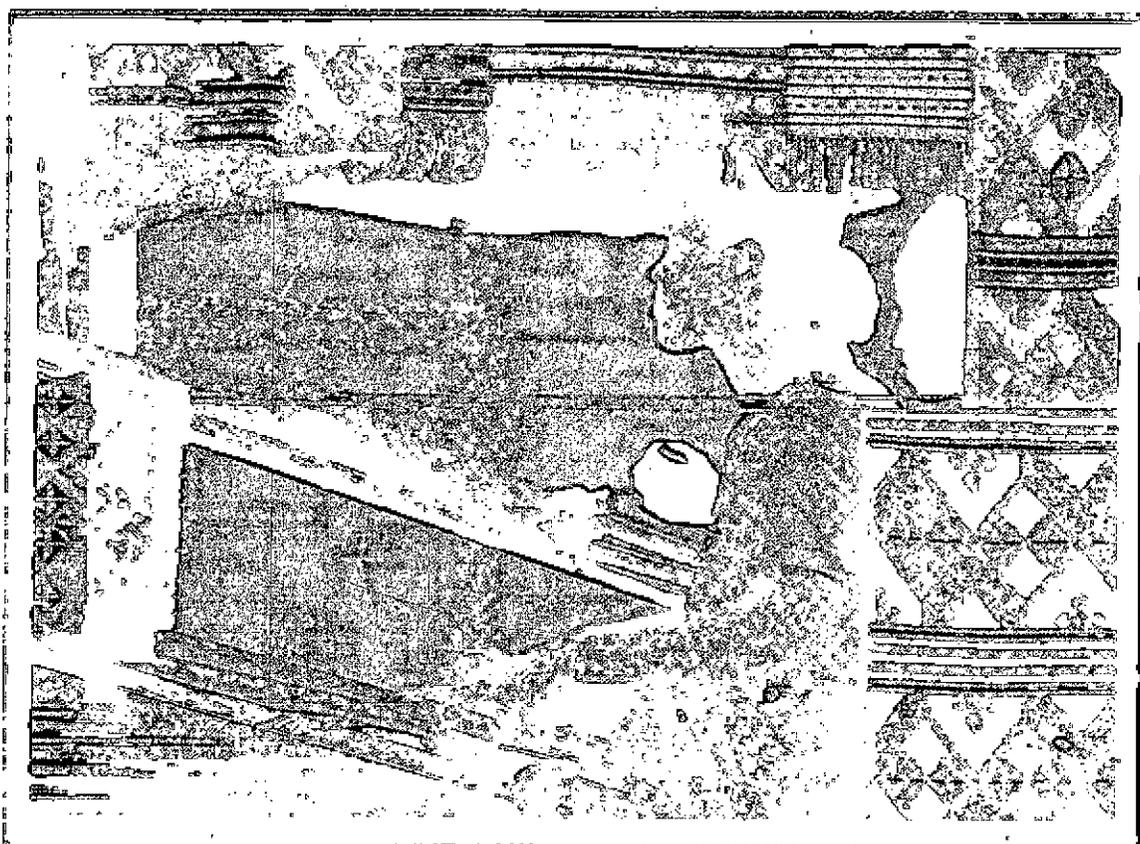


# 1993

# Philippine

# Statistical Yearbook



NATIONAL STATISTICAL COORDINATION BOARD



# REGIONAL DELINEATION

NATIONAL CAPITAL REGION - METROPOLITAN MANILA

CORDILLERA ADMINISTRATIVE REGION

AUTONOMOUS REGION FOR MUSLIM MINDANAO

REGION NO. 1 - ILOCOS REGION

REGION NO. 2 - CAGAYAN VALLEY REGION

REGION NO. 3 - CENTRAL LUZON REGION

REGION NO. 4 - SOUTHERN TAGALOG REGION

REGION NO. 5 - BICOL REGION

REGION NO. 6 - WESTERN VISAYAS REGION

REGION NO. 7 - CENTRAL VISAYAS REGION

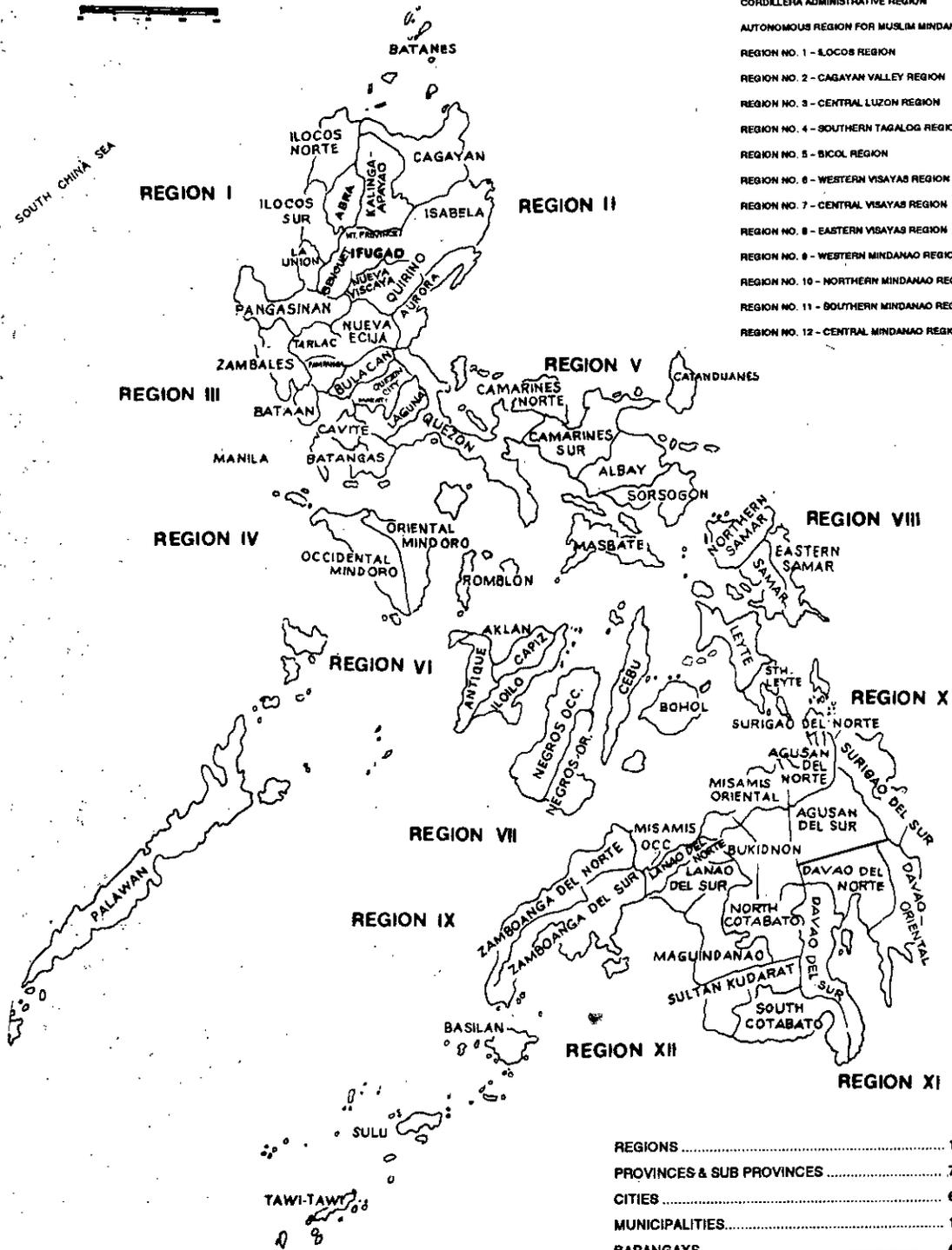
REGION NO. 8 - EASTERN VISAYAS REGION

REGION NO. 9 - WESTERN MINDANAO REGION

REGION NO. 10 - NORTHERN MINDANAO REGION

REGION NO. 11 - SOUTHERN MINDANAO REGION

REGION NO. 12 - CENTRAL MINDANAO REGION



REGIONS .....	15
PROVINCES & SUB PROVINCES .....	75
CITIES .....	60
MUNICIPALITIES .....	1,551
BARANGAYS .....	41,493

**1993**  
**Philippine**  
**Statistical Yearbook**



**NATIONAL STATISTICAL COORDINATION BOARD**

**Direct inquiries to:**

The Secretary General  
National Statistical Coordination Board  
2nd/5th Flrs. Midland Buendia Building  
403 Sen. Gil J. Puyat Avenue Extension  
Makati, Metro Manila  
Philippines 1200

**Telephone numbers**

85-17-78	86-24-69
85-17-87	86-86-84

**Fax number**

(632) 816-6941

## FOREWORD

The National Statistical Coordination Board's (NSCB) *Philippine Statistical Yearbook* (PSY) is a comprehensive summary of statistical information compiled from data produced by various government agencies, international organizations, non-governmental organizations, and from data available in different statistical publications.

The data appearing in this 1993 edition of the PSY include the more recent statistics available, and are presented on the national level with subnational breakdown for some selected statistics.

With this publication, the NSCB fulfills in part its function of providing information to planners, decision-makers, researchers, and other users to guide them in the formulation of plans, programs, and policies for the upliftment and empowerment of our people. The PSY also presents official data that are available from the Philippine Statistical System, which in the process, will point to gaps and limitations that have yet to be addressed by data producers and users alike.

We take this opportunity to thank the different source agencies for their cooperation in making the data available for this publication.



ROMULO A. VIROLA  
Secretary General

October 1993

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## LIST OF DATA SOURCES

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1989 United Nations Statistical Yearbook  
1993 Asian Development Outlook,  
Asian Development Bank  
Air Transport Office, Department  
of Transportation and Communication (DOTC)  
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 Medical Services, DOH  
Bureau of Trade and Consumer Protection,  
Department of Trade & Industry (DTI)  
Bureau of Treasury, Department of Finance  
Central Bank of the Philippines  
Cooperative Development Authority  
Commission on Audit  
Dangerous Drug Board  
Department of Agrarian Reform  
Department of Education, Culture and Sports  
Department of Public Works and Highways  
Department of Social Welfare and Development  
Fertilizer and Pesticide Authority  
Food and Nutrition Research Institute  
Forest Management Bureau, Department  
of Environment and Natural Resources (DENR)  
Government Service Insurance System  
Land Transportation Office, DOTC  
Local Water Utilities Administration  
Metro Transit Organization Incorporated  
Mines and Geo-Sciences Bureau, DENR  
National Conciliation and Mediation Board  
National Disaster Coordinating Council  
National Economic and Development Authority  
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  
Office of Energy Affairs  
Office of the Court Administrator, Supreme  
Court of the Philippines (SCP)  
Philippine Airlines  
Philippine Atmospheric, Geophysical  
& Astronomical Services Administration  
Philippine Coast Guard  
Philippine National Police  
Philippine National Railways  
Philippine Overseas and Employment  
Administration  
Philippine Ports Authority  
Planning Office, DENR  
Postal Service Office  
Public Attorney's Office, SCP  
Pulp & Paper Manufacturers Association  
Securities and Exchange Commission  
Social Security System  
Tourism Research and Statistics Division,  
Department of Tourism

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***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. * (asterisk)	Less than half the unit employed
10. - (dash)	Nil or zero
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	
<b>Chapter 1. POPULATION AND HOUSING STATISTICS</b>					
1. Population (1,000 persons)	May 1, 1990	60,703.2	May 1, 1980	48,098.4	26.2
2. Sex distribution					
Both sexes (1,000 persons)	May 1, 1990	60,559.1	May 1, 1980	48,098.4	25.9
Male (percent)		50.3		50.2	
Female (percent)		49.7		49.8	
3. Regional distribution					
Philippines (1,000 persons)	May 1, 1990	60,703	May 1, 1980	48,098	26.2
Metropolitan Manila Area (National Capital Region)		7,928		5,926	33.8
CAR		1,146		914	25.4
Region 1		3,551		2,923	21.5
Region 2		2,341		1,919	22.0
Region 3		6,199		4,803	29.1
Region 4		8,264		6,119	35.1
Region 5		3,910		3,477	12.5
Region 6		5,392		4,526	19.1
Region 7		4,593		3,787	21.3
Region 8		3,055		2,800	9.1
Region 9		3,158		2,529	24.9
Region 10		3,510		2,759	27.2
Region 11		4,459		3,347	33.2
Region 12		3,171		2,271	39.6
4. Total City population (1,000 persons)	May 1, 1990	13,000	May 1, 1980	10,182	27.7
Ten most populous cities		7,238		4,319	67.6
Quezon		1,667		1,166	43.0
Manila		1,599		1,630	(1.9)
Davao		850		610	39.3
Caloocan		761		468	62.6
Cebu		610		490	24.5
Zamboanga		442		344	28.5
Pasay		367		288	27.4
Bacolod		364		262	38.9
Cagayan de Oro		340		227	49.8
Iloilo		310		245	26.5

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

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

**Chapter 2. INCOME AND PRICES**

**1. Average family income (pesos)**

Philippines	1988	40,408	1985	31,052	30.1
Urban		60,330		46,127	30.8
Metropolitan Manila Area		79,314		57,193	38.7
Rural		28,284		21,875	29.3

**2. Consumer price index for all items (1988=100)**

	June 1993		June 1992	
Philippines		176.3		165.4    6.6
Metropolitan Manila Area (National Capital Region)		189.1		173.3    9.1
Areas Outside Metropolitan Manila		172.2		162.9    5.7
CAR		169.9		158.1    7.5
Region 1		175.0		159.7    9.6
Region 2		173.5		162.9    6.5
Region 3		168.4		160.7    4.8
Region 4		172.9		164.8    4.9
Region 5		174.6		164.0    6.5
Region 6		178.9		166.6    7.4
Region 7		185.4		176.3    5.2
Region 8		170.6		161.0    6.0
Region 9		173.8		162.7    6.8
Region 10		166.8		160.2    4.1
Region 11		156.9		151.7    3.4
Region 12		175.8		165.6    6.2

**Chapter 3. ECONOMIC ACCOUNTS**

**1. Gross national product (million pesos)**

	1992		1991	
At current prices		1,370,379		1,262,358    8.6
At constant 1985 prices		727,460		722,330    0.7

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Gross domestic product by industrial origin (million pesos at 1985 prices)	1992	710,356	1991	712,316	(0.3)
Agriculture, fishery and forestry		159,895		160,465	(0.4)
Mining and quarrying		11,495		10,770	6.7
Manufacturing		180,061		183,111	(1.7)
Construction		36,254		35,285	2.7
Electricity, gas, and water		20,379		19,552	4.2
Transport, communication and storage		41,997		41,291	1.7
Trade		104,439		105,920	(1.4)
Finance		29,217		29,114	0.4
Ownership of Dwellings & Real Estates		40,534		40,242	0.7
Private Services		49,511		49,273	0.5
Government Services		36,574		37,293	(1.9)
3. Expenditures on gross domestic product at 1985 prices (million pesos)	1992	710,396	1991	712,316	(0.3)
Personal consumption expenditures		561,319		543,637	3.3
General government expenditures		54,968		57,432	(4.3)
Gross domestic capital formation		159,930		146,378	9.3
Construction		66,064		63,511	4.0
Durable equipment		80,042		69,922	14.5
Breeding stocks and orchard development		11,362		11,248	
Increase in stocks		2,462		1,697	45.1
Exports		237,218		234,311	1.2
(Less) imports		298,485		263,782	13.2
4. Per capita private (personal) consumption expenditure (million p	1992		1991		
At current prices		15,848		14,576	8.7
At constant 1985 prices		8,736		8,647	1.0
<b>Chapter 4. NATURAL RESOURCES</b>					
1. Classified and unclassified land area (in hectares)	1991		1990		
Alienable and disposable		14,117,729		14,117,729	0.0
Forest Land		15,882,271		15,882,271	0.0

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Area reforested annually (in hectares)	1992 P	40,592	1991	93,039	(56.4)
3. Forest Destruction (in hectares)	1992 P	12,806	1991	7,233	77.0
4. Production of logs, lumber, plywood and veneer (1,000 m)	1992 P		1991		
Logs		1,431		1,922	(25.5)
Lumber		452		726	(37.7)
Plywood		256		321	(20.2)
Veneer		54		54	0.0
5. Metallic ore reserves (1,000 tonnes)	1991	3,610,723	1990	3,100,573	16.5
<b>Chapter 5. AGRICULTURE</b>					
1. Production of agricultural crops (1,000 m.t.)	Crop year 1992 P	63,488	Crop year 1991	64,109	(1.0)
Cereals		13,688		14,328	(4.5)
Palay		9,129		9,673	(5.6)
Corn		4,559		4,655	(2.1)
Major crops		41,053		41,091	(0.1)
Coconut		11,405		11,291	1.0
Sugarcane		21,511		21,825	(1.4)
Banana		3,059		2,951	3.7
Pineapple		1,135		1,117	1.6
Coffee		133		128	4.2
Other major crops		3,810		3,799	0.3
Other crops		8,748		8,690	0.7
2. Value of production of agricultural crops (million P)	Crop year 1992 P	169,751	Crop year 1991	164,041	3.5
Cereals		64,422		60,994	5.6
Palay		43,271		43,724	(1.0)
Corn		21,152		17,270	22.5
Major crops		76,300		72,543	5.2
Coconut		22,012		18,969	16.0
Sugarcane		13,552		14,622	(7.3)
Banana		10,677		9,709	10.0

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Pineapple		5,063		4,692	7.9
Coffee		2,655		3,158	(15.9)
Other major crops		22,341		30,968	(27.9)
Other crops		29,029		30,505	(4.8)
3. Fish production (1,000 m.t.)	1992	2,625.6	1991	2,599.0	1.0
Commercial fishing		804.9		759.8	5.9
Aquaculture		736.4		692.4	6.4
Municipal fishing		1,084.3		1,146.8	(5.4)
4. Value of fishing production (million pesos)	1992	104,900.5	1991	52,621.8	99.3
Commercial fishing		65,443.5		15,244.6	329.3
Aquaculture		22,656.4		22,132.6	2.4
Municipal fishing		16,800.6		15,244.6	10.2

**Chapter 6. ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTOR**

1. Gross value of output of manufacturing establishments (million pesos)	1989	463,055	1988	415,780	11.4
Food		99,922		83,367	19.9
Beverages		31,392		25,189	24.6
Tobacco		17,123		16,194	
Textiles		24,455		19,556	25.1
Footwear & wearing apparel		25,684		15,854	62.0
Wood and cork		11,190		10,936	2.3
Furniture and fixtures		4,272		3,867	10.5
Paper		11,578		10,247	13.0
Printing		5,580		4,166	
Leather		788		531	48.4
Rubber Products		7,829		8,428	(7.1)
Chemicals		53,419		44,993	18.7
Petroleum and coal		43,003		44,994	(4.4)
Other non-metallic mineral		2,849		1,990	43.2
Basic metal		37,093		31,699	17.0
Metal products		7,994		5,965	34.0

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Machinery except electrical		4,819		3,318	45.2
Electrical machinery		32,798		25,628	28.0
Transport equipment		18,170		8,895	104.3
Miscellaneous		3,365		2,630	27.9
2. Value of mining production (million pesos)	1992 P	20,669	1991	24,065	(14.1)
Metallics		13,231		17,064	(22.5)
Non-Metallics		7,438		7,001	6.2
3. Value of private building construction (million pesos)	1992	31,220	1991	23,859.0	30.9
Metropolitan Manila Area (National Capital Region)		14,348		11,844.0	21.1
Rest of the Regions		16,872		12,014.0	40.4
4. Number of newly registered corporations and partnerships	1992		1991		
Corporations		9,447		9,021	4.7
Partnerships		1,791		1,756	2.0
Single Proprietorships		93,991		100,806	(6.8)
5. Capital increases & withdrawals of corporations & partnerships (million pesos)	1992		1991		
Increases		31,717.0		25,169.9	26.0
Withdrawals		2,583.2		3,527.8	(26.8)
Net effect		29,133.8		21,642.1	34.6
6. Amount of investments approved under E.O. 226 (million pesos)	1992	27,752.7	1991	43,560.7	(36.3)
Local		20,502.3		22,171.4	(7.5)
Foreign		7,250.4		21,389.3	(66.1)

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

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

**Chapter 7. FOREIGN TRADE, BALANCE OF PAYMENTS**

1. Direction of external trade

(million US dollars)

1992

1991

Exports	9,824.3	8,839.5	11.1
Imports	14,518.9	12,051.4	20.5
Balance of trade (all countries)	(4,694.6)	(3,211.9)	46.2

2. Total exports (million US \$)

1992

9,824

1991

8,840

11.1

Ten principal exports

1,256

1,065

17.9

Copra	11	18	(38.9)
Sugar	87	146	(40.4)
Banana	158	173	(8.7)
Logs and lumber	12	12	0.0
Desiccated coconut	88	66	33.3
Coconut oil	481	299	60.9
Pineapples, canned	96	95	1.1
Gold	162	64	153.1
Abaca (unmanufactured)	21	17	23.5
Copper concentrates	140	174	(19.5)

3. Balance of payments (million US \$)

Overall surplus (deficit)

1992

445

1991

1,405

(68.3)

**Chapter 8. TOURISM**

1. Number of visitor arrivals

1992

1,152,952

1991

951,365

21.2

2. Total tourist receipts (thousand \$)

1992

842,000

1991

571,000

47.5

**Chapter 9. VITAL, HEALTH AND NUTRITION STATISTICS**

1. Crude birth and death rates  
(per 1,000 population)

1990

1989

Birth rate	26.3	26.0	1.2
Death rate	5.1	5.4	(5.6)

2. Number of registered marriages

1991

406,666

1990

422,041

(3.6)

3. Number of registered live births

1990

1,631,069

1989

1,565,254

4.2

4. Number of registered deaths

1990

313,890

1989

325,621

(3.6)

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
5. Daily per capita available food supply (grams/day)	1990		1989		
Cereals and cereal products		387.0		370.4	4.5
Roots and tubers		65.3		70.2	(7.0)
Sugar and syrup		61.7		34.3	79.9
Pulses and nuts		29.2		24.2	20.7
Vegetables		84.4		91.7	(8.0)
Fruits		171.8		188.3	(8.8)
Meat products		72.6		69.1	5.1
Milk and milk products		7.3		12.3	(40.7)
Eggs		8.1		8.0	1.2
Fish and other marine products		105.2		101.0	4.2
Fats and oil		14.8		14.8	0.0
Miscellaneous food		91.5		92.4	(1.0)
6. Calorie and nutrient values of available food supply	1991		1990		
Calorie (per day)		2,367		2,615	(9.5)
Protein (grams/day)		63		72	(12.5)
Fats (grams/day)		40		48	(16.7)
7. Bed capacity of government and private hospitals	1992	83,330	1991	81,647	2.1
8. Number of hospitals	1992	1,696	1991	1,663	2.0
9. Number of government medical practitioners	1992	35,913	1991	31,376	14.5
10. Number of health stations	1992		1991		
Barangay		11,423		10,683	6.9
Rural		2,385		2,299	3.7
<b>Chapter 10. EDUCATION</b>					
1. Number of government and private schools					
Elementary	SY 1992-93	34,570	SY 1991-92	34,081	1.4
Secondary	SY 1992-93	5,701	SY 1991-92	5,550	2.7
Tertiary	SY 1992-93	2,152	SY 1991-92	2,071	3.9

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<b>2. Enrolment in government and private schools (in thousand)</b>					
Elementary	SY 1992-93	10,678.9	SY 1991-92	10,558.1	1.1
Secondary	SY 1992-93	4,422.7		4,208.2	5.1
Tertiary	SY 1992-93	1,441.0		1,425.6	1.1
<b>3. Number of graduates</b>					
Tertiary	SY 1990-91	221,047	SY 1989-90	249,488	(11.4)
Non-formal (LSD)	1990	225,391	1989	269,011	(16.2)
<b>4. Number of examinees who passed the board/bar exams</b>					
	1992 P	19,928	1991	42,571	(53.2)
<b>Chapter 11. LABOR AND EMPLOYMENT</b>					
<b>1. Total labor force (1,000 persons)</b>					
	1992	47,901	1991	39,114	22.5
Employed		43,782		35,594	23.0
Unemployed		4,119		3,520	17.0
<b>2. Labor force participation rate (percent)</b>					
Philippines	1992	56.2	1991	64.5	(12.9)
National Capital Region		53.3		61.6	(13.5)
CAR		60.4		69.2	(12.7)
Region 1		52.8		62.5	(15.5)
Region 2		61.2		67.0	(8.7)
Region 3		52.6		62.7	(16.1)
Region 4		54.8		63.5	(13.7)
Region 5		59.2		68.2	(13.2)
Region 6		57.1		65.0	(12.2)
Region 7		57.4		65.3	(12.1)
Region 8		58.3		68.7	(15.1)
Region 9		53.0		58.0	(8.6)
Region 10		60.4		68.3	(11.6)
Region 11		59.5		66.1	(10.0)
Region 12		63.5		67.0	(5.2)

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Processed overseas contract worker	1992	723,594	1991	701,762	3.1
Land-based		564,947		554,476	1.9
Sea-based		158,647		147,286	7.7
4. Deployed overseas workers	1992	686,457	1991	615,019	11.6
Land-based		549,651		489,260	12.3
Sea-based		136,806		125,759	8.8
5. Number of strike notices filed	1992	1,209	1991	1,345	(10.1)
<b>Chapter 12. SOCIAL SERVICES</b>					
1. Benefits paid by the Government Service Insurance System (million pesos)	1992	6,239.3	1991	5,307.4	17.6
2. Benefits paid by the Social Security System (million pesos)	1992	8,805.6	1991	6,664.5	32.1
3. Number of disaster coordinating councils	1992	1,580.0	1991	2,180	(27.5)
<b>Chapter 13. TRANSPORTATION AND COMMUNICATION</b>					
1. Rail transport	1992		1991		
Passengers carried (thousand)		466.8		654.9	(28.7)
Freight tonnes loaded (1,000 mt)		4.9		11.6	(57.8)
Express tonnes loaded (1,000 mt)		8.6		10.3	(16.5)
2. Total number of registered motor vehicles	1992	1,879,563	1990	1,715,364	9.6
Private		1,525,086		1,384,146	10.2
For hire		307,887		280,254	9.9
Government		43,363		44,759	(3.1)
Diplomatic		3,227		6,205	(48.0)

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Total number of newly-registered motor vehicles	1992	230,276	1991	182,826	26.0
Cars		39,636		32,130	23.4
Utility vehicles		88,683		71,969	23.2
Trucks		15,207		12,646	20.3
Buses		2,586		1,877	37.8
Motorcycles/Tricycles		81,614		61,820	32.0
Trailers		2,550		2,384	7.0
4. Flights and passengers carried by international carriers	1992		1991		
Passengers carried, total		5,235,607		4,529,449	15.6
Arrivals		2,519,014		2,116,954	19.0
Departures		2,716,593		2,412,495	12.6
Flights, total		25,828		25,243	2.3
5. Number of registered airports	1992	143	1991	162	(11.7)
National		82		84	(2.4)
Private		61		78	(21.8)
6. Total Kilometers of road	1992	161,694.95	1991	160,632.76	0.7
National		26,554.43		26,344.67	0.8
Local		135,140.52		134,288.09	0.6
7. Number of Bridges	1992	11,392	1991	11,297	0.8
National government		7,031		6,936	1.4
Local government		4,361		4,361	0.0
8. Length of bridges (linear meters)	1992	328,855.71	1991	323,164.43	1.8
National government		250,191.15		244,499.87	2.3
Local government		78,664.56		78,664.56	0.0
9. International shipping movements at Port of Manila	1992 p		1991		
Number of vessels entered		2,219		2,688	(17.4)
Number of vessels cleared		1,969		2,679	(26.5)

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
11. Number of operational ports	1992	425	1991	429	(0.9)
12. Number of licensed radio stations	1991	82,592	1990	55,967	25.2
13. Total telephone capacity	1991	887,229	1990	788,894	12.5
14. Volume of mail handled (1,000 pieces)	1992	1,156,757	1991	980,570	18.0
Received from Foreign Countries		198,005		175,715	12.7
Posted mails		958,752		804,855	19.1
<b>Chapter 14. ENERGY AND WATER RESOURCES</b>					
1. Electric consumption by source (MBFOE)	1992 P	132.5	1991	122.5	8.2
Indigenous energy		37.4		40.6	(7.9)
Imported energy		95.1		81.9	16.1
2. Electric Energy Consumption (gigawatt hours)	1992	25,682	1991	25,649	0.1
3. Petroleum products consumption (thousand barrels)	1992	101,807	1991	82,827	22.9
4. Power generation	1992	25,682	1991	25,654	0.1
<b>Chapter 15. PUBLIC FINANCE</b>					
1. National Government Revenue (million pesos)	1992	255,675.0	1991	225,642.0	13.3
Tax Revenues		208,703		182,831	14.2
Taxes on income and profits		70,120		61,053	14.9
Taxes on property		248		189	31.2
Taxes on goods and services		55,424		51,155	8.3
Taxes on international trade and transactions		73,568		65,521	12.3
Other taxes		9,343		4,913	90.2
Non tax revenue		46,972		42,811	9.7

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<b>2. Sectoral Allocation of Expenditures</b> (billion pesos)	<b>1993</b>	<b>330.2</b>	<b>1992</b>	<b>328.1</b>	<b>0.6</b>
Economic services		70.4		67.7	4.0
Social services		66.9		74.0	(9.6)
Defense		28.7		26.3	9.1
General public service		35.6		32.8	8.5
Debt Service Fund		126.5		119.3	6.0
<b>3. Internal debt outstanding by</b> level of government (million P)	<b>1992</b>	<b>253,808.7</b>	<b>1991</b>	<b>340,800.8</b>	<b>(25.5)</b>
National government		243,289.7		286,590.3	(15.1)
Local government		-		-	
Government corporations		6,490.7		6,701.0	(3.1)
Monetary institutions		4,028.3		47,509.5	(91.5)
<b>4. Internal debt outstanding by</b> period of maturity (million P)	<b>1992</b>	<b>521,220.0</b>	<b>1991</b>	<b>340,800.8</b>	<b>52.9</b>
Long term		18,646.0		22,472.8	(17.0)
Medium term		93,180.0		56,164.4	65.9
Short term		409,394.0		262,163.6	56.2
<b>Chapter 16. MONEY ANB BANKING</b>					
<b>1. Money supply (million pesos)</b>	<b>1992</b>	<b>112,092</b>	<b>1991</b>	<b>101,374</b>	<b>10.6</b>
<b>2. Loans and investments outstanding</b> (million pesos)	<b>1992</b>	<b>320,805.3</b>	<b>1991</b>	<b>254,256.6</b>	<b>26.2</b>
Commercial banks		277,275.0		231,958.0	19.5
Rural banks		12,671.1		10,744.1	17.9
Development banks		10,721.8		7,399.7	44.9
Savings banks		20,137.4		4,154.8	384.7
<b>3. Total assets and liabilities of</b> Central Bank (million pesos)	<b>1992</b>		<b>1991</b>		
Total assets		586,297.9		529,161.0	10.8
Total liabilities		583,711.9		527,058.0	10.7

**SUMMARY OF MAJOR STATISTICAL SERIES (continued)**

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<b>4. Total assets and liabilities of commercial banks (million pesos)</b>	<b>1992</b>		<b>1991</b>		
Total assets		691,100.0		599,122.0	15.4
Total liabilities		600,138.0		516,780.0	16.1
<b>5. Total assets and liabilities of development banks (million pesos)</b>	<b>1992</b>		<b>1991</b>		
Total assets		17,023.8		12,253.5	38.9
Total liabilities		14,105.8		10,326.7	36.6
<b>Chapter 17. PUBLIC ORDER, SAFETY AND JUSTICE</b>					
<b>1. Total Crime Rate</b>	<b>1991</b>		<b>1990</b>		
Philippines		192.0		226.7	(15.3)
Metro Manila		250.2		266.0	(5.9)
Outside Metro Manila		184.4		220.9	(16.5)
<b>2. Traffic Accidents Incidence</b>	<b>1991 P</b>	10,147	<b>1990</b>	53,723	(81.1)
<b>3. Fire Incidence</b>	<b>1991</b>	8,062	<b>1990</b>	7,309	10.3
<b>4. Number of Policemen</b>	<b>1991</b>	89,296	<b>1990</b>	55,072	62.1
<b>5. Number of Firemen</b>	<b>1991</b>	9,368	<b>1990</b>	9,015	3.9
<b>6. Inflow &amp; Outflow of Cases</b>	<b>1992</b>		<b>1991</b>		
Inflow		393,280		360,556	9.1
Outflow		362,231		381,621	(5.1)
Pending		292,094		271,845	7.4
<b>Chapter 18. SCIENCE AND TECHNOLOGY</b>					
<b>1. Number of Technologies Commercialized by the DOST</b>	<b>1992</b>	100	<b>1991</b>	75	33.3
<b>2. Number of R&amp;D Projects completed by the DOST</b>	<b>1992</b>	215	<b>1991</b>	391	(45.0)
<b>3. Number of Scholarships awarded by DOST</b>					
New	<b>1992</b>	738	<b>1991</b>	753	
On-going		1,929		2,423	
Graduated		491		459	

# 1 POPULATION AND HOUSING

Chapter 1 presents the various demographic 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 results of the 1990 population count by region and province are presented in this chapter. Also included are tables on the population count of the country's 61 cities, the urban-rural distribution of the population by age group and sex for 1980, as well as tables on the number of occupied dwelling units by structural characteristics.

This chapter also provides population estimates for the country, by sex and by region for the period 1990 to 2030 at medium assumption. The estimates were based on the revised population projections prepared by the NSO in collaboration with the Inter-Agency Committee on Population and Housing Statistics.

Internal migration in the different regions of the Philippines during the period 1975-1980 is likewise presented in this issue. The geographical patterns of movement of people provide planners, policy makers and researchers with a basis for formulating policies and plans towards developing a scheme of internal migration and spatial distribution of population among regions that will promote a well-balanced national development. Migration to other countries, by country of destination, by age and by sex have likewise been compiled for this issue.

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Figure 1.1 Population by Region: 1990

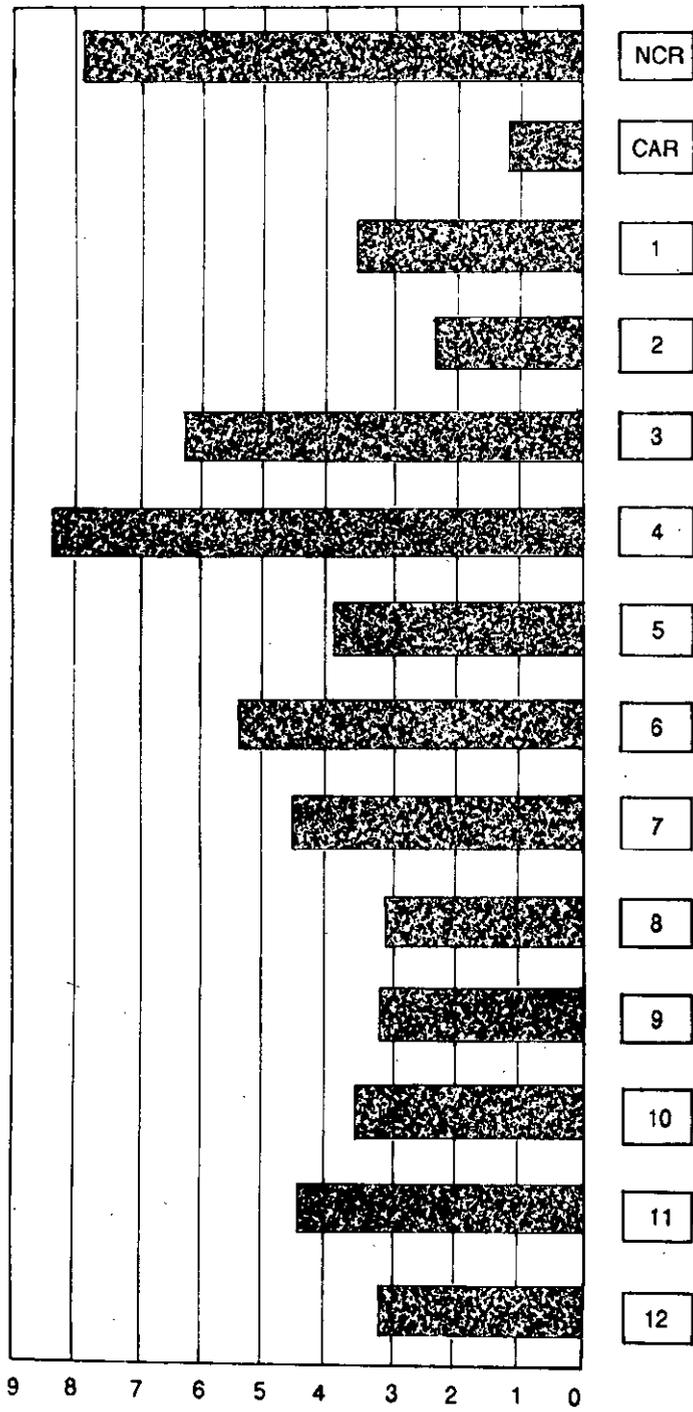
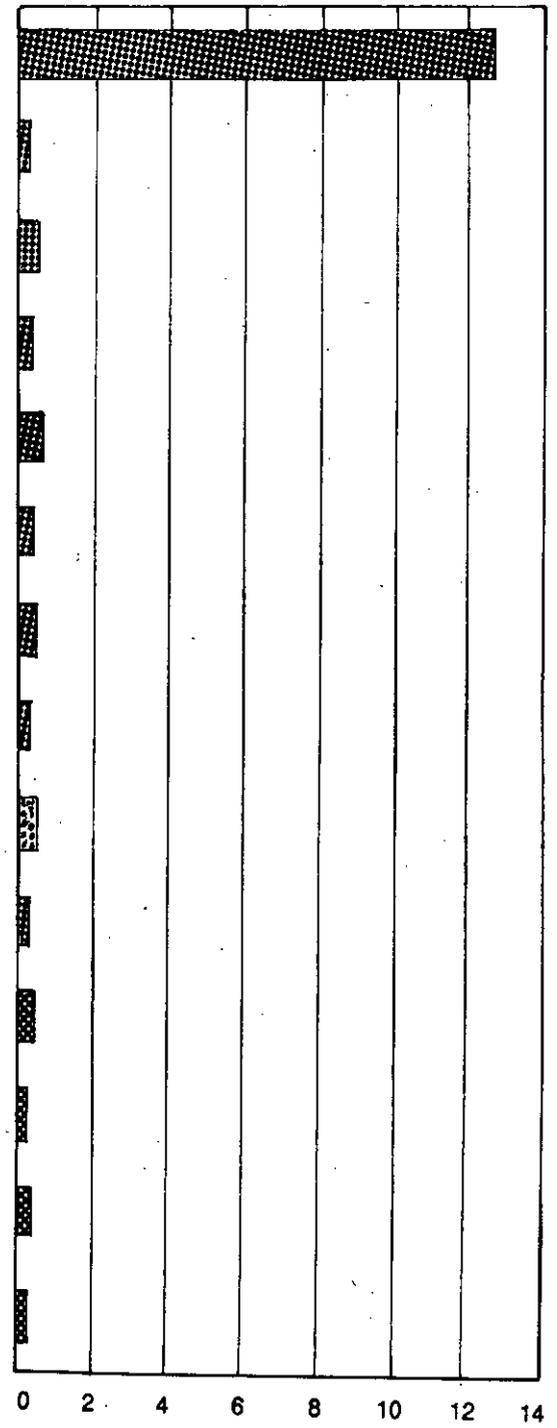


Figure 1.2 Population Density by Region: 1990



( in thousand )

**Table 1.1**  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1939 to 1990**

Region and province	Population (thousands)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Philippines	60,703	48,098	42,071	36,684	27,088	19,234	16,000
Metropolitan Manila Area (NCR)	7,928	5,926	4,970	3,967	2,462	1,569	994
Manila	1,599	1,630	1,479	1,331	1,139	984	623
Caloocan City	761	468	397	274	145	55	39
Pasay City	367	288	255	206	133	89	55
Quezon City	1,667	1,166	957	754	398	111	39
Las Pinas	297	136	82	46	16	9	7
Makati	453	373	334	265	115	41	34
Malabon	278	191	175	142	76	46	33
Mandaluyong	245	205	182	149	72	26	18
Marikina	310	212	168	113	40	24	15
Muntinlupa	277	137	95	65	22	19	9
Navotas	187	126	97	83	49	29	21
Paranaque	308	209	159	97	62	29	21
Pasig	397	269	210	156	62	35	28
Pateros	51	40	33	25	13	8	7
San Juan del Monte	127	130	122	105	57	32	19
Taguig	266	134	74	55	22	15	12
Valenzuela	340	212	151	98	41	17	13
CAR	1,146	914	811	731	552	365	385
Abra	185	160	147	146	115	87	88
Benguet	486	355	302	264	184	110	122
Ifugao	147	111	105	92	77	50	69
Kalinga Apayao	212	185	163	136	90	56	47
Mt. Province	117	103	94	93	86	62	59
Region 1	3,551	2,923	2,726	2,488	2,043	1,686	1,459
Ilocos Norte	462	391	372	343	287	251	238
Ilocos Sur	520	444	420	385	338	276	272
La Union	549	453	415	374	293	237	208
Pangasinan	2,020	1,636	1,520	1,386	1,124	921	742
Region 2	2,341	1,919	1,665	1,464	1,036	669	601
Batanes	15	12	12	11	10	11	10
Cagayan	830	711	644	581	445	311	292
Isabela	1,080	871	730	649	442	264	220
Nueva Vizcaya	301	242	213	173	114	80	75
Quirino	114	83	66	50	24	3	4

Notes: 1. From 1918 to 1975, Aurora is included in Quezon and Quirino is included in Nueva Vizcaya.  
2. Details may not add up to totals due to rounding.

Source: National Statistics Office.

Table 1.1 (continued)

Land area (sq km)	Density (persons/sq km)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
300,000	202.3	160.3	140.2	122.3	90.3	64.1	53.3
636.0	12,465.4	9,317.4	7,814.5	6,236.9	3,871.8	2,467.0	1,561.3
38.3	41,749.3	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5	16,279.2
55.8	13,638.0	8,383.8	7,118.3	4,918.5	2,607.9	980.8	695.7
13.9	26,402.9	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3	3,968.4
166.2	10,030.1	7,014.8	5,757.3	4,539.4	2,394.6	668.9	234.7
41.5	7,156.6	3,289.5	1,966.5	1,102.0	387.8	223.6	164.4
29.9	15,150.5	12,462.6	11,185.6	8,860.1	3,830.8	1,382.4	1,121.4
23.4	11,880.3	8,162.4	7,473.4	6,047.6	3,266.6	1,985.3	1,422.4
26.0	9,423.1	7,898.7	7,010.3	5,746.4	2,754.6	1,011.9	700.0
38.9	7,969.2	5,439.9	4,330.4	2,915.2	1,040.0	600.3	389.9
46.7	5,931.5	2,926.7	2,024.9	1,393.1	468.8	394.9	198.9
2.6	71,923.1	48,517.7	37,345.4	32,017.3	18,946.9	11,111.2	8,023.5
38.3	8,041.8	5,445.2	4,150.7	2,538.2	1,616.1	754.2	551.6
13.0	30,538.5	20,659.2	16,147.3	12,037.8	4,779.2	2,723.6	2,118.5
10.4	4,903.8	3,873.8	3,155.9	2,448.8	1,266.6	805.8	688.5
10.4	12,211.5	12,508.5	11,778.1	10,053.8	5,467.4	3,028.2	1,814.4
33.7	7,893.2	3,980.3	2,187.0	1,693.7	648.5	455.2	358.7
47.0	7,234.0	4,518.4	3,204.4	2,094.8	882.4	356.2	286.6
18,293.6	62.6	50.0	44.3	40.0	30.2	20.0	21.0
3,975.5	46.5	40.3	37.0	36.6	29.0	21.8	22.1
2,655.4	183.0	113.6	113.8	99.3	69.2	41.4	45.9
2,517.8	58.4	44.2	41.6	36.7	30.5	19.8	27.0
7,047.6	30.1	26.3	23.2	19.3	12.7	8.0	6.7
2,097.3	55.8	49.1	44.9	44.4	40.9	29.6	28.1
12,840.2	276.6	227.6	212.3	193.8	159.1	131.3	113.6
3,399.3	135.9	114.9	109.4	101.0	84.5	74.0	70.0
2,579.6	201.6	172.0	162.7	149.3	131.1	107.1	105.4
1,493.1	367.7	303.1	277.7	250.3	196.5	159.0	139.3
5,368.2	376.3	304.8	283.2	258.2	209.4	171.5	138.2
26,837.6	87.2	71.5	62.0	54.6	38.6	24.9	22.4
209.3	57.8	57.8	56.7	54.5	49.3	51.1	43.0
9,002.7	79.0	79.0	71.5	64.6	49.5	34.6	32.4
10,664.5	81.6	81.6	68.5	60.8	41.5	24.8	20.6
6,961.1	46.7	46.7	40.1	31.9	19.8	11.9	11.2

*Table 1.1 (continued)*  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1939 to 1990**

Region and province	Population (thousands)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
<b>Region 3</b>	<b>6,199</b>	<b>4,803</b>	<b>4,210</b>	<b>3,615</b>	<b>2,525</b>	<b>1,838</b>	<b>1,568</b>
Bataan	426	323	263	216	145	93	86
Bulacan 1/	1,505	1,096	900	738	514	395	319
Nueva Ecija	1,313	1,069	948	851	608	468	417
Pampanga	1,533	1,182	1,042	907	617	416	375
Tarlac	860	689	641	560	427	327	264
Zambales	563	444	416	343	213	139	107
<b>Region 4</b>	<b>8,264</b>	<b>6,119</b>	<b>5,214</b>	<b>4,456</b>	<b>3,082</b>	<b>2,084</b>	<b>1,812</b>
Aurora	140	107	90	80	43	23	18
Batangas	1,477	1,174	1,032	926	681	510	442
Cavite	1,153	771	628	520	378	263	239
Laguna	1,370	973	804	700	472	321	280
Marinduque	186	174	163	144	115	86	82
Occidental Mindoro	283	222	186	144	84	43	39
Oriental Mindoro	550	447	389	328	229	125	92
Palawan	528	372	300	237	163	106	94
Quezon	1,372	1,129	1,026	903	611	394	340
Rizal 2/	977	556	414	307	174	105	88
Romblon	228	193	182	167	132	109	99
<b>Region 5</b>	<b>3,910</b>	<b>3,477</b>	<b>3,194</b>	<b>2,967</b>	<b>2,363</b>	<b>1,666</b>	<b>1,347</b>
Albay	903	809	729	674	515	395	334
Camarines Norte	391	308	288	262	188	104	98
Camarines Sur	1,306	1,099	1,024	948	820	554	386
Catanduanes	187	175	173	162	156	112	99
Masbate	600	585	533	493	336	211	182
Sorsogon	523	501	447	427	348	291	248
<b>Region 6</b>	<b>5,392</b>	<b>4,526</b>	<b>4,146</b>	<b>3,618</b>	<b>3,078</b>	<b>2,531</b>	<b>2,174</b>
Aklan	380	325	293	263	226	197	177
Antique	406	345	308	289	238	234	199
Capiz	584	492	446	394	315	245	229
Iloilo 3/	1,765	1,434	1,313	1,168	966	816	744
Negros Occidental	2,257	1,930	1,786	1,504	1,332	1,039	825
<b>Region 7</b>	<b>4,593</b>	<b>3,787</b>	<b>3,387</b>	<b>3,033</b>	<b>2,523</b>	<b>2,120</b>	<b>1,954</b>
Bohol	948	806	759	683	592	553	492
Cebu	2,646	2,092	1,818	1,634	1,333	1,123	1,068
Negros Oriental	925	819	740	652	538	386	335
Siquijor	74	70	69	63	60	57	60

Table 1.1 (continued)

Land area (sq km)	Density (persons/sq km)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
18,230.8	340.0	263.4	230.9	198.3	138.5	100.8	86.1
1,373.0	310.3	235.4	191.7	157.5	105.8	67.7	62.6
2,625.0	573.3	417.5	342.7	281.1	195.9	150.1	121.9
5,284.3	248.5	202.4	179.4	161.1	115.1	88.6	78.9
2,180.7	703.0	541.8	477.9	416.0	283.1	191.2	172.0
3,053.4	281.7	225.5	209.9	183.3	139.7	107.1	86.5
3,714.4	151.6	119.5	112.1	92.4	57.5	37.4	28.8
46,924.2	176.1	130.4	111.1	95.0	65.7	44.4	38.7
3,165.8	466.5	370.9	326.0	292.6	215.2	161.1	139.6
1,287.6	895.5	599.0	488.0	404.0	293.7	204.3	185.6
1,759.7	778.5	553.0	456.8	397.6	268.3	182.4	159.1
959.2	193.9	181.1	169.7	150.2	119.5	89.7	85.5
5,879.8	48.1	37.8	31.6	24.5	14.3	7.3	6.6
4,364.7	126.0	102.4	89.1	75.2	52.5	28.6	21.3
14,896.3	35.4	25.0	20.1	15.9	10.9	7.1	6.3
11,946.3	114.8	103.5	93.4	82.3	54.7	34.9	30.1
1,308.3	746.4	424.4	316.4	234.7	132.9	80.2	67.2
1,355.9	168.2	142.5	134.4	123.2	97.1	80.4	73.0
17,632.5	221.7	197.2	181.1	168.3	134.0	94.5	76.4
2,552.6	353.8	317.0	285.5	264.0	201.7	154.6	130.8
2,112.5	185.1	145.8	136.5	124.1	89.0	49.1	46.4
5,266.8	248.0	208.7	194.4	180.1	155.6	105.1	73.3
1,511.5	123.7	115.9	114.3	107.4	103.4	74.2	65.5
4,047.7	148.2	144.4	131.8	121.8	83.0	52.2	45.0
2,141.4	244.2	233.8	208.5	199.4	162.4	135.9	115.8
20,223.2	266.6	223.8	205.0	178.9	152.2	125.1	107.5
1,817.9	209.0	178.5	161.4	144.9	124.4	108.4	97.4
2,522.0	161.0	136.7	122.3	114.7	94.5	92.4	78.9
2,633.2	221.8	186.9	169.3	149.6	119.7	93.0	87.0
5,324.0	331.5	269.3	246.6	219.4	181.7	153.3	139.7
7,926.1	284.8	243.5	225.3	189.7	168.1	131.0	104.1
14,951.4	307.2	253.3	226.6	202.8	168.7	141.8	130.7
4,117.3	230.2	195.8	184.4	166.0	143.8	134.4	119.5
5,088.4	520.0	411.0	357.4	321.2	261.9	220.7	209.9
5,402.3	171.2	151.7	137.1	120.7	99.6	71.5	62.0
343.5	215.4	204.8	201.1	183.3	173.4	165.9	174.7

*Table 1.1 (continued)*  
**POPULATION, LAND AREA AND DENSITY BY REGION AND PROVINCE**  
**CENSUS YEARS 1939 to 1990**

Region and province	Population (thousands)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
<b>Region 8</b>	<b>3,055</b>	<b>2,800</b>	<b>2,600</b>	<b>2,381</b>	<b>2,041</b>	<b>1,764</b>	<b>1,462</b>
Leyte 4/	1,486	1,303	1,203	1,111	963	819	743
Southern Leyte	322	296	276	251	210	188	173
Eastern Samar	329	321	287	271	238	198	154
Northern Samar	384	379	355	306	261	228	155
Western Samar	534	501	478	442	369	331	237
<b>Region 9</b>	<b>3,158</b>	<b>2,529</b>	<b>2,048</b>	<b>1,869</b>	<b>1,351</b>	<b>763</b>	<b>603</b>
Basilan	238	201	171	144	156	110	57
Sulu	470	360	240	315	248	182	201
Tawi-Tawi	228	195	143	110	79	59	46
Zamboanga del Norte	677	588	494	409	281	168	139
Zamboanga del Sur	1,545	1,184	1,003	890	587	244	160
<b>Region 10</b>	<b>3,510</b>	<b>2,759</b>	<b>2,314</b>	<b>1,953</b>	<b>1,297</b>	<b>922</b>	<b>706</b>
Agusan del Norte	465	365	301	278	177	89	64
Agusan del Sur	421	265	213	175	94	38	35
Bukidnon	844	632	533	415	194	63	58
Camiguin	64	57	53	54	45	70	41
Misamis Occidental	424	386	356	320	248	208	210
Misamis Oriental	865	690	560	473	344	300	173
Surigao del Norte	426	363	298	239	195	155	126
<b>Region 11</b>	<b>4,459</b>	<b>3,347</b>	<b>2,715</b>	<b>2,201</b>	<b>1,353</b>	<b>578</b>	<b>451</b>
Davao del Norte	1,056	725	590	443	263	91	60
Davao del Sur	1,483	1,134	936	785	498	205	172
Davao Oriental	395	340	299	248	133	68	61
South Cotabato	1,073	770	587	466	295	103	58
Surigao del Sur	452	378	302	259	165	110	100
<b>Region 12</b>	<b>3,171</b>	<b>2,271</b>	<b>2,070</b>	<b>1,941</b>	<b>1,383</b>	<b>681</b>	<b>484</b>
Lanao del Norte	614	461	381	350	271	132	99
Lanao del Sur	600	405	500	456	378	212	144
Maguindanao	758	537	478	476	377	245	137
North Cotabato	764	565	472	468	279	87	50
Sultan Kudarat	436	304	239	191	78	5	54

Table 1.1 (continued)

Land area (sq km)	Density (persons/sq km)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
21,432.7	142.5	130.6	121.3	111.1	95.2	82.3	68.2
6,268.3	237.1	207.8	191.9	177.2	153.7	130.7	118.6
1,734.8	185.6	170.8	159.3	144.9	120.8	108.1	99.7
4,339.6	75.8	73.9	66.2	62.4	54.8	45.6	35.7
3,498.9	109.7	108.2	101.4	87.5	74.7	65.2	44.3
5,591.0	95.5	89.7	85.6	79.1	66.0	59.2	42.4
18,730.1	168.6	135.3	109.6	100.0	72.3	40.8	32.3
1,372.2	173.4	151.8	128.9	108.4	117.3	82.9	42.9
1,600.4	293.7	225.3	150.0	197.1	155.2	113.7	125.6
1,087.4	209.7	179.0	132.0	101.3	72.3	54.3	32.3
6,618.1	102.3	88.8	74.1	61.9	42.5	25.3	21.0
8,052.0	191.9	147.0	124.5	110.6	72.9	30.3	19.9
28,327.7	123.9	97.4	81.7	68.9	45.8	32.6	25.0
2,590.3	179.5	141.1	116.1	107.3	68.5	34.4	24.7
8,965.5	47.0	29.6	23.8	19.5	10.4	4.2	3.9
8,293.8	101.8	76.2	64.2	50.0	23.4	7.6	7.0
229.8	278.5	248.6	228.7	234.6	194.6	304.6	178.4
1,939.3	218.6	199.2	183.7	164.9	128.1	107.3	108.3
3,570.1	242.3	193.3	157.0	132.4	96.3	84.0	48.5
2,739.0	155.5	132.7	108.8	87.2	71.2	56.6	46.0
31,692.8	140.7	105.6	85.6	69.4	42.7	18.2	14.2
8,129.8	129.9	89.2	72.5	54.4	32.3	11.2	7.4
6,377.6	232.5	177.7	146.8	123.1	78.0	32.1	26.8
5,164.5	76.5	65.8	58.0	48.0	25.7	13.2	11.8
7,468.8	143.7	103.2	78.6	62.4	39.5	13.8	7.8
4,552.2	99.3	83.0	66.4	56.8	36.2	24.2	22.0
23,323.2	136.0	97.5	88.9	83.3	59.4	29.2	20.8
3,092.0	198.6	149.1	123.3	113.2	87.5	42.7	32.0
3,872.9	154.9	104.6	129.1	117.6	97.7	54.7	37.2
5,077.6	149.3	106.3	94.7	83.4	68.9	42.9	25.0
6,565.9	116.4	86.0	71.9	71.3	42.6	11.8	7.6
4,714.8	92.5	64.4	50.6	52.3	18.1	5.8	12.6

**Table 1.2**  
**POPULATION, LAND AREA AND DENSITY BY CITY**  
**CENSUS YEARS 1948 to 1990**

City	Population (thousands)					
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
Total	13,000	10,182	8,868	7,610	5,370	3,644
Angeles	237	189	151	135	76	38
Bacolod	364	262	223	187	119	101
Bago	124	100	89	72	59	57
Baguio	183	119	97	85	50	29
Bais	60	49	46	40	27	15
Basilan	a	a	171	144	156	110
Batangas	185	144	125	109	83	60
Butuan	228	172	133	131	80	30
Cabanatuan	173	138	115	100	70	49
Cadiz	120	130	128	124	89	49
Cagayan de Oro	340	227	165	128	68	52
Calbayog	115	107	103	94	78	80
Caloocan	761	468	397	274	146	55
Canlaon	37	29	29	24	23	16
Cavite	92	88	83	76	55	35
Cebu	610	490	413	347	251	168
Cotabato	127	84	67	61	38	15
Dagupan	122	98	90	84	63	44
Danao	73	57	50	48	33	26
Dapitan	59	55	46	38	28	20
Davao	850	610	485	392	226	111
Dipolog	80	62	48	46	32	23
Dumaguete	80	63	53	52	35	25
General Santos	250	149	91	86	53	13
Gingoog	83	80	67	66	53	31
Iligan	227	167	119	104	58	28
Iloilo	310	245	227	210	151	110
Iriga	74	66	76	77	75	42
La Carlota	56	46	41	38	57	46
Laoag	84	70	66	62	50	44
Lapu-Lapu	146	99	80	69	49	37

a Abolished in December 1975 under P. D. 840

Source: National Statistics Office.

Table 1.2 (continued)

(sq km)	Density (person/sq km)					
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
18,803.3	691.4	541.4	464.0	404.6	285.6	193.8
60.3	3,930.3	3,131.6	2,506.9	2,231.2	1,258.7	622.9
156.1	2,331.8	1,681.1	1,431.1	1,199.9	764.4	649.8
402.1	308.4	247.8	221.9	178.3	146.3	141.0
48.9	3,742.3	2,433.7	1,992.8	1,728.8	1,031.4	598.4
316.9	189.3	155.6	144.1	126.5	84.3	48.4
1,327.2	a	a	128.9	108.4	117.3	83.1
283.0	653.7	507.3	443.0	384.7	292.0	210.5
526.3	433.2	327.7	252.1	249.1	151.6	57.1
192.7	897.8	717.7	598.1	518.4	361.1	251.9
516.5	232.3	251.0	247.2	240.3	171.4	94.8
412.8	823.6	550.7	400.2	310.8	165.4	124.8
903.0	127.4	118.2	113.6	104.5	86.2	88.0
55.8	13,638.0	8,383.8	7,118.3	4,918.5	2,607.9	980.8
160.7	230.2	179.1	181.4	146.8	142.4	98.8
11.8	7,796.6	7,429.3	6,987.8	6,418.6	4,561.8	2,970.5
280.9	2,171.6	1,745.4	1,470.4	1,235.7	894.1	596.3
176.0	721.6	479.3	381.2	347.6	213.1	82.8
37.2	3,279.6	2,643.7	2,421.8	2,246.8	1,698.7	1,178.4
107.3	680.3	530.9	468.4	444.2	305.9	246.6
215.0	274.4	254.4	215.2	175.7	128.0	95.3
2,211.3	384.4	276.0	219.2	177.5	102.1	50.3
220.0	363.6	281.4	220.0	210.8	146.5	103.6
55.8	1,433.7	1,136.4	945.6	932.9	632.3	445.1
423.0	591.0	353.2	215.5	167.8	66.3	16.0
404.6	205.1	197.6	164.5	161.9	130.2	75.9
730.5	310.7	229.1	162.6	143.0	80.0	37.7
56.0	5,535.7	4,371.9	4,054.1	3,745.0	2,701.2	1,966.5
119.6	618.7	552.8	634.5	647.0	630.8	351.6
137.3	407.9	333.7	298.5	279.1	413.5	333.5
107.5	781.4	647.9	616.4	574.2	467.0	413.1
58.1	2,512.9	1,699.2	1,368.1	1,192.2	835.6	641.7

*Table 1.2 (continued)*  
**POPULATION, LAND AREA AND DENSITY BY CITY**  
**CENSUS YEARS 1948 to 1990**

City	Population (thousands)					
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
Legaspi	121	100	88	84	61	47
Lipa	160	121	106	94	64	47
Lucena	151	108	92	77	49	33
Mandaue	180	111	76	59	29	19
Manila	1,599	1,630	1,479	1,331	1,139	984
Marawi	92	54	63	56	27	20
Naga	115	91	83	80	56	56
Olongapo	193	156	147	108	45	14
Ormoc	129	105	90	85	63	57
Oroquieta	53	47	43	39	29	23
Ozamis	92	78	72	65	44	35
Pagadian	106	81	66	58	41	17
Palayan	20	15	12	8	3	-
Pasay	367	288	255	206	124	89
Puerto Princesa	92	60	46	38	22	11
Quezon City	1,667	1,166	957	754	398	111
Roxas	103	81	71	68	49	32
San Carlos (Neg. Occ.)	106	92	91	90	125	92
San Carlos (Pangasinan)	124	101	91	84	64	52
San Jose	88	64	58	70	38	30
San Pablo	161	132	117	106	71	50
Silay	92	111	105	69	60	36
Surigao	100	80	66	51	37	-
Tacloban	138	103	81	77	54	45
Tagaytay	24	16	13	11	7	5
Tagbilaran	56	43	37	33	20	16
Tangub	43	40	40	31	21	20
Toledo	120	92	77	68	64	39
Trece Martires	16	9	7	7	4	2
Zamboanga	442	344	265	200	131	103

Table 1.2 (continued)

(sq km)	Density (person/sq km)					
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
153.7	787.2	649.1	575.0	547.1	394.2	306.9
209.4	764.1	578.6	506.7	448.8	306.8	224.1
68.5	2,204.4	1,574.9	1,348.0	1,124.2	719.2	483.1
11.7	15,384.6	9,452.1	6,487.5	5,006.8	2,502.6	1,629.7
38.3	41,749.3	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5
22.6	4,070.8	2,381.1	2,802.3	2,465.0	1,196.9	869.8
77.5	1,483.9	1,170.5	1,075.6	1,030.3	716.2	725.6
103.3	1,868.3	1,514.3	1,424.1	1,043.4	438.8	136.4
464.3	277.8	226.1	192.7	182.1	135.2	123.6
194.9	271.9	242.8	218.0	197.9	151.2	117.2
144.2	638.0	539.8	496.2	448.3	305.8	244.5
378.8	279.8	213.5	174.4	152.1	109.1	43.9
35.6	561.8	420.2	341.0	235.4	90.9	-
13.9	26,402.9	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3
2,106.7	43.7	28.6	21.7	17.9	10.4	5.3
166.2	10,030.1	7,014.8	5,757.3	4,539.4	2,394.6	668.9
102.0	1,009.8	795.9	699.1	663.2	483.6	317.2
451.3	234.9	203.3	201.6	199.6	276.4	204.4
166.4	745.2	608.4	546.2	506.8	386.5	311.8
180.5	487.5	356.0	323.5	389.6	211.0	166.5
214.0	752.3	615.2	544.9	493.1	330.3	235.7
214.8	428.3	517.4	448.3	322.2	280.2	165.6
245.3	407.7	325.1	269.2	209.9	152.6	-
100.9	1,367.7	1,016.1	799.9	758.5	530.7	450.2
74.0	324.3	217.9	178.7	147.4	97.3	70.7
30.3	1,848.2	1,408.7	1,232.2	1,089.3	668.3	529.7
119.2	360.7	338.9	339.4	259.4	177.0	170.7
174.5	687.7	525.3	438.5	388.1	366.1	224.8
39.1	409.2	219.4	183.6	166.8	113.1	47.8
1,414.7	312.4	243.0	187.3	141.3	92.9	73.0

**Table 1.3**  
**MIDYEAR (1 JULY) POPULATION ESTIMATES BY URBAN AND RURAL RESIDENCE**  
**1950 to 2030**

Year	Total Population	Urban	Rural
1950	20,274,800	...	...
1955	23,568,000	...	...
1960 (Feb 15)	27,087,685	...	...
1965	31,880,868	...	...
1970 (May 6)	36,684,486	11,677,820	25,006,666
1971	37,862,421	12,186,125	25,676,296
1972	39,519,457	12,644,689	26,874,768
1973	39,390,059	13,120,509	26,269,550
1974	40,656,345	13,164,233	27,492,112
1975 (May 1)	42,070,665	14,046,527	28,024,138
1976	43,406,278	14,872,747	28,533,531
1977	44,584,324	15,619,210	28,965,114
1978	45,794,343	16,403,138	29,391,205
1979	47,037,201	17,226,412	29,810,789
1980 (May 1)	48,098,460	17,943,897	30,154,563
1981	49,536,022	18,680,256	30,855,766
1982	51,283,065	19,429,664	31,853,401
1983	52,055,370	20,203,280	31,852,090
1984	53,351,220	21,000,880	32,350,340
1985	54,668,332	21,821,760	32,846,572
1986	56,004,130	22,665,184	33,338,946
1987	57,356,042	23,530,304	33,825,738
1988	58,721,307	24,416,144	34,305,163
1989	60,096,988	25,321,600	34,775,388
1990	61,480,180	26,245,568	35,234,612
1991	62,868,212	27,186,816	35,681,396
1992	64,258,611	28,144,256	36,114,355
1993	65,649,273	29,116,784	36,532,489
1994	67,038,341	30,103,392	36,934,949
1995	68,424,077	31,103,216	37,320,861

Note: Data for 1971 to 1990, except 1975 and 1980 are intercensal estimates.

Source: National Statistics Office.

*Table 1.3 (continued)***MIDYEAR (1 JULY) POPULATION ESTIMATES BY URBAN AND RURAL RESIDENCE  
1950 to 2030**

Year	Total Population	Urban	Rural
1996	69,803,799	32,114,736	37,689,063
1997	71,174,977	33,144,672	38,030,305
1998	72,536,193	34,176,208	38,359,985
1999	73,886,275	35,216,288	38,669,987
2000	75,223,853	36,263,600	38,960,253
2001	76,544,483	37,315,584	39,228,899
2002	77,843,195	38,369,328	39,473,867
2003	79,118,318	39,421,760	39,696,558
2004	80,368,169	40,460,320	39,907,849
2005	81,590,921	41,507,344	40,083,577
2006	82,783,949	42,565,264	40,218,685
2007	83,944,447	43,601,952	40,342,495
2008	85,070,045	44,629,488	40,440,557
2009	86,158,248	45,644,640	40,513,608
2010	87,206,449	46,628,256	40,578,193
2011	88,238,903	47,629,216	40,609,687
2012	89,279,110	48,641,248	40,637,862
2013	90,325,465	49,663,952	40,661,513
2014	91,376,268	50,695,440	40,680,828
2015	92,429,710	51,734,992	40,694,718
2016	93,484,615	52,782,224	40,702,391
2017	94,539,607	53,835,376	40,704,231
2018	95,592,414	54,892,896	40,699,518
2019	96,640,624	55,953,392	40,687,232
2020	97,681,831	57,014,096	40,667,735
2021	98,714,484	58,072,880	40,641,604
2022	99,733,939	59,127,232	40,606,707
2023	100,737,546	60,176,000	40,561,546
2024	101,722,581	61,215,872	40,506,709
2025	102,686,370	62,248,800	40,437,570
2026	103,627,172	63,270,752	40,356,420
2027	104,543,452	64,279,696	40,263,756
2028	105,433,086	65,277,168	40,155,918
2029	106,293,921	66,256,480	40,037,441
2030	107,123,873	67,217,552	39,906,321

**Table 1.4**  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group and region	Philippines			Both Sexes
	Both Sexes	Male	Female	
All ages	60,559,116	30,443,187	30,115,929	29,440,153
Under 1 year	1,817,270	929,641	887,629	842,551
1-4	6,649,703	3,412,875	3,236,828	2,991,867
5-9	8,061,008	4,125,409	3,935,599	3,620,722
10-14	7,465,732	3,799,408	3,666,324	3,399,925
15-19	6,640,651	3,320,861	3,319,790	3,254,804
20-24	5,768,325	2,866,207	2,902,118	3,028,003
25-29	4,945,251	2,459,263	2,485,988	2,611,458
30-34	4,201,026	2,110,791	2,090,235	2,234,000
35-39	3,501,621	1,768,532	1,733,089	1,839,870
40-44	2,753,843	1,389,855	1,363,988	1,442,630
45-49	2,221,488	1,113,345	1,108,143	1,082,001
50-54	1,905,828	944,837	960,991	921,215
55-59	1,439,403	705,646	733,757	684,758
60-64	1,127,881	547,008	580,873	533,380
65-69	807,620	376,777	430,843	372,989
70-74	565,339	264,981	300,358	256,677
75 and over	687,127	307,751	379,376	323,303

Note: Totals may not add up because data do not include subprovinces.

Source: National Statistics Office.

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
14,546,463	14,893,690	31,118,963	15,896,724	15,222,239
432,237	410,314	974,719	497,404	477,315
1,541,995	1,449,872	3,657,836	1,870,880	1,786,956
1,854,549	1,766,173	4,440,286	2,270,860	2,169,426
1,711,151	1,688,774	4,065,807	2,088,257	1,977,550
1,555,357	1,699,447	3,385,847	1,765,504	1,620,343
1,450,959	1,577,044	2,740,322	1,415,248	1,325,074
1,267,259	1,344,199	2,333,793	1,192,004	1,141,789
1,103,739	1,130,261	1,967,026	1,007,052	959,974
919,281	920,589	1,661,751	849,251	812,500
724,979	717,651	1,311,213	664,876	646,337
538,312	543,689	1,139,487	575,033	564,454
450,337	470,878	984,613	494,500	490,113
328,875	355,883	754,645	376,771	377,874
252,211	281,169	594,501	294,797	299,704
166,602	206,387	434,631	210,175	224,456
113,278	143,399	308,662	151,703	156,959
135,342	187,961	363,824	172,409	191,415

*Table 1.4 (continued)*  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Metropolitan Manila Area (National Capital Region)			Both Sexes
	Both Sexes	Male	Female	
All ages	7,907,386	3,835,879	4,071,507	7,907,386
Under 1 year	222,457	114,244	108,213	222,457
1-4	766,733	396,340	370,393	766,733
5-9	872,147	446,976	425,171	872,147
10-14	788,675	394,748	393,927	788,675
15-19	844,897	379,802	465,095	844,897
20-24	924,293	420,533	503,760	924,293
25-29	831,785	391,143	440,642	831,785
30-34	694,777	339,539	355,238	694,777
35-39	543,029	269,402	273,627	543,029
40-44	412,423	207,807	204,616	412,423
45-49	281,850	140,267	141,583	281,850
50-54	239,062	115,643	123,419	239,062
55-59	168,960	80,227	88,733	168,960
60-64	125,526	59,208	66,318	125,526
65-69	80,679	35,493	45,186	80,679
70-74	50,928	21,614	29,314	50,928
75 and over	59,165	22,893	36,272	59,165

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
3,835,879	4,071,507	-	-	-
114,244	108,213	-	-	-
396,340	370,393	-	-	-
446,976	425,171	-	-	-
394,748	393,927	-	-	-
379,802	465,095	-	-	-
420,533	503,760	-	-	-
391,143	440,642	-	-	-
339,539	355,238	-	-	-
269,402	273,627	-	-	-
207,807	204,616	-	-	-
140,267	141,583	-	-	-
115,643	123,419	-	-	-
80,227	88,733	-	-	-
59,208	66,318	-	-	-
35,493	45,186	-	-	-
21,614	29,314	-	-	-
22,893	36,272	-	-	-

*Table 1.4 (continued)*

**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL  
1990**

Age group	Cordillera Administrative Region (CAR)			Both Sexes
	Both Sexes	Male	Female	
All ages	1,141,141	577,366	563,775	357,326
Under 1 year	35,496	18,081	17,415	10,470
1- 4	128,910	66,362	62,548	37,568
5- 9	155,817	80,324	75,493	45,066
10-14	137,789	70,006	67,783	39,696
15-19	122,073	60,817	61,256	40,261
20-24	109,143	54,184	54,959	38,894
25-29	94,970	48,170	46,800	32,833
30-34	79,049	40,758	38,291	27,327
35-39	62,988	32,614	30,374	21,862
40-44	47,494	24,115	23,379	16,301
45-49	39,861	19,958	19,903	12,252
50-54	36,636	18,273	18,363	10,734
55-59	28,449	14,051	14,398	7,605
60-64	22,114	10,511	11,603	5,756
65-69	16,798	7,927	8,871	4,023
70-74	11,550	5,614	5,936	2,997
75 and over	12,004	5,601	6,403	3,681

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
177,043	180,283	783,815	400,323	383,492
5,408	5,062	25,026	12,673	12,353
19,335	18,233	91,342	47,027	44,315
23,316	21,750	110,751	57,008	53,743
20,017	19,679	98,093	49,989	48,104
18,695	21,566	81,812	42,122	39,690
18,339	20,555	70,249	35,845	34,404
15,999	16,834	62,137	32,171	29,966
13,778	13,549	51,722	26,980	24,742
11,082	10,780	41,126	21,532	19,594
8,215	8,086	31,193	15,900	15,293
6,255	5,997	27,609	13,703	13,906
5,355	5,379	25,902	12,918	12,984
3,712	3,893	20,844	10,339	10,505
2,727	3,029	16,358	7,784	8,574
1,836	2,187	12,775	6,091	6,684
1,367	1,630	8,553	4,247	4,306
1,607	2,074	8,323	3,994	4,329

**Table 1.4 (continued)**  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 1			Both Sexes
	Both Sexes	Male	Female	
All ages	3,547,269	1,776,834	1,770,435	1,339,187
Under 1 year	97,341	50,365	46,976	36,442
1- 4	355,969	183,598	172,371	131,465
5- 9	462,299	237,931	224,368	171,123
10-14	433,215	222,231	210,984	162,154
15-19	381,505	196,473	185,032	147,160
20-24	323,537	165,318	158,219	124,276
25-29	268,955	135,441	133,514	102,215
30-34	229,204	114,447	114,757	87,589
35-39	194,111	95,938	98,173	75,487
40-44	168,974	83,068	85,906	66,184
45-49	137,777	67,118	70,659	51,982
50-54	121,835	58,405	63,430	45,089
55-59	95,449	44,761	50,688	35,834
60-64	80,733	37,234	43,499	30,242
65-69	68,535	30,606	37,929	24,980
70-74	51,167	22,571	28,596	18,412
75 and over	76,663	31,329	45,334	28,553

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
663,424	675,763	2,208,082	1,113,410	1,094,672
18,913	17,529	60,899	31,452	29,447
68,116	63,349	224,504	115,482	109,022
87,908	83,215	291,176	150,023	141,153
82,774	79,380	271,061	139,457	131,604
74,447	72,713	234,345	122,026	112,319
62,225	62,051	199,261	103,093	96,168
50,933	51,282	166,740	84,508	82,232
43,179	44,410	141,615	71,268	70,347
36,921	38,566	118,624	59,017	59,607
32,300	33,884	102,790	50,768	52,022
24,997	26,985	85,795	42,121	43,674
21,213	23,876	76,746	37,192	39,554
16,480	19,354	59,615	28,281	31,334
13,437	16,805	50,491	23,797	26,694
10,829	14,151	43,555	19,777	23,778
7,650	10,762	32,755	14,921	17,834
11,102	17,451	48,110	20,227	27,883

*Table 1.4 (continued)*  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 2			Both Sexes
	Both Sexes	Male	Female	
All ages	2,336,350	1,191,427	1,144,923	548,518
Under 1 year	72,152	37,130	35,022	15,233
1- 4	254,779	130,651	124,128	53,844
5- 9	316,846	162,677	154,169	70,214
10-14	298,932	152,535	146,397	68,548
15-19	253,348	131,056	122,292	59,952
20-24	211,241	108,007	103,234	50,384
25-29	188,723	96,448	92,275	44,664
30-34	163,691	83,846	79,845	39,658
35-39	134,024	68,634	65,390	33,833
40-44	101,529	51,557	49,972	26,607
45-49	80,662	40,640	40,022	20,059
50-54	76,399	38,359	38,040	18,800
55-59	56,826	28,450	28,376	13,867
60-64	43,000	21,338	21,662	10,702
65-69	32,919	15,747	17,172	8,205
70-74	23,428	11,368	12,060	6,049
75 and over	27,851	12,984	14,867	7,899

Table 1.4 (continued)

Urban		Both Sexes	Rural	
Male	Female		Male	Female
274,395	274,123	1,787,832	917,032	870,800
7,917	7,316	56,919	29,213	27,706
27,827	26,017	200,935	102,824	98,111
36,303	33,911	246,632	126,374	120,258
34,667	33,881	230,384	117,868	112,516
29,798	30,154	193,396	101,258	92,138
24,856	25,528	160,857	83,151	77,706
22,275	22,389	144,059	74,173	69,886
19,720	19,938	124,033	64,126	59,907
16,860	16,973	100,191	51,774	48,417
13,378	13,229	74,922	38,179	36,743
9,927	10,132	60,603	30,713	29,890
9,329	9,471	57,599	29,030	28,569
6,767	7,100	42,959	21,683	21,276
5,037	5,665	32,298	16,301	15,997
3,624	4,581	24,714	12,123	12,591
2,692	3,357	17,379	8,676	8,703
3,418	4,481	19,952	9,566	10,386

*Table 1.4 (continued)*  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 3			Both Sexes
	Both Sexes	Male	Female	
All ages	6,188,716	3,118,227	3,070,489	3,732,073
Under 1 year	176,716	90,731	85,985	104,782
1-4	637,147	329,250	307,897	373,332
5-9	786,745	403,773	382,972	461,082
10-14	751,004	383,995	367,009	443,908
15-19	679,160	343,822	335,338	407,743
20-24	627,237	315,567	311,670	365,272
25-29	521,883	262,213	259,670	322,450
30-34	442,618	222,970	219,648	275,119
35-39	365,336	183,711	181,625	229,165
40-44	301,178	151,257	149,921	188,866
45-49	221,749	110,924	110,825	134,108
50-54	193,910	95,931	97,979	116,568
55-59	147,737	71,580	76,157	88,962
60-64	113,521	54,096	59,425	68,792
65-69	84,645	37,940	46,705	50,007
70-74	59,615	26,756	32,859	34,881
75 and over	78,515	33,711	44,804	47,036

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
1,863,319	1,868,754	2,456,643	1,254,908	1,201,735
53,689	51,093	71,934	37,042	34,892
193,116	180,216	263,815	136,134	127,681
236,653	224,429	325,663	167,120	158,543
226,097	217,811	307,096	157,898	149,198
202,971	204,772	271,417	140,851	130,566
190,017	195,255	241,965	125,550	116,415
159,485	162,965	199,433	102,728	96,705
136,877	138,242	167,499	86,093	81,406
114,325	114,840	136,171	69,386	66,785
94,456	94,410	112,312	56,801	55,511
66,706	67,402	87,641	44,218	43,423
57,216	59,352	77,342	38,715	38,627
42,669	46,293	58,775	28,911	29,864
32,532	36,260	44,729	21,564	23,165
21,992	28,015	34,638	15,948	18,690
15,132	19,749	24,734	11,624	13,110
19,386	27,650	31,479	14,325	17,154

*Table 1.4 (continued)*  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 4			Both Sexes
	Both Sexes	Male	Female	
All ages	8,247,120	4,167,406	4,079,714	4,213,221
Under 1 year	250,116	127,982	122,134	123,470
1- 4	896,550	461,278	435,272	433,215
5- 9	1,103,406	566,917	536,489	531,122
10-14	1,019,055	521,134	497,921	495,284
15-19	875,838	443,702	432,136	443,772
20-24	777,924	391,566	386,358	414,663
25-29	673,425	338,962	334,463	366,581
30-34	593,403	299,955	293,448	326,147
35-39	496,850	252,882	243,968	274,377
40-44	387,912	196,677	191,235	212,396
45-49	299,392	150,123	149,269	153,815
50-54	253,718	125,692	128,026	129,397
55-59	194,891	95,431	99,460	98,549
60-64	148,917	71,573	77,344	74,221
65-69	107,826	49,042	58,784	53,337
70-74	75,709	34,371	41,338	36,797
75 and over	92,188	40,119	52,069	46,078

*Table 1.4 (continued)*

Urban		Rural		
Male	Female	Both Sexes	Male	Female
2,101,130	2,112,091	4,033,899	2,066,276	1,967,623
63,118	60,352	126,646	64,864	61,782
223,542	209,673	463,335	237,736	225,599
273,447	257,675	572,284	293,470	278,814
250,845	244,439	523,771	270,289	253,482
217,450	226,322	432,066	226,252	205,814
202,759	211,904	363,261	188,807	174,453
180,483	186,098	306,844	158,479	148,365
162,344	163,803	267,256	137,611	129,645
155,249	136,128	222,473	114,633	107,840
107,545	104,851	175,516	89,132	86,384
77,013	76,802	145,577	73,110	72,467
63,444	65,953	124,321	62,248	62,074
47,523	51,026	96,342	47,908	48,434
34,909	39,312	74,696	36,664	38,032
23,508	29,829	54,489	25,534	28,955
15,939	20,858	38,912	18,432	20,480
19,012	27,066	46,110	21,107	25,003

Table 1.4 (continued)

HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL  
1990

Age group	Region 5			Both Sexes
	Both Sexes	Male	Female	
All ages	3,904,793	1,984,866	1,919,927	1,218,525
Under 1 year	124,279	63,739	60,540	35,007
1- 4	471,181	242,618	228,563	130,936
5- 9	574,057	294,713	279,344	165,987
10-14	539,059	277,594	261,465	160,104
15-19	422,951	221,743	201,208	136,305
20-24	324,602	166,870	157,732	107,048
25-29	261,940	132,632	129,308	86,378
30-34	228,735	114,743	113,992	75,676
35-39	194,634	97,470	97,164	65,055
40-44	166,815	82,642	84,173	56,489
45-49	145,866	72,497	73,369	47,782
50-54	124,845	61,135	63,710	40,832
55-59	97,126	47,447	49,679	32,060
60-64	82,646	40,042	42,604	27,929
65-69	56,270	27,036	29,234	19,259
70-74	41,541	19,398	22,143	13,975
75 and over	48,246	22,547	25,699	17,703

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
606,765	611,760	2,686,268	1,378,101	1,308,167
17,948	17,059	89,272	45,791	43,481
67,790	63,146	340,245	174,828	165,417
84,969	81,018	408,070	209,744	198,326
80,921	79,183	378,955	196,673	182,282
68,392	67,913	286,646	153,351	133,295
53,611	53,437	217,554	113,259	104,295
42,776	43,602	175,562	89,856	85,706
37,467	38,209	153,059	77,276	75,783
32,108	32,947	129,579	65,362	64,217
27,540	28,949	110,326	55,102	55,224
23,311	24,471	98,084	49,186	48,898
19,596	21,236	84,013	41,539	42,474
15,094	16,966	65,066	32,353	32,713
13,025	14,904	54,717	27,017	27,700
8,706	10,553	37,011	18,330	18,681
5,930	8,045	27,566	13,468	14,098
7,581	10,122	30,543	14,966	15,577

Table 1.4 (continued)

HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL  
1990

Age group	Region 6			Both Sexes
	Both Sexes	Male	Female	
All ages	5,385,222	2,708,512	2,676,710	1,925,701
Under 1 year	158,061	80,859	77,202	51,285
1- 4	581,290	297,648	283,642	185,797
5- 9	726,161	369,461	356,700	239,025
10-14	683,719	348,385	335,334	233,084
15-19	598,756	305,983	292,773	220,421
20-24	483,190	248,037	235,153	184,423
25-29	399,498	203,037	196,461	151,218
30-34	342,863	172,371	170,492	131,076
35-39	295,012	148,643	146,369	114,208
40-44	235,561	116,857	118,704	91,956
45-49	209,322	102,370	106,952	77,906
50-54	185,299	89,056	96,243	68,606
55-59	144,113	68,619	75,494	52,352
60-64	113,202	52,690	60,512	41,796
65-69	87,098	39,700	47,398	30,928
70-74	62,612	28,931	33,681	21,941
75 and over	79,465	35,865	43,600	29,679

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
946,884	978,817	3,459,521	1,761,628	1,697,893
26,458	24,827	106,776	54,401	52,375
95,422	90,375	395,493	202,226	193,267
121,719	117,306	487,136	247,742	239,394
117,009	116,075	450,635	231,376	219,259
107,044	113,377	378,335	198,939	179,396
91,262	93,161	298,767	156,775	141,992
74,824	76,394	248,280	128,213	120,067
64,364	66,712	211,787	108,007	103,780
56,337	57,871	180,804	92,306	88,498
45,152	46,804	143,605	71,705	71,900
37,210	40,696	131,416	65,160	66,256
32,335	36,271	116,693	56,721	59,972
24,240	28,112	91,761	44,379	47,382
18,647	23,149	71,406	34,043	37,363
13,201	17,727	56,170	26,499	29,671
9,378	12,563	40,671	19,553	21,118
12,282	17,397	49,786	23,583	26,203

*Table 1.4 (continued)*  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 7			Both Sexes
	Both Sexes	Male	Female	
All ages	4,582,529	2,291,637	2,290,892	1,851,557
Under 1 year	142,235	72,602	69,633	54,863
1- 4	494,334	253,979	240,355	184,743
5- 9	599,972	306,941	293,031	225,093
10-14	561,877	286,261	275,616	212,349
15-19	498,086	250,667	247,419	210,854
20-24	416,160	208,421	207,739	189,447
25-29	352,964	175,481	177,483	158,921
30-34	299,012	149,065	149,947	133,529
35-39	252,337	125,545	126,792	110,169
40-44	201,216	99,663	101,553	86,682
45-49	177,799	87,002	90,797	70,466
50-54	157,292	75,415	81,877	60,309
55-59	124,656	59,178	65,478	46,413
60-64	102,650	48,794	53,856	37,419
65-69	75,599	34,704	40,895	26,717
70-74	56,269	26,267	30,002	19,151
75 and over	70,071	31,652	38,419	24,432

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
911,537	940,020	2,730,972	1,380,100	1,350,872
28,173	26,690	87,372	44,429	42,943
95,569	89,174	309,591	158,410	151,181
115,160	109,933	374,879	191,781	183,098
106,261	106,088	349,528	180,000	169,528
100,518	110,336	287,232	150,149	137,083
91,418	98,029	226,713	117,003	109,710
77,618	81,303	194,043	97,863	96,180
65,913	67,616	165,483	83,152	82,331
54,570	55,599	142,168	70,975	71,193
42,944	43,738	114,534	56,719	57,815
34,442	36,024	107,333	52,560	54,773
28,793	31,516	96,983	46,622	50,361
21,858	24,555	78,243	37,320	40,923
17,531	19,888	65,231	31,263	33,968
11,902	14,815	48,882	22,802	26,080
8,466	10,685	37,118	17,801	19,317
10,401	14,031	45,639	21,251	24,388

**Table 1.4 (continued)**  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL**  
**1990**

Age group	Region 8			Both Sexes
	Both Sexes	Male	Female	
All ages	3,048,854	1,556,966	1,491,888	950,908
Under 1 year	93,912	47,995	45,917	26,269
1- 4	356,047	182,023	174,024	99,266
5- 9	432,383	221,480	210,903	125,319
10-14	406,962	208,631	198,331	123,629
15-19	324,559	173,340	151,219	107,047
20-24	247,211	129,148	118,063	82,528
25-29	206,048	105,934	100,114	67,491
30-34	178,601	90,805	87,796	58,342
35-39	152,478	77,976	74,502	49,159
40-44	131,861	65,868	65,993	43,292
45-49	123,418	61,930	61,488	39,149
50-54	107,013	52,783	54,230	33,655
55-59	85,833	42,210	43,623	27,449
60-64	72,778	35,551	37,227	23,671
65-69	52,672	25,035	27,637	17,381
70-74	35,666	16,947	18,719	12,087
75 and over	41,412	19,310	22,102	15,174

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
475,193	475,715	2,097,946	1,081,773	1,016,173
13,441	12,828	67,643	34,554	33,089
50,723	48,543	256,781	131,300	125,481
63,943	61,376	307,064	157,537	149,527
62,214	61,415	283,333	146,417	136,916
54,265	52,782	217,512	119,075	98,437
41,902	40,626	164,683	87,246	77,437
33,920	33,571	138,557	72,014	66,543
29,214	29,128	120,259	61,591	58,668
24,660	24,499	103,319	53,316	50,003
21,302	21,990	88,569	44,566	44,003
19,429	19,720	84,269	42,501	41,768
16,158	17,497	73,358	36,625	36,733
13,204	14,245	58,384	29,006	29,378
11,161	12,510	49,107	24,390	24,717
7,810	9,571	35,291	17,225	18,066
5,319	6,768	23,579	11,628	11,951
6,528	8,646	26,238	12,782	13,456

*Table 1.4 (continued)*

**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL  
1990**

Age group	Region 9			Both Sexes
	Both Sexes	Male	Female	
All ages	3,150,906	1,593,716	1,557,190	968,325
Under 1 year	89,296	45,317	43,979	27,132
1- 4	356,429	181,136	175,293	103,543
5- 9	451,464	230,347	221,117	128,163
10-14	417,396	212,762	204,634	121,138
15-19	374,506	185,654	188,852	115,093
20-24	291,050	143,993	147,057	94,092
25-29	252,031	124,500	127,531	81,065
30-34	206,064	103,752	102,312	68,501
35-39	182,241	92,569	89,672	59,406
40-44	135,824	69,282	66,542	43,874
45-49	116,593	59,625	56,968	35,532
50-54	91,287	47,541	43,746	28,439
55-59	65,798	34,267	31,531	20,691
60-64	49,223	25,697	23,526	16,262
65-69	30,748	15,736	15,012	10,591
70-74	20,127	10,699	9,428	7,027
75 and over	20,830	10,840	9,990	7,775

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
483,054	485,271	2,182,581	1,110,662	1,071,919
13,910	13,222	62,164	31,407	30,757
52,955	50,588	252,886	128,181	124,705
65,359	62,804	323,299	164,988	158,311
60,933	60,205	296,258	151,829	144,429
54,651	60,442	259,413	131,003	128,410
45,424	48,668	196,958	98,569	98,389
39,515	41,550	170,966	84,985	85,981
34,060	34,441	137,563	69,692	67,871
30,361	29,045	122,835	62,208	60,627
22,452	21,422	91,950	46,830	45,120
18,068	17,464	81,061	41,557	39,504
14,454	13,985	62,848	33,087	29,761
10,404	10,287	45,107	23,863	21,244
8,157	8,105	32,961	17,540	15,421
5,139	5,452	20,157	10,597	9,560
3,484	3,543	13,100	7,215	5,885
3,729	4,046	13,055	7,111	5,944

*Table 1.4 (continued)*

**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN - RURAL  
1990**

Age group	Region 10			Both Sexes
	Both Sexes	Male	Female	
All ages	3,502,674	1,782,081	1,720,593	1,519,778
Under 1 year	114,785	58,765	56,020	45,814
1- 4	421,250	215,471	205,779	167,875
5- 9	484,592	247,147	237,445	199,003
10-14	451,777	228,204	223,573	190,492
15-19	392,359	198,245	194,114	175,634
20-24	322,216	163,682	158,534	143,962
25-29	273,589	138,928	134,661	122,913
30-34	233,431	119,112	114,319	107,633
35-39	190,314	97,925	92,389	89,273
40-44	146,321	75,496	70,825	68,361
45-49	123,546	63,320	60,226	54,468
50-54	108,792	55,420	53,372	47,652
55-59	79,457	40,349	39,108	34,558
60-64	60,787	30,694	30,093	26,888
65-69	40,631	20,053	20,578	18,131
70-74	28,255	14,346	13,909	12,806
75 and over	30,572	14,924	15,648	14,315

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
760,076	759,702	1,982,896	1,022,005	960,891
23,674	22,140	68,971	35,091	33,880
86,028	81,847	253,375	129,443	123,932
101,687	97,316	285,589	145,460	140,129
94,976	95,516	261,285	133,228	128,057
84,867	90,767	216,725	113,378	103,347
70,756	73,206	178,254	92,926	85,328
60,537	62,376	150,676	78,391	72,285
53,508	54,125	125,798	65,604	60,194
45,207	44,066	101,041	52,718	48,323
35,096	33,265	77,960	40,400	37,560
27,645	26,823	69,078	35,675	33,403
24,046	23,606	61,140	31,374	29,766
17,241	17,317	44,899	23,108	21,791
13,298	13,590	33,899	17,396	16,503
8,515	9,616	22,500	11,538	10,962
6,297	6,509	15,449	8,049	7,400
6,698	7,617	16,257	8,226	8,031

Table 1.4 (continued)

HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN RURAL  
1990

Age group	Region 11			Both Sexes
	Both Sexes	Male	Female	
All ages	4,448,616	2,268,158	2,180,458	2,107,889
Under 1 year	143,856	73,483	70,373	64,775
1- 4	528,153	270,489	257,664	232,982
5- 9	617,876	315,078	302,798	277,353
10-14	573,359	290,380	282,979	262,209
15-19	511,294	253,081	258,213	249,547
20-24	422,631	211,737	210,894	209,942
25-29	354,787	178,974	175,813	174,626
30-34	303,995	155,803	148,192	153,780
35-39	250,615	129,888	120,727	127,259
40-44	187,237	97,852	89,385	95,166
45-49	154,243	80,980	73,263	74,226
50-54	127,670	67,533	60,137	60,138
55-59	91,148	47,929	43,219	41,755
60-64	70,623	37,262	33,361	32,237
65-69	46,444	23,773	22,671	20,930
70-74	31,713	16,927	14,786	14,611
75 and over	32,972	16,989	15,983	16,353

*Table 1.4 (continued)*

Urban		Rural		
Male	Female	Both Sexes	Male	Female
1,053,909	1,053,980	2,340,727	1,214,249	1,126,478
33,074	31,701	79,081	40,409	38,672
119,127	113,855	295,171	151,362	143,809
141,211	136,142	340,523	173,867	166,656
130,928	131,281	311,150	159,452	151,698
117,640	131,907	261,747	135,441	126,306
101,011	108,931	212,689	110,726	101,963
85,460	89,166	180,161	93,514	86,647
76,925	76,855	150,215	78,878	71,337
65,137	62,122	123,356	64,751	58,605
49,400	45,766	92,071	48,452	43,619
38,692	35,534	80,017	42,288	37,729
31,516	28,622	67,532	36,017	31,515
21,462	20,293	49,393	26,467	22,926
16,591	15,646	38,386	20,671	17,715
10,257	10,673	25,514	13,516	11,998
7,423	7,188	17,102	9,504	7,598
8,055	8,298	16,619	8,934	7,685

**Table 1.4 (continued)**  
**HOUSEHOLD POPULATION BY AGE GROUP AND SEX, BY REGION, URBAN RURAL**  
**1990**

Age group	Region 12			Both Sexes
	Both Sexes	Male	Female	
All ages	3,167,540	1,590,112	1,577,428	799,759
Under 1 year	96,568	48,348	48,220	24,552
1- 4	400,931	202,032	198,899	90,568
5- 9	477,244	241,645	235,599	110,024
10-14	402,913	202,542	200,371	98,655
15-19	361,319	176,476	184,843	96,118
20-24	287,890	139,143	148,747	78,779
25-29	264,653	127,400	137,253	68,318
30-34	205,583	103,625	101,958	54,846
35-39	187,653	95,336	92,317	47,588
40-44	129,498	67,714	61,784	34,033
45-49	109,410	56,591	52,819	28,406
50-54	82,069	43,651	38,418	21,934
55-59	58,960	31,147	27,813	15,703
60-64	42,161	22,318	19,843	11,939
65-69	26,756	13,985	12,771	7,821
70-74	16,759	9,172	7,587	5,015
75 and over	17,173	8,987	8,186	5,460

Table 1.4 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
393,855	405,904	2,367,781	1,196,257	1,171,524
12,270	12,282	72,016	36,078	35,938
46,105	44,463	310,363	155,927	154,436
55,899	54,125	367,220	185,746	181,474
48,761	49,894	304,258	153,781	150,477
44,817	51,301	265,201	131,659	133,542
36,846	41,933	209,111	102,297	106,814
32,291	36,027	196,335	95,109	101,226
26,851	27,995	150,737	76,774	73,963
24,062	23,526	140,065	71,274	68,791
17,392	16,641	95,465	50,322	45,143
14,350	14,056	81,004	42,241	38,763
11,239	10,695	60,135	32,412	27,723
7,994	7,709	43,257	23,153	20,104
5,951	5,988	30,222	16,367	13,855
3,790	4,031	18,935	10,195	8,740
2,587	2,428	11,744	6,585	5,159
2,650	2,810	11,713	6,337	5,376

**Table 1.5**  
**POPULATION OF THE PHILIPPINES**  
**CENSUS YEARS 1799 to 1990**

Year	Population	Average annual rate of increase over previous date (percent)	Source of data
1799 1/	1,502,574	...	Buzeta
1800 1/	1,561,251	3.90000	Zuniga
1812 1/	1,933,331	1.79727	Cedulas
1819 1/	2,106,230	1.23119	Cedulas
1829 1/	2,593,287	2.10204	Church
1840 1/	3,096,031	1.62391	Local officials
1850 1/	3,857,424	2.23312	Buzeta
1858 1/	4,290,381	1.33859	Bowring
1870 1/	4,712,006	0.78419	Guia de Manila
1877 1/	5,567,685	2.41243	Census
1887 1/	5,984,727	0.72492	Census
1896 1/	6,261,339	0.50329	Prof. Plehn's estimate based on census records.
1903 2/	7,635,426	2.87489	Census
1918 3/	10,314,310	1.89735	Census
1939	16,000,303	2.21955	Census
1948	19,234,182	1.90601	Census
1960	27,087,685	3.05710	Census
1970	36,684,486	3.01190	Census
1975	42,070,660	2.78572	Census
1980	48,098,460	2.71417	Census
1990	61,703,206	2.35179	Census

1/ Population from 1799 to 1896 excludes non-Christians.

