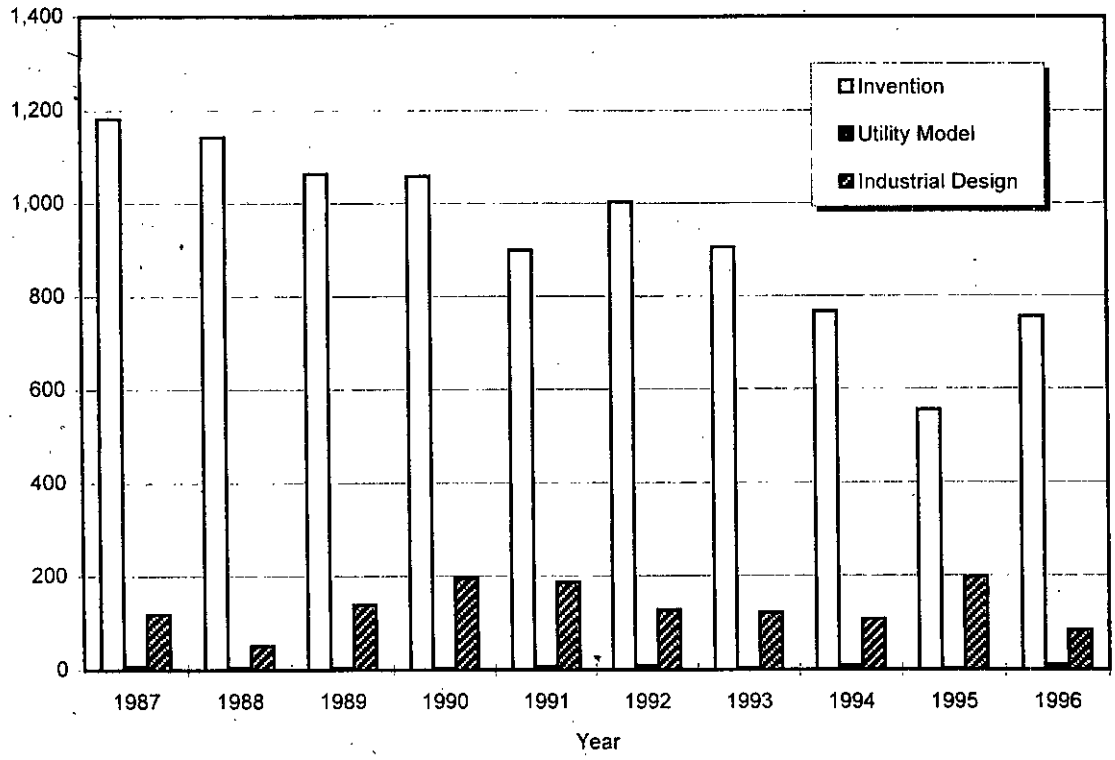


Figure 18.2 *NUMBER OF DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVESTORS: 1987 to 1996*



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, birth and death rates, surface area, density, 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 1999. Demographic indicators of selected Asian countries were taken from the Key Indicators of Developing Asia and Pacific Countries, 1999.

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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 ('000) (km)	Density
	1970	1980	1985	1990	1995	1997	1990-95	1990-95	1990-95	1997	1997
World Total	3,701	4,447	4,847	5,282	5,687	5,849	1.5	24	9	135,641	43
AFRICA	364	476	548	629	719	758	2.7	41	14	30306	25
Eastern Africa	110	146	168	194	221	234	2.7	45	17	6,356	37
Middle Africa	40	52	60	70	83	88	3.4	46	15	6,613	13
Northern Africa	85	110	126	142	158	165	2.1	30	9	8,525	19
Southern Africa	25	33	38	42	47	49	2.3	32	9	2,675	18
Western Africa	104	135	156	181	209	222	2.9	45	16	6,138	36
NORTHERN AMERICA [2]	232	255	268	282	297	302	1.0	15	9	21,517	14
LATIN AMERICA	283	359	398	438	477	492	1.7	25	7	20,533	24
Caribbean	25	29	31	34	36	37	1.2	23	8	235	157
Central America	67	90	100	112	123	128	2.0	29	6	2,480	52
South America	191	240	267	293	317	327	1.6	24	7	17,819	18
ASIA [3]	2,147	2,641	2,902	3,184	3,438	3,538	1.5	24	8	31,764	111
Eastern Asia	987	1,178	1,258	1,350	1,421	1,447	1.0	18	7	11,762	123
Southern Asia	788	990	1,112	1,242	1,367	1,418	1.9	30	10	10,776	132
Southeastern Asia	287	360	401	442	482	498	1.7	26	8	4,495	111
Western Asia [3]	86	113	131	150	168	175	2.2	30	7	4,731	37
EUROPE [3]	656	693	707	722	728	729	0.2	12	11	22,986	32
Eastern Europe	276	295	303	311	311	309	0.0	12	13	18,813	16
Northern Europe	87	90	91	92	93	94	0.2	13	11	1,749	54
Southern Europe	128	138	141	143	143	144	0.0	11	10	1,316	109
Western Europe	165	170	172	176	181	182	0.6	11	10	1,107	164
OCEANIA [2]	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	17.7	18.9	20.2	21.4	21.9	1.1	15	8	7,984	3
Melanesia	3.3	4.2	4.7	5.2	5.8	6.1	2.2	32	9	541	11
Micronesia	0.3	0.3	0.4	0.4	0.5	0.5	2.3	33	6	3	167
Polynesia	0.4	0.5	0.5	0.5	0.6	0.6	1.3	25	6	9	67

[1] 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.
[2] Hawaii, a state of the United States of America, is included in Northern America rather than Oceania.
[3] The European portion of Turkey is included in Western Asia rather than Europe.

Source: 1997 United Nations Demographic Yearbook.

Table 19.2
INDEX NUMBERS OF TOTAL AGRICULTURAL AND FOOD PRODUCTION
1987 to 1996
(1989-91 = 100)

Region	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
A. TOTAL AGRICULTURAL PRODUCTON										
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 [1]	99	100	105	104	91	...	...	...	...	...
B. 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 [1]	99	99	105	105	91	...	...	...	...	...

[1] 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, Data available as of 30 June 1997.

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 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	100	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 [1]	101	101	105	104	90	...	...	...	...	...
B. 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 [1]	101	101	105	105	90	...	...	...	...	...

[1] 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, Data available as of 30 June 1997.

Table 19.4
GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Growth rate: percent per annum)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	13.6	12.7	10.5	9.6	8.8	7.8	7.0	6.5
Hong Kong, China	6.1	5.4	3.9	4.5	5.3	-5.1	-0.5	2.0
Republic of Korea	5.8	8.6	8.9	7.1	5.5	-5.5	2.0	4.0
Singapore	10.4	10.5	8.8	6.9	7.8	1.5	1.0	4.0
Taipei, China	6.3	6.5	6.0	5.7	6.8	4.8	4.9	6.3
Indonesia	7.3	7.5	8.2	7.8	4.9	-13.7	0.0	2.0
Malaysia	8.3	9.2	9.4	8.6	7.7	-6.2	0.7	2.7
Philippines	2.1	4.4	4.7	5.8	5.2	-0.5	2.4	4.0
Thailand	8.4	8.9	8.8	5.5	-0.4	-8.0	0.0	2.5
Viet Nam	8.1	8.8	9.5	9.3	8.2	4.0	3.7	4.5
Bangladesh	4.5	4.2	4.4	5.4	5.9	5.7	3.6	5.5

[a] - projections.

Source : Asian Development Outlook 1999, Asian Development Bank.

Table 19.5
GROSS DOMESTIC INVESTMENT OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Percentage of GDP)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	43.5	40.9	40.8	39.6	38.2	39.0	40.0	40.0
Hong Kong, China	27.6	31.9	34.8	32.1	35.4	30.2	30.5	31.5
Republic of Korea	35.1	36.1	37.0	38.4	33.0	29.0	27.3	28.8
Singapore	37.7	32.7	33.1	35.3	37.4	34.0	34.5	34.5
Taipei, China	25.2	23.9	23.7	21.2	22.0	22.7	22.4	23.0
Indonesia	29.5	31.1	31.9	30.7	31.3	18.0	17.5	20.0
Malaysia	37.8	40.4	43.5	41.5	42.0	33.2	34.5	35.0
Philippines	23.6	23.5	21.6	23.1	23.8	19.3	20.0	21.0
Thailand	39.9	40.3	41.6	41.7	35.0	24.4	24.7	27.0
Viet Nam	23.6	25.5	27.1	28.1	28.3	28.7	25.0	27.0
Bangladesh	14.3	13.8	16.6	17.0	17.3	16.3	17.5	17.0

[a] - projections.

Source : Asian Development Outlook 1999, Asian Development Bank.

Table 19.6
GROSS DOMESTIC SAVING OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Percentage of GDP)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	41.9	41.5	41.1	40.5	41.5	41.5	41.0	40.5
Hong Kong, China	34.6	33.1	30.5	30.7	31.8	30.5	31.0	31.0
Republic of Korea	35.4	35.0	35.2	33.7	33.1	42.3	34.1	31.7
Singapore	46.3	48.8	50.9	51.2	51.8	52.2	50.0	49.0
Taipei, China	27.0	25.8	25.6	25.1	24.8	25.1	24.8	25.3
Indonesia	27.6	29.1	28.5	27.3	29.9	19.1	18.5	19.0
Malaysia	37.7	38.8	39.5	42.6	43.8	48.0	47.1	46.1
Philippines	15.2	17.0	16.8	18.5	20.3	20.0	20.2	20.3
Thailand	34.9	34.7	33.6	33.7	32.9	35.9	33.2	33.0
Bangladesh	14.2	16.1	16.9	14.3	14.8	14.8	14.5	15.0

[a] - projections.

Source : Asian Development Outlook 1999, Asian Development Bank.

Table 19.7
INFLATION RATE OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Percent change in CPI)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	14.6	24.2	17.1	8.3	2.8	-0.8	2.0	3.0
Hong Kong, China	8.9	8.8	9.0	6.3	5.9	2.8	-1.5	1.0
Republic of Korea	4.8	6.2	4.5	5.0	4.5	7.5	2.0	3.0
Singapore	2.2	3.1	1.7	1.4	2.0	-1.5	0.5	2.0
Taipei, China	2.9	4.1	3.7	3.1	0.9	1.7	1.9	2.6
Indonesia	9.7	8.5	9.4	7.9	6.6	58.2	17.0	9.5
Malaysia	3.6	3.7	3.4	3.5	4.0	5.2	4.2	3.8
Philippines	7.6	9.0	8.1	9.1	6.0	9.7	8.5	7.0
Thailand	3.3	5.1	5.8	5.9	5.6	8.1	3.0	5.0
Viet Nam	5.2	14.4	12.7	4.5	3.6	9.2	8.0	7.0
Bangladesh	1.3	1.8	5.2	6.6	2.6	7.0	8.0	6.0

[a] - projections.

Source : Asian Development Outlook 1999, Asian Development Bank.

Table 19.8
MERCHANDISE EXPORTS OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Growth rate: percent per annum)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	8.8	35.6	24.9	17.9	21.0	0.5	-5.0	1.9
Hong Kong, China	13.2	11.9	14.8	4.0	4.0	-7.5	0.5	2.5
Republic of Korea	7.7	15.7	31.2	4.3	6.7	-4.9	2.0	6.0
Singapore	16.6	30.8	22.1	6.4	-3.1	-5.6	2.0	5.0
Taipei, China	4.5	9.4	20.0	3.8	5.4	-9.4	9.5	10.5
Indonesia	3.4	15.5	13.3	9.0	7.9	0.7	6.5	8.5
Malaysia	16.1	23.1	26.6	7.3	6.0	-11.4	3.8	2.6
Philippines	15.8	18.5	29.4	17.7	22.8	16.9	13.0	13.5
Thailand	13.4	22.1	24.8	-1.9	3.8	-6.6	5.1	8.5
Viet Nam	20.6	35.8	28.2	41.0	22.2	3.9	5.0	6.0
Bangladesh	19.5	6.3	37.1	11.8	14.0	16.8	8.0	12.0

[a] - projections.

Source: Asian Development Outlook 1999 (Statistical Appendix Tables), Asian Development Bank.

Table 19.9
MERCHANDISE IMPORTS OF SELECTED ASIAN COUNTRIES
1993 to 2000
(Growth rate: percent per annum)

Countries	1993	1994	1995	1996	1997	1998	1999 [a]	2000 [a]
People's Republic of China	34.1	10.4	15.5	19.5	3.8	-1.5	5.0	6.0
Hong Kong, China	12.3	16.7	19.1	3.0	5.1	-11.6	-0.5	3.0
Republic of Korea	2.3	22.6	31.9	12.3	-2.2	-36.1	15.0	18.0
Singapore	18.0	20.4	21.3	5.4	0.1	-9.0	4.0	5.2
Taipei, China	7.1	10.4	21.2	-0.1	9.7	-5.6	6.8	11.2
Indonesia	6.6	17.1	21.6	10.4	-6.8	-11.3	9.0	13.0
Malaysia	17.8	28.1	29.9	1.7	7.0	-22.5	6.6	4.1
Philippines	21.2	21.2	23.7	20.8	14.0	-18.4	13.5	16.0
Thailand	12.3	18.4	31.9	0.6	-13.4	-32.3	12.6	14.5
Viet Nam	39.3	48.5	43.8	38.9	-1.6	-2.3	4.0	6.5
Bangladesh	15.5	2.9	39.2	19.1	3.1	5.3	10.0	8.0

[a] - projections.