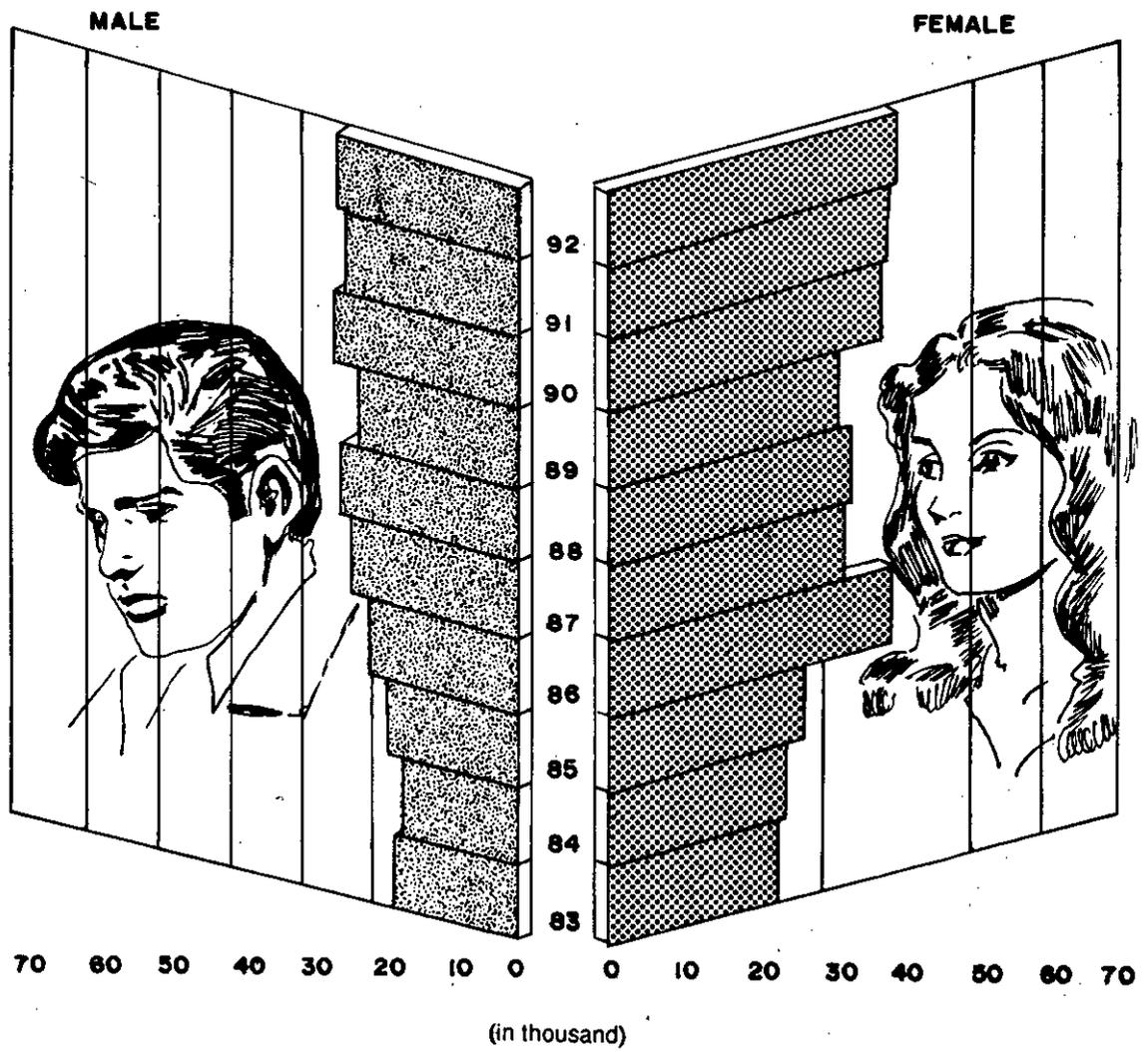
2/ Includes 647,740 non-Christians.

3/ Includes 932,953 non-Christians.

Source: National Statistics Office.

Figure 1.3

Distribution of Registered Filipino Emigrants by Sex:  
1983 to 1992



**Table 1.6**  
**SEX RATIO OF THE HOUSEHOLD POPULATION, BY REGION**  
**CENSUS YEARS 1970 to 1990**

Region/Province	1970			1975	
	Male	Female	Males per 100 females	Male	Female
Philippines	18,250,351	18,434,135	99.0	21,276,224	20,794,436
Metropolitan Manila Area (NCR)	1,921,912	2,044,783	94.0	2,430,213	2,539,793
Cordillera Administrative Region (CAR)	-	-	-	-	-
Region 1	1,470,633	1,519,928	96.8	1,636,953	1,632,438
Region 2	853,783	837,676	101.9	990,757	942,420
Region 3	1,790,117	1,825,379	98.1	2,125,706	2,084,430
Region 4	2,222,196	2,234,812	99.4	2,651,509	2,562,334
Region 5	1,495,394	1,471,487	101.6	1,631,505	1,562,216
Region 6	1,778,857	1,839,469	96.7	2,089,470	2,056,920
Region 7	1,486,370	1,546,349	96.1	1,694,131	1,693,143
Region 8	1,199,078	1,182,331	101.4	1,328,481	1,271,247
Region 9	932,555	936,459	99.6	1,046,853	1,001,029
Region 10	984,587	968,148	101.7	1,184,262	1,129,943
Region 11	1,124,933	1,075,793	104.6	1,401,075	1,313,483
Region 12	989,936	951,521	104.0	1,065,309	1,005,040

Note: 1990 data may not add up because data do not include subprovinces.

Source: National Statistics Office.

Table 1.6 (continued)

Males per 100 females	1980			1990		
	Male	Female	Males per 100 females	Male	Female	Males per 100 females
102.3	24,128,755	23,969,705	100.7	30,443,187	30,115,929	101.1
95.7	2,855,712	3,070,172	93.0	3,835,879	4,071,507	94.2
-	-	-	-	577,366	563,775	102.4
100.3	1,760,119	1,780,774	98.8	1,776,834	1,770,435	100.4
105.1	1,128,854	1,086,668	103.9	1,191,427	1,144,923	104.1
102.0	2,406,886	2,395,907	100.5	3,118,227	3,070,489	101.6
103.5	3,095,075	3,023,545	102.4	4,167,406	4,079,714	102.1
104.4	1,765,624	1,711,358	103.2	1,984,841	1,919,711	103.4
101.6	2,265,780	2,259,835	100.3	2,708,512	2,676,710	101.2
100.1	1,882,242	1,905,132	98.8	2,291,584	2,290,596	100.0
104.5	1,423,846	1,375,688	103.5	1,556,966	1,491,725	104.4
104.6	1,281,439	1,247,067	102.8	1,594,623	1,558,031	102.3
104.8	1,402,083	1,356,902	103.3	1,782,081	1,720,593	103.6
106.7	1,712,175	1,634,628	104.7	2,252,084	2,160,054	104.3
106.0	1,148,920	1,122,029	102.4	1,590,112	1,577,428	100.8

**Table 1.7**  
**POPULATION PROJECTION BY 5-YEAR AGE GROUP**  
**Moderate Assumption: Moderate Fertility and Mortality Decline**  
**1990 to 2040**

	1990	1995	2000	2005	2010
Philippines	62,049,229	70,011,405	78,413,848	86,777,053	94,503,292
CAR	1,169,455	1,303,966	1,439,666	1,569,965	1,686,831
NCR	8,116,859	9,200,907	10,350,775	11,401,235	12,291,210
I	3,647,769	3,962,760	4,281,953	4,576,199	4,816,601
II	2,394,763	2,655,649	2,914,201	3,166,139	3,389,217
III	6,346,181	7,177,847	8,021,849	8,819,731	9,503,864
IV	8,451,600	9,988,778	11,640,505	13,360,079	15,046,490
V	3,995,312	4,381,621	4,788,295	5,215,970	5,629,617
VI	5,517,687	6,046,563	6,610,273	7,157,623	7,634,436
VII	4,699,168	5,225,321	5,762,122	6,272,652	6,727,950
VIII	3,122,403	3,400,965	3,693,658	4,000,708	4,294,972
IX	2,509,584	2,848,200	3,196,193	3,548,036	3,882,829
X	3,582,103	4,096,106	4,645,678	5,238,247	5,848,182
XI	4,547,975	5,241,980	6,028,119	6,859,806	7,661,558
XII	2,073,853	2,377,875	2,706,501	3,032,018	3,332,016
ARMM	1,874,517	2,102,867	2,334,059	2,558,645	2,757,518

Preliminary data as of 01 September 1993.

Source: National Statistics Office

Table 1.7 (continued)

2015	2020	2025	2030	2035	2040
101,440,122	108,088,301	114,191,590	119,342,212	123,794,930	127,325,777
1,786,882	1,876,637	1,950,059	2,003,628	2,046,190	2,076,135
13,065,893	13,831,281	14,563,861	15,173,609	15,676,831	16,068,081
4,996,683	5,145,387	5,276,869	5,382,570	5,456,495	5,471,973
3,576,469	3,745,716	3,888,172	3,991,779	4,070,409	4,125,003
10,074,620	10,608,856	11,124,359	11,587,573	11,995,904	12,295,943
16,655,998	18,241,834	19,731,761	21,040,163	22,219,894	23,240,312
6,019,859	6,417,132	6,791,169	7,111,184	7,390,670	7,602,194
8,018,626	8,347,451	8,611,287	8,797,763	8,943,705	9,038,836
7,114,064	7,451,565	7,722,945	7,927,609	8,095,233	8,208,946
4,570,248	4,851,499	5,115,087	5,335,482	5,521,790	5,654,084
4,188,861	4,480,808	4,741,221	4,952,953	5,129,097	5,267,884
6,441,920	7,032,347	7,584,895	8,070,808	8,514,546	8,894,976
8,403,120	9,120,040	9,788,152	10,380,867	10,927,331	11,419,184
3,603,530	3,867,149	4,108,699	4,304,996	4,463,034	4,581,213
2,923,350	3,070,599	3,193,053	3,281,229	3,343,801	3,381,012

**Table 1.8**  
**PROJECTED SINGLE YEAR POPULATION BY SEX, PHILIPPINES**  
*Moderate Assumption: Moderate Fertility and Mortality Decline*  
**1992 to 2000**

Year	Male	Female	Both Sexes
1992	32,662,068	32,351,420	65,014,020
1993	33,460,832	33,149,646	66,611,008
1994	34,296,292	33,981,744	68,278,392
1995	35,166,164	34,845,256	70,011,400
1996	36,034,684	35,714,844	71,749,856
1997	36,885,964	36,565,516	73,452,000
1998	37,723,624	37,400,816	75,124,952
1999	38,551,388	38,224,480	76,776,232
2000	39,373,372	39,040,484	78,413,864

Preliminary data as of 01 September 1993.

Source: National Statistics Office

Table 1.9

**DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS BY COUNTRY OF DESTINATION  
1981 to 1992**

Year	Total	USA	Australia	Canada	Others
1981	48,867	40,307	2,752	5,226	582
1982	53,953	44,438	2,931	4,898	1,686
1983	42,481	34,794	2,608	3,946	1,133
1984	41,551	34,682	2,915	2,463	1,491
1985	45,269	38,653	3,458	2,097	1,061
1986	49,338	40,650	4,374	3,206	1,108
1987	56,350	40,813	8,983	5,757	797
1988	58,066	41,397	9,341	6,608	720
1989	55,703	39,503	5,922	8,032	2,246
1990	63,208	43,816	5,855	8,409	5,128
1991	62,671	43,981	5,728	7,233	5,729
1992	64,172	46,707	4,104	7,454	5,907

Note: For the United States of America :

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

Source: Commission on Filipinos Overseas.

Table 1.10

**DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS BY SEX  
1981 to 1992**

Year	Total	Male	Female
1981	48,867	20,350	28,517
1982	53,953	21,752	32,201
1983	42,481	17,816	24,665
1984	41,551	16,970	24,581
1985	45,269	18,409	26,860
1986	49,338	20,408	28,930
1987	56,350	23,921	32,429
1988	58,066	24,642	33,424
1989	55,703	22,789	32,914
1990	63,208	25,424	37,784
1991	62,671	24,808	37,863
1992	64,172	25,137	39,035

Source: Commission on Filipinos Overseas.

Figure 1.4 Distribution of Registered Filipino Emigrants by Age:  
1982 to 1992

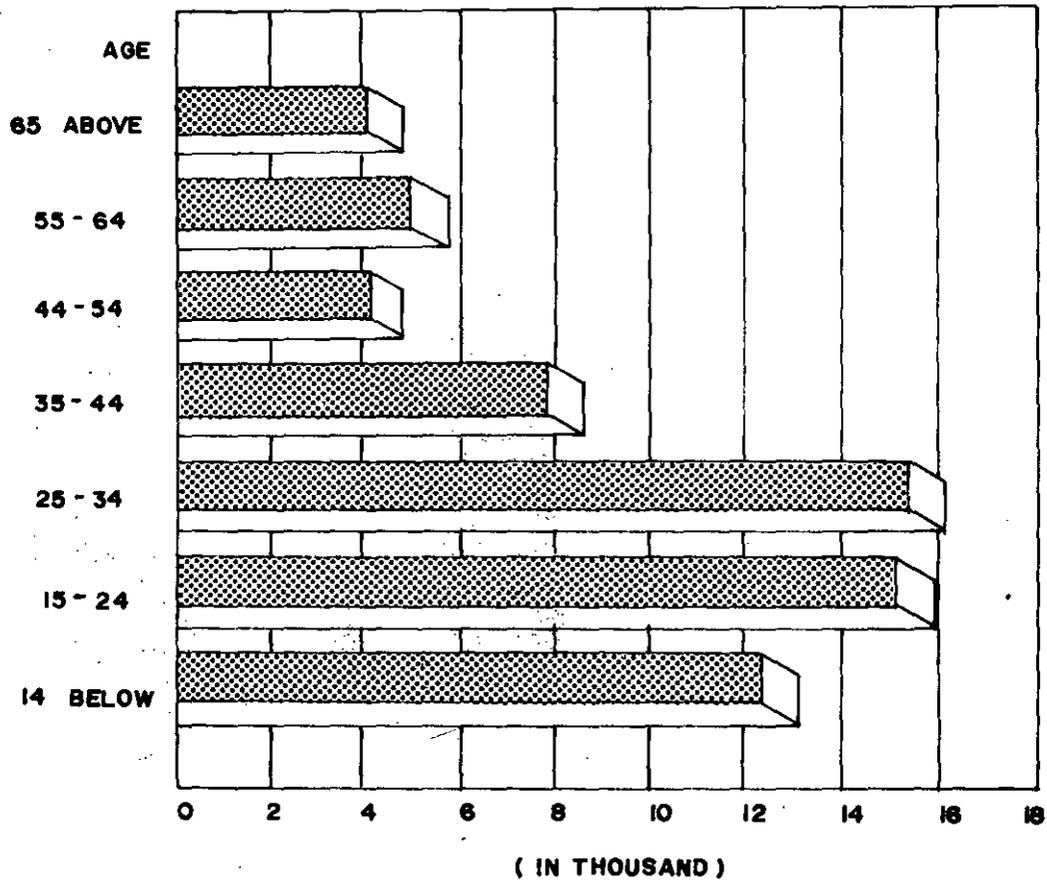
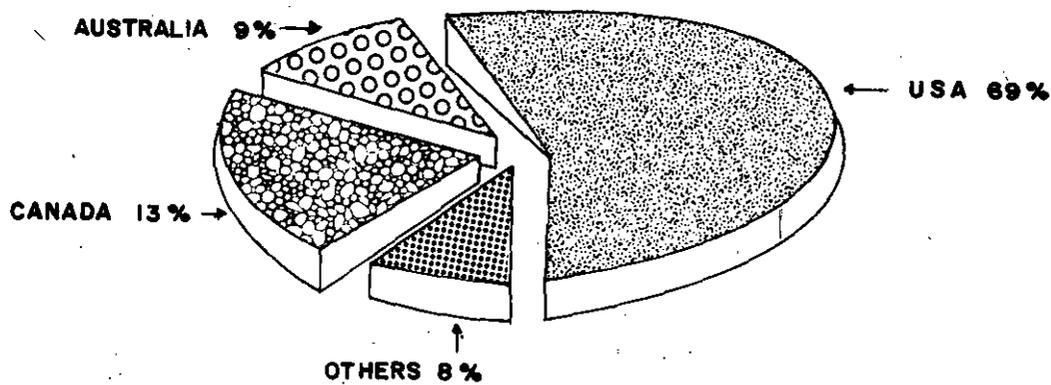


Figure 1.5 Distribution of Registered Filipino Emigrants by Country  
of Destination: 1992



**Table 1.11**  
**DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS BY AGE**  
**1981 to 1992**

Year	Total	14-Below	15-24	25-34	35-44	45-54	55-64	65-Above
1981	48,867	9,588	10,558	9,967	4,244	3,685	6,023	4,802
1982	53,953	9,100	10,606	12,000	6,248	4,547	6,208	5,244
1983	42,481	8,433	9,662	8,982	4,087	3,116	4,825	3,376
1984	41,551	8,199	9,394	9,304	4,398	3,187	4,116	2,953
1985	45,269	9,154	10,018	9,753	4,510	3,413	4,802	3,619
1986	49,338	10,524	11,032	10,645	5,034	3,430	4,915	3,758
1987	56,350	12,407	11,674	13,305	6,403	3,685	4,990	3,886
1988	58,014	12,579	11,538	13,259	7,852	3,980	4,704	4,102
1989	55,691	11,696	11,079	13,779	7,524	3,907	4,100	3,606
1990	63,200	11,515	13,016	16,584	8,130	4,259	5,157	4,539
1991	62,671	11,234	13,794	15,676	7,488	4,403	5,411	4,665
1992	64,172	12,223	15,178	15,377	7,965	4,371	5,035	4,023

Source: Commission on Filipinos Overseas.

**Table 1.12**  
**RENTAL PRICE INDEX FOR ALL INCOME HOUSEHOLD IN THE PHILIPPINES,**  
**METRO MANILA AND OUTSIDE METRO MANILA**  
**1988 to 1993**  
**(1988=100)**

	Philippines	Metro Manila	Outside Metro Manila
1988	100.0	100.0	100.0
1989	113.3	114.3	112.4
1990	132.6	137.2	128.8
1991	158.9	168.1	151.9
1992	188.4	214.1	168.8
January	170.6	183.7	160.6
February	173.5	188.0	162.5
March	181.3	203.8	164.1
April	183.1	205.7	165.8
May	188.0	216.2	166.5
June	190.0	218.6	168.2
July	193.3	223.9	170.0
August	194.4	224.9	171.2
September	194.7	224.9	171.6
October	196.2	224.9	174.3
November	197.8	227.3	175.3
December	198.2	227.5	175.8
1993			
January	202.6	233.1	179.3
February	205.2	236.1	181.4
March	210.6	248.0	182.0
April	211.0	248.6	182.3
May	211.4	250.3	181.7
June	212.9	252.0	183.1

Source: National Statistics Office.

## 2 INCOME AND PRICES

This chapter presents two major sets of statistical data, namely, income and prices, which directly influence the expenditure patterns of Filipino families. While income levels relate to the family's economic status, price indices show the changes in the prices of goods and services bought by specific groups of consumers. The 1985 and 1988 income and expenditure data reflected in this volume are the final results of the 1985 and 1988 Family Income and Expenditures Survey (FIES) conducted by the National Statistics Office (NSO).

All income and expenditure data are collected through direct interviews with the head of the family or his wife or with any responsible member of the family. Just like the 1985 FIES, the 1988 survey was undertaken in two rounds. The first visit was in July 1988 with the first half of the year as the reference period and the second visit was in January 1989 with July-December 1988 as the reference period. The "shuttle-type" of data collection was utilized to improve the quality of such data since it minimized memory bias of the respondent and at the same time captured the seasonality of income and expenditure patterns. For purposes of estimating annual data on income and expenditures, the results of the first visit were combined with the second visit.

A family is defined as a group of persons usually living together and composed of the head and other persons related to the head by blood, marriage or adoption, and who are not boarders, guests or domestic help. A single person living alone is considered as a separate family.

Family income consists of both cash and non-cash income which accrue to the members of the household during a specified period. It includes income of family members who actually stayed in the household at any time during the period of coverage even though they may not have been enumerated with the household during the survey. Only their income while living within the household is included.

Family income is further classified by source, either as income from work or as income from sources other than work. Income from work includes wages and salaries, earnings from self-employment and other activities, whether in cash or in kind, before tax and other deductions from retirement, social security and insurance premiums, union dues and other contributions. Income from sources other than work includes rents from properties and owner-occupied houses, interests and dividends, pensions and annuities, retirement and insurance benefits, gifts, etc.

Family expenditures refer to expenses or disbursements made by the family purely for personal consumption. It therefore excludes all expenses in relation to farm or business operations, investment ventures, purchase of real property and other disbursements not considered household expenditure for consumption. Items of expenditure are: Food, Beverages and Tobacco; Fuel, Light and Water; Transportation and Communication; Household Operations; Personal Care and Effects; Clothing; Footwear and Other Wear; Education; Recreation; Medical Care; Furnishings and Equipment; House maintenance and minor repairs; and Miscellaneous Expenditures.

Data on family income and expenditures for 1957, 1961, 1965, 1971, 1985 and 1988 are published in the NSO Survey of Households Bulletin.

The concepts and definitions of urban and rural areas used in the FIES changed from one survey period to another since 1961. Percentage distribution of urban-rural family covered during FIES varied through the years due to changes in concepts. While about 34% were classified as urban families in 1961, the 1965, 1971 and 1985 surveys had 30%, and 31%, respectively. During the 1985 and 1988 survey, this increased to 38%. However, changes in concepts should not deter anyone from making comparisons as to the income and expenditure levels of urban and rural families over time.

Poverty incidence presents the proportion of families earning incomes less than the poverty line. The incidence in 1988 was computed based on the results of the 1988 Family Income and Expenditures Survey and 1988 poverty line. The poverty line was derived using 1985 levels inflated to 1988 prices.

Price statistics included in this chapter include the following series: (1) Consumer Price Indices (CPI) for the Philippines, Metropolitan Manila Area (National Capital Region), and Areas Outside the Metropolitan Manila Area; (2) Retail Price Indices for the Metropolitan Manila Area; (3) Wholesale Price Indices for the Metropolitan Manila Area, (4) Retail Price Index of Selected Materials in Construction Activities in Metro Manila; and (5) the inflation rate based on the CPI.

Price indices are intended to measure price changes exclusive of the influence of technological advancements that improve the quality of goods, shifts in market demands, changes in product mix, shipping terms, etc.

The Consumer Price Index is intended to provide a general measure of the average monthly and annual changes in prices of a fixed basket of goods and services usually purchased in small quantities for consumption by an average household. The weights utilized in the computation of the CPI were estimated from the results of the 1975 FIES by inflating the levels to 1978 through relative price movements. To provide current data for the construction of this index, a monthly survey of retail prices is conducted all over the country.

The Retail Price Index (RPI) is designed to measure monthly changes of the prices at which retailers dispose of their goods to consumers and end-users. The term "retail price" refers to the price at which sellers accept orders for spot or earliest delivery in small quantities for consumption by an average household. The weights utilized were derived from the values 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. Price data used in the RPI to a large part come from the same sources of data used for the construction of the Metro Manila CPI. These are collected from retail outlets from 11 markets in the Metropolitan Manila Area. The RPI market basket contains the same food and non-food commodities included in the CPI with an expanded list for construction materials but excludes light, water, rentals, wages and other services items.

The Wholesale Price Index (WPI) is intended to measure monthly changes in the general wholesale price level of commodities that flow into the wholesale trade intermediaries in Metro Manila. The term "wholesale price" refers to the price of a commodity transacted in bulk for further resale or processing. The weights used are based on the value of sales commodities traded in the wholesale market in 1978 as derived from the 1974 Input-Output Table.

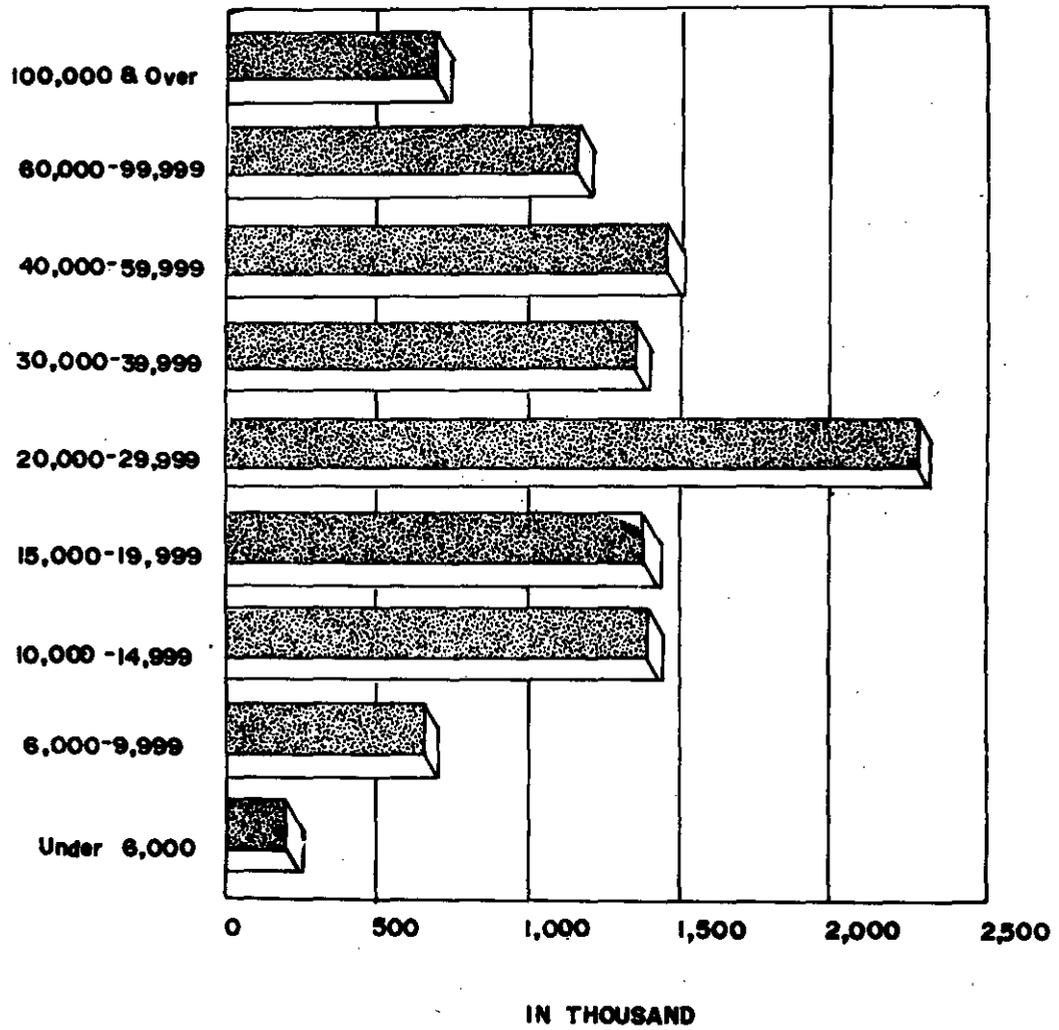
All the above indices have 1978 as the base year and are computed following the Laspeyres' formula.

At present, the agencies responsible for the collection of basic price data on commodities that are entered in the computation of these indices are the Bureau of Agricultural Statistics (BAS), and the NSO. The NSO computes the consumer, retail and wholesale price indices while the BAS is responsible for the computation of the producer price indices for agriculture.

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Figure 2.1 Total Number of Families by Income Class, Philippines: 1988



**Table 2.1**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME**  
**BY INCOME CLASS, PHILIPPINES**  
**1961, 1965, 1971**

Income class	1961			Total number of families (thousands)
	Total number of families (thousands)	Total income (thousand pesos)	Average income (pesos)	
Total	4,426	7,981,766	1,804	5,126
Under P 2,000	3,366	3,108,682	924	3,050
2,000 to 3,999	698	1,908,970	2,735	1,353
4,000 to 5,999	184	902,359	4,919	378
6,000 to 7,999	84	569,572	6,803	129
8,000 to 9,999	30	268,254	8,890	79
10,000 and over	63	1,223,929	19,328	136
10,000 to 14,999	-	-	-	-
15,000 to 19,999	-	-	-	-
20,000 and over	-	-	-	-
Median income (pesos)	-	1,105	-	-

Source: Family Income and Expenditure Survey, National Statistics Office.

Table 2.1 (continued)

1965		1971		
Total income (thousand pesos)	Average income (pesos)	Total number of families (thousands)	Total income (thousand pesos)	Average income (pesos)
13,023,610	2,541	6,347	23,714,284	3,736
3,126,075	1,025	2,617	2,959,432	1,131
3,766,459	2,783	1,922	5,528,099	2,875
1,827,529	4,835	791	3,836,318	4,853
880,499	6,806	403	2,769,251	6,866
707,781	8,985	226	2,017,560	8,909
2,715,267	20,009	386	6,603,625	17,077
-	-	234	2,811,168	11,994
-	-	71	1,220,236	17,092
-	-	81	2,572,221	31,746
1,648	-	-	2,454	-

**Table 2.2**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME**  
**AND EXPENDITURES BY INCOME CLASS, PHILIPPINES**  
**1985 and 1988**

Income class	1985				
	Total number of families (thousands)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
Total	9,847	305,775,274	31,052	264,551,855	26,865
Under P 6,000	376	1,699,850	4,523	2,079,228	5,532
6,000 - 9,999	1,117	9,202,175	8,240	9,940,445	8,901
10,000 - 14,999	1,778	22,207,257	12,490	22,240,849	12,509
15,000 - 19,999	1,540	26,769,814	17,385	25,841,737	16,782
20,000 - 29,999	1,936	47,373,441	24,465	44,544,140	23,004
30,000 - 39,999	1,086	37,402,390	34,452	33,584,417	30,935
40,000 - 59,999	1,044	50,498,966	48,393	43,784,484	41,958
60,000 - 99,999	626	47,225,272	75,471	39,067,076	62,433
100,000 and over	346	63,396,111	183,439	43,469,480	125,781
Median (pesos)	-	20,480	-	18,988	-

Notes: 1. Final results of the 1988 FIES exclude data for Rizal province as fire destroyed accomplished questionnaires of this province.

2. 1991 data not yet available.

Source: National Statistics Office.

Table 2.2 (continued)

1988				
Total number of families (thousands)	Income		Expenditures	
	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
10,533	425,650,951	40,408	342,578,100	32,521
179	829,053	4,625	995,171	5,552
633	5,222,207	8,254	5,709,941	9,025
1,418	17,927,850	12,640	18,110,448	12,769
1,412	24,669,138	17,467	23,586,164	16,700
2,265	55,791,355	24,629	50,574,402	22,326
1,383	47,982,279	34,694	41,778,499	30,209
1,477	71,981,724	48,749	59,955,076	40,604
1,110	83,672,148	75,385	65,810,910	59,293
656	117,575,197	179,092	76,057,489	115,851
-	26,694	-	23,431	-

**Table 2.3**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE ANNUAL INCOME**  
**AND EXPENDITURES BY INCOME CLASS, URBAN AND RURAL**  
**1985 and 1988**

Income class	1985				
	Total number of families (thousands)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
<b>Urban</b>					
Total	3,726	171,869,677	46,127	145,815,208	39,134
Under P 6,000	45	195,664	4,349	288,623	6,415
6,000 - 9,999	168	1,380,440	8,239	1,557,600	9,296
10,000 - 14,999	369	4,678,960	12,681	4,921,564	13,338
15,000 - 19,999	444	7,786,993	17,553	7,907,224	17,824
20,000 - 29,999	757	18,737,649	24,742	18,359,192	24,243
30,000 - 39,999	553	19,202,853	34,703	17,572,202	31,756
40,000 - 59,999	647	31,447,237	48,637	27,996,901	43,301
60,000 - 99,999	457	34,814,518	76,126	29,599,596	64,723
100,000 and over	286	53,625,363	187,278	37,612,306	131,355
<b>Rural</b>					
Total	6,121	133,905,597	21,875	118,736,647	19,397
Under P 6,000	331	1,504,186	4,546	1,790,605	5,412
6,000 - 9,999	949	7,821,735	8,240	8,382,844	8,831
10,000 - 14,999	1,409	17,528,298	12,440	17,319,285	12,291
15,000 - 19,999	1,096	18,982,821	17,317	17,934,513	16,360
20,000 - 29,999	1,179	28,635,792	24,288	26,184,948	22,209
30,000 - 39,999	532	18,199,536	34,191	16,012,214	30,082
40,000 - 59,999	397	19,051,728	47,995	15,787,583	39,772
60,000 - 99,999	168	12,410,754	73,692	9,467,480	56,216
100,000 and over	59	9,770,747	164,889	5,857,174	98,845

Notes: 1. Final results of the 1988 FIES exclude data for Rizal province as fire destroyed accomplished questionnaires of this province.

2. 1991 data are not yet available.

Source: 1985 and 1988 Family Income and Expenditure Survey (FIES), National Statistics Office.

Table 2.3 (continued)

Total number of families (thousands)	1988*			
	Income		Expenditures	
	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
3,985	240,422,237	60,330	188,493,475	47,299
21	93,779	4,376	139,920	6,530
73	605,689	8,284	700,948	9,586
195	2,492,045	12,763	2,523,904	12,926
304	5,306,175	17,466	5,204,427	17,131
718	17,890,344	24,929	16,901,744	23,552
597	20,811,474	34,865	18,805,316	31,504
802	39,435,251	49,159	34,163,126	42,587
753	57,237,070	76,033	46,152,701	61,309
522	96,550,411	184,966	63,901,389	122,419
6,549	185,228,715	28,284	154,084,625	23,529
158	735,274	4,659	855,251	5,419
560	4,616,518	8,250	5,008,993	8,951
1,223	15,435,805	12,620	15,586,544	12,744
1,109	19,362,963	17,467	18,381,737	16,582
1,548	37,901,011	24,490	33,672,658	21,758
786	27,170,806	34,565	22,973,183	29,225
674	32,546,473	48,261	25,791,950	38,245
357	26,435,079	74,018	19,658,209	55,043
135	21,024,786	156,296	12,156,100	90,367

**Table 2.4**  
**NUMBER OF FAMILIES, AVERAGE ANNUAL INCOME AND EXPENDITURES BY REGION**  
**1988 and 1991**

Region	1988			
	Number of families (thousand)	Average Income	Average Expenditures	Savings
Philippines	10,534	40,408	32,521	7,887
Urban	3,985	60,330	47,299	13,031
Rural	6,549	28,284	23,529	4,755
National Capital Region	1,435	79,314	60,355	18,959
Cordillera Autonomous Region	214	33,838	28,722	5,116
Ilocos Region	625	34,031	27,670	6,361
Cagayan Valley Region	438	32,939	24,582	8,357
Central Luzon Region	1,038	46,855	38,660	8,195
Southern Tagalog Region	1,284	37,978	32,058	5,920
Bicol Region	738	26,570	23,253	3,317
Western Visayas Region	957	31,164	27,162	4,002
Central Visayas Region	830	27,972	22,157	5,815
Eastern Visayas Region	598	25,345	20,533	4,812
Western Mindanao Region	539	31,984	24,624	7,360
Northern Mindanao Region	607	35,801	28,865	6,936
Southern Mindanao Region	738	37,132	30,061	7,071
Central Mindanao Region	493	35,090	27,696	7,394

**P Preliminary**

- Notes:** 1. Final results of the 1988 FIES 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 1991 were derived using the respective regional CPIs with base year 1988 as deflators.

**Source:** Family Income and Expenditure Surveys (FIES), National Statistics Office.

Table 2.4 (continued)

Number of families (thousand)	1991 (at current prices) P/			1991 (at 1988 prices) P/		
	Average Income	Average Expenditures	Savings	Average Income	Average Expenditures	Savings
11,975	65,563	52,490	13,073	43,134	34,533	8,601
5,938	90,097	70,880	19,217	59,274	46,632	12,643
6,037	41,430	34,400	7,030	27,257	22,632	4,625
1,644	140,011	106,379	33,632	91,153	69,257	21,896
228	58,942	43,493	15,449	39,373	29,053	10,320
672	56,467	47,414	9,053	37,821	31,758	6,064
489	51,473	40,701	10,772	34,897	27,594	7,303
1,195	75,960	59,989	15,971	50,271	39,702	10,570
1,616	69,290	55,222	14,068	45,228	36,046	9,183
824	40,158	35,571	4,587	25,942	22,979	2,963
1,070	47,713	43,614	4,099	30,390	27,780	2,611
904	45,511	35,947	9,564	27,768	21,932	5,835
661	40,581	32,827	7,754	27,309	22,091	5,218
605	43,257	35,193	8,064	28,347	23,062	5,284
685	44,688	37,868	6,820	30,629	25,955	4,674
830	50,986	40,631	10,355	36,946	29,443	7,504
552	44,253	36,135	8,118	28,886	23,587	5,299

**Table 2.5**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURE**  
**BY EXPENDITURE CLASS, URBAN AND RURAL**  
**1985 and 1988**

Expenditure class	Total number of families (thousands)	1985			
		Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
<b>Urban</b>					
Total	3,726	171,869,677	46,127	145,815,208	39,134
Under P 6,000	54	304,918	5,682	246,373	4,591
6,000 - 9,999	172	1,697,736	9,879	1,427,587	8,307
10,000 - 14,999	394	5,579,957	14,178	4,981,660	12,658
15,000 - 19,999	483	9,412,483	19,503	8,448,766	17,506
20,000 - 29,999	855	23,843,352	27,883	21,187,974	24,777
30,000 - 39,999	598	23,393,577	39,121	20,651,307	34,535
40,000 - 59,999	587	32,733,373	55,795	28,466,008	48,521
60,000 - 99,999	398	34,744,082	87,352	30,142,373	75,782
100,000 and over	187	40,160,200	214,949	30,263,161	161,977
<b>Rural</b>					
Total	6,121	133,905,597	21,875	118,736,647	19,397
Under P 6,000	358	1,998,709	5,585	1,622,827	4,535
6,000 - 9,999	1,032	9,702,989	9,407	8,443,921	8,186
10,000 - 14,999	1,571	21,770,273	13,853	19,553,062	12,442
15,000 - 19,999	1,144	22,011,504	19,241	19,720,557	17,238
20,000 - 29,999	1,115	30,111,020	27,001	27,086,140	24,288
30,000 - 39,999	443	16,870,719	38,060	15,201,272	34,293
40,000 - 59,999	319	16,909,011	52,962	15,199,890	47,609
60,000 - 99,999	114	9,840,329	86,101	8,345,501	73,021
100,000 and over	24	4,691,043	192,179	3,563,478	145,986

Notes: 1. Final results of the 1988 FIES exclude data for Rizal Province as fire destroyed accomplished questionnaires of this province.

2. 1991 data are not yet available.

Source: Family Income and Expenditures Survey (FIES), National Statistics Office.

Table 2.5 (continued)

Total number of families (thousands)	1988			
	Income		Expenditures	
	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
3,985	240,422,237	60,330	188,493,475	47,299
23	127,845	5,617	102,238	4,492
94	1,016,524	10,808	785,607	8,353
270	4,362,095	16,143	3,447,609	12,759
373	7,925,662	21,236	6,561,954	17,582
829	25,070,493	30,226	20,581,967	24,814
666	28,419,389	42,646	23,116,139	34,688
837	51,854,326	61,986	41,077,954	49,104
592	56,457,518	95,303	44,455,886	75,043
300	65,188,384	217,214	48,364,121	161,154
6,549	185,228,715	28,284	154,084,625	23,529
184	1,085,650	5,893	825,162	4,479
668	6,841,645	10,240	5,509,919	8,247
1,407	21,103,677	14,996	17,705,448	12,581
1,302	26,455,139	20,314	22,647,327	17,390
1,517	43,324,292	28,556	36,936,388	24,346
708	29,202,195	41,229	24,326,708	34,345
494	28,050,194	56,823	23,594,386	47,796
219	19,804,547	90,363	16,243,813	74,116
49	9,361,378	192,736	6,295,473	129,614

**Table 2.6**  
**TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME**  
**AND EXPENDITURES BY EXPENDITURE CLASS, PHILIPPINES**  
**1985 and 1988**

Expenditure class	Total number of families (thousand)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
1985					
Total	9,847	305,775,274	31,052	264,551,855	26,865
Under P 6,000	412	2,303,627	5,598	1,869,200	4,542
6,000 - 9,999	1,203	11,400,725	9,474	9,871,507	8,203
10,000 - 14,999	1,965	27,350,230	13,918	24,534,722	12,486
15,000 - 19,999	1,627	31,423,987	19,319	28,169,323	17,318
20,000 - 29,999	1,970	53,954,372	27,383	48,274,113	24,501
30,000 - 39,999	1,041	40,264,296	38,669	35,852,578	34,432
40,000 - 59,999	906	49,642,384	54,797	43,665,898	48,200
60,000 - 99,999	512	44,584,411	87,073	38,487,874	75,166
100,000 and over	211	44,851,242	212,318	33,826,639	160,129
1988					
Total	10,535	425,650,952	40,408	342,578,100	32,521
Under P 6,000	207	1,213,495	5,862	927,400	4,480
6,000 - 9,999	762	7,858,169	10,310	6,295,526	8,260
10,000 - 14,999	1,677	25,465,772	15,181	21,153,056	12,610
15,000 - 19,999	1,676	34,380,801	20,519	29,209,281	17,433
20,000 - 29,999	2,347	68,394,784	29,146	57,518,355	24,511
30,000 - 39,999	1,375	57,621,584	41,916	47,442,848	34,512
40,000 - 59,999	1,330	79,904,520	60,070	64,672,339	48,619
60,000 - 99,999	812	76,262,065	93,969	60,699,699	74,793
100,000 and over	349	74,549,762	213,804	54,659,594	156,760

- Notes: 1. Final results of the 1988 FIES exclude data for Rizal Province as fire destroyed accomplished questionnaires of this province.  
2. 1991 data are not yet available.

Source: Family Income and Expenditures Survey, National Statistics Office.

**Table 2.7**  
**TOTAL NUMBER OF FAMILIES BY MAIN SOURCE OF INCOME, PHILIPPINES**  
*(In thousands)*  
**1961, 1965, 1971, 1985 and 1988**

Source of income	1961	1965	1971	1985	1988
Total	4,426	5,126	6,347	9,847	10,534
Wages and salaries	1,595	1,996	2,727	3,966	4,718
Percent to total	36.0	38.9	43.0	40.3	44.8
Entrepreneurial activities	2,567	2,877	3,235	4,026	4,088
Percent to total	58.1	56.1	51.0	40.9	38.8
Other sources	261	253	384	1,855	1,728
Percent to total	5.9	4.9	6.0	18.8	16.4

Notes: 1. Final results of the 1988 FIES-exclude data for Rizal Province as fire destroyed accomplished questionnaires of this province.  
2. 1991 data are not yet available.

Source: Family Income and Expenditures Survey(FIES), National Statistics Office.

**Table 2.8**  
**PERCENTAGE DISTRIBUTION OF TOTAL FAMILY INCOME BY INCOME DECILE, PHILIPPINES**  
**1965, 1971, 1985, 1988 and 1991**

Income decile	1965	1971	1985	1988	1991 P/
Total	100.0	100.0	100.0	100.0	100.0
First decile	1.1	1.2	2.0	2.0	1.8
Second decile	2.4	2.4	3.2	3.2	2.9
Third decile	3.5	3.5	4.1	4.1	3.7
Fourth decile	4.6	4.6	5.0	5.0	4.6
Fifth decile	5.7	5.9	6.0	6.0	5.6
Sixth decile	7.1	7.4	7.3	7.3	6.9
Seventh decile	8.9	9.9	8.9	9.0	8.7
Eighth decile	11.2	11.1	11.4	11.6	11.3
Ninth decile	15.4	16.9	15.7	16.0	16.0
Tenth decile	40.1	37.1	36.4	35.8	38.6

P Preliminary

Source: National Statistics Office.

**Table 2.9**  
**PERCENTAGE DISTRIBUTION OF TOTAL FAMILY EXPENDITURES**  
**BY MAJOR EXPENDITURE GROUP, PHILIPPINES**  
**1965, 1971, 1985, 1988 and 1991**

Expenditure group	1965	1971	1985	1988	1991 P/
Total family expenditures (in thousand pesos)	14,748,076	28,430,424	264,551,855	342,578,100	
Percent	100.0	100.0	100.0	100.0	100.0
Food	53.7	53.7	51.9	50.7	47.6
Food consumed at home	50.8	51.0	48.8	47.3	...
Cereals and cereal preparation	21.1	19.6	18.5	15.9	...
Fish and marine products	9.3	8.9	7.9	7.5	...
Meat, meat preparations, dairy products and eggs	8.4	9.7	10.3	10.3	...
Roots, tubers, fruits & vegetabl	5.0	5.5	5.3	5.8	...
Miscellaneous	6.9	7.4	6.7	7.9	...
Food regularly consumed outside the home	2.9	2.7	3.1	3.4	...
Alcoholic beverages	1.6	1.7	1.1	1.1	1.1
Tobacco	3.2	3.3	2.3	2.1	1.7
Housing	9.1	9.4	12.7	12.8	13.2
Fuel, light and water	3.6	3.6	5.5	5.2	5.8
Household furnishings & equipmen	2.0	2.3	1.9	2.2	2.5
Household operations	2.5	2.4	2.4	2.5	2.7
Clothing, footwear & other wear	6.5	6.2	3.6	4.2	3.7
Personal care and effects	2.5	2.2	2.1	3.3	3.6
Medical care	1.7	1.8	2.1	1.7	1.8
Transportation & communication	2.6	2.9	4.4	4.7	5.5
Recreation	1.8	1.8	0.4	0.5	0.4
Education	3.5	3.7	3.5	2.9	3.0
Gifts and contributions	0.9	0.6	1.0	1.0	0.9
Taxes	0.6	0.3	1.0	1.1	1.4
Special occasions	2.7	2.5	2.2	2.3	2.4
Other expenditures	1.5	1.5	1.8	1.8	2.9

P Preliminary.

Note: Final results of the 1988 FIES exclude data for Rizal Province as fire destroyed accomplished questionnaires of this province.

Source: Family Income and Expenditures Survey(FIES), National Statistics Office.

**Table 2.10A**  
**ANNUAL PER CAPITA POVERTY THRESHOLDS AND INCIDENCES OF FAMILIES BY REGION**  
**1988 and 1991**

Region	1988			1991		
	Annual Per Capita Poverty Threshold a/ (Pesos)	Magnitude of Families b/	Incidence c/ (%)	Annual Per Capita Poverty Threshold a/ (Pesos)	Magnitude of Families b/	Incidence c/ (%)
Philippines	4,777	4,230,484	40.2	7,350	4,879,620	40.7
National Capital Region	6,576	310,284	21.6	9,471	245,018	14.9
Areas Outside NCR	4,489	3,920,200	43.1	7,004	4,634,602	44.9
CAR	5,116	89,572	41.9	6,574	85,666	37.6
Region I	4,934	280,344	44.9	8,123	332,014	49.4
Region II	4,573	177,072	40.4	7,072	210,977	43.1
Region III	5,242	304,313	29.3	8,293	394,612	33.0
Region IV	4,832	527,360	41.1	8,083	613,452	38.0
Region V	4,144	402,522	54.5	6,476	461,776	56.1
Region VI	4,344	472,909	49.4	6,545	499,975	46.7
Region VII	3,711	388,571	46.8	5,650	383,210	42.4
Region VIII	3,818	292,953	48.9	5,240	269,471	40.7
Region IX	3,793	208,710	38.7	6,957	329,525	54.5
Region X	4,523	279,900	46.1	6,564	378,170	55.2
Region XI	4,876	318,117	43.1	6,529	394,416	47.5
Region XII	4,147	177,807	36.1	6,913	281,339	51.0

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

Region	1988			1991		
	Annual Per Capita Poverty Threshold a/ (Pesos)	Magnitude of Population b/	Incidence c/ (%)	Annual Per Capita Poverty Threshold a/ (Pesos)	Magnitude of Population b/	Incidence c/ (%)
Philippines	4,777	25,005,345	45.5	7,350	29,374,747	46.5
National Capital Region	6,576	1,909,886	25.2	9,471	1,684,711	18.9
Areas Outside NCR	4,489	23,095,459	48.7	7,004	27,690,036	51.0
CAR	5,116	536,434	50.7	6,574	537,286	43.0
Region I	4,934	1,650,993	51.7	8,123	2,056,568	57.4
Region II	4,573	961,787	44.6	7,072	1,176,920	48.7
Region III	5,242	1,835,976	33.8	8,293	2,406,558	37.6
Region IV	4,832	3,085,179	46.6	8,083	3,658,546	43.5
Region V	4,144	2,430,346	61.4	6,476	2,800,286	62.4
Region VI	4,344	2,864,736	56.6	6,545	3,119,147	54.6
Region VII	3,711	2,154,799	52.1	5,650	2,137,206	47.8
Region VIII	3,818	1,654,830	54.7	5,240	1,583,263	48.3
Region IX	3,793	1,258,269	43.7	6,957	1,926,108	59.3
Region X	4,523	1,618,657	50.2	6,564	2,266,876	60.6
Region XI	4,876	1,933,694	48.9	6,529	2,339,854	53.0
Region XII	4,147	1,109,761	41.0	6,913	1,681,420	57.2

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

b/ The number of individuals in families (population) whose annual per capita income fall below the annual per capita threshold.

c/ The proportion of population whose annual per capita income fall below the annual per capita poverty threshold.

Sources: Technical Working Group on Poverty Determination, NSCB

**Table 2.11**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**AND INFLATION RATE : (1988=100)**  
**1988 to 1993**

Year	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 (%)
1988	100.0		100.0		100.0	
1989	112.2	12.2	109.6	14.3	113.1	13.1
1990	128.0	14.2	127.3	20.2	128.3	13.4
1991	152.0	18.7	153.6	20.7	151.4	18.1
January	143.7	17.8	144.2	22.3	143.6	16.5
February	146.8	19.9	146.5	23.7	146	18.8
March	148.1	20.4	148.6	24.1	148	19.4
April	149.1	20.2	149.7	21.9	148.9	19.7
May	150.0	20.1	150.2	21.4	149.8	19.6
June	151.5	20.1	152.2	21.2	151.3	19.9
July	152.9	19.4	154	19.2	152.6	19.4
August	154.6	19.9	156.1	20.4	154.1	19.8
September	156.4	20.1	159.8	20.9	155.3	19.8
October	156.5	17	159.5	19.7	155.5	17.3
November	157.1	16.2	161.0	19.3	155.9	15.2
December	157.8	13.1	161.8	15.3	156.5	12.3
1992	165.6	8.9	172.3	12.2	163.4	7.9
January	159.2	10.8	162.9	13.0	158.0	10.0
February	159.8	8.9	163.2	11.4	158.7	8.0
March	161.1	8.8	166.9	12.3	159.2	7.6
April	162	8.7	167.8	12.1	160.1	7.5
May	163.7	9.2	171.9	14.4	161.0	7.5
June	165.5	9.2	173.1	13.7	163	7.7
July	167	9.2	175.3	13.8	164.3	7.7
August	168.3	8.9	175.3	12.3	166	7.7
September	169.7	8.5	177.9	11.3	167	7.5
October	170.1	8.7	177.4	11.2	167.7	7.8
November	170.5	8.5	178.4	10.8	167.9	7.8
December	170.6	8.1	177.8	9.9	168.3	7.5
1993						
January	172.3	8.2	181.7	11.3	169.2	7.2
February	172.9	8.3	181.7	11.3	170.0	7.2
March	173.6	7.8	184.1	10.2	170.2	7.0
April	174	7.4	184.9	10.1	170.5	6.5
May	174.6	6.7	185.7	8.0	171.0	6.3
June	176.4	6.7	189.3	9.2	172.2	5.7

Source: National Statistics Office.

**Table 2.12**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN THE PHILIPPINES : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	112.2	114.0	109.4	113.6	109.9	106.0	80.0
1990	128.1	127.6	120.3	132.8	136.0	129.3	120.5
1991	152.0	147.2	140.6	159.2	173.3	171.4	140.0
January	143.7	140.6	131.3	145.3	164.9	162.3	130.4
February	146.8	143.0	133.8	151.9	169.6	164.4	133.9
March	148.1	143.8	135.9	154.4	172.1	165.4	136.0
April	149.1	144.5	137.2	155.6	174.1	166.3	137.4
May	149.9	145.2	138.9	156.2	175.3	167.4	138.7
June	151.5	146.0	140.6	157.6	176.3	173.9	140.1
July	152.9	147.5	142.1	159.7	176.2	175.5	141.0
August	154.6	149.9	143.2	160.8	174.8	175.9	142.0
September	156.4	151.5	144.7	166.0	174.0	175.1	143.5
October	156.5	150.9	145.6	168.6	174.2	175.7	145.1
November	157.1	151.5	146.8	169.1	173.7	176.5	145.5
December	157.8	152.2	147.5	164.9	173.8	177.8	146.7
1992	165.6	157.3	155.7	187.6	183.1	183.6	158.7
January	159.2	153.0	149.3	170.8	175.8	178.9	152.2
February	159.8	152.9	150.0	173.5	177.7	179.4	153.9
March	161.1	152.9	151.1	180.7	179.5	179.9	155.1
April	162.0	153.4	153.1	182.7	181.4	180.5	156.7
May	163.7	154.9	154.0	187.4	182.2	180.6	157.6
June	165.5	156.5	155.9	189.2	183.3	184.2	158.7
July	167.0	157.9	157.2	192.3	183.9	185.5	160.0
August	168.3	159.4	158.0	193.3	185.2	186.8	160.8
September	169.7	161.4	158.7	193.5	185.7	186.7	161.6
October	170.1	161.5	159.7	195.0	186.6	186.7	162.3
November	170.5	161.8	160.2	196.3	187.5	186.9	163.0
December	170.6	161.7	161.6	196.6	188.0	187.3	162.8
1993							
January	172.3	162.3	163.1	200.7	189.8	188.3	168.5
February	172.9	162.4	163.8	203.2	191.7	189.2	169.2
March	173.6	162.3	164.5	208.1	191.9	189.7	169.6
April	174.0	162.6	165.3	208.6	192.5	190.2	170.1
May	174.6	162.9	166.1	209.0	196.1	190.9	170.7
June	176.4	163.8	167.4	210.9	198.3	198.4	171.2

Source: National Statistics Office.

**Table 2.13**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN METROPOLITAN MANILA AREA (NCR) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1989	109.6	109.7	106.1	114.3	107.6	104.5	106.8
1990	127.3	124.5	111.8	137.4	139.0	124.4	117.4
1991	153.6	144.6	131.8	168.0	176.6	166.4	136.2
January	144.2	137.7	122.6	149.8	175.7	158.3	125.9
February	146.5	137.6	125.3	158.5	176.7	159.3	128.5
March	148.6	139.5	126.8	162.9	177.3	159.5	129.9
April	149.7	140.8	128.6	163.0	177.8	160.6	132.5
May	150.2	141.4	130.3	163.0	179.0	161.1	133.8
June	152.2	142.5	132.0	163.7	178.8	169.2	136.1
July	154.0	144.6	133.1	164.9	179.0	172.0	137.2
August	156.1	148.5	134.4	166.0	177.8	171.4	138.7
September	159.8	150.9	135.6	177.6	175.7	170.2	141.5
October	159.5	148.3	136.6	181.8	174.5	170.8	142.1
November	161.0	150.8	137.8	182.1	173.6	171.5	143.4
December	161.8	152.1	138.1	182.2	173.0	172.4	144.6
1992	172.3	154.8	146.5	213.1	184.5	176.7	157.0
January	162.9	152.1	140.9	183.4	175.9	174.0	149.5
February	163.2	150.0	141.7	187.6	179.2	174.5	150.9
March	166.9	149.7	142.1	203.0	184.5	175.0	152.0
April	167.8	150.1	144.5	205.0	185.9	174.6	154.3
May	171.9	153.5	145.5	215.2	187.2	174.3	156.0
June	173.1	153.9	147.0	217.5	187.0	177.2	157.6
July	175.3	155.8	147.3	222.6	186.2	178.1	158.4
August	175.3	155.3	147.7	223.6	185.5	178.5	158.9
September	177.9	160.4	148.6	223.6	184.4	178.7	159.9
October	177.4	159.1	150.7	223.7	185.0	178.3	160.8
November	178.4	159.9	150.7	226.0	186.3	178.3	162.6
December	177.8	158.2	151.5	226.2	187.3	178.5	162.6
1993							
January	181.7	162.5	152.8	231.7	189.4	180.2	167.9
February	181.7	160.5	153.1	235.0	191.8	180.9	168.4
March	184.1	159.9	153.9	246.2	191.7	181.2	168.8
April	184.9	160.8	155.6	246.9	192.1	181.7	169.1
May	185.7	160.1	157.5	248.5	201.4	182.2	170.0
June	189.3	162.6	158.0	250.4	202.2	196.0	170.6

Source: National Statistics Office.

**Table 2.14**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN AREAS**  
**OUTSIDE METROPOLITAN MANILA AREA : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.1	115.2	110.2	113.1	110.7	106.6	108.1
1990	128.3	128.4	122.4	129.7	134.9	131.5	121.3
1991	150.3	147.9	142.9	153.8	172.0	173.6	141.0
January	143.6	141.3	133.5	142.3	160.9	164.1	131.5
February	146.9	144.4	135.9	147.3	166.9	166.7	135.2
March	148.0	144.9	138.2	148.6	170.1	168.0	137.5
April	148.9	145.5	139.4	150.6	172.7	168.8	138.6
May	149.8	146.2	141.0	151.5	173.9	170.1	139.9
June	151.3	146.9	142.7	153.5	175.4	175.9	141.1
July	152.6	148.2	144.3	156.2	175.1	177.1	141.9
August	154.1	150.2	145.4	157.2	173.7	177.8	142.8
September	155.3	151.7	147.0	158.0	173.4	177.3	144.0
October	155.5	151.5	147.9	159.6	174.1	177.9	145.8
November	155.9	151.7	149.0	160.2	173.8	178.7	146.0
December	141.3	152.2	149.9	160.8	174.1	180.2	147.2
1992	163.4	157.9	158.0	170.2	182.5	186.6	159.2
January	158.0	153.2	151.4	162.1	175.8	181.0	152.9
February	158.7	153.6	152.1	163.9	177.1	181.6	154.6
March	159.2	153.7	153.3	165.5	177.7	182.1	155.9
April	160.1	154.2	155.3	167.4	179.7	183.1	157.3
May	161.0	155.2	156.1	168.3	180.4	183.4	158.0
June	163.0	157.1	158.1	169.9	181.9	187.3	159.0
July	164.3	158.4	159.7	171.6	183.1	188.7	160.4
August	166.0	160.4	160.6	172.6	185.1	189.6	161.3
September	167.0	161.7	161.2	172.9	186.2	190.2	162.0
October	167.7	162.1	162.0	175.3	187.2	190.4	162.7
November	168.0	162.3	162.6	176.0	188.0	190.6	163.5
December	168.3	162.6	164.1	176.4	188.3	191.1	162.9
1993							
January	169.2	162.3	165.6	179.5	190.0	191.9	168.7
February	170.0	162.9	166.5	181.5	191.7	192.9	169.5
March	170.2	162.9	167.1	182.0	192.0	193.4	170.0
April	170.5	163.0	167.7	182.4	192.7	193.9	170.5
May	171.0	163.6	168.3	182.0	194.7	194.6	171.1
June	172.2	164.1	169.7	183.9	196.8	199.4	171.5

Source: National Statistics Office.

**Table 2.15**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN THE CORDILLERA ADMINISTRATIVE REGION : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	115.2	117.6	107.8	117.6	108.4	110.1	107.4
1990	129.4	129.2	113.0	136.6	128.4	137.2	119.7
1991	149.7	149.4	125.4	133.5	172.2	186.8	138.2
January	141.8	139.8	118.4	128.0	169.7	182.1	131.4
February	144.9	143.6	120.2	129.6	172.5	184.6	133.7
March	145.3	144.0	120.5	129.7	173.5	184.8	134.4
April	145.9	144.4	122.2	130.1	173.7	185.5	136.4
May	147.0	145.5	123.5	130.4	176.5	185.9	137.5
June	147.7	146.1	124.9	130.6	177.6	187.7	138.0
July	149.7	148.9	126.2	131.8	178.2	187.8	139.1
August	152.0	152.4	128.5	134.1	173.8	187.8	139.0
September	154.0	155.4	128.1	137.5	166.7	188.0	140.7
October	154.3	154.8	130.3	139.9	168.1	188.4	141.6
November	156.6	158.6	130.9	139.9	168.1	188.7	142.3
December	157.3	159.0	131.4	140.0	168.1	190.6	144.7
1992	91.9	90.5	78.6	90.0	92.9	111.8	88.3
January	156.7	155.1	132.6	149.7	168.1	190.7	149.3
February	159.8	156.0	133.5	165.8	169.6	192.4	151.2
March	155.7	153.2	134.3	152.1	156.4	193.2	150.7
April	156.4	154.1	134.2	152.3	155.6	194.2	150.9
May	156.9	154.8	134.6	152.7	155.1	185.9	151.8
June	158.1	156.3	136.3	153.5	155.0	187.7	152.4
July	158.7	156.6	137.1	154.3	155.3	197.2	153.2
August	159.8	158.4	137.2	154.0	155.3	197.3	153.4
September	160.9	160.0	137.8	154.9	155.3	197.8	153.7
October	162.7	162.7	138.4	155.1	155.3	197.8	154.6
November	165.2	163.2	139.2	170.4	155.3	198.1	156.0
December	165.5	163.4	140.1	171.0	155.2	198.3	156.4
1993							
January	164.8	160.8	140.7	171.5	161.8	198.8	161.0
February	164.9	160.5	142.9	172.3	160.7	199.5	161.5
March	164.9	159.6	143.0	175.7	160.7	200.2	161.9
April	166.9	162.7	143.2	176.2	160.9	200.4	162.1
May	168.7	163.6	143.4	184.6	161.1	200.7	163.4
June	169.9	163.9	143.4	188.0	161.0	206.6	163.9

Source: National Statistics Office.

**Table 2.16**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION I (ILOCOS) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.7	115.6	115.0	109.8	112.5	105.2	115.4
1990	128.5	129.0	124.9	113.1	139.4	131.3	135.1
1991	149.3	145.8	146.3	122.7	174.5	178.4	154.4
January	141.2	138.1	135.7	117.2	162.8	170.0	144.9
February	143.1	139.2	139.9	117.8	168.2	172.1	149.6
March	144.4	140.2	141.8	118.7	172.2	172.6	152.4
April	146.2	141.1	144.3	126.0	173.9	173.6	155.1
May	147.0	142.0	146.5	125.6	174.8	174.2	156.0
June	149.5	143.2	148.0	125.7	174.8	190.1	156.4
July	149.7	145.8	148.5	120.1	175.6	181.6	156.0
August	152.4	149.9	149.2	121.8	176.6	181.7	155.3
September	152.3	149.7	149.9	122.1	176.2	180.8	156.1
October	154.0	151.7	150.1	125.9	179.7	180.1	155.5
November	154.5	152.4	149.9	125.7	179.6	180.8	156.1
December	157.4	156.3	151.6	125.8	179.1	182.9	159.9
1992	91.9	88.8	93.5	74.9	106.5	107.6	104.0
January	156.9	154.4	154.1	128.3	179.6	181.4	165.3
February	157.5	153.0	158.5	127.4	180.7	182.2	179.1
March	155.0	148.8	157.7	127.4	182.8	182.0	179.4
April	155.3	148.8	158.9	128.3	183.4	182.4	179.8
May	155.7	149.2	159.9	128.6	183.6	182.4	180.1
June	160.7	155.5	166.1	129.2	184.0	189.4	181.8
July	161.2	155.9	166.6	129.6	184.2	191.0	182.2
August	163.9	158.0	170.4	131.9	186.1	193.5	189.3
September	165.3	159.9	172.5	131.7	186.2	194.0	190.8
October	166.6	161.8	174.5	131.7	186.5	194.2	191.5
November	167.4	162.9	176.0	131.6	186.7	194.2	192.2
December	167.6	163.6	186.5	131.7	186.7	194.6	182.1
1993							
January	170.2	161.2	193.2	150.1	200.6	197.9	190.2
February	170.3	160.6	196.8	150.2	202.1	198.7	191.7
March	170.4	160.3	193.0	150.2	202.2	199.1	193.4
April	172.2	162.7	200.7	150.3	202.8	199.4	195.6
May	173.0	163.5	202.7	150.6	204.5	199.9	195.9
June	175.0	164.5	207.4	151.1	211.7	205.2	198.0

Source: National Statistics Office.

**Table 2.17**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 2 (CAGAYAN VALLEY) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.3	100.0
1989	110.8	113.5	109.0	106.9	106.6	106.4	104.3
1990	127.7	128.5	120.3	144.9	114.7	126.6	115.9
1991	147.5	146.0	142.1	155.1	135.1	168.3	133.6
January	139.6	138.9	131.5	149.3	125.6	157.3	124.2
February	141.5	140.7	132.4	149.4	129.1	159.9	127.2
March	142.4	140.8	134.3	152.0	130.5	162.5	130.1
April	143.3	141.4	136.8	152.5	131.4	164.6	130.4
May	143.8	141.7	137.8	152.8	132.7	165.2	131.4
June	146.5	145.3	138.4	153.2	133.8	167.9	132.3
July	146.6	144.9	138.9	153.5	136.1	168.9	133.4
August	150.7	150.6	142.0	155.0	138.3	169.5	134.7
September	151.9	151.0	149.7	155.2	139.8	172.4	136.4
October	151.8	149.8	153.2	156.9	140.4	173.5	139.8
November	154.4	152.0	154.6	162.4	141.8	177.9	140.4
December	157.0	154.6	156.1	168.4	141.8	180.1	142.7
1992	93.2	89.1	95.8	108.9	88.7	107.2	89.5
January	156.7	152.5	159.6	169.8	141.7	180.5	147.0
February	157.2	153.2	156.8	175.6	142.3	182.0	148.2
March	158.3	153.4	160.5	179.4	142.3	182.4	149.2
April	159.6	151.9	163.2	186.6	155.7	184.2	156.1
May	158.4	150.1	163.3	186.5	155.8	183.1	156.1
June	162.9	153.1	172.6	201.6	162.3	186.5	157.1
July	164.8	154.8	173.4	207.1	163.9	187.3	159.7
August	166.3	157.3	172.8	206.9	163.6	187.7	158.2
September	167.0	158.3	168.0	206.9	166.8	188.9	158.9
October	169.8	161.7	168.4	213.7	167.6	188.6	159.0
November	171.0	162.7	168.9	216.6	170.8	189.0	160.1
December	171.7	162.6	169.3	224.2	170.8	190.0	159.0
1993							
January	171.5	161.5	169.2	224.7	172.6	189.6	163.9
February	169.7	157.6	170.0	226.2	176.1	190.6	166.1
March	169.8	157.6	170.6	226.2	177.2	190.7	166.3
April	171.0	159.5	171.2	226.2	176.0	191.4	166.3
May	172.5	161.5	172.7	226.4	176.5	192.0	166.3
June	173.5	162.7	173.2	226.4	175.9	194.0	167.0

Source: National Statistics Office.

**Table 2.18**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 3 (CENTRAL LUZON): (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	111.2	111.4	108.2	112.3	121.8	107.7	106.6
1990	125.5	123.6	117.2	118.5	145.3	141.3	119.4
1991	149.3	145.8	146.3	122.7	174.5	178.4	154.4
January	141.2	138.1	135.7	117.2	162.8	170.0	144.9
February	143.1	139.2	139.9	117.8	168.2	172.1	149.6
March	144.4	140.2	141.8	118.7	172.2	172.6	152.4
April	146.2	141.1	144.3	126.0	173.9	173.6	155.1
May	147.0	142.0	146.5	125.6	174.8	174.2	156.0
June	149.5	143.2	148.0	125.7	174.8	190.1	156.4
July	149.7	145.8	148.5	120.1	175.6	181.6	156.0
August	152.4	149.9	149.2	121.8	176.6	181.7	155.3
September	152.3	149.7	149.9	122.1	176.2	180.8	156.1
October	154.0	151.7	150.1	125.9	179.7	180.1	155.5
November	154.5	152.4	149.9	125.7	179.6	180.8	156.1
December	157.4	156.3	151.6	125.8	179.1	182.9	159.9
1992	161.5	160.7	148.5	135.0	168.0	201.1	158.2
January	159.5	159.2	145.7	132.8	166.0	197.9	154.3
February	159.1	158.3	143.5	133.8	166.4	198.5	155.5
March	158.4	156.7	145.0	134.5	166.5	199.0	155.7
April	159.6	158.3	147.2	135.0	167.7	198.7	156.1
May	159.2	157.3	147.5	135.6	167.3	199.5	156.5
June	160.7	159.4	149.3	135.6	167.6	200.5	157.7
July	161.1	159.6	149.8	135.2	168.0	202.1	158.7
August	162.2	161.1	150.2	136.0	168.0	202.6	159.2
September	163.0	162.5	149.8	135.3	169.2	203.2	159.4
October	164.3	164.3	149.9	135.5	169.3	203.4	161.1
November	165.1	165.6	150.8	135.5	169.4	203.4	161.5
December	165.8	166.3	152.9	135.5	170.1	203.8	162.5
1993							
January	165.7	164.7	155.2	137.3	170.4	204.1	169.8
February	166.5	164.7	156.2	141.1	173.7	204.9	169.9
March	166.4	164.2	156.3	141.9	173.8	205.3	170.4
April	166.8	164.5	156.7	142.8	174.0	205.6	170.6
May	166.4	165.1	156.6	136.3	174.3	205.7	170.8
June	168.4	165.6	157.9	139.2	183.5	213.1	171.0

Source: National Statistics Office.

**Table 2.19**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 4 (SOUTHERN TAGALOG) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.9	115.3	113.1	118.4	110.5	107.3	107.3
1990	129.1	127.8	120.3	118.5	141.8	128.0	120.9
1991	153.2	147.5	147.7	169.3	188.5	164.4	138.8
January	144.7	140.9	139.2	151.5	175.3	157.0	131.5
February	148.4	142.9	141.9	162.7	185.9	159.7	134.8
March	149.7	143.8	144.6	163.7	189.3	161.0	136.8
April	150.6	144.5	145.6	166.2	189.8	161.5	137.4
May	151.6	145.6	147.1	166.9	190.6	162.3	138.0
June	152.9	146.5	148.0	169.6	190.6	166.0	138.8
July	154.7	148.0	149.2	173.6	191.5	168.4	139.5
August	155.8	149.6	150.0	174.4	190.4	168.2	140.0
September	156.7	151.1	150.9	174.9	189.5	166.4	141.0
October	157.1	151.6	151.2	175.6	189.5	166.7	141.4
November	157.5	151.9	152.1	175.8	189.9	167.1	142.8
December	158.6	153.0	153.0	176.6	189.9	168.8	143.6
1992	165.1	158.3	160.2	187.2	193.7	176.1	153.2
January	160.2	154.2	154.3	178.3	190.6	170.1	148.8
February	160.7	154.2	155.2	181.4	191.1	170.4	149.7
March	161.6	154.8	156.4	183.1	192.2	171.5	150.6
April	162.2	155.2	158.1	184.1	192.7	172.8	151.3
May	163.6	156.9	159.1	185.5	193.4	173.1	152.5
June	164.8	157.6	159.4	187.8	192.8	177.4	153.0
July	165.5	158.0	161.6	189.1	193.8	178.3	154.1
August	166.8	159.4	162.4	190.3	195.5	179.1	154.8
September	168.1	161.2	163.0	190.9	195.8	179.9	155.5
October	168.6	161.6	163.5	191.9	196.0	180.2	155.7
November	169.3	162.7	164.2	191.9	196.2	180.2	155.9
December	169.6	163.2	165.0	192.0	194.6	180.4	156.1
1993							
January	170.4	163.5	165.4	192.5	195.3	180.8	161.5
February	170.4	162.4	166.0	196.1	196.8	182.2	162.1
March	170.3	161.8	166.9	196.3	197.1	183.5	162.4
April	170.5	161.7	167.3	196.8	197.2	184.4	162.7
May	171.6	162.6	167.4	198.5	200.7	186.0	163.6
June	172.9	163.3	168.5	201.1	201.4	190.5	163.7

Source: National Statistics Office.

**Table 2.20**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 5 (BICOL): (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	114.3	117.5	111.6	116.8	100.0	104.0	109.5
1990	132.8	131.9	125.7	143.5	120.4	148.4	119.4
1991	154.8	148.9	146.8	164.3	164.1	191.0	141.8
January	148.7	144.8	136.0	157.7	148.5	183.8	130.7
February	151.4	147.2	139.3	160.1	153.5	185.3	135.3
March	152.9	148.1	142.5	161.4	160.2	185.9	138.5
April	152.7	147.0	143.8	162.3	163.3	186.4	140.0
May	153.7	147.6	146.3	164.3	166.9	187.6	141.0
June	154.1	147.0	146.5	164.7	168.6	193.3	142.3
July	155.3	148.4	147.6	165.2	169.1	194.5	143.1
August	156.1	149.7	148.3	166.2	168.1	192.4	143.9
September	157.6	151.4	151.6	167.2	167.4	194.0	145.5
October	158.3	152.1	152.2	167.3	167.5	195.0	146.6
November	158.4	152.0	153.3	167.5	167.9	195.6	147.1
December	158.5	151.6	154.2	167.4	168.7	197.9	148.1
1992	165.8	156.3	163.1	183.2	178.8	208.3	159.7
January	160.3	153.1	156.8	170.7	168.5	198.2	154.0
February	161.7	154.4	156.4	172.9	171.8	199.1	154.5
March	161.4	153.5	157.2	173.2	173.2	200.0	155.8
April	161.5	152.1	159.1	178.4	176.4	201.7	156.4
May	162.1	151.9	161.1	180.2	177.4	204.0	158.8
June	164.0	153.2	163.3	181.8	179.0	210.9	160.0
July	165.6	154.0	165.5	188.6	179.9	213.1	160.8
August	168.3	157.7	166.4	188.8	182.4	213.9	162.0
September	169.4	159.2	167.0	189.3	183.0	214.3	162.7
October	171.4	161.8	168.0	190.9	184.2	214.4	163.2
November	171.6	161.8	168.3	191.5	184.4	214.9	164.0
December	172.0	162.3	168.4	191.5	184.9	215.4	164.4
1993							
January	171.8	160.9	168.5	191.5	188.0	216.0	170.5
February	174.1	163.6	168.8	195.0	189.3	217.0	171.1
March	173.5	162.5	169.3	195.5	188.1	217.2	172.1
April	173.3	162.2	169.9	195.6	188.1	217.3	172.3
May	173.5	162.2	170.4	196.4	188.2	217.7	172.6
June	174.6	162.9	171.4	196.9	190.4	222.0	172.9

Source: National Statistics Office.

**Table 2.21**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 6 (WESTERN VISAYAS): (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	115.0	119.0	110.6	108.7	106.8	106.9	111.5
1990	131.9	135.8	126.1	126.4	121.5	128.7	124.1
1991	157.0	156.3	150.1	165.2	141.6	169.3	151.0
January	151.3	153.3	142.3	150.7	138.2	162.2	137.6
February	153.8	154.8	144.6	153.9	143.7	165.3	144.4
March	154.3	154.5	146.2	156.2	141.3	166.1	149.2
April	154.2	154.2	146.6	158.0	139.6	166.6	148.6
May	155.2	155.1	149.3	158.4	140.5	167.5	149.9
June	156.5	156.0	151.0	160.5	142.9	168.8	151.6
July	159.4	157.8	152.5	173.7	141.9	171.8	152.9
August	160.2	159.0	152.9	173.9	141.7	171.9	154.0
September	160.7	159.7	153.1	173.9	141.1	171.7	154.7
October	160.4	158.9	153.7	173.9	142.4	172.3	155.7
November	159.5	157.0	154.4	174.4	142.6	172.6	156.5
December	158.5	155.0	155.1	174.3	142.9	174.2	157.3
1992	95.3	93.3	92.7	103.1	84.6	104.5	97.0
January	160.6	157.5	155.6	174.9	143.2	174.9	161.9
February	161.0	157.7	157.2	175.1	144.0	175.6	162.6
March	161.5	157.8	156.8	175.3	144.6	176.2	167.5
April	161.9	158.3	158.8	176.2	143.1	177.4	165.1
May	163.2	160.3	159.4	176.2	142.6	177.4	168.4
June	166.6	163.4	161.0	177.8	147.6	185.4	168.4
July	168.5	165.0	163.3	181.6	150.6	186.6	169.8
August	170.4	167.5	164.6	181.9	152.4	188.1	170.4
September	171.2	168.3	165.6	182.0	155.1	188.1	171.8
October	171.6	168.6	167.8	181.7	157.1	188.4	172.8
November	171.3	167.5	167.3	181.8	157.2	190.5	173.8
December	171.5	167.9	167.1	181.5	157.2	191.3	173.4
1993							
January	174.0	171.2	167.7	181.5	156.7	192.7	177.8
February	176.8	174.9	168.6	182.0	160.3	193.9	178.6
March	177.7	176.3	169.4	181.7	160.4	194.2	179.4
April	177.6	175.9	170.0	181.6	161.1	194.6	179.7
May	178.1	176.5	170.3	181.6	161.1	195.8	180.0
June	178.9	177.0	170.4	182.9	161.1	198.8	180.4

Source: National Statistics Office.

**Table 2.22**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 7 (CENTRAL VISAYAS) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	112.7	115.7	111.8	108.3	103.0	106.3	109.5
1990	134.5	133.0	125.2	158.2	152.5	124.5	120.7
1991	163.9	152.2	142.6	203.7	252.2	178.1	137.8
January	155.1	145.9	132.0	193.3	223.5	168.8	127.3
February	156.6	147.2	133.2	194.5	226.6	171.0	128.8
March	158.9	148.8	134.2	194.9	238.6	173.4	132.3
April	160.1	148.1	135.4	195.5	263.9	173.9	133.8
May	160.2	147.8	135.8	195.6	266.0	174.9	134.5
June	160.8	147.9	138.0	196.3	265.8	178.1	135.9
July	166.1	153.7	146.4	207.3	257.7	180.2	140.9
August	167.9	155.7	147.6	208.2	256.8	183.8	142.1
September	168.5	156.8	149.6	208.3	255.6	182.2	142.7
October	170.2	157.7	151.4	216.6	257.4	182.6	143.7
November	171.1	158.7	153.3	216.7	257.2	182.8	145.6
December	171.1	158.2	153.8	216.8	257.6	185.0	145.8
1992	101.9	94.7	92.1	127.2	150.9	108.4	89.5
January	172.6	160.0	156.2	217.0	256.7	185.4	150.0
February	172.8	160.4	154.8	217.0	257.1	185.3	150.1
March	173.9	161.7	155.1	217.7	257.2	185.3	151.6
April	174.5	161.9	158.6	218.6	258.2	185.7	154.1
May	175.5	163.4	158.7	218.6	259.4	184.8	154.4
June	176.3	164.0	160.3	218.9	261.1	186.4	156.2
July	177.6	165.5	161.5	218.8	261.2	188.0	157.4
August	177.8	165.5	162.0	218.7	261.1	189.5	158.2
September	179.0	167.0	165.5	218.6	161.2	190.0	159.1
October	181.5	167.1	165.0	242.5	261.4	189.9	159.3
November	181.4	166.9	165.2	242.6	261.9	189.4	159.3
December	182.1	167.7	165.6	242.6	262.2	191.0	160.1
1993							
January	183.2	167.5	167.7	248.8	263.0	191.2	165.4
February	183.6	167.5	168.8	248.7	267.8	191.7	165.8
March	183.9	167.8	170.4	248.7	268.1	191.9	165.9
April	184.4	168.0	171.1	249.1	270.6	192.5	167.3
May	184.5	167.8	171.6	249.2	272.5	192.8	167.6
June	185.4	167.9	176.0	250.0	273.9	197.2	169.2

Source: National Statistics Office

**Table 2.23**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 8 (EASTERN VISAYAS) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.2	100.0
1989	114.8	116.8	107.5	118.1	113.4	107.0	105.8
1990	125.7	128.2	117.5	119.5	119.4	126.8	116.4
1991	148.6	148.0	138.9	146.0	149.6	170.4	137.3
January	143.6	145.0	129.2	140.5	136.3	160.5	128.0
February	147.1	148.4	132.5	142.9	140.4	164.1	132.3
March	147.6	147.8	135.5	143.5	148.3	166.7	134.2
April	147.5	147.3	136.5	143.8	149.9	167.6	135.3
May	146.9	145.8	137.6	144.2	150.7	169.9	136.3
June	146.8	145.3	138.6	144.3	150.8	171.5	137.7
July	147.7	146.3	139.8	145.3	152.8	171.4	137.8
August	149.7	148.5	140.4	149.6	151.9	172.1	138.7
September	150.8	149.7	142.2	149.5	152.5	173.3	140.4
October	151.1	149.8	143.6	149.5	153.1	173.8	141.7
November	151.7	150.3	144.5	149.6	153.8	176.0	142.4
December	152.8	151.5	146.2	149.7	154.1	177.9	143.2
1992	92.8	90.6	88.2	103.1	95.4	105.4	87.5
January	154.9	153.2	145.8	156.8	153.4	178.7	147.9
February	157.8	154.8	148.1	170.9	161.4	179.6	149.2
March	159.0	155.4	150.2	178.5	162.9	179.9	149.8
April	158.8	155.0	151.5	177.6	165.2	179.0	150.7
May	159.5	155.1	152.1	182.7	166.1	181.4	150.4
June	161.0	156.6	154.5	184.9	167.7	182.7	150.8
July	162.0	157.6	156.3	186.1	168.3	183.4	151.3
August	164.3	160.8	157.6	186.1	168.0	184.0	151.9
September	167.7	165.6	158.0	186.4	169.6	184.2	152.6
October	168.3	166.2	162.0	186.3	169.4	184.4	152.8
November	167.8	165.3	162.8	186.4	169.0	185.3	153.2
December	167.5	164.6	163.4	186.4	170.6	185.6	153.3
1993							
January	167.3	163.1	164.2	192.3	170.0	186.3	158.0
February	169.6	165.9	164.8	192.7	172.6	187.7	159.3
March	170.5	167.0	165.5	193.0	173.9	188.2	159.5
April	170.4	166.5	166.0	193.6	175.1	188.7	159.7
May	170.4	166.4	166.3	193.8	175.7	188.8	159.7
June	170.6	166.5	166.6	194.1	176.1	190.3	159.8

Source: National Statistics Office.

**Table 2.24**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 9 (WESTERN MINDANAO) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.3	115.2	107.3	116.1	108.3	107.8	107.6
1990	129.3	130.5	125.2	131.2	125.2	129.6	122.6
1991	152.6	151.1	148.9	161.6	146.5	173.0	142.2
January	145.3	145.8	138.7	142.5	139.6	163.3	134.0
February	152.2	153.8	142.3	152.5	141.4	166.4	138.1
March	152.1	152.3	144.9	158.1	143.5	167.4	139.2
April	150.4	149.3	145.8	159.3	143.8	168.1	140.4
May	151.0	149.7	145.8	160.8	144.4	170.0	140.5
June	152.3	150.5	149.1	163.2	147.0	171.7	142.3
July	152.8	149.9	149.1	166.8	149.7	177.5	142.4
August	153.9	151.1	151.7	167.0	149.8	177.7	143.7
September	156.6	155.1	153.7	166.9	150.4	177.1	144.7
October	154.6	151.5	155.1	166.9	150.6	179.3	145.5
November	154.8	151.6	155.1	167.6	150.5	177.9	147.1
December	155.7	152.9	155.4	167.9	147.5	179.4	148.1
1992	163.2	159.6	170.3	171.9	159.5	183.7	161.4
January	157.2	153.8	156.3	168.3	150.1	179.7	155.7
February	157.9	154.4	159.8	168.6	150.3	180.2	156.6
March	158.5	154.9	163.1	171.0	149.3	177.6	158.5
April	158.7	153.8	167.2	171.8	152.8	181.7	160.6
May	160.4	155.5	170.4	172.8	156.1	182.0	161.9
June	162.7	158.7	171.1	172.4	156.2	185.0	162.2
July	165.7	162.3	174.3	172.5	160.2	186.5	163.6
August	166.8	164.3	174.7	172.4	156.4	186.4	163.6
September	168.0	165.2	174.8	173.0	168.5	186.4	163.2
October	167.1	163.6	175.9	173.5	169.2	186.3	163.6
November	167.5	164.0	177.1	173.4	173.7	186.0	163.4
December	168.0	164.7	179.3	173.4	170.7	186.3	163.9
1993							
January	170.9	165.3	180.3	192.6	172.6	187.4	171.3
February	172.5	167.4	181.5	192.9	173.7	187.9	171.7
March	173.0	168.0	180.8	193.4	173.3	188.3	172.7
April	172.4	167.1	181.3	193.5	172.8	189.0	172.1
May	173.1	168.0	182.1	193.6	173.3	189.2	172.6
June	173.8	168.7	182.7	193.8	173.1	192.5	172.1

Source: National Statistics Office.

**Table 2.25**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 10 (NORTHERN MINDANAO) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.1	115.2	108.3	108.6	123.6	107.8	106.5
1990	126.4	126.3	120.5	120.2	156.6	130.0	116.7
1991	145.9	141.7	143.3	145.3	183.5	168.1	134.3
January	138.6	137.2	132.1	128.5	168.1	158.0	126.1
February	141.9	140.6	136.0	131.9	172.3	160.5	128.6
March	143.0	140.9	137.7	134.7	177.0	161.7	130.9
April	144.1	140.6	138.8	145.1	179.5	162.7	132.3
May	145.0	141.0	141.4	146.6	182.2	164.6	133.1
June	145.7	140.7	142.8	149.1	183.0	170.1	133.7
July	146.7	141.6	144.8	149.4	184.9	171.2	134.9
August	147.5	142.4	145.7	151.2	184.8	171.7	135.8
September	148.4	143.5	147.8	151.3	186.1	171.6	136.6
October	149.7	144.1	149.0	151.5	192.7	173.9	139.1
November	149.9	143.9	151.1	151.6	195.0	174.5	140.0
December	150.3	143.7	152.8	152.6	196.1	176.4	140.8
1992	159.3	152.8	158.9	158.3	208.7	184.7	152.0
January	151.5	144.2	154.5	153.1	198.3	177.0	147.0
February	153.1	146.2	155.4	153.3	201.2	177.9	147.9
March	154.5	147.8	155.7	156.0	200.3	179.0	148.7
April	156.3	149.8	157.7	157.7	199.5	180.2	151.2
May	157.8	151.8	158.4	158.3	202.6	180.0	151.4
June	160.2	154.2	158.8	158.7	205.9	185.7	152.4
July	161.7	155.8	159.4	159.7	209.4	187.6	153.4
August	163.2	157.5	159.7	159.8	214.9	189.0	153.6
September	163.5	157.6	160.5	159.8	215.5	189.7	154.2
October	163.2	156.7	161.3	160.5	216.3	189.7	154.4
November	162.9	156.3	161.9	160.9	216.1	189.8	154.5
December	163.2	155.8	162.9	161.2	224.5	190.6	154.8
1993							
January	163.9	156.2	164.2	161.5	220.3	191.7	159.4
February	164.9	157.3	164.3	162.8	221.0	192.6	160.2
March	165.5	157.5	164.9	166.5	221.8	192.9	160.9
April	165.5	156.8	165.9	166.9	225.0	193.7	161.7
May	165.7	156.9	167.0	167.2	225.6	194.4	161.8
June	166.8	157.2	168.3	168.3	227.9	200.3	162.4

Source: National Statistics Office.

**Table 2.26**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 11 (SOUTHERN MINDANAO) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	109.9	111.9	107.7	112.2	100.1	103.4	107.1
1990	120.6	120.8	115.2	124.4	118.6	121.9	117.7
1991	138.0	135.3	129.4	136.6	144.9	159.1	133.5
January	132.5	131.5	122.8	129.0	131.1	150.7	126.5
February	135.0	133.9	123.8	129.5	140.9	153.6	128.7
March	135.5	133.9	124.8	132.1	141.3	154.7	129.8
April	136.1	134.3	126.3	132.6	142.2	155.1	131.0
May	137.1	135.2	127.5	134.2	143.5	156.0	132.1
June	138.0	135.2	128.2	134.7	147.9	161.0	132.9
July	138.6	135.3	129.4	138.2	148.1	162.1	133.7
August	140.4	137.9	130.4	138.6	147.2	162.4	135.2
September	140.7	137.7	132.1	139.5	148.4	162.4	136.9
October	140.5	137.0	134.3	141.5	146.1	162.8	138.2
November	140.3	135.7	136.1	144.1	150.2	163.9	138.1
December	140.9	136.1	137.0	144.7	151.9	164.7	139.3
1992	86.4	84.1	83.1	87.0	93.6	97.8	86.5
January	142.0	136.8	137.8	144.9	152.8	165.0	144.7
February	144.0	139.8	138.1	145.0	153.2	165.1	145.5
March	146.4	142.7	141.4	146.2	157.0	165.8	146.5
April	149.0	145.0	142.7	151.0	163.3	167.1	149.2
May	150.6	147.1	144.4	152.1	164.4	167.2	150.0
June	151.7	147.7	146.2	152.2	167.0	171.1	150.8
July	153.0	149.5	146.9	153.1	165.5	172.1	151.7
August	155.4	152.1	148.0	159.3	166.6	172.4	153.4
September	155.5	151.5	148.7	161.6	165.6	173.1	155.3
October	154.6	148.9	149.3	163.1	172.6	173.8	157.6
November	153.8	147.5	149.3	163.1	173.6	173.5	158.5
December	153.6	147.1	149.5	163.0	174.1	173.8	158.9
1993							
January	154.4	147.2	150.8	163.3	175.3	175.2	164.2
February	154.7	147.6	151.8	163.7	170.2	175.8	165.1
March	154.9	147.7	152.3	163.9	171.5	176.3	165.1
April	155.1	147.7	152.6	164.2	173.7	176.6	165.4
May	155.9	148.1	153.8	164.5	177.6	177.7	167.1
June	156.9	148.2	154.5	168.4	180.7	181.7	167.4

Source: National Statistics Office.

**Table 2.27**  
**CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS**  
**IN REGION 12 (CENTRAL MINDANAO) : (1988=100)**  
**1988 to 1993**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1988	100.0	100.0	100.0	100.0	100.0	100.1	100.0
1989	113.9	117.2	109.9	106.7	111.2	106.8	106.6
1990	129.5	131.7	126.6	111.7	132.6	132.5	126.4
1991	153.2	148.3	154.1	146.5	188.9	177.4	150.9
January	146.0	142.7	146.2	135.4	174.4	166.9	143.0
February	150.0	147.0	148.5	139.2	183.4	168.3	145.8
March	150.3	146.8	151.2	140.3	183.8	169.6	147.2
April	151.0	147.2	151.6	141.9	186.6	171.0	147.9
May	151.5	147.6	152.8	142.1	186.7	172.6	148.1
June	153.4	148.8	153.4	143.4	188.0	180.7	150.5
July	153.9	148.5	154.6	146.7	191.0	183.1	150.4
August	154.9	149.6	155.6	146.8	190.9	183.6	152.5
September	156.6	151.3	156.8	153.0	192.9	181.0	154.4
October	156.6	150.5	157.9	154.7	195.2	182.9	155.6
November	156.6	149.9	160.4	156.1	196.1	184.1	155.6
December	157.4	150.1	159.8	157.8	198.2	185.0	159.5
1992	95.1	90.1	95.8	100.7	119.2	109.6	98.7
January	158.0	150.4	160.4	159.2	196.8	185.1	163.4
February	159.0	151.1	161.1	162.8	197.6	185.8	164.7
March	160.4	152.2	162.5	166.0	199.8	187.4	165.9
April	163.0	153.4	164.8	176.7	206.7	188.1	171.1
May	164.2	155.2	164.7	177.9	208.0	188.1	170.7
June	165.6	156.8	165.4	179.9	209.4	188.8	171.1
July	170.5	161.8	170.3	186.2	211.5	191.4	178.0
August	172.9	163.7	172.0	187.7	233.2	192.3	176.3
September	173.7	164.9	173.0	189.3	229.5	183.5	176.0
October	172.4	162.6	173.5	190.1	226.8	193.3	176.2
November	172.4	161.9	174.5	193.2	235.7	193.0	175.4
December	172.5	161.9	174.4	196.2	233.4	193.2	175.8
1993							
January	172.7	160.7	175.6	196.4	237.9	194.0	182.0
February	173.7	166.8	175.5	196.8	238.9	194.4	184.7
March	174.4	167.7	175.0	197.1	239.1	193.3	184.7
April	174.7	163.0	175.1	197.1	239.4	195.1	185.2
May	174.6	162.7	176.2	197.5	239.8	195.5	185.2
June	175.8	163.5	176.4	198.0	239.8	201.0	186.5

Source: National Statistics Office.

Figure 2.2 Inflation Rate, Philippines: 1983 to 1992

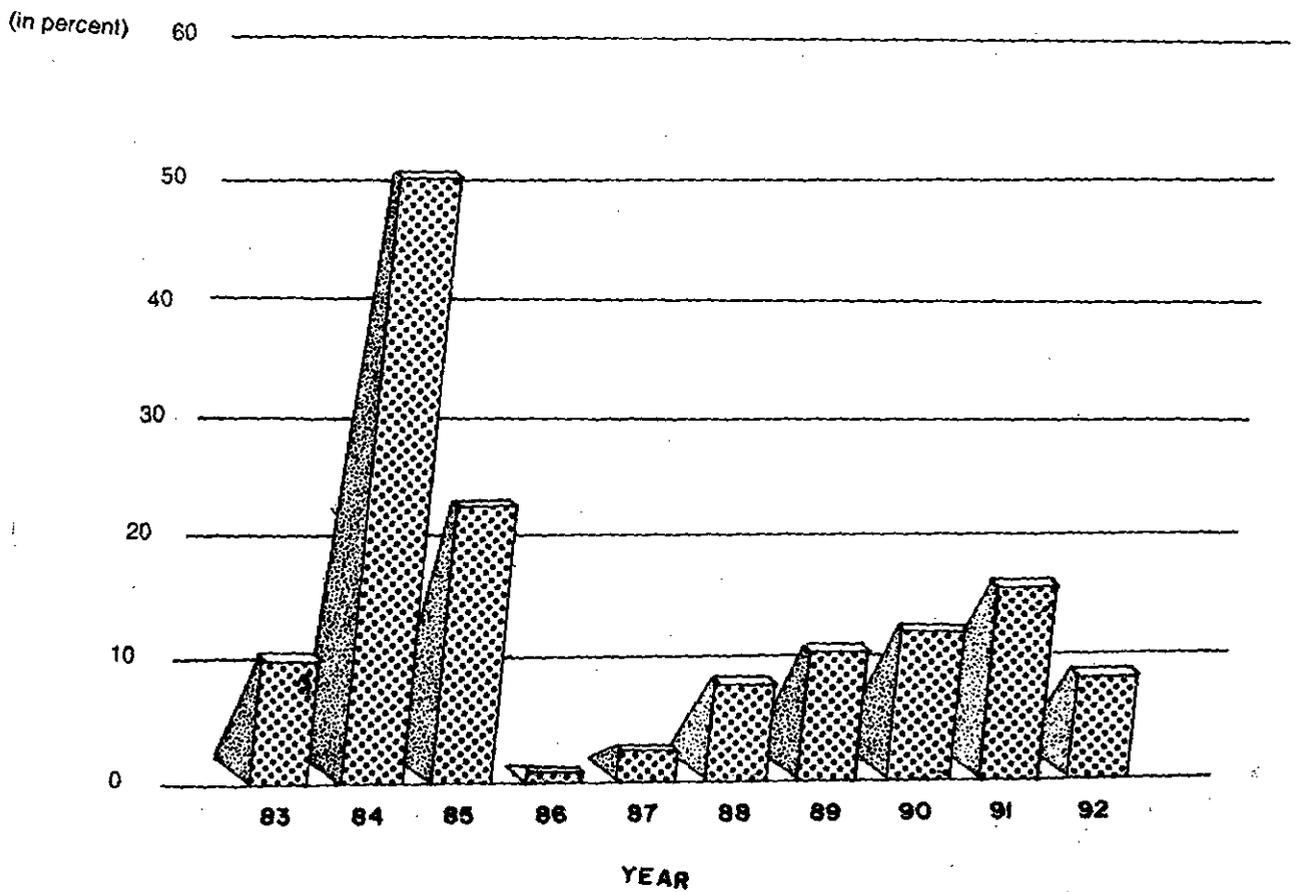


Figure 2.3 Total Number of Families by Main Source of Income, Philippines: 1985 and 1988

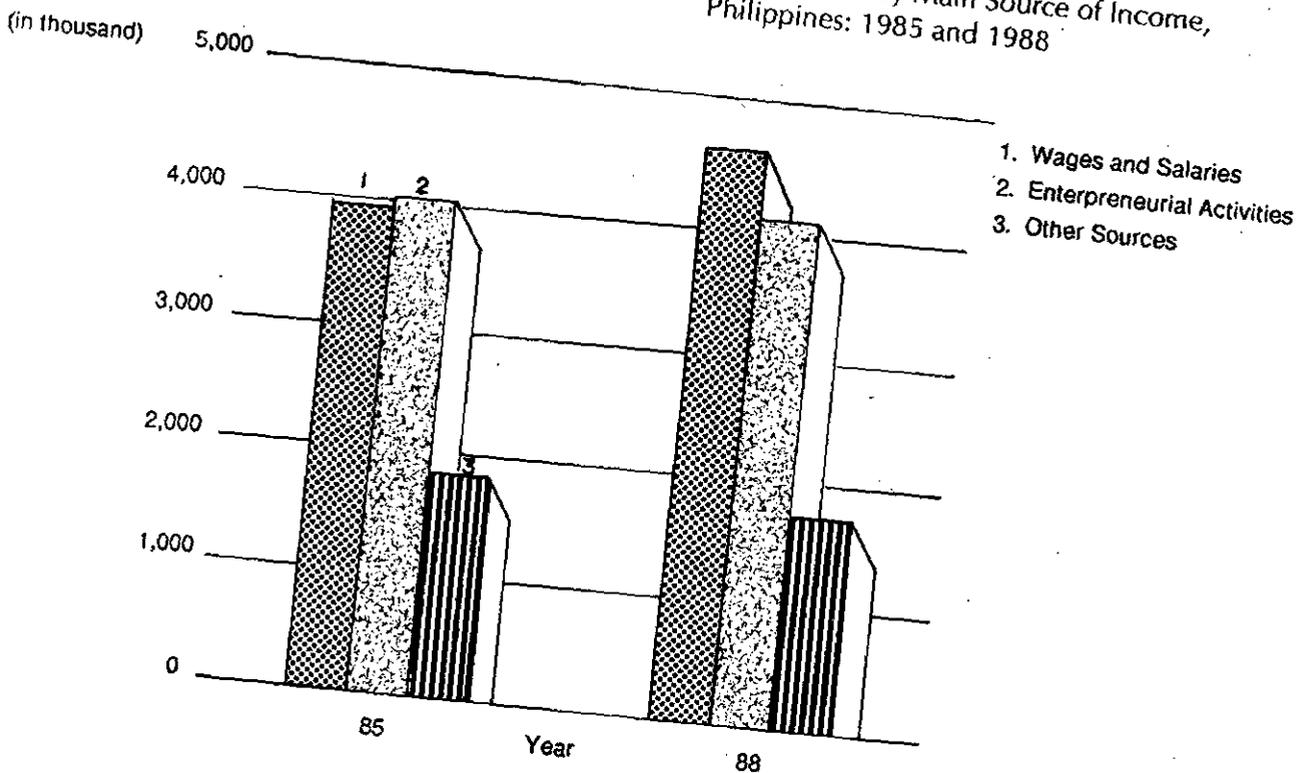


Table 2.28

CONSUMER PRICE INDEX OF FOOD, BEVERAGES AND TOBACCO  
FOR METROPOLITAN MANILA AREA (NCR) : (1988=100)  
1988 to 1993

Period	Food beverages and tobacco	Cereals			Food	
		Rice and Corn	Rice	Corn	Cereal preparations	Dairy Products
1988	100.0	100.0	100.0	100.0	100.0	100.0
1989	109.6	116.5	116.5	121.9	107.7	109.7
1990	124.5	124.1	123.9	145.9	114.9	121.4
1991	144.6	137.2	137.1	148.3	133.3	142.9
January	137.7	134.0	133.9	149.2	125.3	136.4
February	137.6	134.8	134.7	148.5	126.8	139.9
March	139.5	134.8	134.7	147.6	129.2	141.6
April	140.8	135.3	135.2	147.4	130.9	141.8
May	141.4	135.9	135.8	148.4	132.0	141.9
June	142.5	135.4	135.3	147.8	134.6	142.7
July	144.6	135.6	135.5	148.1	135.2	144.0
August	148.5	138.4	138.3	147.8	135.4	144.0
September	150.9	140.6	140.5	148.9	136.8	145.0
October	148.3	140.8	140.7	148.9	137.1	145.3
November	150.8	140.3	140.2	148.1	138.1	145.8
December	152.1	140.1	140.0	148.6	138.1	146.2
1992	154.8	144.1	143.9	173.5	142.7	155.2
January	152.1	139.9	139.8	148.6	138.3	146.8
February	150.0	139.6	139.5	149.6	138.7	150.7
March	149.7	139.5	139.4	150.1	140.4	153.3
April	150.1	140.3	140.2	151.4	141.7	154.5
May	153.5	141.1	140.9	157.3	141.9	155.6
June	153.1	141.2	141.0	162.9	142.5	155.8
July	155.8	143.3	142.8	201.6	142.8	155.9
August	155.3	144.6	143.9	220.5	143.3	156.2
September	160.4	149.5	149.1	200.6	144.4	157.3
October	159.1	151.0	150.8	177.6	145.2	158.1
November	159.9	150.6	150.3	181.0	146.2	158.9
December	158.2	149.1	148.8	180.4	146.5	158.9
1993						
January	162.5	148.6	148.3	180.5	147.0	161.2
February	160.5	148.8	148.5	181.7	147.5	161.8
March	159.9	149.3	149.0	180.5	147.9	161.8
April	160.8	150.6	150.3	179.9	147.1	161.8
May	160.1	153.0	152.7	182.4	147.4	161.8
June	162.4	154.6	154.3	184.6	147.5	161.9

Sources: National Statistics Office, Bureau of Agricultural Statistics, National Food Authority and other reporting private establishments.

Table 2.28 (continued)

Food					Beverages	Tobacco
Eggs	Fish	Fruits and Vegetables	Meat	Miscellaneous		
99.7	100.0	100.0	100.0	100.0	100.0	100.0
110.2	113.4	109.1	112.8	103.1	109.9	104.9
122.9	137.4	129.7	123.1	123.0	122.8	112.2
159.9	152.9	140.0	150.5	144.9	149.6	131.1
153.2	155.8	121.7	139.2	142.1	135.7	126.4
151.2	151.7	121.4	136.5	142.5	141.8	129.1
150.7	152.3	128.8	138.6	143.0	145.5	130.4
148.2	153.7	129.3	143.2	143.2	147.1	131.1
145.7	151.4	126.1	148.6	143.2	148.9	131.5
150.8	152.4	131.5	148.7	143.5	150.1	131.8
166.0	147.6	141.2	151.8	144.7	151.9	131.6
167.9	150.0	156.1	158.0	146.0	152.9	131.8
171.1	153.5	158.4	163.1	147.3	153.6	131.8
172.8	152.4	142.1	158.2	147.5	155.7	131.8
171.4	155.1	162.3	157.8	147.5	155.5	132.4
169.7	158.6	161.6	162.8	148.1	155.9	132.9
168.5	157.6	146.7	166.0	155.1	171.2	134.6
164.1	162.3	139.7	165.2	154.2	161.0	132.9
160.7	157.4	127.2	159.8	155.7	167.1	133.0
161.4	154.7	128.8	157.8	154.9	168.8	134.2
161.4	157.6	134.8	152.8	155.1	169.3	134.9
160.7	158.5	144.4	163.1	155.4	170.5	134.7
161.4	148.2	140.5	167.4	155.9	171.8	135.0
182.0	144.1	143.6	178.0	156.0	172.1	135.1
184.1	144.5	140.2	175.4	155.9	173.7	135.2
176.7	158.4	170.5	173.8	155.7	174.4	135.1
170.2	161.6	167.3	167.6	154.7	174.6	135.1
170.2	174.0	172.8	161.8	154.2	175.0	135.0
169.0	170.1	150.5	169.4	154.0	175.6	135.0
167.7	169.6	144.6	164.6	177.5	179.4	135.5
165.2	169.3	139.2	158.1	176.7	179.9	135.7
163.5	173.1	132.6	156.5	176.4	180.2	135.7
154.0	177.8	129.5	160.8	176.1	180.2	135.7
148.8	169.8	126.4	162.2	176.2	183.3	135.0
158.7	169.6	145.2	161.5	176.6	181.7	135.4

**Table 2.29**  
**RETAIL PRICE INDEX FOR METROPOLITAN MANILA AREA**  
**(NATIONAL CAPITAL REGION) : (1978=100)**  
**1988 to 1993**

Period	All items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials
1981	162.4	151.0	160.9	176.4	284.8
1982	176.3	164.3	196.4	174.5	295.6
1983	194.2	178.7	208.5	191.1	320.6
1984	310.4	280.0	292.8	326.5	468.5
1985	366.4	338.6	346.3	369.0	519.0
1986	370.6	347.8	394.0	376.2	426.8
1987	393.4	375.7	436.0	378.5	420.8
1988	432.4	428.8	471.8	387.5	408.9
1989	467.6	472.4	503.9		343.0
1990	512.6	517.1	555.2	439.5	472.0
1991	298.0	282.9	314.1	249.6	428.3
January	590.2	568.1	601.6	477.6	856.4
February	591.5	563.2	619.6	488.3	856.3
March	592.9	562.5	633.2	493.7	856.5
April	597.1	564.3	636.9	502.0	856.6
May	600.0	566.0	637.7	515.6	856.7
June	604.4	571.2	640.3	517.8	856.5
July	610.9	578.4	641.3	525.8	856.6
August	619.7	599.1	645.8	529.4	769.7
September	627.8	615.9	648.0	521.9	707.6
October	618.6	598.1	657.0	523.8	707.6
November	624.2	604.8	657.4	543.6	707.6
December	630.7	613.8	658.9	564.2	700.2
1992	640.1	618.1	703.5	555.1	641.7
January	631.8	614.0	673.0	551.9	684.4
February	628.3	603.2	696.1	555.3	684.5
March	628.2	598.1	700.2	551.7	684.6
April	624.8	593.1	702.8	560.3	639.1
May	632.9	607.3	704.4	550.2	634.0
June	638.1	613.4	706.7	557.5	633.9
July	649.2	630.0	706.7	557.5	633.9
August	646.8	627.2	707.8	557.7	634.0
September	656.8	641.7	710.5	566.1	633.8
October	648.4	628.9	711.4	569.0	625.7
November	650.0	631.8	711.6	539.9	625.7
December	646.1	628.5	710.3	543.8	587.2
1993					
January	638.9	614.5	718.4	543.8	587.3
February	642.2	618.0	721.0	544.2	587.4
March	641.1	615.1	722.0	544.2	587.4
April	641.4	612.9	722.5	544.3	587.4
May	641.1	609.2	726.6	547.8	588.2
June	649.0	617.3	727.1	552.5	588.2

Source: National Statistics Office.

Table 2.29 (continued)

Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
143.6	170.5	141.1	148.4
159.5	180.0	148.4	168.8
191.9	206.2	160.3	198.1
351.1	364.9	259.5	344.8
411.2	416.7	295.2	404.6
429.5	411.3	316.0	420.9
445.0	424.6	327.2	435.8
455.4	447.5	342.0	456.9
475.8	498.7	360.3	454.3
506.1	546.7	382.8	535.5
289.5	319.5	223.1	304.1
553.2	621.6	425.2	579.8
569.4	629.7	440.0	601.7
568.6	634.2	443.2	607.8
582.0	646.1	451.4	612.3
594.0	650.9	457.6	619.2
606.4	651.6	459.5	628.4
615.6	659.0	461.7	638.3
626.3	661.6	462.3	641.3
636.2	666.7	464.2	646.4
651.5	671.0	464.2	649.2
665.2	672.6	469.0	651.8
670.7	676.8	470.7	653.4
727.9	696.6	502.4	701.4
671.7	685.4	472.5	651.2
676.5	692.7	475.9	658.8
697.1	703.8	479.6	668.4
718.3	705.2	482.4	684.5
726.4	699.3	489.2	698.8
732.4	698.8	509.6	712.9
736.1	701.5	516.0	720.2
740.6	694.3	516.0	723.1
753.4	695.1	522.6	724.7
754.8	693.4	523.4	723.1
761.3	694.2	520.4	724.8
765.8	695.8	521.6	726.2
769.2	697.2	525.7	737.3
773.0	702.1	526.8	738.8
776.3	704.9	526.8	743.0
782.8	712.1	528.6	748.1
777.5	723.5	529.8	753.2
776.0	741.9	531.4	754.4

**Table 2.30**  
**RETAIL PRICE INDEX OF SELECTED MATERIALS USED IN CONSTRUCTION**  
**ACTIVITIES IN METROPOLITAN MANILA AREA (NCR) : (1978=100)**  
**1981 to 1993**

Period	All Items	Carpentry Materials	Electrical Materials	Masonry Materials
1981	161.7	176.3	157.6	177.3
1982	167.2	174.8	165.4	197.0
1983	188.9	190.4	189.7	219.3
1984	327.8	316.5	348.2	335.9
1985	350.4	339.8	359.9	361.1
1986	339.2	336.0	354.4	352.4
1987	348.8	361.2	367.7	354.1
1988	377.0	404.1	432.6	362.7
1989	459.0	384.8	337.1	488.3
1990	503.5	565.8	522.7	478.0
1991	629.7	726.1	604.1	613.6
January	602.1	713.5	597.2	537.3
February	611.7	709.6	599.7	560.6
March	616.9	713.7	594.1	572.0
April	623.8	721.1	602.0	596.0
May	627.5	723.0	607.8	609.0
June	637.0	738.5	611.4	628.0
July	641.4	737.0	611.3	649.3
August	636.7	734.3	601.7	636.0
September	638.3	733.2	599.2	643.9
October	640.4	735.3	606.6	646.3
November	638.9	727.1	608.7	641.9
December	641.2	727.3	609.7	642.9
1992	653.4	763.7	599.9	649.7
January	652.0	745.2	596.3	657.2
February	661.1	764.6	597.0	667.5
March	672.4	785.0	597.0	712.2
April	669.2	771.6	591.1	721.7
May	657.9	771.8	591.8	665.1
June	655.9	768.0	605.0	657.8
July	652.2	763.7	604.1	643.0
August	649.6	765.1	596.8	627.8
September	645.5	761.1	601.4	620.1
October	642.7	757.9	598.9	618.0
November	641.6	756.4	608.3	606.0
December	640.8	754.3	611.2	600.3
1993				
January	647.2	773.7	611.3	598.4
February	650.4	780.7	605.3	600.5
March	653.5	796.9	605.5	597.6
April	660.8	819.3	605.0	595.1
May	679.7	863.5	606.1	600.1
June	706.1	936.1	612.3	604.8

Sources of basic data: National Statistics Office.

Table 2.30 (continued)

Painting Materials	Plumbing Materials	Tinsmithry Materials	Miscellaneous Construction Materials
149.6	142.1	157.0	133.1
156.9	149.9	169.5	128.4
169.5	172.3	204.2	155.9
298.7	345.0	426.9	285.6
337.0	370.4	478.7	282.6
338.1	374.4	406.2	277.0
343.4	386.7	415.4	268.0
356.4	402.4	453.6	293.6
403.8	383.4	281.5	393.1
397.7	538.5	512.6	438.9
497.5	657.5	637.3	511.5
463.7	619.0	606.0	520.8
476.2	627.4	616.4	538.7
476.2	629.6	641.9	532.1
490.6	639.2	643.9	516.2
495.2	649.4	640.2	512.8
503.2	656.0	639.9	508.4
509.7	659.5	640.0	506.1
510.6	649.6	643.5	504.0
509.9	660.2	645.0	500.9
508.3	680.2	645.0	496.9
513.2	701.1	641.9	499.4
512.7	718.9	643.5	502.0
508.7	760.0	585.4	512.2
509.9	731.3	643.2	508.3
506.0	729.5	639.8	515.5
506.4	729.9	587.5	515.5
510.5	727.0	580.4	515.4
510.3	738.0	578.8	516.8
509.4	753.6	575.6	515.0
512.2	762.8	576.4	515.0
509.5	778.8	573.9	513.2
511.3	786.3	566.5	506.4
506.4	785.3	567.4	508.5
509.6	793.9	562.1	509.6
503.1	803.9	573.4	507.6
508.7	802.1	557.8	516.2
511.2	806.8	559.6	516.0
509.0	808.4	553.3	510.3
509.8	810.8	552.1	512.1
509.7	808.8	550.1	531.6
505.1	803.1	551.4	541.4

**Table 2.31**  
**GENERAL WHOLESALE PRICE INDEX FOR METROPOLITAN MANILA AREA**  
**(NATIONAL CAPITAL REGION) : (1978=100)**  
**1988 to 1993**

Period	All items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials
1981	161.1	155.5	147.2	141.6	275.3
1982	179.0	178.4	160.2	168.6	289.7
1983	208.0	207.2	178.2	217.7	331.0
1984	346.5	357.3	265.9	356.0	503.7
1985	409.3	457.9	322.1	325.3	562.4
1986	410.6	465.9	359.4	310.1	491.8
1987	444.0	501.7	428.7	367.4	467.2
1988	498.5	587.7	465.1	451.4	366.5
1989	550.7	672.6	485.3	489.7	397.0
1990	607.5	747.0	511.6	476.1	578.9
1991	335.7	400.6	294.6	274.8	324.9
January	687.2	839.3	584.4	532.8	737.0
February	663.3	792.5	587.5	537.8	648.7
March	664.2	789.0	590.2	559.7	607.7
April	669.4	799.2	590.1	550.0	626.4
May	665.4	780.7	591.0	556.7	639.6
June	678.7	806.0	592.3	560.8	639.7
July	688.8	819.0	595.0	579.8	650.0
August	698.1	854.6	599.1	567.0	634.5
September	705.6	868.1	599.4	567.9	629.9
October	701.0	843.1	599.5	584.0	645.5
November	720.2	877.2	600.7	610.5	643.0
December	730.0	893.6	608.2	629.6	615.9
1992	299.2	353.3	268.3	269.3	253.0
January	737.2	890.3	642.7	662.0	625.9
February	715.2	846.8	643.5	639.4	608.4
March	714.9	840.5	645.0	646.7	600.9
April	708.5	824.5	643.2	640.6	595.7
May	710.7	837.6	645.7	623.5	609.2
June	717.4	850.6	646.5	316.6	638.6
July	721.8	870.6	644.8	597.2	636.7
August	718.7	865.0	646.4	594.4	624.4
September	728.6	886.6	646.3	598.0	631.3
October	724.2	875.0	645.8	603.8	626.4
November	722.5	893.2	647.1	585.5	592.2
December	721.5	882.4	647.6	580.0	583.8
1993					
January	713.7	860.8	647.5	584.1	592.1
February	209.5	846.6	646.0	589.0	584.7
March	706.5	844.8	649.7	585.5	573.2
April	703.2	829.7	648.1	587.4	604.5
May	705.1	834.7	648.2	590.1	599.8
June	705.4	835.2	648.2	590.0	594.7

Sources: National Statistics Office, Bureau of Agricultural Statistics, National Food Authority

Table 2.31 (continued)

Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
137.7	162.8	136.9	157.7
147.5	170.5	155.2	173.6
183.2	184.3	173.3	189.8
333.9	294.6	274.1	333.1
337.5	356.3	351.0	441.0
324.1	373.7	371.1	474.1
374.7	399.6	392.4	495.8
423.4	441.0	427.4	534.2
423.4	446.8	444.6	556.2
422.5	546.0	489.3	593.2
422.5	309.2	264.7	332.4
493.2	603.6	526.6	646.9
498.3	608.2	526.9	656.3
505.9	618.0	527.2	670.7
506.5	621.4	529.4	671.3
515.5	627.4	529.6	671.5
527.6	631.6	536.8	672.4
537.7	633.6	536.8	675.1
508.3	632.7	537.4	676.4
529.9	634.4	535.8	674.6
545.9	641.0	537.0	675.2
561.4	643.9	536.3	674.6
571.2	653.2	536.6	675.1
422.5	279.1	224.1	292.6
595.4	657.8	535.7	678.3
573.0	665.4	538.2	707.7
576.1	672.0	538.2	708.2
584.0	679.0	538.5	708.3
567.4	675.0	538.4	708.5
560.3	675.3	538.4	724.6
544.3	676.6	538.4	725.9
547.5	675.6	538.5	735.2
547.5	673.4	539.3	744.2
542.9	676.1	540.1	744.5
542.2	674.5	548.3	752.8
538.7	674.0	548.4	763.0
538.7	672.6	548.4	770.2
546.3	676.1	552.9	773.7
538.3	675.7	553.0	773.6
539.4	675.4	552.8	777.3
541.4	673.4	552.8	777.6
544.7	674.4	552.7	777.6

# 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 interindustry linkages and their transfer of income or capital between sectors of the economy. These accounts are better known as the national account statistics, the input-output tables, and the flow-of-funds accounts.

National account statistics provide various users with a comprehensive description of the country's economic performance during a given period. 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 the country's development composed with 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 (GNP) 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 recipients of the nation's output by sectors, by industries or by households, the distribution of the social income by type and source of income, and the disposition or expenditure of such income by sectors. Summing up, national accounts statistics present insights into the aggregate as well as sectoral performance of the economy for a given period that are so 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 system of flow of funds accounts provides a framework that highlights the integration of the economically significant financial activities of the different institutional sectors into explicit statistical interdependence with one another. Moreover, it brings this internally consistent body of financial data into direct relationship with the non-financial activities pertaining to the production and consumption of goods and services as portrayed by the national income and product accounts.

The major responsibility for the preparation of the national income accounts and the input-output tables is lodged with the NSCB. The compilation of the flow-of-funds accounts was also the primary concern of the Statistical Coordination Office of the National Economic and Development Authority (NEDA) until 1981 when this function was transferred to the Central Bank of the Philippines (CBP).

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**Table 3.1**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY EXPENDITURE SHARES**  
*In million pesos : at current prices*  
**1980 to 1992**

TYPE OF EXPENDITURE	1980	1981	1982	1983	1984
1. Personal consumption expenditure	156,824	181,546	208,104	237,479	362,257
2. Government consumption	22,099	24,661	28,929	30,552	36,880
3. Capital formation	70,898	77,334	88,414	109,227	114,303
A. Fixed capital	66,350	78,147	87,325	110,167	128,587
1. Construction	37,275	45,978	50,355	66,698	82,948
2. Durable equipment	24,085	26,809	31,367	37,661	37,897
3. Breeding stocks & orchard development	4,990	5,360	5,603	5,808	7,742
B. Changes in stocks	4,548	(813)	1,089	(940)	(14,284)
4. Exports	57,458	67,094	64,526	79,813	126,682
5. Less : Imports	69,398	76,514	82,897	103,641	131,504
6. Statistical discrepancy	5,868	7,475	10,101	15,647	15,863
<b>GROSS DOMESTIC PRODUCT</b>	<b>243,749</b>	<b>281,596</b>	<b>317,177</b>	<b>369,077</b>	<b>524,481</b>
Net factor income from abroad	(479)	(1,053)	(3,633)	(5,809)	(15,996)
<b>GROSS NATIONAL PRODUCT</b>	<b>243,270</b>	<b>280,543</b>	<b>313,544</b>	<b>363,268</b>	<b>508,485</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.1 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
420,832	444,529	482,330	558,765	649,276	767,061	916,367	1,018,225
43,520	48,431	57,333	72,183	88,186	108,843	127,053	129,776
87,697	97,441	123,186	150,151	205,133	265,922	259,698	302,695
99,818	102,374	116,373	143,184	197,858	257,860	256,593	299,034
56,892	54,133	63,043	73,184	103,614	138,530	126,304	137,934
33,261	39,091	42,112	56,951	79,030	101,968	109,521	137,103
9,665	9,150	11,218	13,049	15,214	17,362	20,768	23,997
(12,121)	(4,933)	6,813	6,967	7,275	8,062	3,105	3,661
137,030	160,187	182,179	226,431	263,880	299,211	373,715	388,570
125,205	136,235	179,030	215,292	280,118	358,548	391,856	450,961
8,009	(5,466)	16,766	6,944	(912)	(9,391)	(40,236)	(49,884)
571,883	608,887	682,764	799,182	925,444	1,073,098	1,244,741	1,338,421
(15,809)	(12,611)	(11,938)	(7,360)	(11,318)	5,310	17,617	31,958
556,074	596,276	670,826	791,822	914,126	1,078,408	1,262,358	1,370,379

**Table 3.2**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY EXPENDITURE SHARES**  
*In million pesos : at constant 1985 prices*  
*1980 to 1992*

TYPE OF EXPENDITURE	1980	1981	1982	1983	1984
1. Personal consumption expenditure	397,404	407,958	422,067	424,634	425,767
2. Government consumption	50,177	48,675	52,328	49,854	43,971
3. Capital formation	161,071	165,659	179,574	190,243	127,564
A. Fixed capital	150,717	169,028	177,632	191,810	144,627
1. Construction	79,758	91,121	92,878	110,669	90,484
2. Durable equipment	60,077	66,704	73,793	71,108	45,043
3. Breeding stocks & orchard development	10,882	11,203	10,961	10,033	9,100
B. Changes in stocks	10,354	(3,369)	1,942	(1,567)	(17,063)
4. Exports	154,748	169,354	151,489	158,252	164,327
5. Less : Imports	179,477	178,057	182,414	176,841	145,934
6. Statistical discrepancy	25,845	17,053	30,423	19,575	1,267
<b>GROSS DOMESTIC PRODUCT</b>	<b>609,768</b>	<b>630,642</b>	<b>653,467</b>	<b>665,717</b>	<b>616,962</b>
Net factor income from abroad	(1,168)	(2,307)	(7,293)	(9,755)	(18,863)
<b>GROSS NATIONAL PRODUCT</b>	<b>608,600</b>	<b>628,335</b>	<b>646,174</b>	<b>655,962</b>	<b>598,099</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.2 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
420,832	434,815	452,386	480,562	504,619	531,772	543,637	561,319
43,520	43,669	45,792	49,943	53,434	57,042	57,432	54,968
87,697	94,925	111,588	124,760	152,963	176,414	146,378	159,930
99,818	99,707	105,130	119,052	147,457	170,570	144,681	157,468
56,892	52,377	55,248	59,254	71,023	82,649	63,511	66,064
33,261	37,827	40,124	49,635	65,760	76,976	69,922	80,042
9,665	9,503	9,758	10,163	10,674	10,945	11,248	11,362
(12,121)	(4,782)	6,458	5,708	5,506	5,844	1,697	2,462
137,030	160,453	170,889	195,997	216,980	219,703	234,311	237,218
125,205	138,021	177,532	212,357	244,590	269,148	263,782	298,485
8,009	(4,418)	13,800	18,676	16,042	2,286	(5,660)	(4,554)
571,883	591,423	616,923	658,581	699,448	718,069	712,316	710,396
(15,845)	(12,289)	(11,062)	(6,170)	(8,647)	3,693	10,014	17,064
556,038	579,134	605,861	652,411	690,801	721,762	722,330	727,460

**Table 3.3**  
**IMPLICIT PRICE INDEX OF GROSS NATIONAL PRODUCT**  
**AND GROSS DOMESTIC PRODUCT BY EXPENDITURE SHARES**  
*Base year: 1985=100*  
**1980 to 1992**

TYPE OF EXPENDITURE	1980	1981	1982	1983	1984
1. Personal consumption expenditure	39.46	44.50	49.31	55.93	85.08
2. Government Consumption	44.04	50.66	55.28	61.28	83.87
3. Capital Formation	44.02	46.68	49.24	57.41	89.60
A. Fixed Capital	44.02	46.23	49.16	57.44	88.91
1. Construction	46.74	50.46	54.22	60.27	91.67
2. Durable Equipment	40.09	40.19	42.51	52.96	84.14
3. Breeding Stock & orchard dev'	45.86	47.84	51.12	57.89	85.08
4. Exports	37.13	39.62	42.59	50.43	77.09
5. Less : Imports	38.67	42.97	45.44	58.61	90.11
<b>GROSS DOMESTIC PRODUCT</b>	<b>39.97</b>	<b>44.65</b>	<b>48.54</b>	<b>55.44</b>	<b>85.01</b>
<b>GROSS NATIONAL PRODUCT</b>	<b>39.97</b>	<b>44.65</b>	<b>48.52</b>	<b>55.38</b>	<b>85.02</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.3 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	102.23	106.62	116.27	128.67	144.25	168.56	181.40
100.00	110.90	125.20	144.53	165.04	190.81	221.22	236.09
100.00	102.65	110.39	120.35	134.11	150.74	177.42	189.27
100.00	102.67	110.69	120.27	134.18	151.18	177.35	189.90
100.00	103.35	114.11	123.51	145.89	167.61	198.87	208.79
100.00	103.34	104.95	114.74	120.18	132.47	156.63	171.29
100.00	96.29	114.96	128.40	142.53	158.63	184.64	211.20
100.00	99.83	106.61	115.53	121.61	136.19	159.50	163.80
100.00	98.71	100.84	101.38	114.53	133.22	148.55	151.08
100.00	102.95	110.67	121.35	132.31	149.44	174.75	188.40
100.00	102.96	110.72	121.37	132.33	149.41	174.76	188.38

**Table 3.4**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY INDUSTRIAL ORIGIN**  
*In million pesos : at current prices*  
**1980 to 1992**

INDUSTRY	1980	1981	1982	1983	1984
1. AGRI., FISHERY & FORESTRY	61,219	70,092	74,055	82,545	129,824
2. INDUSTRY SECTOR	94,545	110,309	123,154	144,801	198,819
a. Mining & Quarrying	5,460	5,173	4,882	6,182	8,142
b. Manufacturing	62,654	71,829	79,608	89,472	129,171
c. Construction	22,625	28,362	32,087	40,192	48,727
d. Electricity, Gas and Water	3,806	4,945	6,577	8,955	12,779
3. SERVICE SECTOR	87,985	101,195	119,968	141,731	195,838
a. Transportation, Communication and Storage	11,319	13,268	14,680	17,848	28,117
b. Trade	29,681	33,299	39,683	46,743	70,822
c. Finance	9,457	9,253	10,762	13,484	16,335
d. Ownership of Dwellings and Real Estate	12,635	14,349	18,026	20,362	25,677
e. Private Services	12,895	16,404	20,096	25,296	32,022
f. Government Services	11,998	14,622	16,721	17,998	22,865
<b>GROSS DOMESTIC PRODUCT</b>	<b>243,749</b>	<b>281,596</b>	<b>317,177</b>	<b>369,077</b>	<b>524,481</b>
Net factor income from abroad	(479)	(1,053)	(3,633)	(5,809)	(15,996)
<b>GROSS NATIONAL PRODUCT</b>	<b>243,270</b>	<b>280,543</b>	<b>313,544</b>	<b>363,268</b>	<b>508,485</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.4 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
140,554	145,807	163,927	183,515	210,009	235,956	261,348	290,338
200,548	210,528	235,094	280,957	322,964	371,347	424,504	446,334
11,893	14,144	14,354	15,275	15,446	16,659	17,504	16,263
143,851	149,958	169,627	204,784	230,163	267,485	315,938	327,501
29,037	29,784	37,104	42,814	57,281	64,903	61,962	68,695
15,767	16,642	14,009	18,084	20,074	22,300	29,100	33,875
230,781	252,552	283,743	334,710	392,471	465,795	558,889	601,749
31,666	34,307	36,827	40,762	43,460	53,191	72,908	76,543
82,835	87,825	96,518	114,085	133,224	150,453	176,903	183,306
17,123	18,658	22,446	27,125	34,334	42,531	48,572	53,166
32,132	35,449	39,226	44,523	52,792	61,673	73,238	86,213
39,121	43,593	49,927	57,644	67,752	80,916	97,388	110,325
27,904	32,720	38,799	50,571	60,909	77,031	89,880	92,196
<b>571,883</b>	<b>608,887</b>	<b>682,764</b>	<b>799,182</b>	<b>925,444</b>	<b>1,073,098</b>	<b>1,244,741</b>	<b>1,338,421</b>
(15,809)	(12,611)	(11,938)	(7,360)	(11,318)	5,310	17,617	31,958
<b>556,074</b>	<b>596,276</b>	<b>670,826</b>	<b>791,822</b>	<b>914,126</b>	<b>1,078,408</b>	<b>1,262,358</b>	<b>1,370,379</b>

**Table 3.5**  
**GROSS NATIONAL PRODUCT AND GROSS DOMESTIC PRODUCT**  
**BY INDUSTRIAL ORIGIN**  
*In million pesos : at constant 1985 prices*  
*1980 to 1992*

INDUSTRY	1980	1981	1982	1983	1984
1. AGRI., FISHERY & FORESTRY	143,295	148,479	149,641	144,586	143,247
2. INDUSTRY SECTOR	247,059	258,545	264,957	268,987	238,038
a. Mining & Quarrying	9,128	9,350	9,165	9,244	8,959
b. Manufacturing	168,292	171,569	174,315	173,756	156,195
c. Construction	57,250	63,421	64,110	70,204	56,027
d. Electricity, Gas and Water	12,389	14,205	17,367	15,783	16,857
3. SERVICE SECTOR	219,414	223,618	238,869	252,144	235,677
a. Transportation, Communication and Storage	29,175	30,629	31,415	32,622	32,060
b. Trade	79,335	79,511	86,338	89,739	83,637
c. Finance	24,003	20,770	21,914	24,957	20,110
d. Ownership of Dwellings and Real Estate	31,655	31,803	34,093	34,693	32,585
e. Private Services	29,896	33,783	36,918	42,289	39,506
f. Government Services	25,350	27,122	28,191	27,844	27,779
<b>GROSS DOMESTIC PRODUCT</b>	<b>609,768</b>	<b>630,642</b>	<b>653,467</b>	<b>665,717</b>	<b>616,962</b>
Net factor income from abroad	(1,168)	(2,307)	(7,293)	(9,755)	(18,863)
<b>GROSS NATIONAL PRODUCT</b>	<b>608,600</b>	<b>628,335</b>	<b>646,174</b>	<b>655,962</b>	<b>598,099</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.5 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
140,554	145,725	150,414	155,292	159,964	160,734	160,465	159,895
200,548	205,164	213,389	232,052	249,175	255,548	248,718	248,189
11,893	12,313	11,232	11,704	11,389	11,091	10,770	11,495
143,851	146,453	154,604	169,316	179,152	183,925	183,111	180,061
29,037	28,547	31,742	33,235	39,878	41,858	35,285	36,254
15,767	17,851	15,811	17,797	18,756	18,674	19,552	20,379
230,781	240,534	253,120	271,237	290,309	301,787	303,133	302,312
31,666	33,075	35,086	37,890	40,243	41,108	41,291	41,997
82,835	86,917	90,038	95,180	102,729	104,807	105,920	104,439
17,123	18,517	21,465	23,845	27,261	29,968	29,114	29,217
32,132	33,205	34,759	36,691	39,083	40,146	40,242	40,534
39,121	40,120	42,060	45,301	47,534	49,353	49,273	49,511
27,904	28,700	29,712	32,322	33,459	36,405	37,293	36,574
<b>571,883</b>	<b>591,423</b>	<b>616,923</b>	<b>658,581</b>	<b>699,448</b>	<b>718,069</b>	<b>712,316</b>	<b>710,396</b>
(15,845)	(12,289)	(11,062)	(6,170)	(8,647)	3,693	10,014	17,064
<b>556,038</b>	<b>579,134</b>	<b>605,861</b>	<b>652,411</b>	<b>690,801</b>	<b>721,762</b>	<b>722,330</b>	<b>727,460</b>

**Table 3.6**  
**IMPLICIT PRICE INDEX OF GROSS NATIONAL PRODUCT AND**  
**GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN**  
*Base year: 1985=100*  
*1980 to 1992*

INDUSTRY	1980	1981	1982	1983	1984
1. AGRI., FISHERY & FORESTRY	42.72	47.21	49.49	57.09	90.63
2. INDUSTRY SECTOR	38.27	42.67	46.48	53.83	83.52
a. Mining & Quarrying	59.82	55.33	53.27	66.88	90.88
b. Manufacturing	37.23	41.87	45.67	51.49	82.70
c. Construction	39.52	44.72	50.05	57.25	86.97
d. Electricity, Gas and Water	30.72	34.81	37.87	56.74	75.81
3. SERVICE SECTOR	40.10	45.25	50.22	56.21	83.10
a. Transportation, Communication and Storage	38.80	43.32	46.73	54.71	87.70
b. Trade	37.41	41.88	45.96	52.09	84.68
c. Finance	39.40	44.55	49.11	54.03	81.23
d. Ownership of Dwellings and Real Estate	39.91	45.12	52.87	58.69	78.80
e. Private Services	43.13	48.56	54.43	59.82	81.06
f. Government Services	47.33	53.91	59.31	64.64	82.31
GROSS DOMESTIC PRODUCT	39.97	44.65	48.54	55.44	85.01
GROSS NATIONAL PRODUCT	39.97	44.65	48.52	55.38	85.02

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.6 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	100.06	108.98	118.17	131.29	146.80	162.87	181.58
100.00	102.61	110.17	121.08	129.61	145.31	170.68	179.84
100.00	114.87	127.80	130.51	135.62	150.20	162.53	141.48
100.00	102.39	109.72	120.95	128.47	145.43	172.54	181.88
100.00	104.33	116.89	128.82	143.64	155.06	175.60	189.48
100.00	93.23	88.60	101.61	107.03	119.42	148.83	166.23
100.00	105.00	112.10	123.40	135.19	154.35	184.37	199.05
100.00	103.72	104.96	107.56	107.99	129.39	176.57	182.26
100.00	101.04	107.20	119.86	129.68	143.55	167.02	175.51
100.00	100.76	104.57	113.76	125.95	141.92	166.83	181.97
100.00	106.76	112.85	121.35	135.08	153.62	181.99	212.69
100.00	108.66	118.70	127.25	142.53	163.95	197.65	222.65
100.00	114.01	130.58	156.46	182.04	211.59	241.01	252.08
100.00	102.95	110.67	121.35	132.31	149.44	174.75	188.40
100.00	102.96	110.72	121.37	132.33	149.41	174.76	188.38

**Table 3.7**  
**PER CAPITA: GROSS DOMESTIC PRODUCT, GROSS NATIONAL PRODUCT**  
**AND PERSONAL CONSUMPTION EXPENDITURE**  
**1980 to 1992**

Item	1980	1981	1982	1983	1984
<b>A. Estimates in current pesos</b>					
1. Gross domestic product	5,044	5,684	6,246	7,089	9,831
2. Gross national product	5,035	5,663	6,175	6,978	9,531
3. Personal consumption expenditures	3,246	3,665	4,098	4,562	6,790
<b>B. Estimates in constant (1985) pesos</b>					
1. Gross domestic product	12,619	12,730	12,869	12,787	11,564
2. Gross national product	12,595	12,683	12,725	12,591	11,211
3. Personal consumption expenditures	8,224	8,235	8,312	8,157	7,981
<b>C. Population* (million persons)</b>	48.32	49.54	50.78	52.06	53.35

\* - Based on the latest Census of Population.

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.7 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
10,461	10,873	11,903	13,610	15,398	17,454	19,799	20,831
10,171	10,648	11,695	13,485	15,210	17,541	20,079	21,329
7,698	7,938	8,409	9,516	10,803	12,477	14,576	15,848
10,461	10,561	10,755	11,216	11,638	11,680	11,330	11,057
10,171	10,342	10,562	11,111	11,494	11,740	11,489	11,322
7,698	7,765	7,887	8,184	8,396	8,650	8,647	8,736
54.67	56.00	57.36	58.72	60.10	61.48	62.87	64.25

**Table 3.8**  
**GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY**  
**BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. AGRICULTURE INDUSTRY	54,902	62,124	66,671	73,628	116,531
a. Agriculture	44,973	48,951	52,587	56,048	93,865
Palay	6,909	8,175	8,958	9,294	15,492
Corn	3,019	3,465	3,776	3,925	6,695
Coconut including copra	4,807	4,679	4,057	6,859	18,963
Sugarcane	2,587	3,022	3,572	3,418	5,252
Banana	1,476	1,652	1,700	2,087	3,429
Other crops	16,304	16,758	18,477	17,564	20,744
Livestock	4,420	5,321	5,440	6,076	11,432
Poultry	3,095	3,802	4,353	4,427	6,828
Agricultural activities and services	2,356	2,077	2,254	2,398	5,030
b. Fishery	9,929	13,173	14,084	17,580	22,666
2. FORESTRY	6,317	7,968	7,384	8,917	13,293
<b>GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY</b>	<b>61,219</b>	<b>70,092</b>	<b>74,055</b>	<b>82,545</b>	<b>129,824</b>

**Table 3.9**  
**GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY**  
**BY INDUSTRY GROUP**  
*In million pesos : at constant 1985 prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. AGRICULTURE INDUSTRY	125,030	132,027	135,907	131,170	131,587
a. Agriculture	103,518	106,776	108,920	101,202	102,204
Palay	19,405	20,311	21,120	19,622	20,259
Corn	7,855	8,165	8,410	8,205	8,072
Coconut including copra	11,956	12,091	10,959	10,609	12,472
Sugarcane	5,184	5,275	5,870	4,841	5,964
Banana	3,935	3,782	3,799	3,679	3,691
Other crops	32,692	32,436	33,766	30,782	26,924
Livestock	9,748	11,306	10,953	11,379	11,970
Poultry	6,910	7,822	8,238	8,193	8,100
Agricultural activities and services	5,833	5,588	5,805	3,892	4,752
b. Fishery	21,512	25,251	26,987	29,968	29,383
2. FORESTRY	18,265	16,452	13,734	13,416	11,660
<b>GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY</b>	<b>143,295</b>	<b>148,479</b>	<b>149,641</b>	<b>144,586</b>	<b>143,247</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.8 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
131,557	136,475	150,671	170,459	198,868	227,049	254,807	285,707
104,499	104,456	119,415	135,751	162,408	186,216	207,531	234,366
22,476	20,595	21,706	25,147	31,565	36,416	36,373	35,761
9,491	8,724	10,471	11,766	15,329	16,469	14,699	18,233
11,307	6,938	11,003	12,494	12,050	12,515	13,819	20,352
3,791	3,093	4,004	4,351	6,650	6,962	9,288	9,567
3,531	3,586	4,203	4,677	3,891	5,547	7,314	8,984
30,112	35,337	39,025	41,003	48,155	52,381	59,867	63,201
10,972	12,646	14,496	18,432	23,530	29,862	34,299	38,729
6,771	7,218	8,078	10,474	12,622	16,163	20,660	26,365
6,048	6,319	6,429	7,407	8,616	9,901	11,212	13,174
27,058	32,019	31,256	34,708	36,460	40,833	47,276	51,341
8,997	9,332	13,256	13,056	11,141	8,907	6,541	4,631
140,554	145,807	163,927	183,515	210,009	235,956	261,348	290,338

*Table 3.9 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
131,557	135,486	138,075	144,028	150,694	153,414	155,700	157,022
104,499	106,240	107,155	115,447	121,066	122,631	123,720	124,685
22,476	23,590	22,837	23,138	25,281	24,873	25,821	24,332
9,491	9,528	10,119	10,466	10,203	10,950	10,567	10,261
11,307	10,515	9,652	9,008	7,007	7,084	6,782	6,860
3,791	3,364	3,053	2,997	3,897	3,652	4,141	4,305
3,531	3,600	3,635	2,940	2,913	2,698	2,684	2,782
30,112	29,873	30,368	35,518	37,240	36,613	36,245	36,835
10,972	12,552	13,700	14,532	16,334	16,854	17,063	17,194
6,771	7,072	7,595	9,990	11,082	12,215	12,594	13,962
6,048	6,146	6,196	6,858	7,109	7,692	7,823	8,154
27,058	29,246	30,920	28,581	29,628	30,783	31,980	32,337
8,997	10,239	12,339	11,264	9,270	7,320	4,765	2,873
140,554	145,725	150,414	155,292	159,964	160,734	160,465	159,895

**Table 3.10**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN AGRICULTURE, FISHERY**  
**AND FORESTRY BY INDUSTRY GROUP**  
 Base year: 1985=100  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. AGRICULTURE INDUSTRY	43.91	47.05	49.06	56.13	88.56
a. Agriculture	43.44	45.84	48.28	55.38	91.84
Palay	35.60	40.25	42.41	47.37	76.47
Corn	38.43	42.44	44.90	47.84	82.94
Coconut including copra	40.21	38.70	37.02	64.65	152.04
Sugarcane	49.90	57.29	60.85	70.61	88.06
Banana	37.51	43.68	44.75	56.73	92.90
Other crops	49.87	51.66	54.72	57.06	77.05
Livestock	45.34	47.06	49.67	53.40	95.51
Poultry	44.79	48.61	52.84	54.03	84.30
Agricultural activities and services	40.39	37.17	38.83	61.61	105.85
b. Fishery	46.16	52.17	52.19	58.66	77.14
2. FORESTRY	34.59	48.43	53.76	66.47	114.01
<b>GROSS VALUE ADDED IN</b>					
<b>AGRICULTURE, FISHERY</b>					
<b>AND FORESTRY</b>	<b>42.72</b>	<b>47.21</b>	<b>49.49</b>	<b>57.09</b>	<b>90.63</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.10 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	100.73	109.12	118.35	131.97	148.00	163.65	181.95
100.00	98.32	111.44	117.59	134.15	151.85	167.74	187.97
100.00	87.30	95.05	108.68	124.86	146.41	140.87	146.97
100.00	91.56	103.48	112.42	150.24	150.40	139.10	177.69
100.00	65.98	114.00	138.70	171.97	176.67	203.76	296.68
100.00	91.94	131.15	145.18	170.64	190.64	224.29	222.23
100.00	99.61	115.63	159.08	133.57	205.60	272.50	322.93
100.00	118.29	128.51	115.44	129.31	143.07	165.17	171.58
100.00	100.75	105.81	126.84	144.06	177.18	201.01	225.25
100.00	102.06	106.36	104.84	113.90	132.32	164.05	188.83
100.00	102.81	103.76	108.01	121.20	128.72	143.32	161.56
100.00	109.48	101.09	121.44	123.06	132.65	147.83	158.77
100.00	91.14	107.43	115.91	120.18	121.68	137.27	161.19
100.00	100.06	108.98	118.17	131.29	146.80	162.87	181.58

**Table 3.11**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Copper mining	2,153	1,875	1,735	2,067	2,726
2. Gold mining	1,372	1,338	1,350	2,038	2,855
3. Chromium mining	182	181	150	170	201
4. Nickel mining	553	418	211	151	170
5. Other metal mining	438	261	113	123	120
6. Crude oil	-	-	-	-	-
7. Stone quarrying and sand pits	563	896	1,023	1,136	1,067
8. Other non-metallic	199	204	300	497	1,003
<b>GROSS VALUE ADDED IN MINING AND QUARRYING</b>	<b>5,460</b>	<b>5,173</b>	<b>4,882</b>	<b>6,182</b>	<b>8,142</b>

**Table 3.12**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY INDUSTRY GROUP**  
*In million pesos : at constant 1985 prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Copper mining	3,672	3,718	3,573	3,451	3,048
2. Gold mining	1,843	2,231	2,469	2,538	2,876
3. Chromium mining	510	453	320	264	250
4. Nickel mining	721	512	292	192	149
5. Other metal mining	467	376	227	151	113
6. Crude oil	-	-	-	-	-
7. Stone quarrying and sand pits	1,429	1,577	1,590	1,565	1,293
8. Other non-metallic	486	483	694	1,083	1,230
<b>GROSS VALUE ADDED IN MINING AND QUARRYING</b>	<b>9,128</b>	<b>9,350</b>	<b>9,165</b>	<b>9,244</b>	<b>8,959</b>

**Table 3.13**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED  
IN MINING AND QUARRYING BY INDUSTRY GROUP**  
*Base year: 1985=100*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Copper mining	58.63	50.43	48.56	59.90	89.44
2. Gold mining	74.44	59.97	54.68	80.30	99.27
3. Chromium mining	35.69	39.96	46.88	64.39	80.40
4. Nickel mining	76.70	81.64	72.26	78.65	114.09
5. Other metal mining	93.79	69.41	49.78	81.46	106.19
6. Crude oil	-	-	-	-	-
7. Stone quarrying and sand pits	39.40	56.82	64.34	72.59	82.52
8. Other non-metallic	40.95	42.24	43.23	45.89	81.54
<b>GROSS VALUE ADDED IN MINING AND QUARRYING</b>	<b>59.82</b>	<b>55.33</b>	<b>53.27</b>	<b>66.88</b>	<b>90.88</b>

Preliminary estimates as of July 1993.  
Source: National Statistical Coordination Board.

*Table 3.11 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
3,031	2,940	3,332	4,315	4,340	4,276	4,076	3,396
5,390	8,331	8,231	7,338	6,454	7,395	8,134	6,884
278	214	180	199	254	294	257	118
608	114	52	104	297	544	534	494
267	110	117	127	113	101	76	57
-	-	-	-	-	-	-	577
1,011	1,308	1,506	1,711	1,926	2,075	2,036	2,136
1,308	1,127	936	1,481	2,062	1,974	2,391	2,601
<b>11,893</b>	<b>14,144</b>	<b>14,354</b>	<b>15,275</b>	<b>15,446</b>	<b>16,659</b>	<b>17,504</b>	<b>16,263</b>

*Table 3.12 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
3,031	2,972	2,969	3,017	2,726	2,605	2,170	2,068
5,390	6,445	5,394	4,701	4,915	4,800	4,862	4,584
278	190	186	171	239	230	155	112
608	109	63	78	116	108	100	103
267	122	96	110	104	94	80	88
-	-	-	-	-	-	-	941
1,011	1,162	1,280	1,571	1,812	1,844	1,875	1,830
1,308	1,313	1,244	2,056	1,477	1,410	1,528	1,769
<b>11,893</b>	<b>12,313</b>	<b>11,232</b>	<b>11,704</b>	<b>11,389</b>	<b>11,091</b>	<b>10,770</b>	<b>11,495</b>

*Table 3.13 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	98.92	112.23	143.02	159.21	164.15	187.83	164.22
100.00	129.26	152.60	156.09	131.31	154.06	167.30	150.17
100.00	112.63	96.77	116.37	106.28	127.83	165.81	105.36
100.00	104.59	82.54	133.33	256.03	503.70	534.00	479.61
100.00	90.16	121.88	115.45	108.65	107.45	95.00	64.77
-	-	-	-	-	-	-	61.32
100.00	112.56	117.66	108.91	106.29	112.53	108.59	116.72
100.00	85.83	75.24	72.03	139.61	140.00	156.48	147.03
<b>100.00</b>	<b>114.87</b>	<b>127.80</b>	<b>130.51</b>	<b>135.62</b>	<b>150.20</b>	<b>162.53</b>	<b>141.48</b>

**Table 3.14**  
**GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
Food manufactures	21,894	26,538	31,097	35,593	54,449
Beverage industries	2,248	2,706	3,134	3,658	5,418
Tobacco manufactures	2,014	2,393	2,715	3,046	4,108
Textile manufactures	3,424	3,356	3,876	4,068	5,769
Footwear wearing apparel	3,469	5,311	5,067	4,478	5,106
Wood and cork products	2,703	2,557	2,787	2,710	3,220
Furniture and fixtures	1,474	1,305	1,263	1,396	2,313
Paper and paper products	1,104	1,102	1,048	1,256	1,813
Publishing and printing	766	833	980	1,060	1,323
Leather and leather prod.	74	67	90	87	131
Rubber products	1,083	1,235	1,457	1,566	1,882
Chemical & chemical prod.	5,761	5,924	6,145	7,541	11,206
Products of petroleum & coal	6,436	7,167	8,313	9,428	13,611
Non-metallic mineral prod.	2,088	2,213	2,335	2,560	2,933
Basic metal industries	1,201	1,090	1,246	2,049	3,650
Metal industries	1,707	1,866	1,017	1,469	2,977
Machinery except electrical	663	818	928	1,052	1,304
Electrical machinery	1,934	2,245	2,802	3,319	4,921
Transport equipment	1,975	2,305	2,414	2,219	1,152
Miscellaneous manufactures	636	798	894	917	1,885
<b>GROSS VALUE ADDED IN MANUFACTURING</b>	<b>62,654</b>	<b>71,829</b>	<b>79,608</b>	<b>89,472</b>	<b>129,171</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.14 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
64,397	68,638	74,110	88,016	97,329	111,794	125,188	133,274
6,452	6,859	8,159	9,829	10,784	12,372	14,696	15,849
4,974	5,305	6,122	7,503	7,698	7,897	8,654	8,898
5,293	5,925	6,652	7,755	8,754	9,204	10,384	9,436
5,711	6,048	9,096	11,123	14,301	16,835	20,506	22,071
2,812	3,034	3,806	4,506	5,037	5,572	6,304	5,926
1,669	1,816	2,322	2,690	3,592	4,448	4,766	4,813
1,487	1,798	1,931	2,436	2,850	2,944	3,252	3,040
1,435	1,702	1,945	2,564	2,916	3,299	3,926	4,306
148	119	130	152	177	197	238	234
1,900	1,871	2,408	2,789	3,223	3,479	4,076	4,191
10,575	10,703	11,984	15,381	18,509	20,404	25,133	27,176
18,059	15,381	16,791	19,319	16,182	26,090	37,429	35,510
2,701	2,844	3,423	4,454	6,937	7,547	9,953	10,182
4,384	4,266	5,048	6,664	7,905	8,539	9,553	8,120
2,943	3,268	3,669	4,536	5,716	6,452	6,955	8,007
1,330	1,435	1,547	1,825	2,252	2,574	3,084	3,464
4,683	5,325	6,107	7,729	8,864	9,793	12,106	13,211
923	1,066	1,451	1,852	2,626	2,934	3,190	3,896
1,975	2,555	2,926	3,661	4,511	5,111	6,545	5,897
143,851	149,958	169,627	204,784	230,163	267,485	315,938	327,501

Table 3.15

**GROSS VALUE ADDED IN MANUFACTURING BY INDUSTRY GROUP**

*In million pesos : at constant 1985 prices*

*1980 to 1992*

Industry/Industry group	1980	1981	1982	1983	1984
Food manufactures	75,263	77,639	79,826	78,644	69,778
Beverage industries	3,956	4,605	4,701	5,311	6,351
Tobacco manufactures	4,937	5,770	6,461	6,225	5,100
Textile manufactures	7,884	6,626	7,506	7,613	6,644
Footwear wearing apparel	7,162	10,850	9,278	7,905	5,965
Wood and cork products	6,426	5,757	5,097	4,552	3,310
Furniture and fixtures	2,525	2,073	1,971	2,153	2,806
Paper and paper products	1,723	1,681	1,559	1,774	1,933
Publishing and printing	2,255	2,280	2,383	2,203	1,621
Leather and leather prod.	206	162	190	162	167
Rubber products	2,780	2,886	3,317	3,421	1,993
Chemical & chemical prod.	12,358	10,532	10,762	12,842	12,369
Products of petroleum & coal	16,406	15,821	17,862	16,108	15,245
Non-metallic mineral prod.	4,626	4,390	4,347	4,312	3,489
Basic metal industries	2,684	2,390	2,619	4,023	4,507
Metal industries	3,957	4,105	2,223	2,854	3,610
Machinery except electrical	2,253	2,567	2,576	2,559	1,873
Electrical machinery	3,668	3,934	4,267	4,804	5,644
Transport equipment	5,221	5,269	5,100	4,161	1,294
Miscellaneous manufactures	2,002	2,232	2,270	2,130	2,496
<b>GROSS VALUE ADDED IN MANUFACTURING</b>	<b>168,292</b>	<b>171,569</b>	<b>174,315</b>	<b>173,756</b>	<b>156,195</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.15 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
64,397	67,456	67,636	68,264	69,633	69,633	68,559	66,595
6,452	6,518	6,673	6,805	7,174	7,411	7,468	7,296
4,974	4,726	4,445	5,201	5,091	5,094	5,022	4,791
5,293	5,846	6,071	6,840	7,552	6,720	6,524	5,378
5,711	5,554	7,406	8,154	9,521	10,045	10,747	10,812
2,812	2,887	3,271	3,553	3,871	4,143	3,993	3,278
1,669	1,666	1,913	2,081	2,389	2,571	2,437	2,164
1,487	1,473	1,540	1,875	2,263	2,179	2,197	1,941
1,435	1,691	1,881	2,414	2,691	2,968	2,963	2,951
148	110	105	118	135	148	158	149
1,900	1,853	2,250	2,467	2,683	2,818	2,831	2,679
10,575	9,278	9,385	10,269	10,985	11,472	12,136	11,903
18,059	17,586	20,582	26,231	26,233	30,008	28,878	32,213
2,701	2,722	3,041	3,811	5,014	4,552	5,004	4,718
4,384	4,143	4,623	5,532	5,446	4,893	4,936	3,909
2,943	2,969	3,119	3,558	4,308	4,455	4,125	4,331
1,330	1,398	1,486	1,689	2,040	2,096	2,093	2,198
4,683	5,229	5,430	5,981	6,629	7,096	7,334	7,552
923	953	1,133	1,347	1,785	1,874	1,726	1,988
1,975	2,395	2,614	3,126	3,709	3,749	3,980	3,215
143,851	146,453	154,604	169,316	179,152	183,925	183,111	180,061

**Table 3.16**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED**  
**IN MANUFACTURING BY INDUSTRY GROUP**  
*Base year: 1985=100*  
*1980 to 1992*

Industry/Industry group	1980	1981	1982	1983	1984
Food manufactures	29.09	34.18	38.96	45.26	78.03
Beverage industries	56.83	58.76	66.67	68.88	85.31
Tobacco manufactures	40.79	41.47	42.02	48.93	80.55
Textile manufactures	43.43	50.65	51.64	53.43	86.83
Footwear wearing apparel	48.44	48.95	54.61	56.65	85.60
Wood and cork products	42.06	44.42	54.68	59.53	97.28
Furniture and fixtures	58.38	62.95	64.08	64.84	82.43
Paper and paper products	64.07	65.56	67.22	70.80	93.79
Publishing and printing	33.97	36.54	41.12	48.12	81.62
Leather and leather prod.	35.92	41.36	47.37	53.70	78.44
Rubber products	38.96	42.79	43.93	45.78	94.43
Chemical & chemical prod.	46.62	56.25	57.10	58.72	90.60
Products of petroleum & coal	39.23	45.30	46.54	58.53	89.28
Non-metallic mineral prod.	45.14	50.41	53.72	59.37	84.06
Basic metal industries	44.75	45.61	47.58	50.93	80.99
Metal industries	43.14	45.46	45.75	51.47	82.47
Machinery except electrical	29.43	31.87	36.02	41.11	69.62
Electrical machinery	52.73	57.07	65.67	69.09	87.19
Transport equipment	37.83	43.75	47.33	53.33	89.03
Miscellaneous manufactures	31.77	35.75	39.38	43.05	75.52
<b>GROSS VALUE ADDED IN MANUFACTURING</b>	<b>37.23</b>	<b>41.87</b>	<b>45.67</b>	<b>51.49</b>	<b>82.70</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.16 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	101.75	109.57	128.93	139.77	160.55	182.60	200.13
100.00	105.23	122.27	144.44	150.32	166.94	196.79	217.23
100.00	112.25	137.73	144.26	151.21	155.03	172.32	185.72
100.00	101.35	109.57	113.38	115.92	136.96	159.17	175.46
100.00	108.89	122.82	136.41	150.20	167.60	190.81	204.13
100.00	105.09	116.36	126.82	130.12	134.49	157.88	180.78
100.00	109.00	121.38	129.26	150.36	173.01	195.57	222.41
100.00	122.06	125.39	129.92	125.94	135.11	148.02	156.62
100.00	100.65	103.40	106.21	108.36	111.15	132.50	145.92
100.00	108.18	123.81	128.81	131.11	133.11	150.63	157.05
100.00	100.97	107.02	113.05	120.13	123.46	143.98	156.44
100.00	115.36	127.69	149.78	168.49	177.86	207.09	228.31
100.00	87.46	81.58	73.65	61.69	86.94	129.61	110.23
100.00	104.48	112.56	116.87	138.35	165.80	198.90	215.81
100.00	102.97	109.19	120.46	145.15	174.51	193.54	207.73
100.00	110.07	117.63	127.49	132.68	144.83	168.61	184.88
100.00	102.65	104.10	108.05	110.39	122.81	147.35	157.60
100.00	101.84	112.47	129.23	133.72	138.01	165.07	174.93
100.00	111.86	128.07	137.49	147.11	156.56	184.82	195.98
100.00	106.68	111.94	117.11	121.62	136.33	164.45	183.42
100.00	102.39	109.72	120.95	128.47	145.43	172.54	181.88

**Table 3.17**  
**GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Public	13,309	19,876	21,829	30,550	45,139
2. Private	23,966	26,102	28,526	36,148	37,809
<b>GROSS VALUE</b>	<b>37,275</b>	<b>45,978</b>	<b>50,355</b>	<b>66,698</b>	<b>82,948</b>
<b>GROSS VALUE ADDED</b>	<b>22,625</b>	<b>28,362</b>	<b>32,087</b>	<b>40,192</b>	<b>48,727</b>

**Table 3.18**  
**GROSS VALUE OF CONSTRUCTION AND GROSS VALUE ADDED IN CONSTRUCTION**  
*In million pesos : at constant 1985 prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Public	29,813	40,382	41,116	51,543	49,241
2. Private	49,944	50,739	51,762	59,126	41,243
<b>GROSS VALUE</b>	<b>79,757</b>	<b>91,121</b>	<b>92,878</b>	<b>110,669</b>	<b>90,484</b>
<b>GROSS VALUE ADDED</b>	<b>57,250</b>	<b>63,421</b>	<b>64,110</b>	<b>70,204</b>	<b>56,027</b>