Source: Asian Development Outlook 1999 (Statistical Appendix Tables), Asian Development Bank.

Table 19.10
BALANCE OF PAYMENTS ON CURRENT ACCOUNT[1] OF SELECTED ASIAN COUNTRIES 1993 to 2000
(Percent of GDP)

Countries	1993	1994	1995	1996	1997	1998	1999	2000
People's Republic of China	(2.0)	1.4	0.2	0.9	3.2	2.5	1.0	0.5
Republic of Korea	0.3	(1.0)	(1.9)	(4.7)	1.8	13.2	6.8	2.9
Singapore	7.0	7.1	8.5	15.4	15.4	18.2	15.5	14.5
Taipei, China	3.2	2.7	2.1	4.0	2.7	1.8	2.5	2.3
Indonesia	(1.9)	(2.0)	(3.4)	(3.4)	(1.4)	(1.1)	1.0	(1.0)
Malaysia	(4.7)	(6.2)	(9.7)	(5.0)	(5.3)	8.1	5.5	4.0
Philippines	(5.5)	(4.6)	(2.7)	(4.7)	(5.3)	2.0	1.3	(0.2)
Thailand	(4.9)	(5.4)	(7.9)	(7.9)	(2.0)	11.5	8.5	6.0
Viet Nam	(7.1)	8.0	(11.0)	(10.3)	(6.8)	(4.1)	(3.0)	(4.0)
Bangladesh	(1.6)	(1.6)	(2.1)	(2.3)	(2.2)	(2.0)	(3.1)	(2.5)

[a] - projections.
[1] - Sum of the balance of trade, net trade in services and income, and net unrequited transfers.
Source : Asian Development Outlook 1999 (Statistical Appendix Tables), Asian Development Bank.

Table 19.11
DEBT SERVICE RATIO[1] OF SELECTED ASIAN COUNTRIES 1993 to 2000
(Percent of exports of goods and services)

Countries	1993	1994	1995	1996	1997	1998	1999	2000
People's Republic of China	11.1	8.9	9.9	10.1	9.8	-	-	-
Republic of Korea	-	-	-	-	-	-	-	-
Indonesia	31.9	32.6	34.2	39.5	36.0	34.0	30.0	30.0
Malaysia	6.2	4.9	6.0	6.9	6.7	0.9	34.0	-
Philippines	25.6	18.9	16.1	18.1	10.4	-	-	-
Thailand	11.3	11.7	11.4	12.3	15.6	21.3	20.1	-
Viet Nam	10.7	13.4	12.2	11.0	11.4	13.4	14.0	14.5
Bangladesh	12.3	11.6	10.3	12.1	11.4	11.7	12.0	12.1

[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 1999 (Statistical Appendix Tables), Asian Development Bank.

Table 19.12
DEMOGRAPHIC INDICATORS OF SELECTED ASIAN COUNTRIES
1980, 1990, and 1998

Countries	Population Density (Person/sq km)			Crude Birth Rate (Per 1000 persons)		
	1980	1990	1998	1980	1990	1997
People's Republic China	103	119	130	18	20	17
Hong Kong, China	4,729	5,327	6,252	17	12	10
Republic of Korea	384	432	468	22	16	15
Singapore	3,887	4,871	6,242	17	18	13
Taipei, China	490	562	605	23	17	15
Indonesia	77	94	107	34	25	24
Malaysia	42	54	67	31	29	26
Philippines	161	207	251	35	31	29
Thailand	91	109	119	28	20	17
Viet Nam	162	200	235	36	29	21
Bangladesh	615	763	889	44	33	28

Table 19.12 (continued)
DEMOGRAPHIC INDICATORS OF SELECTED ASIAN COUNTRIES
1980, 1990, and 1998

Countries	Contraceptive Prevalence Rate (% of women 15-49 yrs.)		Maternal Moratlity Ratio (Per 100,000 live births)		Human Development Index		
	1990 [d]	1997	1990	1997	1990	1994	1995
People's Republic China	74	83 [f]	...	115 [h]	0.566	0.626	0.650
Hong Kong, China	72	85 [g]	6 [h]	7	0.913	0.914	0.909
Republic of Korea	70	79 [f]	42 [h]	30 [j]	0.872	0.890	0.894
Singapore	74	74 [f]	11 [h]	10	0.849	0.900	0.896
Taipei, China	...	...	12	9	...	...	...
Indonesia	40	55 [f]	450 [h]	390 [j]	0.515	0.668	0.679
Malaysia	51	56 [d]	40 [h]	34 [j]	0.790	0.832	0.834
Philippines	44	48 [g]	209 [i]	180 [l]	0.603	0.672	0.677
Thailand	65	74 [f]	270 [h]	155 [j]	0.715	0.833	0.838
Viet Nam	20	65 [f]	110 [h]	105 [k]	0.472	0.557	0.560
Bangladesh	25	49 [f]	...	449 [k]	0.189	0.368	0.371

Note: The Human Development Index (HDI) is based on three indicators: longevity (as measured by life expectancy at birth; educational attainment (as measured by a combination of adult literacy (2/3 weght) and the combined first, second and third-level gross enrolment ratio (1/3 weight); and standard of living (as measured by real GDP per capita (PPP$).

[a] - Unless otherwise stated figures refer to the period 1975-1980.
[b] - Unless otherwise stated figures refer to the period 1985-1990.
[c] - Unless otherwise stated figures refer to the period 1995-2000.
[d] - Unless otherwise stated figures refer to the period 1989-1995.
[e] - Unless otherwise stated figures refer to the 1996.
[f] - Refers to the period 1990-1995.
[g] - Refers to the period 1990-1996.
[h] - Refers to the period 1980-1985.
[i] - Refers to the period 1990.
[j] - Refers to the period 1989-1994.
[k] - Refers to 1994.
[l] - Refers to 1995.

Source : Key Indicators of Developing Asian and Pacific Countries 1999, Asian Development Bank.