**Table 3.19**  
**IMPLICIT PRICE INDEX OF GROSS VALUE OF CONSTRUCTION**  
**AND GROSS VALUE ADDED IN CONSTRUCTION**  
*Base year: 1985=100*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Public	44.64	49.22	53.09	59.27	91.67
2. Private	47.99	51.44	55.11	61.14	91.67
<b>GROSS VALUE</b>	<b>46.74</b>	<b>50.46</b>	<b>54.22</b>	<b>60.27</b>	<b>91.67</b>
<b>GROSS VALUE ADDED</b>	<b>39.52</b>	<b>44.72</b>	<b>50.05</b>	<b>57.25</b>	<b>86.97</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.17 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
27,987	22,752	21,860	24,564	33,159	66,935	54,222	61,984
28,905	31,381	41,183	48,620	65,778	71,595	72,082	75,950
56,892	54,133	63,043	73,184	98,937	138,530	126,304	137,934
29,037	29,784	37,104	42,814	57,281	64,903	61,962	68,695

*Table 3.18 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
27,987	22,116	19,251	20,184	25,971	39,895	26,872	29,688
28,905	30,261	35,997	39,070	45,052	42,754	36,639	36,376
56,892	52,377	55,248	59,254	71,023	82,649	63,511	66,064
29,037	28,547	31,742	33,235	39,878	41,858	35,285	36,254

*Table 3.19 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	102.88	113.55	121.70	142.15	167.78	201.78	208.78
100.00	103.70	114.41	124.44	148.04	167.46	196.74	208.79
100.00	103.35	114.11	123.51	145.89	167.61	198.87	208.79
100.00	104.33	116.89	128.82	143.64	155.06	175.60	189.48

**Table 3.20**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Electricity and gas	3,466	4,492	5,998	8,189	11,846
2. Water	340	453	579	766	933
<b>GROSS VALUE ADDED IN ELECTRICITY, GAS &amp; WATER</b>	<b>3,806</b>	<b>4,945</b>	<b>6,577</b>	<b>8,955</b>	<b>12,779</b>

**Table 3.21**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER**  
*In million pesos : at constant 1985 prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Electricity and gas	11,692	13,467	16,583	14,740	15,662
2. Water	697	738	784	1,043	1,195
<b>GROSS VALUE ADDED IN ELECTRICITY, GAS &amp; WATER</b>	<b>12,389</b>	<b>14,205</b>	<b>17,367</b>	<b>15,783</b>	<b>16,857</b>

**Table 3.22**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER**  
*Base year : 1985=100*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Electricity and gas	29.64	33.36	36.17	55.56	75.64
2. Water	48.78	61.38	73.85	73.44	78.08
<b>GROSS VALUE ADDED IN ELECTRICITY, GAS &amp; WATER</b>	<b>30.72</b>	<b>34.81</b>	<b>37.87</b>	<b>56.74</b>	<b>75.81</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.20 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
14,427	14,934	12,074	15,870	17,364	19,375	25,518	29,830
1,340	1,708	1,935	2,214	2,710	2,925	3,582	4,045
15,767	16,642	14,009	18,084	20,074	22,300	29,100	33,875

*Table 3.21 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
14,427	16,416	14,343	16,322	17,156	17,037	17,901	18,717
1,340	1,435	1,468	1,475	1,600	1,637	1,651	1,662
15,767	17,851	15,811	17,797	18,756	18,674	19,552	20,379

*Table 3.22 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	90.97	84.18	97.23	101.21	113.72	142.55	159.37
100.00	119.02	131.81	150.10	169.38	178.68	216.96	243.38
100.00	93.23	88.60	101.61	107.03	119.42	148.83	166.23

**Table 3.23**  
**GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. TRANSPORT AND STORAGE	9,857	11,478	12,540	14,701	22,963
a. Land	5,158	6,143	7,011	8,892	15,054
b. Water	1,897	2,030	1,983	2,081	2,778
c. Air	811	929	968	989	1,319
d. Storage and services incidental to transport	1,991	2,376	2,578	2,739	3,812
2. COMMUNICATION	1,462	1,790	2,140	3,147	5,154
<b>GROSS VALUE ADDED IN TRANSPORT COMMUNICATION AND STORAGE</b>	<b>11,319</b>	<b>13,268</b>	<b>14,680</b>	<b>17,848</b>	<b>28,117</b>

**Table 3.24**  
**GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE**  
*In million pesos : at constant 1985 prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. TRANSPORT AND STORAGE	24,851	25,534	25,735	26,634	26,014
a. Land	14,813	15,342	15,564	16,544	17,178
b. Water	4,452	4,292	4,083	3,966	3,331
c. Air	863	961	1,044	1,190	1,202
d. Storage and services incidental to transport	4,723	4,939	5,044	4,934	4,303
2. COMMUNICATION	4,324	5,095	5,680	5,988	6,046
<b>GROSS VALUE ADDED IN TRANSPORT COMMUNICATION AND STORAGE</b>	<b>29,175</b>	<b>30,629</b>	<b>31,415</b>	<b>32,622</b>	<b>32,060</b>

**Table 3.25**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED  
 IN TRANSPORT, COMMUNICATION & STORAGE**  
*Base year: 1985=100*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. TRANSPORT AND STORAGE	39.66	44.95	48.73	55.20	88.27
a. Land	34.82	40.04	45.05	53.75	87.64
b. Water	42.61	47.30	48.57	52.47	83.40
c. Air	93.97	96.67	92.72	83.11	109.73
d. Storage and services incidental to transport	42.16	48.11	51.11	55.51	88.59
2. COMMUNICATION	33.81	35.13	37.68	52.56	85.25
<b>GROSS VALUE ADDED IN TRANSPORT COMMUNICATION AND STORAGE</b>	<b>38.80</b>	<b>43.32</b>	<b>46.73</b>	<b>54.71</b>	<b>87.70</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.23 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
25,764	27,235	29,302	31,898	33,242	41,151	57,983	59,865
17,342	17,528	18,228	19,215	19,679	26,239	37,824	39,097
3,065	2,992	3,299	3,757	4,443	5,044	6,377	6,568
1,238	2,480	3,010	3,909	3,975	3,798	6,292	7,180
4,119	4,235	4,765	5,017	5,145	6,070	7,490	7,020
5,902	7,072	7,525	8,864	10,218	12,040	14,925	16,678
<b>31,666</b>	<b>34,307</b>	<b>36,827</b>	<b>40,762</b>	<b>43,460</b>	<b>53,191</b>	<b>72,908</b>	<b>76,543</b>

*Table 3.24 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
25,764	26,484	28,075	29,871	31,184	31,220	30,595	31,260
17,342	17,788	18,443	19,348	20,173	20,194	20,590	21,271
3,065	3,070	3,447	3,925	4,122	4,197	3,724	3,696
1,238	1,267	1,330	1,539	1,521	1,390	1,477	1,662
4,119	4,359	4,855	5,059	5,368	5,439	4,804	4,631
5,902	6,591	7,011	8,027	9,059	9,888	10,696	10,737
<b>31,666</b>	<b>33,075</b>	<b>35,086</b>	<b>37,898</b>	<b>40,243</b>	<b>41,108</b>	<b>41,291</b>	<b>419,997</b>

*Table 3.25 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	102.84	104.37	106.79	106.60	131.81	189.52	192.06
100.00	98.54	98.83	99.31	97.55	129.93	183.00	183.70
100.00	97.46	95.71	95.72	107.79	120.18	171.24	171.24
100.00	195.74	226.32	254.00	261.34	273.24	426.00	462.21
100.00	97.16	98.15	99.17	95.85	111.60	155.91	151.59
100.00	107.30	107.33	110.43	112.79	121.76	139.54	155.33
<b>100.00</b>	<b>103.72</b>	<b>104.96</b>	<b>107.56</b>	<b>107.99</b>	<b>129.39</b>	<b>176.57</b>	<b>182.26</b>

**Table 3.26**  
**GROSS VALUE ADDED IN TRADE**  
*In million pesos : at current prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Wholesale	29,681	33,299	39,683	46,743	70,822
2. Retail	0	0	0	0	0
<b>GROSS VALUE ADDED IN TRADE</b>	<b>29,681</b>	<b>33,299</b>	<b>39,683</b>	<b>46,743</b>	<b>70,822</b>

**Table 3.27**  
**GROSS VALUE ADDED IN TRADE**  
*In million pesos : at constant 1985 prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Wholesale	79,335	79,511	86,338	89,739	83,637
2. Retail	0	0	0	0	0
<b>GROSS VALUE ADDED IN TRADE</b>	<b>79,335</b>	<b>79,511</b>	<b>86,338</b>	<b>89,739</b>	<b>83,637</b>

**Table 3.28**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN TRADE**  
*Base year: 1985=100*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Wholesale	37.41	41.88	45.96	52.09	84.68
2. Retail					
<b>GROSS VALUE ADDED IN TRADE</b>	<b>37.41</b>	<b>41.88</b>	<b>45.96</b>	<b>52.09</b>	<b>84.68</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.26 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
15,203	15,055	19,063	23,000	32,693	36,774	38,514	35,214
67,632	72,770	77,455	91,085	100,531	113,679	138,389	148,092
82,835	87,825	96,518	114,085	133,224	150,453	176,903	183,306

Table 3.27 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
15,204	15,010	17,652	18,556	24,176	24,643	22,832	19,993
67,631	71,907	72,386	76,624	78,553	80,164	83,088	84,446
82,835	86,917	90,038	95,180	102,729	104,807	105,920	104,439

Table 3.28 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
99.99	100.30	107.99	123.95	135.23	149.23	168.68	176.13
100.00	101.20	107.00	118.87	127.98	141.81	166.56	175.37
100.00	101.04	107.20	119.86	129.68	143.55	167.02	175.51

**Table 3.29**  
**GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Banks	4,870	4,997	6,305	8,523	10,201
2. Non-banks	2,038	1,431	1,340	1,496	2,033
3. Insurance	2,549	2,825	3,117	3,465	4,101
<b>GROSS VALUE ADDED IN FINANCE</b>	<b>9,457</b>	<b>9,253</b>	<b>10,762</b>	<b>13,484</b>	<b>16,335</b>

**Table 3.30**  
**GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP**  
*In million pesos : at constant 1985 prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Banks	12,360	11,217	12,838	15,775	12,558
2. Non-banks	5,173	3,212	2,729	2,769	2,503
3. Insurance	6,470	6,341	6,347	6,413	5,049
<b>GROSS VALUE ADDED IN FINANCE</b>	<b>24,003</b>	<b>20,770</b>	<b>21,914</b>	<b>24,957</b>	<b>20,110</b>

**Table 3.31**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN FINANCE BY INDUSTRY GROUP**  
*Base year: 1985=100*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Banks	39.40	44.55	49.11	54.03	81.23
2. Non-banks	39.40	44.55	49.10	54.03	81.22
3. Insurance	39.40	44.55	49.11	54.03	81.22
<b>GROSS VALUE ADDED IN FINANCE</b>	<b>39.40</b>	<b>44.55</b>	<b>49.11</b>	<b>54.03</b>	<b>81.23</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.29 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
10,608	11,682	14,972	18,684	24,046	30,433	33,802	36,874
2,064	2,255	2,471	2,864	3,629	4,225	5,119	5,695
4,451	4,721	5,003	5,577	6,659	7,873	9,651	10,597
17,123	18,658	22,446	27,125	34,334	42,531	48,572	53,166

*Table 3.30 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
10,608	11,594	14,318	16,417	19,094	21,443	20,274	20,277
2,064	2,238	2,363	2,516	2,883	2,979	3,067	3,126
4,451	4,685	4,784	4,912	5,284	5,546	5,773	5,814
17,123	18,517	21,465	23,845	27,261	29,968	29,114	29,217

*Table 3.31 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	100.76	104.57	113.81	125.93	141.93	166.73	181.85
100.00	100.76	104.57	113.84	125.87	141.83	166.91	182.16
100.00	100.77	104.58	113.54	126.02	141.96	167.17	182.27
100.00	100.76	104.57	113.76	125.95	141.92	166.83	181.97

**Table 3.32**  
**GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE**  
**BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Real estate	3,557	3,778	4,745	5,018	5,637
2. Ownership of dwellings	9,078	10,571	13,281	15,344	20,040
<b>GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE</b>	<b>12,635</b>	<b>14,349</b>	<b>18,026</b>	<b>20,362</b>	<b>25,677</b>

**Table 3.33**  
**GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE**  
**BY INDUSTRY GROUP**  
*In million pesos : at constant 1985 prices*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Real estate	9,027	8,479	9,661	9,288	6,939
2. Ownership of dwellings	22,628	23,324	24,432	25,405	25,646
<b>GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE</b>	<b>31,655</b>	<b>31,803</b>	<b>34,093</b>	<b>34,693</b>	<b>32,585</b>

**Table 3.34**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED**  
**IN OWNERSHIP OF DWELLINGS AND REAL ESTATE BY INDUSTRY GROUP**  
*Base year: 1985=100*  
**1980 to 1992**

Industry/Industry group	1980	1981	1982	1983	1984
1. Real estate	39.40	44.56	49.11	54.03	81.24
2. Ownership of dwellings	40.12	45.32	54.36	60.40	78.14
<b>GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS AND REAL ESTATE</b>	<b>39.91</b>	<b>45.12</b>	<b>52.87</b>	<b>58.69</b>	<b>78.80</b>

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

*Table 3.32 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
5,602	6,286	6,969	7,931	9,541	11,183	13,120	14,526
26,530	29,163	32,257	36,592	43,251	50,490	60,118	71,687
32,132	35,449	39,226	44,523	52,792	61,673	73,238	86,213

*Table 3.33 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
5,602	6,239	6,665	6,970	7,585	7,897	7,867	7,987
26,530	26,966	28,094	29,721	31,498	32,249	32,375	32,547
32,132	33,205	34,759	36,691	39,083	40,146	40,242	40,534

*Table 3.34 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	100.75	104.56	113.79	125.79	141.61	166.77	181.87
100.00	108.15	114.82	123.12	137.31	156.56	185.69	220.26
100.00	106.76	112.85	121.35	135.08	153.62	181.99	212.69

**Table 3.35**  
**GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP**  
*In million pesos : at current prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Government	11,998	14,622	16,721	17,998	22,865
2. Private	12,895	16,404	20,096	25,296	32,022
Educational	2,056	2,318	2,736	3,073	3,756
Medical and health	1,492	1,958	2,458	3,032	4,203
Business	2,343	2,709	3,377	4,138	4,582
Recreational	1,091	1,330	1,818	2,580	3,642
Personal	2,546	3,788	4,701	5,944	8,279
Hotel and restaurant	2,494	3,184	3,848	5,156	6,209
Others	873	1,117	1,158	1,373	1,351
<b>GROSS VALUE ADDED IN OTHER SERVICES</b>	<b>24,893</b>	<b>31,026</b>	<b>36,817</b>	<b>43,294</b>	<b>54,887</b>

**Table 3.36**  
**GROSS VALUE ADDED IN OTHER SERVICES BY INDUSTRY GROUP**  
*In million pesos : at constant prices*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Government	25,350	27,122	28,191	27,844	27,779
2. Private	29,896	33,783	36,918	42,289	39,506
Educational	4,437	4,539	4,651	4,766	4,542
Medical and health	3,154	3,807	4,151	4,687	4,990
Business	6,114	6,364	7,395	8,051	6,190
Recreational	2,315	2,507	3,199	4,224	4,528
Personal	5,864	7,601	8,080	9,545	10,124
Hotel and restaurant	5,938	6,652	7,209	8,586	7,404
Others	2,074	2,313	2,233	2,430	1,728
<b>GROSS VALUE ADDED IN OTHER SERVICES</b>	<b>55,246</b>	<b>60,905</b>	<b>65,109</b>	<b>70,133</b>	<b>67,285</b>

**Table 3.37**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN OTHER SERVICES**  
*Base year: 1985=100*  
 1980 to 1992

Industry/Industry group	1980	1981	1982	1983	1984
1. Government	47.33	53.91	59.31	64.64	82.31
2. Private	43.13	48.56	54.43	59.82	81.06
Educational	46.34	51.06	58.83	64.48	82.72
Medical and health	47.31	51.47	59.19	64.69	84.25
Business	38.32	42.54	45.67	51.40	74.04
Recreational	47.13	53.05	56.83	61.08	80.42
Personal	43.42	49.85	58.18	62.27	81.76
Hotel and restaurant	42.00	47.87	53.39	60.06	85.85
Others	42.09	48.29	51.86	56.50	70.23
<b>GROSS VALUE ADDED IN OTHER SERVICES</b>	<b>45.06</b>	<b>50.94</b>	<b>56.55</b>	<b>61.73</b>	<b>81.57</b>

Preliminary estimates as of July 1993.  
 Source: National Statistical Coordination Board.

Table 3.35 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
27,904	32,720	38,799	50,571	60,909	77,031	89,880	92,196
39,121	43,593	49,927	57,644	67,752	80,916	97,388	110,325
4,685	5,106	5,480	6,459	8,353	10,281	13,075	15,402
5,182	5,243	6,356	7,204	8,370	9,661	12,468	14,421
5,478	6,034	6,397	7,466	8,530	10,505	13,052	14,865
4,687	5,331	6,648	7,790	8,573	9,921	11,377	12,085
10,326	12,029	13,497	15,549	18,141	22,742	26,836	29,814
7,125	8,186	9,717	11,169	13,631	15,492	17,809	20,810
1,638	1,664	1,832	2,007	2,154	2,314	2,771	2,928
67,025	76,313	88,726	108,215	128,661	157,947	187,268	202,521

Table 3.36 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
27,904	28,700	29,712	32,322	33,459	36,405	37,293	36,574
39,121	40,120	42,060	45,301	47,534	49,353	49,273	49,551
4,685	4,648	4,561	4,951	5,217	5,303	5,366	5,472
5,182	4,911	5,618	6,006	6,643	6,859	7,258	7,530
5,478	5,563	5,252	5,413	5,447	5,652	5,783	5,719
4,687	5,099	5,772	6,725	6,949	7,197	7,263	6,958
10,326	11,194	11,487	12,193	12,850	13,901	13,321	13,227
7,125	7,120	7,667	8,200	8,550	8,503	8,334	8,702
1,638	1,585	1,703	1,813	1,878	1,938	1,948	1,943
67,025	68,820	71,772	77,623	80,993	85,758	86,566	86,125

Table 3.37 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	114.01	130.58	156.46	180.04	211.59	241.01	252.08
100.00	108.66	118.70	127.25	142.53	163.95	197.65	222.65
100.00	109.83	120.15	130.46	160.11	193.87	243.66	281.47
100.00	106.80	113.14	119.95	126.00	140.85	171.78	191.51
100.00	108.47	121.80	137.93	156.60	185.86	225.70	259.92
100.00	104.55	115.18	115.84	123.37	137.85	156.64	173.68
100.00	107.45	117.50	127.52	141.18	163.60	201.46	225.40
100.00	114.99	126.72	136.21	159.43	182.19	213.69	239.14
100.00	104.92	107.63	110.70	114.70	119.40	142.25	150.69
100.00	110.89	123.62	139.41	158.85	184.18	216.33	235.15

Table 3.38

## GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT BY MAJOR TYPE

(In million pesos; at current prices)

1980 to 1992

Type of equipment	1980	1981	1982	1983	1984
<b>DURABLE EQUIPMENT</b>	<b>24,085</b>	<b>26,809</b>	<b>31,367</b>	<b>37,661</b>	<b>37,897</b>
<b>A. Machinery specialized for particular industries</b>	<b>6,653</b>	<b>7,645</b>	<b>9,888</b>	<b>10,133</b>	<b>12,138</b>
1. Agricultural machineries	207	172	157	144	81
2. Tractor other than steam	172	206	104	118	40
3. Mining, construction machineries	1,583	1,452	1,412	1,505	616
4. Textile machineries	886	597	440	494	307
5. Sawmill & logging machineries	44	63	44	44	46
6. Sugarmill machineries	10	14	16	3	3
7. Pulp and paper machineries	217	122	78	46	405
8. Metal working machineries	607	621	812	478	379
9. Telecommunications & sound recording/reproducing equipment	1,260	2,230	4,699	3,246	6,043
10. Other special industrial machineries	1,667	2,168	2,126	4,055	4,218
<b>B. General industrial machinery and equipment</b>	<b>6,531</b>	<b>8,736</b>	<b>10,218</b>	<b>15,991</b>	<b>11,302</b>
1. Aircon & refrigeration equipment	560	883	1,384	1,071	1,035
2. Pumps and compressor	801	940	1,088	966	671
3. Other electrical machinery and apparatus	1,598	3,409	3,098	7,824	4,284
4. Other general industrial machineries	3,572	3,504	4,648	6,130	5,312
<b>C. Transport equipment</b>	<b>7,914</b>	<b>7,372</b>	<b>8,186</b>	<b>8,222</b>	<b>10,246</b>
1. Road vehicles	5,191	5,391	7,511	6,411	5,850
2. Railway transport	163	46	35	38	877
3. Air transport	1,257	1,040	327	405	2,969
4. Water transport	1,303	895	313	1,368	550
<b>D. Miscellaneous equipment</b>	<b>2,987</b>	<b>3,056</b>	<b>3,075</b>	<b>3,315</b>	<b>4,211</b>
1. Office machines & data processing	616	599	655	786	600
2. Other misc. durable equipment	2,371	2,457	2,420	2,532	3,611

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.38 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
33,261	39,091	42,112	56,951	79,030	101,968	109,521	137,103
10,735	13,924	15,416	16,755	22,838	29,910	32,684	38,108
49	34	75	131	157	236	310	407
17	31	37	144	373	309	389	388
487	490	827	1,122	2,844	2,713	4,438	4,039
336	489	2,026	2,047	3,090	4,329	3,992	4,940
36	39	81	69	132	167	132	99
0	8	13	18	57	22	34	116
64	101	210	197	389	763	511	698
620	696	892	1,326	1,575	2,248	2,474	2,690
6,193	7,895	6,611	5,654	4,978	5,745	6,333	7,110
2,933	4,141	4,644	6,047	9,243	13,378	14,071	17,621
12,029	14,075	13,381	18,361	26,457	34,437	37,273	43,780
1,031	1,016	1,758	6,455	9,033	9,860	9,464	11,901
587	747	1,164	1,647	1,898	2,410	2,658	3,013
5,277	5,790	6,456	6,453	6,121	10,364	12,523	7,778
5,134	6,522	4,003	3,806	9,405	11,803	12,628	21,088
6,288	4,579	5,044	9,243	15,715	21,251	19,050	30,392
5,664	3,913	3,834	4,869	8,943	11,598	11,449	15,876
67	38	95	24	11	16	40	880
70	9	407	2,726	4,695	7,044	4,405	10,061
487	619	708	1,624	2,066	2,593	3,156	3,575
4,209	6,513	8,271	12,592	14,020	16,370	20,514	24,823
1,166	917	1,278	1,810	1,629	1,715	1,510	5,011
3,043	5,596	6,993	10,782	12,391	14,655	19,004	19,812

**Table 3.39**  
**GROSS REGIONAL DOMESTIC PRODUCT**  
*(In million pesos; at current prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>243,749</b>	<b>281,596</b>	<b>317,179</b>	<b>369,078</b>	<b>524,482</b>
NCR.	Metro Manila	72,031	83,083	95,224	112,395	154,514
CAR	Cordillera					
I.	Ilocos Region	10,600	11,863	13,354	15,165	21,306
II.	Cagayan Valley	6,848	8,202	9,215	10,284	14,055
III.	Central Luzon	20,767	25,304	28,975	33,353	47,831
IV.	Southern Tagalog	34,975	40,122	44,694	51,628	74,649
V.	Bicol Region	7,735	9,009	10,019	11,793	16,600
VI.	Western Visayas	18,059	21,458	24,348	27,912	38,265
VII.	Central Visayas	15,678	18,026	20,339	23,631	33,607
VIII.	Eastern Visayas	6,209	7,139	8,025	9,534	15,223
IX.	Western Mindanao	7,917	9,301	10,244	12,124	17,787
X.	Northern Mindanao	14,655	16,608	18,151	20,502	29,037
XI.	Southern Mindanao	19,161	21,164	23,196	27,391	41,466
XII.	Central Mindanao	9,114	10,316	11,396	13,365	20,141

**Table 3.40**  
**GROSS REGIONAL DOMESTIC PRODUCT**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>609,769</b>	<b>630,645</b>	<b>653,469</b>	<b>665,718</b>	<b>616,963</b>
NCR.	Metro Manila	183,444	187,769	196,603	206,111	186,143
CAR	Cordillera					
I.	Ilocos Region	24,403	25,255	26,210	26,231	25,204
II.	Cagayan Valley	17,356	18,203	18,249	18,175	16,507
III.	Central Luzon	52,831	57,614	60,542	60,380	56,370
IV.	Southern Tagalog	86,998	89,986	93,448	92,900	86,820
V.	Bicol Region	18,240	18,955	19,603	20,298	19,265
VI.	Western Visayas	45,615	48,634	51,137	51,203	46,473
VII.	Central Visayas	37,562	39,163	40,704	42,071	39,736
VIII.	Eastern Visayas	15,155	15,602	16,272	16,706	17,514
IX.	Western Mindanao	19,407	20,363	20,674	21,109	20,162
X.	Northern Mindanao	37,059	37,166	37,266	37,316	33,353
XI.	Southern Mindanao	48,559	48,255	48,597	48,411	46,193
XII.	Central Mindanao	23,139	23,681	24,165	24,808	23,224

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.39 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
571,884	608,888	682,765	799,183	925,444	1,073,099	1,244,742	1,342,630
169,191	185,371	212,693	255,062	290,288	343,743	397,827	434,792
		12,671	13,792	18,317	20,886	24,965	23,403
25,282	29,533	21,849	25,523	29,147	32,119	42,301	39,265
14,784	15,043	13,751	15,536	21,645	26,679	25,863	27,276
53,159	54,631	59,593	68,035	78,796	93,613	111,566	134,944
79,554	83,790	93,236	109,908	125,821	151,461	185,361	195,562
18,288	18,733	19,740	22,748	27,426	31,474	36,279	37,864
42,645	44,554	49,071	57,545	66,049	75,010	85,205	92,959
35,656	38,280	43,278	51,725	61,412	68,666	80,508	85,317
16,226	16,319	19,165	21,891	25,023	28,923	32,314	34,383
18,721	19,709	21,030	23,970	27,249	31,246	34,558	37,422
32,300	34,033	37,870	42,209	49,271	54,967	60,656	63,995
44,102	45,864	54,382	61,883	68,707	75,771	83,720	90,374
21,976	23,028	25,436	29,357	36,293	37,539	43,617	45,074

Table 3.40 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
571,883	591,423	616,926	658,583	699,450	718,070	712,317	712,707
169,191	175,182	185,779	203,251	211,578	221,577	215,735	215,184
		10,235	10,659	13,383	14,387	14,457	12,999
25,282	27,229	19,420	20,798	22,211	21,456	24,930	21,603
14,784	15,092	12,625	13,520	16,137	17,244	14,972	14,139
52,159	54,200	57,025	61,225	66,291	69,482	69,237	79,545
79,554	82,912	87,717	94,267	100,832	107,019	108,367	109,076
18,288	18,363	17,981	19,048	20,709	21,261	21,453	20,746
42,645	43,828	45,159	47,062	49,981	50,029	50,137	51,131
35,656	37,511	39,622	42,978	45,613	45,619	45,492	45,082
16,226	16,041	16,167	17,473	17,708	17,729	17,463	16,966
18,721	19,357	19,314	19,847	20,789	21,281	20,402	20,492
32,300	33,014	34,172	35,359	37,210	36,877	35,951	35,339
44,102	45,696	48,639	49,043	50,494	49,109	48,524	47,020
21,976	22,997	23,071	24,050	26,514	24,999	25,196	23,385

**Table 3.41**  
**IMPLICIT PRICE INDEX OF GROSS REGIONAL DOMESTIC PRODUCT**  
*Base year: 1985=100*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>48.54</b>	<b>55.44</b>	<b>48.54</b>	<b>55.44</b>	<b>85.01</b>
NCR. Metro Manila	48.37	54.46	48.37	54.46	83.01
CAR Cordillera					
I. Ilocos Region	51.09	57.91	51.09	57.91	84.53
II. Cagayan Valley	49.51	56.65	49.51	56.65	85.15
III. Central Luzon	402.41	466.35	47.95	55.25	84.85
IV. Southern Tagalog	47.88	55.59	47.88	55.59	85.98
V. Bicol Region	366.04	408.02	51.14	58.11	86.16
VI. Western Visayas	47.66	54.56	47.66	54.56	82.34
VII. Central Visayas	26.10	28.19	50.09	56.20	84.56
VIII. Eastern Visayas	42.27	49.18	49.41	57.14	86.95
IX. Western Mindanao	100.40	119.99	49.56	57.38	88.14
X. Northern Mindanao	93.89	107.57	48.78	55.02	87.11
XI. Southern Mindanao	16.02	18.69	47.76	56.60	89.77
XII. Central Mindanao	74.88	86.58	47.27	53.92	86.73

**Table 3.42**  
**GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY BY REGION**  
*(In million pesos; at current prices)*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>61,219</b>	<b>70,092</b>	<b>74,055</b>	<b>82,545</b>	<b>129,824</b>
NCR. Metro Manila	0	0	0	0	0
CAR Cordillera					
I. Ilocos Region	4,035	4,521	48,589	5,012	7,447
II. Cagayan Valley	2,736	3,143	3,303	3,593	5,615
III. Central Luzon	4,863	5,744	6,260	6,440	9,954
IV. Southern Tagalog	10,087	11,927	12,605	14,446	23,296
V. Bicol Region	3,640	4,052	4,333	4,784	7,509
VI. Western Visayas	7,071	8,390	9,176	9,878	14,401
VII. Central Visayas	2,482	2,870	3,100	3,443	5,337
VIII. Eastern Visayas	2,601	2,913	3,101	3,470	5,742
IX. Western Mindanao	4,074	4,772	5,004	5,795	9,310
X. Northern Mindanao	5,838	6,729	6,941	7,525	11,607
XI. Southern Mindanao	9,466	10,261	10,472	12,634	20,427
XII. Central Mindanao	4,327	4,771	4,901	5,525	9,179

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.41 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	102.95	110.67	121.35	132.31	149.44	174.75	188.38
100.00	105.81	114.49	125.49	137.20	155.13	184.41	202.06
		123.81	129.39	136.86	145.17	172.68	180.04
100.00	108.46	112.51	122.72	131.23	149.70	169.68	181.76
100.00	99.67	108.92	114.91	134.14	154.71	172.75	192.92
100.00	100.79	104.50	111.12	118.86	134.73	161.14	169.64
100.00	101.06	106.29	116.59	124.78	141.53	171.05	179.29
100.00	102.02	109.79	119.42	132.44	148.03	169.11	182.51
100.00	101.66	108.66	122.27	132.15	149.93	169.94	181.80
100.00	102.05	109.23	120.35	134.64	150.52	176.97	189.25
100.00	101.73	118.54	125.29	141.31	163.15	185.04	202.66
100.00	101.82	108.88	120.78	131.07	146.83	169.39	182.62
100.00	103.08	110.82	119.37	132.42	149.05	168.72	181.09
100.00	100.37	111.81	126.18	136.07	154.29	172.53	192.21
100.00	100.14	110.25	122.06	136.88	150.16	173.11	192.75

Table 3.42 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
140,554	145,807	163,927	183,515	210,009	235,956	261,348	290,338
0	0	0	0	0	0	0	0
		2,911	3,213	3,680	3,825	4,557	5,043
9,115	10,444	8,779	10,681	11,498	13,092	14,742	15,296
6,843	6,797	7,314	8,155	10,358	11,655	11,961	14,162
11,530	11,966	133,180	15,266	18,328	22,360	24,769	26,948
24,845	26,637	28,781	34,037	38,659	44,311	51,841	58,982
8,496	8,313	8,781	9,892	11,377	12,751	14,242	15,289
15,083	15,486	17,302	19,087	22,229	24,382	27,504	31,421
5,676	5,868	6,616	7,438	9,317	10,681	12,434	13,568
6,180	5,998	6,844	7,754	8,714	9,839	10,695	11,901
9,939	10,291	11,009	12,348	13,282	15,463	16,687	18,782
12,177	13,526	16,181	16,349	18,811	20,079	21,177	23,263
20,520	19,848	24,115	25,848	28,409	30,692	33,351	36,379
10,149	10,633	11,976	13,447	15,347	16,824	17,389	19,302

**Table 3.43**  
**GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
PHILIPPINES		143,295	148,479	149,641	144,586	143,247
NCR.	Metro Manila	0	0	0	0	0
CAR	Cordillera					
I.	Ilocos Region	9,194	9,520	9,778	9,040	8,709
II.	Cagayan Valley	7,129	7,002	6,943	6,555	6,577
III.	Central Luzon	11,478	12,547	12,757	12,040	11,749
IV.	Southern Tagalog	23,129	25,214	26,185	25,848	25,680
V.	Bicol Region	8,247	8,382	8,564	8,401	8,301
VI.	Western Visayas	15,457	16,668	17,690	16,789	17,089
VII.	Central Visayas	5,630	5,968	6,150	6,064	6,102
VIII.	Eastern Visayas	6,372	6,366	6,529	6,128	6,198
IX.	Western Mindanao	9,590	10,129	10,051	9,877	10,103
X.	Northern Mindanao	13,680	13,737	13,272	12,850	12,246
XI.	Southern Mindanao	22,922	22,508	21,461	21,047	20,674
XII.	Central Mindanao	10,469	10,438	10,260	9,947	9,818

**Table 3.44**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN AGRICULTURE AND FORESTRY**  
*Base year: 1985=100*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
PHILIPPINES		42.72	47.21	49.49	57.09	90.63
NCR.	Metro Manila					
CAR	Cordillera					
I.	Ilocos Region	43.89	47.49	49.69	55.44	85.50
II.	Cagayan Valley	38.37	44.88	47.57	54.82	85.37
III.	Central Luzon	42.37	45.78	49.07	53.49	84.72
IV.	Southern Tagalog	43.61	47.30	48.14	55.89	90.71
V.	Bicol Region	44.14	48.34	50.59	56.94	90.46
VI.	Western Visayas	45.75	50.34	51.87	58.84	84.27
VII.	Central Visayas	44.08	48.08	50.40	56.77	87.46
VIII.	Eastern Visayas	40.82	45.75	47.50	56.62	92.65
IX.	Western Mindanao	42.48	47.11	49.78	58.67	92.15
X.	Northern Mindanao	42.68	48.99	52.30	58.56	94.79
XI.	Southern Mindanao	41.30	45.59	48.80	60.03	98.80
XII.	Central Mindanao	41.34	45.71	47.77	55.54	93.49

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

*Table 3.43 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
140,554	145,725	150,414	155,292	159,964	160,734	160,465	159,895
0	0	0	0	0	0	0	0
		2,556	2,739	2,821	2,665	2,658	2,760
9,115	9,787	7,830	8,545	8,730	9,125	9,091	8,973
6,843	7,238	6,911	7,605	7,851	7,796	7,302	7,540
11,530	11,920	12,944	13,242	14,463	15,849	16,044	16,039
24,845	26,264	27,052	28,251	29,347	30,193	30,347	30,750
8,496	8,248	8,020	8,457	8,644	8,567	8,676	8,459
15,083	15,249	16,045	16,182	17,106	16,718	17,266	18,564
5,676	5,857	5,886	6,166	6,698	6,915	7,161	6,942
6,180	6,302	6,209	6,510	6,271	5,953	5,921	5,854
9,939	10,123	10,087	10,248	10,218	10,660	10,386	10,679
12,177	13,117	14,073	14,217	14,660	13,860	13,685	13,553
20,520	20,525	21,755	21,613	21,296	20,976	20,999	19,417
10,149	11,095	11,047	11,518	11,561	11,458	10,927	10,385

*Table 3.44 (continued)*

1985	1986	1987	1988	1989	1990	1991	1992
100.00	100.06	108.98	118.17	131.29	146.80	162.87	181.58
		113.91	117.31	130.42	143.54	171.44	182.71
100.00	106.71	112.12	125.00	131.72	143.48	162.16	170.47
100.00	93.91	105.83	107.23	131.93	149.51	163.80	187.82
100.00	100.38	1028.91	115.29	126.73	141.08	154.38	168.02
100.00	101.42	106.39	120.48	131.73	146.76	170.83	191.81
100.00	100.79	109.50	116.97	131.62	148.84	164.15	180.75
100.00	101.55	107.83	117.96	129.95	145.84	159.30	169.26
100.00	100.19	112.41	120.63	139.09	154.47	173.62	195.46
100.00	95.18	110.23	119.10	138.97	165.30	180.61	203.29
100.00	101.66	109.14	120.49	129.99	145.05	160.67	175.88
100.00	103.12	114.98	114.99	128.32	144.87	154.75	171.64
100.00	96.70	110.85	119.60	133.40	146.32	158.82	187.36
100.00	95.84	108.41	116.75	132.75	146.84	159.14	185.86

**Table 3.45**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION**  
*(In million pesos; at current prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>5,460</b>	<b>5,173</b>	<b>4,882</b>	<b>6,182</b>	<b>8,142</b>
NCR.	Metro Manila	0	0	0	0	0
CAR	Cordillera	...	...	...	...	...
I.	Ilocos Region	1,185	1,072	1,003	1,283	1,712
II.	Cagayan Valley	19	57	249	43	179
III.	Central Luzon	640	788	756	1,087	1,276
IV.	Southern Tagalog	1,115	616	401	786	793
V.	Bicol Region	102	209	157	281	342
VI.	Western Visayas	179	272	280	428	426
VII.	Central Visayas	1,380	1,386	1,287	1,309	2,204
VIII.	Eastern Visayas	29	24	19	22	21
IX.	Western Mindanao	20	40	48	104	188
X.	Northern Mindanao	630	543	357	316	305
XI.	Southern Mindanao	156	140	270	479	633
XII.	Central Mindanao	6	28	55	44	64

**Table 3.46**  
**GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>9,128</b>	<b>9,350</b>	<b>9,165</b>	<b>9,244</b>	<b>8,959</b>
NCR.	Metro Manila	0	0	0	0	0
CAR	Cordillera	...	...	...	...	...
I.	Ilocos Region	1,920	1,884	1,793	1,773	1,968
II.	Cagayan Valley	57	176	177	80	181
III.	Central Luzon	1,302	1,328	1,304	1,380	1,312
IV.	Southern Tagalog	1,999	1,514	1,043	1,153	976
V.	Bicol Region	134	322	341	380	398
VI.	Western Visayas	291	512	692	743	532
VII.	Central Visayas	2,267	2,504	2,487	2,345	2,316
VIII.	Eastern Visayas	65	73	67	53	35
IX.	Western Mindanao	32	74	93	202	210
X.	Northern Mindanao	788	720	580	443	342
XI.	Southern Mindanao	242	209	512	609	610
XII.	Central Mindanao	33	32	77	83	77

Preliminary estimates as of July 1993.

- Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.45 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
11,893	14,144	14,354	15,275	15,446	16,659	17,504	16,263
0	0	0	0	0	0	0	0
...	...	3,946	3,777	3,607	4,078	4,593	3,777
2,916	4,744	335	383	176	390	283	428
136	46	50	45	98	61	61	57
1,573	2,109	1,760	2,002	2,005	2,121	1,702	1,603
711	994	821	950	1,247	1,476	2,599	1,708
485	706	423	612	976	1,730	1,926	1,622
900	1,228	843	916	893	1,547	847	1,780
2,058	2,056	2,620	3,452	3,750	2,596	2,812	2,604
292	156	55	28	79	241	175	214
69	40	105	107	129	289	226	367
1,683	660	510	506	700	693	767	706
1,042	1,370	2,847	2,440	1,693	1,430	1,498	1,383
28	35	40	58	92	8	15	14

Table 3.46 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
11,893	12,313	11,232	11,704	11,389	11,091	10,770	11,495
0	0	0	0	0	0	0	0
...	...	2,600	2,469	2,485	2,491	2,616	2,422
2,916	3,558	303	385	261	231	264	299
136	41	43	42	108	44	49	47
1,573	1,734	1,324	1,435	1,520	1,298	1,165	1,170
711	1,014	743	720	743	696	1,022	1,518
485	711	421	502	725	1,182	1,192	1,140
900	1,245	694	647	582	1,077	792	862
2,058	1,979	2,569	3,336	2,534	1,944	1,623	1,776
292	166	54	35	72	239	192	258
69	35	122	142	257	415	241	356
1,683	512	376	376	397	481	505	503
1,042	1,290	1,950	1,561	1,653	956	986	1,024
28	28	34	53	51	37	122	119

**Table 3.47**

**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN MINING AND QUARRYING BY REGION**

Base year: 1985=100

1980 to 1992

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	59.81	55.33	53.27	66.87	90.88
NCR. Metro Manila					
CAR Cordillera	...	...	...	...	...
I. Ilocos Region	61.73	56.89	55.94	72.32	86.96
II. Cagayan Valley	32.36	32.12	141.15	54.01	98.77
III. Central Luzon	49.14	59.33	57.95	78.78	97.28
IV. Southern Tagalog	55.79	40.66	38.46	68.15	81.26
V. Bicol Region	76.06	64.71	46.25	74.01	85.81
VI. Western Visayas	61.39	53.10	40.44	57.54	80.03
VII. Central Visayas	60.88	55.35	51.76	55.84	95.16
VIII. Eastern Visayas	44.04	32.61	28.12	42.64	58.37
IX. Western Mindanao	64.07	53.74	51.46	51.64	89.53
X. Northern Mindanao	80.01	75.32	61.48	71.21	89.07
XI. Southern Mindanao	64.64	67.12	52.73	78.66	103.75
XII. Central Mindanao	16.65	86.22	71.62	52.87	82.65

**Table 3.48**

**GROSS VALUE ADDED IN MANUFACTURING BY REGION**

(In million pesos; at current prices)

1980 to 1992

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	62,654	71,829	79,608	89,472	129,171
NCR. Metro Manila	28,424	32,340	35,133	39,386	56,705
CAR Cordillera	...	...	...	...	...
I. Ilocos Region	1,185	1,324	1,593	1,860	2,682
II. Cagayan Valley	406	455	505	575	776
III. Central Luzon	5,874	6,805	7,744	8,659	12,910
IV. Southern Tagalog	10,752	12,354	13,709	14,728	20,786
V. Bicol Region	123	137	159	180	259
VI. Western Visayas	2,868	3,641	4,148	4,963	6,517
VII. Central Visayas	3,548	4,122	4,596	5,272	7,286
VIII. Eastern Visayas	796	872	969	1,242	3,335
IX. Western Mindanao	741	897	1,032	1,186	1,512
X. Northern Mindanao	2,824	3,218	3,552	4,089	5,570
XI. Southern Mindanao	3,050	3,438	3,855	4,174	6,423
XII. Central Mindanao	2,063	2,228	2,613	3,158	4,410

Preliminary estimates as of July 1993.

- Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.47 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	114.87	127.79	130.51	135.62	150.20	162.53	141.48
...	...	151.76	152.93	145.13	163.70	175.56	155.95
100.00	133.31	110.43	99.39	67.38	168.79	107.10	143.39
100.00	111.90	117.05	106.51	90.43	138.64	123.85	119.20
100.00	121.59	132.88	139.50	131.92	163.45	146.07	136.99
100.00	98.07	110.42	131.94	167.91	212.04	254.30	112.54
100.00	99.34	100.46	121.91	134.64	146.29	161.57	142.35
100.00	98.58	121.47	141.61	153.44	143.63	106.85	206.39
100.00	103.93	102.02	103.46	147.99	133.54	173.30	146.63
100.00	94.23	102.31	80.75	109.92	101.14	91.46	83.21
100.00	112.14	86.14	75.44	50.24	69.54	93.69	103.03
100.00	128.81	135.57	134.59	176.11	144.13	151.95	140.20
100.00	106.23	146.03	156.29	102.37	149.54	151.94	134.96
100.00	127.22	118.13	108.40	182.72	21.94	12.25	11.94

Table 3.48 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
143,851	149,958	169,627	204,784	230,163	267,485	315,938	327,501
60,818	64,214	73,349	86,042	99,919	108,355	125,749	133,061
...	...	2,007	2,348	3,639	3,984	4,867	5,243
2,695	2,970	2,401	2,691	1,606	1,794	2,159	2,242
783	879	328	393	1,268	1,436	1,779	1,817
15,453	14,914	16,556	19,054	19,268	26,252	31,673	31,241
24,014	23,943	27,353	33,405	36,119	45,257	58,060	58,944
271	290	324	414	470	546	626	646
8,082	8,289	9,359	12,061	12,826	14,653	16,681	17,480
7,709	8,532	9,793	11,762	13,798	16,085	18,620	19,493
3,599	3,602	4,057	5,808	6,849	8,042	9,348	9,049
1,670	1,848	1,998	2,449	2,754	3,251	3,805	3,982
6,432	7,096	7,299	9,156	10,214	11,970	13,655	14,150
7,348	8,070	8,918	11,995	13,143	15,599	17,193	18,409
4,978	5,311	5,885	7,207	8,290	10,260	11,726	11,744

**Table 3.49**  
**GROSS VALUE ADDED IN MANUFACTURING BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>168,292</b>	<b>171,569</b>	<b>174,315</b>	<b>173,756</b>	<b>156,195</b>
NCR. Metro Manila	75,138	76,150	76,395	78,160	68,692
CAR Cordillera	...	...	...	...	...
I. Ilocos Region	2,633	2,729	2,877	3,063	3,132
II. Cagayan Valley	977	990	963	996	892
III. Central Luzon	15,456	15,728	16,572	15,712	15,053
IV. Southern Tagalog	28,756	29,018	29,972	27,594	24,026
V. Bicol Region	326	329	345	349	317
VI. Western Visayas	9,606	10,531	10,655	10,675	8,355
VII. Central Visayas	8,303	8,710	8,854	9,277	8,974
VIII. Eastern Visayas	1,855	1,860	1,960	2,205	3,915
IX. Western Mindanao	2,086	2,184	2,221	2,212	1,775
X. Northern Mindanao	8,738	8,743	8,529	8,630	6,921
XI. Southern Mindanao	8,826	8,909	8,959	8,428	7,884
XII. Central Mindanao	5,593	5,689	6,012	6,455	5,462

**Table 3.50**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN MANUFACTURING BY REGION**  
*Base year: 1985=100*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>37.23</b>	<b>41.87</b>	<b>45.67</b>	<b>51.49</b>	<b>82.70</b>
NCR. Metro Manila	37.83	42.47	45.99	50.39	82.55
CAR Cordillera	...	...	...	...	...
I. Ilocos Region	45.02	48.50	55.36	60.74	85.64
II. Cagayan Valley	41.55	45.98	52.43	57.73	87.08
III. Central Luzon	38.00	43.27	46.73	55.11	85.76
IV. Southern Tagalog	37.39	42.57	45.74	53.37	83.73
V. Bicol Region	37.68	41.58	46.15	51.65	81.73
VI. Western Visayas	29.85	34.57	38.93	46.49	78.00
VII. Central Visayas	42.73	47.32	51.91	56.83	81.19
VIII. Eastern Visayas	42.91	46.88	49.45	56.30	85.20
IX. Western Mindanao	35.54	41.07	46.44	53.62	85.17
X. Northern Mindanao	32.32	36.81	41.65	47.38	80.49
XI. Southern Mindanao	34.56	38.59	43.03	49.53	81.47
XII. Central Mindanao	36.88	39.17	43.47	48.92	80.75

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.49 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
143,851	146,453	154,604	169,316	179,152	183,925	183,111	180,061
60,818	61,014	63,878	69,558	75,129	74,524	73,311	70,260
...	...	1,718	1,839	2,732	2,888	3,072	3,124
2,695	2,879	1,893	2,100	1,177	1,187	1,225	1,167
783	829	283	299	898	926	971	923
15,453	15,633	17,238	19,960	19,803	22,692	21,019	21,732
24,014	24,439	26,813	30,867	32,934	34,406	35,511	37,007
271	280	286	301	320	334	347	330
8,082	8,118	8,192	8,297	8,485	8,582	8,907	8,613
7,709	8,204	8,601	8,915	9,558	9,816	9,934	9,491
3,599	3,417	3,597	4,387	4,693	4,719	4,869	4,352
1,670	1,812	1,835	1,907	1,973	2,012	2,014	1,935
6,432	6,883	6,991	7,191	7,440	7,527	7,395	7,104
7,348	7,811	7,983	8,198	8,367	8,518	8,623	8,554
4,978	5,134	5,297	5,496	5,642	5,795	5,914	5,468

Table 3.50 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	102.39	109.72	120.95	128.47	145.43	172.54	181.88
100.00	105.24	114.83	123.70	133.00	145.40	171.53	189.38
...	...	116.81	127.69	133.20	137.97	158.46	167.82
100.00	103.18	126.83	128.12	136.52	151.09	176.24	192.16
100.00	106.00	115.87	131.35	141.13	155.11	183.25	196.82
100.00	95.40	96.05	95.46	97.30	115.69	150.69	143.76
100.00	97.97	102.02	108.22	109.67	131.54	163.50	159.28
100.00	103.61	113.26	137.73	146.55	163.61	180.10	195.68
100.00	102.10	114.25	145.36	151.16	170.74	187.28	202.95
100.00	103.99	113.86	131.93	144.36	163.87	187.43	205.37
100.00	105.41	112.78	132.38	145.94	170.42	192.00	207.93
100.00	101.99	108.89	128.39	139.57	161.60	188.94	205.79
100.00	103.10	104.42	127.33	137.29	159.03	184.66	199.19
100.00	103.31	111.71	146.32	157.07	183.13	199.38	215.20
100.00	103.45	111.11	131.13	146.93	177.06	198.26	214.78

**Table 3.51**  
**GROSS VALUE ADDED IN CONSTRUCTION BY REGION**  
*(In million pesos; at current prices)*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>22,625</b>	<b>28,362</b>	<b>32,087</b>	<b>40,192</b>	<b>48,727</b>
NCR. Metro Manila	8,152	9,272	10,530	12,817	14,490
CAR Cordillera	0	0	0	0	0
I. Ilocos Region	641	821	932	1,174	1,649
II. Cagayan Valley	1,456	1,982	2,189	2,602	2,829
III. Central Luzon	1,770	3,205	3,657	4,546	5,772
IV. Southern Tagalog	3,490	4,364	5,042	6,112	7,616
V. Bicol Region	969	1,216	1,322	1,755	2,270
VI. Western Visayas	1,117	1,410	1,523	1,926	2,243
VII. Central Visayas	1,277	1,550	1,683	2,237	2,685
VIII. Eastern Visayas	585	797	944	1,371	1,607
IX. Western Mindanao	539	666	766	1,071	1,338
X. Northern Mindanao	985	1,103	1,292	1,669	2,007
XI. Southern Mindanao	1,031	1,130	1,268	1,653	2,319
XII. Central Mindanao	611	847	938	1,260	1,901

**Table 3.52**  
**GROSS VALUE ADDED IN CONSTRUCTION BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>57,250</b>	<b>63,421</b>	<b>64,110</b>	<b>70,204</b>	<b>56,027</b>
NCR. Metro Manila	21,079	21,003	21,555	22,695	16,741
CAR Cordillera	0	0	0	0	0
I. Ilocos Region	1,652	1,892	1,934	2,141	1,947
II. Cagayan Valley	3,632	4,400	4,315	4,484	3,205
III. Central Luzon	4,455	7,217	7,374	8,008	6,599
IV. Southern Tagalog	8,636	9,583	9,907	10,566	8,770
V. Bicol Region	2,403	2,669	2,557	2,994	2,576
VI. Western Visayas	2,755	3,058	2,907	3,227	2,543
VII. Central Visayas	3,103	3,331	3,180	3,790	3,058
VIII. Eastern Visayas	1,446	1,747	1,836	2,346	1,826
IX. Western Mindanao	1,278	1,415	1,441	1,781	1,527
X. Northern Mindanao	2,477	2,468	2,527	2,877	2,311
XI. Southern Mindanao	2,723	2,672	2,649	3,028	2,724
XII. Central Mindanao	1,609	1,967	1,927	2,268	2,200

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.51 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
29,037	29,784	37,104	42,814	57,281	64,903	61,962	68,695
10,943	11,356	14,408	17,546	12,450	26,945	17,752	23,237
0	0	798	881	2,622	3,166	4,106	1,579
1,091	1,234	1,414	1,560	4,020	3,787	9,881	4,582
1,459	1,369	951	1,055	3,278	5,056	2,194	1,238
3,229	3,308	3,869	4,318	8,068	6,691	11,201	28,920
3,872	3,934	4,936	5,574	7,198	5,427	5,748	2,488
1,452	1,370	1,494	1,642	2,854	1,841	2,114	1,283
1,229	1,324	1,477	1,587	2,321	2,197	1,583	669
1,224	1,335	1,841	1,972	2,788	2,475	1,569	1,005
678	631	869	970	940	1,071	652	647
679	808	870	949	1,628	1,508	932	338
788	759	1,076	1,178	1,759	1,759	1,037	662
1,100	1,142	1,684	1,953	2,748	2,220	1,297	1,060
1,294	1,214	1,416	1,627	4,608	758	1,895	986

Table 3.52 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
29,037	28,547	31,742	33,235	39,878	41,858	35,285	36,254
10,943	10,939	12,513	13,752	7,438	17,010	9,700	11,974
0	0	669	679	1,886	2,569	2,398	857
1,091	1,178	1,195	1,220	2,891	2,283	5,755	2,500
1,459	1,302	795	802	2,344	2,996	1,264	648
3,229	3,182	3,265	3,297	5,792	4,404	6,547	15,495
3,872	3,740	4,189	4,287	5,229	3,531	3,255	1,286
1,452	1,311	1,257	1,251	2,060	1,203	1,227	685
1,229	1,265	1,263	1,248	1,682	1,434	893	344
1,224	1,267	1,564	1,521	2,126	1,592	847	489
678	604	735	743	673	705	381	342
679	772	732	729	1,168	983	536	180
788	729	917	913	1,296	1,171	615	368
1,100	1,103	1,459	1,545	1,992	1,456	765	569
1,294	1,156	1,190	1,248	3,300	520	1,101	519

Table 3.53

## IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN CONSTRUCTION BY REGION

Base year: 1985=100

1980 to 1992

Region/Year	1980	1981	1982	1983	1984
PHILIPPINES	39.52	44.72	50.05	57.25	86.97
NCR. Metro Manila	38.68	44.15	48.85	56.47	86.55
CAR Cordillera					
I. Ilocos Region	38.81	43.38	48.17	54.81	84.72
II. Cagayan Valley	40.10	45.04	50.73	58.03	88.25
III. Central Luzon	39.73	44.40	49.59	56.77	87.47
IV. Southern Tagalog	40.42	45.54	50.89	57.85	86.84
V. Bicol Region	40.33	45.55	51.72	58.61	88.14
VI. Western Visayas	40.55	46.10	52.39	59.68	88.21
VII. Central Visayas	41.13	46.54	52.94	59.01	87.81
VIII. Eastern Visayas	40.48	45.63	51.39	58.42	88.00
IX. Western Mindanao	42.16	47.04	53.17	60.16	87.62
X. Northern Mindanao	39.77	44.70	51.15	58.03	86.85
XI. Southern Mindanao	37.88	42.29	47.87	54.60	85.14
XII. Central Mindanao	37.98	43.08	48.67	55.57	86.41

Table 3.54

## GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER BY REGION

(In million pesos; at current prices)

1980 to 1992

Region/Year	1980	1981	1982	1983	1984
PHILIPPINES	3,806	4,945	6,577	8,955	12,779
NCR. Metro Manila	2,140	2,725	3,588	4,935	6,975
CAR Cordillera	0	0	0	0	0
I. Ilocos Region	156	199	267	358	521
II. Cagayan Valley	48	60	80	108	153
III. Central Luzon	293	392	530	727	1,034
IV. Southern Tagalog	218	298	406	535	739
V. Bicol Region	114	157	199	264	369
VI. Western Visayas	144	199	274	368	580
VII. Central Visayas	158	215	301	397	597
VIII. Eastern Visayas	84	116	155	198	289
IX. Western Mindanao	77	96	124	165	235
X. Northern Mindanao	173	231	312	437	622
XI. Southern Mindanao	120	159	213	294	419
XII. Central Mindanao	80	99	128	170	244

Preliminary estimates as of July 1993.

- Notes: 1. Regional levels may not add-up to National levels due to roundings.  
2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.53 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	104.33	116.89	128.82	143.64	155.05	175.60	189.48
100.00	103.81	115.14	127.59	167.39	158.41	183.01	194.07
		119.33	129.76	139.05	123.24	171.24	184.37
100.00	104.77	118.36	127.88	139.04	165.88	171.68	183.28
100.00	105.10	119.72	131.55	139.80	168.73	173.56	191.22
100.00	103.98	118.50	130.98	139.30	151.93	171.09	186.64
100.00	105.19	117.82	130.03	137.66	153.70	176.59	193.53
100.00	104.52	118.84	131.33	138.57	153.07	172.24	187.26
100.00	104.66	116.94	127.20	137.97	153.25	177.40	194.64
100.00	105.38	117.70	129.67	131.12	155.46	185.22	205.65
100.00	104.44	118.26	130.55	139.61	151.94	171.31	189.22
100.00	104.76	118.85	130.10	139.38	153.34	173.94	188.18
100.00	104.12	117.44	129.03	135.68	150.20	168.48	179.92
100.00	103.55	115.44	126.39	137.94	152.48	169.58	186.26
100.00	104.98	119.05	130.40	139.61	145.92	172.07	189.93

Table 3.54 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
15,767	16,642	14,009	18,084	20,074	22,300	29,100	32,743
8,618	9,251	7,938	10,286	11,309	6,184	10,168	11,826
0	0	21	24	28	424	442	562
644	657	355	459	744	139	195	229
190	198	165	210	231	749	785	209
1,252	1,299	1,091	1,393	1,470	1,740	1,602	2,397
919	967	822	1,043	1,122	6,110	7,072	7,634
456	476	404	502	543	1,494	1,945	2,239
651	684	575	744	801	417	431	613
753	782	668	873	979	1,084	1,700	2,094
378	397	343	423	459	508	643	764
293	309	257	324	350	176	226	305
772	774	630	819	918	1,022	1,286	1,325
533	537	471	645	752	320	421	702
309	314	268	340	366	1,934	2,184	1,843

**Table 3.55**  
**GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
PHILIPPINES	12,389	14,205	17,367	15,783	16,857
NCR. Metro Manila	6,769	7,643	9,289	8,633	9,193
CAR Cordillera	0	0	0	0	0
I. Ilocos Region	502	576	702	625	654
II. Cagayan Valley	160	176	213	190	201
III. Central Luzon	912	1,083	1,352	1,194	1,263
IV. Southern Tagalog	692	825	1,029	913	982
V. Bicol Region	379	439	498	440	464
VI. Western Visayas	503	588	733	636	694
VII. Central Visayas	544	652	838	729	816
VIII. Eastern Visayas	356	409	489	417	436
IX. Western Mindanao	271	305	359	311	326
X. Northern Mindanao	580	682	856	794	878
XI. Southern Mindanao	427	502	623	565	594
XII. Central Mindanao	293	324	386	337	358

**Table 3.56**  
**IMPLICIT PRICE INDEX OF GROSS VALUE ADDED**  
**IN ELECTRICITY, GAS AND WATER BY REGION**  
*Base year: 1985=100*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
PHILIPPINES	30.72	34.81	37.87	56.74	75.81
NCR. Metro Manila	31.62	35.65	38.63	57.16	75.87
CAR Cordillera					
I. Ilocos Region	31.03	34.48	37.96	57.28	79.77
II. Cagayan Valley	29.86	34.25	37.70	56.99	75.97
III. Central Luzon	32.09	36.19	39.22	60.89	81.89
IV. Southern Tagalog	31.53	36.16	39.42	58.57	75.22
V. Bicol Region	30.23	35.91	40.02	59.98	79.71
VI. Western Visayas	28.64	33.75	37.33	57.84	83.55
VII. Central Visayas	29.05	32.91	35.89	54.49	73.21
VIII. Eastern Visayas	23.52	28.26	31.71	47.44	66.44
IX. Western Mindanao	28.48	31.60	34.48	53.19	72.19
X. Northern Mindanao	29.83	33.82	36.47	55.03	70.87
XI. Southern Mindanao	28.17	31.62	34.15	51.92	70.64
XII. Central Mindanao	27.26	30.57	33.29	50.50	68.08

Preliminary estimates as of July 1993.

- Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.55 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
15,767	17,851	15,811	17,797	18,756	18,674	19,552	19,682
8,618	9,982	9,004	10,342	10,888	4,893	6,706	7,014
0	0	17	17	19	367	294	337
644	730	414	485	750	119	129	136
190	215	183	211	218	638	551	123
1,252	1,447	1,310	1,438	1,509	1,462	1,067	1,425
919	1,084	1,018	1,162	1,180	6,103	5,616	5,341
456	524	506	560	571	1,331	1,352	1,404
651	777	739	801	821	341	289	379
753	772	728	792	828	809	1,032	1,168
378	372	318	311	272	273	279	298
293	342	261	273	262	123	125	157
772	733	550	593	613	612	623	560
533	551	474	520	536	202	222	346
309	321	289	291	289	1,400	1,267	994

Table 3.56 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	93.23	88.60	101.61	107.03	119.41	148.83	166.36
100.00	92.67	88.16	99.46	103.86	126.38	151.63	168.61
		122.45	137.35	151.93	115.55	150.13	166.72
100.00	90.01	85.81	94.66	99.21	117.20	151.09	168.32
100.00	92.07	90.07	99.61	106.18	117.30	142.46	170.34
100.00	89.80	83.27	96.82	97.44	119.07	150.16	168.24
100.00	89.17	80.67	89.71	95.06	100.11	125.91	142.94
100.00	90.72	79.76	89.68	95.14	112.23	143.93	159.44
100.00	87.94	77.77	92.80	97.58	122.12	149.02	162.04
100.00	101.24	91.83	110.23	118.25	133.91	164.64	179.36
100.00	106.81	107.98	136.02	168.89	185.74	230.48	256.60
100.00	90.19	98.61	118.80	133.63	143.02	181.03	194.61
100.00	105.54	114.61	138.02	149.80	167.07	206.43	236.48
100.00	97.43	99.52	123.91	140.31	157.89	189.80	202.88
100.00	97.69	92.74	117.00	126.78	138.10	172.38	185.31

**Table 3.57**  
**GROSS VALUE ADDED IN SERVICE SECTOR BY REGION**  
*(In million pesos; at current prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>87,985</b>	<b>101,194</b>	<b>119,969</b>	<b>141,732</b>	<b>195,839</b>
NCR.	Metro Manila	33,314	38,746	45,973	55,257	76,344
CAR	Cordillera	...	...	...	...	...
I.	Ilocos Region	3,399	3,928	4,701	5,479	7,295
II.	Cagayan Valley	2,184	2,506	2,889	3,362	4,503
III.	Central Luzon	7,327	8,371	10,029	11,894	16,885
IV.	Southern Tagalog	9,312	10,564	12,531	15,021	21,419
V.	Bicol Region	2,786	3,239	3,847	4,529	5,850
VI.	Western Visayas	6,680	7,547	8,947	10,349	14,099
VII.	Central Visayas	6,834	7,884	9,371	10,974	15,497
VIII.	Eastern Visayas	2,115	2,417	2,837	3,232	4,229
IX.	Western Mindanao	2,466	2,830	3,271	3,803	5,203
X.	Northern Mindanao	4,205	4,784	5,696	6,466	8,926
XI.	Southern Mindanao	5,337	6,036	7,117	8,158	11,245
XII.	Central Mindanao	2,027	2,342	2,760	3,208	4,343

**Table 3.58**  
**GROSS VALUE ADDED IN SERVICE SECTOR BY REGION**  
*(In million pesos; at constant 1985 prices)*  
**1980 to 1992**

Region/Year		1980	1981	1982	1983	1984
<b>PHILIPPINES</b>		<b>219,414</b>	<b>223,619</b>	<b>238,869</b>	<b>252,143</b>	<b>235,677</b>
NCR.	Metro Manila	80,459	82,972	89,363	96,623	91,516
CAR	Cordillera	...	...	...	...	...
I.	Ilocos Region	8,504	8,654	9,127	9,589	8,795
II.	Cagayan Valley	5,401	5,458	5,638	5,871	5,450
III.	Central Luzon	19,227	19,711	21,182	22,046	20,395
IV.	Southern Tagalog	23,786	23,830	25,312	26,826	25,585
V.	Bicol Region	6,750	6,814	7,298	7,733	7,210
VI.	Western Visayas	17,003	17,277	18,459	19,133	17,260
VII.	Central Visayas	17,716	17,998	19,195	19,867	18,469
VIII.	Eastern Visayas	5,062	5,146	5,391	5,557	5,104
IX.	Western Mindanao	6,150	6,257	6,509	6,726	6,220
X.	Northern Mindanao	10,796	10,816	11,502	11,721	10,657
XI.	Southern Mindanao	13,419	13,455	14,391	14,734	13,707
XII.	Central Mindanao	5,141	5,232	5,502	5,718	5,308

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.57 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
230,782	252,553	283,743	334,711	392,471	465,796	558,890	607,090
88,813	100,550	116,998	141,188	166,610	202,260	244,158	266,668
...	...	2,988	3,549	4,740	5,409	6,399	7,198
8,821	9,484	8,565	9,749	11,102	12,917	15,042	16,488
5,372	5,754	4,942	5,677	6,413	7,723	9,083	9,793
20,123	21,034	23,000	26,001	29,657	34,448	40,620	43,834
25,193	27,315	30,525	34,899	41,476	48,879	60,041	65,805
7,128	7,578	8,314	9,685	11,205	13,112	15,426	16,785
16,701	17,544	19,516	23,150	26,978	31,813	38,159	40,996
18,235	19,708	21,739	26,229	30,781	35,746	43,374	46,553
5,098	5,535	5,996	6,908	7,981	9,222	10,801	11,808
6,071	6,413	6,790	7,793	9,106	10,560	12,683	13,649
10,448	11,218	12,174	14,202	16,869	19,444	22,734	23,888
13,560	14,898	16,347	19,003	21,962	25,510	29,961	32,441
5,218	5,522	5,850	6,677	7,590	8,754	10,409	11,185

Table 3.58 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
230,782	240,534	253,121	271,238	290,310	301,788	303,133	305,321
88,813	93,246	100,383	109,599	118,123	125,150	126,018	125,937
...	...	2,674	2,915	3,440	3,408	3,419	3,499
8,821	9,097	7,785	8,063	8,402	8,511	8,466	8,528
5,372	5,467	4,411	4,560	4,717	4,844	4,834	4,858
20,123	20,284	20,945	21,853	23,205	23,778	23,395	23,684
25,193	26,371	27,902	28,980	31,099	32,090	32,615	33,175
7,128	7,289	7,491	7,978	8,388	8,645	8,658	8,728
16,701	17,173	18,227	19,888	21,305	21,877	21,990	22,369
18,235	19,433	20,275	22,248	23,868	24,543	24,894	25,217
5,098	5,180	5,254	5,486	5,727	5,840	5,822	5,882
6,071	6,273	6,277	6,547	6,911	7,088	7,100	7,186
10,448	11,040	11,266	12,070	12,804	13,227	13,128	13,250
13,560	14,416	15,019	15,606	16,649	16,999	16,929	17,109
5,218	5,264	5,214	5,444	5,671	5,789	5,864	5,899

**Table 3.59**  
**IMPLICIT PRICE INDEX OF SERVICE SECTOR BY REGION**  
*Base year: 1985=100*  
*1980 to 1992*

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	40.10	45.25	50.22	56.21	83.10
NCR. Metro Manila	41.41	46.70	51.45	57.19	83.42
CAR Cordillera	...	...	...	...	...
I. Ilocos Region	39.97	45.39	51.51	57.14	82.95
II. Cagayan Valley	40.44	45.90	51.23	57.27	82.63
III. Central Luzon	38.11	42.47	47.34	53.95	82.79
IV. Southern Tagalog	39.15	44.33	49.51	55.99	83.72
V. Bicol Region	41.28	47.53	52.72	58.56	81.14
VI. Western Visayas	39.29	43.68	48.47	54.09	81.69
VII. Central Visayas	38.58	43.80	48.82	55.24	83.90
VIII. Eastern Visayas	41.77	46.98	52.62	58.16	82.86
IX. Western Mindanao	40.09	45.23	50.25	56.53	83.65
X. Northern Mindanao	38.94	44.24	49.52	55.17	83.76
XI. Southern Mindanao	39.77	44.86	49.46	55.37	82.04
XII. Central Mindanao	39.43	44.77	50.15	56.11	81.81

Preliminary estimates as of July 1993.

Notes: 1. Regional levels may not add-up to National levels due to roundings.  
 2. Cordillera Administrative Region (CAR) data started only in 1987.

Source: National Statistical Coordination Board.

Table 3.59 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
100.00	105.00	112.10	123.40	135.19	154.35	184.37	198.84
100.00	107.83	116.55	128.82	141.05	161.61	193.75	211.75
...	...	111.72	121.72	137.80	158.72	187.17	205.75
100.00	104.25	110.02	120.92	132.13	151.78	177.68	193.32
100.00	105.25	112.06	124.50	135.95	159.42	187.89	201.60
100.00	103.69	109.81	118.98	127.80	144.87	173.63	185.08
100.00	103.58	109.40	120.42	133.37	152.32	184.09	198.35
100.00	103.97	110.99	121.39	133.58	151.68	178.16	192.30
100.00	102.16	107.07	116.40	126.63	145.42	173.53	183.27
100.00	101.41	107.22	117.89	128.96	145.65	174.24	184.61
100.00	106.84	114.12	125.91	139.36	157.91	185.53	200.74
100.00	102.23	108.18	119.04	131.76	148.99	178.63	189.94
100.00	101.61	108.05	117.66	131.75	147.00	173.17	180.29
100.00	103.34	108.85	121.77	131.91	150.06	176.98	189.61
100.00	104.91	112.20	122.66	133.83	151.21	177.49	189.61

**Table 3.60**  
**PER CAPITA OF GROSS REGIONAL DOMESTIC PRODUCT**  
*At current prices*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>5,045</b>	<b>5,685</b>	<b>6,246</b>	<b>7,090</b>	<b>9,831</b>
NCR. Metro Manila	12,065	13,498	15,008	17,186	22,925
CAR. Cordillera					
I. Ilocos Region	2,992	3,284	3,627	4,040	5,566
II. Cagayan Valley	3,075	3,593	3,938	4,287	5,716
III. Central Luzon	4,302	5,115	5,715	10,436	8,982
IV. Southern Tagalog	5,682	6,335	6,859	7,702	10,826
V. Bicol Region	2,217	2,522	2,739	3,150	4,332
VI. Western Visayas	3,979	4,619	5,120	5,736	7,685
VII. Central Visayas	4,130	4,654	5,147	5,861	8,171
VIII. Eastern Visayas	2,213	2,499	2,758	3,218	5,044
IX. Western Mindanao	3,108	3,566	3,835	4,435	6,357
X. Northern Mindanao	5,285	5,825	6,193	6,807	9,385
XI. Southern Mindanao	5,689	6,119	6,532	7,515	11,087
XII. Central Mindanao	4,001	4,408	4,742	5,418	7,955

**Table 3.61**  
**PER CAPITA OF GROSS REGIONAL DOMESTIC PRODUCT**  
*At constant 1985 prices*  
**1980 to 1992**

Region/Year	1980	1981	1982	1983	1984
<b>PHILIPPINES</b>	<b>12,620</b>	<b>12,731</b>	<b>12,868</b>	<b>12,789</b>	<b>11,564</b>
NCR. Metro Manila	30,728	30,507	30,985	31,515	27,618
CAR. Cordillera					
I. Ilocos Region	6,888	6,992	7,119	3,987	6,584
II. Cagayan Valley	7,794	7,973	7,799	7,576	6,713
III. Central Luzon	10,945	11,646	11,941	18,892	10,586
IV. Southern Tagalog	14,134	14,209	14,341	13,860	12,592
V. Bicol Region	5,228	5,306	5,359	5,421	5,027
VI. Western Visayas	10,052	10,468	10,754	10,523	9,334
VII. Central Visayas	9,895	10,112	10,299	10,434	9,661
VIII. Eastern Visayas	5,403	5,461	5,592	5,638	5,803
IX. Western Mindanao	7,620	7,808	7,740	7,721	7,206
X. Northern Mindanao	13,364	13,036	12,714	12,389	10,780
XI. Southern Mindanao	14,418	13,951	13,685	13,281	12,354
XII. Central Mindanao	10,158	10,120	10,056	10,056	9,172

Preliminary estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.60 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
10,461	10,872	11,904	13,610	15,399	17,454	19,799	20,894
24,372	25,935	28,922	33,734	37,370	43,108	48,646	51,884
		11,755	12,515	16,267	18,146	21,229	19,503
6,477	7,423	6,565	7,529	8,444	9,138	11,823	10,781
5,864	5,822	5,984	6,597	8,970	10,797	10,227	10,539
9,743	9,773	10,407	11,604	13,128	15,241	17,760	21,009
11,222	11,498	12,451	14,289	15,933	18,687	22,298	22,948
4,663	4,669	4,809	5,419	6,389	7,173	8,091	8,266
8,375	8,556	9,219	10,580	11,888	13,225	14,718	15,742
8,500	8,948	9,921	11,634	13,554	14,876	17,126	17,826
5,280	5,216	5,703	6,750	7,580	8,608	9,449	9,877
6,539	6,730	7,024	7,831	8,711	9,780	10,594	11,238
10,164	10,428	11,305	12,277	13,974	15,205	16,367	16,854
11,497	11,659	13,488	14,977	16,235	17,483	18,873	19,915
8,459	8,641	9,307	10,477	12,637	13,100	14,476	14,611

Table 3.61 (continued)

1985	1986	1987	1988	1989	1990	1991	1992
10,461	10,560	10,756	11,215	11,639	11,680	11,330	11,091
24,372	24,510	25,262	26,882	27,237	27,787	26,380	25,678
		9,494	9,673	11,886	12,500	12,294	10,832
6,477	6,844	5,835	6,135	6,434	6,104	6,968	5,932
5,864	5,841	5,494	5,741	6,687	6,979	5,920	5,463
9,743	9,696	9,959	10,443	11,045	11,313	11,021	12,384
11,222	11,378	11,714	12,255	12,768	13,204	13,036	12,799
4,663	4,577	4,380	4,537	4,824	4,845	4,784	4,529
8,375	8,417	8,484	8,653	8,996	8,820	8,661	8,659
8,500	8,768	9,083	9,667	10,067	9,883	9,677	9,420
5,280	5,127	5,076	5,388	5,364	5,276	5,106	4,874
6,539	6,610	6,451	6,484	6,646	6,661	6,254	6,154
10,164	10,116	10,201	10,285	10,553	10,201	9,701	9,307
11,497	11,616	12,063	11,869	11,931	11,331	10,939	10,361
8,459	8,630	8,441	8,583	9,232	8,497	8,363	7,580

Figure 3.1 Expenditures on Gross Domestic Product at Constant Prices: 1983 to 1992

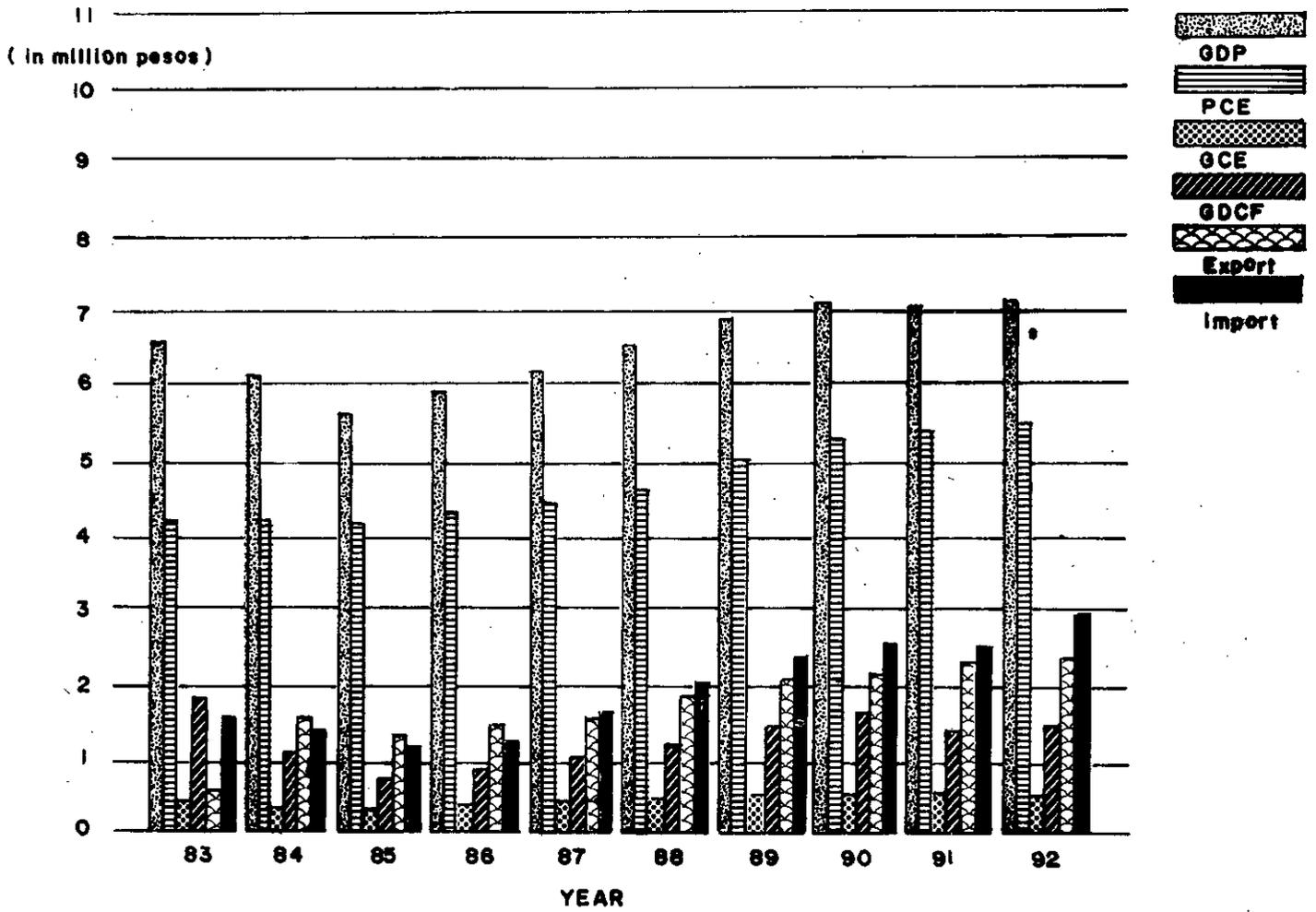


Figure 3.2 Gross Domestic Product by Industrial Origin at Constant Prices: 1992

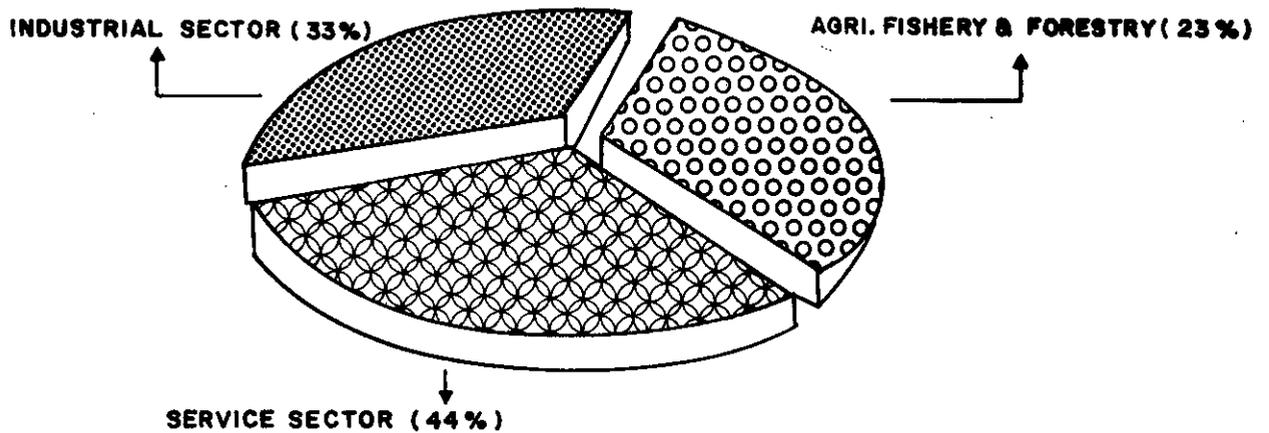
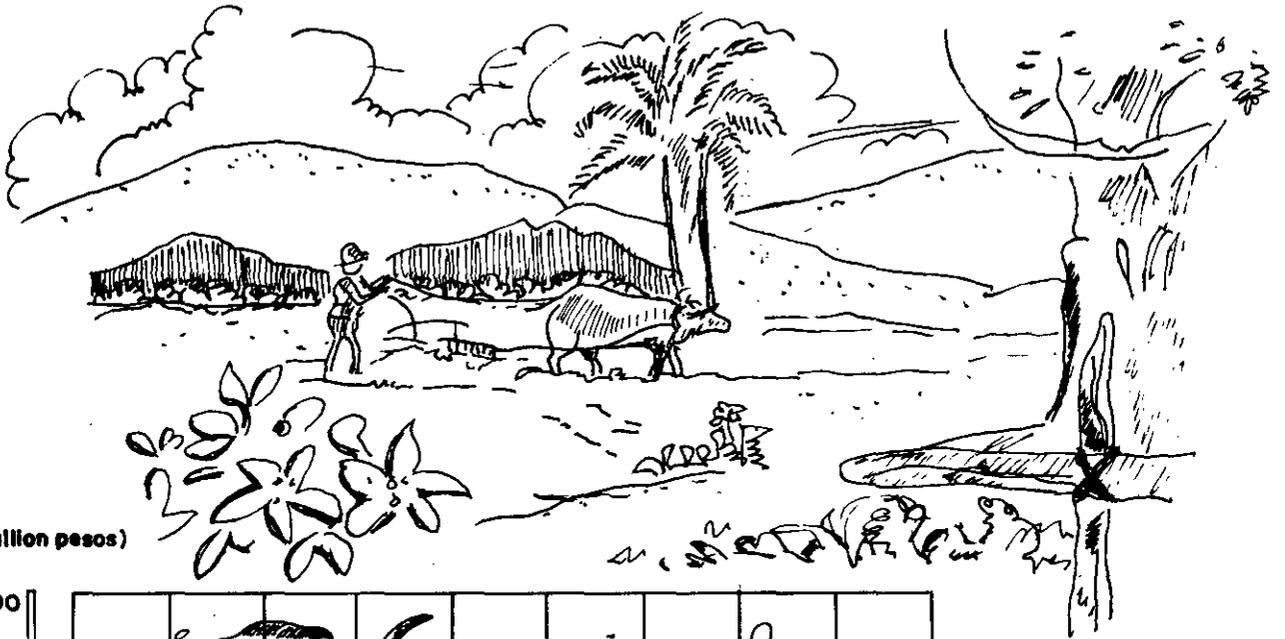
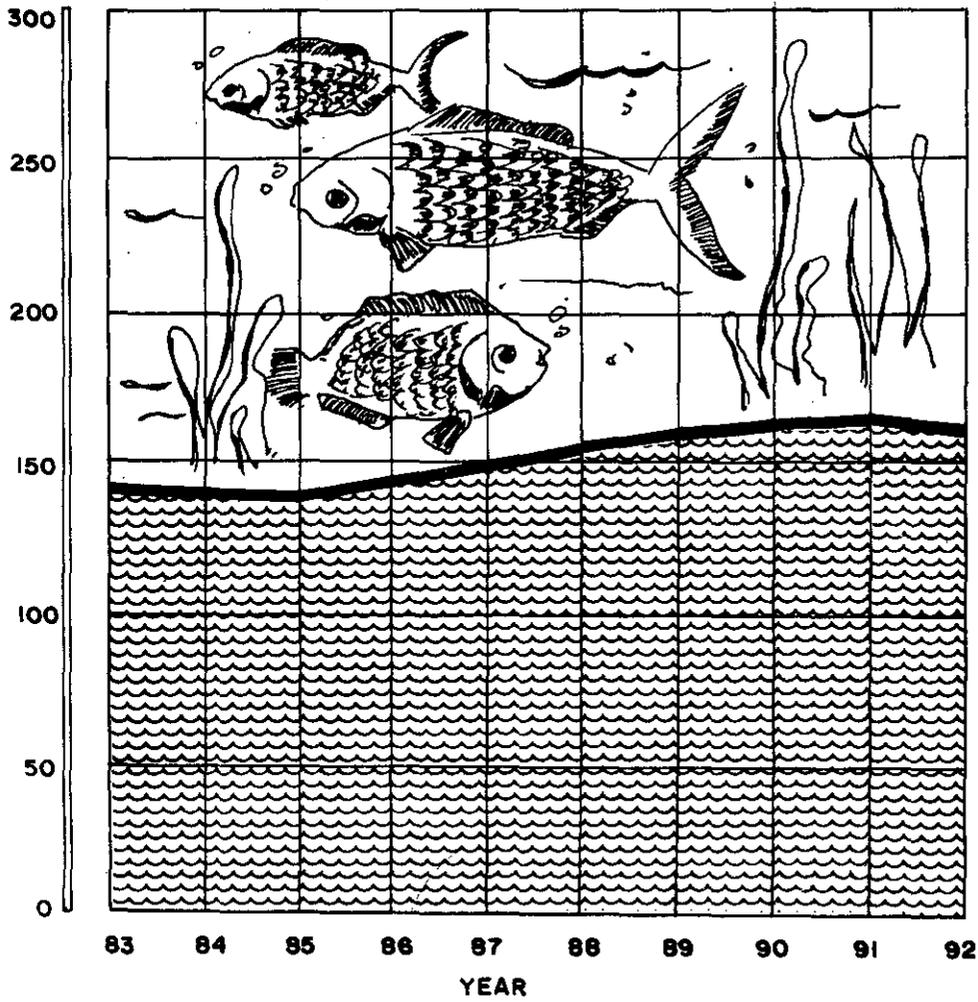


Figure 3.3

Gross Value Added in Agriculture, Fishery and Forestry,  
by Industry Group: 1983 to 1992



(In million pesos)



**Table 3.62**  
**GROWTH RATES: PER CAPITA OF GROSS REGIONAL DOMESTIC PRODUCT**  
*At current prices*  
**1980 to 1992**

	1980-81	1981-82	1982-83	1983-84	1984-85
<b>PHILIPPINES</b>	12.69	9.87	13.51	38.66	6.41
NCR. Metro Manila	11.88	11.19	14.51	33.39	6.31
CAR. Cordillera					
I. Ilocos Region	9.76	10.44	11.39	37.77	16.37
II. Cagayan Valley	16.85	9.60	8.86	33.33	2.59
III. Central Luzon	18.90	11.73	82.61	(13.93)	8.47
IV. Southern Tagalog	11.49	8.27	12.29	40.56	3.66
V. Bicol Region	13.76	8.60	15.01	37.52	7.64
VI. Western Visayas	16.08	10.85	12.03	33.98	8.98
VII. Central Visayas	12.69	10.59	13.87	39.41	4.03
VIII. Eastern Visayas	12.92	10.36	16.68	56.74	4.68
IX. Western Mindanao	14.74	7.54	15.65	43.34	2.86
X. Northern Mindanao	10.22	6.32	9.91	37.87	8.30
XI. Southern Mindanao	7.56	6.75	15.05	47.53	3.70
XII. Central Mindanao	10.17	7.58	14.26	46.83	6.34

**Table 3.53**  
**GROWTH RATES: PER CAPITA OF GROSS REGIONAL DOMESTIC PRODUCT**  
*At constant 1985 prices*  
**1980 to 1992**

	1980-81	1981-82	1982-83	1983-84	1984-85
<b>PHILIPPINES</b>	0.88	1.08	(0.61)	(9.58)	(9.54)
NCR. Metro Manila	(0.72)	1.57	1.71	(12.37)	(11.75)
CAR. Cordillera					
I. Ilocos Region	1.51	1.82	(1.85)	(5.77)	(1.63)
II. Cagayan Valley	2.30	(2.18)	(2.86)	(11.39)	(12.65)
III. Central Luzon	6.40	2.53	58.21	(43.97)	(7.96)
IV. Southern Tagalog	0.53	0.93	(3.35)	(9.15)	(10.88)
V. Bicol Region	1.49	1.00	1.16	(7.27)	(7.24)
VI. Western Visayas	4.14	2.73	(2.15)	(11.30)	(10.27)
VII. Central Visayas	2.19	1.85	1.31	(7.41)	(12.02)
VIII. Eastern Visayas	1.07	2.40	0.82	2.93	(9.01)
IX. Western Mindanao	2.47	(0.87)	(0.25)	(6.67)	(9.26)
X. Northern Mindanao	(2.45)	(2.47)	(2.56)	(12.99)	(5.71)
XI. Southern Mindanao	(3.24)	(1.91)	(2.95)	(7.00)	(6.91)
XII. Central Mindanao	(0.37)	(0.63)	0.00	(8.79)	(7.77)

Revised estimates as of July 1993.