Table 19.12 (continued)

Crude Death Rate (Per 1000 persons)			Total Fertility Rate (Births Per Woman)			Net Reproduction Rate		
1980	1990	1997	1980	1990	1997	1980 [a]	1990 [b]	1997 [c]
6	7	8	2.5	2.1	1.9	1.5	1.1	0.8
5	5	6	2.0	1.3	1.3	1.1	0.7	0.6
6	6	6	2.6	1.8	1.7	1.3	0.8	0.8
5	5	4	1.7	1.9	1.7	0.9	0.8	0.8
5	5	6	2.5	1.8	1.8	1.2	0.8	0.8
12	9	8	4.3	3.0	2.8	1.7	1.4	1.2
6	5	5	4.2	3.8	3.2	1.8	1.8	1.5
9	7	6	4.8	4.0	3.6	2.1	1.9	1.7
8	6	7	3.5	2.2	1.7	1.8	1.2	0.8
8	7	7	5.0	3.6	2.4	2.2	1.8	1.3
18	12	10	6.1	4.2	3.2	2.2	1.8	1.3

Infant Mortality Rate (Per 1000 livebirths)			Life Expentancy at Birth (Years)					
			1980		1990		1997 [e]	
1980	1990	1997	F	M	F	M	F	M
42	33	32	68	66	70	67	71	68
11	6	4 [e]	77	71	80	75	81	76
26	12	9	70	64	74	67	76	69
12	7	4	74	69	77	72	79	74
10	5	6	75	70	77	71	78	66
90	63	47	56	53	64	60	66	62
30	15	11	69	65	73	68	74	70
52	44	35	63	60	66	63	68	64
49	38	33	66	61	71	66	72	67
57	45	38	65	61	69	64	70	66
132	95	75	48	49	56	55	59	57

Figure 19.1 *GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES: 1999*

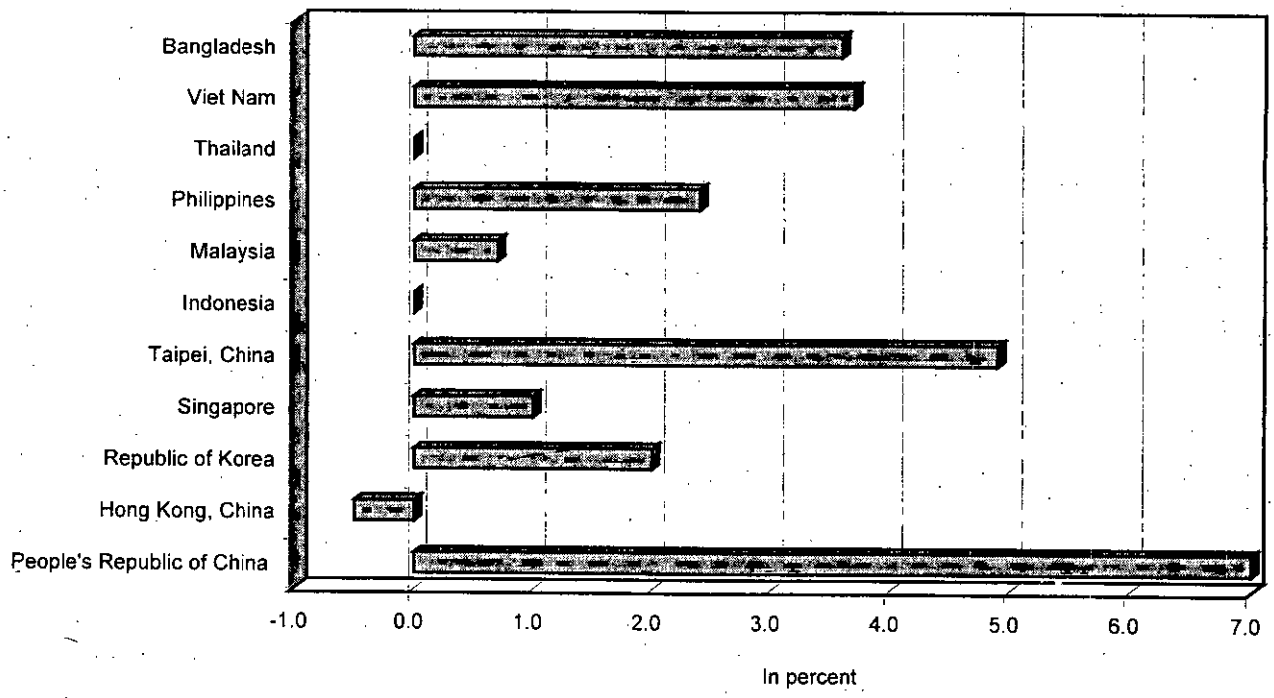
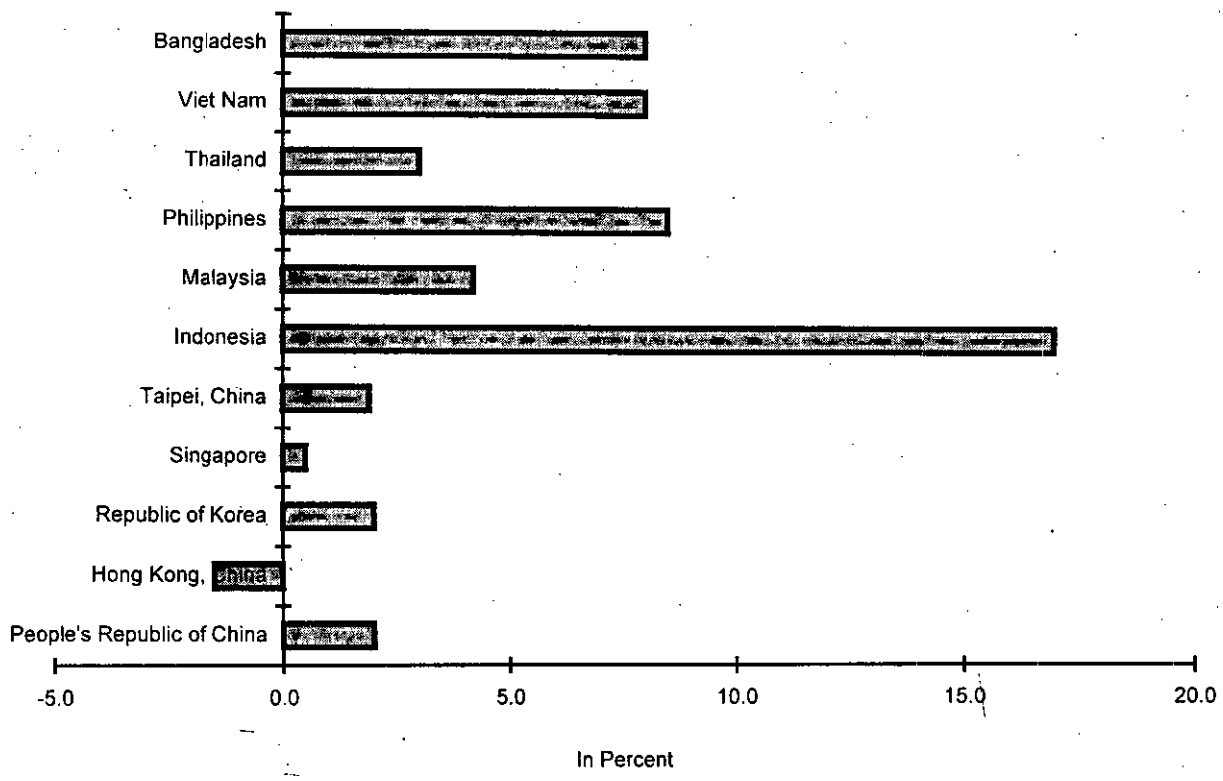


Figure 19.2 *INFLATION RATE OF SELECTED ASIAN COUNTRIES: 1999*



APPENDIX

APPENDIX

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Glossary of Terms

AGRICULTURE SECTOR

Agricultural Production- the growing field crops, fruits, nuts, seeds, tree nurseries (except those of forest trees), bulb vegetables and flowers, both in the open and under glass; and the production of coffee, tea, cocoa, rubber; and the production of livestock and livestock products, honey rabbits, fur-bearing animals, silkworm, cocoons, etc. Forestry and fishery production carried on as an ancillary activity on an agricultural holding is also considered as agricultural production.