Source: National Statistical Coordination Board.

Table 3.62 (continued)

1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92
3.93	9.49	14.33	13.14	13.35	13.44	5.53
6.41	11.52	16.64	10.78	15.35	12.85	6.66
	N.A.	6.47	29.98	11.55	16.99	(8.13)
14.61	N.A.	14.68	12.15	8.22	29.38	(8.81)
(0.72)	N.A.	10.24	35.97	20.37	(5.28)	3.05
0.31	6.49	11.50	13.13	16.10	16.53	18.29
2.46	8.29	14.76	11.51	17.28	19.32	2.92
0.13	3.00	12.68	17.90	12.27	12.80	2.16
2.16	7.75	14.76	12.36	11.25	11.29	6.96
5.27	10.87	17.27	16.50	9.75	15.13	4.09
(1.21)	9.34	18.36	12.30	13.56	9.77	4.53
2.92	4.37	11.49	11.24	12.27	8.32	6.08
2.60	8.41	8.60	13.82	8.81	7.64	2.98
1.41	15.69	11.04	8.40	7.69	7.95	5.52
2.15	7.71	12.57	20.62	3.66	10.50	0.93

Table 3.63 (continued)

1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92
0.95	1.86	4.27	3.78	0.35	(3.00)	(2.11)
0.57	3.07	6.41	1.32	2.02	(5.06)	(2.66)
	N.A.	1.89	22.88	5.17	(1.65)	(11.89)
5.67	N.A.	5.14	4.87	(5.13)	14.15	(14.87)
(0.39)	N.A.	4.50	16.48	4.37	(15.17)	(7.72)
(0.48)	2.71	4.86	5.76	2.43	(2.58)	12.37
1.39	2.95	4.62	4.19	3.41	(1.27)	(1.82)
(1.84)	(4.30)	3.58	6.33	0.44	(1.26)	(5.33)
0.50	0.80	1.99	3.96	(1.96)	(1.80)	(0.02)
3.15	3.59	6.43	4.14	(1.83)	(2.08)	(2.66)
(2.90)	(0.99)	6.15	(0.45)	(1.64)	(3.22)	(4.54)
1.09	(2.41)	0.51	2.50	0.23	(6.11)	(1.60)
(0.47)	0.84	0.82	2.61	(3.34)	(4.90)	(4.06)
1.04	3.85	(1.61)	0.52	(5.03)	(3.46)	(5.28)
2.02	(2.19)	1.68	7.56	(7.96)	(1.58)	(9.36)

**Table 3.64**  
**MATRIX OF DOMESTIC TECHNICAL COEFFICIENTS**  
**1988**

Sectors	01	02	03	04	05
01 Agriculture, fishery and forestry	0.0918801	0.0022967	0.2039891	0.0518791	0.0600613
02 Mining and quarrying	0.0000249	0.0007982	0.0559894	0.0223089	0.0000425
03 Manufacturing	0.1043090	0.2433086	0.2723115	0.3216663	0.2552404
04 Construction	0.0021059	0.0212355	0.0027905	0.0000000	0.0168671
05 Electricity, gas and water	0.0042851	0.0003191	0.0167399	0.0039775	0.0124609
06 Transportation, communication and storage	0.0122635	0.0159836	0.0211971	0.0285344	0.0016832
07 Trade	0.0175141	0.0321109	0.0545517	0.0331256	0.0103335
08 Finance & insurance	0.0044402	0.0106542	0.0075939	0.0058171	0.0131605
09 Real estate	0.0002412	0.0011611	0.0019085	0.0015863	0.0000644
10 Private services	0.0050801	0.0322523	0.0106616	0.0129757	0.0035367
11 Government services	0.0000000	0.0000000	0.0000000	0.0000622	0.0000000
12 Unclassified	0.0047409	0.0616971	0.0043360	0.0000536	0.0012439
<b>INTERMEDIATE INPUT</b>	<b>0.2468851</b>	<b>0.4218172</b>	<b>0.6520691</b>	<b>0.4819868</b>	<b>0.3746945</b>
Compensation of employees	0.2991241	0.1876856	0.0846293	0.1962742	0.1172292
Depreciation	0.0481389	0.0916452	0.0278633	0.0672840	0.1501728
Indirect taxes less subsidies	0.0233622	0.0303686	0.0431941	0.0108704	0.0119964
Operating Surplus	0.3824898	0.2684834	0.1922441	0.2435846	0.3459071
<b>Total primary input</b>	<b>0.7531149</b>	<b>0.5781828</b>	<b>0.3479309</b>	<b>0.5180132</b>	<b>0.6253055</b>
<b>TOTAL INPUT</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>

Source: National Statistical Coordination Board.

Table 3.64 (continued)

06	07	08	09	10	11	12
0.0015934	0.0008347	0.0000000	0.0000000	0.0177733	0.0014785	0.2711803
0.0000000	0.0000000	0.0000000	0.0004914	0.0002632	0.0000000	0.0000000
0.2762031	0.0519869	0.0298085	0.0130904	0.1691272	0.1063619	0.3744061
0.0036162	0.0019195	0.0070991	0.0967514	0.0079626	0.0097948	0.0000000
0.0147256	0.0217669	0.0314578	0.0014964	0.0419936	0.0255681	0.0020360
0.0675023	0.0548402	0.0437731	0.0025979	0.0283047	0.0206604	0.0035639
0.0313293	0.0060217	0.0045349	0.0009956	0.0239682	0.0288667	0.0000000
0.0224022	0.0192775	0.0174308	0.0029147	0.0110697	0.0313220	0.0000000
0.0054305	0.0165965	0.0328710	0.0025023	0.0170065	0.0111561	0.0000000
0.1068586	0.0266706	0.0660168	0.0072271	0.0684003	0.0721327	0.0000000
0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000632	0.0000000
0.0057499	0.0059170	0.0201292	0.0019428	0.0136082	0.0012909	0.0004117
<b>0.5354110</b>	<b>0.2058315</b>	<b>0.2531212</b>	<b>0.1300100</b>	<b>0.3994774</b>	<b>0.3086954</b>	<b>0.6515980</b>
0.1669527	0.2442230	0.2123514	0.0333607	0.2269982	0.6648805	0.0091707
0.0817547	0.0537786	0.0360885	0.0193841	0.0559517	0.0263694	0.0142726
0.0246209	0.0365645	0.0601286	0.0126421	0.0279891	0.0000547	(0.6044414)
0.1912607	0.4596024	0.4383104	0.8046031	0.2895836	0.0000000	0.9294001
<b>0.4645890</b>	<b>0.7941685</b>	<b>0.7468788</b>	<b>0.8699900</b>	<b>0.6005226</b>	<b>0.6913046</b>	<b>0.3484020</b>
<b>1.0000000</b>	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

**Table 3.65**  
**MATRIX OF DOMESTIC INVERSE COEFFICIENTS, (I - A)**  
**1988**

Sectors	01	02	03	04	05	06
01 Agriculture, fishery and forestry	1.1477250	0.1253689	0.3469248	0.1810489	0.1646339	0.1252261
02 Mining and quarrying	0.0108532	1.0261297	0.0847292	0.0521771	0.0238328	0.0285785
03 Manufacturing	0.1915663	0.4418640	1.5082919	0.5306510	0.4164457	0.5054383
04 Construction	0.0038345	0.0247436	0.0085994	1.0044579	0.0199197	0.0094109
05 Electricity, gas and water	0.0101305	0.0131994	0.0319043	0.0180145	1.0228902	0.0340084
06 Transportation, communication and storage	0.0224912	0.0363717	0.0480705	0.0519343	0.0181856	1.0962879
07 Trade	0.0323828	0.0629849	0.0946183	0.0701426	0.0388561	0.0695791
08 Finance & insurance	0.0082434	0.0180621	0.0179511	0.0146110	0.0193959	0.0332415
09 Real estate	0.0018184	0.0047861	0.0060549	0.0051954	0.0026066	0.0116203
10 Private services	0.0130238	0.0489526	0.0318694	0.0319713	0.0152428	0.1379038
11 Government services	0.0000002	0.0000015	0.0000005	0.0000624	0.0000012	0.0000006
Unclassified	0.0076251	0.0674858	0.0151016	0.0079109	0.0062701	0.0138805
***	1.4496944	1.8699503	2.1941158	1.9681773	1.7482805	2.0651760
BL	0.8298986	1.0704802	1.2560535	1.1267117	1.0008286	1.1822400
Rank	10.0000000	5.0000000	2.0000000	4.0000000	7.0000000	3.0000000

Source: National Statistical Coordination Board.

Table 3.65 (continued)

07	08	09	10	11	12	***	FI	Rank
0.0366312	0.0398517	0.0245304	0.1060094	0.0579669	0.4420947	2.7980118	1.6017625	2.0000000
0.0076202	0.0072565	0.0070242	0.0191870	0.0126943	0.0348310	1.3149136	0.7527414	6.0000000
0.1333567	0.1236248	0.0775262	0.3316321	0.2203179	0.6195669	5.1002818	2.9197305	1.0000000
0.0056195	0.0128710	0.0977558	0.0135559	0.0141028	0.0043354	1.2192065	0.6979525	9.0000000
0.0284020	0.0396682	0.0043698	0.0548138	0.0365299	0.0169031	1.3108339	0.7504059	7.0000000
0.0661673	0.0555787	0.0091898	0.0466786	0.0359284	0.0280527	1.5149366	0.8672475	5.0000000
1.0179462	0.0169864	0.0098267	0.0494998	0.0468872	0.0445527	1.5542629	0.8897604	4.0000000
0.0236881	1.0221903	0.0049390	0.0184094	0.0373453	0.0091182	1.2271954	0.7025258	8.0000000
0.0190557	0.0359420	1.0034096	0.0209260	0.0153884	0.0028080	1.1296113	0.6466624	11.0000000
0.0407347	0.0817900	0.0121125	1.0870953	0.0892753	0.0159930	1.6059643	0.9193576	3.0000000
0.0000003	0.0000008	0.0000061	0.0000008	1.0000641	0.0000003	1.0001390	0.5725441	12.0000000
0.0087330	0.0234111	0.0032225	0.0189669	0.0058334	1.0081992	1.1866402	0.6793094	10.0000000
1.3879550	1.4591715	1.2539126	1.7667750	1.5723337	2.2264550	20.9619973		
0.7945550	0.8353239	0.7178205	1.0114160	0.9001053	1.2745665			
11.0000000	9.0000000	12.0000000	6.0000000	8.0000000	1.0000000			

**Table 3.66**  
**SUMMARY MATRIX BY SECTOR**  
*In million pesos*  
**1990**

Sectors/ Transaction Categories	W h o l e					
	D o m e s t i c					
	Households & Non-Corporate Business		Private Corporations		Government 1/	
	U	S	U	S	U	S
1. Gross Savings		169,053		18,196		10,450
2. Capital Consumption		80,554		(13,886)		15,278
3. Net Savings		88,499		32,082		(4,828)
4. Gross Investments	169,053		18,196		10,450	
5. Real Investments	104,049		30,892		106,175	
6. Consumer Durables	4,856					
7. Real Estate/Other Fixed Assets	115,500		17,116		96,727	
8. Inventory	(16,307)		13,776		9,448	
9. Net Financial Investment	46,362		(12,696)		(95,725)	
10. Total Financial Uses	106,467		57,571		24,651	
11. Total Financial Sources		60,085		70,267		120,376
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(55,787)		41,426
15. Other Foreign Monetary Claims						
16. Domestic Currency	(1,515)		(10)		4,484	
17. Demand Deposits	(6,784)		1,225		(6,515)	
18. Savings and Time Deposits	41,760		3,104		2,049	
19. Deposit Substitutes	(110)		2,030		(1,239)	
20. Domestic Loans		(172,387)	6,879	67,049	(2,239)	21,149
21. Investments/Securities	68,437		22,721	31,645	(29,316)	27,406
22. Insurance Reserves	4,012		(57)			
23. Trust Funds	667		(80)			
24. Trade Credits		5,453	25,260	24,245	9,613	8,429
25. Taxes Payable			(47)	2,453	6,736	
26. Inter-Financial Claims						
27. Inter-Governmental Claims					37,379	37,379
28. Miscellaneous		227,019	(3,454)	662	3,699	(15,413)
29. Statistical Discrepancy	18,622					

1/ National, Local & Owned or Controlled Corporations.

Source: Central Bank of the Philippines.

Table 3.66 (continued)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	18,526		216,225		48,586		264,811		216,225
	(387)		81,559				81,559		81,559
	18,913		134,666		48,586		183,252		134,666
18,526		216,225		48,586		264,811		216,225	
5,073		246,189				246,189		246,189	
		4,856				4,856		4,856	
4,906		234,249				234,249		234,249	
167		7,084				7,084		7,084	
13,453		(48,586)		48,586				(48,586)	
200,254		388,943		75,772		464,715		388,943	
	186,801		437,529		27,186		464,715		437,529
12,171		12,171			12,171	12,171	12,171	12,171	
3,503	42,065	3,503	42,065	42,065	3,503	45,568	45,568	3,503	42,065
3,690	42,382	3,690	28,021	28,021	3,690	31,711	31,711	3,690	28,021
7,822	5,686	7,822	5,686	5,686	7,822	13,508	13,508	7,822	5,686
7,648	10,607	10,607	10,607			10,607	10,607	10,607	10,607
(65)	(12,139)	(12,139)	(12,139)			(12,139)	(12,139)	(12,139)	(12,139)
1,424	48,337	48,337	48,337			48,337	48,337	48,337	48,337
	681	681	681			681	681	681	681
(87,129)	1,700	(82,489)	(82,489)			(82,489)	(82,489)	(82,489)	(82,489)
4,911	7,702	66,753	66,753			66,753	66,753	66,753	66,753
186	4,141	4,141	4,141			4,141	4,141	4,141	4,141
2	589	589	589			589	589	589	589
3,866	612	38,739	38,739			38,739	38,739	38,739	38,739
1	4,237	6,690	6,690			6,690	6,690	6,690	6,690
173,976	173,976	173,976	173,976			173,976	173,976	173,976	173,976
		37,379	37,379			37,379	37,379	37,379	37,379
68,248	(143,775)	68,493	68,493			68,493	68,493	68,493	68,493
		18,622	0			18,622		18,622	

**Table 3.67**  
**SUMMARY MATRIX BY SECTOR**  
*In million pesos*  
**1991**

Sectors/ Transaction Categories	W h o l e					
	D o m e s t i c					
	Households & Non-Corporate Business		Private Corporations		Government 1/	
	U	S	U	S	U	S
1. Gross Savings		129,613		14,645		59,540
2. Capital Consumption		96,146		(10,467)		18,519
3. Net Savings		33,467		25,112		41,021
4. Gross Investments	129,613		14,645		59,540	
5. Real Investments	41,569		107,121		93,841	
6. Consumer Durables	4,812					
7. Real Estate/Other Fixed Assets	53,116		94,857		88,039	
8. Inventory	(16,359)		12,264		5,802	
9. Net Financial Investment	114,896		(92,476)		(34,301)	
10. Total Financial Uses	62,948		29,409		75,369	
11. Total Financial Sources		(51,948)		121,885		109,670
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				56,704		19,994
15. Other Foreign Monetary Claims						
16. Domestic Currency	5,358		83		14,041	
17. Demand Deposits	14,365		4,945		18,108	
18. Savings and Time Deposits	30,089		11,694		2,492	
19. Deposit Substitutes	(6,475)		(3,027)		6,619	
20. Domestic Loans		178,191	(1,410)	4,942	1,310	(6,586)
21. Investments/Securities	4,956		(7,611)	30,994	16,162	52,832
22. Insurance Reserves	14,570		2,214			
23. Trust Funds	85		(111)			
24. Trade Credits		(25,724)	18,784	21,407	(4,294)	18,678
25. Taxes Payable			759	(373)	2,273	
26. Inter-Financial Claims						
27. Inter-Governmental Claims					11,852	11,852
28. Miscellaneous		(204,415)	3,089	8,211	6,806	12,900
29. Statistical Discrepancy	(26,852)					

1/ National, Local & Owned or Controlled Corporations.

Source: Central Bank of the Philippines.

Table 3.67 (continued)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	27,275		231,073		(6,352)		224,721		231,073
	(1,694)		102,504				102,504		102,504
	28,969		128,569		(6,352)		122,217		128,569
27,275		231,073		(6,352)		224,721		231,073	
9,042		251,573				251,573		251,573	
		4,812				4,812		4,812	
8,632		244,644				244,644		244,644	
410		2,117				2,117		2,117	
18,233		6,352		(6,352)				6,352	
191,673		359,399		54,637		414,036		359,399	
	173,440		353,047		60,989		414,036		353,047
3,985		3,985			3,985	3,985	3,985	3,985	
14,181	(4,579)	14,181	(4,579)	(4,579)	14,181	9,602	9,602	14,181	(4,579)
4,948	(9,542)	4,948	67,156	67,156	4,948	72,104	72,104	4,948	67,156
37,875	(7,940)	37,875	(7,940)	(7,940)	37,875	29,935	29,935	37,340	37,340
(9,592)	9,890	9,890	9,890			9,890	9,890	9,890	9,890
(78)	37,340	37,340	37,340			37,340	37,340	37,340	37,340
1,400	45,675	45,675	45,675			45,675	45,675	45,675	45,675
	(2,883)	(2,883)	(2,883)			(2,883)	(2,883)	(2,883)	(2,773)
184,019	7,372	183,919	183,919			183,919	183,919	183,919	183,919
120,246	49,927	133,753	133,753			133,753	133,753	133,753	133,753
(185)	16,599	16,599	16,599			16,599	16,599	16,599	16,599
(1)	(27)	(27)	(27)			(27)	(27)	(27)	(27)
378	507	14,868	14,868			14,868	14,868	14,868	14,868
(1)	3,404	3,031	3,031			3,031	3,031	3,031	3,031
(194,513)	(194,513)	(194,513)	(194,513)			(194,513)	(194,513)	(194,513)	(194,513)
		11,852	11,852			11,852	11,852	11,852	11,852
29,011	222,210	38,906	38,906			38,906	38,906	38,906	38,906
		(26,852)	0			(26,852)			

**Table 3.68**  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1990**

Sector Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		8,380		8,380
2. Capital Consumption		(528)		(528)
3. Net Savings		8,908		8,908
4. Gross Investment	8,380		8,380	
5. Real Investment	4,782		4,782	
6. Consumer Durables	0		0	
7. Real Estate/Fixed Assets	4,779		4,779	
8. Inventory	3		3	
9. Net Financial Investment	3,598		3,598	
10. Total Financial Uses	109,298		109,298	
11. Total Financial Sources	0	105,700	0	105,700
12. Gold & Foreign Currency Holdings	745	11,426	745	
13. Foreign Currency Deposits	13	20,447	13	16,957
14. Foreign loans	3,690	8,372	3,690	8,372
15. Other Foreign Claims	18,517	(6,607)	18,517	4,088
16. Domestic Currency	1,347	6,301	1,347	
17. Demand Deposits	(90)	9,009	(90)	8,984
18. Savings and Time Deposits	135	48,033	135	46,744
19. Deposit Substitutes	0	681	0	681
20. Domestic Loans	(94,799)	10,893	(94,799)	3,223
21. Investments/Securities	(5,659)	15,771	(5,659)	5,201
22. Insurance Reserves	186	(2,850)	186	(2,850)
23. Trust Funds	2	10	2	10
24. Trade Credits	2,369	2,137	2,369	640
25. Taxes Payable	1	4,453	1	4,453
26. Inter-Financial Claims	172,143	173,976	172,143	172,143
27. Inter-Governmental Claims	0	0	0	
28. Miscellaneous	10,698	(105,396)	10,698	(162,946)
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

Table 3.68 (continued)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	7,941		995		(2,359)		1,803
	28		13		(590)		21
	7,913		982		(1,769)		1,782
7,941		995		(2,359)		1,803	
2,692		145		1,316		629	
2,689		145		1,316		629	
3							
5,249		850		(3,675)		1,174	
103,758		4,802		(5,750)		6,488	
	98,509		3,952		(2,075)		5,314
734		11					
	16,659		298	13			
3,690	8,372						
18,428	4,022	92	66	(3)			
1,343		235		(40)		(191)	
200	8,891		93	(232)		(58)	
	44,418		2,315	135			11
	681						
(101,399)		3,621	80	(1,633)	59	4,612	3,084
549	2,553	(902)	383	(3,162)	512	(2,144)	1,753
				186	(2,850)		
				2	10		
				2,369	640		
	4,370		126	1	(43)		
174,092	(4,297)	1,443	401	(2,119)	(152)	(1,273)	176,191
6,121	12,840	302	190	(1,267)	(251)	5,542	(175,725)

**Table 3.68 (continued)**  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1990**

Transaction Categories	Financial			
	Total		Monetary Authorities	
	U	S	U	S
1. Gross Savings		10,146		1,290
2. Capital Consumption		141		59
3. Net Savings		10,005		1,231
4. Gross Investment	10,146		1,290	
5. Real Investment	291		48	
6. Consumer Durables				
7. Real Estate/Fixed Assets	127		(115)	
8. Inventory	164		163	
9. Net Financial Investment	9,855		1,242	
10. Total Financial Uses	90,956		63,625	
11. Total Financial Sources		81,101		62,383
12. Gold & Foreign Currency Holdings	11,426		11,426	
13. Foreign Currency Deposits	3,490	25,108	3,706	25,105
14. Foreign loans	0	34,010		31,506
15. Other Foreign Claims	(10,695)	1,598	(10,750)	330
16. Domestic Currency	6,301	10,607		10,607
17. Demand Deposits	25	(21,123)		(22,135)
18. Savings and Time Deposits	1,289	1,593		
19. Deposit Substitutes				
20. Domestic Loans	7,670	(1,523)	5,557	
21. Investments/Securities	10,570	2,501	(2,248)	(623)
22. Insurance Reserves		6,991		
23. Trust Funds		579		
24. Trade Credits	1,497	(28)		
25. Taxes Payable		(216)		(302)
26. Inter-Financial Claims	1,833	1,833	2,118	12,323
27. Inter-Governmental Claims				
28. Miscellaneous	57,550	19,171	53,816	5,572
29. Statistical Discrepancy				

Table 3.68 (continued)

Sector							
G o v e r n m e n t							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
U	S	U	S	U	S	U	S
	(47)		10,178		(1,275)		52,491
	16		49		17		-
	(63)		10,129		(1,292)		52,491
(47)		10,178		(1,275)		48,586	
27		139		77			
27		138		77			
		1					
(74)		10,039		(1,352)		48,586	
4,788		17,695		4,848		75,772	
	4,862		7,656		6,200		27,186
							12,171
	3			(216)		42,065	3,503
					2,504	28,021	3,690
55	1,268					5,686	7,822
133		6,128		40			
25	1,012						
	1,593	1,289					
2,723	(23)	1,696	(73)	(2,306)	(1,427)		
1,529		6,713		4,576	3,124		
			6,991				
			567		12		
		1,497	(28)				
	86						
(170)	222	(115)	194		(10,906)		
493	701	487	5	2,754	12,893		

**Table 3.68 (continued)**  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1990**

Sector  Transaction Categories	Non-Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		169,053		18,196
2. Capital Consumption		80,554		(13,886)
3. Net Savings		88,499		32,082
4. Gross Investment	169,053		18,196	
5. Real Investment	104,049		30,892	
6. Consumer Durables	4,856			
7. Real Estate/Fixed Assets	115,500		17,116	
8. Inventory	(16,307)		13,776	
9. Net Financial Investment	46,382		(12,696)	
10. Total Financial Uses	106,467		57,571	
11. Total Financial Sources		60,085		70,267
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		0		(55,787)
15. Other Foreign Claims				
16. Domestic Currency	(1,515)		(10)	
17. Demand Deposits	(6,784)		1,225	
18. Savings and Time Deposits	41,760		3,104	
19. Deposit Substitutes	(110)		2,030	
20. Domestic Loans	67,049	(172,387)	6,879	67,049
21. Investments/Securities	100,082	0	22,721	31,645
22. Insurance Reserves	4,012		(57)	
23. Trust Funds	667		(80)	
24. Trade Credits	24,245	5,453	25,260	24,245
25. Taxes Payable	2,453	0	(47)	2,453
26. Inter-Financial Claims				
27. Inter-Governmental Claims				
28. Miscellaneous	662	227,019	(3,454)	662
29. Statistical Discrepancy	18,622			

Table 3.68 (continued)

Sector			
Private Corporations		Households and Non-Corporate Business	
U	S	U	S
	169,053		129,613
	80,554		96,146
	88,499		33,467
169,053		129,613	
104,049		41,569	
4,856		4,812	
115,500		53,116	
(16,307)		(16,359)	
46,382		114,896	
106,467		62,948	
	60,085		(51,948)
(1,515)		5,358	
(6,784)		14,365	
41,760		30,089	
(110)		(6,475)	
	(172,387)		178,191
68,437		4,956	
4,012		14,570	
667		85	
	5,453		(25,724)
	227,019		227,019
18,622			

*Table 3.68 (continued)*  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1990**

Sector Transaction Categories	Non-Financial			
	Total		National	
	U	S	U	S
1. Gross Savings		10,450		(14,592)
2. Capital Consumption		15,278		2,119
3. Net Savings		(4,828)		(16,711)
4. Gross Investment	10,450		(14,592)	
5. Real Investment	106,175		40,994	
6. Consumer Durables				
7. Real Estate/Fixed Assets	96,727		40,014	
8. Inventory	9,448		980	
9. Net Financial Investment	(95,725)		(55,586)	
10. Total Financial Uses	24,651		5,321	
11. Total Financial Sources		120,376		60,907
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		41,426		16,280
15. Other Foreign Claims				
16. Domestic Currency	4,484		4,480	
17. Demand Deposits	(6,515)		(6,368)	
18. Savings and Time Deposits	2,049		1,067	
19. Deposit Substitutes	(1,239)			
20. Domestic Loans	(2,239)	21,149		155
21. Investments/Securities	(29,316)	27,406	(32,346)	19,533
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	9,613	8,429	488	15,410
25. Taxes Payable	6,736		6,736	
26. Inter-Financial Claims				
27. Inter-Governmental Claims	37,379	11,280	36,961	8,486
28. Miscellaneous	3,699	10,686	(5,697)	1,043
29. Statistical Discrepancy				

Table 3.68 (continued)

Sector				1990 Grand Total	
m e n t		Corporation		U	S
Local		Corporation		U	S
U	S	U	S	U	S
	4,777		20,265		264,811
	460		12,699		81,559
	4,317		7,566		183,252
4,777		20,265		264,811	
4,034		61,147		246,189	
				4,856	
3,912		52,801		234,249	
122		8,346		7,084	
743		(40,882)		0	
2,074		17,256		464,715	
	1,331		58,138		464,715
				12,171	12,171
				45,568	45,568
	15		25,131	31,711	31,711
				13,508	13,508
164		(160)		10,607	10,607
(122)		(25)		(12,139)	(12,139)
1,438		(456)		48,337	48,337
		(1,239)		681	681
	(7)	(2,239)	21,001	(82,489)	(82,489)
50		2,980	7,873	66,753	66,753
				4,141	4,141
				589	589
(194)	600	9,319	(7,581)	38,739	38,739
				6,690	6,690
				173,976	173,976
418	363		2,431	37,379	37,379
320	360	9,076	9,283	68,493	68,493
				18,622	

**Table 3.69**  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1991**

Sector  Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		27,275		19,407
2. Capital Consumption		(1,694)		(1,828)
3. Net Savings		28,969		21,235
4. Gross Investment	27,275		19,407	
5. Real Investment	9,042		7,631	
6. Consumer Durables				
7. Real Estate/Fixed Assets	8,632		7,634	
8. Inventory	410		(3)	
9. Net Financial Investment	18,233		11,776	
10. Total Financial Uses	191,673		78,446	
11. Total Financial Sources		173,440		66,670
12. Gold & Foreign Currency Holdings	3,985		401	
13. Foreign Currency Deposits	14,181	(4,579)	(98)	10,909
14. Foreign loans	4,948	(9,542)	4,948	(565)
15. Other Foreign Claims	37,875	(7,940)	(10,318)	(7,874)
16. Domestic Currency	(9,592)	9,890	3,133	
17. Demand Deposits	(78)	37,340	(75)	9,041
18. Savings and Time Deposits	1,400	45,675	(435)	41,436
19. Deposit Substitutes		(2,883)		(2,883)
20. Domestic Loans	184,019	7,372	171,801	1,492
21. Investments/Securities	120,246	49,927	89,001	5,693
22. Insurance Reserves	(185)	16,599	(185)	6,071
23. Trust Funds	(1)	(27)	(1)	373
24. Trade Credits	378	507	71	249
25. Taxes Payable	(1)	3,404	(1)	2,694
26. Inter-Financial Claims	(194,513)	(194,513)	(186,274)	(186,274)
27. Inter-Governmental Claims				
28. Miscellaneous	29,011	222,210	6,478	186,308
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

Table 3.69 (continued)

Sector							
P r i v a t e							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	10,347		1,195		8,577		(712)
	(98)		216		(1,902)		(44)
	10,445		979		10,479		(668)
10,347		1,195		8,577		(712)	
5,621		562		1,998		(550)	
5,624		562		1,998		(550)	
(3)							
4,726		633		6,579		(162)	
56,692		11,099		14,524		(3,869)	
	51,966		10,466		7,945		(3,707)
392		9					
	10,909			(98)			
4,952	(565)			(4)			
(9,684)	(7,874)	(637)		3			
2,531		375		153		74	
(1,268)	4,644	137	4,397	876		180	
	37,354		4,078	(435)			4
	(3,012)		129				
168,228	9,612	6,650	(223)	1,480	91	(4,557)	(7,988)
67,624	4,044	2,962	403	11,064	(410)	7,351	1,656
				(185)	6,071		
				(1)	373		
				71	249		
	2,400		222	(1)	72		
(188,682)	2,052	434	669	1,286	21	688	(189,016)
12,599	(7,598)	1,169	791	315	1,478	(7,605)	191,637

*Table 3.69 (continued)*  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1991**

Sector  Transaction Categories	Financial			
	Total		Monetary Authorities	
	U	S	U	S
1. Gross Savings		7,868		(62)
2. Capital Consumption		134		104
3. Net Savings		7,734		(166)
4. Gross Investment	7,868		(62)	
5. Real Investment	1,411		426	
6. Consumer Durables				
7. Real Estate/Fixed Assets	998		16	
8. Inventory	413		410	
9. Net Financial Investment	6,457		(488)	
10. Total Financial Uses	113,227		75,278	
11. Total Financial Sources		106,770		75,766
12. Gold & Foreign Currency Holdings	3,584		3,583	
13. Foreign Currency Deposits	14,279	(15,488)	14,279	(15,496)
14. Foreign loans	0	(8,977)		(11,281)
15. Other Foreign Claims	48,193	(66)	46,954	(66)
16. Domestic Currency	(12,725)	9,890		9,890
17. Demand Deposits	(3)	28,299		27,825
18. Savings and Time Deposits	1,835	4,239		
19. Deposit Substitutes				
20. Domestic Loans	12,218	5,880	(7,084)	
21. Investments/Securities	31,245	44,234	(243)	38,912
22. Insurance Reserves		10,528		
23. Trust Funds		(400)		
24. Trade Credits	307	258		
25. Taxes Payable		710		487
26. Inter-Financial Claims	(8,239)	(8,239)	(315)	20,211
27. Inter-Governmental Claims				
28. Miscellaneous	22,533	35,902	18,104	5,284
29. Statistical Discrepancy				

Table 3.69 (continued)

Sector								
G o v e r n m e n t								
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World		
U	S	U	S	U	S	U	S	
	(2,547)		10,092		385			(6,352)
	(66)		62		34			
	(2,481)		10,030		351			(6,352)
(2,547)		10,092		385		(6,352)		
(16)		664		337				
(16)		662		336				
		2		1				
(2,531)		9,428		48		(6,352)		
10,007		20,402		7,540		54,637		
	12,538		10,974		7,492			60,989
1								3,985
	8					(4,579)		14,181
	4,178					(1,874)		4,948
1,239						(7,940)		37,875
37		(12,641)		(121)				
(3)	474							
	4,239	1,835						
5,598	168	10,584		3,120	5,712			
1,641	2,500	28,476		1,371	2,822			
			10,528					
	56		(464)		8			
		307	258					
	223							
923	(70)	(8,847)	(340)		(28,040)			
571	762	688	992	3,170	28,864			

*Table 3.69 (continued)*  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1991**

Sector  Transaction Categories	Non-Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		203,798		144,258
2. Capital Consumption		104,198		85,679
3. Net Savings		99,600		58,579
4. Gross Investment	203,798		144,258	
5. Real Investment	242,531		148,690	
6. Consumer Durables	4,812		4,812	
7. Real Estate/Fixed Assets	236,012		147,973	
8. Inventory	1,707		(4,095)	
9. Net Financial Investment	(11,881)		22,420	
10. Total Financial Uses	167,726		92,357	
11. Total Financial Sources		179,607		69,937
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		76,698		56,704
15. Other Foreign Claims				
16. Domestic Currency	19,482		5,441	
17. Demand Deposits	37,418		19,310	
18. Savings and Time Deposits	44,275		41,783	
19. Deposit Substitutes	(2,883)		(9,502)	
20. Domestic Loans	(100)	176,547	(1,410)	183,133
21. Investments/Securities	13,507	83,826	(2,655)	30,994
22. Insurance Reserves	16,784		16,784	
23. Trust Funds	(26)		(26)	
24. Trade Credits	14,490	14,361	18,784	(4,317)
25. Taxes Payable	3,032	(373)	759	(373)
26. Inter-Financial Claims				
27. Inter-Governmental Claims	11,852	11,852		
28. Miscellaneous	9,895	(183,304)	3,089	(196,204)
29. Statistical Discrepancy	(26,852)		(26,852)	

Table 3.69 (continued)

Sector			
P r i v a t e			
Corporations		Households and Non-Corporate Business	
U	S	U	S
	14,645		129,613
	(10,467)		96,146
	25,112		33,467
14,645		129,613	
107,121		41,569	
		4,812	
94,857		53,116	
12,264		(16,359)	
(92,476)		114,896	
29,409		62,948	
	121,885		(51,948)
	56,704		
83		5,358	
4,945		14,365	
11,694		30,089	
(3,027)		(6,475)	
(1,410)	4,942		178,191
(7,611)	30,994	4,956	
2,214		14,570	
(111)		85	
18,784	21,407		(25,724)
759	(373)		
3,089	8,211		(204,415)
		(26,852)	

*Table 3.69 (continued)*  
**FLOW OF FUNDS CAPITAL ACCOUNTS MATRIX**  
*In million pesos*  
**1991**

Sector Transaction Categories	Non-Financial			
	Total		National	
	U	S	U	S
1. Gross Savings		59,540		31,466
2. Capital Consumption		18,519		347
3. Net Savings		41,021		31,119
4. Gross Investment	59,540		31,466	
5. Real Investment	93,841		33,558	
6. Consumer Durables				
7. Real Estate/Fixed Assets	88,039		31,798	
8. Inventory	5,802		1,760	
9. Net Financial Investment	(34,301)		(2,092)	
10. Total Financial Uses	75,369		69,706	
11. Total Financial Sources		109,670		71,798
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		19,994		20,585
15. Other Foreign Claims				
16. Domestic Currency	14,041		12,865	
17. Demand Deposits	18,108		16,515	
18. Savings and Time Deposits	2,492		619	
19. Deposit Substitutes	6,619			
20. Domestic Loans	1,310	(6,586)		(9,864)
21. Investments/Securities	16,162	52,832	19,027	51,854
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	(4,294)	18,678	506	(6,085)
25. Taxes Payable	2,273		2,273	
26. Inter-Financial Claims				
27. Inter-Governmental Claims	11,852	11,852	11,667	11,502
28. Miscellaneous	6,806	12,900	6,234	3,806
29. Statistical Discrepancy				

Table 3.69 (continued)

m e n t		Sector		1991 Grand Total	
		Local	Corporation		
U	S	U	S	U	S
	6,977		21,097		224,721
	347		17,825		102,504
	6,630		3,272		122,217
6,977		21,097		224,721	
6,227		54,056		251,573	
				4,812	
6,142		50,099		244,644	
85		3,957		2,117	
750		(32,959)			
1,760		3,903		414,036	
	1,010		36,862		414,036
				3,985	3,985
				9,602	9,602
	18		(609)	72,104	72,104
				29,935	29,935
87		1,089		9,890	9,890
789		804		37,340	37,340
(589)		2,462		45,675	45,675
		6,619		(2,883)	(2,883)
	(71)	1,310	3,349	183,919	183,919
750	300	(3,615)	678	133,753	133,753
				16,599	16,599
				(27)	(27)
(28)	741	(4,772)	24,022	14,868	14,868
				3,031	3,031
				(194,513)	(194,513)
185	500		(150)	11,852	11,852
566	(478)	6	9,572	38,906	38,906
				(26,852)	

# 4 NATURAL RESOURCES

This chapter is concerned with statistics on the forestry and mining sectors.

Statistics on forestry are compiled by the Forest Management Bureau of the Department of Environment and Natural Resources (DENR) and published annually in the *Philippine Forestry Statistics*. Data published are by-products of the administrative and regulatory functions of the Bureau. Included in this publication are data on area reforested, quantity of production of roundwood, processed wood products and non-timber products harvested.

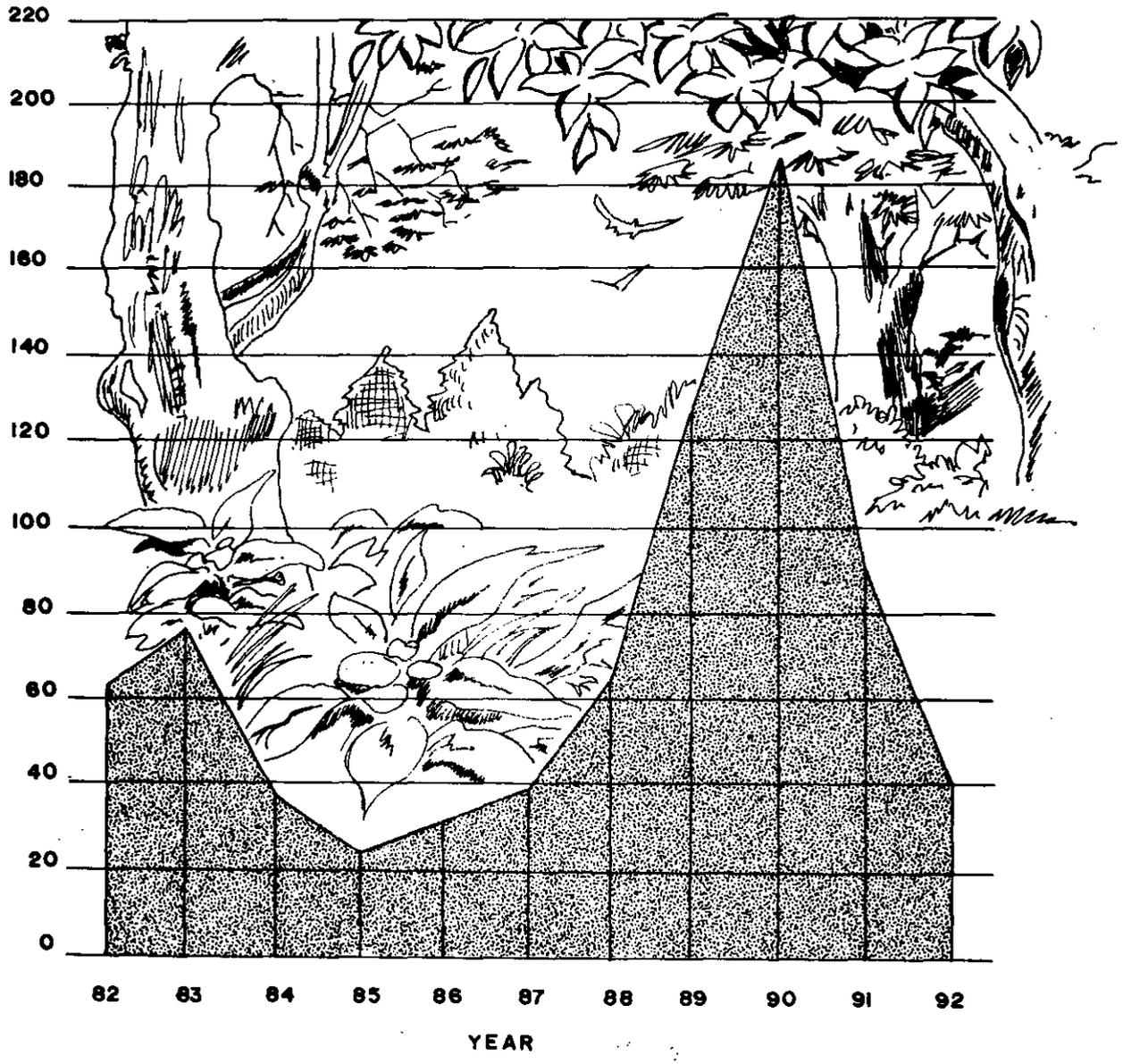
The Status of Land Classification is done by the National Mapping and Resource Information Authority, DENR through its program of surveys using aerial photogrammetry where air strips are used for estimation purposes. Production data are obtained from monthly reports of district forestry officers, forest concessionaires and sawmill operators.

Statistics on ore reserves of important mineral resources are gathered through geological surveys conducted by the Mines and Geo-Sciences Bureau (MGB), as well as by private mining companies. The data are compiled and released by the MGB. Statistics prior to 1985 can be obtained from the National Economic and Development Authority publication entitled *The Raw Materials Resources Survey Bulletin*.

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Figure 4.1 Area Reforested: 1983 to 1992

(in thousand hectares)



**Table 4.1**  
**STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE**  
**(In Hectares)**  
**1991**

Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
<b>PHILIPPINES</b>	<b>27,856,831</b>	<b>12,705,126</b>	<b>13,258,737</b>	<b>806,357</b>	<b>12,452,380</b>
<b>NCR</b>	<b>63,600</b>	<b>48,232</b>	<b>15,368</b>	<b>14,740</b>	<b>628</b>
<b>CAR</b>	<b>1,829,368</b>	<b>340,656</b>	<b>1,488,712</b>	<b>21,135</b>	<b>1,467,577</b>
Abra	397,555	98,420	299,135	8,105	291,030
Benguet	265,538	87,897	177,641	13,030	164,611
Mt. Province	209,733	48,251	161,482	-	161,482
Ifugao	251,778	25,409	226,369	-	226,369
Kalinga Apayao	704,764	80,679	624,085	-	624,085
<b>1 ILOCOS</b>	<b>1,284,019</b>	<b>810,062</b>	<b>473,957</b>	<b>33,155</b>	<b>440,802</b>
Ilocos Norte	339,934	144,948	194,986	-	194,986
Ilocos Sur	257,958	138,412	119,546	26,176	93,370
La Union	149,309	120,307	29,002	4,132	24,870
Pangasinan	536,818	406,395	130,423	2,847	127,576
<b>2 CAGAYAN VALLEY</b>	<b>2,683,758</b>	<b>960,132</b>	<b>1,723,626</b>	<b>146,305</b>	<b>1,577,321</b>
Batanes	20,928	7,432	13,496	-	13,496
Cagayan	900,267	353,261	547,006	6,250	540,756
Isabela	1,066,456	459,666	606,790	0	606,790
Nueva Vizcaya	390,387	88,921	301,466	45,105	256,361
Quirino	305,720	50,852	254,868	94,950	159,918
<b>3 CENTRAL LUZON</b>	<b>1,823,082</b>	<b>1,051,908</b>	<b>771,174</b>	<b>26,874</b>	<b>744,300</b>
Bataan	137,296	69,325	67,971	-	67,971
Bulacan	262,500	185,333	77,167	414	76,753
Nueva Ecija	528,433	330,985	197,448	13,726	183,722
Pampanga	218,068	164,912	53,156	12,734	40,422
Tarlac	305,345	184,975	120,370	-	120,370
Zambales	371,440	116,378	255,062	-	255,062

Note: Status of land classification remain unchanged from 1988 to 1991, because of the non-issuance of DENR Administrative Order establishing forest land or certifying A & D lands due to its interpretation of the Comprehensive Agrarian Reform Law.

Source: National Mapping and Resource Information Authority, DENR.

Table 4.1 (continued)

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
2,416,609	8,787,237	1,329,923	129,600	165,084	69,579
-	237	59	-	-	332
804,795	655,321	6,907	554	-	-
258,743	32,230	57	-	-	-
19,735	138,810	5,512	554	-	-
122,853	38,629	-	-	-	-
28,467	197,902	-	-	-	-
374,997	247,750	1,338	-	-	-
226,846	199,140	12,999	288	923	606
193,272	1,374	340	-	-	-
10,609	81,141	1,620	-	-	-
90	13,833	10,947	-	-	-
22,875	102,792	92	288	923	606
209,288	1,776,865	26,388	412	8,931	1,089
-	13,496	-	-	-	-
39,378	494,094	6,195	-	-	1,089
31,260	546,005	20,193	412	8,920	-
95,838	160,512	-	-	11	-
42,812	117,106	-	-	-	-
166,104	422,729	32,780	117,019	804	4,864
9,284	33,020	25,188	479	-	-
8,019	64,890	368	-	-	3,476
84,500	31,679	3,504	63,900	139	-
12,484	16,777	3,709	7,452	-	-
-	83,115	2	36,588	665	-
51,817	193,248	9	8,600	-	1,388

*Table 4.1 (continued)*  
**STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE**  
*(In Hectares)*  
**1991**

Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
<b>4 SOUTHERN TAGALOG</b>	<b>4,692,416</b>	<b>2,161,264</b>	<b>2,531,152</b>	<b>160,308</b>	<b>2,370,844</b>
Aurora	323,954	132,008	191,946	-	191,946
Batangas	316,581	265,419	51,162	9,102	42,060
Cavite	128,755	100,550	28,205	12,625	15,580
Laguna	175,973	134,720	41,253	-	41,253
Marinduque	95,925	73,720	22,205	-	22,205
Mindoro Occidental	587,985	156,004	431,981	49,531	382,450
Mindoro Oriental	436,472	222,573	213,899	11,312	202,587
Palawan	1,489,626	447,776	1,041,850	-	1,041,850
Quezon	870,660	472,361	398,299	49,696	348,603
Rizal	130,892	63,889	67,003	-	67,003
Romblon	135,593	92,244	43,349	28,042	15,307
<b>5 BICOL</b>	<b>1,763,249</b>	<b>1,222,060</b>	<b>541,189</b>	<b>29,873</b>	<b>511,316</b>
Albay	255,257	206,205	49,052	-	49,052
Camarines Norte	211,249	140,030	71,219	12,872	58,347
Camarines Sur	526,682	365,551	161,131	4,354	156,777
Catanduanes	151,148	73,325	77,823	549	77,274
Masbate	404,769	263,384	141,385	1,846	139,539
Sorsogon	214,144	173,565	40,579	10,252	30,327
<b>6 WESTERN VISAYAS</b>	<b>2,022,311</b>	<b>1,408,782</b>	<b>613,529</b>	<b>1,606</b>	<b>611,923</b>
Aklan	181,789	102,799	78,990	692	78,298
Antique	252,201	144,728	107,473	-	107,473
Capiz	263,317	169,515	93,802	86	93,716
Iloilo	532,397	396,149	136,248	-	136,248
Negros Occidental	792,607	595,591	197,016	828	196,188
<b>7 CENTRAL VISAYAS</b>	<b>1,495,142</b>	<b>959,223</b>	<b>535,919</b>	<b>69,555</b>	<b>466,364</b>
Bohol	411,726	310,455	101,271	-	101,271
Cebu	508,839	367,748	141,091	-	141,091
Negros Oriental	540,227	258,841	281,386	63,091	218,295
Siquijor	34,350	22,179	12,171	6,464	5,707

Table 4.1 (continued)

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
455,395	831,218	1,029,442	3,835	45,278	5,676
84,803	102,953	4,190	-	-	-
-	33,153	8,537	51	-	319
-	12,781	-	2,799	-	-
3,637	34,588	2,754	274	-	-
17,901	4,304	-	-	-	-
91,270	78,783	192,811	147	16,190	3,249
85,659	68,457	44,289	-	3,680	502
74,267	174,883	767,320	-	25,380	-
72,606	264,990	9,541	-	28	1,438
22,582	43,857	-	564	-	-
2,670	12,469	-	-	-	168
69,939	412,996	25,276	-	63	3,042
5,026	38,517	5,459	-	-	50
796	54,638	2,840	-	-	73
15,027	127,471	13,145	-	-	1,134
6,725	70,486	-	-	63	-
34,298	104,121	159	-	-	961
8,067	17,763	3,673	-	-	824
135,344	428,939	23,505	-	235	23,900
-	74,428	-	-	-	3,870
24,593	82,880	-	-	-	-
-	88,566	-	-	-	5,150
41,836	85,496	854	-	-	8,062
68,915	97,569	22,651	-	235	6,818
49,407	397,450	15,054	4	114	4,335
19,410	78,454	-	-	-	3,407
21,427	105,599	13,148	4	114	799
8,570	207,718	1,906	-	-	101
-	5,679	-	-	-	28

*Table 4.1 (continued)*  
**STATUS OF LAND CLASSIFICATION BY REGION AND BY PROVINCE**  
*(In Hectares)*  
**1991**

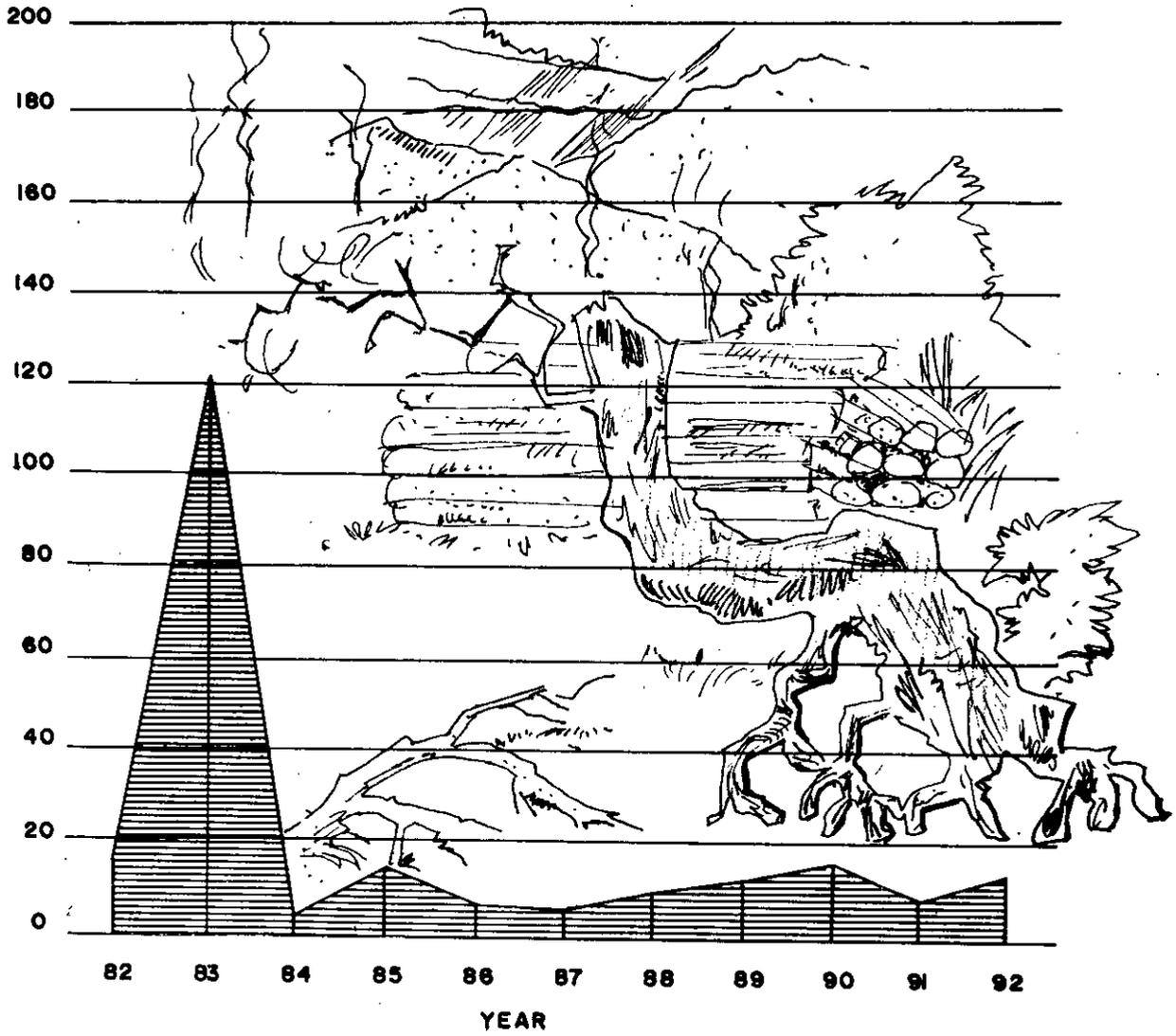
Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
<b>8 EASTERN VISAYAS</b>	<b>2,143,169</b>	<b>1,023,715</b>	<b>1,119,454</b>	<b>38,925</b>	<b>1,080,529</b>
Eastern Samar	433,965	142,982	290,983	-	290,983
Northern Leyte	626,826	410,182	216,644	19,350	197,294
Northern Samar	349,798	148,134	201,664	-	201,664
Southern Leyte	173,480	125,961	47,519	19,575	27,944
Western Samar	559,100	196,456	362,644	-	362,644
<b>9 WESTERN MINDANAO</b>	<b>1,868,514</b>	<b>865,322</b>	<b>1,003,192</b>	<b>118,019</b>	<b>885,173</b>
Basilan	132,723	85,574	47,149	5,953	41,196
Sulu	160,040	47,687	112,353	66,284	46,069
Tawi-tawi	108,740	55,383	53,357	24,864	28,493
Zamboanga N.	661,811	262,384	399,427	4,825	394,602
Zamboanga S.	805,200	414,294	390,906	16,093	374,813
<b>10 NORTHERN MINDANAO</b>	<b>2,832,774</b>	<b>1,067,348</b>	<b>1,765,426</b>	<b>50,732</b>	<b>1,714,694</b>
Agusan del Norte	259,029	66,630	192,399	-	192,399
Agusan del Sur	896,550	221,628	674,922	1,125	673,797
Bukidnon	829,378	336,412	492,966	42,943	450,023
Camiguin	22,980	20,771	2,209	-	2,209
Misamis Occidental	193,932	125,375	68,557	-	68,557
Misamis Oriental	357,003	174,959	182,044	-	182,044
Surigao del Norte	273,902	121,573	152,329	6,664	145,665
<b>11 SOUTHERN MINDANAO</b>	<b>3,169,275</b>	<b>1,212,440</b>	<b>1,956,835</b>	<b>116,774</b>	<b>1,840,061</b>
Davao del Norte	812,975	297,674	515,301	2,188	513,113
Davao del Sur	637,762	239,015	398,747	-	398,747
Davao Oriental	516,446	200,944	315,502	12,188	303,314
South Cotabato	746,876	342,191	404,685	101,273	303,412
Surigao del Sur	455,216	132,616	322,600	1,125	321,475
<b>12 CENTRAL MINDANAO</b>	<b>2,329,323</b>	<b>986,585</b>	<b>1,342,738</b>	<b>53,156</b>	<b>1,289,582</b>
Lanao del Norte	309,204	158,473	150,731	-	150,731
Lanao del Sur	387,289	133,135	254,154	-	254,154
Maguindanao	504,760	306,622	198,138	3,525	194,613
North Cotabato	656,590	149,972	506,618	3,825	502,793
Sultan Kudarat	471,480	238,383	233,097	45,806	187,291

Table 4.1 (continued)

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
51,508	1,018,238	4,108	176	862	5,637
1,890	288,467	-	-	-	626
19,782	173,247	3,268	48	862	87
11,864	188,160	-	128	-	1,512
17,804	10,140	-	-	-	-
168	358,224	840	-	-	3,412
424,924	443,294	2,820	46	2,611	11,478
18,397	18,153	2,597	-	-	2,049
-	44,898	213	-	-	958
-	28,108	-	-	-	385
230,348	164,066	10	46	12	120
176,179	188,069	-	-	2,599	7,966
314,816	1,326,548	55,734	-	6,209	11,387
47,595	143,792	-	-	1,012	-
164,794	503,809	-	-	5,194	-
50,636	390,635	-	-	-	8,752
-	2,209	-	-	-	-
280	13,137	53,262	-	-	1,878
7,836	174,148	57	-	3	-
43,675	98,818	2,415	-	-	757
217,841	1,546,706	53,643	-	19,127	2,744
31,221	473,012	-	-	8,880	-
55,733	290,490	52,262	-	-	262
24,641	276,718	1,381	-	-	574
33,188	259,549	-	-	10,247	428
73,058	246,937	-	-	-	1,480
146,705	1,001,352	52,282	7,996	80,789	458
26,388	116,347	-	7,996	-	-
11,844	240,628	1,682	-	-	-
12,515	152,050	30,048	-	-	-
55,852	345,600	20,552	-	80,789	-
40,106	146,727	-	-	-	458

Figure 4.2 Area Deforested: 1983 to 1992

( in thousand hectares )



**Table 4.2**  
**CLASSIFIED AND UNCLASSIFIED LAND AREA**  
*(In hectares)*  
**1955 to 1991**

Year	Alienable and Disposable		Classified Forest Land		Unclassified Forest Land	
	Area	Percent	Area	Percent	Area	Percent
FY 1955	10,470,634	34.90	4,079,231	13.59	15,450,135	51.51
1960	11,883,353	39.61	6,300,979	21.00	11,815,168	39.39
1965	12,365,431	41.21	7,727,082	25.75	9,906,482	33.04
1970	12,572,433	41.90	8,542,527	28.47	8,885,040	29.63
1971	12,651,472	42.17	8,794,789	29.35	8,553,739	28.52
1972	12,747,516	42.49	8,851,076	29.50	8,401,218	28.00
1973	12,807,993	42.69	8,936,532	29.79	8,256,638	27.52
1974	12,917,083	43.06	9,050,804	30.17	8,018,775	26.77
1975	12,971,282	43.23	9,114,118	30.38	7,893,371	26.38
CY 1976	12,975,861	43.25	9,129,961	30.43	7,894,178	26.31
1977	12,991,758	43.30	9,134,168	30.45	7,874,074	26.25
1978	13,069,840	43.57	9,147,714	30.49	7,782,446	25.94
1979	13,093,263	43.64	9,328,559	31.10	7,578,178	25.26
1980	13,269,340	44.23	9,705,170	32.35	7,025,490	23.42
1981	13,327,630	44.43	10,825,731	36.08	5,846,639	19.49
1982	13,359,243	44.53	10,914,433	36.38	5,726,324	19.09
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	<b>48.87</b>	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

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

Classified and unclassified land area remain unchanged from 1988 to 1991, because of the non-issuance of DENR Administrative Order establishing forest land or certifying A & D lands due to its interpretation of the Comprehensive Agrarian Reform Law.

Source: National Mapping and Resource Information Authority, DENR.

**Table 4.3**  
**AREA REFORESTED ANNUALLY**  
*(In hectares)*  
**1976 to 1992**

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	11,723
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	187,392	153,949	146,718	7,213	37,714	33,443	4,271
1991	93,039	73,602	72,238	1,364	19,437	18,089	1,348
1992 P	40,592	24,303	24,303	-	16,289	11,683	4,606

P Preliminary

Source: Forest Management Bureau

**Table 4.4**  
**FOREST DESTRUCTION BY CAUSE**  
*(In hectares)*  
**1976 to 1992**

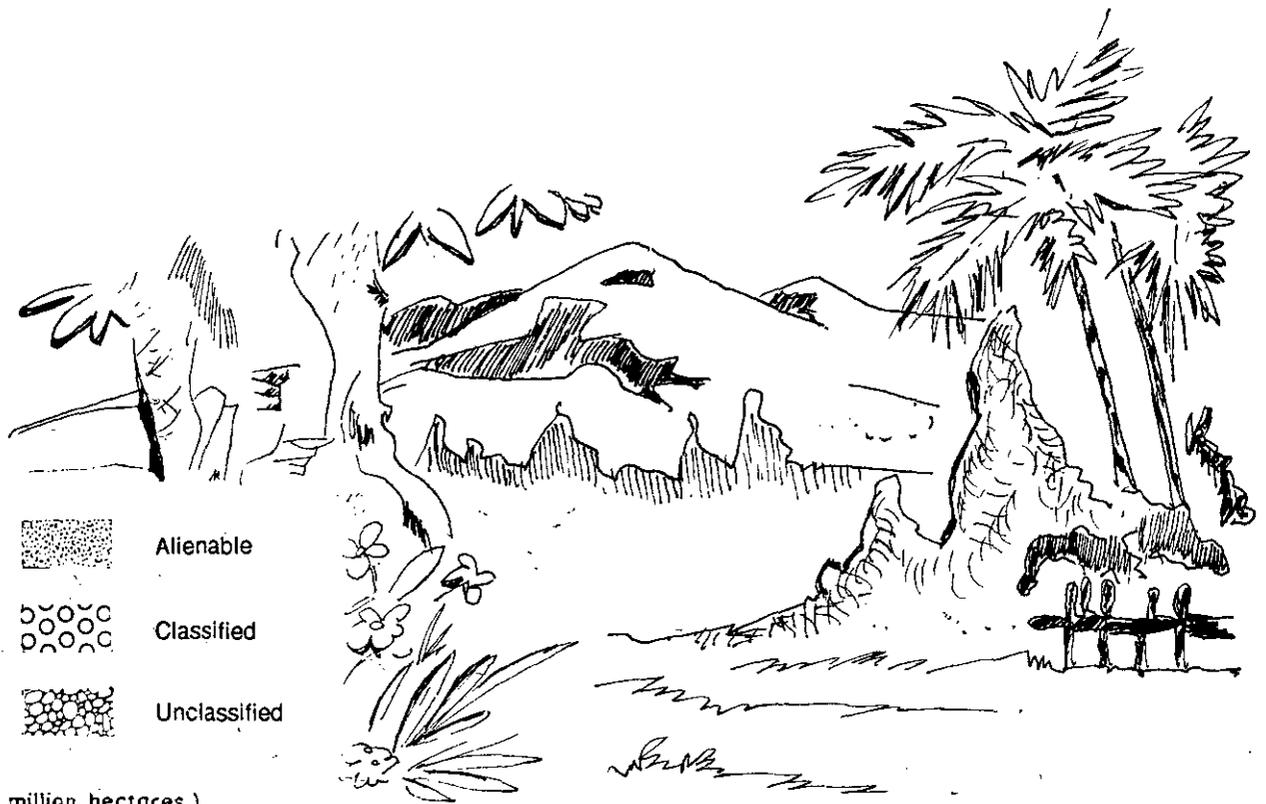
Year	Total	Kaingin	Forest Fire	Illegal Logging	Pests & Diseases	Others
1976	8,400 a/	...	...	...	...	...
1977	8,400 a/	...	...	...	...	...
1978	65,958 a/	...	...	...	...	...
1979	62,196 a/	...	...	...	...	...
1980	32,640	6,302	18,324	7,348	112	554
1981	24,605	5,826	12,471	6,108	200	-
1982	16,654	3,286	8,063	4,954	351	-
1983	121,326	2,241	117,951	1,015	119	-
1984	4,895	1,137	3,177	478	6	97
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	2	512
1988	10,255	2,914	423	4,474	-	2,444
1989	12,814	4,683	675	1,727	218	5,511
1990	15,549 a/	...	...	...	...	...
1991	7,233	759	5,872	72	...	530
1992 P	12,806	86	12,720	-	-	-

P Preliminary

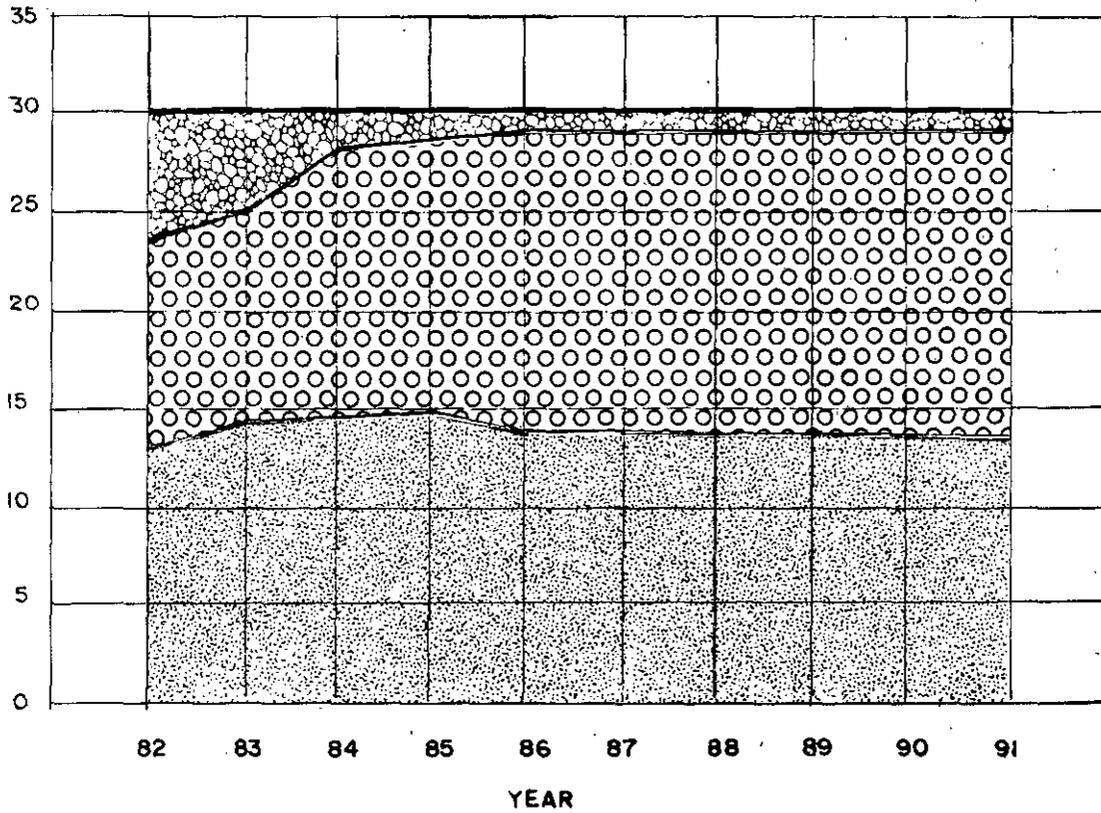
a/ Disaggregation not available.

Source: Forest Management Bureau

Figure 4.3 Classified and Unclassified Land Area: 1982 to 1991



( in million hectares )



**Table 4.5**  
**QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER**  
*(In thousand cubic meter)*  
**1976 to 1992**

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	574	98
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 a/
1992 P	1,431	452	256	54

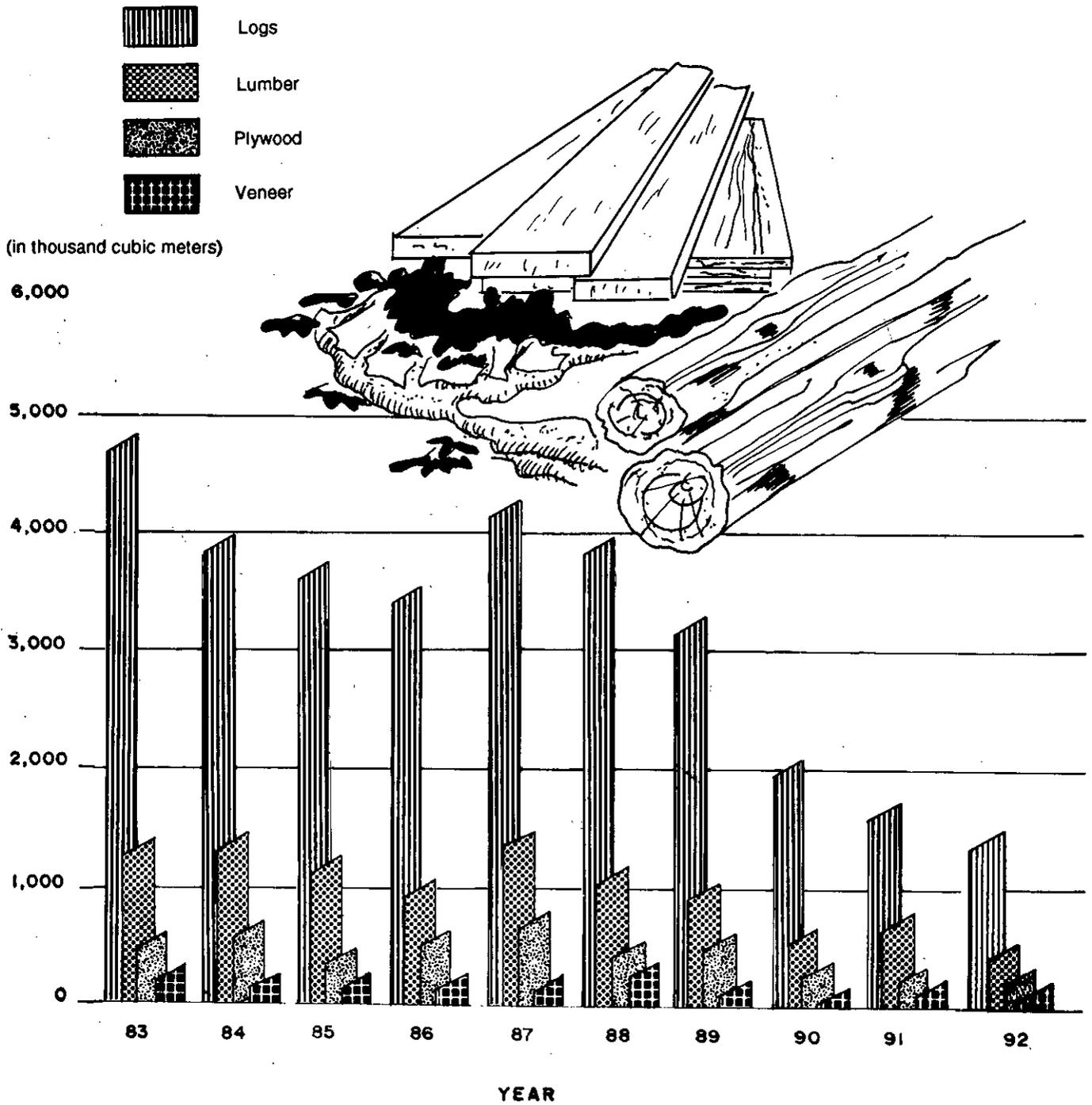
P Preliminary

a\_/ Excluding data for the Autonomous Region of Muslim Mindanao

Source: Forest Management Bureau

Figure 4.4

Quantity of Production of Logs, Lumber, Plywood and Veneer: 1983 to 1992



**Table 4.6**  
**ROUNDWOOD PRODUCTION**  
*(In thousand cubic meters)*  
**1976 to 1992**

Year	Grand Total	Log			Fuelwood / Firewood		
		Sawlog / Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
1976	8,729	8,646 a/	...	...	8	34 c/	41
1977	7,951	7,721 b/	152	...	23	52 c/	3
1978	7,243	6,774 b/	395	...	1	73 c/	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	53
1985	3,914	3,185	368	15	-	310	36
1986	3,588	3,078	318	38	-	125	29
1987	4,253	3,412	681	54	-	77	29
1988	3,893	3,185	615	9	-	81	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	1,749	857	423	151	-	177	141

a/ Including pulpwood and poles & piles.

b/ Including poles and piles.

c/ Including mangrove.

Source: Forest Management Bureau

**Table 4.7**  
**PRODUCTION OF OTHER PROCESSED WOOD PRODUCTS**  
*(In thousand metric tons)*  
**1976 to 1992**

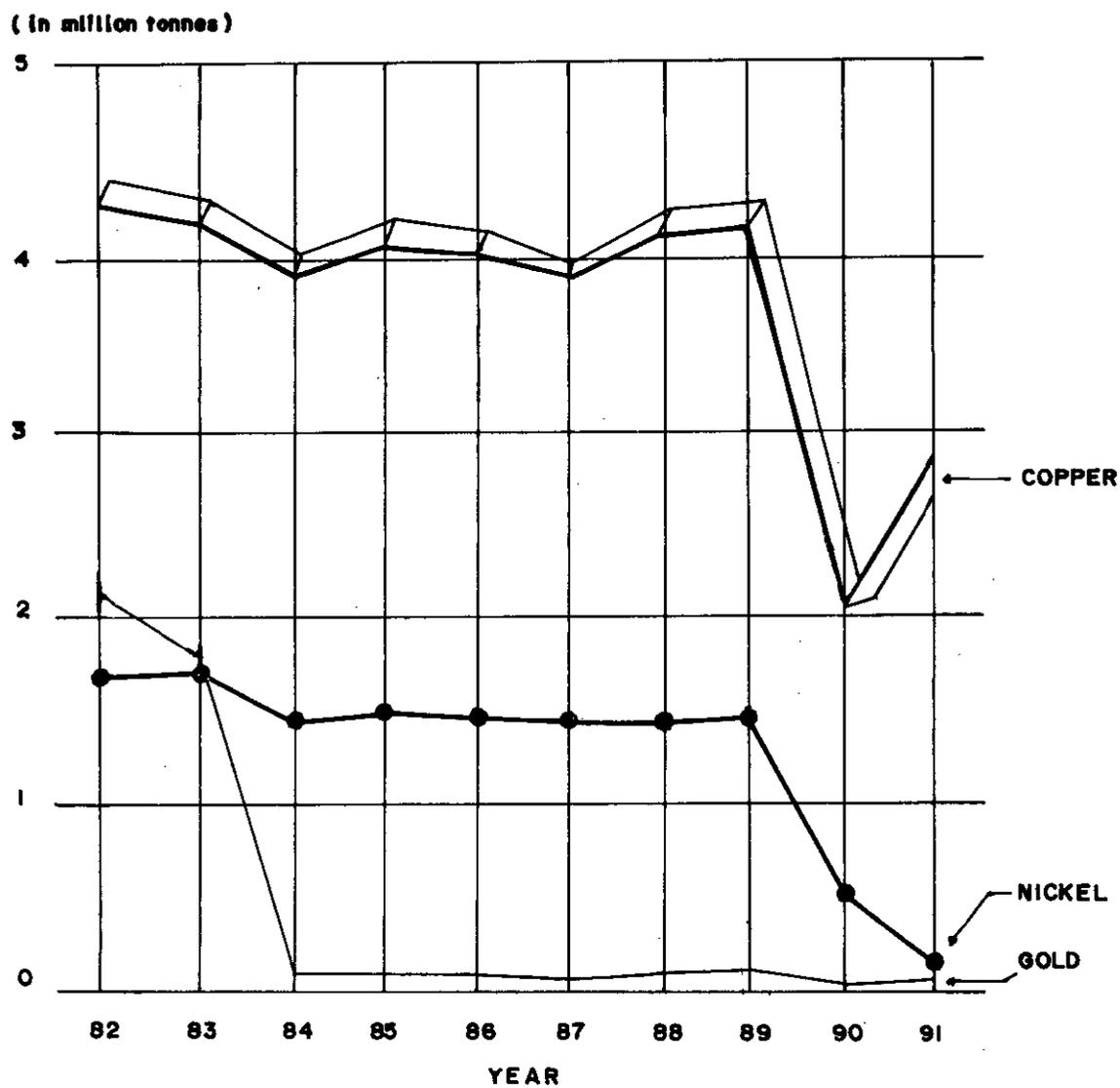
Year	Paper and Paperboard	Fiberboard	Particleboard	Blockboard
1976	184	51	-	19
1977	212	54	-	19
1978	200	61	1	14
1979	326	69	1	12
1980	324	-	-	3
1981	247	-	-	6
1982	223	-	-	10 a/
1983	213	-	8	10 a/
1984	251	-	3	12 a/
1985	155	-	2	7 a/
1986	183	-	4	21
1987	65	-	-	15
1988	244	36	-	20
1989	239	...	...	9
1990	175	...	...	17
1991	...	...	...	6
1992 P	...	...	...	5

P Preliminary

a/ In thousand cubic meters.

Source: Forest Mangement Bureau

Figure 4.5 Selected Metallic Mineral Ore Reserves: 1982 to 1991



**Table 4.8**  
**NON-TIMBER FOREST PRODUCTS HARVESTED**  
*(In thousands)*  
**1976 to 1992**

Year	Almaciga Resin	Diliman and Other Vines 1_/	Split Rattan	Salago Bark	Tanbark
	(kilogram)				
1976	590	9	197	47	785
1977	648	-	66	-	131
1978	617	52	186	36	21
1979	317	-	1,055	191	41
1980	506	4	348	543	10
1981	476	27	1,177	673	859
1982	1,407	20	195	258	83
1983	462	18	73	83	52
1984	191	21	2,770	144	98
1985	380	33	72	47	53
1986	386	3	249	156	1,020
1987	485	8	98	2	33
1988	700	-	54	8	-
1989	472	35	30	2	-
1990	943	-	10	6	30
1991	780	104	568	-	-
1992 P	567	163	30	-	-

P Preliminary

1\_/ Includes hingiw and nito.

2\_/ Less than one thousand.

Source: Forest Management Bureau

Table 4.8 (continued)

Buri Midribs	Nipa Shingles	Anahaw Leaves	Bamboo and Boho	Honey and Beeswax	Unsplit Rattan
(piece)				(ltr)	(linear meter)
69	630	-	76	-	7,308
-	736	-	787	2	3,751
36	1,492	-	426	27	6,884
-	809	-	1,769	53	10,628
32	2,624	-	327	2	12,758
308	2,978	40	885	1	33,511
97	4,126	22	647	94	15,594
57	3,166	96	410	1	24,244
155	1,757	6	309	-	25,370
48	2,675	31	644	1	19,437
33	3,989	-	428	1	28,588
5	3,579	2	402	*	33,902
41	2,504	-	133	-	34,215
88	5,298	-	204	*	33,254
58	8,023	2	984	-	19,266
16	14,719	41	892	*	25,732
-	12,634	33	704	-	21,690

**Table 4.9**  
**MINERAL ORE RESERVES**  
*(In thousand tonnes)*  
**1981 to 1992**

Kind of Ore	Estimated reserves			
	1981	1982	1983	1984
<b>Metallic</b>	<b>10,248,615</b>	<b>10,314,690</b>	<b>9,910,498</b>	<b>6,301,666</b>
Bauxite	...	...	...	82,650
Cadmium	47	47	47	...
Chromite				
Chemical	...	...	...	3,318
Metallurgical (Lumpy)	87,599	83,470	84,632	16,922
Metallurgical (Sandy)				
Refractory	9,117	8,106	8,474	12,701
Copper	4,333,813	4,310,620	4,212,316	3,997,674
Gold	1,933,140	2,108,260	1,840,610	100,637
Iron				
Aluminum Laterite	292,011	292,011	292,010	292,010
Laterite	783,878	798,679	769,849	...
Lumpy	123,278	120,179	121,364	80,732
Sandy	120,224	120,224	120,224	101,620
Lead	9,237	9,318	9,472	6,313
Manganese	7,535	7,537	7,536	1,397
Mercury	15,897	15,897	15,897	16,243
Molybdenum	765,515	670,980	658,390	30,608
Nickel	1,751,007	1,752,120	1,753,132	1,552,678
Platinum	942	942	942	...
Uranium	90	90	90	...
Zinc	15,285	16,210	15,513	6,163

a\_/ in thousand cubic meters

\* Unupdated

Source: Mines and Geo-Sciences Bureau (MGB).

Table 4.9 (continued)

as of December 31						
1985	1986	1987	1988	1989	1990	1991
6,449,168	6,336,610	6,196,472	6,443,600	6,644,091	5,719,008	6,568,506
82,650	82,650	82,650	82,650	82,650	374,660	408,241
...	...	...	...	...	...	...
3,242	3,226	2,800	2,800	3,710	2,800	1,352
16,465	16,446	15,140	15,076	16,860	16,884	17,742
					5,794	6,227
12,365	10,443	11,884	9,635	11,154	10,459	9,966
4,092,439	4,017,190	3,881,255	4,105,743	4,180,219	3,705,434	4,776,982
101,048	101,920	101,557	106,516	129,796	133,993	156,194
292,010	292,010	292,010	292,010	292,010	...	...
...	...	...	...	...	...	...
80,732	80,732	80,732	80,732	80,732	97,130	80,911
101,620	101,620	101,620	101,620	198,750	101,620 *	101,620 *
6,313	6,313	6,313	6,313	6,313	6,313 *	6,313 *
1,396	1,179	1,396	1,955	1,955	1,951	1,956
16,243	16,243	16,243	16,243	16,243	16,243 *	16,243 *
30,608	30,608	30,608	30,608	30,608	30,608 *	30,608 *
1,605,874	1,569,867	1,566,101	1,585,536	1,586,928	1,215,119	1,171,969
...	...	...	...	...	...	...
...	...	...	...	...	...	...
6,163	6,163	6,163	6,163	6,163	...	...