Aquaculture - sector of fisheries that includes the rearing or raising under controlled conditions of aquatic products such as fish, oysters, mussels, sea weeds and other aquatic resources in sea, lakes and rivers. Examples are fishponds, fish pens and fish cages.

Commercial Fishing - sector of fisheries that includes the catching of fish in marine waters with the use of fishing boat of more than three (3) gross tons and beyond the seven (7) kilometers shoreline limit.

Municipal Fishing - sector of fisheries that includes the catching of fish in marine and inland waters with the use of fishing boat of three (3) gross tons or less, or using gear not requiring the use of boats.

Cooperative - a duly registered association of at least fifteen (15) persons with a common bond of interest who voluntarily join together to achieve a lawful common social and economic end.

Kinds of cooperatives:

Consumers' Cooperative - the primary purpose is to procure and distribute commodities to members and non-members.

Cooperative Bank- organized by, the majority shares of which is owned and controlled by, cooperatives primarily to provide financial and credit services to cooperatives.

Cooperative Federation - an organization of primary and/or secondary cooperatives with a single line or multi-purpose business activities.

Cooperative Union - an organization of cooperatives and federations at appropriate levels to represent the interest and welfare of all types of cooperatives at the provincial, city, regional and national levels.

Credit Cooperative - promotes thrift and savings among its members and creates funds in order to grant loans for productive and provident purposes.

Laboratory Cooperative - a cooperative formed and managed principally by minors and which is affiliated with a registered cooperative.

Marketing Cooperative - engages in the supply of production inputs to members, and markets their products.

Multi-Purpose Cooperative - engages two (2) or more types of business activities.

Producers' Cooperative - undertakes joint production whether agricultural or industrial.

Service Cooperative - engages in medical and dental care, hospitalization, transportation, insurance, housing, labor, electric light and power, communication and other services.

BANKING AND FINANCE

Assets - are economic resources that are controlled by the company/entity and whose cost at the time of acquisition could be objectively measured.

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.

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

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.

Currency in circulation - all Philippine notes and coins issued or circulating in accordance with the provisions of the Central Bank Act.

Deposit Substitutes - an alternative form of obtaining funds from the public, other than deposits, through the issuance, endorsement, acceptance of debt instruments for the borrower's own account, for the purpose of re-lending or purchasing of receivables and their obligations

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

Domestic Liquidity - consists of money supply, savings and time deposits and deposit substitutes of the monetary system.

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.

Extraordinary Income - collections derived from the repayment of loans and advances made by the government as well as from other non-recurring sources.
Financing - means by which a government provides financial resources to cover a budget deficit or allocated financial resources arising from a budget surplus.

Government Securities or Treasury Bills - evidences of indebtedness of the Republic of the Philippines or its instrumentalities, government-owned and/or controlled corporations, or the Central Bank and must be freely negotiable and regularly serviced.

Insurance Premiums - contributions of the account of employees whether made by themselves or their employers for social security arrangements.

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.

Money Supply - consists of currency in circulation plus peso demand deposits.

Net Domestic Credits - defined under Monetary.Board. Resolution. 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.

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 proceeds 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.

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.

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.

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.

Real Estate Loans - loans secured by real estate properties mortgaged with the system

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.

Savings Bank - 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.

Social Insurance Fund - amount set aside for the payment of social insurance benefits like retirement insurance, disability retirement, death and life insurance benefits.

Stocks - investments in shares of stock, common or preferred, traded, subsidiaries, non subsidiaries.

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.

ECONOMIC ACCOUNTS SECTOR

Constant Prices (at constant prices), Value at - valuation of transactions, wherein the influence of price changes from the base year to the current year has been removed.

Current Prices, Value at - the value based on prices during the reference year.

Gross Domestic Product - the value of all goods and services produced domestically; the sum of gross value added of all resident institutional units engaged in production (plus any taxes, and minus any subsidies, on products not included in the values of their outputs).

Gross Regional Domestic Product - aggregate of the gross value added or income from each industry or economic activity of the regional economy.

Gross National Product - the Gross Domestic Product adjusted with the net factor income from the rest of the world. It refers to the aggregate earnings of the factors of production (nationals) plus indirect taxes (net) and capital consumption allowance.

Gross Value Added - the difference between gross output and intermediate inputs. Gross outputs of a production unit during a given period is equal to the gross value of the goods and services produced during the period and recorded at the moment they are produced, regardless of whether or not there is a change of ownership. Intermediate inputs refer to the value of goods and services used in the production process during the accounting period.

Per capita - estimates expressed as the ratio of a particular transaction over total population.

Personal Consumption Expenditures - consist of actual and imputed expenditures of households for the purpose of acquiring individual consumption goods and services.

EDUCATION SECTOR

Basic or Simple Literacy - the ability to read and write with understanding simple messages in any language or dialect.

Elementary Education - the stage of formal education primarily concerned with providing basic education and usually corresponding to six (6) or seven (7) grades.

Enrolment - the total number of students who have registered as of August 31 in a given school year.

Formal Education - institutionalized, hierarchically structured, chronologically graded educational system running from the elementary to tertiary levels.

Functional Literacy - represents a significantly higher level literacy which includes not only reading and writing skills but also numeracy skills. The skills must be sufficiently advanced to enable the individual to participate fully and effectively in activities commonly occurring in his life situation that require a reasonable capability beyond oral and written communication.

Government or Public School - school established, operated and supported by the government.

Higher Education - the stage of formal education following the secondary education covering the programs on: (a) all courses of study leading to bachelor's degree and (b) all degree courses of study beyond bachelor's degree level

National Elementary Assessment Test (NEAT) - a written examination basically designed to assess abilities and skills of Grade VI pupils in all public and private schools. It aims to measure learning outcomes in elementary level in response to the need of enhancing quality of education.

National Secondary Assessment Test (NSAT) - a battery of tests designed to assess abilities and skills necessary for success in four-year or more college degree programs. It is intended to complement or supplement school's existing assessment procedures for career counseling.

Non-Formal Education - any organized educational activity outside the established formal system, that is intended for specific objectives and to serve identifiable clientele.