*Table 4.9 (continued)*  
**MINERAL ORE RESERVES**  
*(In thousand tonnes)*  
**1981 to 1992**

Kind of Ore	Estimated reserves			
	1981	1982	1983	1984
<b>Non-Metallic</b>				
Asbestos	24,498	24,498	24,498	24,498
Barite	174	180	153	163
Bentonite	...	...	...	667
Clay	1,088,073	1,076,390	1,068,749	1,088,504
Ball clay	...	...	...	...
Bentonitic	...	...	...	...
Feldspathic	...	...	...	...
Fire clay	...	...	...	...
Kaolinitic	...	...	...	...
Siliceous	...	...	...	...
Diatomaceous Earth	3,903	3,903	3,903	3,903
Feldspar	30,038	32,298	31,148	29,393
Guano	...	...	...	815
Gypsum	1,884	1,884	1,884	1,883
Limestone	264,578	271,672	267,832	256,577
Cement raw materials	6,350,588	6,249,970	6,178,482	6,399,211
Dolomitic	264,578	271,672	267,832	256,577
Lime raw materials	...	...	...	...
Marblelized	...	...	...	...
Magnesite	26,535	26,536	26,536	26,534
Marble	3,955,039	3,970,772	3,942,974	4,155,251
Pebbles				
Peat	2,016	2,016	2,016	...
Perlite	18,518	18,526	18,748	18,513
Pumice and Pumicite	21,878	21,878	21,878	21,878
Pyrite	987,257	987,470	987,757	987,120
Rock Aggregates	...	...	...	...
Rock phosphate	...	...	...	2,346
Sand and Gravel	...	...	...	...
Shale	...	...	...	...
Silica	782,992	797,410	435,448	92,403
Quartz-Boulder	...	...	...	...
Quartz-Massive	...	...	...	...
Sand	782,992	797,410	435,448	92,403
Siliceous rock/Massive	...	...	...	...
Sulphur	29,453	29,453	29,453	29,453
Talc	503	503	503	503
Tuff				

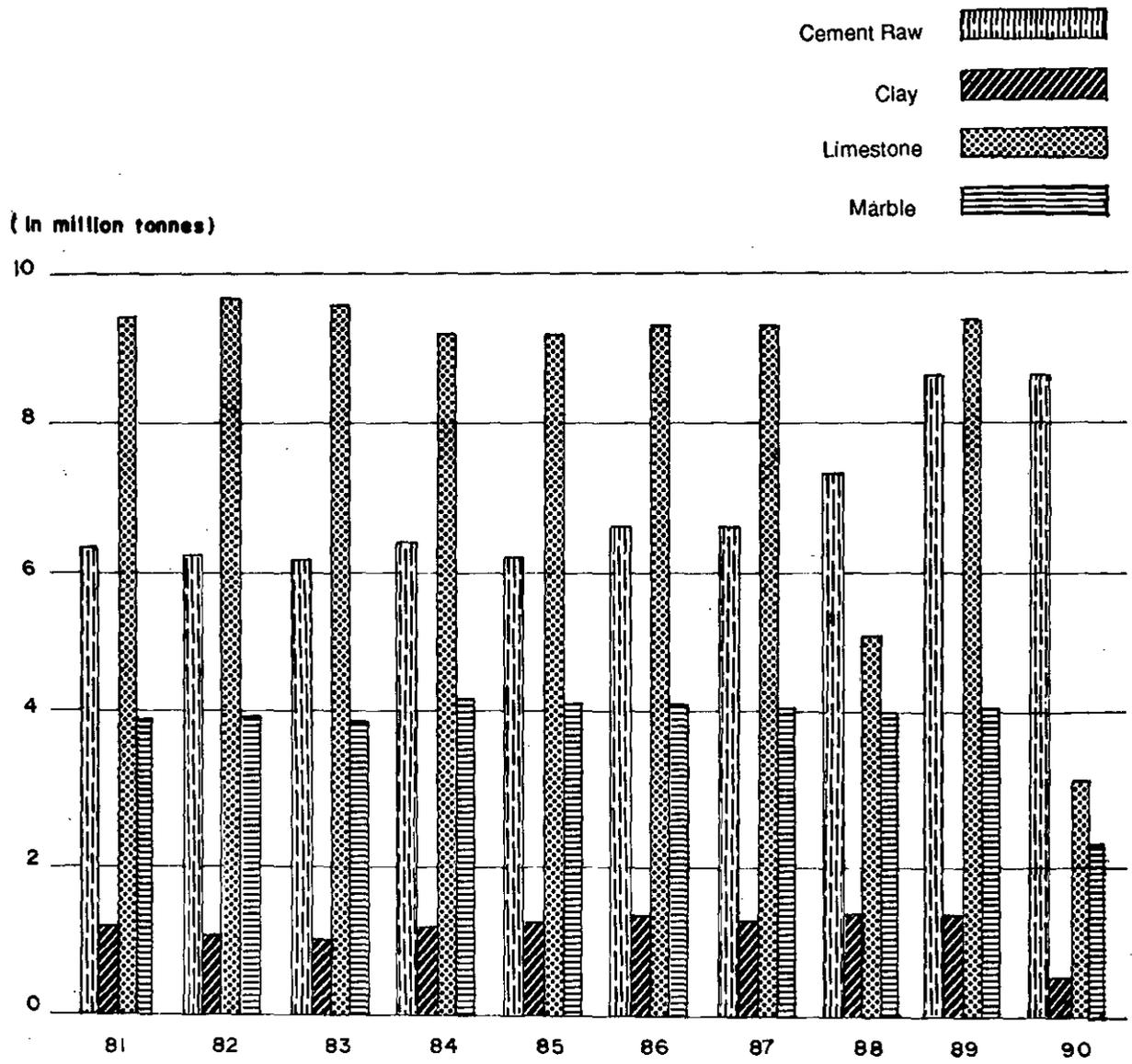
a/ in thousand cubic meters

Source: Mines and Geo-Sciences Bureau (MGB).

Table 4.9 (continued)

as of December 31						
1985	1986	1987	1988	1989	1990	1991
24,498	24,498	24,498	24,498	24,498	0	0
163	163	163	163	163	0	0
1,182	1,382	1,381	1,381	1,385	1,334	0
1,117,880	1,121,967	1,121,963	1,126,965	1,126,965	10,000	11,707
...	...	...	...	...	0	0
...	...	...	...	...	0	807
...	...	...	...	...	0	900
...	...	...	...	...	0	0
...	...	...	...	...	10,000	10,000
...	...	...	...	...	0	0
3,903	3,903	3,903	3,903	3,903	0	0
29,392	29,388	29,380	29,380	29,380	0	619
815	1,014	1,014	1,014	1,014	0	0
1,883	1,883	1,883	1,883	1,883	0	0
488,388	489,107	488,758	259,816	486,431		
6,204,710	6,508,301	6,507,569	7,350,051	8,583,892	2,515,955	3,396,089
488,388	489,107	488,758	259,816	486,431	227,044	230,200
...	...	...	...	...	660,427	101,703
...	...	...	...	...	19,606	98,262
26,534	26,534	26,534	26,534	26,534	0	0
4,154,944	4,154,934	4,154,925	4,047,024	4,058,472	0	0
...	...	...	...	...	0	0
...	...	...	...	...	0	0
18,509	18,509	18,509	18,509	18,509	3,991	17,080
21,878	21,878	21,878	21,878	21,878	0	18,703
987,016	988,584	988,482	991,531	983,402	975,085	980,490
...	...	...	...	...	288	35,165
2,346	2,407	2,407	2,407	2,407	0	0
...	...	...	...	...	0	0
...	...	...	...	...	575,924	789,380
107,921	114,605	113,717	113,717	213,873	1,424,582	1,094,936
...	...	...	...	...	0	0
...	...	...	...	...	59,724	59,724
107,921	114,605	113,717	113,717	213,873	295,082	122,882
...	...	...	...	...	1,069,776	912,330
29,454	44,011	44,011	44,011	44,011	0	0
503	503	503	503	503	0	9
					0	33,606

Figure 4.6 Selected Non-Metallic Mineral Ore Reserves: 1981 to 1990



# 5 AGRICULTURE

This chapter presents basic statistics on the agricultural sector. Included are time series data on the quantity and value of production and hectarage for each major crop; inventory value of poultry and livestock herd; number of animals slaughtered; agricultural loans outstanding and granted by financial institutions; total area and number of individuals who have benefitted under major programs of land distribution and those who will still benefit under the Comprehensive Agrarian Reform Program; and number of registered cooperatives.

The Bureau of Agricultural Statistics is the primary source of various statistical characteristics of the agricultural sector.

Fishing statistics on the quantity and value of production fishponds and data on municipal and sustenance fishing were previously collected and published by the Bureau of Fisheries and Aquatic Resources in its annual publication *Fisheries Statistics of the Philippines*. However, figures on imports and exports of fish and fish preparations are obtained from the Foreign Trade Division of the National Statistics Office (NSO).

Fishpond production is estimated based on a regional yearly average yield per hectare, computed on the basis of reports by Fishery district officers, and applied to the total land area of fishponds in operation. Estimates of production from municipal or sustenance fishing used to be derived by multiplying one-fifth of the total population by the average production per capita of two predetermined towns until 1980 when survey of fish landing centers was started to obtain production data.

Another important source of material on agriculture is *The Raw Material Resources Survey Bulletin*, Series No. 1, published by the National Economic Council (now National Economic and Development Authority) in June 1959. The NSO also collects data by means of agriculture censuses conducted at irregular intervals. Farm characteristics collected include: (1) area and number of agricultural holdings classified into different types, (2) aggregate area of field crops and number of holdings reporting them; (3) area and number of trees and vines of productive age and number of agricultural holdings reporting them; (4) number of livestock herd at a specific date; (5) area planted and production during the cropyear of key food and commercial crops; and (6) value and quantity of eggs and milk production.

Information on climate condition is also included in this sector as it affects crop production. Some of these data are on the frequency of tropical cyclones, average rainfall, average minimum and maximum temperature in the country's principal islands. Data on climatic conditions are compiled by the Philippine Atmospheric, Geophysical and Astronomical Services Administration.

Another input to agriculture is fertilizer. Included herein are data on its production, importation and consumption as compiled by the Fertilizer and Pesticide Authority. The other sources of data on agriculture are the Central Bank of the Philippines, Department of Agrarian Reform, and Cooperative Development Authority.

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**Table 5.1**  
**AGRICULTURAL AREA, PRODUCTION, AND VALUE, BY KIND OF CROP**  
**1983 to 1992**

ITEM	1983			1984		
	Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos
<b>AGRICULTURAL CROPS</b>	<b>12,386.8</b>	<b>61,689.7</b>	<b>50,972.6</b>	<b>12,589.1</b>	<b>61,865.8</b>	<b>90,275.5</b>
<b>A. CEREALS</b>	<b>6,186.3</b>	<b>10,429.0</b>	<b>15,620.4</b>	<b>6,389.3</b>	<b>11,079.2</b>	<b>27,384.7</b>
Palay	3,054.3	7,294.9	11,281.1	3,162.3	7,828.9	19,668.1
Corn	3,132.0	3,134.1	4,339.3	3,227.0	3,250.3	7,716.6
<b>B. MAJOR CROPS</b>	<b>4,907.0</b>	<b>43,492.9</b>	<b>25,962.9</b>	<b>4,963.9</b>	<b>43,322.9</b>	<b>51,247.4</b>
Coconut	3,201.3	12,368.3	8,163.1	3,222.9	11,737.6	22,184.1
Sugarcane	411.4	24,014.1	4,802.8	409.5	23,944.2	6,704.4
Banana	277.7	3,015.7	2,834.8	285.7	3,058.3	4,709.8
Pineapple	61.3	967.0	1,005.7	59.0	1,035.6	1,698.4
Coffee	132.2	122.1	2,091.6	138.3	124.7	3,674.9
Mango	52.0	303.3	1,747.0	52.7	339.3	3,104.6
Tobacco	66.8	86.3	720.6	70.0	98.1	1,253.7
Abaca	131.6	84.3	342.3	124.6	86.2	766.3
Rubber	76.5	96.0	370.6	77.8	140.7	769.6
Cacao	12.8	5.6	89.6	13.9	6.0	157.4
Cassava	175.5	1,151.9	760.3	201.5	1,491.1	1,506.0
Camote	150.6	731.4	724.1	149.7	692.9	1,039.4
Peanut	48.1	33.7	181.6	46.5	40.0	327.6
Mungo	33.6	24.9	158.4	33.8	25.1	269.3
Onion	6.5	42.5	449.7	7.8	52.5	467.8
Garlic	5.9	14.6	311.4	5.5	13.3	620.2
Tomato	15.3	133.3	382.6	16.3	149.0	657.1
Eggplant	14.2	112.1	281.4	14.7	110.4	407.4
Cabbage	6.0	63.0	149.9	5.9	62.1	328.5
Citrus b/	27.7	122.8	395.4	27.8	115.8	600.9
<b>C. OTHER CROPS</b>	<b>1,293.5</b>	<b>7,767.8</b>	<b>9,389.3</b>	<b>1,235.9</b>	<b>7,463.7</b>	<b>11,643.4</b>
Other fibercrops	97.8	245.7	392.5	81.9	198.5	474.8
Other rootcrops	147.0	245.9	350.6	125.5	197.8	319.3
Tubers	102.7	147.3	95.3	96.5	140.2	114.8
Spices	49.6	21.3	41.7	44.9	22.9	54.5
Fruit bearing Vegetables	348.9	2,677.8	3,050.5	326.2	2,503.4	3,295.1
Leafy/Stem Vegetables	151.4	1,108.9	1,110.1	147.0	1,092.0	1,475.7
Other Legumes	25.2	28.6	70.1	21.6	29.7	78.2
Other fruits	274.0	2,882.5	3,472.3	291.3	2,852.3	4,912.6
Others	96.9	409.80	806.2	101.0	426.9	918.4

P Preliminary

a/ Revised on the Sugar Regulatory Administration data.

b/ Includes calamansi, pomelo, mandarin, and orange.

Source: Bureau of Agricultural Statistics.

Table 5.1 (continued)

1985			1986			1987		
Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos
13,032.1	58,831.6	103,489.1	13,300.4	59,010.1	103,798.5	12,986.9	56,685.3	107,472.8
6,817.4	12,668.4	39,513.4	7,059.2	13,337.5	36,648.6	6,938.5	12,818.0	38,298.9
3,306.5	8,805.6	28,718.7	3,464.2	9,246.8	26,389.7	3,255.9	8,539.9	26,122.3
3,510.9	3,862.8	10,794.7	3,595.0	4,090.7	10,258.9	3,682.6	4,278.1	12,176.6
4,973.5	38,300.3	46,723.8	4,947.6	37,528.4	43,916.1	4,897.1	35,964.3	47,561.4
3,270.3	12,827.8	17,958.9	3,284.0	14,334.9	12,328.0	3,251.6	13,730.5	14,966.2
368.5	17,542.1	5,788.9	300.1	14,831.1	5,042.6	269.3	13,797.0	6,208.7
289.8	3,127.1	5,191.0	292.7	3,192.6	5,140.1	298.9	3,157.4	4,830.8
58.0	1,030.0	1,792.2	60.9	1,273.2	2,253.6	63.1	1,303.4	2,893.5
137.2	137.3	3,394.1	141.3	145.3	4,967.8	143.2	140.1	3,857.0
53.7	355.7	2,888.3	54.4	372.9	4,128.0	55.5	367.1	3,942.7
60.2	74.3	1,108.6	64.2	74.2	1,003.9	68.7	82.8	1,793.4
120.4	81.3	507.3	116.8	83.6	403.0	114.8	82.0	525.6
80.7	145.9	665.3	82.6	146.0	773.8	83.9	147.2	1,017.2
15.5	7.0	188.4	16.8	8.0	218.8	17.5	8.8	266.0
204.6	1,686.7	1,990.3	211.4	1,724.1	2,120.6	209.7	1,784.3	1,855.7
150.2	701.7	1,277.1	155.2	726.2	1,328.9	149.6	716.9	1,190.1
50.4	41.3	354.4	50.9	42.2	405.5	55.3	43.0	352.6
35.5	25.3	303.1	36.0	25.9	321.4	34.7	25.3	270.5
7.1	53.1	577.2	6.6	54.2	471.0	7.0	60.9	549.9
6.3	15.0	698.9	6.8	15.5	596.3	6.3	15.4	330.8
16.7	150.4	616.6	18.1	165.7	725.8	18.0	166.9	642.6
14.4	102.7	438.5	14.5	104.5	491.2	14.8	107.7	535.3
6.2	66.1	342.4	6.4	69.0	428.5	6.5	71.3	307.3
27.8	129.5	642.3	27.9	139.3	767.3	28.7	156.3	1,225.5
1,241.2	7,862.9	17,251.9	1,293.6	8,144.2	23,233.8	1,151.3	7,903.0	21,612.5
92.2	204.8	987.3	89.2	195.1	682.8	35.0	68.0	651.0
106.8	121.1	309.8	109.7	126.4	379.2	112.9	126.8	443.7
101.0	146.8	179.0	111.0	162.0	225.6	109.4	159.6	223.4
42.6	25.6	88.4	42.6	26.1	91.4	39.6	24.9	99.6
333.1	2,633.3	5,303.8	368.1	2,740.8	9,172.4	306.9	2,691.4	6,420.3
151.7	1,122.4	2,356.7	159.4	1,141.7	2,730.2	147.4	910.5	2,277.6
25.6	30.1	132.3	26.0	31.8	159.0	27.4	31.3	187.4
299.2	3,104.7	6,258.3	304.5	3,239.6	7,943.7	299.6	3,451.0	9,402.4
89.0	474.1	1,636.3	83.1	480.7	1,849.5	73.1	439.5	1,907.1

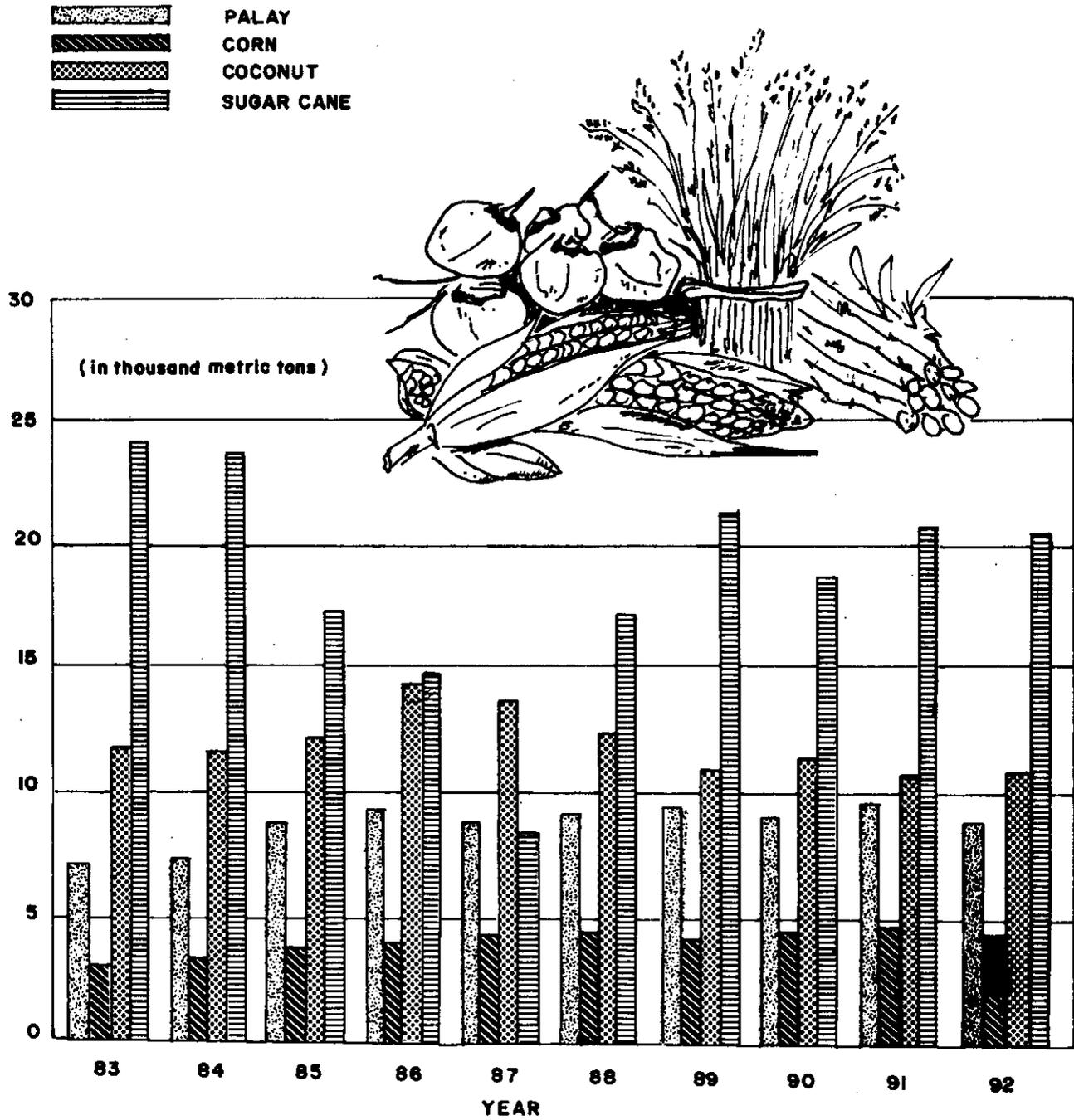
*Table 5.1 (continued)*  
**AGRICULTURAL AREA, PRODUCTION, AND VALUE, BY KIND OF CROP**  
**1983 to 1992**

ITEM	1988			1989		
	Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos
<b>AGRICULTURAL CROPS</b>	<b>13,127.6</b>	<b>59,700.4</b>	<b>125,313.1</b>	<b>13,147.1</b>	<b>64,207.1</b>	<b>144,407.1</b>
<b>A. CEREALS</b>	<b>7,137.8</b>	<b>13,399.0</b>	<b>43,186.0</b>	<b>7,186.5</b>	<b>13,981.0</b>	<b>57,463.2</b>
Palay	3,392.7	8,971.0	30,612.6	3,497.3	9,458.8	39,359.6
Corn	3,745.1	4,428.0	12,573.4	3,689.2	4,522.2	18,103.6
<b>B. MAJOR CROPS</b>	<b>4,792.5</b>	<b>38,027.4</b>	<b>57,907.0</b>	<b>4,725.0</b>	<b>41,648.1</b>	<b>66,703.4</b>
Coconut	3,221.8	12,481.8	19,222.0	3,110.4	11,810.4	22,439.8
Sugarcane	215.7	17,275.0	9,202.4	261.7	21,424.8	12,854.9
Banana	294.6	3,067.3	4,754.3	295.5	3,190.3	5,008.8
Pineapple	60.5	1,181.2	3,768.0	61.0	1,178.8	5,328.2
Coffee	142.5	141.9	3,881.0	143.2	155.9	3,325.3
Mango	55.7	361.1	4,954.3	56.4	370.1	3,797.2
Tobacco	61.4	76.4	1,333.2	63.3	79.9	2,044.6
Abaca	108.3	84.1	736.7	107.7	88.4	901.7
Rubber	84.6	156.4	828.9	86.1	171.9	825.1
Cacao	17.7	9.1	218.5	18.2	9.4	181.0
Cassava	217.1	1,865.9	2,276.4	213.1	1,846.9	2,696.5
Camote	144.1	695.0	1,237.1	138.3	660.3	1,439.5
Peanut	51.0	39.9	345.9	50.4	37.6	376.4
Mungo	36.7	26.6	316.8	35.7	25.1	376.8
Onion	5.8	45.9	420.9	6.5	65.3	592.3
Garlic	5.6	14.1	905.8	6.1	17.2	1,159.5
Tomato	18.4	167.9	851.3	19.7	178.7	750.5
Eggplant	15.3	109.8	563.3	15.4	111.6	698.6
Cabbage	6.4	70.3	357.1	6.9	75.9	496.4
Citrus b/	29.3	157.7	1,733.1	29.4	149.6	1,410.3
<b>C. OTHER CROPS</b>	<b>1,197.3</b>	<b>8,274.0</b>	<b>24,220.1</b>	<b>1,235.6</b>	<b>8,578.0</b>	<b>20,240.5</b>
Other fibercrops	40.0	76.0	727.1	37.0	64.6	696.4
Other rootcrops	113.5	127.5	463.6	108.0	121.3	346.0
Tubers	122.0	198.0	309.5	125.7	214.0	261.1
Spices	35.3	25.5	210.7	35.9	26.3	967.5
Fruit bearing Vegetables	304.1	2,680.6	7,494.2	313.2	2,887.6	6,346.9
Leafy/Stem Vegetables	157.1	1,058.0	2,484.5	166.7	1,097.2	2,067.1
Other Legumes	28.5	32.0	189.3	30.2	34.0	160.1
Other fruits	316.8	3,595.2	10,271.9	331.7	3,639.3	7,687.0
Others	80.0	481.2	2,069.3	87.2	493.7	1,708.4

Table 5.1 (continued)

1990			1991			1992 P		
Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos	Area '000 ha.	Quantity '000 m.t.	Value million pesos
13,097.6	61,566.4	153,925.1	12,983.4	64,109.3	164,041.1	12,510.5	63,487.9	169,751.4
7,138.3	14,173.3	63,500.3	7,014.5	14,328.2	60,993.5	6,520.7	13,687.6	64,422.4
3,318.7	9,319.4	43,987.6	3,425.0	9,673.3	43,723.8	3,198.1	9,128.9	43,270.5
3,819.6	4,853.9	19,512.7	3,589.5	4,654.9	17,269.7	3,322.6	4,558.7	21,151.9
4,699.5	38,684.5	64,759.6	4,715.9	41,091.1	72,543.1	4,734.2	41,052.8	76,299.7
3,112.0	11,940.4	18,746.4	3,093.3	11,290.9	18,968.7	3,093.0	11,404.9	22,011.5
235.3	18,666.9	11,386.8	271.5	21,824.5	14,622.4	267.0	21,511.3	13,552.1
300.2	2,913.3	7,254.1	311.3	2,951.1	9,709.1	317.4	3,059.2	10,676.6
59.7	1,155.8	4,773.5	57.6	1,117.1	4,691.8	58.4	1,135.2	5,063.0
143.2	134.1	2,983.7	143.1	133.4	3,157.6	142.0	127.6	2,655.4
56.7	337.6	4,324.7	56.9	307.0	4,454.6	57.0	330.1	4,538.9
64.6	81.7	2,131.6	67.9	85.2	2,626.7	92.0	116.7	3,203.3
106.7	80.5	891.9	107.4	85.2	1,226.9	107.0	84.3	1,461.8
86.3	185.4	1,062.3	88.0	180.7	1,201.7	84.2	172.5	1,140.2
18.4	9.8	263.5	17.1	9.6	265.8	17.2	9.7	274.2
213.8	1,854.0	3,467.0	211.0	1,815.7	3,921.9	204.3	1,797.8	3,409.2
136.7	668.9	1,792.7	136.6	662.3	2,125.9	137.1	677.2	2,556.3
44.5	34.8	388.7	39.1	31.4	413.5	44.6	34.0	414.8
36.7	26.7	454.2	34.3	25.1	399.8	32.7	23.2	392.1
6.4	61.5	497.5	6.4	60.3	604.8	5.8	55.5	551.1
6.3	17.9	764.9	4.4	12.4	494.5	4.2	11.8	874.0
20.0	184.0	833.5	19.5	177.2	926.8	18.2	165.4	803.8
16.4	112.7	688.6	14.5	104.0	638.6	15.5	110.4	688.9
6.4	68.3	538.2	6.9	75.8	557.1	7.5	83.2	633.2
29.2	150.2	1,515.8	29.1	142.2	1,534.9	29.1	142.8	1,399.3
1,259.8	8,708.6	25,665.2	1,253.0	8,690.0	30,504.5	1,255.6	8,747.5	29,029.3
33.4	58.4	1,153.4	31.5	55.1	729.5	33.0	57.8	665.9
109.6	132.3	430.2	107.6	128.7	519.0	109.2	129.3	494.4
135.7	201.4	330.0	134.9	198.4	394.9	132.8	199.3	376.3
38.6	27.0	1,202.7	36.1	26.5	1,454.9	36.9	26.7	1,382.5
328.0	2,910.2	6,788.2	314.5	2,820.2	8,861.3	313.9	2,831.3	8,443.9
171.2	1,080.2	2,506.3	172.8	1,124.6	3,062.3	174.5	1,134.5	2,917.8
30.5	34.3	198.2	31.1	35.0	240.2	31.2	35.3	228.9
327.7	3,764.9	10,880.9	338.1	3,794.3	12,648.2	339.2	3,820.2	12,048.5
85.1	499.9	2,175.3	86.4	507.2	2,594.2	84.9	513.1	2,471.1

Figure 5.1 Production Trend for Selected Agricultural Crops: 1983 to 1992



**Table 5.2**  
**QUANTITY AND VALUE OF TEN TRADITIONAL AGRICULTURAL EXPORTS**  
*(Quantity in thousand metric tons; Value in million FOB US\$)*  
**1982 to 1991**

Traditional Products	1982		1983		1984		1985		1986	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	1,247.5	416.0	962.8	299.3	877.2	327.6	571.6	168.7	222.0	86.8
Coconut oil	921.2	401.0	998.3	515.8	587.6	580.2	650.6	347.4	1,249.4	332.8
Banana	926.7	146.1	643.4	104.7	799.6	122.3	789.3	113.5	855.7	130.2
Pineapple in syrup	170.9	87.6	145.7	73.6	170.9	87.1	185.1	88.8	172.1	83.5
Copra Cake or meal	588.6	72.1	550.8	72.0	364.4	41.1	443.7	35.5	821.6	74.8
Desiccated coconut	90.3	68.3	89.4	87.9	76.6	106.0	64.8	75.7	68.0	44.3
Tuna, Frozen except fillet	34.3	64.3	37.7	71.0	35.2	61.2	37.4	61.1	35.6	63.1
Coffee, raw or green, not roasted	24.6	49.4	21.5	46.7	32.9	76.2	30.7	68.5	42.6	118.8
Copra	177.7	49.2	16.1	44.4	0.0	0.0	0.0	0.0	125.3	17.5
Abaca (in '000 bales)	270.0	20.1	239.4	18.0	251.4	33.0	195.3	16.5	197.2	13.0

Traditional Products	1987		1988		1989		1990		1991	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	162.9	60.3	142.6	60.2	210.3	80.0	247.0	113.4	274.1	114.6
Coconut oil	1,031.2	380.5	792.9	408.2	763.5	376.8	1,134.5	360.7	839.9	298.5
Banana	775.0	121.2	866.8	146.0	851.1	146.2	839.8	149.3	955.4	173.0
Pineapple in syrup	183.7	86.3	182.8	83.2	191.5	91.3	179.1	88.7	194.3	95.1
Copra Cake or meal	743.3	73.4	531.1	63.4	477.1	53.5	643.9	54.0	612.4	54.9
Desiccated coconut	95.2	75.3	88.1	78.3	94.5	78.0	75.3	60.7	80.7	66.2
Tuna, Frozen except fillet	37.3	69.9	47.4	113.2	52.1	1130.0	44.7	95.2	46.1	104.5
Coffee, raw or green, not roasted	16.5	33.1	26.5	49.9	25.0	42.0	9.1	8.0	4.6	4.7
Copra	128.7	31.9	80.3	28.0	79.5	25.2	97.3	20.5	80.7	18.6
Abaca (in '000 bales)	184.3	11.8	191.5	16.3	179.6	17.6	177.3	16.5	166.7	16.6

Source: Foreign Trade Statistics, NSO.

**Table 5.3**  
**VALUE OF TEN TRADITIONAL AGRICULTURAL IMPORTS**  
*(In million FOB US\$)*  
**1982 to 1991**

Traditional Products	1982	1983	1984	1985	1986
Cereals and Cereal					
Preparations	242.03	248.55	245.02	278.06	168.31
Fertilizers, Manufactured	107.99	90.91	87.99	105.59	83.41
Dairy Products and					
Bird Eggs	1166.81	28.21	65.59	134.91	98.22
Feeding Stuff for Animals					
Excluding Unmilled Cereals	111.36	80.84	92.07	47.04	87.05
Tobacco and Tobacco					
Manufactures	53.13	58.32	28.79	65.16	65.90
Coffee, Tea, Cocoa, Spices					
and Manufactures	42.89	20.86	6.09	8.74	3.70
Fish, Crustaceans, Mollusks					
and Preparations	52.29	11.14	2.70	6.28	18.90
Meat and Meat Preparations	20.34	12.94	2.27	3.48	3.67
Vegetables and Fruits	15.20	14.24	5.89	7.98	16.43
Fixed Vegetable Oil					
and Fats	9.67	19.05	27.08	7.66	8.39

Traditional Products	1987	1988	1989	1990	1991
Cereals and Cereal					
Preparations	134.41	228.25	338.64	470.87	226.25
Fertilizers, Manufactured	89.24	107.74	103.69	134.07	131.06
Dairy Products and					
Bird Eggs	149.54	161.44	216.56	252.84	210.73
Feeding Stuff for Animals					
Excluding Unmilled Cereals	97.64	166.50	176.97	173.91	152.95
Tobacco and Tobacco					
Manufactures	94.39	78.10	65.50	65.36	81.80
Coffee, Tea, Cocoa, Spices					
and Manufactures	5.44	8.10	13.72	21.70	23.65
Fish, Crustaceans, Mollusks					
and Preparations	30.96	35.39	36.52	47.93	62.19
Meat and Meat Preparations	6.93	9.80	17.76	20.51	16.81
Vegetables and Fruits	18.08	36.85	51.00	50.25	37.08
Fixed Vegetable Oil					
and Fats	8.99	12.49	18.39	18.43	16.25

Source: National Statistics Office

**Table 5.4**  
**QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF PRODUCTION**  
*(Quantity in thousand metric tons and Value in million pesos)*  
**1950 to 1992**

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	1,268.4	5,569.7	480.8	2,389.5	684.5	2,395.7	113.2	784.4
1975	1,336.8	5,919.1	498.6	2,549.0	731.7	2,561.0	106.5	809.1
1976	1,393.5	7,297.9	508.2	2,697.8	726.0	2,308.0	159.3	1,192.2
1977	1,508.9	8,809.2	518.2	3,543.2	827.7	4,015.1	163.6	1,250.9
1978	1,580.4	9,477.2	505.8	3,465.2	857.9	4,810.5	216.7	1,201.6
1979	1,581.3	10,536.7	500.7	3,512.2	839.3	5,364.2	241.2	1,660.2
1980	1,872.2	11,644.4	488.5	3,784.7	894.6	6,017.8	289.2	1,841.9
1981	1,772.9	13,953.8	494.8	4,124.6	938.6	6,963.7	339.5	2,865.5
1982	1,897.0	15,064.0	526.3	4,355.2	978.3	7,315.5	392.3	3,393.3
1983	2,110.2	18,981.5	519.3	4,642.7	1,145.8	9,539.6	445.1	4,799.2
1984	2,080.4	25,649.9	513.3	6,521.2	1,089.2	11,862.8	477.9	7,265.9
1985	2,052.1	31,297.3	512.0	7,857.2	1,045.4	14,715.7	494.7	8,724.4
1986	2,089.5	37,331.5	546.2	9,247.9	1,072.4	17,251.5	470.9	10,832.2
1987	2,213.0	37,349.4	591.2	9,820.7	1,060.9	16,107.5	560.9	11,313.6
1988	2,299.7	42,118.2	600.0	10,272.0	1,068.5	16,633.1	599.5	15,213.0
1989	2,371.1	45,093.7	637.0	11,033.4	1,104.6	18,387.7	629.3	15,672.6
1990	2,503.4	52,177.2	700.6	12,410.6	1,131.9	19,300.1	671.1	20,466.5
1991	2,599.0	60,033.3	759.8	15,244.6	1,146.8	22,132.6	692.4	22,656.1
1992	2,625.6	65,443.5	804.9	16,800.6	1,084.3	22,656.4	736.4	25,986.5

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 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 5.5**  
**EXPORTS OF FISHERY PRODUCTS BY KIND, QUANTITY AND VALUE**  
*(Quantity in metric tons; Value in thousand pesos)*  
**1976 to 1990**

Year	TOTAL EXPORTS		Fish and Fish Preparation		Shell and by-products		Misc. Fishery Products and by-products	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1976	23,654	330,293	12,575	169,052	6,702	138,162	4,377	23,079
1977	37,534	395,365	23,313	261,013	7,496	106,294	6,725	28,058
1978	48,438	532,223	27,833	351,069	5,725	112,348	14,880	68,806
1979	64,890	781,736	42,098	587,515	5,147	108,268	17,645	85,953
1980	76,179	939,294	56,211	750,039	4,310	97,741	15,658	91,514
1981	83,736	83,736	62,327	1,044,323	4,118	102,530	17,291	104,289
1982	68,265	1,119,735	47,210	920,176	3,118	92,797	17,937	106,762
1983	75,589	1,592,882	53,019	1,283,289	3,376	133,728	19,194	175,865
1984	63,055	2,179,380	47,888	1,723,331	1,974	303,674	13,193	152,375
1985	626,077	3,496,096	589,958	2,752,053	6,399	284,984	29,720	459,059
1986	101,453	4,863,056	60,662	3,985,285	7,663	327,923	33,128	549,848
1987	111,830	6,441,805	70,757	5,452,510	9,680	433,062	31,393	556,233
1988	128,903	9,599,433	91,304	8,543,892	10,137	463,383	27,462	592,158
1989	145,099	10,248,362	104,652	8,857,523	9,056	493,840	31,397	897,000
1990	143,049	11,528,727	103,211	9,658,538	4,351	551,153	35,487	1,319,036

Source: National Statistics Office

**Table 5.6**  
**IMPORTS OF FISHERY PRODUCTS BY KIND, QUANTITY AND VALUE**  
*(Quantity in metric tons; Value in thousand pesos)*  
**1976 to 1990**

Year	TOTAL EXPORTS		Canned		Fresh, Frozen Chilled		Fish meal		Salted, dried smoked, etc.	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1976	64,111	266,021	45,360	225,696	13	335	18,727	39,543	11	447
1977	38,557	205,082	26,401	164,920	23	518	12,118	38,804	15	840
1978	47,955	229,529	29,768	174,061	22	439	18,134	54,177	31	852
1979	45,874	207,039	22,446	142,585	39	1,549	23,360	61,554	29	1,351
1980	53,401	274,078	28,755	197,344	17	960	24,621	75,232	8	542
1981	46,851	288,434	30,323	232,111	20	1,297	16,499	54,523	9	503
1982	83,445	443,678	36,203	310,726	6,180	12,997	41,052	119,296	10	659
1983	23,038	110,909	5,397	54,817	3,524	11,150	14,096	43,507	21	1,435
1984	6,097	50,269	12	356	1,260	17,368	4,816	30,712	9	1,833
1985	28,755	118,181	207	5,131	5,283	20,399	23,252	91,335	13	1,316
1986	69,085	385,658	601	14,509	32,270	161,786	36,175	206,419	39	2,944
1987	104,936	817,382	892	199,632	66,535	300,221	37,474	315,121	35	2,408
1988	164,575	1,312,468	2,901	54,295	113,860	680,511	47,784	574,271	29	3,391
1989	197,965	1,424,133	3,815	69,339	136,860	717,137	57,227	629,883	762	7,774
1990	196,155	1,853,743	4,907	91,679	130,995	1,090,506	60,165	666,585	48	4,973

Source: National Statistics Office.

**Table 5.7**  
**AQUACULTURE PRODUCTION AND VALUE BY TYPE**  
**1983 to 1992**

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<b>QUANTITY</b> (in thousand metric tons)										
Total Aquaculture	445	478	495	470	562	604	630	671	692	736
Brackishwater fishpond	184	199	199	207	235	240	254	268	291	314
Freshwater fishpond	12	13	16	16	30	33	34	36	38	41
Fish Pen	83	82	52	41	36	29	24	24	26	28
Fish Cage	5	7	7	9	18	18	20	21	24	29
Oyster	11	15	15	16	10	12	13	13	12	13
Mussel	18	20	23	12	12	16	16	18	17	17
Seaweed	132	142	183	169	221	256	269	291	284	294
<b>VALUE</b> (in million pesos)										
Total Aquaculture	4,799	7,265	8,726	10,832	11,422	15,215	15,712	20,466	22,646	25,986
Brackishwater Fishpond	3,123	5,117	6,522	8,682	9,131	12,756	12,878	16,762	18,449	21,406
Freshwater Fishpond	112	167	282	365	612	748	855	1,333	1,350	1,526
Fish Pen	1,107	1,357	1,203	1,035	732	574	654	685	815	907
Fish Cage	37	86	136	223	361	417	479	570	676	795
Oyster	49	95	78	86	53	75	89	126	109	117
Mussel	120	162	201	107	102	140	152	194	207	190
Seaweed	251	281	304	334	431	505	605	796	1,040	1,045

Source: Bureau of Agricultural Statistics

**Table 5.8**  
**PROJECTED COMPREHENSIVE AGRARIAN REFORM PROGRAM BY REGION**  
**BY REGION, AREA AND BENEFICIARIES**  
*(Area in hectares)*  
**1987 to 1997**

Region	TOTAL		Phase I		Phase II		Phase III	
	Area	Benefi- ciaries	Area	Benefi- ciaries	Area	Benefi- ciaries	Area	Benefi- ciaries
PHILIPPINES	10,295,600	3,901,270	1,054,800	631,673	7,659,803	2,742,600	1,580,997	526,997
CAR	251,796	91,277	6,279	3,760	229,705	82,246	15,812	5,271
Region 1	385,045	148,120	46,555	27,880	299,798	107,343	38,692	12,897
Region 2	573,218	212,092	37,826	22,652	444,066	158,998	91,326	30,442
Region 3	806,199	354,246	281,203	168,400	438,859	157,134	86,137	28,712
Region 4	1,426,588	522,125	71,577	42,864	1,116,220	399,664	238,791	79,597
Region 5	900,439	343,684	106,227	63,615	620,301	222,099	173,911	57,970
Region 6	710,096	269,854	78,704	47,132	495,940	177,572	135,452	45,150
Region 7	589,029	222,387	57,431	34,393	436,731	156,372	94,867	31,622
Region 8	768,492	293,154	98,150	58,778	442,173	158,320	228,169	76,056
Region 9	791,876	284,941	18,104	10,842	654,376	234,300	119,396	39,799
Region 10	953,347	354,585	69,945	41,887	737,573	264,089	145,829	48,609
Region 11	1,025,366	393,948	126,688	75,868	749,296	268,286	149,382	49,794
Region 12	1,114,109	410,857	56,111	33,602	994,765	356,177	63,233	21,078

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

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

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

Source: Department of Agrarian Reform

**Table 5.9.**  
**LAND ACQUISITION AND DISTRIBUTION, BY LAND TYPE AND BY REGION**  
*Areas in hectares*  
**1992**

Region	Operation Land Transfer		Government-Owned Lands 1_/		Settlements and Landed Estates		Private Agricultural Lands 2_/	
	Area	FB	Area	FB	Area	FB	Area	FB
Philippines	31,747	26,413	89,173	38,541	65,222	29,209	85,732	51,058
CAR	12	12	3,488	2,970	-	-	1,591	1,296
1	1,163	3,473	377	330	32	82	6,134	6,627
2	4,748	4,661	7,330	2,926	6,708	605	8,444	4,461
3	14,923	10,732	616	374	15,209	17,566	1,346	912
4	1,789	1,305	4,933	2,118	2,713	1,381	11,852	7,238
5	674	712	4,806	2,606	3,242	1,553	4,091	2,150
6	1,861	1,990	19,060	5,231	3,776	882	10,304	6,133
7	1,459	1,668	4,573	4,698	1,498	742	665	1,854
8	295	463	5,536	4,303	2,967	1,412	4,068	2,023
9	381	173	19,636	5,927	5,924	424	15,203	4,959
10	1,046	470	11,900	4,297	5,645	664	6,733	4,088
11	1,249	224	4,829	2,263	2,314	1,417	12,933	8,273
12	2,147	530	2,089	498	15,194	2,481	2,368	1,044

1\_/ Includes PCGG sequestered and surrendered lands.

2\_/ Includes idle and abandoned lands.

FB - Farmer Beneficiaries

Source: Department of Agrarian Reform

**Table 5.10**  
**AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTIONS**  
*(In million pesos)*  
**1960 to 1992**

Year	Commercial banks	Development banks	Rural banks	Agricultural banks
1960	438.7	77.4	50.8	...
1965	986.9	53.7	215.4	...
1970	1,928.0	64.9	496.6	...
1971	2,141.4	61.5	609.7	...
1972	2,093.9	100.0	708.6	...
1973	2,347.5	160.2	976.9	...
1974	5,135.9	255.7	1,669.5	...
1975	8,388.4	822.4	2,177.5	...
1976	7,876.8	892.9	1,658.7	...
1977	5,517.1	624.6	1,799.1	0.7
1978	...	617.2	2,384.8	0.3
1979	...	830.3	2,950.4	1.0
1980	2,454.1	833.5	3,257.3	1.3
1981	18,916.6	1,099.6	3,729.9	1.8
1982	20,846.6	1,047.4	4,306.8	4.7
1983	22,475.9	431.2	4,610.3	29.5
1984	25,439.3	426.4	3,361.8	20.2
1985	24,204.0	414.4	2,777.9	32.0
1986	21,307.5	936.5	2,948.2	34.2
1987	21,897.5	1,144.8	3,456.4	2.2
1988	26,013.3	1,652.6	3,854.9	...
1989	23,192.8	1,693.6	5,444.0	...
1990	31,583.6	1,588.9	1,334.4 a/	...
1991	37,691.0	2,014.7	2,150.5	...
1992	40,250.5	947.0 b/	1,339.9	...

a\_/ reduced number of banks due to closure.

b\_/ Data from January - June, 1992.

1977 onwards includes Agriculture, Fishery and Forestry.

Source: Central Bank of the Philippines

**Table 5.11**  
**OUTSTANDING AGRICULTURAL LOANS BY FINANCIAL INSTITUTIONS**  
*(In million pesos)*  
**1960 to 1992**

End of period	Commercial banks	Development banks	Rural banks	Agricultural banks
1960	408.3	153.7	42.5	...
1965	861.6	243.5	167.4	...
1970	1,472.9	413.7	407.8	...
1971	1,487.8	414.7	485.0	...
1972	1,504.0	645.7	573.0	...
1973	1,970.1	716.1	825.2	...
1974	2,378.6	877.0	1,334.0	...
1975	...	1,463.8	2,202.5	...
1976	...	2,071.6	2,357.2	...
1977	5,447.6	2,392.5	2,597.1	0.3
1978	5,770.3	2,556.2	3,114.6	0.1
1979	8,120.2	2,830.0	3,773.8	0.5
1980	12,009.7	3,211.6	4,241.2	0.6
1981	11,120.1	3,585.1	4,876.6	0.8
1982	12,690.9	4,337.3	5,770.6	1.4
1983	16,001.2	3,879.6	6,514.9	3.0
1984	10,514.4	3,638.5	6,039.7	3.6
1985	10,448.8	2,329.6	5,555.7	19.7
1986	14,007.2	3,288.5	5,471.7	23.4
1987	12,425.1	3,107.8	5,504.0	15.1
1988	13,606.0	3,076.5	5,769.6	...
1989	13,938.0	2,970.8	6,086.6	...
1990	16,350.8	3,915.4	6,429.4	...
1991	13,661.4	3,183.6	6,826.1	...
1992	24,688.4	3,759.2	7,855.6	...

Note: 1960 to 1974 loans outstanding of commercial banks refer to agricultural crop production only.  
1977 onwards includes Agriculture, Fishery and Forestry.

Source: Central Bank of the Philippines

**Table 5.12**  
**PHILIPPINE RICE EXPORT BY COUNTRY OF DESTINATION**  
**1980 to 1992**

Year	Country of destination	Volume (metric tons)	Value (million U.S.\$)
1980		230,624.95	64.48
	Indonesia	97,175.00	27.89
	Malaysia	26,450.00	7.64
	Brazil	63,499.95	18.19
	Senegal	11,000.00	2.09
	Africa/Tradax	9,500.00	3.37
	Singapore	2,000.00	0.75
	Vietnam	21,000.00	4.55
1981		83,300.00	26.32
	Vietnam	9,000.00	1.96
	Indonesia	63,800.00	20.42
	Brazil	10,500.00	3.94
1982		152.00	0.06
	Germany	60.00	0.02
	Australia	87.42	0.03
1983		39,760.00	9.29
	Australia	76.00	0.03
	Indonesia	24,191.68	5.64
	Israel	2,260.00	0.52
	Papua New Guinea	709.00	0.22
	Noumea, N.C.	323.78	0.08
	Brazil	12,000.00	2.74
	U.S.A.	200.00	0.06
1984		737.60	0.23
	U.S.A.	36.10	0.01
	Papua, New Guinea/R.G.	701.50	0.22
1985	NO EXPORTATION		
1986	NO EXPORTATION		
1987	Indonesia a/	111,000.00	24.42
1988	NO EXPORTATION		
1989	NO EXPORTATION		
1990	NO EXPORTATION		
1991	Indonesia a/	10,000.00	2.34
1992	Indonesia a/	29,672.33	6.91

a/ Loan Repayment

Note: Does not include 56.844 MT rice transferred by NFA to FTI intended for FTI's exports to the USA.

Source: National Food Authority

**Table 5.13**  
**PHILIPPINE RICE IMPORTS BY COUNTRY OF ORIGIN**  
**1980 to 1992**

Year	Country of destination	Volume (metric tons)	Value (million U.S.\$)
1980	NO IMPORTATION		
1981	NO IMPORTATION		
1982	NO IMPORTATION		
1983	NO IMPORTATION		
1984		191,020.00	44.163
	Thailand	108,775.00	
	China	82,245.00	
1985		540,927.00	122.88
	Thailand	138,277.00	
	Taiwan	111,791.00	
	China	99,324.00	
	U.S. (PL 480)	151,851.00	
	Indonesia	39,684.00	
1986		5,979.00	NCV
	Burma a/	2,318.00	
	Australia a/	3,661.00	
1987	NO IMPORTATION		
1988		181,167.16	
	PL 480 (Title I)	95,094.44	29.10
	PL 480 (Title II)	55,155.65	21.00
	China a/	9,969.54	NCV
	Spanish Government a/	835.00	NCV
	Australian Donation a/	20,112.53	NCV
1989		219,928.70	
	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
	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		
1992	NO IMPORTATION		

a/ Donation

NCV - No Current Value

Source: National Food Authority

**Table 5.14**  
**TOTAL INVENTORY OF LIVESTOCK AND POULTRY BY KIND**  
*(In thousand heads)*  
**1950 to 1992**

Year	Livestock				Poultry	
	Carabao	Cattle	Goat	Hog	Chicken	Duck
1950	1,903	698	355	3,899	25,235	709
1955	3,279	806	459	5,289	44,584	1,696
1960	3,696	1,110	617	6,573	52,335	2,231
1965	3,346	1,560	606	6,938	56,929	1,478
1970	4,432	1,679	772	6,456	56,999	2,132
1971	4,556	1,795	924	7,050	56,512	2,352
1972	4,711	1,933	1,083	7,742	50,103	2,600
1973	4,937	2,099	1,248	8,627	49,965	2,906
1974	...	...	...	...	...	...
1975	...	...	...	...	...	...
1976	2,725	1,737	785	6,489	45,671	4,104
1977	2,897	1,723	1,104	5,696	45,291	4,228
1978	2,959	1,820	1,290	6,910	58,892	5,365
1979	2,803	1,833	1,374	7,445	49,320	5,338
1980	2,850	1,883	1,691	7,934	52,568	4,667
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	622,253	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	65,913	6,501
1990	2,765	1,629	2,193	7,990	69,528	7,236
1991	2,647	1,676	2,102	8,006	65,491	8,268
1992 P	2,577	1,658	2,240	8,022	63,127	8,512

P Preliminary

Sources: 1950 to 1986, Bureau of Agricultural Economics  
1987 to 1990, Bureau of Agricultural Statistics

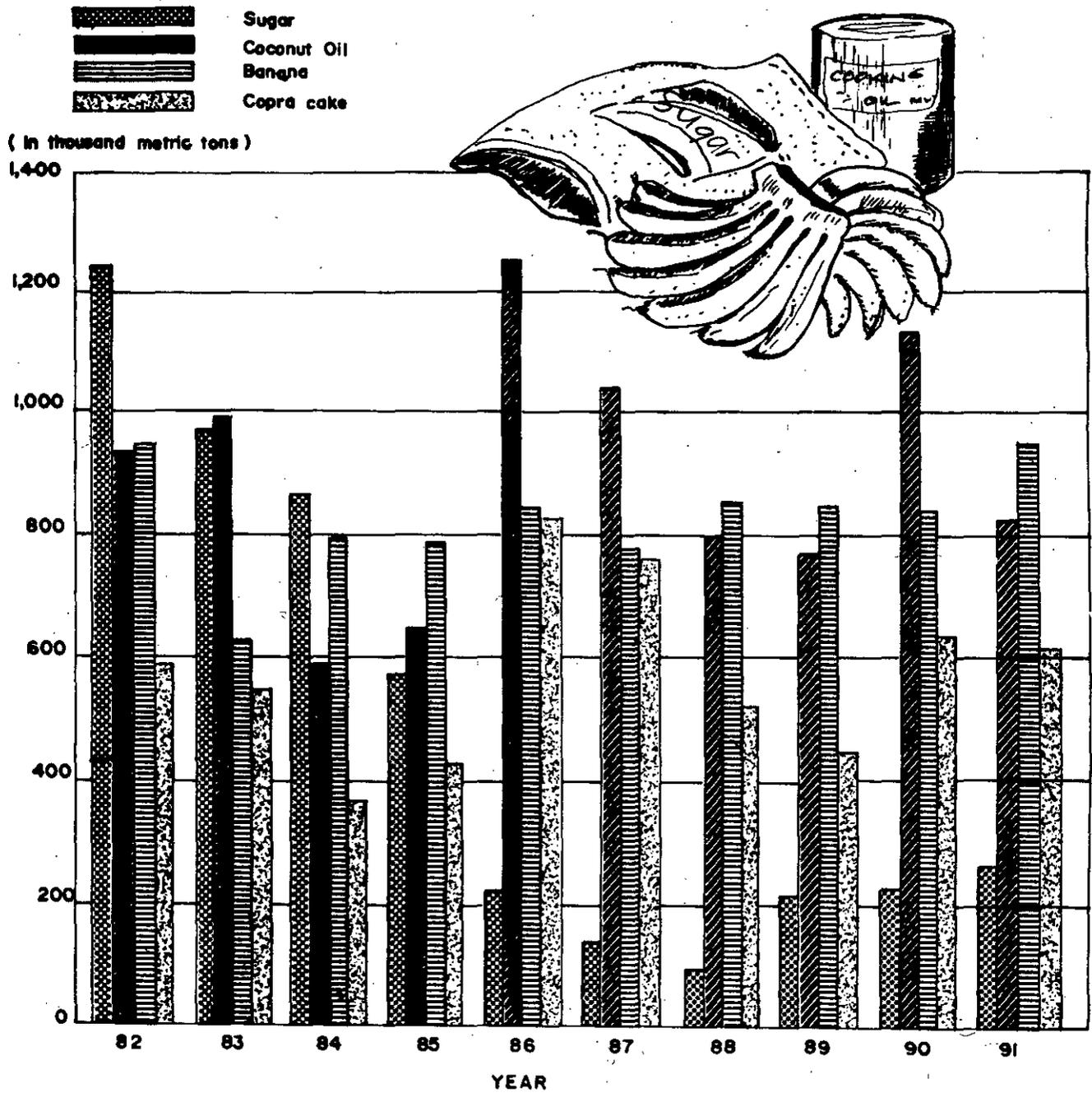
**Table 5.15**  
**NUMBER OF ANIMALS SLAUGHTERED BY KIND**  
*In thousand heads)*  
**1955 to 1992**

Year	Carabao	Cattle	Hog	Horse	Goat	Chicken
1955	37	340	4,808	...	134	24,263
1960	103	247	4,808	...	155	26,779
1965	117	319	6,700	...	174	28,882
1970	118	366	5,489	...	293	30,329
1971	154	381	4,818	...	325	31,318
1972	173	291	1,871	...	112	...
1973	272	342	2,665	11	75	11,758
1974	310	312	2,717	12	78	20,315
1975	212	300	3,062	9	60	10,589
1976	200	258	2,525	4	145	16,513
1977	175	181	1,919	7	115	12,928
1978	161	200	2,036	6	68	9,982
1979	148	198	1,564	4	68	18,049
1980	191	278	3,181	5	52	19,488
1981	66	244	3,890	11	58	26,420
1982	88	302	3,713	8	84	32,522
1983	94	361	4,006	5	96	54,455
1984	129	280	4,258	2	82	47,779
1985	89	286	3,347	4	136	15,557
1986	139	471	4,267	6	187	73,062
1987	190	315	3,633	3	117	28,941
1988	210	342	4,215	3	104	64,048
1989	199	290	3,676	4	124	61,018
1990	230	380	5,620	23	141	77,964
1991	201	379	5,486	5	136	85,937
1992	212	387	5,472	5	145	96,234

Note: Animals slaughtered in slaughter houses and dressing plants.

Source: National Meat Inspection Commission.

Figure 5.2 Quantity of Selected Principal Agricultural Exports: 1982 to 1991



**Table 5.16**  
**RAINFALL IN THE PHILIPPINES BY MONTH AND BY SELECTED STATIONS**  
*(In millimeters)*  
**January 1976 to December 1991**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>LAOAG</b>												
1976	T	T	T	3.3	253.9	284.1	211.1	173.3	154.7	63.4	11.8	0.0
1977	9.6	T	0.0	20.4	33.2	189.0	455.8	627.6	621.8	0.0	86.0	0.0
1978	0.0	0.0	0.0	51.6	118.5	427.2	227.8	443.7	259.1	107.2	41.5	0.0
1979	0.0	T	0.0	15.9	420.7	95.0	525.6	494.8	114.4	79.6	17.3	6.0
1980	38.8	0.0	0.0	0.0	89.5	80.2	579.5	124.9	475.9	110.2	79.3	T
1981	0.5	0.0	0.0	0.2	230.6	507.2	305.8	508.3	235.3	93.7	31.6	0.0
1982	0.0	0.0	T	0.8	67.8	345.6	772.8	613.9	160.3	36.8	28.2	15.8
1983	0.3	12.2	26.0	2.2	27.7	249.0	196.6	621.7	353.4	80.6	T	4.0
1984	0.0	0.0	0.0	285.2	178.2	248.7	197.4	716.3	60.4	13.8	10.8	21.3
1985	0.0	0.0	0.0	T	184.0	1069.5	41.3	1015.4	134.9	367.4	23.8	2.2
1986	16.5	0.1	0.0	0.0	540.6	88.0	349.3	1146.1	514.7	57.7	59.7	T
1987	0.0	0.0	0.0	1.0	0.0	250.6	263.8	291.2	243.8	315.1	0.2	3.1
1988	5.3	2.0	0.0	8.0	171.0	293.3	554.6	266.2	238.9	62.3	1.1	T
1989	T	0.2	2.0	9.0	80.7	152.2	446.0	494.1	11,526.0	136.0	T	0.6
1990	8.6	0.6	0.0	17.6	389.0	564.5	320.7	1026.7	539.0	29.6	1.9	0.2
1991	1.0	T	T	T	3.3	163.8	734.1	511.8	402.6	247.3	14.1	0.0
<b>DAGUPAN</b>												
1976	15.5	21.9	19.1	5.6	862.7	630.8	334.0	382.6	498.5	69.0	T	T
1977	53.3	T	11.2	70.3	101.3	175.8	302.0	524.3	546.6	31.5	247.7	0.0
1978	0.0	0.0	0.0	32.4	141.5	353.1	493.7	1059.6	309.7	204.5	75.5	1.0
1979	0.0	0.0	T	70.1	440.8	125.5	312.2	648.6	224.5	216.0	5.8	3.1
1980	1.0	3.3	24.1	5.5	201.2	232.5	703.7	162.2	391.0	212.7	158.6	4.2
1981	0.7	4.4	0.0	40.1	116.4	534.6	417.5	694.2	137.7	133.8	206.4	1.4
1982	T	0.8	1.1	163.4	178.4	248.1	693.6	524.8	144.9	86.8	2.0	45.9
1983	13.1	0.2	2.0	0.4	61.3	97.5	114.9	692.3	223.8	111.6	37.2	7.2
1984	8.2	T	20.8	91.4	137.7	312.1	222.6	1067.0	210.4	328.5	7.7	1.0
1985	0.0	3.2	20.2	99.5	136.7	995.3	153.6	678.0	386.4	168.4	39.6	0.8
1986	21.7	28.4	13.0	0.0	202.6	116.5	965.2	646.0	547.6	51.5	64.8	16.3
1987	0.0	0.0	11.0	11.2	61.6	237.4	289.2	250.0	261.7	147.8	2.2	30.3
1988	3.0	33.4	0.0	78.2	285.0	304.2	654.2	443.8	372.6	232.6	23.8	T
1989	14.2	8.4	97.8	18.2	155.6	241.3	619.0	448.8	537.0	236.8	53.8	0.6
1990	T	0.0	T	0.0	183.1	102.8	495.7	755.5	424.7	131.4	8.8	52.4
1991	0.0	7.6	44.8	76.6	113.6	139.7	461.9	467.3	363.0	295.6	4.0	0.0

T - Trace, the amount of rainfall is less than 0.1 mm.

Jan. to Sept. 1983 and 1984 data are from Mactan Station.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration.

Table 5.16 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>M A N I L A (Port Area)</b>												
1976	40.4	2.0	0.5	1.0	922.7	167.9	0.0	0.0	0.0	61.8	82.8	87.9
1977	69.2	8.2	4.4	2.8	265.5	190.8	419.4	525.6	710.0	66.4	76.6	5.6
1978	0.2	6.0	1.6	12.4	167.7	164.4	206.6	885.3	435.3	626.9	124.1	46.6
1979	T	0.2	0.0	60.3	161.3	161.0	316.7	412.6	251.0	89.0	32.2	19.8
1980	0.0	0.0	43.9	T	41.9	37.5	364.6	212.9	312.4	154.8	260.4	21.6
1981	1.0	T	T	3.3	31.0	480.3	268.6	193.8	171.8	191.3	148.7	74.0
1982	1.6	4.0	5.5	27.5	32.3	182.1	492.4	352.9	276.2	69.1	28.2	60.8
1983	23.3	0.3	0.0	1.4	T	33.0	177.1	409.8	250.7	239.0	9.4	2.6
1984	25.3	T	7.6	12.6	169.1	372.9	244.8	500.1	156.9	311.3	65.8	10.1
1985	1.2	0.9	6.7	75.5	8.4	867.3	259.2	301.1	290.8	299.6	132.6	45.1
1986	0.7	48.3	T	16.6	266.9	149.0	667.3	662.6	545.4	623.0	250.5	53.0
1987	3.9	0.0	0.0	2.4	27.4	241.7	147.0	236.1	292.8	170.6	95.2	-
1988	96.2	9.6	0.8	12.5	116.0	367.7	426.5	279.5	341.2	573.4	136.1	1.6
1989	10.9	15.8	64.3	0.7	153.2	162.3	377.6	765.2	185.2	190.8	31.1	1.2
1990	5.6	T	5.6	3.2	152.1	366.6	561.4	476.1	514.0	140.9	151.9	76.8
1991	22.5	6.6	12.7	12.8	29.6	203.3	449.1	530.3	305.4	79.6	76.6	5.2
<b>LEGASPI</b>												
1976	668.8	160.9	251.7	104.9	414.5	245.9	155.3	390.6	214.7	294.7	410.0	794.6
1977	239.3	217.3	141.8	114.1	254.3	107.3	378.1	233.7	386.6	205.7	657.2	175.6
1978	53.1	96.4	152.5	124.4	206.8	312.3	192.6	348.5	353.3	559.4	255.3	494.6
1979	136.9	240.5	88.6	272.7	129.3	302.3	244.8	156.6	458.9	234.9	326.0	243.9
1980	222.7	288.2	298.0	86.1	64.7	551.3	298.5	350.8	282.7	652.4	313.2	288.4
1981	394.3	166.5	61.8	156.2	138.6	339.5	239.0	129.4	288.5	500.0	787.1	504.8
1982	225.3	346.4	230.6	121.0	209.5	135.5	386.6	250.4	568.6	245.5	386.0	394.8
1983	147.2	11.4	33.4	54.2	22.0	283.5	532.9	112.8	263.3	269.5	503.5	405.8
1984	337.7	191.4	219.8	36.4	86.7	387.2	67.4	358.6	170.2	444.4	661.9	180.2
1985	305.9	182.2	181.7	181.8	140.4	262.9	304.2	68.9	244.9	386.5	417.9	261.2
1986	226.9	152.2	92.9	366.1	90.2	152.3	237.4	216.7	273.5	384.9	338.5	160.8
1987	110.7	65.8	42.9	113.2	43.1	137.3	246.6	275.2	200.1	217.5	648.8	604.3
1988	259.6	119.6	85.9	287.2	118.8	186.7	174.1	93.2	147.0	693.5	897.1	295.2
1989	549.8	676.7	331.4	251.9	260.7	393.6	163.4	211.8	327.7	220.4	232.0	389.0
1990	447.1	58.1	32.9	64.3	266.4	384.9	199.2	276.2	207.2	442.7	396.4	358.3
1991	180.8	143.8	23.1	104.6	273.6	625.1	314.9	292.6	170.2	212.0	488.8	496.3

*Table 5.16 (continued)*  
**RAINFALL IN THE PHILIPPINES BY MONTH AND BY SELECTED STATIONS**  
*(In millimeters)*  
*January 1976 to December 1991*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>ILOILO</b>												
1976	45.5	37.9	26.0	20.6	315.3	217.3	509.1	386.7	331.2	174.3	131.8	99.5
1977	38.7	60.4	21.0	0.0	8.1	247.5	224.4	281.0	545.4	73.6	77.0	21.7
1978	26.2	9.1	3.8	131.4	66.8	150.1	131.6	503.6	320.8	252.7	119.6	162.6
1979	12.5	17.7	0.0	125.3	97.5	129.5	501.5	667.4	207.6	706.4	84.5	65.2
1980	21.5	74.3	74.8	7.3	22.1	648.0	220.8	206.1	348.4	363.2	193.0	94.3
1981	30.3	5.8	7.6	80.4	30.6	423.2	203.0	345.9	283.8	117.3	134.3	84.6
1982	15.3	2.0	151.8	60.8	158.0	396.6	285.7	668.1	380.3	215.6	53.4	9.9
1983	73.4	5.0	31.2	2.4	9.2	181.7	247.5	278.5	350.2	264.6	284.9	102.1
1984	32.3	64.6	97.0	66.8	109.5	508.6	391.6	505.8	411.5	515.8	365.9	72.3
1985	36.9	54.1	35.4	267.6	59.2	460.1	274.4	161.7	341.7	470.2	182.0	90.4
1986	40.2	15.3	51.5	49.2	70.4	253.1	300.8	692.4	257.5	182.4	248.9	97.4
1987	30.1	12.0	1.0	5.7	41.9	162.4	452.7	224.5	517.0	385.3	213.2	21.8
1988	13.7	13.3	13.1	85.2	197.6	483.0	325.3	264.9	277.7	561.6	312.7	39.4
1989	94.1	33.0	58.8	68.7	253.5	323.5	308.5	72.7	160.0	138.2	37.4	8.8
1990	15.1	0.6	8.0	9.1	262.1	602.2	326.6	466.1	182.0	124.6	319.5	22.7
1991	3.1	20.0	48.4	26.4	8.2	357.9	99.0	199.5	76.7	94.1	123.4	33.8
<b>CEBU CITY</b>												
1976	155.6	36.4	8.0	16.5	215.1	198.5	371.5	121.6	330.8	112.4	41.6	120.1
1977	168.3	100.2	38.7	T	70.8	148.0	313.6	166.2	205.3	149.2	133.5	25.4
1978	194.9	35.5	46.8	63.0	78.2	174.1	107.0	103.0	408.4	148.1	167.6	167.6
1979	39.5	24.1	7.1	48.1	140.8	368.6	116.5	94.1	178.0	204.3	112.9	96.6
1980	79.6	90.6	62.7	67.5	51.8	316.4	180.6	519.4	160.1	246.0	274.1	137.9
1981	95.2	62.3	18.3	8.4	61.1	77.8	151.1	44.0	195.3	257.7	168.9	138.9
1982	4.8	45.2	240.2	6.8	34.4	50.3	198.9	128.3	60.6	187.8	85.2	61.2
1983	44.0	11.2	18.2	5.0	8.0	118.7	387.7	318.0	252.9	191.0	181.2	158.8
1984	148.0	176.6	41.1	59.8	103.8	360.3	85.0	138.0	147.8	102.3	185.1	184.8
1985	151.2	14.5	22.8	64.8	206.2	88.5	391.3	23.0	337.3	178.4	186.6	65.6
1986	131.6	42.4	24.0	56.0	9.0	189.2	218.2	114.2	106.8	320.5	140.7	101.9
1987	-	13.7	-	3.0	5.2	71.5	305.0	71.1	114.0	219.5	191.4	-
1988	38.8	46.4	37.6	33.4	89.8	248.2	107.6	214.9	221.8	280.3	-	59.8
1989	178.0	72.0	995.1	37.0	98.7	216.1	143.6	107.4	230.6	168.0	59.0	46.8
1990	188.6	12.1	10.8	34.4	184.6	137.3	233.3	109.1	161.2	216.3	493.7	58.4
1991	110.6	93.3	48.4	45.7	105.2	199.2	172.1	197.1	84.1	194.0	109.3	114.9

Table 5.16 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>ZAMBOANGA CITY</b>												
1976	109.1	1.0	62.5	10.0	191.7	145.3	240.2	87.9	197.8	133.3	100.2	37.3
1977	12.8	49.2	22.1	16.2	21.5	99.1	308.5	187.5	113.9	71.9	33.6	48.8
1978	11.7	111.7	12.4	140.2	118.3	48.4	81.8	147.4	312.9	202.3	103.2	20.8
1979	0.1	43.5	2.5	50.7	105.8	177.9	142.0	30.4	64.5	527.9	34.9	583.4
1980	52.5	80.9	7.9	9.7	7.6	250.4	226.1	107.3	182.5	197.4	119.3	43.6
1981	63.0	13.8	85.7	48.3	109.1	134.9	97.6	67.8	127.8	82.7	170.1	48.7
1982	6.2	35.3	10.1	29.8	76.1	177.4	70.0	116.1	82.7	125.0	31.6	15.7
1983	5.8	1.0	2.2	3.3	130.8	15.8	226.0	55.6	274.6	141.5	168.3	138.3
1984	105.6	57.8	13.4	68.2	128.0	186.5	109.3	56.9	78.7	314.4	20.0	14.6
1985	6.1	66.2	22.7	35.5	99.0	124.5	186.3	4.9	215.4	186.0	68.3	28.9
1986	51.8	25.2	98.8	17.2	34.8	38.8	212.3	262.8	161.9	95.5	191.7	10.0
1987	15.6	6.2	31.0	0.9	26.3	73.9	242.5	96.7	103.2	55.9	173.9	23.6
1988	22.7	70.6	50.6	81.4	45.2	109.5	150.6	205.6	101.2	353.6	275.7	35.3
1989	12.6	38.0	80.0	91.5	79.4	118.2	97.2	182.1	67.7	91.6	71.8	22.4
1990	30.1	22.1	13.3	68.7	-	218.9	69.9	221.3	324.9	166.0	131.2	4.5
1991	30.1	19.8	T	69.3	117.2	161.1	136.0	68.8	95.6	204.0	45.2	24.7
<b>DAVAO CITY</b>												
1976	88.0	55.9	72.3	64.4	111.6	189.1	77.7	299.3	157.5	177.5	126.5	81.7
1977	177.5	130.3	56.5	13.5	74.1	243.9	174.1	197.7	82.7	349.3	89.4	30.0
1978	51.7	111.2	17.5	62.7	273.4	220.1	127.9	188.8	125.1	229.3	66.3	123.1
1979	37.0	32.5	104.0	101.9	285.7	325.9	127.1	70.0	273.4	163.3	118.9	91.0
1980	173.4	124.6	15.6	178.3	196.8	509.0	170.3	182.4	78.5	176.1	127.9	231.8
1981	170.9	120.8	57.4	174.2	168.2	159.6	75.8	106.5	214.2	193.8	175.5	70.3
1982	174.1	100.1	48.4	198.3	108.1	259.0	135.7	247.1	135.5	87.1	239.4	23.3
1983	59.8	14.8	11.2	15.4	106.6	221.8	321.7	258.7	174.2	134.0	114.2	194.6
1984	89.3	120.8	160.0	99.5	80.7	183.8	100.4	51.4	148.3	151.1	76.3	75.2
1985	65.7	61.9	77.8	305.5	222.9	42.4	170.1	325.7	206.8	457.0	145.1	111.9
1986	303.3	81.6	80.8	39.5	103.8	262.1	130.0	47.5	229.8	134.2	135.9	8.4
1987	137.0	114.1	13.6	93.9	155.7	223.7	111.0	236.2	86.4	152.0	67.2	137.4
1988	27.6	103.2	353.8	302.8	211.4	164.2	130.8	148.9	360.0	142.9	66.7	83.4
1989	121.8	108.0	192.1	180.5	214.4	295.7	61.3	216.1	92.7	117.9	152.9	89.2
1990	37.0	41.5	51.8	172.7	251.0	102.1	215.6	202.3	228.6	182.3	134.5	65.6
1991	152.2	95.7	13.3	...	194.5	183.9	143.2	99.5	36.2	59.7	213.1	11.4

**Table 5.17**  
**AVERAGE MINIMUM AND MAXIMUM TEMPERATURE, BY MONTH**  
**AND BY PRINCIPAL ISLAND**  
*(In degree centigrade)*  
**1991**

Month	Philippines		Luzon		Visayas		Mindanao	
	Mini- mum	Maxi- mum	Mini- mum	Maxi- mum	Mini- mum	Maxi- mum	Mini- mum	Maxi- mum
January	21.2	31.3	20.3	30.8	21.7	31.3	21.6	31.8
February	21.5	33.0	20.7	31.7	22.0	35.3	21.9	31.9
March	21.9	33.9	21.5	35.9	22.4	32.3	22.0	33.5
April	22.8	35.2	22.5	38.1	23.0	33.2	22.9	34.2
May	23.3	34.2	23.6	34.8	23.2	34.1	23.0	33.8
June	22.3	33.0	21.6	32.9	22.5	33.6	22.8	32.6
July	22.6	32.6	23.0	31.2	22.8	32.8	21.9	33.8
August	22.2	32.0	22.8	30.9	22.6	34.2	21.2	31.0
September	22.0	31.4	22.7	31.3	20.4	31.8	22.8	31.2
October	21.8	31.5	21.3	30.8	21.7	32.3	22.3	31.4
November	21.3	32.2	20.4	30.5	21.9	32.9	21.6	33.2
December	19.8	30.5	18.2	29.8	20.6	30.2	20.7	31.4

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

**Table 5.18**  
**AVERAGE RAINFALL AND NUMBER OF RAINY DAY, BY MONTH**  
**AND BY PRINCIPAL ISLAND**  
*(Rainfall in millimeters)*  
**1991**

Month	Philippines		Luzon		Visayas		Mindanao	
	Rainfall	Number of rainy days	Rainfall	Number of rainy days	Rainfall	Number of rainy days	Rainfall	Number of rainy days
January	67.6	8	42.1	4	95.3	10	65.3	10
February	65.2	7	53.5	2	46.9	9	95.3	9
March	55.4	7	12.2	2	27.4	6	126.5	12
April	65.1	5	25.4	3	94.6	5	75.3	8
May	93.1	10	86.4	9	98.3	8	94.7	12
June	185.7	14	283.7	14	147.5	14	125.8	15
July	225.3	15	312.8	19	209.8	12	153.2	14
August	233.3	16	367.5	21	149.7	10	182.6	18
September	225.2	13	244.4	15	186.0	11	245.2	13
October	128.7	14	196.3	14	141.4	18	198.6	11
November	155.3	11	154.9	9	183.6	17	127.5	8
December	90.2	9	48.3	6	152.8	13	69.4	9

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

Table 5.19

**MONTHLY AND ANNUAL FREQUENCIES OF TROPICAL  
CYCLONES IN THE PHILIPPINE AREA OF RESPONSIBILITY:  
1950 to 1991**

Year	Annual Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1950	15	0	0	0	0	1	2	3	1	3	2	2	1
1955	15	1	1	0	1	0	0	2	3	1	4	1	1
1960	19	1	0	0	1	1	2	2	6	1	3	0	2
1965	21	2	1	1	0	2	2	6	2	3	1	1	0
1970	21	0	1	0	0	0	3	2	4	4	4	2	1
1971	27	1	0	1	3	3	2	5	2	3	5	2	0
1972	17	2	0	0	0	0	2	4	2	4	1	1	1
1973	12	0	0	0	0	0	1	2	4	1	3	1	0
1974	23	1	0	0	0	0	3	4	4	2	5	2	2
1975	14	1	0	0	0	0	0	1	2	4	3	2	1
1976	22	1	1	0	1	1	3	3	3	4	0	2	3
1977	19	1	0	0	0	1	1	4	2	4	2	2	2
1978	25	0	0	0	1	0	3	1	7	6	4	2	1
1979	22	0	0	1	1	2	1	3	3	3	4	2	2
1980	23	0	1	1	1	3	2	4	3	2	2	3	1
1981	23	0	1	0	0	0	3	5	4	3	2	3	2
1982	20	0	0	2	0	1	0	5	4	4	2	0	2
1983	23	0	0	0	0	0	0	3	3	4	6	4	3
1984	20	0	0	0	0	0	1	2	8	1	4	3	1
1985	17	1	0	0	0	1	2	2	3	4	3	0	1
1986	21	0	1	0	1	1	2	3	2	1	4	3	3
1987	16	1	0	0	0	0	1	4	3	2	2	2	1
1988	20	1	0	0	0	1	3	3	0	3	6	2	1
1989	19	1	0	0	0	1	2	6	1	2	3	2	1
1990	20	0	0	0	0	3	3	2	3	4	1	3	1
1991	19	0	0	1	1	1	1	4	2	4	2	3	0

Note: Tropical cyclones are classified according to the maximum winds blowing about their centers. They may fall under any of the following categories: (a) tropical depression - up to 63 km/hr.; (b) tropical storm - from 64 to 118 km/hr; and (c) typhoon - above 118 km/hr.

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

**Table 5.20**  
**NUMBER OF REGISTERED COOPERATIVES, BY REGION AND BY TYPE**  
**As of May 1993**

	TOTAL	Credit	Consumers	Producers	Marketing	Service
Philippines	18,929	553	156	201	186	197
NCR	955	153	40	12	3	45
CAR	760	12	4	-	-	1
I	1775	14	3	1	5	6
II	1227	32	1	4	1	6
III	2350	67	9	39	15	23
IV	2509	70	13	11	16	38
V	1325	21	7	13	4	20
VI	1590	57	16	16	15	6
VII	579	20	5	9	2	3
VIII	912	9	4	16	8	4
IX	439	8	4	6	1	5
X	1026	27	6	17	21	11
XI	1792	30	38	35	26	25
XII	1689	33	6	22	69	4

Source: Cooperative Development Authority

*Table 5.20 (continued)*

Multi-purpose		Laboratory Cooperative	Area Marketing Cooperative	Cooperative Bank	Federation	Union
Agricultural	Non-Agricultural					
14,091	3,351	-	-	4	180	9
44	649	-	-	-	9	-
625	112	-	-	1	5	-
1505	219	-	-	-	22	-
946	208	-	-	-	25	4
1748	408	-	-	-	41	-
1932	404	-	-	1	23	1
965	281	-	-	-	12	2
1392	77	-	-	-	11	-
311	224	-	-	1	4	-
764	101	-	-	-	6	-
355	57	-	-	-	2	1
802	138	-	-	-	4	-
1262	365	-	-	1	10	-
1440	108	-	-	-	6	1

**Table 5.21**  
**NUMBER OF CONFIRMED COOPERATIVES, BY REGION AND BY TYPE**  
**As of May 1993**

	TOTAL	Credit	Consumers	Producers	Marketing	Service
Philippines	4,671	1,095	290	118	160	180
NCR	469	261	50	0	2	55
CAR	155	45	23	3	4	4
I	384	67	22	4	7	3
II	378	79	11	9	5	3
III	734	112	8	20	16	16
IV	413	127	24	17	37	24
V	430	58	12	17	15	20
VI	344	73	24	8	16	8
VII	277	59	38	11	4	5
VIII	218	49	13	6	7	8
IX	143	22	10	1	8	1
X	206	46	19	4	6	14
XI	352	63	13	9	6	8
XII	168	34	23	9	27	11

Source: Cooperative Development Authority

Table 5.21 (continued)

Multi-purpose		Laboratory Cooperative	Area Marketing Cooperative	Cooperative Bank	Federation	Union
Agricultural	Non-agricultural					
2,189	334	-	16	29	40	220
5	63	-	-	-	12	21
60	9	-	-	-	1	6
238	14	-	1	2	2	24
226	14	-	1	3	1	26
501	13	-	1	4	1	42
141	12	-	-	2	3	26
270	21	-	-	1	2	14
169	18	-	3	4	5	16
90	60	-	1	1	2	6
108	14	-	-	1	3	9
70	25	-	2	-	1	3
84	17	-	3	5	2	6
183	46	-	2	4	4	14
44	8	-	2	2	1	7

**Table 5.22**  
**PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS**  
*(In thousand metric tons)*  
**1982 to 1992**

Year	Plant Nutrients				Fertilizer Products						
	Total	Nitrogen	Phosphorous	Potassium	Total	Urea	Ammosul	NP & P	NPK	Potash	Others
<b>Production</b>											
1982	51.2	18.2	18.9	14.1	125.8	-	1.3	24.0	100.5	-	...
1983	64.3	23.6	24.0	16.7	164.3	-	7.4	36.4	120.5	-	...
1984	37.3	15.7	14.3	7.3	102.4	-	14.7	32.9	54.8	-	...
1985	204.1	88.9	109.7	5.5	499.7	-	149.5	310.9	39.3	-	...
1986	371.1	111.8	248.1	11.2	695.8	-	21.9	539.6	134.3	-	...
1987	365.5	122.9	195.5	47.1	374.0	-	10.2	214.7	149.1	-	...
1988	323.4	110.1	178.6	34.7	756.1	-	-	514.1	239.1	2.9	...
1989	362.6	127.0	191.0	44.6	814.5	-	-	514.9	295.4	4.2	...
1990	407.6	145.7	199.0	62.9	934.4	-	-	475.9	453.5	5.0	...
1991	432.0	152.6	190.1	89.3	1,006.8	-	-	363.0	636.2	7.6	...
1992	394.8	142.4	183.2	69.3	930.1	-	-	429.2	494.1	6.7	...
<b>Importation</b>											
1982	322.6	221.6	29.0	72.0	765.3	364.9	151.5	94.6	43.6	110.7	...
1983	296.1	222.3	25.6	48.2	642.8	320.2	118.4	102.3	27.3	74.6	...
1984	255.3	178.1	33.5	43.7	622.4	283.3	113.4	86.4	87.1	52.2	...
1985	240.8	181.6	33.5	25.7	557.5	321.2	21.3	85.0	112.9	17.1	...
1986	357.6	305.5	10.3	41.8	855.6	553.9	187.0	29.0	30.0	55.7	...
1987	407.7	345.0	-	62.7	948.7	648.5	201.8	-	-	98.4	...
1988	450.0	380.5	1.6	67.9	1,061.8	725.3	220.7	3.5	-	112.3	...
1989	393.9	304.5	21.3	68.1	981.7	504.2	266.2	52.2	59.9	99.2	...
1990	458.2	354.9	19.3	84.0	1,107.6	607.8	289.7	46.3	34.4	129.4	...
1991	438.0	300.6	29.5	107.9	1,089.6	436.0	410.8	64.2	-	178.6	...
1992	452.7	357.7	32.3	62.7	1,146.6	567.4	389.0	70.0	6.3	101.5	12.4
<b>Consumption</b>											
1982	346.3	232.8	56.1	57.4	846.0	342.2	140.3	143.1	161.6	58.8	...
1983	363.4	244.2	54.8	64.4	878.3	371.5	137.7	145.2	150.5	73.4	...
1984	262.0	178.0	45.4	38.6	720.0	256.3	178.6	116.8	134.3	34.0	...
1985	283.2	205.4	42.8	35.0	710.2	310.4	126.2	113.6	131.4	28.6	...
1986	390.4	298.3	45.8	46.3	925.8	490.3	159.4	111.7	123.5	40.9	...
1987	516.0	372.3	66.3	77.3	1,151.7	601.1	205.9	137.7	154.4	52.6	...
1988	523.3	393.3	76.8	53.2	1,221.9	591.8	192.9	204.3	183.8	49.1	...
1989	537.3	375.9	84.1	77.3	1,318.3	569.3	216.7	222.9	234.6	74.8	...
1990	588.0	400.5	105.0	82.5	1,439.5	580.3	226.4	276.2	286.3	70.3	...
1991	437.5	298.7	71.3	67.5	1,111.2	395.0	288.7	175.9	182.7	68.9	...
1992	504.3	362.3	73.2	68.8	1,261.3	540.8	252.4	188.5	202.8	67.3	9.5

Note: Totals may not add up to rounding.

Source: Fertilizer and Pesticide Authority.

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

Data on the industrial sector are important in that they provide vital information on the extent to which an economy has attained progress in its industrial development program. This assumes greater relevance 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. It is the industrial sector, manufacturing in particular, that should ideally lead the country in its thrust toward a more accelerated pace of development. By giving more emphasis on the development of its indigenous industries rather than concentrating on traditional agriculture, a country could broaden the base of its development, generate more employment opportunities for the populace, and expand aggregate production. Industrialization, therefore, would enable the country to progress at a faster pace.