Post Secondary/Non-Degree Education - the stage of formal education following the secondary level covering non-degree programs that have varying duration from three (3) months to three (3) years, concerned primarily with developing strong and appropriately trained middle-level skilled manpower possessing capabilities supportive of national development.

Pre-School - a school that admits students who are not old enough to enter the first level of education. These pupils are usually from 4 to 5 years of age.

Primary School - a school primarily concerned with providing basic education and usually corresponding to the first four grades of elementary education.

Private School - an educational institution maintained and administered by private individuals or groups.

Secondary School - an educational institution offering secondary education.

Secondary/High School Education - the stage of formal education following the elementary level usually corresponding to four (4) years of school, primarily with continuing basic education and expanding it to prepare the students for higher education and/or the world of work through the acquisition of employable gainful skills.

School Year - the period of time, of approximately 32 to 40 weeks, when schools offer daily instruction broken by short intermission periods (e.g., Christmas and summer vacations and holidays).

Technical Education - the education process designed at post-secondary and lower tertiary levels, officially recognized as non-degree programs aimed at preparing technicians, para-professionals and other categories of middle-level workers by providing them with a broad range of general education, theoretical, scientific and technological studies, and related job skills training.

Vocational Skills Training - programs of short duration ranging from three (3) months to about six (6) months. These are non-diploma programs but the students are given proficiency certificates on the trades they have satisfactorily completed.

ENVIRONMENT AND NATURAL RESOURCES SECTOR

Charcoal - solid product obtained from the destructive distillation and/or thermal degradation of wood.

Forest - area of one hectare or more which is at least 10 percent stocked with forest trees (including seedlings and saplings), wild palm, bamboo or brush. Narrow strips of land bearing

forest must be at least 60 meters wide and one hectare in size to qualify as forest. Industrial tree plantations and tree farms one hectare or more in size are also included.

Forest Land - includes the public forest, the permanent forest or forest reserves, and forest reservations.

Forest Product - all usable raw materials yielded by the forest including the associated water, fish, game, scenic, historical, recreational and geologic resources.

Log - felled trees bucked into convenient length of at least 1.5 meters, with at least 15 cm. in diameter. It may either be poles, piles, pulpwood, sawlog or veneer log.

Lumber - solid wood not further manufactured other than sawing, resawing and passing lengthwise through a standard planing machine crosscut to length.

National Park - refers to a forest reservation essentially of primitive or wilderness character which has been withdrawn from settlement or occupancy and set aside as such exclusively to preserve the scenery, the natural and historic objects and the wild animals or plants therein, and to provide enjoyment of these features in such a manner as will leave them unimpaired for future generations.

Non-Timber Forest Product - includes all forest products except timber; also known as minor forest product.

Plywood - an assembled product made of layers of veneer held together by an adhesive, the chief characteristic of which is the alternate cross layers, distributing the longitudinal wood strength. It consists of three or more layers of veneer, firmly glued together with the grain direction of the middle layer at right angles to that of the two parallel outer layers.

Poles and Piles - logs for use as electric post, pier piling, railroad ties, sleepers and the like.

Pulpwood - any wood commercially used for the manufacture of any type of pulp.
Rainfall (mm) - the amount of precipitation (rain, hail, etc.) expressed in millimeter depth, of the layer of water which has fallen.

Roundwood - wood in its natural state as felled or otherwise harvested, with or without bar, round, split roughly squared or other forms (e.g. roots, stumps). It may also be impregnated (e.g. telegraph poles) or roughly shaped or pointed. It comprises all wood obtained from the forest such as sawlogs/veneer logs, pulpwood, fuelwood and other industrial roundwood.

Timberland - refers to land of the public domain which has been the subject of the present system of land classification determined to be needed for forest purposes. Eventually, these lands will be proclaimed as forest reserves by the President.

Upland - highland; ground elevation above the lowlands along rivers or between hills.

Veneer - thin sheets of wood of uniform thickness, rotary cut, sliced or sawn for use in the manufacture of plywood.

FOREIGN TRADE SECTOR

Balance of Trade - the difference between the export earnings and import payments of all goods or merchandise trade transacted by a country.

Domestic Export - export for goods grown, mined, cultured or manufactured in the Philippines.

Export - all goods leaving the country which are properly cleared through the Customs.

Free on Board (F.O.B.) Value - the value of the goods free on board the carrier at the frontier of the exporting country. It includes inland freight, export duty and other expenses. Ocean freight, insurance and consular fee are, however, excluded.

Import - all goods entering any of the seaports or airports of entry of the Philippines properly cleared through the Customs or remaining under Customs control, whether the goods are for direct consumption, for merchanting, for warehousing or for further processing.

Non-Traditional Exports - export goods whose value did not exceed US$5 million in 1968 and which have undergone a significant degree of processing.

Re-Exports - exports of imported goods which do not undergo physical and/or chemical transformation in the Philippines.

Traditional Exports - export goods whose value exceed US$5 million in 1968 and which have undergone a significant degree of processing.)

INCOME AND PRICES SECTOR

Consumer Price Index (CPI) - measure of the average changes in the prices of a fixed basket of goods and services usually purchased by households for their consumption.

Inflation Rate – rate of change in the average price level between two periods (year-on-year or month-on-month) as measured by the Consumer Price Index.

Magnitude of the Poor - the number of families or the population whose annual per capita income falls below the subsistence/poverty threshold.)

Poverty Incidence - proportion of families/population whose annual per capita income falls below the annual per capita poverty threshold to the total number of families/population.

Poverty Threshold – annual per capita income required or the amount to be spent to satisfy nutritional requirements (2,000 Kcal) and other basic needs.

Producer Price Index (PPI) – is a measure of the changes of the producer's prices (farmgate, example plant) of key commodities produced by the agriculture and manufacturing sectors.

Retail Price Index (RPI) - measure of the changes of the prices at which retailers dispose of their goods to consumers and end-users.

Subsistence Incidence - proportion of families/population whose annual per capita income falls below the annual per capita food/subsistence threshold to the total number of families/population.)

Subsistence/Food Threshold - annual per capita income required or the amount to be spent to satisfy nutritional requirements (2,000 Kcal).

Wholesale Price Index (WPI) - measure of the changes in the price level of commodities that flow into the wholesale trade intermediaries

INDUSTRY SECTOR

Average Total Employment - arrived at by dividing the total employment during the pay periods, nearest the middle of each quarter (Feb. 15, May 15, Aug. 15, and Nov. 15) by four quarters.

Capital Expenditures for Fixed Assets - include cost of acquisition of new and used fixed assets, fixed assets produced by the establishment for its own use, major alterations, additions and improvements to fixed assets, whether done by others, or done on own account.

Capital Increase - the additional funds put into the capital stock of existing business firms.)

Capital Investment - the amount of capital invested by a newly registered organization whether a corporation, partnership or single proprietorship.

Capital Withdrawal - the retirement and/or redemption of capital funds of business firms.)

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

Cost - all expenses whether paid or payable incurred during the year including interest expenses and indirect taxes and other charges. Valuation is usually at market price, net of discounts, rebates, returns and allowances.

Establishment - an economic unit which engages in one or predominantly one kind of economic activity at a fixed single physical location.

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.

Paid Employee - person working for and receiving pay from an establishment; includes the full time or part-time employee on paid leaves, e.g. paid vacation, maternity holiday or sick leave. Excludes consultants, home workers, workers receiving commissions and workers on indefinite leave.)

Salaries and Wages - 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.

Shipments - the sale or inter-plant transfer of finished products from an establishment.

Stocks - investments in shares of stock, common or preferred, traded, subsidiaries, and non-subsidiaries.

Subscription Capital – that portion of the authorized capital which has been underwritten by the stockholders.

Total Receipt (Revenue/Sales) – includes the value/cash received and receivables for products shipped, goods sold and transferred and industrial and non-industrial services rendered to others.

Value of Output - represents the total value of products sold, receipts 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).

LABOR AND EMPLOYMENT SECTOR

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

Collective Bargaining Agreement (CBA) – the 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 grievance and arbitration machinery.

Deployed Overseas Filipino Workers – recruited worker who leaves for an overseas job with the pre-condition that employment/travel documentation papers are processed by Philippine Overseas Employment Administration (POEA) and his/her departure is actually recorded at the Labor Assistance Center at the Ninoy Aquino International Airport).

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 one 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.

Employment Rate - proportion in percent of the total number of employed persons to the total number of persons in the labor force.

Labor Force - the population 15 years old and over whether employed or unemployed who contribute to the production of goods and services in the country.

Labor Force Participation Rate - proportion in percent of the total number of persons in the labor force to the total population 15 years old and over.)

Land-Based Workers - a contract worker other than a seaman including workers engaged in offshore activities whose occupation requires that majority of his working/gainful hours are spent on land.)

Man-Days Lost - total number of man-days lost due to strikes or lockouts declared. It is computed by multiplying the number of workers involved in the strike or lockout by the total number of working days lost or made idle due to the strike/lockout)

Nominal Minimum Wage Rate - the lowest basic wage rate that an employer can pay his/her workers as fixed by the Regional Tripartite Wages and Productivity Board (RTWPB), which is not lower than the applicable statutory minimum wage rate. This includes mandated Cost of Living Allowance (COLAs), if any)

Notice of Lockout - the notification filed by an employer with the appropriate National Conciliation and Mediation Board (NCMB) regional branch about its intention to temporarily cease its operation because of the allegations by a duly registered labor union of unfair labor practice act/s or because of a deadlock in collective bargaining negotiations.
Notice of Strike - the notification filed by a duly registered labor union with the appropriate NCMB regional branch about its intention to go on strike because of alleged commission by the employer of unfair labor practice act/s or because of a deadlock in collective bargaining negotiations

Overseas Contract Workers (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 Filipino Worker (OFW) - a Filipino worker who is to be engaged, is engaged, or has been engaged in a remunerated activity in a country of which he/she is not a legal resident.

Processed Overseas Filipino Workers - recruited worker whose contract and travel documents have been verified and validated through the Contract Processing Department of the POEA and is to be deployed for a specific period of time.)

Real Minimum Wage Rate - the minimum wage deflated by the current Consumer Price Index (CPI).

Rural Area - an area not falling under any of the classifications of an urban area.

Sea-Based Worker - any person employed in a vessel engaged in maritime navigation. Also called a seaman)

Strike - any temporary stoppage of work by the concerted action of the employees as a result of an industrial or labor dispute. Includes actual strike (with or without notice) filed at appropriate NCMB regional branches.)

Underemployed - include all 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 - proportion in percent of the total number of underemployed persons to the total number of employed persons.)

Unemployed - include all those who, during the reference period are 15 years old and over as of their last birthday who have no job/business and actively looking for work. Also considered as unemployed are persons without a job or business who are reported not looking for work because of their belief that no work is available or because of temporary illness/disability, bad weather, pending job application or waiting for job interview.)

Unemployment Rate - proportion in percent of the total number of unemployed persons to the total number of persons in the labor force.

Union - any registered group or association of employees that exist in whole or in part for the purpose of collective bargaining or of dealing with employers concerning terms and conditions of employment. A union may be formed in the private or public sector.

Visibly Underemployed persons - those who worked for less than 40 hours during the reference period and want additional hours of work

POPULATION SECTOR

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

Household - a social unit consisting of a person living alone or a group of persons who sleep in the same housing unit and have a common arrangement in the preparation and consumption of food.

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.

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.

Medium Assumption - moderate fertility decline and moderate mortality decline

Migration - the movement from one place to another (especially from one country to another) usually with intention to settle.

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).

Population Distribution - the patterns of settlement and dispersal of a population.

Population Projections - computation of future changes in population numbers, given certain assumptions about future trends in the rates of fertility, mortality, and migration. Demographers often issue low, medium, and high projections of the same population, based on different assumptions of how these rates will change in the future.

PUBLIC ADMINISTRATION SECTOR

Barangay - is the basic unit of the Philippine political system.

Current Operating Expenses - amount budgeted for the purchase of goods and services for the conduct of normal government operations within the budget year. It includes goods and services that will be used or consumed during the budget year.

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

Current Surplus - excess of revenues over expenditures.

Debt Service - the sum of loan repayments, interest payments, commitment fees and other charges on foreign and domestic borrowings.

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 - shortfall/deficiency of revenues over expenditures of the government.

Extraordinary Income - collections derived from the repayment of loans and advances made by the government as well as from other non-recurring sources.

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.

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 transfers received from other levels of government or from private individuals, or institutions including reparations and gifts given for particular projects or programs, or for general budget support.

Municipality – is a political corporate body which is endowed with the facilities of a municipal corporation, exercised by and through the municipal government in conformity with law. It is a subsidiary of the province which consists of a number of barangays within its territorial boundaries.

Net Lending - advances by the national government for the servicing of government guaranteed corporate debt during the year, net of repayments on such advances. Includes loans outlays or proceeds from program loans relent to government corporations.

Non-Tax Revenue - revenue collected from sources other than compulsory tax levies. Includes those collected in exchange for direct services rendered by government agencies to the public, or those arising from the government's regulatory and investment activities.

Personal Services - provisions for the payment of salaries, 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.

Province - largest unit in the political structure of the Philippines. It consists, in varying numbers, of municipalities and, in some cases, of component cities. Its functions and duties in relation to its component cities and municipalities are generally coordinative and supervisory.

Public Sector - consists of the National Government, local governments, government-owned or controlled corporations and government monetary institutions
Revenue - a cash inflow which does not increase the liability of the government.

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

Taxes on Domestic Goods and Services - taxes levied on the domestic production, sale or transfer, leasing, use or delivery of goods, and rendering of services.