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

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

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

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**Table 6.1**  
**GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS**  
**IN THE PHILIPPINES: 1956 to 1989**

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries and Wages (P1,000)
		Total	Number of Paid Employees	
1956	7,208	205,809	196,050	331,113
1960	7,221	248,781	239,605	471,074
1965	7,925	323,770	313,198	765,842
1970	10,496	403,874	389,008	1,296,450
1971	10,238	420,988	406,617	1,555,550
1973	13,055	537,944	522,078	2,091,135
1974	13,313	531,973	514,845	2,398,007
1976	78,476	810,178	702,366	4,074,233
1977	78,683	911,706	803,721	5,363,011
1979	85,105	1,054,575	940,958	6,721,522
1980	85,310	1,078,027	958,842	8,108,111
1981	85,257	1,097,868	982,056	9,691,407
1982	83,292	1,088,254	977,594	10,925,080
1983	5,733	700,895	694,879	10,406,945
1984	5,435	645,516	639,607	12,599,655
1985	5,369	623,671	618,335	14,478,441
1986	5,294	636,219	630,996	16,527,992
1987	5,000	675,206	671,051	20,428,917
1988	11,488	856,951	845,069	30,371,571
1989	10,154	949,488	940,363	38,830,654

- Notes: 1. Data for 1956 to 1974 are results from the Annual Survey of Establishments (ASE) for manufacturing establishments with 5 or more workers.
2. No annual surveys were conducted in 1961, 1967, 1972, 1975 and 1978 for these were census years.
3. Data for 1976 to 1982 are results from ASE for all manufacturing establishments.
4. Data for 1984 to 1987 are results from ASE for manufacturing establishments with 10 or more workers.
5. Data for 1983 and 1988 are results from the Census of Establishments (CE) for manufacturing establishments with 10 or more workers.

Source: National Statistics Office.

Table 6.1 (continued)

Value of Shipments (P1,000)	Cost of Materials Used, Contract Work and Cost of Resale (P1,000)	Capital Expenditures During the Year (P1,000)	Gross Output (P1,000)	Census Value Added (P1,000)
2,130,246	1,316,657	100,434	2,345,480	1,028,823
3,560,719	2,171,415	258,140	3,934,272	1,762,857
6,698,730	4,593,090	452,562	7,466,978	2,873,888
14,087,389	9,588,815	1,342,436	15,846,954	6,258,138
17,884,880	12,083,591	1,178,626	19,521,682	7,438,091
28,402,445	20,022,831	1,462,719	31,248,300	11,225,469
42,636,485	31,905,632	2,133,569	47,552,924	15,647,292
49,506,995	40,252,474	2,944,425	53,859,273	13,607,108
67,819,508	54,449,404	3,280,540	73,267,286	18,817,882
100,521,131	74,585,656	6,444,659	119,717,540	45,131,884
112,767,402	94,113,498	7,559,988	125,058,285	37,238,428
128,166,249	109,326,731	7,757,437	140,330,850	38,727,031
148,232,208	121,023,325	7,018,468	158,775,031	47,440,995
153,244,411	108,479,996	7,603,945	163,957,498	55,477,503
204,889,735	144,282,226	7,887,077	220,118,798	68,766,417
211,220,055	145,765,165	7,025,445	224,785,634	79,020,469
232,390,891	141,067,682	9,316,490	247,461,328	97,747,092
274,674,171	187,800,798	10,075,019	297,940,287	105,382,060
358,567,932	243,775,534	16,103,904	385,010,014	133,823,686
429,036,254	303,133,610	16,006,342	463,055,311	160,021,700

**Table 6.2**  
**GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS**  
**BY MAJOR INDUSTRY GROUP: 1989**  
*(Value and cost figures in thousand pesos)*

Code	Major Industry Group	No. of Estab- lish- ments	Employment (Ave. for the Year)		Total Compen- sation	Total Receipts
			Total	No. of Paid Employees		
All Manufacturing Establishments		10,154	949,488	940,363	40,588,903	462,617,386
311 &						
312	Food	2,493	167,550	164,332	7,155,586	99,965,122
313	Beverages	100	31,031	31,013	2,161,416	31,079,998
314	Tobacco	33	13,761	13,753	601,714	16,837,718
321	Textile	537	101,012	150,763	3,432,160	24,795,182
322	Wearing apparel except footwear	1,391	192,451	190,730	6,463,915	24,380,094
323	Leather and leather products, leather substitutes & furs, except footwear and wearing apparel	109	8,225	8,104	238,649	772,141
324	Footwear, except rubber, plastic or wood furniture	363	10,124	9,526	167,888	740,136
331	Wood, wood and cork products, except furniture	661	54,953	54,370	1,720,580	10,984,716
332	Furniture and fixtures, except primarily of metal (including repairs)	585	42,530	41,996	1,020,793	4,242,781
341	Paper and paper products	165	15,754	15,701	745,891	11,515,044
342	Printing, publishing and allied industries	554	22,028	21,583	918,900	5,482,899
351	Industrial chemicals	133	10,601	10,574	780,300	15,768,766
352	Other chemical products	306	31,999	31,930	3,227,706	37,819,072
353	Petroleum refineries	4	2,384	2,384	533,025	44,118,447
354	Miscellaneous products of petroleum and coal	12	492	492	15,698	269,062
355	Rubber products	162	26,659	26,625	1,133,989	7,572,143

Table 6.2 (continued)

Total Shipments	Total Costs	Census Value Added	Total Book Value of Fixed As of December	Capital Expenditures During the Year	
				Gross to Fixed Assets	New Fixed Assets
429,036,254	352,002,239	160,021,700	111,024,268	14,458,168	12,498,412
94,828,958	79,507,138	29,207,106	17,763,065	1,629,597	2,273,408
31,059,237	17,881,097	19,454,916	6,651,586	1,595,044	459,611
16,679,410	12,309,729	9,014,235	1,828,998	1,034,161	147,146
23,221,567	18,979,215	7,828,152	11,306,997	153,050	1,246,719
15,316,973	13,673,436	13,619,225	3,076,033	1,394,424	776,973
719,643	479,529	421,487	196,814	913,575	7,074
724,262	466,810	356,351	138,338	11,530	7,477
10,097,725	8,001,327	4,354,784	2,280,317	18,612	205,025
4,005,923	2,726,362	1,947,525	854,178	311,429	81,091
11,416,391	8,336,539	3,848,108	2,409,684	128,556	191,481
4,094,855	3,903,435	2,382,260	1,212,747	207,603	332,572
14,801,756	13,541,856	4,632,816	14,950,602	337,164	271,281
33,783,947	26,258,072	16,803,287	4,946,348	313,051	1,142,203
43,276,104	38,205,454	6,366,763	3,928,820	1,375,823	458,106
268,259	277,909	35,942	44,473	234,320	-
7,206,056	5,082,460	3,231,522	1,775,961	478,859	430,094

**Table 6.2**  
**GENERAL STATISTICS FOR MANUFACTURING ESTABLISHMENTS**  
**BY MAJOR INDUSTRY GROUP: 1989 (continued)**  
*(Value and cost figures in thousand pesos)*

Code	Major Industry Group	No. of Estab- lish- ments	Employment (Ave. for the Year)		Total Compen- sation	Total Receipts
			Total	No. of Paid Employees		
356	Plastic products, n.e.c.	280	19,989	19,971	699,481	7,751,456
361	Pottery, china and earthenware	51	4,680	4,632	224,719	915,637
362	Glass and glass products	33	7,324	7,292	617,512	3,286,046
363	Cement	17	6,038	6,038	414,052	7,226,109
369	Other non-metallic mineral products	316	13,113	12,799	461,839	2,824,361
371	Iron and steel basic industries	139	17,497	17,479	1,149,386	24,506,139
372	Non-ferrous metal basic industries	33	2,740	2,722	167,034	12,511,773
381	Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal	415	25,175	24,937	914,120	7,698,467
382	Machinery except electrical	460	20,076	19,801	757,547	4,758,900
383	Electrical machinery, apparatus, appliances and supplies	208	58,078	58,053	3,203,091	32,863,209
384	Transport equipment	210	17,363	17,267	849,948	18,018,218
385	Professional and scienti- fic and measuring and controlling equipment, n.e.c. and photographic and optical instrument	11	3,146	3,145	140,017	466,008
386	Furniture and fixtures primarily of metal (including repairs)	28	1,048	1,030	32,063	166,332
390	Other industries	345	21,667	21,321	639,884	3,281,411

Note: Data are for establishments with 10 or more workers.

Source: National Statistics Office.

\* Total Costs should include indirect taxes and interest expense.

Table 6.2 (continued)

Total Shipments	Total Costs *	Census Value Added	Total Book Value of Fixed As of December	Capital Expenditures During the Year	
				Gross to Fixed Assets	New Fixed Assets
7,632,095	6,267,553	1,928,801	1,243,306	172,743	165,539
895,254	474,536	554,357	360,045	141,458	114,560
3,219,182	1,673,520	1,970,247	1,046,130	191,955	124,186
7,209,802	4,927,462	3,092,905	4,160,221	257,076	225,957
2,570,139	1,779,248	1,496,810	920,051	123,112	92,805
24,346,573	23,813,417	4,681,484	8,872,459	1,021,288	934,739
10,964,986	10,792,735	1,202,096	9,072,818	(247,308)	435,661
6,919,362	6,628,939	2,700,241	1,091,000	80,880	103,484
4,166,134	3,676,235	1,676,781	914,118	223,682	169,208
30,632,969	24,429,531	11,000,504	6,077,590	1,574,188	1,528,308
15,555,415	15,180,249	4,476,725	3,209,788	596,523	411,176
247,113	240,965	232,040	69,580	11,290	10,594
145,332	112,969	78,180	74,991	15,027	8,664
3,030,834	2,374,509	1,426,049	547,209	159,451	143,269

**Table 6.3**  
**SELECTED CHARACTERISTICS OF MANUFACTURING**  
**ESTABLISHMENTS BY INDUSTRY: 1976 TO 1989**  
*(Value and expenditures are in thousand pesos)*

Year	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets
Food (311 + 312)								
1976	27,688	167,134	12,267,860	439,775	1,179	41,497	4,681,511	96,628
1977	27,998	205,559	10,226,537	511,811	1,166	51,394	7,618,880	353,659
1979	29,256	217,113	28,285,664	549,138	1,114	53,909	8,253,616	432,725
1980	29,264	222,772	16,045,605	681,593	1,116	48,339	7,295,818	471,443
1981	29,287	235,114	26,285,664	946,951	1,122	51,867	12,836,484	437,571
1982	29,044	237,408	32,389,122	1,098,031	1,116	50,087	13,764,878	809,551
1983	1,505	131,239	34,210,166	1,563,672	120	45,835	14,501,731	528,686
1984	1,427	121,244	53,072,995	1,093,218	115	44,160	24,931,271	1,168,742
1985	1,331	128,096	49,168,574	958,354	114	42,629	27,251,698	880,682
1986	1,263	122,958	59,861,182	974,615	113	39,039	29,871,937	340,075
1987	1,163	133,304	69,594,016	1,083,783	105	40,345	35,126,920	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
Beverages and Tobacco (313 + 314)								
Textiles (321)				Footwear and Wearing Apparel (322 + 324)				
1976	3,514	94,258	4,027,203	417,027	29,479	136,274	932,445	38,361
1977	3,542	115,439	5,338,321	322,277	29,786	131,844	501,536	39,237
1979	4,441	139,619	7,531,633	1,078,414	29,582	167,164	12,742,573	301,401
1980	4,470	136,271	8,176,850	1,008,010	29,543	162,879	2,488,193	128,594
1981	4,471	135,486	8,936,682	614,990	19,559	167,309	4,494,290	327,986
1982	4,361	309,789	9,391,198	521,723	28,227	160,054	3,763,510	94,717
1983	323	85,830	7,819,730	354,782	574	84,064	3,470,864	101,542
1984	300	65,702	10,471,552	177,270	541	95,521	5,067,417	116,884
1985	312	63,410	10,309,478	211,472	545	95,156	5,384,503	86,709
1986	305	70,686	11,583,593	319,445	550	100,589	6,899,065	122,632
1987	297	76,813	15,324,983	1,040,655	525	108,402	9,858,041	185,304
1988	547	89,499	17,929,007	1,286,446	1,997	151,749	11,334,272	262,305
1989	537	101,012	23,221,567	1,246,719	1,754	202,575	16,041,235	784,450
Leather (323)				Wood, Wood and Cork Products (331)				
1976	252	3,448	80,256	3,614	2,707	83,763	1,772,382	139,583
1977	235	3,662	98,838	3,412	2,325	73,667	1,905,526	82,561
1979	249	3,976	144,243	6,388	2,445	71,085	3,882,169	198,963
1980	249	4,352	171,768	9,660	2,432	77,284	4,524,652	226,628
1981	252	3,940	170,980	2,520	2,438	75,905	4,402,704	549,087
1982	250	4,175	181,196	2,586	2,369	65,937	3,661,147	181,230
1983	47	3,623	180,213	1,545	347	59,662	4,963,417	114,340
1984	53	2,750	213,992	3,413	299	49,065	5,622,880	247,817
1985	50	2,217	180,540	884	284	45,903	5,435,437	79,658
1986	41	2,200	195,236	1,334	270	44,667	6,240,852	125,555
1987	39	2,905	265,634	18,059	254	44,574	7,766,363	90,792
1988	120	5,167	478,202	22,784	682	56,433	10,334,766	195,543
1989	109	8,225	719,643	7,074	661	54,953	10,097,725	205,025

**Table 6.3**  
**SELECTED CHARACTERISTICS OF MANUFACTURING**  
**ESTABLISHMENTS BY INDUSTRY: 1976 to 1989 (continued)**  
*(Value and expenditures are in thousand pesos)*

Year	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets
Furniture & Fixtures (332)								
1976	2,713	22,580	262,912	11,236	1,506	35,304	2,595,690	102,865
1977	2,665	22,940	345,622	21,968	1,451	35,601	3,274,453	174,045
1979	3,455	35,680	851,636	36,189	1,592	42,852	5,171,864	337,644
1980	3,460	38,378	1,112,816	77,618	1,610	41,038	4,888,927	312,999
1981	3,459	37,176	995,326	25,925	1,612	41,188	4,783,538	180,982
1982	3,438	36,382	1,106,863	57,011	1,628	44,775	5,267,545	198,688
1983	301	19,321	788,725	36,565	451	28,498	5,078,895	149,661
1984	289	19,585	1,157,863	22,251	445	25,278	8,089,781	258,254
1985	276	19,928	1,180,431	29,308	453	24,825	7,852,343	38,135
1986	253	21,932	1,468,611	25,283	481	27,956	10,768,343	92,298
1987	231	27,056	2,077,762	53,086	472	28,526	10,814,285	220,143
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
Chemicals (351 + 352)								
1976	380	34,067	4,591,481	329,240	13	1,236	8,682,992	44,090
1977	447	42,438	6,106,938	381,913	15	1,336	10,226,537	55,232
1979	487	39,341	9,592,103	455,106	17	2,152	13,638,777	98,051
1980	627	51,218	12,036,144	1,126,806	16	1,634	18,798,485	139,896
1981	501	43,855	11,535,001	977,790	16	2,090	22,934,035	139,214
1982	502	42,639	11,999,341	529,187	14	2,858	33,827,517	162,421
1983	286	34,782	13,706,008	393,607	12	2,429	31,630,225	119,856
1984	281	31,440	20,784,600	423,484	11	2,146	39,744,969	201,874
1985	294	32,589	22,560,709	1,065,958	12	2,697	40,472,504	441,496
1986	300	33,448	27,065,689	594,131	12	2,746	38,348,185	379,191
1987	295	33,885	22,769,041	629,353	11	2,833	44,587,101	1,120,787
1988	416	40,579	39,386,210	886,446	20	2,983	44,657,862	519,503
1989	439	42,600	48,585,703	1,413,484	16	2,876	43,544,363	458,106
Petroleum and Coal (353 + 354)								
Rubber Products (355)								
1976	300	14,457	817,889	112,234	1,352	15,941	1,613,306	232,106
1977	272	11,601	913,971	26,086	1,345	29,697	1,687,435	99,716
1979	775	19,861	1,780,520	60,430	1,674	21,168	921,136	108,056
1980	766	26,408	1,886,597	69,037	1,679	20,114	1,098,238	450,162
1981	772	32,429	2,449,391	98,158	1,678	19,046	982,724	61,850
1982	768	31,144	2,694,964	61,733	1,685	19,178	936,595	53,196
1983	107	17,498	2,026,735	37,088	184	12,179	997,117	35,696
1984	102	17,382	2,883,480	70,142	174	10,308	1,524,095	34,598
1985	107	17,917	2,823,173	133,766	155	7,491	947,289	13,069
1986	112	18,556	3,337,289	84,762	144	7,630	1,048,588	20,124
1987	106	22,713	4,313,656	95,040	189	21,440	8,121,401	219,109
1988	174	26,181	5,229,267	429,833	353	11,219	1,715,785	78,604
1989	162	26,659	7,206,056	430,094	316	13,113	2,570,139	92,805
Other Non-metallic Minerals (369)								

**Table 6.3**  
**SELECTED CHARACTERISTICS OF MANUFACTURING**  
**ESTABLISHMENTS BY INDUSTRY: 1976 to 1989 (continued)**  
*(Value and expenditures are in thousand pesos)*

Year	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establishments	Total Employment	Value of Shipments	Expenditures on New Fixed Assets
Basic Metals (371 + 372)					Metal Products (381)			
1976	143	15,638	2,478,326	59,458	3,411	34,176	1,297,275	40,085
1977	146	14,992	2,528,643	131,773	3,218	30,953	1,324,858	43,053
1979	311	22,151	3,853,554	130,244	4,732	41,769	2,667,189	76,529
1980	315	22,687	4,682,767	226,395	4,744	42,671	2,624,255	89,272
1981	319	21,993	4,685,575	149,669	4,743	41,030	2,858,920	82,153
1982	321	22,383	4,347,440	114,605	4,675	41,015	3,169,046	130,211
1983	152	21,007	10,461,703	231,841	291	19,379	2,454,681	50,230
1984	138	19,851	16,901,256	532,881	282	18,909	4,541,305	79,111
1985	139	18,341	15,005,692	901,100	262	14,680	3,769,161	64,458
1986	138	18,284	19,271,886	1,610,809	266	16,732	3,595,450	45,752
1987	121	16,961	22,603,885	744,421	258	18,358	4,363,350	81,958
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
Machinery (382)					Electrical Machinery (383)			
1976	914	19,467	464,995	38,264	211	26,328	1,313,773	75,705
1977	949	19,829	239,730	37,512	229	38,937	1,861,786	134,441
1979	1,226	23,575	738,016	83,968	279	48,831	3,403,044	301,752
1980	1,235	28,227	1,176,290	83,376	293	49,405	4,372,470	337,783
1981	1,236	27,824	1,342,206	56,724	296	60,286	4,199,220	308,948
1982	1,224	26,816	1,785,305	50,071	295	55,141	6,290,112	374,781
1983	322	16,541	837,080	31,775	152	52,960	8,201,664	531,904
1984	307	13,043	1,443,346	31,900	139	50,481	1,222,445	1,008,443
1985	328	13,603	1,691,627	31,703	148	37,608	10,806,309	584,085
1986	316	12,667	1,552,815	28,781	159	40,085	14,102,432	709,887
1987	299	12,634	2,483,404	37,475	151	43,372	18,952,019	1,379,508
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
Transport Equipment (384)					Miscellaneous (390)			
1976	740	24,139	2,127,402	85,490	1,242	14,632	141,626	13,225
1977	753	33,640	3,591,835	145,044	1,129	11,418	185,144	3,092
1979	882	34,017	4,366,263	240,962	1,355	18,509	579,021	8,735
1980	891	38,115	4,982,121	220,694	1,362	18,545	735,479	21,694
1981	890	33,184	3,986,983	127,914	1,360	15,897	653,469	9,230
1982	792	34,962	5,508,327	79,699	1,349	19,979	1,014,324	29,456
1983	178	22,255	5,190,746	144,277	132	8,732	570,035	19,965
1984	162	13,943	3,014,376	27,862	134	14,615	907,202	37,921
1985	161	12,194	2,545,689	39,250	142	15,563	1,070,746	49,641
1986	160	11,690	2,606,489	42,144	141	14,573	1,218,468	34,282
1987	145	11,708	4,360,695	87,743	138	12,722	1,404,390	26,792
1988	230	14,053	7,224,642	208,044	385	24,451	2,183,440	53,885
1989	210	17,363	15,555,415	411,176	345	21,667	3,030,834	143,269

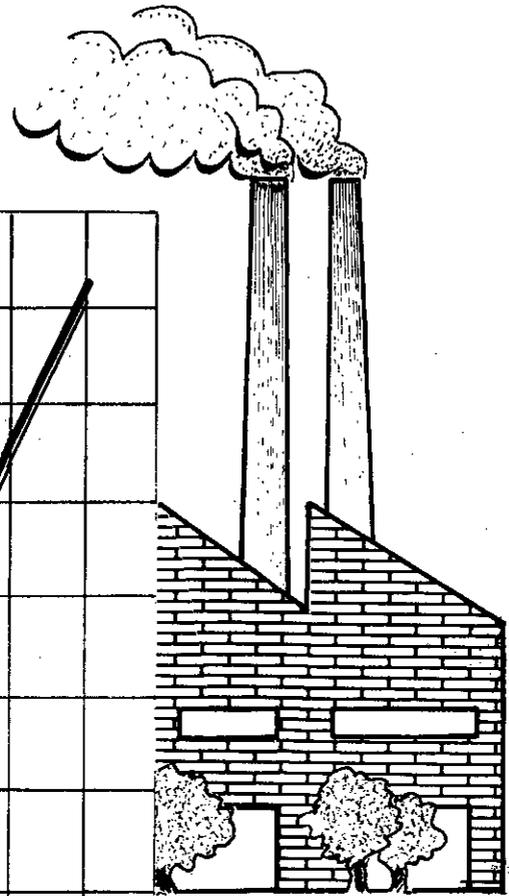
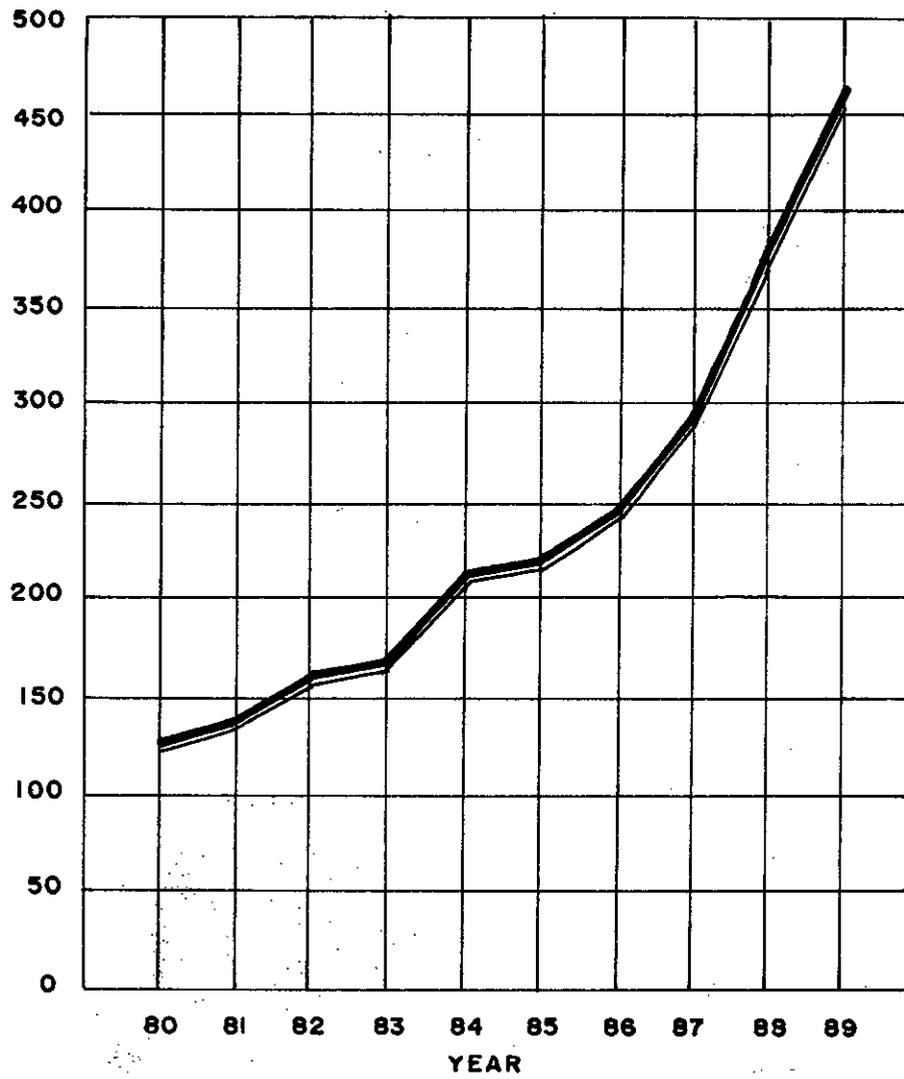
Notes: 1. Data from 1976 to 1982 are for all manufacturing establishments while data for 1983 to 1988 are for establishments with 10 or more workers.

2. 1978, 1983 and 1988 are census years.

Source: National Statistics Office.

Figure 6.1 Gross Value of Output of All Manufacturing Establishments:  
1980 to 1989

( in million pesos )



**Table 6.4**  
**SUMMARY OF GROSS VALUE OF OUTPUT OF MANUFACTURING**  
**ESTABLISHMENTS BY INDUSTRY: 1970 to 1989**  
*(In million pesos)*

Major Industry Group	1970	1971	1973	1974	1976	1977	1979
All Manufacturing Establishments	15,887	19,522	31,248	47,552	53,859	67,826	119,718
Food	3,870	4,834	9,210	14,516	12,676	17,623	27,646
Beverages	845	1,017	1,250	1,762	2,440	3,925	4,180
Tobacco	884	995	1,506	2,149	2,254	3,190	4,146
Textiles	1,108	1,441	2,619	3,490	4,272	5,154	8,605
Footwear and wearing apparel	281	336	345	431	1,006	1,406	12,627
Wood and cork	660	796	1,227	1,281	1,875	1,742	4,280
Furniture and fixtures	56	67	141	194	293	410	945
Paper	509	607	1,064	1,578	2,002	2,498	4,156
Printing	307	355	505	667	624	1,003	1,560
Leather	33	37	56	60	84	94	161
Rubber Products	404	378	563	806	847	969	1,902
Chemicals	2,174	2,872	3,299	4,669	5,320	6,455	10,566
Petroleum and coal	1,374	1,758	2,520	6,315	8,720	8,274	14,245
Other non-metallic mineral	468	697	1,102	1,657	1,642	1,799	1,039
Basic metal	901	781	1,923	2,276	2,828	2,748	4,575
Metal product	508	678	1,137	1,290	1,376	1,998	3,103
Machinery except electrical	114	130	333	628	534	643	1,098
Electrical machinery	517	636	818	1,215	1,422	2,477	3,795
Transport equipment	628	868	1,178	1,878	2,406	3,386	5,302
Miscellaneous	246	239	452	690	1,235	264	653

- Notes: 1. Data from 1970 to 1974 are for establishments with 5 or more workers. Data from 1976 to 1982 are for all manufacturing establishments while data for 1983 and 1988 are for establishments with 10 or more workers.  
2. 1972, 1975, 1978, 1983 and 1988 are census years.

Source: National Statistics Office.

Table 6.4 (continued)

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
125,058	140,331	158,775	163,957	220,119	224,786	250,396	297,940	385,010	463,055
27,870	31,301	34,785	36,394	53,073	46,169	59,861	69,764	83,367	99,922
3,363	7,208	7,245	7,571	14,315	14,083	15,877	19,604	25,189	31,392
3,987	5,829	6,655	7,289	10,616	13,169	13,995	15,523	16,194	17,123
9,051	9,726	9,602	8,492	10,472	10,309	11,584	15,330	19,556	24,455
3,685	5,645	5,012	4,236	5,067	5,018	6,899	9,857	15,854	25,684
4,999	5,188	4,576	5,467	5,623	5,435	6,241	7,786	10,936	11,190
1,246	1,117	1,378	848	1,158	1,180	1,469	2,078	3,867	4,272
3,670	3,513	3,693	3,998	6,004	5,427	7,851	7,255	10,247	11,578
1,926	1,855	1,933	1,719	2,086	2,425	2,917	3,569	4,166	5,580
190	168	182	207	214	181	195	266	531	788
2,051	2,623	2,841	2,187	2,883	2,823	3,337	4,314	8,428	7,829
14,379	14,618	14,690	16,117	20,785	22,561	27,066	32,446	44,993	53,419
19,937	23,073	33,424	31,683	39,745	48,472	38,348	44,587	44,994	43,003
1,213	1,106	1,072	1,178	1,524	947	1,049	8,121	1,990	2,849
4,891	4,741	4,481	10,480	16,901	15,006	19,272	22,604	31,699	37,093
3,140	3,381	3,658	2,929	4,541	3,769	3,595	4,363	5,965	7,994
1,639	1,644	2,152	1,066	1,443	1,691	1,553	2,483	3,318	4,819
5,043	4,725	7,000	8,566	11,394	10,809	14,102	18,952	25,628	32,798
5,787	4,714	6,083	6,123	3,014	2,546	2,606	4,361	8,895	18,170
882	708	1,079	619	907	1,071	1,219	1,404	2,630	3,365

**Table 6.5**  
**INDEX OF VALUE OF PRODUCTION OF KEY MANUFACTURING ENTERPRISES**  
**BY INDUSTRY: 1990 to 1993**  
**(1985 = 100)**

Year/ Month	Total Manufac- turing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1990								
January	178.1	169.5	169.6	106.0	178.2	217.8	99.6	239.3
February	195.8	178.0	161.3	102.6	207.7	270.2	118.8	253.5
March	209.6	186.9	200.1	121.4	234.4	220.3	149.5	313.8
April	177.3	165.6	179.4	87.2	190.6	181.9	143.3	238.4
May	189.2	161.8	204.0	125.9	206.9	197.2	152.7	237.7
June	199.9	175.9	186.7	122.4	187.7	216.8	154.2	276.9
July	198.9	178.3	180.5	109.0	185.5	194.3	160.3	254.9
August	200.4	174.8	177.8	126.9	189.5	203.8	171.2	235.4
September	202.3	173.5	174.4	100.5	173.6	198.8	167.7	222.3
October	214.6	181.5	177.3	105.0	184.6	224.8	178.4	247.4
November	216.9	183.9	179.0	113.3	191.2	215.0	163.8	279.7
December	219.9	184.7	187.2	136.8	192.4	225.2	161.1	255.0
1991								
January	228.7	119.3	232.3	137.4	182.6	224.0	186.1	202.5
February	222.4	195.9	184.9	119.4	190.2	206.2	189.9	269.1
March	240.0	183.6	203.5	99.4	182.7	197.8	181.6	215.5
April	224.6	187.7	240.1	92.6	200.3	186.6	177.9	274.8
May	234.7	181.8	259.2	131.9	203.2	207.2	205.9	213.7
June	228.2	178.6	218.8	127.0	224.2	235.6	179.8	263.2
July	245.6	177.5	225.1	119.1	220.9	230.0	164.6	229.5
August	241.2	170.8	217.4	138.0	233.7	232.2	172.7	205.8
September	240.5	170.8	204.6	118.5	226.8	222.0	192.2	224.0
October	268.1	221.9	228.4	125.9	248.1	204.8	178.6	261.0
November	264.2	226.2	215.4	122.6	228.7	215.8	174.6	192.6
December	254.0	240.7	236.0	112.3	207.0	207.0	149.6	249.8
1992								
January	227.1	227.3	231.9	134.9	190.4	193.7	112.4	181.5
February	240.9	230.3	215.2	123.3	220.6	208.3	125.8	192.7
March	252.1	239.5	220.7	125.9	219.8	204.6	132.9	232.8
April	236.4	197.9	358.3	108.0	172.9	194.4	124.8	231.6
May	251.6	212.8	245.6	122.8	191.3	218.5	119.3	250.4
June	271.9	232.5	261.3	136.2	201.9	248.2	142.3	243.7
July	269.6	211.3	218.3	136.6	193.9	250.1	136.9	267.2
August	278.0	215.9	202.1	126.8	230.7	252.7	142.1	208.1
September	259.9	167.5	207.7	120.7	212.4	234.8	141.7	217.9
October	265.3	205.7	217.4	112.1	213.6	265.3	126.4	250.9
November	265.7	227.3	214.2	118.1	194.4	281.8	141.1	247.9
December	253.7	230.1	233.3	125.1	170.9	258.1	77.1	265.0
1993								
January	278.0	234.0	224.7	130.5	163.2	214.4	108.3	160.7
February	274.4	215.0	172.5	126.4	180.5	230.7	169.1	163.5
March	304.9	221.0	208.3	136.0	207.8	246.8	157.5	222.3
April	293.9	204.6	219.0	120.3	190.9	242.4	149.4	213.0
May	297.5	205.0	227.9	124.6	194.5	260.9	157.9	191.7

Note: Data are as of the May 1992 publication of Industry Trends.

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

Table 6.5 (continued)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic Mineral Products	Basic Metals	Transport Equipment	Electrical Machinery	Miscellaneous
160.0	129.5	150.3	106.4	196.2	165.4	800.5	144.4	48.9
107.2	136.2	170.9	91.9	200.4	247.2	844.3	184.1	47.1
111.5	120.7	178.4	113.9	211.0	250.2	967.4	198.9	53.1
104.8	130.6	123.6	115.1	187.4	239.7	571.0	169.9	36.6
163.9	130.4	155.1	100.1	196.9	283.7	721.0	192.8	62.2
158.4	133.9	163.3	104.1	192.7	259.5	850.3	219.7	68.3
167.9	143.5	184.0	104.2	177.8	307.1	831.1	187.6	58.7
176.8	133.4	184.1	101.4	189.3	290.7	882.5	194.4	60.7
174.2	130.7	173.5	123.4	179.1	280.8	966.0	168.5	63.4
188.2	130.6	182.3	171.9	208.6	289.9	736.3	220.6	69.3
179.1	133.0	194.1	116.3	210.0	348.2	950.7	220.7	63.2
158.3	142.7	183.2	168.5	217.0	318.9	792.8	225.6	59.2
182.9	142.7	184.7	175.1	311.4	317.1	748.8	236.1	64.3
191.8	147.7	214.1	152.2	284.4	301.6	658.4	281.9	74.9
186.6	139.6	203.9	181.1	312.9	402.1	906.8	259.4	83.8
207.5	152.6	202.2	148.8	207.0	353.6	729.1	278.1	72.3
205.6	147.2	226.6	157.1	224.4	301.9	915.1	298.2	63.5
180.8	147.9	186.4	116.1	241.8	306.9	936.7	304.3	63.2
211.3	164.2	199.6	138.7	246.2	381.8	1099.6	292.7	64.9
210.6	155.8	202.4	144.3	209.1	419.4	1032.4	267.5	72.7
175.6	155.5	188.8	138.7	228.5	366.8	1122.9	283.6	72.4
157.0	152.0	200.6	182.9	238.9	336.8	1378.1	279.3	76.9
170.5	168.8	195.9	179.8	232.2	327.2	1344.2	255.5	73.1
157.4	160.8	145.9	169.9	233.9	358.8	1146.7	246.7	59.3
180.4	155.0	178.9	168.6	274.2	270.6	797.0	235.5	62.6
176.2	165.5	196.6	173.3	319.8	310.7	812.9	265.8	66.1
201.6	186.7	241.2	170.2	263.6	313.8	940.3	285.4	73.8
189.9	167.0	175.5	164.2	248.4	294.9	994.2	260.7	69.4
163.3	190.5	180.3	172.5	276.8	284.4	1152.4	281.7	61.3
170.0	185.5	210.7	174.1	248.5	289.6	1359.6	315.4	69.1
165.6	193.7	188.2	153.1	271.6	294.8	1488.2	320.7	56.6
176.3	200.4	210.1	177.6	250.0	306.7	1501.3	310.4	59.0
172.1	193.0	252.1	153.5	244.7	321.3	1430.8	319.1	72.3
176.3	182.4	194.9	167.6	259.4	299.7	1346.2	313.1	76.3
178.2	192.9	223.3	167.1	251.4	275.8	1317.6	288.3	95.6
163.9	191.9	156.4	165.1	235.7	258.1	1228.8	285.3	103.6
182.0	206.0	169.5	166.3	291.5	302.2	1633.8	294.6	136.1
179.5	200.1	190.0	167.1	259.0	305.6	1541.8	315.2	146.3
187.0	203.6	208.2	208.1	294.8	294.3	1852.5	341.4	179.6
174.8	196.2	169.3	229.8	253.8	314.5	1638.8	346.7	134.1
174.2	198.1	184.5	250.7	247.3	320.9	1645.6	315.2	150.7

**Table 6.6**  
**INDEX OF EMPLOYMENT OF KEY MANUFACTURING ENTERPRISES**  
**BY INDUSTRY: 1990 to 1993**  
**(1985 = 100)**

Year/ Month	Total Manufac- turing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
<b>1990</b>								
January	115.4	121.7	119.5	95.3	123.3	124.9	57.2	142.9
February	115.7	122.4	119.4	95.5	122.8	123.8	56.7	144.7
March	115.3	121.9	118.1	97.9	121.1	120.9	58.5	146.8
April	115.5	122.0	117.9	98.9	120.1	121.8	58.0	146.8
May	115.6	122.2	118.3	101.7	119.0	121.8	58.4	147.4
June	114.7	119.1	117.5	96.9	117.7	123.0	59.4	142.4
July	114.5	121.5	116.6	95.7	118.0	121.0	58.7	143.0
August	113.6	120.0	117.1	91.8	116.9	120.8	58.7	145.0
September	112.4	119.5	115.8	92.3	116.4	115.1	58.5	134.7
October	110.9	119.6	117.8	91.7	109.9	111.3	58.1	134.1
November	109.5	120.2	117.1	91.7	109.5	110.8	57.1	100.0
December	109.0	120.2	115.9	92.9	105.3	109.7	59.7	100.6
<b>1991</b>								
January	107.2	119.3	94.2	94.2	103.2	110.6	58.4	107.2
February	105.4	117.9	89.0	91.2	98.9	108.7	58.6	106.0
March	105.5	116.9	92.9	91.9	97.9	108.8	60.0	114.5
April	105.0	116.8	92.0	89.6	96.0	107.7	60.5	113.2
May	104.9	116.7	94.9	89.0	95.6	106.9	58.4	112.4
June	103.6	114.9	95.2	86.4	97.0	107.1	57.5	106.1
July	103.1	116.5	92.1	77.7	97.2	106.8	53.7	114.4
August	102.6	118.2	92.0	74.1	96.7	106.2	53.7	112.1
September	102.0	115.6	92.0	73.2	96.4	104.0	56.0	110.3
October	100.8	114.9	90.9	76.2	94.1	102.3	54.8	109.8
November	100.0	112.6	90.8	76.1	93.7	99.9	54.4	110.0
December	100.6	115.1	92.0	76.8	93.9	100.6	53.1	115.7
<b>1992</b>								
January	100.0	116.1	95.3	76.4	94.2	104.0	42.6	122.5
February	99.9	116.3	93.9	76.9	92.7	103.6	42.8	121.8
March	99.7	116.5	93.8	77.0	93.2	103.1	41.9	119.7
April	98.5	114.8	96.7	76.3	86.5	102.0	40.0	122.7
May	101.2	114.9	96.6	78.1	99.4	103.4	43.6	121.7
June	100.1	111.3	95.4	78.1	92.7	104.9	42.1	121.2
July	100.2	111.1	92.7	77.9	92.3	105.0	43.5	117.6
August	100.2	110.2	92.7	76.0	91.3	108.5	43.6	119.5
September	99.4	109.5	92.5	76.7	91.3	108.2	42.8	112.1
October	99.3	110.6	93.2	77.0	90.3	107.6	42.3	111.7
November	99.0	112.6	91.6	77.1	83.8	110.7	42.3	111.8
December	99.5	114.6	92.4	77.1	81.4	112.4	40.7	111.7
<b>1993</b>								
January	98.4	110.6	91.3	77.0	80.2	103.3	40.5	135.4
February	98.8	112.7	89.9	76.5	80.0	104.7	40.0	127.3
March	98.7	113.2	90.0	75.5	79.5	102.2	38.3	128.7
April	99.4	111.9	91.4	77.1	79.8	102.9	37.6	125.8
May	98.4	111.5	85.8	76.4	76.9	104.4	36.9	125.7

Note: Data are as of the May 1992 publication of Industry Trends.

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

Table 6.6 (continued)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic Mineral Products	Basic Metals	Transport Equipment	Electrical Machinery	Miscellaneous
108.5	112.8	100.9	95.9	146.2	121.2	264.9	84.6	14.1
109.3	113.8	98.6	94.9	150.6	121.1	269.4	84.9	14.1
110.4	114.1	96.4	93.9	151.7	121.4	266.7	85.4	14.5
109.9	114.5	95.4	93.5	152.3	120.7	270.3	86.7	13.8
110.0	113.6	96.0	93.3	141.0	119.7	268.6	87.0	17.2
106.3	112.3	96.6	92.9	138.6	119.2	275.3	87.2	17.1
105.7	112.2	97.7	92.5	134.8	119.1	277.4	86.8	15.6
105.1	111.8	97.7	93.0	129.5	119.3	272.0	87.0	15.1
105.8	112.7	96.8	92.8	127.5	119.0	275.3	87.5	15.1
104.4	113.0	96.5	92.7	123.5	119.2	278.1	87.3	14.8
103.1	113.1	96.7	92.6	125.9	118.6	272.2	86.7	14.9
105.6	110.2	96.8	92.7	127.1	118.1	276.0	85.9	15.0
99.0	109.0	94.7	92.9	127.6	119.1	271.3	85.6	17.2
99.1	108.5	93.5	92.8	123.7	117.5	269.0	85.7	17.2
99.5	108.3	94.0	92.7	123.3	116.2	268.0	83.8	17.2
99.5	109.9	93.8	93.9	123.0	115.9	269.5	81.3	17.2
100.8	108.8	93.4	94.3	127.7	116.2	269.3	81.3	16.7
99.5	110.7	93.4	94.2	128.9	115.0	245.4	80.7	15.5
99.8	110.5	91.2	94.9	127.0	114.1	245.7	79.8	15.6
99.3	108.4	87.5	93.8	126.0	114.0	245.8	79.4	15.7
100.7	108.9	79.9	94.5	125.6	114.0	247.1	79.5	17.6
99.7	106.6	75.3	94.5	125.6	114.8	244.8	79.6	17.8
100.9	106.5	73.8	94.8	124.9	115.8	244.7	79.5	18.1
99.9	105.2	74.1	94.7	123.1	115.7	249.1	79.9	18.3
99.0	103.7	73.7	95.3	115.5	118.0	246.1	79.4	18.4
99.9	103.7	73.1	95.1	115.4	118.8	248.1	79.7	18.4
96.7	104.3	72.6	95.5	115.3	118.3	249.7	79.8	18.7
95.8	104.4	71.9	95.6	109.9	118.1	262.0	80.5	18.6
93.6	104.4	72.0	95.8	113.7	117.1	266.7	81.4	18.6
93.8	105.1	71.7	95.8	116.1	117.2	269.9	83.6	18.7
96.0	105.5	71.1	95.9	116.4	116.8	273.4	84.3	19.7
95.8	105.5	72.3	95.4	120.0	117.0	263.7	84.4	19.3
94.1	105.5	71.5	96.4	119.0	116.6	262.4	82.0	19.3
93.6	104.6	70.9	96.4	120.0	116.3	262.5	82.0	19.6
93.7	105.2	71.3	98.7	117.0	116.7	263.2	82.3	19.4
95.7	105.2	70.9	99.4	119.2	117.1	266.9	83.2	19.4
96.0	106.5	71.1	99.2	112.2	117.9	270.1	86.9	19.9
96.8	107.0	69.9	101.2	113.0	117.2	275.1	87.3	20.8
96.6	108.1	70.4	99.4	113.3	117.0	283.7	86.8	21.2
95.4	108.3	69.8	102.1	128.0	118.4	286.7	87.4	20.6
94.8	106.5	68.0	102.4	125.8	118.1	285.5	88.0	20.5

**Table 6.7**  
**INDEX OF COMPENSATION OF KEY MANUFACTURING ENTERPRISES**  
**BY INDUSTRY: 1990 to 1993**  
**(1985 = 100)**

Year/ Month	Total Manufac- turing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1990								
January	244.1	223.9	470.9	169.3	238.2	239.2	112.3	212.2
February	224.6	207.8	271.8	184.1	251.1	238.7	102.9	202.2
March	231.4	219.3	284.5	194.0	258.8	232.6	109.8	229.2
April	242.2	250.0	405.2	156.1	262.1	233.2	118.1	221.3
May	244.4	241.0	294.2	212.8	257.2	236.4	119.7	217.4
June	241.7	201.7	295.0	191.0	244.3	253.9	124.6	221.9
July	243.1	218.7	292.4	180.1	254.3	230.4	125.5	223.8
August	247.7	219.9	312.8	206.3	246.9	235.0	124.4	201.0
September	239.7	221.8	308.4	177.2	242.8	238.4	130.8	188.3
October	245.0	217.3	309.4	156.3	227.2	231.9	135.1	207.2
November	261.0	235.7	313.1	202.3	239.3	249.6	118.9	201.5
December	311.4	258.2	324.0	293.6	263.4	297.3	200.1	313.6
1991								
January	268.7	287.7	302.0	226.0	237.8	242.0	127.5	209.5
February	262.1	260.4	274.9	209.2	231.7	238.6	129.6	216.4
March	261.4	268.7	292.2	197.4	226.8	240.5	133.9	190.5
April	262.9	264.4	324.4	200.3	220.6	234.0	139.2	178.4
May	286.2	288.1	311.0	234.5	241.1	277.0	136.6	183.2
June	271.0	268.2	298.3	205.7	243.7	272.9	141.2	173.9
July	270.6	259.3	296.5	195.7	238.5	264.9	121.3	186.2
August	277.8	292.5	288.1	214.6	241.5	262.6	124.3	181.9
September	269.1	270.0	287.9	193.9	240.9	239.7	129.4	170.4
October	285.5	280.6	297.8	191.0	245.7	280.8	131.2	186.1
November	291.4	287.0	301.6	189.4	242.3	241.3	128.6	194.1
December	357.5	353.7	436.4	319.3	276.4	342.8	181.6	198.3
1992								
January	278.2	297.9	313.9	203.5	219.0	236.4	110.1	163.7
February	281.1	293.4	300.1	176.7	239.2	256.7	112.5	175.9
March	285.6	307.7	314.8	190.2	244.4	252.4	113.4	176.2
April	291.6	280.1	341.8	212.2	225.6	264.5	119.3	195.5
May	312.7	308.7	344.7	219.8	258.6	251.4	116.4	185.6
June	310.1	287.5	378.4	235.5	253.2	297.9	119.4	192.2
July	301.1	277.2	347.2	262.6	246.8	278.8	115.3	190.2
August	303.5	283.4	351.7	220.1	244.6	269.7	119.1	190.0
September	307.5	304.7	355.4	240.7	264.9	273.4	122.2	181.8
October	312.7	295.1	355.4	261.2	251.5	269.2	125.6	185.5
November	318.0	316.6	361.9	224.2	241.1	271.8	118.8	178.8
December	380.7	376.3	335.3	324.8	269.7	345.0	165.7	189.1
1993								
January	317.4	321.8	366.9	188.7	219.7	238.6	168.9	201.1
February	314.6	306.5	352.4	200.4	225.1	252.8	187.7	186.1
March	327.5	312.4	372.3	200.8	224.4	230.5	167.1	202.1
April	333.2	314.9	419.5	220.3	222.1	262.0	177.4	205.0
May	328.7	327.8	418.8	201.7	227.7	257.0	181.8	210.0

Note: Data are as of the May 1992 publication of Industry Trends.

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

Table 6.7 (continued)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic Mineral Products	Basic Metals	Transport Equipment	Electrical Machinery	Miscellaneous
157.9	212.0	155.8	150.1	261.4	263.3	456.6	202.4	20.5
146.8	221.2	154.6	143.6	266.4	273.3	482.3	210.9	20.3
150.5	222.1	165.7	162.1	283.3	304.6	264.1	219.3	20.8
157.6	215.4	152.7	153.2	390.9	267.8	416.0	224.7	20.0
158.9	246.2	161.2	157.8	263.2	292.4	541.6	223.5	34.9
165.7	240.5	166.5	233.6	297.9	276.2	559.2	237.4	35.4
163.5	242.9	171.2	172.9	287.7	293.6	560.9	238.2	35.3
162.9	239.5	172.9	224.1	251.1	296.6	652.4	234.0	33.6
161.1	240.0	163.8	147.2	275.9	293.6	515.1	239.6	32.1
162.1	242.3	166.8	169.7	269.3	303.6	658.7	230.6	33.1
163.3	252.3	173.4	183.5	308.0	305.2	750.3	246.7	34.3
181.1	282.9	176.4	192.1	340.8	361.9	999.0	321.4	46.3
244.0	265.0	185.3	187.1	293.8	337.2	615.8	239.7	35.7
241.1	259.3	205.6	187.3	289.3	348.3	618.3	243.5	41.4
244.5	255.5	217.8	187.9	305.2	321.1	560.8	261.7	43.9
235.8	248.3	211.4	211.8	304.0	357.1	584.5	255.8	37.8
266.5	260.3	215.8	240.9	318.2	411.0	698.6	257.7	50.2
279.4	260.6	191.6	192.6	315.1	349.9	594.4	245.6	41.6
276.3	272.1	188.0	217.7	296.1	349.5	637.6	257.2	44.6
274.7	272.1	184.0	215.8	292.5	355.0	695.6	238.3	46.9
276.7	267.5	169.6	210.7	312.0	358.3	627.7	253.1	45.7
287.3	269.6	178.6	217.9	303.3	458.3	704.4	249.8	48.4
269.2	277.6	178.3	261.3	298.4	435.8	781.0	319.5	48.3
392.6	321.4	284.1	229.1	354.9	442.8	811.9	411.1	52.2
299.7	272.1	195.2	236.7	292.7	393.4	652.7	276.4	48.8
278.3	275.8	184.8	210.1	288.8	387.5	673.5	297.9	48.8
274.0	291.6	195.8	235.5	305.3	390.7	659.7	270.2	50.9
282.8	290.5	180.9	231.1	303.8	451.0	731.3	292.7	52.6
280.1	309.0	190.7	369.6	291.4	443.1	941.7	287.1	50.6
297.5	291.7	197.7	246.0	300.3	433.9	874.6	295.5	52.5
275.3	304.5	187.1	250.1	312.8	430.9	797.3	296.0	53.5
272.1	298.7	193.7	256.6	331.3	440.4	849.7	288.8	56.4
279.8	319.7	194.4	220.3	317.3	435.8	757.9	294.9	53.4
280.0	320.3	190.6	349.1	312.3	444.9	882.2	282.5	56.9
283.6	337.3	185.7	322.7	319.3	524.4	805.4	309.7	58.1
342.8	355.9	307.1	290.1	371.1	411.0	1,282.5	399.2	60.9
269.2	355.6	192.7	268.1	285.4	434.6	913.7	300.3	57.6
265.3	355.1	200.7	264.7	314.6	403.0	862.3	303.5	50.4
270.8	373.1	207.1	286.4	323.0	444.7	1,015.0	306.5	50.3
275.7	351.8	194.7	276.9	367.0	496.6	942.5	315.6	51.2
263.4	363.4	204.5	391.6	361.9	407.3	833.8	334.8	49.4

Figure 6.2

Index of Value of Production of Key Manufacturing Enterprises: 1992 to 1993

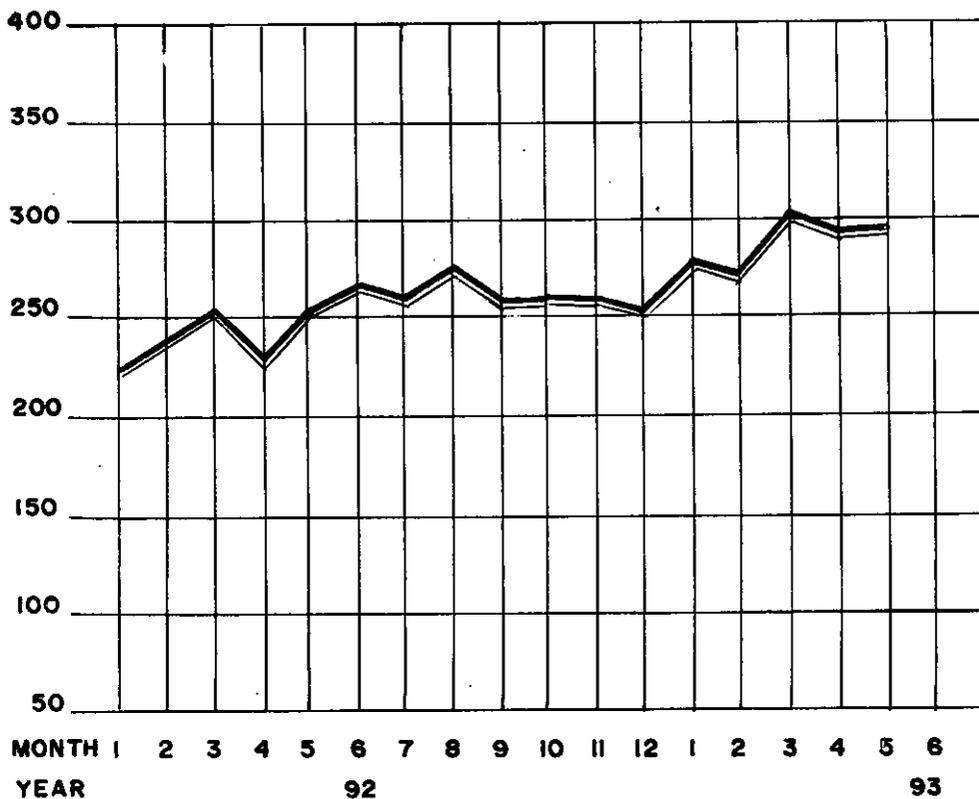


Figure 6.3

Index of Employment of Key Manufacturing Enterprises: 1992 to 1993

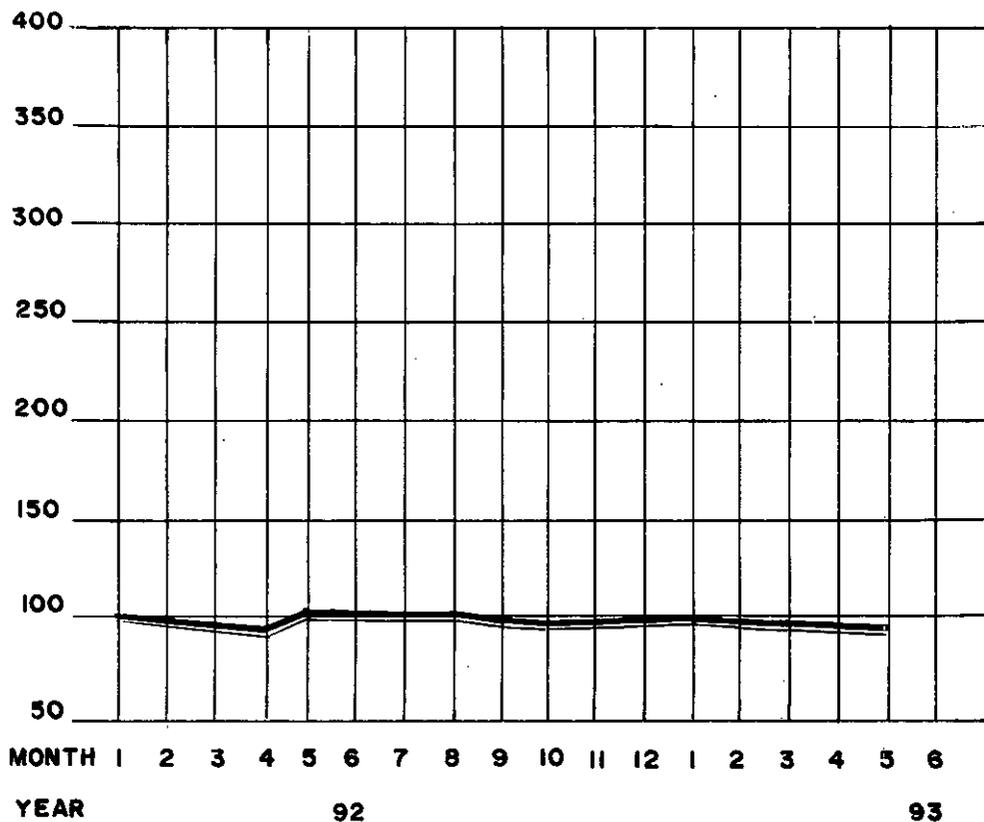
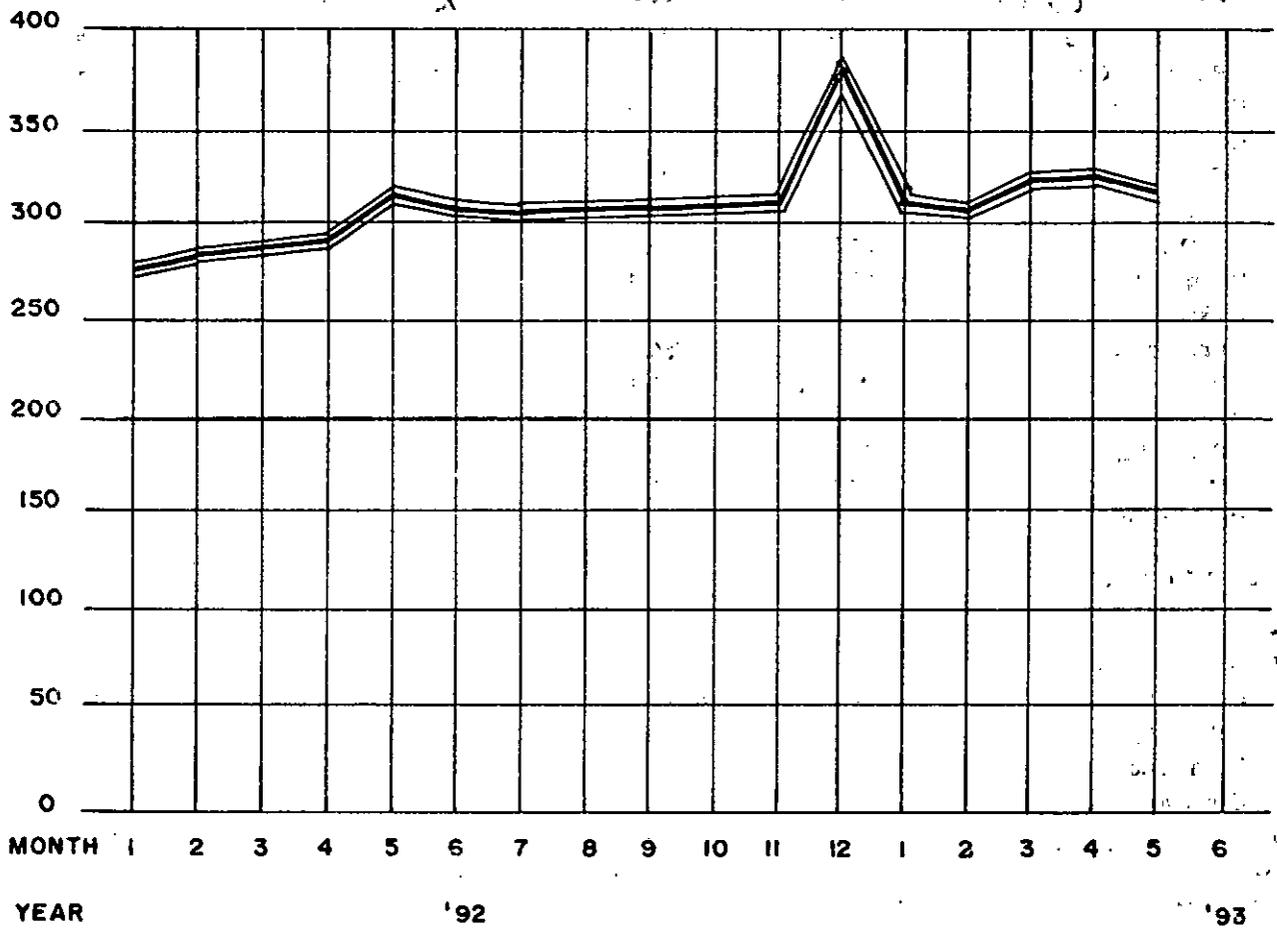


Figure 6.4

Index of Value of Compensation of Key Manufacturing Enterprises: 1992 to 1993



**Table 6.8**  
**MINING PRODUCTION: 1983 to 1992**  
*(Quantity in thousands; value in thousand pesos)*

Mineral/Mineral Products	Unit Used	1983		1984	
		Quantity	Value	Quantity	Value
<b>TOTAL</b>			11,229,124		13,885,920
<b>METALLICS</b>			8,860,264		10,806,321
Precious Metals			4,124,325		4,971,710
Gold 1/	KG	26.1	3,907,180	25.7	4,772,591
Silver 1/	KG	56.7	217,145	49.0	199,119
Base Metals			4,735,939		5,834,611
Chromite:					
Chemical Grade	DMT	-	-	5.4	5,988
Metallurgical Concentrate	DMT	111.8	74,438	105.4	110,116
Metallurgical Ore	DMT	24.5	17,494	17.7	21,152
Refractory Ore	DMT	130.6	162,055	132.5	217,994
Cobalt Metal	MT	0.2	22,934	0.1	26,232
Copper:					
Concentrate	DMT	1,009.3	4,046,609	859.9	4,970,065
Metal 2/	MT	271.4		233.4	
Iron Ore	DMT	2.6	518	-	-
Manganese	DMT	2.2	628	0.6	193
Nickel					
Beneficiated Ore	DMT	350.2	399,976	441.5	175,726
Metal 2/	MT a/	13.9		13.6	290,664
Zinc:					
Concentrate	DMT	4.5	8,677	4.2	16,481
Metal 2/	MT	2.3		2.2	
Other Metals			2,609		-
<b>NON-METALLICS</b>			2,368,859		3,079,600
Bentonite	MT	...	...	...	...
Cement Raw Materials					
Limestone	MT	5,105.9	145,810	3,333.4	153,430
Shale Clay	MT	397.9	10,520	372.1	10,540
Silica Sand	MT	ss	ss	ss	ss
Gypsum	MT	0.5	120	0.6	150
Coal	MT	1,019.6	392,544	1,216.4	1,133,674
Salt	MT	381.9	318,133	401.0	340,857
Silica Sand	MT	482.8	69,510	432.3	46,660
Sand and Gravel	Cu. M	15,093.3	1,022,343	14,583.9	1,142,169
Others			409,880		252,120
Cement 3/	Bags	109,575.4	2,642,590	91,269.8	3,789,890

a/ Nonoc Mining and Industrial Corporation only.

1/ Includes small scale and panning.

2/ Metal equivalent, thus its value is equivalent to the value of its concentrate

3/ Value for cement is excluded in the total mineral production, instead, value for cement raw materials are considered.

Cement in the National Account is classified under the manufacturing sector.

ss - Included in Silica Sand.

Source: Mines and Geo-Sciences Bureau, DENR

Table 6.8 (continued)

1985		1986		1987	
Quantity	Value	Quantity	Value	Quantity	Value
17,855,699		18,272,870		19,506,337	
14,392,083		14,727,040		16,153,088	
	6,274,123		8,569,330		9,584,199
33.1	6,087,879	35.4	8,394,770	32.8	9,352,272
52.4	186,244	51.5	174,560	53.5	231,927
	8,117,960		6,157,710		6,568,889
15.0	18,011	15.9	21,140	19.8	26,594
79.1	131,736	70.6	118,990	48.5	99,956
43.3	55,700	43.7	48,080	21.4	23,863
134.6	221,471	72.0	141,210	99.0	124,706
0.9	334,249	0.1	33,450	-	-
841.3	5,629,951	824.9	5,460,590	817.6	6,141,259
222.2	-	217.0	-	214.1	-
-	-	15.0	1,360	-	-
0.4	103	0.8	450	0.4	178
483.8	239,128	504.9	321,860	367.9	145,230
28.2	1,473,477	12.7	-	8.5	-
3.8	14,134	3.2	10,580	2.3	7,104
1.9	-	1.6	-	1.1	-
	-		-		-
3,463,616		3,545,830		3,353,249	
...	...	...	...	...	...
2,864.9	142,240	3,598.0	95,090	3,926.3	93,584
363.8	15,540	371.5	11,290	522.6	9,221
ss	ss	67.8	5,400	101.3	13,388
0.3	70	13.1	6,790	16.3	9,587
1,258.9	1,509,457	1,235.5	1,149,010	1,169.2	931,030
421.1	365,200	442.1	391,130	466.4	412,647
439.0	27,700	246.0	24,090	213.4	37,844
11,134.6	1,070,919	12,480.8	1,221,340	13,782.7	1,391,984
	332,490		641,690		453,963
76,991.9	3,273,160	68,713.6	2,037,100	83,001.5	2,900,560

**Table 6.8**  
**MINING PRODUCTION: 1983 to 1992 (continued)**  
*(Quantity in thousands; value in thousand pesos)*

Mineral/Mineral Products	Unit Used	1988		1989	
		Quantity	Value	Quantity	Value
<b>TOTAL</b>			<b>22,379,976</b>		<b>23,167,574</b>
<b>METALLICS</b>			<b>17,636,555</b>		<b>17,289,462</b>
Precious Metals			9,069,460		8,120,335
Gold 1/	KG	30.5	8,843,912	30.0	7,925,185
Silver 1/	KG	54.6	225,548	50.6	195,150
Base Metals			8,567,095		9,169,127
Chromite:					
Chemical Grade	DMT	15.2	22,239	18.4	29,709
Metallurgical Concentrate	DMT	36.5	88,180	31.1	64,587
Metallurgical Ore	DMT	31.4	35,004	105.2	109,187
Refractory Ore	DMT	87.9	159,316	93.0	184,639
Cobalt Metal	MT	-	-	-	-
Copper:					
Concentrate	DMT	824.2	7,952,916	743.6	7,948,106
Metal 2/	MT	216.5		191.9	
Iron Ore	DMT	-	-	6.5	281
Manganese	DMT	2.3	846	3.0	601
Nickel					
Beneficiated Ore	DMT	444.6	293,858	658.4	812,043
Metal 2/	MT	10.4		15.4	
Zinc:					
Concentrate	DMT	3.0	14,737	2.5	19,974
Metal 2/	MT	1.4		1.2	
Other Metals			-		-
<b>NON-METALLICS</b>			<b>4,743,420</b>		<b>5,878,113</b>
Bentonite	MT	...	...	6.0	8,937
Cement Raw Materials					
Limestone	MT	3,600.0	287,664	3,831.3	148,175
Shale Clay	MT	860.0	38,700	792.5	28,774
Silica Sand	MT	125.0	8,843	397.1	22,239
Gypsum	MT	2.3	878	2.0	1,600
Coal	MT	1,335.7	1,028,479	1,344.7	1,042,124
Salt	MT	492.1	1,043,395	488.7	1,800,842
Silica Sand	MT	312.0	36,341	184.9	17,011
Sand and Gravel	Cu. M	14,842.3	1,706,861	15,140.1	2,074,197
Others			592,260		734,214
Cement 3/	Bags	107,481.4	3,729,310	151,243.1	9,830,799

a/ Nonoc Mining and Industrial Corporation only.

b/ 1992 figures are only estimates.

1/ Includes small scale and panning.

2/ Metal equivalent, thus its value is equivalent to the value of its concentrate

3/ Value for cement is excluded in the total mineral production, instead, value for cement raw materials are considered.

Cement in the National Account is classified under the manufacturing sector.

ss - Included in Silica Sand.

Source: Mines and Geo-Sciences Bureau, DENR

Table 6.8 (continued)

1990		1991		1992 /b	
Quantity	Value	Quantity	Value	Quantity	Value
	23,615,530		24,065,188		20,669,309
	17,625,384		17,064,138		13,231,005
	8,586,991		8,330,330		6,602,408
29.2	8,415,683	25.9	8,196,155	22.7	6,504,634
47.5	171,308	39.1	134,175	30.9	97,774
	9,038,393		8,733,808		6,628,597
20.2	32,637	19.8	36,457	12.5	23,976
51.2	100,829	18.8	36,425	10.6	11,275
61.8	80,058	89.2	121,895	51.7	54,192
101.4	234,115	82.5	207,464	37.5	59,004
-	-	-	-	-	-
703.1	7,880,169	572.3	7,676,529	521.3	5,908,874
182.0		148.0	(7,676,529)	123.5	(5,908,874)
3.9	155	7.3	475	4.9	298
14.6	23,630	4.1	6,245	3.2	5,203
608.1	686,063	557.2	648,318	560.6	565,774
15.8		13.7	(648,318)	14.0	(565,774)
0.1	738	-	-	-	-
0.1		-	-	-	-
		-	-	-	-
	5,990,146		7,001,050		7,438,303
16.5	11,918	42.0	41,630	31.9	31,577
3,837.0	149,645	5,384.0	215,247	5,091.7	259,951
862.4	33,425	808.0	31,707	742.1	34,987
334.4	18,724	257.5	(28,895)	252.5	(32,687)
2.0	1,600	28.0	22,400	25.0	21,250
1,186.5	1,008,551	1,307.0	1,420,754	1,582.4	1,738,279
490.4	1,801,343	492.9	2,178,437	495.8	2,193,986
292.5	36,450	532.6	57,724	500.3	71,236
15,672.7	2,194,174	15,676.6	2,257,429	15,786.6	2,399,562
	734,315		761,795		673,162
157,687.9	10,856,024	172,285.4	(14,730,405)	163,383.6	(17,155,273)

**Table 6.9**  
**NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION**  
**BY TYPE OF BUILDING AND BY REGION: 1971 to 1992**  
*(Value in thousand pesos; area in thousand square meters)*

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1971	14,963	2,486	443,047	9,193	1,358	230,248
1972	19,589	2,746	529,811	12,519	1,474	263,505
1973	20,668	2,656	589,428	10,956	1,328	296,737
1974	16,736	2,566	996,968	8,742	1,048	354,130
1975	19,133	3,712	2,174,875	10,717	1,667	723,164
1976	41,927	5,216	2,370,228	26,539	2,553	931,289
1977	36,723	4,036	2,286,845	23,216	2,053	939,276
1978	26,828	4,142	2,963,098	14,909	1,830	1,154,953
1979	41,717	6,204	5,224,919	21,753	2,689	2,107,189
1980	39,104	5,881	5,734,241	21,966	2,552	2,339,109
1981	38,805	5,489	6,310,570	23,922	2,477	2,496,437
1982	39,622	5,178	6,042,597	26,352	2,748	2,967,680
1983	46,927	7,233	8,479,016	32,883	3,575	4,114,569
1984	40,577	5,441	8,216,601	28,095	3,129	4,153,690
1985	30,508	4,558	8,285,127	20,244	2,122	3,101,356
1986	31,170	4,026	6,531,456	19,582	2,105	3,317,094
1987	41,712	5,951	11,124,000	27,809	3,118	5,832,042
1988	44,434	7,534	17,341,835	30,181	3,486	6,933,822
1989	44,971	9,992	30,105,858	31,219	5,272	17,488,113

Table 6.9 (continued)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1,897	909	175,545	3,873	219	37,254
2,419	1,057	224,183	4,651	215	42,123
3,079	1,005	228,730	6,633	323	63,961
2,970	1,233	543,556	5,024	285	99,282
3,395	1,714	1,316,066	5,021	331	135,645
6,517	2,104	1,218,561	8,871	559	220,378
4,817	1,571	857,259	8,690	416	490,310
3,981	1,920	1,419,724	7,938	394	388,422
5,342	2,820	2,571,992	14,622	695	545,738
5,453	2,806	2,802,780	11,685	521	592,351
5,622	2,705	3,306,400	9,261	307	507,733
4,203	2,159	535,887	9,067	271	535,887
4,445	3,274	3,722,719	9,599	384	641,722
3,430	1,912	3,392,966	9,053	336	669,945
3,390	2,171	4,573,893	6,843	264	611,451
3,645	1,583	2,325,003	7,943	338	889,359
4,504	2,370	4,108,333	9,399	463	1,183,625
5,067	3,222	7,389,140	9,186	826	3,018,873
5,364	4,264	10,784,224	8,388	456	1,833,516

**Table 6.9**  
**NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION**  
**BY TYPE OF BUILDING AND BY REGION: 1971 to 1992 (continued)**  
*(Value in thousand pesos; area in thousand square meters)*

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1990	44,770	8,128	24,778,691	30,787	4,218	9,816,967
Metropolitan Manila Area (National Capital Region)	12,479	3,806	14,343,523	8,631	1,472	4,797,138
Region 1	2,237	336	898,097	1,490	194	443,004
Region 2	704	130	283,812	456	53	110,391
Region 3	2,568	419	1,110,672	1,967	205	514,389
Region 4	9,777	1,126	3,143,178	8,227	666	1,824,114
Region 5	1,261	212	582,079	874	90	222,873
Region 6	1,966	379	677,407	1,455	261	370,074
Region 7	3,447	568	1,433,399	1,899	248	494,304
Region 8	943	115	228,325	608	544	88,595
Region 9	1,113	123	238,995	686	68	116,803
Region 10	2,380	261	511,608	1,165	128	240,474
Region 11	4,468	468	1,016,190	2,535	216	452,076
Region 12	1,427	186	311,406	794	73	142,732
1991	46,136	6,935	23,858,917	32,339	3,676	10,302,354
Metropolitan Manila Area (National Capital Region)	12,544	2,832	11,844,337	8,757	1,509	4,561,161
Region 1	2,377	410	1,095,382	1,547	183	501,015
Region 2	730	104	303,276	464	54	135,729
Region 3	3,402	457	1,389,486	2,814	243	703,674
Region 4	9,887	1,017	3,430,009	8,340	608	1,958,612
Region 5	1,203	225	555,331	860	140	262,726
Region 6	2,116	273	821,274	1,582	173	485,705
Region 7	3,727	528	1,358,889	2,261	264	586,548
Region 8	1,157	153	702,672	658	61	133,679
Region 9	1,216	126	295,918	743	69	127,171
Region 10	2,876	302	776,161	1,471	141	294,136
Region 11	3,479	375	950,248	1,884	158	382,477
Region 12	1,422	133	335,934	958	73	169,721

Table 6.9 (continued)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
5,467	3,913	12,532,196	8,516	487	2,429,528
1,348	2,048	7,852,990	2,500	286	1,693,395
333	132	383,259	414	11	71,834
162	74	163,331	86	3	10,090
385	190	521,022	216	25	75,261
811	410	1,137,959	739	50	181,105
209	102	294,749	178	19	64,457
312	111	268,921	199	7	38,412
516	282	814,664	1,032	37	124,431
152	52	104,292	183	9	35,438
160	49	107,604	267	5	14,588
287	128	238,025	928	5	33,109
622	228	501,907	1,311	24	62,207
170	107	143,473	463	7	25,201
5,616	2,844	10,797,876	8,181	417	2,758,687
1,289	1,060	5,372,551	2,498	262	1,910,625
396	215	498,537	434	12	95,830
173	48	148,492	93	3	19,055
387	202	618,551	201	12	67,261
820	374	1,213,162	727	35	258,235
213	80	262,974	130	6	29,631
310	90	289,371	224	10	46,198
473	243	689,470	993	21	82,871
253	86	512,704	246	6	56,289
165	47	138,951	308	10	29,796
340	148	422,098	1,065	13	59,927
582	195	486,603	1,013	23	81,168
215	56	144,412	249	4	21,801

**Table 6.9**  
**NUMBER, FLOOR AREA AND VALUE OF PRIVATE BUILDING CONSTRUCTION**  
**BY TYPE OF BUILDING AND BY REGION: 1971 to 1992 (continued)**  
*(Value in thousand pesos; area in thousand square meters)*

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1992	50,794	8,149,989	31,219,747	36,063	3,861,950	13,952,549
Metropolitan Manila Area (National Capital Region)	13,564	3,508,973	14,347,963	9,261	1,621,844	6,671,207
Region 1	2,502	440,413	1,424,261	1,474	177,018	564,181
Region 2	705	117,205	505,996	451	52,598	143,216
Region 3	4,185	535,121	1,976,538	3,538	248,328	873,034
Region 4	11,710	1,227,630	5,654,942	9,832	690,833	2,625,225
Region 5	1,125	198,043	751,975	776	86,276	318,911
Region 6	2,298	332,326	1,103,657	1,538	161,876	496,178
Region 7	3,672	590,723	1,831,761	2,411	276,147	838,364
Region 8	1,128	130,631	403,921	757	71,814	181,732
Region 9	899	116,969	322,792	571	54,538	115,658
Region 10	3,024	340,494	963,643	1,724	170,737	440,175
Region 11	4,580	446,870	1,237,510	2,925	184,636	509,360
Region 12	1,402	164,591	694,788	805	65,305	175,308

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

Notes: 1. From 1971 to 1975, data on private building construction are for selected areas such as Manila, Caloocan, Quezon City, Pasay City, Makati, Mandaluyong, Paranaque, Navotas, San Juan, and other (32) chartered cities. Since 1976, data include those for the twelve regions and the Metropolitan Manila Area.

2. Details do not always add to the total due to rounding.

Source: National Statistics Office.

Table 6.9 (continued)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
6,425	3,692,905	13,439,011	8,306	595,134	3,828,187
1,508	1,513,285	5,253,717	2,795	373,844	2,423,039
442	247,947	742,248	586	15,448	117,832
184	61,089	287,412	70	3,518	75,368
452	269,348	990,939	195	17,445	112,565
996	486,070	2,723,385	882	50,727	306,332
260	105,890	402,998	89	5,877	30,066
382	151,287	490,678	378	19,163	116,801
497	277,216	858,132	764	37,360	135,265
179	52,325	185,526	192	6,492	36,663
146	56,116	186,421	182	6,315	20,713
454	157,023	437,599	846	12,734	85,869
616	223,595	595,969	1,039	38,639	132,181
309	91,714	283,987	288	7,572	235,493

**Table 6.10**  
**NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS**  
**OF NEWLY REGISTERED BUSINESS ORGANIZATIONS: 1971 TO 1992**  
*(Amount in thousand pesos)*

Year	Total		Corporations 1/			Partnerships		Single Proprietorships	
	Number	Initial Paid-up Capital	Number	Subscribed Capital	Initial Paid-up Capital	Number	Initial Paid-up Capital	Number	Initial Paid-up Capital
1971	12,573	584,827	2,429	564,484	217,308	1,171	71,533	8,973	295,986
1972	15,402	624,967	2,664	662,267	281,567	1,471	67,423	11,267	275,977
1973	36,222	991,112	3,841	1,057,219	381,578	2,290	109,423	30,091	500,111
1974	49,722	1,678,279	4,480	2,116,279	892,700	2,256	116,429	42,986	669,150
1975	31,183	1,634,088	4,759	2,229,458	841,000	1,922	121,650	24,502	671,438
1976	31,405	1,867,251	4,828	2,376,867	1,061,000	1,325	88,000	25,252	718,251
1977	44,956	2,420,422	4,545	2,210,453	922,204	1,185	131,293	39,226	1,366,925
1978	39,558	3,238,787	5,039	3,208,094	1,188,112	1,074	84,208	33,445	1,966,467
1979	51,212	2,761,642	5,330	3,478,370	1,219,486	1,034	96,804	44,848	1,445,352
1980	43,182	3,550,367	4,964	3,896,273	1,478,818	1,035	103,520	37,183	1,968,029
1981	5,478 a/	1,542,808 a/	4,493	3,490,514	1,432,478	985	110,330	...	...
1982	71,547	1,630,955	4,344	3,724,364	1,534,776	971	96,179	66,232	...
1983	56,208	1,747,865	4,587	3,805,534	1,635,232	988	112,633	50,633	...
1984	54,895	1,148,589	3,604	2,574,804	1,001,482	876	147,107	50,415	...
1985	80,301	2,068,958	4,269	3,453,736	1,891,130	1,031	177,828	75,001	...
1986	45,800	6,852,976	5,003	3,552,357	1,464,608	999	156,691	39,798	5,231,677
1987	56,644	12,110,333	7,057	7,200,611	2,995,530	1,210	209,881	48,377	8,904,922
1988	72,614	21,834,952	7,809	11,861,519	5,661,014	1,224	234,439	63,581	15,939,499
1989	67,889	24,474,292	9,099	17,277,036	7,817,512	1,355	280,597	57,435	16,376,183
1990	93,539	24,721,736	9,048	19,748,925	12,187,583	1,632	400,651	82,859	12,133,502
1991	111,583	19,370,098	9,021	14,951,479	6,951,028	1,756	468,280	100,806	11,950,790
1992	105,229	31,793,661	9,447	16,823,029	8,507,904	1,791	572,650	93,991	22,713,107

1/ Includes cooperatives and excludes non-stock corporations.

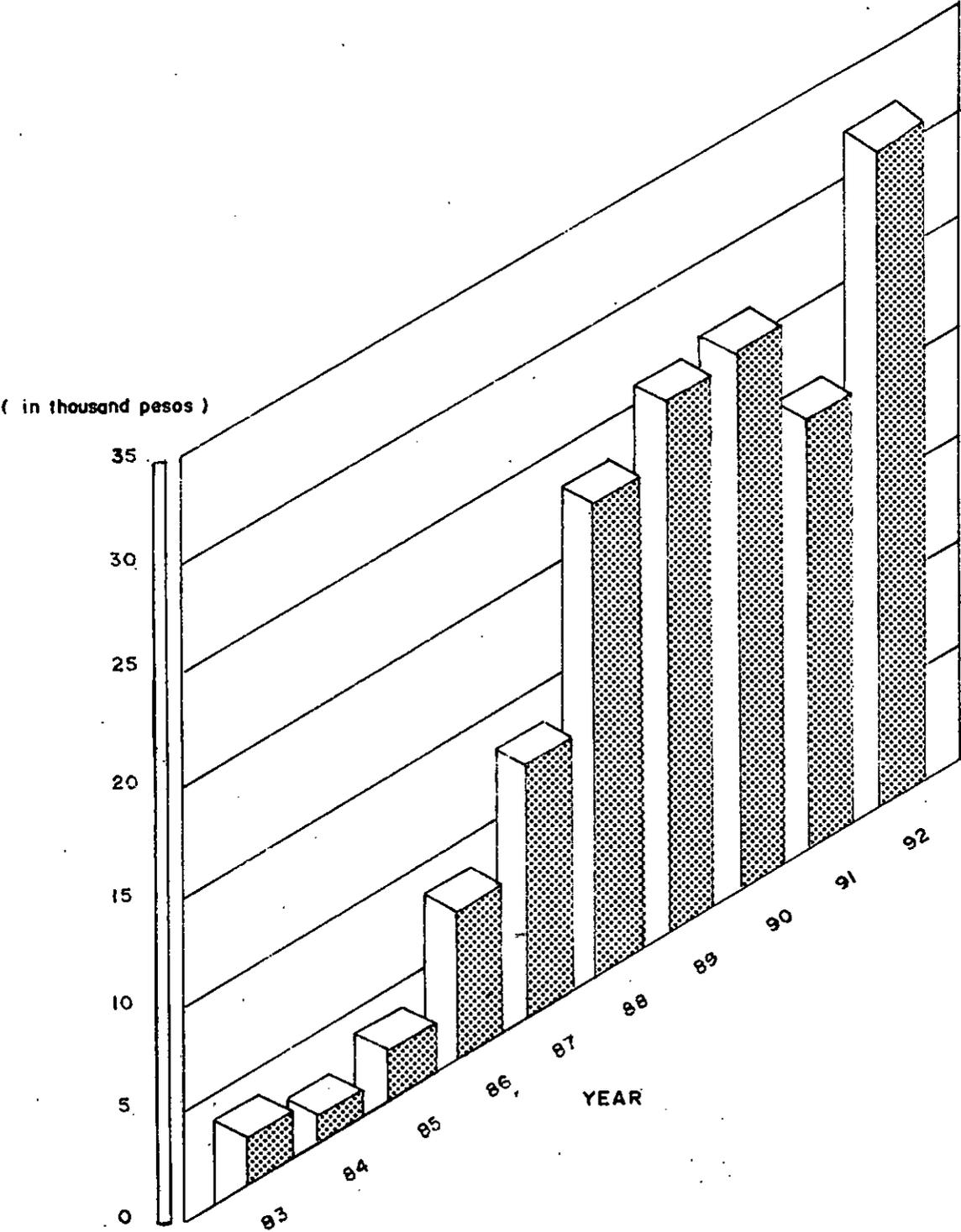
a/ Total refers to corporations and partnerships only.