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 other international trade-related tax collections of the national government.

Taxes on Property - taxes imposed on the ownership of wealth or immovable properties and on the transfer of real or personal properties, both tangible and intangible.

PUBLIC ORDER, SAFETY AND JUSTICE SECTOR

Crime Rate - number of crimes committed per 100,000 population.

Crime, Index - 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.

Crime, Non-Index - all types of crimes not considered as index crimes.

Cases Decided/Settled/Terminated – cases which have been given decision based on merits, including also cases dismissed and cases withdrawn or amicably closed during the reference period.

Cases Handled – the summation of the cases pending at the beginning of the period and new cases received during the reference period.

Cases Pending – cases which have not yet been disposed of at the beginning (or at the end) of the reference period.

SCIENCE AND TECHNOLOGY SECTOR

Joint Research Projects/Ventures with the Private Sector – any project fully or partially financed by a Department of Science and Technology (DOST) Council or any private establishment/entity and undertaken by any of the DOST Research and Development Institutes.

Invention - any new, useful machine or device manufactured product or substance, process or any improvement thereof, that involves inventive act of degree more than the skills of expertise, artisan or mechanic.

Research and Development (R & D) Projects

a) Completed - projects completed at various stages of the R&D spectrum, namely: basic research, applied research, experimental development, and pilot testing.
b) Supported/Assisted - projects funded by DOST Councils or by DOST-Office of the Secretary (OSEC). These are projects given technical support by R & D Institutes.
c) Implemented - projects implemented by R & D performing institutes like Information Technology Development Institute (ITDI) and Food and Nutrition Research Institute (FNRI).

Research Contacted - projects requested by private industries to R & D Institutes.

Scholarship - includes scholarships given by DOST Councils, Science Education Institute (SEI), Philippine Science High School (PSHS), Forest Products Research and Development Institute (FPRDI), Philippine Atmospheric Geophysical Astronomical Geophysical Astronomical Services Administration (PAGASA), Department of Science and Technology (DOST), National Research Council of the Philippines (NRCP), and Engineering and Science Education Program (ESEP).

Technologies Commercialized - technologies that are adopted and used already.

(a) **Technologies Commercialized (New)** - technologies that are used for the first time.
(b) **Technologies Commercialized (Existing)** - technologies that have been adopted and are already being used.

Technologies Diffused - technologies disseminated through trainings, demonstration, and techno packages.

(a) **Technologies Diffused (new)** - technologies disseminated for the first time through trainings, demonstration, and techno packages.
(b) **Technologies Diffused (existing)** - technologies already disseminated or given through trainings, demonstrations, and techno packages.

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)

SOCIAL SECTOR

MEDICARE Insurance Fund - fund set aside for payment of claims of members against hospitalization, surgical and medical expenses.

Social Services - this covers expenditures for education, health, social security, labor and employment, housing and community development and other social activities.

TOURISM SECTOR

Country of Residence - consists of the country where she/he has lived for most of the past year (12 months), or for a shorter period if she/he intends to return within 12 months to live there.

Occupancy Rate - refers to the proportion of the rooms or bed-places in a collective tourism establishment that is occupied over some period of time, such as a night, month or year.

Overseas Filipinos - Filipino nationals residing permanently abroad who are visiting the Philippines for a period not exceeding one year.

Resident - a person living in a given country, whether he is a national or not.

Tourist Receipts - the receipts of a country in the form of consumption expenditures or payments for goods and services made by foreign visitors out of foreign currency resources.

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.

Visitor Arrivals - includes tourist, excursionists, aliens entering the country for a temporary stay not exceeding one year and for purposes other than immigration, permanent residence or employment for remuneration in the country and Filipino nationals residing permanently abroad on temporary stay in the Philippines not exceeding one year. This excludes the following: a) transit visitors and change-plan passengers who remain in the premises of the port of entry terminal; b) aliens with pre-arranged employment for remuneration in the Philippines, even if length of stay is less than 59 days; c) Filipinos living abroad, regardless of length of stay overseas who are not permanent residents abroad; d) immigrants or aliens with permanent residence in the Philippines; e) Filipino overseas contract workers on home visits; and f) returning residents of the Philippines.

TRANSPORTATION AND COMMUNICATIONS SECTOR

Available Seat Kilometers - a measure of airline output which is obtained by multiplying the number of seats available in a flight by the distance over which the seats are flown.

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.

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

Revenue Passengers Carried - passenger paying more than 25% of the applicable fare.

Revenue Passenger Kilometers – a measure of passengers sales volume which can be obtained by multiplying the number of revenue passengers carried on a flight by the distance traveled by each passenger.

Scheduled Kilometers - the sum of the direct airport to airport distances of all flights scheduled to be performed during the period over certified 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.

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 trainings 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 kilometers of freight carried on a given sector or service.

Total Revenue Kilometers Flown – the sum of direct airport-to-airport distance of all revenue flights performed during the period. Scheduled flights, extra section, charter flights and relief 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 flight. Revenue loads carried on a charter flights are not considered.

VITAL, HEALTH AND NUTRITION

Age-Specific Fertility Rate (ASFR) – the number of births to women of a given age group per 1,000 women in that age group. It is calculated by dividing the number of births born to women of a particular age group by the female population in that age group multiplied by 1,000.

Child Mortality Rate (CMR) - the annual number of deaths among children 1 through-4 years of age per 1,000 lchildren aged 1-4 years.

Crude Death Rate (CDR) - annual number of deaths per 1,000 population in a given year.

Fertility – the actual reproductive performance of an individual, a couple, a group, or a population.

Fertility Rate (General Fertility Rate) – the number of live births per 1,000 women aged 15-49 years in a given year.

Foetal Death Rate (FDR) - measures pregnancy wastage. Death of the product of conception occurs prior to its complete expulsion, irrespective of duration of pregnancy.

Infant Mortality Rate (IMR) - the number of deaths of infants under one year of age per 1,000 live births.

Life Expectancy – represents the average remaining number of years for a person who survives at the beginning of a given age interval. Most commonly cited as life expectancy at birth.

Life Expectancy at Birth - the average number of years a person is expected to live from the time of his/her birth.

Maternal Death - the death of woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy or its management, but not from accidental or incidental causes.

Maternal Mortality Rate (MMR) - the number of deaths to women due to pregnancy and childbirth complications per 100,000 livebirths in a given year.

Morbidity - any departure, subjective or objective, from a stage of physiological well-being.

Population Growth Rate – the rate at which a population is increasing (or decreasing) in a given year due to natural increase and net migration, expressed as a percentage of the base population.

Total Fertility Rate –the average number of children that would be born alive to a woman (or group of women) during her lifetime if she were to pass through her childbearing years conforming to the age-specific fertility rates of a given year.

Under Five Mortality Rate (U5MR) - the annual number of deaths of children under five years of age per 1,000 children aged 0-4 years.

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