Sources: Securities and Exchange Commission

Bureau of Trade Regulations and Consumer Protection, DTI

Figure 6.5

Initial Paid-Up Capital Investments of Newly Registered Business Organizations: 1983 to 1992



**Table 6.11**  
**INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED**  
**DOMESTIC STOCK CORPORATIONS AND PARTNERSHIPS BY NATIONALITY**  
**AND BY KIND OF BUSINESS: 1985 to 1992**  
*(In thousand pesos)*

Year/ Nationality	All Industries	Agriculture, Fishery and Forestry	Mining and Quarrying	Manufacturing
1985	2,068,960	128,211	23,012	455,576
Filipino	2,014,586	125,038	19,890	436,296
Chinese	10,781	823	402	4,857
American	9,066	1,281	2,650	1,099
Others	34,527	1,069	70	13,324
1986	1,587,893	154,131	26,426	254,043
Filipino	1,522,173	148,767	23,431	229,987
Chinese	11,015	2,432	107	3,368
American	22,154	1,290	234	10,583
Others	32,551	1,642	2,654	10,105
1987	3,205,411	235,228	64,080	786,331
Filipino	2,476,890	206,078	49,611	439,411
Chinese	46,313	4,547	2,991	26,435
American	21,060	1,117	837	9,340
Others	661,148	23,486	10,641	311,145
1988	5,895,429	229,250	89,357	1,293,930
Filipino	3,153,319	179,439	32,308	593,037
Chinese	327,198	12,210	580	116,976
American	48,820	2,043	8,526	15,212
Others	2,366,092	35,558	47,943	568,705
1989	8,098,909	258,300	211,017	1,902,297
Filipino	4,942,984	211,000	197,875	603,812
Chinese	413,832	10,449	767	199,191
American	141,580	5,592	526	49,665
Others	2,600,513	31,259	11,849	1,049,629
1990	2,836,247	25,241	24,992	1,203,437
Filipino	1,002,821	9,579	9,552	338,913
Chinese	93,388	3,751	4,611	23,761
American	151,697	1,186	595	109,500
Others	1,588,341	10,725	10,234	731,263
1991	11,934,861	263,804	136,430	5,770,399
Filipino	5,025,323	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	8,507,904	194,097	82,527	1,963,120
Filipino	7,094,984	165,637	75,965	1,233,100
Chinese	281,745	5,690	1,160	110,426
American	111,810	1,163	0	40,475
Others	1,019,366	21,609	5,403	579,121

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

Source: Securities and Exchange Commission.

Table 6.11

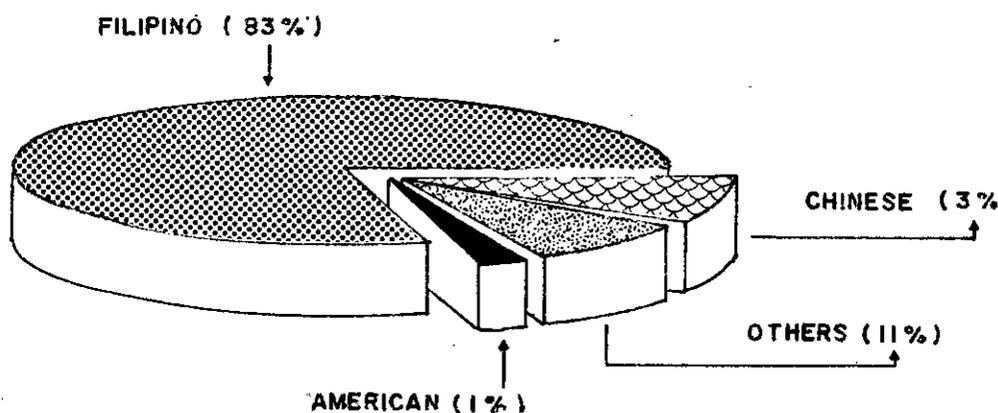
Construction	Electricity, Gas and Water	Wholesale and Retail Trade	Real Estate, Insurance Banks and Financial Institutions	Transport, Storage and Communication	Community, Social and Personal Services
78,915	438	712,853	464,245	134,621	71,089
77,948	438	702,956	452,507	130,068	69,445
156	-	3,346	698	341	158
101	-	937	1,617	777	604
710	-	5,614	9,423	3,435	882
164,813	-	262,286	487,624	144,308	94,262
163,686	-	248,161	477,061	139,537	91,543
10	-	2,553	1,940	384	221
620	-	3,867	4,311	861	388
497	-	7,705	4,312	3,526	2,110
84,139	1,262	408,818	1,237,357	267,960	120,236
80,994	1,262	357,339	1,039,095	197,652	105,448
88	-	6,791	3,041	912	1,508
7	-	2,353	5,595	104	1,707
3,050	-	42,335	189,626	69,292	11,573
141,567	2,525	596,024	3,098,707	200,344	243,725
129,218	2,225	402,398	1,515,705	167,300	131,689
496	-	17,028	174,797	449	4,662
871	-	4,163	16,438	447	1,120
10,982	300	172,435	1,391,767	32,148	106,254
276,162	625	1,015,578	3,871,848	274,813	288,269
233,380	625	862,549	2,343,189	243,819	246,735
20,362	-	20,725	159,677	1,513	1,148
804	-	9,247	74,457	689	600
21,616	0	123,057	1,294,525	28,792	39,786
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	212,169	780,694	3,528,496	313,466	858,087
22,476	212,069	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
338,075	155,214	1,026,364	3,809,272	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

**Table 6.12**  
**CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS**  
**AND PARTNERSHIPS, PHILIPPINES: 1971 TO 1992**  
*(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	229	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	6,692.2
1989	969	13,890.4	104	983.4	12,907.0
1990	1,020	19,267.4	106	2,365.3	16,902.1
1991	1,019	25,169.9	183	3,527.8	21,642.1
1992	1,059	31,717.0	110	2,583.2	29,133.8

Source: Securities and Exchange Commission.

**Figure 6.6** Initial Paid-Up Capital Investments of Newly Registered Domestic Stock Corporations and Partnership by Nationality: 1992



**Table 6.13 - EQUITY INVESTMENTS IN PROJECTS APPROVED  
BY THE BOI UNDER E.O. 226: 1990 to 1991  
(In thousand pesos)**

Industry	Total	Philippines		Foreign	
		100% Wholly Owned	In Joint Venture	100% Wholly Owned	In Joint Venture
January - December 1990					
All industries	48,033,894	12,188,884	12,475,175	11,481,633	11,888,202
Agriculture	687,311	242,327	144,256	119,175	181,553
Fishery	100,853	68,733	16,768	6,088	9,272
Mining	3,653,267	1,190,102	1,521,856	62,197	879,112
Manufacturing	22,810,517	3,888,922	6,488,304	4,565,748	7,867,543
Energy-related projects	4,396,875	19,037	129,600	4,161,838	86,400
Public utilities	1,421,054	1,306,749	76,733	-	37,572
Industrial Estate Dev't.	4,427,128	2,093,184	1,780,304	-	553,640
Export traders	56,863	33,567	1,505	-	21,791
Commerce (Others)	781,567	-	368,763	205,199	207,605
Service exporters	114,000	-	28,340	-	85,660
Tourism oriented projects	6,093,722	3,337,014	794,368	696,627	1,265,713
Agricultural Farm Services	16,095	9,249	4,108	-	2,738
Service (Others)	2,053,667	-	594,516	1,048,556	410,595
Construction	797,668	-	156,888	594,520	46,260
Financial institution	95,009	-	34,900	-	60,029
Real estate	506,613	-	333,894	-	172,719
Regional headquarters	21,685	-	-	21,685	-
January - December 1991					
All industries	43,567,941	6,948,817	15,225,141	4,753,450	16,640,533
Agriculture	1,009,590	188,811	195,513	122,456	502,810
Forestry	950	450	300	-	200
Fishery	234,514	161,034	67,541	-	5,939
Mining	1,181,903	84,706	787,785	3,150	306,262
Manufacturing	27,484,657	4,875,227	9,588,354	2,228,094	10,792,982
Energy-related projects	5,468,018	187,218	1,825,600	-	3,455,200
Public utilities	612,235	438,765	140,222	-	33,248
Export traders	14,370	2,620	7,170	-	4,580
Service exporters	63,612	-	50,890	-	12,722
Tourism oriented projects	2,825,664	972,740	1,126,872	19,754	706,298
Infrastructure/Individual Services	362,429	37,246	198,783	-	126,400
Research and Development	279,638	-	3,388	259,335	16,915
Commerce (Others)	868,332	-	314,570	395,782	157,980
Service (Others)	1,656,769	-	228,028	1,231,384	197,357
Construction	495,520	-	17,821	468,345	9,354
Financial institution	70,240	-	40,370	1,400	28,470
Real estate	915,750	-	631,934	-	283,816
Regional headquarters	23,750	-	-	23,750	-

Source: Board of Investments.

**Table 6.14**  
**AMOUNT OF INVESTMENTS APPROVED UNDER E.O. 226**  
**BY COUNTRY : 1971 to 1992**  
*(In thousand pesos)*

Year	Total	Local	Foreign		
			Sub- total	Australia/ Oceania	Asia
1971	530,249	381,771	148,478	-	36,987
1972	578,117	269,594	308,523	261	37,625
1973	1,001,979	463,865	538,114	2,056	126,456
1974	2,558,934	1,128,839	1,430,095	67,342	770,489
1975	820,404	409,465	410,939	56,743	184,422
1976	1,509,943	888,692	621,251	53,167	134,780
1977	890,487	552,473	338,014	9,289	153,365
1978	1,475,057	890,633	584,424	11,974	180,807
1979	2,752,464	1,990,585	761,879	56,396	173,994
1980	4,276,439	2,500,764	1,775,675	15,487	421,328
1981	5,541,351	3,549,197	1,992,154	367,667	338,357
1982	6,661,716	4,478,972	2,182,744	536,286	189,880
1983	5,217,296	2,239,487	2,977,809	61,129	200,716
1984	6,114,279	2,213,759	3,900,520	147,746	1,309,047
1985	4,700,654	2,251,046	2,449,608	8,976	719,657
1986	3,146,278	1,552,528	1,593,750	97,114	662,582
1987	8,360,162	4,932,820	3,427,342	80,890	1,621,207
1988	16,944,582	7,421,166	9,523,416	175,849	5,347,449
1989	39,684,333	22,203,967	17,480,366	521,361	11,568,472
1990	48,033,894	24,664,059	23,369,835	318,281	17,717,497
1991	43,560,752	22,171,403	21,389,349	157,413	8,436,310
1992	27,752,729	20,502,343	7,250,386	14,901	3,750,600

Source: Board of Investments.

Table 6.14 (continued)

North America	Central America	South America	Foreign				Others
			Europe	Africa	Middle East		
71,612	88	-	3,849	-	-	35,942	
206,914	-	-	35,258	-	-	28,465	
236,033	6,500	-	120,469	-	-	46,600	
307,641	7,355	-	230,111	-	190	46,967	
124,349	5,474	-	35,950	-	205	3,796	
233,069	1,870	-	184,505	-	-	13,860	
97,322	1,075	-	71,883	900	90	4,090	
285,819	1,442	-	100,058	100	1,019	3,205	
224,632	7,540	659	224,587	60	3,475	70,536	
288,130	3,806	-	1,011,327	772	800	34,025	
497,727	9,587	5	749,986	17,948	1,364	9,513	
1,032,451	3,541	2	368,190	1,249	2,383	48,762	
2,053,957	400,833	30	245,437	5,025	7,600	3,082	
1,724,186	995	-	713,042	1,500	2,430	1,574	
1,090,331	200	-	601,690	26,056	2,672	26	
460,795	16,781	75	338,356	4,801	4,186	9,060	
800,435	360,134	-	544,740	4,511	2,760	12,665	
3,236,898	144,808	-	573,097	34,047	277	10,991	
3,095,833	59,728	-	1,594,683	12,140	23,971	604,178	
2,523,898	895,243	30	1,088,491	162,447	3,543	660,405	
2,446,344	512,008	539	9,068,140	16,526	3,642	748,427	
1,623,033	101,361	87,731	1,222,887	16,990	1,950	430,933	

# **7 FOREIGN TRADE: BALANCE OF PAYMENTS**

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 like export development, promotional and diversification as well as import rationalization adopted by the country. 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.

Philippine foreign trade statistics are compiled by the National Statistics Office (NSO) from copies of import and export entries submitted by importers and exporters or their authorized representatives to the Bureau of Customs. The Central Bank of the Philippines also compiles and releases data on foreign trade until 1973, since then the NSO became the sole agency responsible for the tabulation and release of statistics on foreign trade.

The balance of payments is an aggregate account that summarizes the country's relations with the rest of the world. Its impact on the country's economy is felt in terms of its effects on the achievement of macroeconomic goals. Statistics on balance of payments included in this chapter deal with the goods and services and the consolidated accounts of the balance of payments. The major source of the data on balance of payments is the Central Bank of the Philippines (CBP).

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**Table 7.1**  
**FOREIGN TRADE OF THE PHILIPPINES**  
**1970 to 1992**  
**(F.O.B. value in million U.S. dollars)**

Year	Total Trade	Value	Exports Percent to Total Trade	Average Exchange Rate (P/U.S.\$)	Value	Imports Percent to Total Trade	Average Exchange Rate (P/U.S.\$)	Balance of Trade Favorable (+) Unfavorable (-)
1970	2,301.49	1,142.19	49.63	5.995	1,159.30	50.37	6.069	(17.11)
1971	2,450.08	1,189.25	48.54	6.400	1,260.83	51.46	6.480	(71.58)
1972	2,502.03	1,168.43	46.70	6.641	1,333.60	53.30	6.725	(165.17)
1973	3,433.81	1,837.19	53.50	6.722	1,596.62	46.50	6.807	240.57
1974	5,868.25	2,724.99	46.44	6.754	3,143.26	53.56	6.839	(418.27)
1975	5,753.65	2,294.47	39.88	7.212	3,459.18	60.12	7.302	(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	10,742.94	4,601.19	42.83	7.341	6,141.75	57.17	7.433	(1,540.56)
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	11.049	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	20.557	6,736.97	54.08	20.565	(1,016.73)
1988	15,233.57	7,074.20	46.44	21.065	8,159.38	53.56	21.065	(1,085.18)
1989	18,239.53	7,821.08	42.88	21.703	10,418.82	57.12	21.738	(2,597.74)
1990	20,392.19	8,186.03	40.14	24.200	12,206.16	59.86	24.381	(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	14,158.93	59.64	25.921	(4,194.62)

Source: National Statistics Office

**Table 7.2**  
**DIRECTION OF TRADE**  
**1983 to 1992**  
*(F.O.B. value in thousand; U.S. dollars)*

Countries	1983		1984		1985		1986		1987
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
<b>Total</b>	<b>7,486,627</b>	<b>5,005,291</b>	<b>6,069,612</b>	<b>5,390,646</b>	<b>5,110,673</b>	<b>4,628,954</b>	<b>5,043,597</b>	<b>4,841,781</b>	<b>6,736,967</b>
<b>ASEAN Countries</b>	<b>671,078</b>	<b>352,761</b>	<b>728,117</b>	<b>516,048</b>	<b>739,368</b>	<b>530,262</b>	<b>427,731</b>	<b>350,833</b>	<b>636,041</b>
Indonesia	171,421	30,147	201,629	8,348	184,736	18,280	128,328	27,933	89,253
Malaysia	154,650	162,495	363,112	177,982	369,705	173,767	145,992	97,975	267,940
Singapore	280,451	140,254	116,022	320,453	134,457	250,099	124,394	157,628	232,246
Thailand	64,556	19,865	47,354	9,265	50,470	88,116	29,017	67,297	46,602
<b>Other Countries</b>	<b>5,851,377</b>	<b>4,309,510</b>	<b>4,777,485</b>	<b>4,452,206</b>	<b>3,949,171</b>	<b>3,753,994</b>	<b>3,970,552</b>	<b>4,123,753</b>	<b>5,214,664</b>
Australia	171,473	76,179	127,162	89,606	159,007	80,546	145,008	69,170	201,804
Bahrain	37	1,460	20	1,776	2	1,229	3,138	1,142	6,021
Canada	54,173	69,829	42,924	81,077	30,856	73,961	37,403	68,882	84,468
France	88,546	91,496	184,176	96,296	71,829	86,978	82,155	111,461	126,040
Hongkong	256,695	170,711	234,258	232,429	197,653	187,378	257,929	222,481	312,072
Italy	53,542	37,357	24,900	28,273	31,684	28,536	23,405	24,738	35,260
Japan	1,266,000	1,015,036	814,544	1,042,697	734,508	874,635	868,258	851,084	1,121,166
Kuwait	286,471	7,051	382,442	8,077	220,151	5,951	105,050	4,719	315,862
Netherlands	75,841	225,587	52,474	124,273	42,280	145,210	71,311	246,647	91,927
People's Republic of China	122,151	29,392	220,256	60,186	276,085	79,793	110,686	104,689	205,562
Romania	1,725	-	3,534	-	5,759	-	1,416	3	8
Saudi Arabia	812,545	41,931	420,050	33,007	268,340	39,130	218,479	44,043	212,606
Korea, Republic of	158,079	148,192	146,304	98,872	203,678	71,671	170,059	112,243	198,247
Taiwan	213,242	74,886	177,756	91,449	177,909	86,099	279,663	123,666	372,430
United Kingdom	181,075	234,669	121,070	224,705	102,923	167,104	108,872	230,062	150,516
United States	1,739,106	1,799,570	1,629,439	2,002,629	1,273,288	1,618,261	1,252,817	1,651,697	1,485,276
Russia Federation	15,811	86,994	3,348	54,402	11,363	32,706	14,557	15,424	13,759
Germany, Federal Republic of	354,865	199,170	192,828	182,452	141,856	174,806	220,346	241,602	281,640
Others	1,635,250	695,781	1,292,127	938,440	1,161,502	874,960	1,073,045	718,028	1,522,303

Source: National Statistics Office.

Table 7.2 (continued)

1987		1988		1989		1990		1991		1992	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	
5,720,238	8,159,378	7,074,190	10,418,821	7,821,082	12,206,160	8,186,027	12,051,361	8,839,514	14,518,929	10,215,344	
506,849	719,973	491,351	882,762	530,948	1,077,860	583,823	925,781	614,486	1,257,249	909,879	
65,425	84,069	27,165	157,826	56,182	181,563	60,937	162,227	41,943	181,129	40,273	
119,222	249,125	116,893	150,272	98,993	272,461	126,805	214,082	122,274	387,100	518,849	
196,611	335,120	223,949	492,550	220,795	486,660	239,632	455,275	229,454	550,851	252,323	
125,591	51,659	123,344	82,114	154,978	137,176	156,449	94,197	220,815	138,169	98,434	
4,852,917	6,118,057	6,071,948	7,829,754	6,660,873	9,107,507	7,151,954	9,987,803	7,642,141	13,261,680	9,305,465	
88,790	282,782	110,601	347,331	124,338	369,435	96,382	380,167	103,898	406,656	112,596	
1,273	1,080	1,537	1,057	1,663	4,045	2,276	172	4,035	2,737	5,622	
83,382	80,927	107,712	158,184	127,424	167,490	122,895	824,597	209,722	200,794	159,830	
125,801	121,454	165,309	165,995	152,154	151,222	143,946	140,269	164,845	211,796	178,886	
279,209	373,863	346,368	481,130	304,784	554,578	330,470	595,989	391,620	720,853	463,657	
35,493	112,493	40,066	67,041	47,980	87,998	61,009	101,659	78,497	120,229	99,611	
981,492	1,421,309	1,420,374	2,043,224	1,585,856	2,232,046	1,615,978	2,347,081	1,763,190	3,086,788	1,745,424	
8,217	182,166	6,702	172,272	8,937	194,295	5,507	-	2,737	82,716	6,883	
310,554	127,634	316,051	203,112	329,224	170,221	357,081	144,176	338,420	180,354	406,262	
87,950	242,282	66,802	221,105	50,235	162,102	61,764	223,499	127,769	183,745	113,895	
-	-	-	17,111	10	12,486	1,237	17,132	5,156	14,904	566	
56,627	111,231	49,137	250,839	57,099	546,238	63,951	642,862	59,458	873,575	57,037	
107,798	330,899	160,548	422,859	175,246	477,993	229,504	608,637	227,921	696,828	175,824	
144,388	510,738	200,834	701,799	210,298	805,570	209,263	824,597	209,722	959,545	286,789	
246,343	161,347	327,649	170,817	328,600	247,886	350,531	214,930	371,642	299,808	466,758	
1,976,191	1,715,032	2,432,431	1,978,990	2,796,273	2,365,532	3,094,588	2,424,614	3,065,621	2,619,031	3,712,826	
26,700	22,486	21,941	18,601	25,897	26,238	15,199	31,977	15,495	84,176	7,751	
292,709	320,334	297,886	408,287	334,855	532,132	390,373	465,445	502,393	669,921	521,740	
867,321	2,041,321	1,002,242	2,589,067	1,160,209	3,098,653	1,034,073	2,063,558	1,197,373	1,847,224	783,508	

**Table 7.3**  
**PHILIPPINE EXPORTS BY MAJOR COMMODITY GROUPS**  
**1983 to 1992**  
**(F.O.B. value in million U.S. dollars)**

Major commodity group	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<b>Total</b>	<b>5,005</b>	<b>5,391</b>	<b>4,629</b>	<b>4,842</b>	<b>5,720</b>	<b>7,074</b>	<b>7,821</b>	<b>8,186</b>	<b>8,840</b>	<b>9,824</b>
Coconut products	680	727	459	470	560	577	532	496	440	663
Copra	4	-	-	18	32	28	25	20	19	11
Coconut oil	516	580	347	333	380	408	376	361	300	481
Desiccated coconut	88	106	76	44	75	78	78	61	66	88
Copra meal or cake	72	41	36	75	73	63	53	54	55	53
Sugar and sugar products	321	327	189	108	78	83	103	134	146	122
Centrifugal & refined sugar	299	290	169	87	60	60	80	112	115	88
Molasses	17	33	16	16	10	14	23	22	21	22
Others	5	4	4	5	8	9	-	-	10	12
Forest products	331	323	246	251	306	339	284	95	225	152
Logs	74	88	39	26	*	1	*	-	-	-
Lumber	149	107	90	103	154	156	136	19	12	19
Plywood	76	56	51	56	67	78	37	59	43	40
Others	32	72	66	66	83	105	111	17	170	93
Mineral products	440	266	243	267	224	383	424	361	309	319
Copper concentrates	249	115	84	90	109	216	237	207	174	140
Gold	154	104	100	140	90	118	109	90	64	162
Iron ore and concentrates	-	-	-	-	-	-	-	81	-	-
Chromite ore	10	19	12	10	7	13	18	17	16	14
Others	27	28	47	27	18	36	60	47	55	3
Fruits and vegetables	327	392	354	346	382	418	180	269	497	504
Pineapple products	102	115	128	128	136	130	24	120	27	43
Banana	105	122	113	130	121	146	146	149	173	158
Others	120	155	113	88	125	142	10	-	297	303
Abaca products	25	37	31	35	47	41	28	21	27	28
Abaca unmanufactured	18	33	16	13	12	16	18	16	17	23
Abaca rope	7	4	15	22	35	25	10	5	10	5
Tobacco products	35	31	28	26	23	26	26	48	67	43
Raw tobacco	33	28	24	21	18	19	17	20	40	34
Cigars and others	2	3	4	5	5	7	9	28	27	11
Mineral fuel and lubricants	115	87	42	66	97	153	118	155	211	238
Chemicals	87	104	151	243	245	256	279	261	92	269
Textiles	25	38	39	44	68	71	88	93	100	121
Miscellaneous manufactures and others	2,698	3,076	2,997	3,161	3,854	4,974	6,056	6,512	6,734	7,657
Re-exports	33	125	40	112	149	80	70	95	184	98

Source: National Statistics Office.

Figure 7.1 Foreign Trade of the Philippines: 1983 to 1992

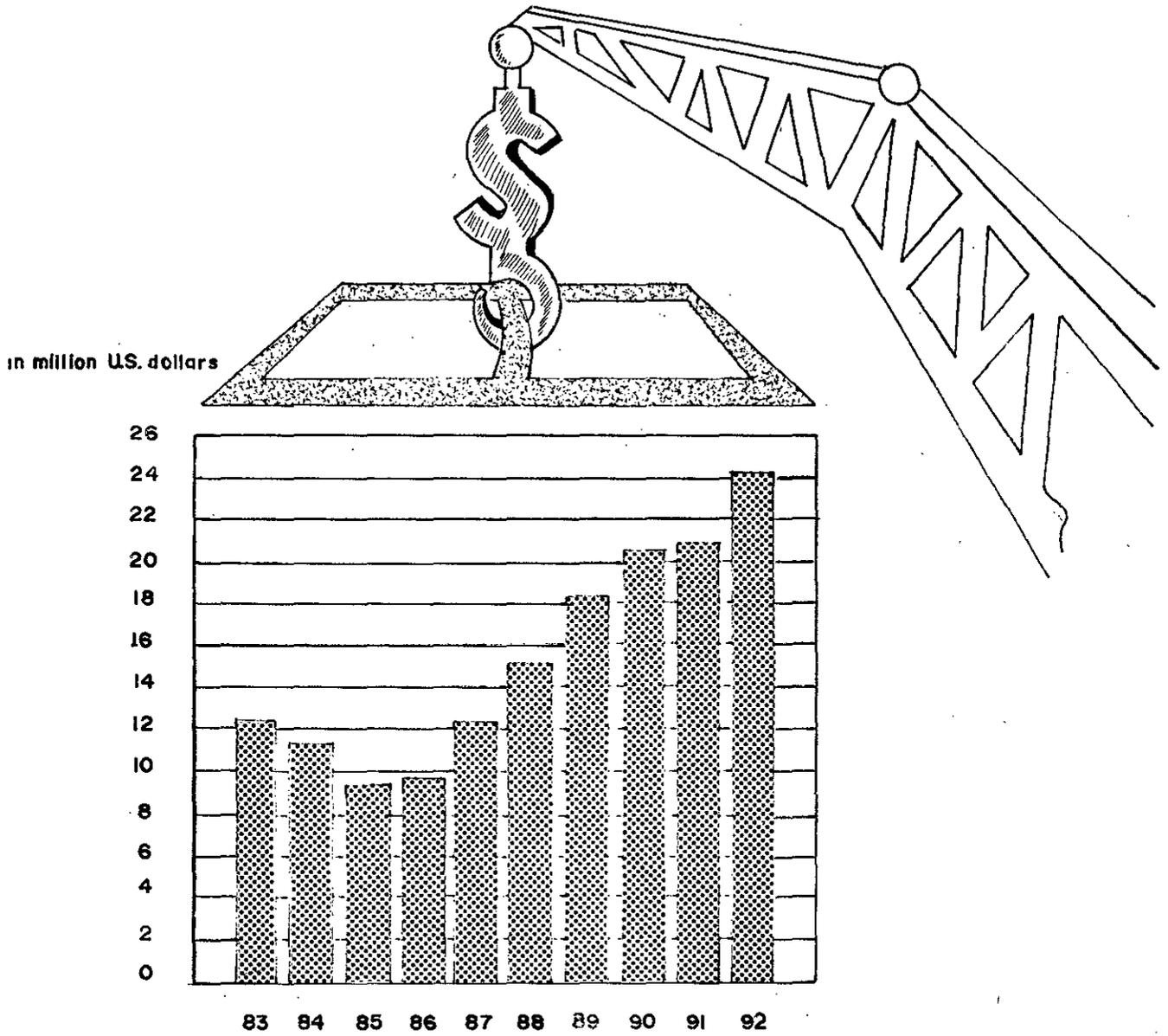


Table 7.4

## TOTAL EXPORTS AND TEN TRADITIONAL EXPORTS

1971 to 1992

(F.O.B. value in thousand U.S. dollars; quantity in thousand kilograms)

Year	Total	Value of Exports		Copra		Sugar	
		Ten Traditional	Others	Quantity	Value	Quantity	Value
1971	1,189,250	917,607	271,643	692,464	114,040	1,344,677	212,348
1972	1,168,430	869,900	298,530	925,640	110,480	1,210,939	208,639
1973	1,837,188	1,359,329	477,859	734,431	165,764	1,470,337	273,966
1974	2,724,989	2,144,310	580,679	267,697	139,784	1,542,081	737,365
1975	2,294,470	1,618,680	675,790	761,147	172,318	927,217	580,736
1976	2,573,676	1,587,929	985,747	822,736	149,722	1,455,998	426,522
1977	3,150,887	1,899,985	1,250,902	634,636	200,525	2,418,990	511,708
1978	3,424,876	1,750,409	1,674,467	365,241	135,684	1,124,245	196,903
1979	4,601,190	2,232,393	2,368,797	144,743	89,128	1,150,296	211,553
1980	5,787,788	2,634,693	3,153,095	121,452	47,253	1,735,257	624,034
1981	5,720,397	2,315,000	3,407,157	108,313	33,634	1,222,041	566,560
1982	5,020,593	1,871,678	3,148,915	177,730	49,218	1,247,520	416,028
1983	5,005,291	1,729,728	3,275,563	16,125	4,441	962,761	299,345
1984	5,390,646	1,645,839	3,744,807	-	-	1,157,932	307,649
1985	4,628,954	1,124,572	3,504,382	-	-	571,596	168,662
1986	4,841,780	1,067,601	3,774,180	125,331	17,600	222,245	86,796
1987	5,720,238	1,121,708	4,598,530	128,688	31,993	162,950	60,316
1988	7,074,190	1,311,415	5,762,775	80,264	27,992	142,597	60,198
1989	7,821,082	1,299,247	6,521,835	79,415	25,188	187,132	79,978
1990	8,186,027	1,123,607	7,062,420	97,258	20,455	246,979	111,377
1991	8,839,514	1,065,354	7,774,160	80,686	18,552	277,746	146,414
1992	9,824,314	1,256,106	8,568,208	34,200	11,182	208,059	87,502

1/ In thousand bd. ft.

Source: National Statistics Office.

Table 7.4 (continued)

Bananas		Logs and Lumber		Desiccated Coconut		Coconut Oil	
Quantity	Value	Quantity 1/	Value	Quantity	Value	Quantity	Value
267,243	15,389	3,644,749	225,907	72,666	20,741	397,420	103,451
422,421	24,326	3,098,315	174,444	75,987	17,551	465,775	84,269
465,786	27,831	3,468,890	338,680	78,049	32,456	427,373	151,083
662,999	45,479	2,108,521	245,711	63,909	60,300	416,120	380,020
882,742	73,104	2,055,477	194,110	66,245	30,429	614,387	230,299
796,177	75,618	1,197,556	403,417	81,003	37,494	862,497	298,713
692,688	72,461	1,060,138	200,516	97,952	90,047	769,631	412,237
776,495	84,127	2,783,320	230,058	90,856	81,888	1,016,998	620,571
858,606	96,685	2,162,996	342,752	85,814	107,001	803,483	742,513
992,707	114,184	1,456,334	273,207	87,164	115,991	917,607	566,848
868,556	124,024	1,252,360	201,864	86,337	101,788	1,039,900	533,466
926,684	146,108	1,343,082	202,173	90,251	68,283	921,237	401,026
643,375	104,725	1,513,903	222,755	89,362	87,909	998,252	515,811
799,649	122,256	1,382,879	194,349	76,618	105,964	587,575	580,241
789,251	113,492	961,303	129,652	64,752	75,666	650,605	347,377
855,743	130,222	786,562	129,712	67,893	44,269	1,249,448	332,783
774,983	121,243	651,759	154,587	95,154	75,293	1,031,213	380,543
866,793	146,013	644,288	157,183	88,078	78,290	792,880	408,066
851,231	146,351	443,905	136,494	94,517	75,755	763,488	376,801
839,779	149,279	81,247	19,512	75,341	60,677	1,134,540	360,749
955,471	173,056	30,177	12,037	80,737	66,241	839,890	298,533
820,770	157,734	18,934	11,598	85,215	87,510	781,399	481,161

Table 7.4 (continued)

**TOTAL EXPORTS AND TEN TRADITIONAL EXPORTS**

1971 to 1992

(F.O.B. value in thousand U.S. dollars; quantity in thousand kilograms)

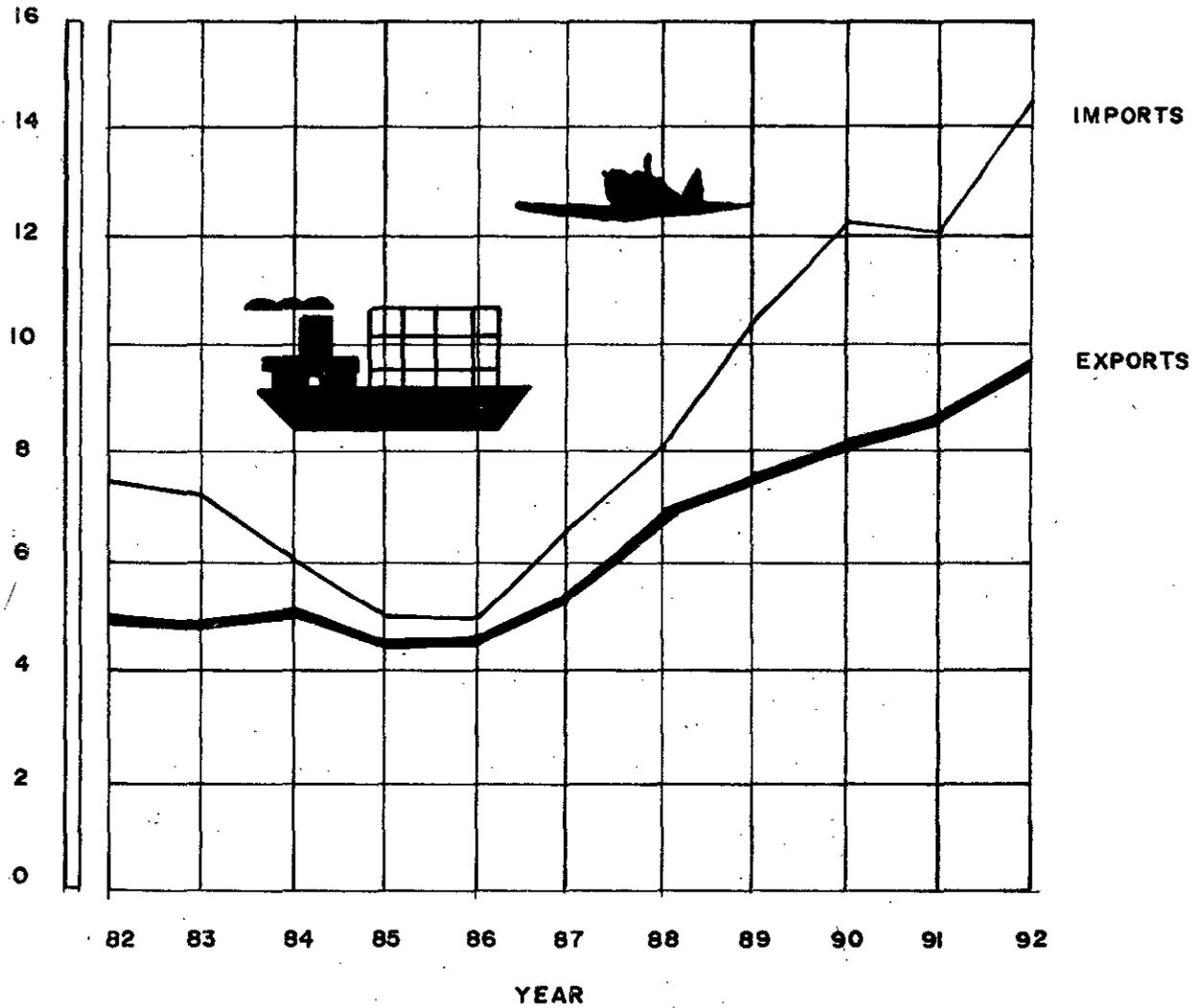
Year	Pineapples (canned)		Gold		Abaca (unmanufactured)		Copper Concentrates	
	Quantity	Value	Quantity 2/	Value	Quantity	Value	Quantity	Value
1971	100,488	19,683	203,556	7,942	49,244	12,971	815,131	185,135
1972	108,106	19,552	500,909	26,898	48,853	12,874	823,116	190,867
1973	90,923	19,696	475,122	39,941	74,309	19,631	763,747	290,281
1974	125,307	30,625	541,065	74,309	340,998	37,533	830,454	393,184
1975	116,393	34,705	490,779	76,354	210,694	14,544	799,311	212,081
1976	138,336	46,739	535,388	65,348	324,906	18,477	942,181	265,879
1977	154,446	55,908	513,307	71,268	308,499	17,515	1,007,365	267,800
1978	161,636	59,766	412,396	75,738	282,873	15,288	895,299	250,386
1979	188,609	73,756	367,211	103,280	331,639	25,365	1,048,020	440,360
1980	187,019	82,098	419,593	239,149	301,395	26,955	1,140,351	544,974
1981	173,500	88,386	475,825	215,183	268,386	20,719	1,138,628	429,376
1982	170,862	87,550	472,807	168,720	270,034	20,125	1,060,405	312,447
1983	145,705	73,627	366,933	153,594	239,465	18,040	787,508	249,481
1984	170,940	87,085	295,453	104,345	246,535	29,119	450,438	114,831
1985	185,059	88,787	322,808	99,950	195,261	16,500	344,201	84,486
1986	172,116	83,517	394,572	139,914	197,185	12,918	359,781	89,869
1987	183,725	86,335	212,068	90,454	184,263	11,832	361,952	109,149
1988	182,840	83,197	274,223	118,015	191,511	16,301	450,330	216,160
1989	193,493	94,264	295,174	109,407	179,631	17,637	426,191	237,372
1990	179,131	88,679	241,606	89,818	177,289	16,486	421,405	206,580
1991	194,286	95,126	182,671	64,455	454,174	16,594	396,962	174,346
1992	243,453	96,233	527,203	162,115	580,540	21,211	350,326	139,810

2/ In troy ounce.

Source: National Statistics Office.

Figure 7.2 Philippine Trade Relations with the United States: 1983 to 1992

in million U.S. dollars



**Table 7.5**  
**PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES**  
**1976 to 1992**  
*(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	915,341	35.6	3,633,482	801,289	22.1
1977	3,150,887	1,102,554	35.0	3,914,763	798,456	20.4
1978	3,424,876	1,142,819	33.4	4,732,196	994,966	21.0
1979	4,601,190	1,371,592	29.8	6,141,751	1,402,459	22.8
1980	5,787,787	1,576,404	27.2	7,726,912	1,785,695	23.1
1981	5,720,396	1,740,476	30.4	7,945,679	1,784,597	22.5
1982	5,020,593	1,576,261	31.4	7,666,918	1,702,675	22.2
1983	5,005,291	1,799,570	36.0	7,486,626	1,739,106	23.2
1984	5,390,646	2,002,629	37.2	6,069,612	1,629,439	26.8
1985	4,628,954	1,618,261	35.0	5,110,673	1,273,288	24.9
1986	4,841,780	1,651,697	34.1	5,043,597	1,252,817	24.8
1987	5,720,238	1,976,191	34.6	6,736,969	1,485,276	22.0
1988	7,074,190	2,432,431	34.4	8,159,378	1,715,032	21.0
1989	7,821,082	2,796,273	35.8	10,418,821	1,978,990	19.0
1990	8,186,027	3,094,588	36.5	12,206,161	2,365,532	19.4
1991	8,839,514	3,065,621	34.7	12,051,363	2,424,614	20.1
1992	9,821,314	3,712,826	37.8	14,518,928	2,620,204	18.1

Note: Excludes Hawaii and Alaska.  
Source: National Statistics Office.

**Table 7.6**  
**BALANCE OF PAYMENTS**  
**1982 to 1992**  
*(In million U.S. dollars)*

Item	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Trade Balance	(2,646)	(2,482)	(679)	(482)	(202)	(1,017)	(1,085)	(2,598)	(4,020)	(3,211)	(4,695)
Exports	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821	8,186	8,840	9,824
Imports	7,667	7,487	6,070	5,111	5,044	6,737	8,159	10,419	12,206	12,051	14,519
Services (net)	(1,040)	(740)	(823)	26	783	0	(80)	303	618	1,351	2,879
Inflow	2,983	3,127	2,626	3,288	3,791	3,454	3,592	4,586	4,836	5,624	7,497
Outflow	4,023	3,867	3,449	3,262	3,008	3,454	3,672	4,283	4,218	4,273	4,618
Transfers	486	472	386	379	441	573	775	830	714	827	817
Receipts	498	483	387	388	445	575	778	832	717	828	826
Payments	12	11	1	9	4	2	3	2	3	1	9
Current Account, Total	(3,200)	(2,750)	(1,116)	(77)	1,022	(444)	(390)	(1,465)	(2,688)	(1,033)	(999)
Foreign Investments	17	112	(7)	(9)	114	326	986	854	469	654	737
Inflow	194	255	121	124	186	439	1,077	972	695	798	1,364
Outflow	177	143	128	133	72	113	91	118	226	144	627
Medium & long term											
loans, (net)	1,548	1,392	478	2,787	815	159	(519)	379	392	922	666
Inflow	2,533	2,336	1,259	3,962	2,545	2,598	2,412	2,811	4,398	3,613	7,436
Outflow	985	944	781	1,175	1,730	2,439	2,931	2,432	4,006	2,691	6,770
Short-term capital, net	(108)	(618)	549	(1,731)	(814)	80	(303)	(91)	9	369	350
Errors & omissions	(371)	(387)	161	638	(101)	(144)	479	385	620	(151)	(497)
Capital Account	1,302	499	1,205	1,685	14	421	643	1,527	1,490	1,794	787
Monetization of gold	277	183	169	221	279	365	314	288	218	245	130
Revaluation adjustments *											
of which: Debt reduction	(50)	(50)	(15)	(88)	(72)	(78)	83	101	797	264	527
Overall BOP Position	(1,671)	(2,118)	243	2,301	1,242	264	650	451	(183)	1,405	445

\* of which \$50 million is due to revaluation adjustments on KB liabilities for prior reporting periods.

Source: Central Bank of the Philippines.

# 8 TOURISM

This chapter presents key indicators of the Philippine tourism industry. The number of visitor arrivals is a tangible yardstick of the industry's performance. The number of arrivals is based on an actual headcount of visitors using the Embarkation/Disembarkation (E/D) Cards issued and required by the Commission on Immigration and Deportation of every traveller entering or leaving the Philippines. Starting November 1978, however, the Arrival/Departure (A/D) Card, a revised immigration document, was used. For these purposes, "visitor arrival" or "visitor" refers to a person who comes to the Philippines for pleasure, recreation, sports, business, health, family reason, study, or for religious purposes and who remains in the country for a period not exceeding 59 days.

A more significant classification of the number of visitors is shown in the distribution by country of residence/nationality of visitors and the mode of travel used. In January 1979, the Department of Tourism started using the country of residence classification. The country of residence is the country where one is entitled to live or reside on a permanent status. As to visitors travelling by sea, information is obtained from the records of shipping offices.

The impact of the industry on the country's economy is measured by tourist receipts which refer to the payments of foreign tourists for goods and services in a country made out of foreign currency resources. The figures, moreover, represent the value of tourist trade in a country as its invisible export. Starting in 1979, data on tourist receipts have been provided by the Central Bank of the Philippines. On the other hand, information on per capita expenditures, which constitute a concrete measure of economic benefits earned, is estimated on the basis of a survey conducted by the Department of Tourism.

Comprehensive travel statistics are published regularly in the Department of Tourism publication, *Statistical Report on Travel and Tourism*.

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Figure 8.1 Visitor Arrivals to the Philippines: 1983 to 1992

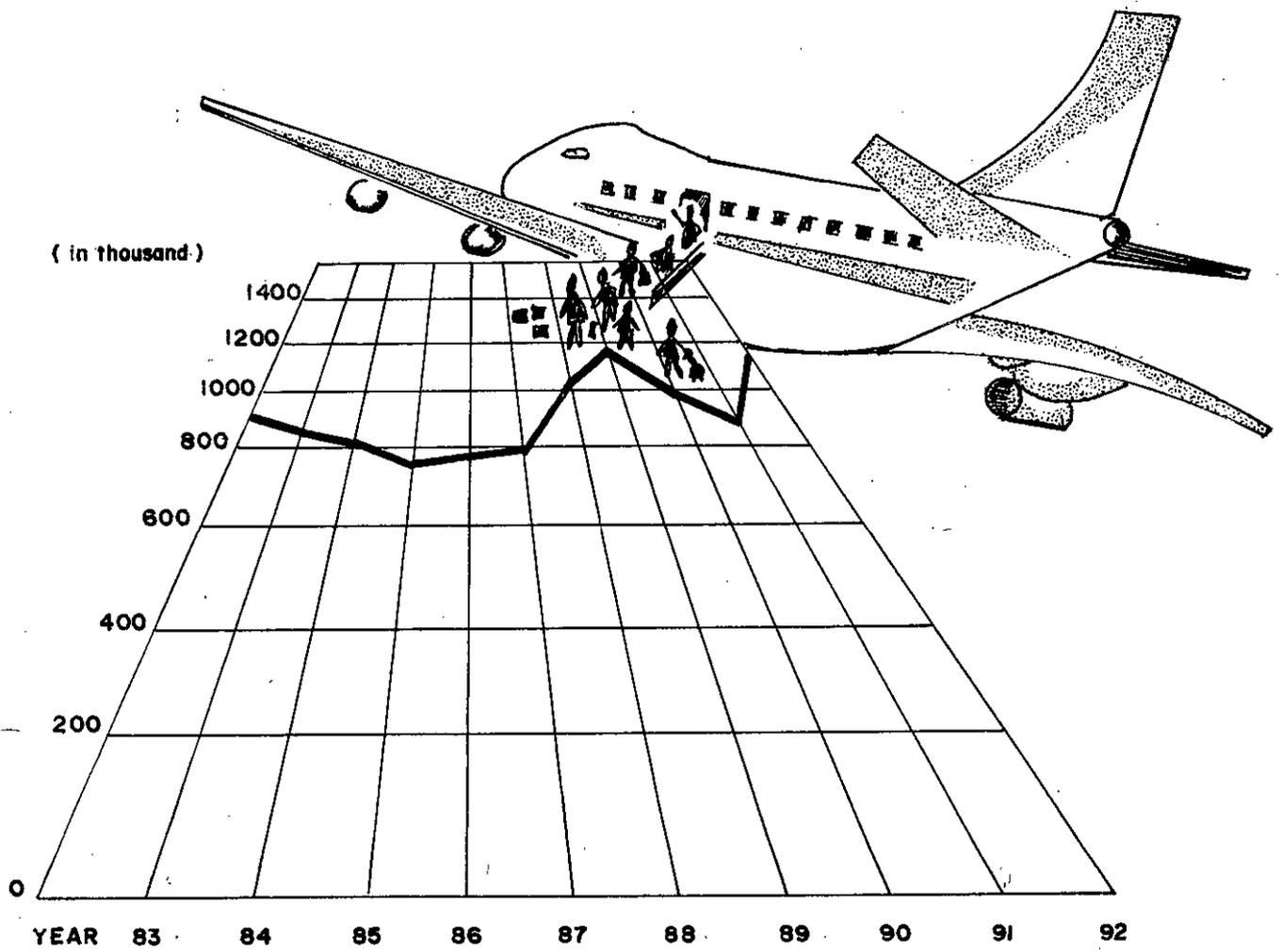


Table 8.1

**DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND MODE OF TRAVEL  
1990 TO 1992**

Country of Residence	1990			1991			1992		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
<b>Grand Total</b>	<b>1,024,521</b>	<b>1,001,209</b>	<b>23,312</b>	<b>951,365</b>	<b>931,146</b>	<b>20,219</b>	<b>1,152,952</b>	<b>1,133,215</b>	<b>19,737</b>
<b>ASIA</b>	432,635	420,627	12,008	402,009	393,078	8,931	542,407	530,554	11,853
Asean	47,758	45,640	2,118	48,683	46,562	2,121	55,508	52,990	2,518
Brunei	1,660	1,624	36	1,657	1,656	1	1,850	1,810	40
Indonesia	6,190	5,435	755	7,980	7,062	918	8,591	7,575	1,016
Malaysia	11,809	11,689	120	13,594	13,353	241	14,633	14,373	260
Singapore	19,331	19,055	276	15,662	15,486	176	20,467	20,298	169
Thailand	8,768	7,837	931	9,790	9,005	785	9,967	8,934	1,033
East Asia	369,954	360,772	9,182	346,315	339,819	6,496	470,636	461,966	8,670
China (PROC)	4,066	1,265	2,801	-	-	-	6,528	3,839	2,689
Hongkong	70,629	70,272	357	55,673	55,335	338	66,238	66,143	95
Japan	201,982	199,284	2,698	197,540	194,601	2,939	221,578	218,935	2,643
Korea	36,533	33,320	3,213	40,554	37,407	3,147	54,115	50,905	3,210
Taiwan	56,744	56,631	113	52,548	52,476	72	122,177	122,144	33
South Asia	14,923	14,215	708	7,011	6,697	314	16,263	15,598	665
Bangladesh	1,046	968	78	-	-	-	1,267	1,246	21
India	6,474	5,968	506	7,011	6,697	314	7,876	7,402	474
Nepal	630	629	1	-	-	-	644	644	0
Pakistan	5,368	5,270	98	-	-	-	5,072	4,946	126
Sri Lanka	1,405	1,380	25	-	-	-	1,404	1,360	44
<b>MIDDLE EAST</b>	20,742	20,734	8	12,514	12,514	0	21,407	21,403	4
Bahrain	1,134	1,134	0	-	-	-	1,171	1,171	0
Iran	703	703	0	-	-	-	566	566	0
Israel	2,964	2,960	4	-	-	-	2,986	2,985	1
Jordan	602	598	4	-	-	-	350	347	3
Lebanon	0	0	0	-	-	-	-	-	-
Kuwait	884	884	0	-	-	-	1,047	1,047	0
Saudi Arabia	13,112	13,112	0	12,514	12,514	0	14,275	14,275	0
United Arab Emirate	1,343	1,343	0	-	-	-	1,012	1,012	0
<b>AMERICA</b>	226,149	222,368	3,781	214,724	212,103	2,621	252,300	251,854	446
North America	224,510	220,839	3,671	214,724	212,103	2,621	250,424	249,998	426
Canada	20,569	20,294	275	22,225	22,094	131	28,794	28,772	22
U.S.A.	203,941	200,545	3,396	192,499	190,009	2,490	221,630	221,226	404
Central America	537	472	65	-	-	-	460	443	17
Mexico	537	472	65	-	-	-	460	443	17
South America	1,102	1,057	45	-	-	-	1,416	1,413	3
Argentina	264	259	5	-	-	-	368	368	0
Brazil	538	506	32	-	-	-	537	536	1
Colombia	170	165	5	-	-	-	200	200	0
Peru	0	0	0	-	-	-	207	207	0
Venezuela	130	127	3	-	-	-	104	102	2

Source: Tourism Research and Statistics Division, Department of Tourism.

Table 8.1 (continued)

Country of Residence	1990			1991			1992		
	Total	Air	Sea	Total	Air	Sea	Total	Air	Sea
<b>EUROPE</b>	122,798	117,748	5,050	117,204	114,666	2,538	151,634	145,719	5,915
Western Europe	60,096	59,283	813	56,554	55,424	1,130	76,677	74,494	2,183
Austria	3,317	3,166	151	-	-	-	4,280	4,222	58
Belgium	2,709	2,671	38	-	-	-	3,365	3,363	2
France	10,204	10,110	94	10,406	10,324	82	13,180	13,089	91
Germany	8,204	8,171	33	-	-	-	36,031	34,218	1,813
Germany, West	18,707	18,427	280	28,229	27,431	798	0	-	-
Luxembourg	96	85	11	-	-	-	163	163	0
Netherlands	6,481	6,343	138	7,247	7,033	214	7,404	7,239	165
Switzerland	10,378	10,310	68	10,672	10,636	36	12,254	12,200	54
Northern Europe	47,677	44,663	3,014	49,879	48,664	1,215	56,448	55,365	1,083
Denmark	2,843	2,760	83	3,414	3,348	66	4,200	4,105	95
Finland	1,032	1,006	26	1,061	1,033	28	1,053	1,051	2
Iceland	4	0	4	-	-	-	1,457	1,439	18
Ireland	921	881	40	-	-	-	0	-	-
Norway	3,023	2,561	462	3,058	2,655	403	3,582	3,215	367
Sweden	6,381	6,232	149	6,375	6,342	33	7,240	7,184	56
United Kingdom	33,473	31,223	2,250	35,971	35,286	685	38,916	38,371	545
Southern Europe	13,940	13,196	744	10,771	10,578	193	15,532	14,970	562
Greece	774	609	165	-	-	-	1,047	615	432
Italy	8,496	8,292	204	8,048	7,949	99	9,447	9,416	31
Portugal	1,185	1,097	88	-	-	-	1,359	1,352	7
Spain	2,827	2,708	119	2,723	2,629	94	3,362	3,342	20
Yugoslavia	658	490	168	-	-	-	317	245	72
Eastern Europe	1,085	606	479	-	-	-	2,977	890	2,087
Poland	110	35	75	-	-	-	2,666	639	2,027
U.S.S.R.	975	571	404	-	-	-	311	251	60
<b>OCEANIA</b>	61,188	60,186	1,002	47,916	47,681	235	62,716	62,298	418
Australia	47,351	46,393	958	43,966	43,782	184	50,911	50,522	389
Guam	8,784	8,784	0	-	-	-	6,100	6,100	0
Nauru	129	129	0	-	-	-	214	214	0
New Zealand	3,627	3,583	44	3,950	3,899	51	4,529	4,500	29
Papua New Guinea	1,297	1,297	0	-	-	-	962	962	0
<b>AFRICA</b>	795	764	31	-	-	-	1,902	1,857	45
Egypt	301	278	23	-	-	-	1,136	1,097	39
Nigeria	289	285	4	-	-	-	406	401	5
South Africa	205	201	4	-	-	-	360	359	1
<b>OTHERS AND UNSPECIFIED RESIDENCE</b>	29,457	28,025	1,432	55,051	49,157	5,894	10,822	9,766	1,056
<b>TOTAL</b>	893,764	870,452	23,312	849,418	829,199	20,219	1,043,188	1,023,451	19,737
<b>OVERSEAS FILIPINO</b>	130,757	130,757	0	101,947	101,947	0	109,764	109,764	0

Table 8.2

## VISITOR ARRIVALS TO THE PHILIPPINES BY COUNTRY OF RESIDENCE

1983 to 1992

Country of Residence	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Grand Total	860,550	816,712	773,074	781,517	794,700	1,043,114	1,189,719	1,020,454	951,365	1,152,952
ASIA	380,413	344,103	311,170	309,624	310,247	453,114	543,867	428,569	414,939	542,407
Asean	64,641	57,190	49,454	46,844	46,528	59,671	64,806	47,758	48,683	55,508
Brunei	0	2,024	2,140	2,031	1,890	2,382	2,456	1,660	1,657	1,850
Indonesia	7,711	6,175	5,916	6,222	5,664	7,250	7,994	6,190	7,980	8,591
Malaysia	18,107	14,459	14,525	12,780	11,941	16,336	17,201	11,809	13,594	14,633
Singapore	27,219	22,147	17,271	17,556	17,785	23,794	26,402	19,331	15,662	20,467
Thailand	11,604	12,385	9,602	8,255	9,248	9,909	10,753	8,768	9,790	9,967
East Asia	304,610	275,358	251,759	255,872	257,375	387,662	472,713	365,888	351,186	470,636
China (PRQC)	-	-	-	-	-	-	-	-	4,871	6,528
Japan	178,527	160,542	152,771	133,536	126,127	181,741	215,634	201,982	197,540	66,238
Hongkong	70,043	62,939	52,407	75,344	80,886	133,331	130,346	70,629	55,673	221,578
Korea	13,258	11,602	10,873	12,623	14,463	16,125	36,587	36,533	40,554	54,115
Taiwan	42,782	40,275	35,708	34,369	35,899	56,465	90,146	56,744	52,548	122,177
South Asia	11,162	11,555	9,957	6,908	6,344	5,781	6,348	14,923	15,070	16,263
Bangladesh	-	-	-	-	-	-	-	1,046	1,048	1,267
India	11,162	11,555	9,957	6,908	6,344	5,781	6,348	6,474	7,011	7,876
Nepal	-	-	-	-	-	-	-	630	615	644
Pakistan	-	-	-	-	-	-	-	5,368	4,796	5,072
Sri Lanka	-	-	-	-	-	-	-	1,405	1,600	1,404
MIDDLE EAST	14,209	17,809	13,539	19,976	20,396	17,778	15,052	20,742	20,614	21,407
Bahrain	-	-	-	-	-	-	-	1,134	826	1,171
Iran	-	-	-	-	-	-	-	703	756	566
Israel	-	-	-	-	-	-	-	2,961	3,476	2,986
Jordan	-	-	-	-	-	-	-	605	477	350
Kuwait	-	-	-	-	-	-	-	884	1,862	1,047
Saudi Arabia	14,209	17,809	13,539	19,976	20,396	17,778	15,052	13,112	12,514	14,275
United Arab Emirate	-	-	-	-	-	-	-	1,343	703	1,012
AMERICA	165,217	176,030	177,525	182,903	193,694	231,232	267,679	226,148	216,482	252,300
North America	165,217	176,030	177,525	182,903	193,694	231,232	267,679	224,510	214,724	250,424
USA	151,241	160,638	162,320	166,382	175,729	211,502	246,586	203,941	192,499	221,630
Canada	13,976	15,392	15,205	16,521	17,965	19,730	21,093	20,569	22,225	28,794
Central America	-	-	-	-	-	-	-	401	329	460
Mexico	-	-	-	-	-	-	-	401	329	460
South America	-	-	-	-	-	-	-	1,237	1,429	1,416
Argentina	-	-	-	-	-	-	-	264	223	368
Brazil	-	-	-	-	-	-	-	537	718	537
Colombia	-	-	-	-	-	-	-	170	206	200
Peru	-	-	-	-	-	-	-	136	153	207
Venezuela	-	-	-	-	-	-	-	130	129	104

Source: Tourism Research and Statistics Division, Department of Tourism.

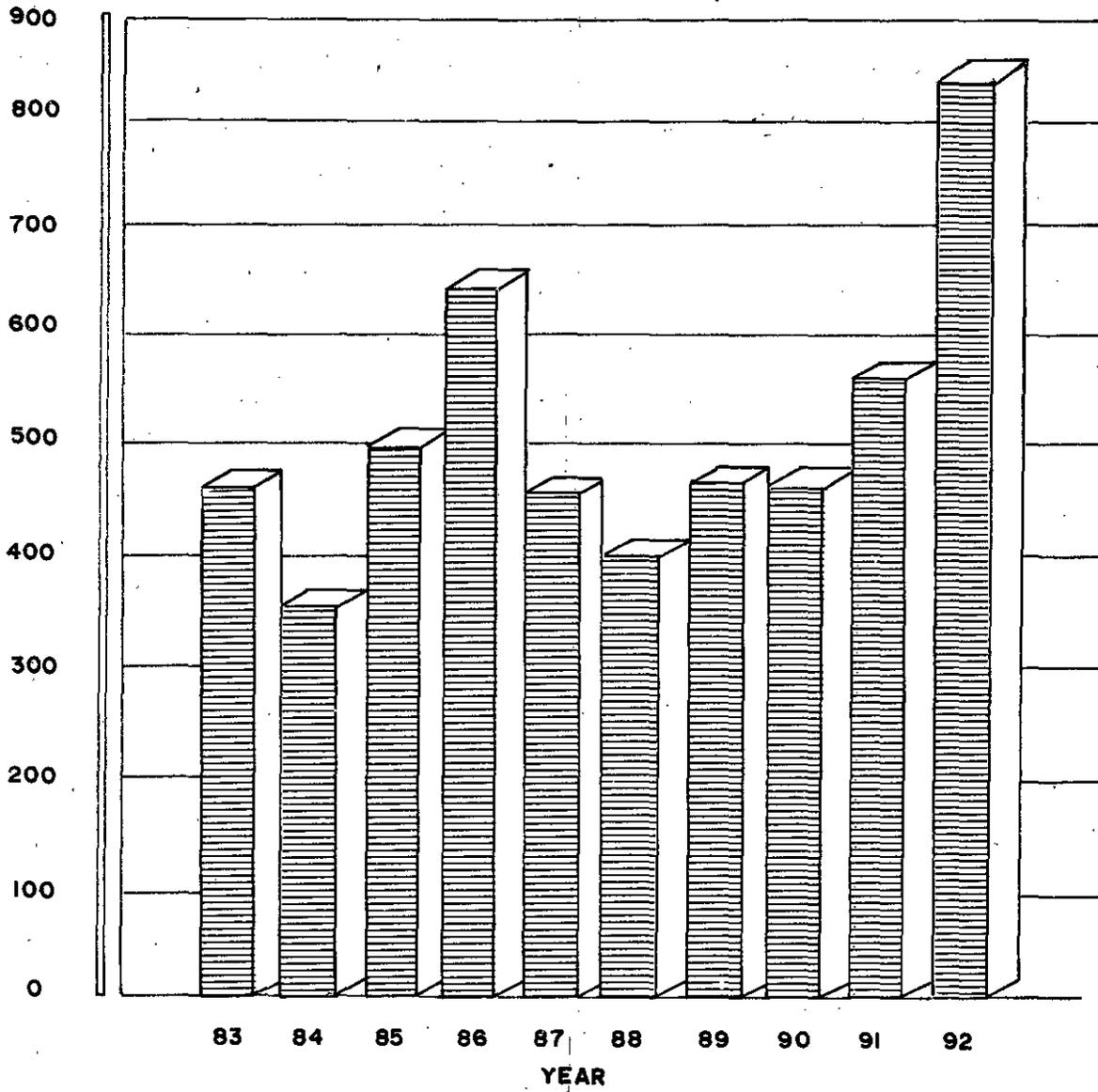
Table 8.2 (continued)

Country of Residence	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
EUROPE	96,882	85,556	79,096	80,251	80,865	99,930	109,339	122,798	128,349	151,634
Western Europe	52,910	46,397	43,691	44,341	42,658	51,505	56,984	60,100	62,205	76,677
Austria								3,317	3,042	4,280
Belgium								2,709	2,492	3,365
France	8,415	7,783	7,714	7,980	6,808	8,004	9,543	10,204	10,406	13,180
Germany	27,892	23,738	22,110	23,210	22,784	27,399	30,045	26,915	28,229	36,031
Luxembourg								86	117	163
Netherlands	5,503	4,781	4,355	4,325	4,818	6,109	6,543	6,487	7,247	7,404
Switzerland	11,100	10,095	9,512	8,826	8,248	9,993	10,853	10,382	10,672	12,254
Northern Europe	31,857	30,005	28,091	29,116	30,481	38,607	40,508	47,673	51,192	56,448
Denmark	2,390	2,334	2,081	2,294	2,572	3,398	3,320	2,843	3,414	4,200
Finland	885	836	725	669	573	1,200	1,103	1,032	1,061	1,053
Ireland								921	1,313	1,457
Norway	1,688	1,769	1,622	1,999	1,912	2,411	2,726	3,023	3,058	3,582
Sweden	3,904	3,844	3,984	4,838	5,557	6,883	6,759	6,389	6,375	7,240
United Kingdom	22,990	21,222	19,679	19,316	19,867	24,715	26,600	33,465	35,971	38,916
Southern Europe	12,115	9,154	7,314	6,794	7,726	9,818	11,847	13,796	12,885	15,532
Greece	-	-	-	-	-	-	-	754	837	1,047
Italy	8,287	7,020	5,463	5,379	5,956	7,415	8,869	8,516	8,048	9,447
Portugal	-	-	-	-	-	-	-	1,185	905	1,359
Spain	3,828	2,134	1,851	1,415	1,770	2,403	2,978	2,827	2,723	3,362
Yugoslavia	-	-	-	-	-	-	-	514	372	317
Eastern Europe	-	-	-	-	-	-	-	1,229	2,067	2,977
Poland	-	-	-	-	-	-	-	226	441	2,666
USSR	-	-	-	-	-	-	-	1,003	1,626	311
OCEANIA	56,739	52,900	50,836	47,110	45,915	48,698	54,143	61,188	52,250	62,716
Australia	53,238	49,670	48,176	44,571	43,126	45,349	50,529	47,351	43,968	50,911
Guam	-	-	-	-	-	-	-	8,784	3,570	6,100
Nauru	-	-	-	-	-	-	-	129	0	214
New Zealand	3,501	3,230	2,660	2,539	2,789	3,349	3,614	3,627	3,950	4,529
Papua New Guinea	-	-	-	-	-	-	-	1,297	762	962
AFRICA	-	-	-	-	-	-	-	795	1,254	1,902
Egypt	-	-	-	-	-	-	-	305	867	1,136
Nigeria	-	-	-	-	-	-	-	285	330	406
South Africa	-	-	-	-	-	-	-	205	57	360
OTHERS AND UNSPECIFIED										
RESIDENCES	82,077	71,061	74,366	71,718	70,833	86,831	86,023	29,457	15,530	10,822
TOTAL	795,537	747,459	706,532	711,582	721,950	937,583	1,076,103	889,697	849,418	1,043,188
OVERSEAS										
FILIPINOS	65,013	69,253	66,542	69,935	72,750	105,531	113,616	130,757	101,947	109,764

Source: Tourism Research and Statistics Division, Department of Tourism.

Figure 8.2 Tourist Receipts: 1983 to 1992

(in thousand U.S. dollars)



**Table 8.3**

**OVERSEAS FILIPINO ARRIVALS BY COUNTRY OF RESIDENCE**

1990 to 1992

Country of Residence	1990	1991 P	1992	Country of Residence	1990	1991 P	1992
<b>Grand Total</b>	<b>130,757</b>	<b>67,259</b>	<b>109,764</b>				
<b>ASIA</b>	<b>15,388</b>	<b>10,506</b>	<b>22,660</b>	<b>EUROPE</b>	<b>6,541</b>	<b>5,080</b>	<b>11,712</b>
Asean	1,672	1,192	2,699	Western Europe	3,411	2,912	6,982
Brunei	281	176	212	Austria	314	414	438
Indonesia	378	246	652	Belgium	91	59	172
Malaysia	173	159	308	France	232	148	351
Singapore	578	423	1,044	Germany	2,202	1,881	4,869
Thailand	262	188	483	Luxembourg	1	16	17
East Asia	13,574	9,221	19,841	Netherlands	134	114	315
China (PROC)	25	20	28	Switzerland	437	280	820
Hongkong	7,825	4,948	8,563	Northern Europe	2,031	1,450	3,361
Japan	5,254	3,861	10,559	Denmark	106	73	225
Korea	73	56	182	Finland	18	19	27
Taiwan	397	336	509	Ireland	9	15	17
South Asia	142	93	120	Norway	127	95	409
Bangladesh	39	25	15	Sweden	171	169	367
India	40	36	57	United Kingdom	1,600	1,079	2,316
Nepal	14	13	5	Southern Europe	1,090	710	1,349
Pakistan	34	14	34	Greece	33	25	40
Sri Lanka	15	5	9	Italy	688	436	824
<b>MIDDLE EAST</b>	<b>2,854</b>	<b>1,859</b>	<b>2,919</b>	Portugal	58	25	12
Bahrain	141	104	139	Spain	262	219	469
Iran	10	12	13	Yugoslavia	49	5	4
Israel	32	15	19	Eastern Europe	9	8	20
Jordan	35	35	19	Poland	0	1	8
Kuwait	234	182	86	USSR	9	7	12
Saudi Arabia	1,939	1,213	2,333	<b>OCEANIA</b>	<b>8,680</b>	<b>5,640</b>	<b>8,583</b>
United Arab Emirates	463	298	310	Australia	3,678	2,415	3,094
<b>AMERICA</b>	<b>55,507</b>	<b>38,531</b>	<b>62,386</b>	Guam	3,547	2,022	4,816
North America	54,421	37,799	62,301	Nauru	6	0	0
Canada	3,366	2,202	4,906	New Zealand	203	119	325
U.S.A.	51,055	35,597	57,395	Papua New Guinea	1,246	1,084	348
Central America	74	65	37	<b>AFRICA</b>	<b>72</b>	<b>63</b>	<b>88</b>
Mexico	74	65	37	Egypt	3	6	12
South America	1,012	667	48	Nigeria	46	28	67
Argentina	26	17	8	South Africa	23	29	9
Brazil	22	25	25	Others and Unspecified residence	41,715	5,580	1,416
Colombia	944	609	3				
Peru	2	5	2				
Venezuela	18	11	10				

P Preliminary

Source: Tourism Research and Statistics Division, Department of Tourism.

Table 8.4

**AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND AGE GROUP  
1991 TO 1992**

Year/Country of Residence	Total	Age Group								Not Stated
		Under 15	15-19	20-24	25-34	35-44	45-54	55-64	65 and above	
1991	929,119	67,375	17,441	57,844	223,017	256,126	165,158	76,701	57,721	7,736
<b>ASIA</b>										
Asean	46,562	2,032	1,072	2,899	13,754	15,082	7,322	2,276	1,732	393
Brunei	1,656	160	28	95	517	489	171	54	121	21
Indonesia	7,062	353	258	584	1,651	1,883	1,363	565	353	52
Malaysia	13,353	549	264	819	4,144	4,425	2,108	561	411	72
Singapore	15,486	602	252	699	4,814	5,583	2,227	662	439	208
Thailand	9,005	368	270	702	2,628	2,702	1,453	434	408	40
East Asia	342,068	15,525	3,966	20,567	86,693	109,170	61,647	27,309	14,821	2,370
China	2,249	20	27	88	344	366	497	575	309	23
Japan	55,335	2,812	838	3,689	18,152	16,387	7,042	3,644	2,486	285
Hongkong	194,601	8,812	1,797	10,467	42,430	64,826	40,615	16,038	7,999	1,617
Korea	37,407	1,588	663	3,398	10,414	10,800	6,172	2,594	1,512	266
Taiwan	52,476	2,293	641	2,925	15,353	16,791	7,321	4,458	2,515	179
South Asia	14,568	841	434	1,275	3,681	3,614	2,551	1,133	932	107
Bangladesh	1,016	48	16	65	262	279	249	45	44	8
India	6,697	438	225	371	1,519	1,765	1,354	664	316	45
Nepal	614	21	19	46	143	181	109	38	50	7
Pakistan	4,720	257	131	692	1,421	992	492	244	454	37
Sri Lanka	1,521	77	43	101	336	397	347	142	68	10
MIDDLE EAST	20,612	826	157	2,495	6,769	4,267	2,100	1,073	2,794	131
Bahrain	826	67	2	26	164	177	79	32	273	6
Iran	755	50	11	34	222	204	77	34	121	2
Israel	3,476	56	14	1,537	952	319	277	161	130	30
Jordan	476	30	9	65	142	93	74	35	26	2
Kuwait	1,862	85	13	114	692	362	140	42	400	14
Saudi Arabia	12,514	481	87	665	4,421	2,989	1,381	752	1,668	70
United Arab Emirates	703	57	21	54	176	123	72	17	176	7
AMERICA										
North America	212,103	26,550	5,917	10,961	33,501	47,796	41,802	22,754	20,670	2,152
Canada	22,094	2,367	607	885	3,509	5,416	4,511	2,090	2,471	238
USA	190,009	24,183	5,310	10,076	29,992	42,380	37,291	20,664	18,199	1,914
Central America										
Mexico	292	5	8	27	73	58	73	32	15	1
South America	1,420	69	40	100	417	328	239	141	77	9
Argentina	222	2	2	17	59	45	39	42	15	1
Brazil	712	38	25	53	221	177	100	60	35	3
Colombia	206	10	10	17	48	52	45	11	10	3
Peru	151	6	1	11	51	24	33	12	11	2
Venezuela	129	13	2	2	38	30	22	16	6	0

Table 8.4 (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	
1991 continued										
EUROPE										
Western Europe	61,038	4,655	702	3,481	16,557	15,421	12,485	4,781	2,512	444
Austria	3,019	372	35	213	793	860	440	155	127	24
Belgium	2,480	155	35	87	648	683	523	215	114	20
France	10,324	479	149	663	3,076	2,835	1,728	789	506	99
Germany	27,431	2,483	280	1,301	6,745	6,548	6,447	2,351	1,083	193
Luxembourg	115	11	0	7	35	33	19	3	7	0
Netherlands	7,033	477	115	308	1,612	1,913	1,665	607	294	42
Switzerland	10,636	678	88	902	3,648	2,549	1,663	661	381	66
Northern Europe	49,952	3,751	781	3,124	12,784	13,355	10,111	3,886	1,788	372
Denmark	3,348	266	77	228	778	790	792	258	139	20
Finland	1,033	59	12	66	277	264	247	64	39	5
Ireland	1,288	69	9	130	374	310	234	100	52	10
Norway	2,655	290	44	144	479	741	616	222	101	18
Sweden	6,342	388	126	815	1,920	1,342	1,097	405	202	47
United Kingdom	35,286	2,679	513	1,741	8,956	9,908	7,125	2,837	1,255	272
Southern Europe	12,220	730	225	666	3,023	3,233	2,430	1,103	656	154
Greece	514	26	6	16	120	133	116	63	33	1
Italy	7,949	395	117	433	1,985	2,056	1,687	762	405	109
Portugal	896	81	22	59	266	261	118	37	46	6
Spain	2,629	213	73	143	588	710	481	224	161	36
Yugoslavia	232	15	7	15	64	73	28	17	11	2
Eastern Europe	758	31	10	36	140	212	184	82	58	5
USSR	535	19	8	18	102	144	137	59	45	3
Poland	223	12	2	18	38	68	47	23	13	2
OCEANIA										
Australia	43,782	5,059	1,012	1,956	7,868	11,414	8,826	4,245	2,780	622
Guam	3,570	795	193	213	538	605	532	379	266	49
Nauru	0	0	0	0	0	0	0	0	0	0
New Zealand	3,899	268	115	164	827	1,056	856	370	199	44
Papua New Guinea	751	86	21	43	223	226	72	23	49	8
AFRICA										
Egypt	860	72	16	34	184	253	168	77	46	10
Nigeria	327	10	1	12	173	83	34	7	6	1
South Africa	54	1	0	1	12	16	13	10	1	0
Others & Unspecified Residences										
Overseas Filipinos	101,947	5,479	2,520	8,908	32,681	26,724	11,663	6,051	7,154	767

Source: Tourism Research and Statistics Division, Department of Tourism.

Table 8.4 - (continued)

AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND AGE GROUP  
1991 TO 1992

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	92,701	21,947	64,786	265,215	296,109	208,889	99,389	75,858	8,321
<b>ASIA</b>										
Asean	52,990	2,604	794	2,281	15,006	17,847	9,478	2,894	1,789	297
Brunei	1,810	196	26	75	518	594	260	67	64	10
Indonesia	7,575	300	165	408	1,984	2,010	1,659	657	337	55
Malaysia	14,373	705	228	622	4,164	5,034	2,440	655	437	88
Singapore	20,298	941	191	702	5,961	7,529	3,265	995	613	101
Thailand	8,934	462	184	474	2,379	2,680	1,854	520	338	43
East Asia	461,966	25,829	6,121	29,441	120,775	134,363	83,685	38,804	20,406	2,542
China	20	85	40	103	588	721	866	911	510	15
Japan	407,582	4,787	1,474	4,545	21,466	18,258	8,195	4,215	2,909	294
Hongkong	218,935	12,157	2,017	11,909	48,054	65,990	48,781	19,226	9,206	1,595
Korea	50,905	2,316	851	4,173	13,740	14,506	9,183	3,836	1,953	347
Taiwan	122,144	6,484	1,739	8,711	36,927	34,888	16,660	10,616	5,828	291
South Asia	15,598	870	426	1,373	4,133	3,981	2,703	1,200	813	99
Bangladesh	1,246	50	31	74	325	361	301	69	33	2
India	7,402	398	175	443	1,898	1,950	1,437	712	344	45
Nepal	644	24	26	52	154	195	110	28	49	6
Pakistan	4,946	356	156	724	1,471	1,050	562	269	325	33
Sri Lanka	1,360	42	38	80	285	425	293	122	62	13
<b>MIDDLE EAST</b>										
Middle East	21,403	1,085	198	2,273	7,205	4,929	2,440	1,254	1,893	126
Bahrain	1,171	90	4	38	276	308	143	67	233	12
Iran	566	75	4	22	161	149	65	26	61	3
Israel	2,985	50	22	1,313	811	272	227	174	87	29
Jordan	347	32	2	35	118	68	54	14	19	5
Kuwait	1,047	81	9	46	332	296	135	41	95	12
Saudi Arabia	14,275	659	134	758	5,239	3,597	1,696	906	1,236	50
United Arab Emirates	1,012	98	23	61	268	239	120	26	162	15
<b>AMERICA</b>										
America	249,998	34,512	7,163	9,345	33,883	52,816	51,802	28,665	29,325	2,487
North America	249,998	34,512	7,163	9,345	33,883	52,816	51,802	28,665	29,325	2,487
Canada	28,772	3,342	885	1,117	4,485	6,579	5,881	2,691	3,517	275
USA	221,226	31,170	6,278	8,228	29,398	46,237	45,921	25,974	25,808	2,212
Central America										
Mexico	443	16	8	44	121	98	91	40	21	4
South America	1,413	60	27	124	392	343	266	128	62	11
Argentina	368	6	7	24	91	81	86	49	21	3
Brazil	536	27	8	52	184	113	87	42	18	5
Colombia	200	16	4	12	42	48	53	20	5	0
Peru	207	2	4	28	58	67	21	10	14	3
Venezuela	102	9	4	8	17	34	19	7	4	0

Table 8.4 - (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	
1992 continued										
<b>EUROPE</b>										
Western Europe	74,494	6,425	863	3,944	19,799	18,488	15,393	6,003	2,991	588
Austria	4,222	577	35	230	1,069	1156	739	229	155	32
Belguim	3,363	225	42	133	858	948	717	289	119	32
France	13,089	622	148	891	3,793	3413	2,414	1,018	665	125
Germany	34,218	3,669	416	1,579	8,259	8057	7,702	2,980	1,305	251
Luxembourg	163	15	0	5	48	57	25	6	6	1
Netherlands	7,239	463	121	285	1,659	1891	1,796	682	277	65
Switzerland	12,200	854	101	821	4,113	2966	2,000	799	464	82
Northern Europe	55,365	4,645	907	3,193	13,253	14,063	12,378	4,522	1,968	436
Denmark	4,105	279	98	299	1,003	905	1,024	325	144	28
Finland	1,051	78	15	51	252	257	302	67	24	5
Ireland	1,439	78	8	79	425	378	291	98	74	8
Norway	3,215	393	47	159	592	882	729	266	112	35
Sweden	7,184	483	109	935	2,230	1,418	1,264	470	230	45
United Kingdom	38,371	3,334	630	1,670	8,751	10,223	8,768	3,296	1,384	315
Southern Europe	14,970	1,109	285	639	3,639	3,790	3,214	1,297	781	216
Greece	615	51	5	12	110	172	136	78	49	2
Italy	9,416	623	138	400	2,325	2,344	2,132	837	464	153
Portugal	1,352	129	46	63	378	367	196	74	80	19
Spain	3,342	301	87	144	752	842	702	293	180	41
Yugoslavia	245	5	9	20	74	65	48	15	8	1
Eastern Europe	890	76	24	61	231	226	155	62	51	4
USSR	639	34	22	46	162	160	121	47	45	2
Poland	251	42	2	15	69	66	34	15	6	2
<b>OCEANIA</b>										
Australia	50,522	6,101	1,265	2,071	8,586	13,217	10,353	4,759	3,496	674
Guam	6,100	1,116	210	332	943	975	1,022	773	676	53
Nauru	214	25	14	32	55	45	15	10	14	4
New Zealand	4,500	425	94	176	943	1,198	986	390	218	70
Papua New Guinea	962	81	17	39	278	322	130	51	37	7
<b>AFRICA</b>										
Egypt	1,857	167	35	63	507	501	354	121	95	14
Egypt	1,097	121	21	36	238	285	228	88	72	8
Nigeria	401	31	6	10	192	103	39	9	9	2
South Africa	359	15	8	17	77	113	87	24	14	4
<b>Others &amp; Unspecified Residences</b>										
Overseas Filipinos	9,766	530	173	588	2,424	2,798	1,665	782	724	82
Overseas Filipinos	109,764	7,025	3,323	8,767	33,042	26,109	12,759	7,634	10,498	607

Source: Tourism Research and Statistics Division, Department of Tourism.

Table 8.5

**AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND PURPOSE OF TRAVEL**  
1981 to 1992

Year/Travel Market	Total	Purpose of Travel						Not Reported
		Holiday	Business	Official Mission	Convention	Health	Others	
1981	904,559	648,684	112,948	23,702	12,387	4,466	56,556	45,816
1982	859,133	605,061	116,050	21,699	13,290	4,719	58,288	40,026
1983	828,680	566,419	111,425	20,838	11,667	4,791	53,095	60,445
1984	765,404	510,712	99,626	20,934	8,338	4,703	65,603	55,488
1985	743,747	511,654	87,500	19,565	7,828	5,154	54,860	57,186
1986	751,401	507,292	91,545	19,123	9,009	4,739	60,489	59,204
1987	765,404	510,712	99,626	20,934	8,338	4,703	65,603	55,488
1988	818,788	565,620	108,388	36,427	7,653	3,389	69,277	28,034
1989	1,162,412	775,404	142,167	49,822	13,809	6,526	133,104	41,580
1990	1,001,208	586,465	131,836	36,361	11,656	4,848	152,183	77,859
1991	917,413	562,742	114,411	15,209	9,345	0	69,913	145,793
<b>ASIA</b>								
Asean	46,562	19,074	9,157	2,634	2,295	0	6,856	6,546
Brunei	1,656	923	148	159	71	0	190	165
Indonesia	7,062	2,020	841	743	410	0	1,636	1,412
Malaysia	13,353	6,333	2,260	484	800	0	1,696	1,780
Singapore	15,486	7,120	4,891	237	446	0	1,134	1,658
Thailand	9,005	2,678	1,017	1,011	568	0	2,200	1,531
East Asia	342,068	229,512	43,495	3,364	2,553	0	11,673	51,471
China	2,249	816	477	117	31	0	124	684
Hong Kong	55,335	33,353	10,371	305	477	0	1,521	9,308
Japan	194,601	143,288	20,100	1,587	878	0	4,638	24,110
Korea	37,407	16,876	7,084	1,046	972	0	3,861	7,568
Taiwan	52,476	35,179	5,463	309	195	0	1,529	9,801
South Asia	14,568	5,733	1,969	743	619	0	2,722	2,782
Bangladesh	1,016	312	79	111	59	0	264	191
India	6,697	2,610	1,289	267	315	0	935	1,281
Nepal	614	140	15	96	69	0	199	95
Pakistan	4,720	2,084	430	153	72	0	1,043	938
Sri Lanka	1,521	587	156	116	104	0	281	277
Middle East	20,612	12,213	3,040	188	61	0	1,099	4,011
Bahrain	826	536	103	2	4	0	35	146
Iran	755	332	64	55	13	0	139	152
Israel	3,476	2,523	278	47	18	0	117	493
Jordan	476	241	58	4	2	0	74	97
Kuwait	1,862	1,147	217	13	1	0	79	405
Saudi Arabia	12,514	6,992	2,217	53	20	0	619	2,613
United Arab Emirates	703	442	103	14	3	0	36	105
<b>AMERICA</b>								
North America	212,103	128,640	21,959	4,989	1,547	0	20,259	34,709
Canada	22,094	15,031	2,171	337	159	0	1,254	3,142
U S A	190,009	113,609	19,788	4,652	1,388	0	19,005	31,567
Central America								
Mexico	292	134	68	7	6	0	27	50

Table 8.5 (continued)

Year/Travel Market	Total	Purpose of Travel					Not Reported	
		Holiday	Business	Official Mission	Convention	Health		Others
South America	1,420	693	186	73	46	0	186	236
Argentina	222	123	33	2	6	0	14	44
Brazil	712	368	88	50	28	0	92	86
Colombia	206	85	34	3	5	0	30	49
Peru	151	72	14	3	6	0	23	33
Venezuela	129	45	17	15	1	0	27	24
<b>EUROPE</b>								
Western Europe	61,038	39,789	10,091	716	313	0	2,397	7,732
Austria	3,019	2,229	277	31	14	0	101	367
Belgium	2,480	1,320	608	51	27	0	136	338
France	10,324	5,993	2,213	165	85	0	467	1,401
Germany	27,431	18,573	4,000	277	98	0	1,051	3,432
Luxembourg	115	87	11	1	2	0	1	13
Netherlands	7,033	3,658	1,817	109	56	0	388	1,005
Switzerland	10,636	7,929	1,165	82	31	0	253	1,176
Northern Europe	49,952	29,539	10,936	586	474	0	1,980	6,437
Denmark	3,348	2,055	678	43	10	0	149	413
Finland	1,033	539	230	20	16	0	67	161
Ireland	1,288	751	279	18	11	0	86	143
Norway	2,655	1,611	493	50	12	0	111	378
Sweden	6,342	4,401	911	61	113	0	190	666
United Kingdom	35,286	20,182	8,345	394	312	0	1,377	4,676
Southern Europe	12,220	6,993	2,125	197	267	0	555	2,083
Greece	514	133	189	6	3	0	59	124
Italy	7,949	4,540	1,391	132	237	0	338	1,311
Portugal	896	606	90	8	8	0	49	135
Spain	2,629	1,595	431	47	13	0	80	463
Yugoslavia	232	119	24	4	6	0	29	50
Eastern Europe	758	214	239	54	31	0	74	146
USSR	535	128	196	29	25	0	57	100
Poland	223	86	43	25	6	0	17	46
<b>OCEANIA</b>								
Australia	52,002	36,421	7,305	624	495	0	2,617	4,540
Australia	43,782	31,143	6,230	500	399	0	1,778	3,732
Guam	3,570	2,711	114	24	8	0	492	221
Nauru	0	0	0	0	0	0	0	0
New Zealand	3,899	2,244	886	56	61	0	195	457
Papua New Guinea	751	323	75	44	27	0	152	130
<b>AFRICA</b>								
Egypt	1,241	493	222	52	22	0	147	305
Egypt	860	307	159	21	10	0	97	266
Nigeria	327	165	46	29	8	0	45	34
South Africa	54	21	17	2	4	0	5	5
<b>Others &amp; Unspecified</b>								
Residences	12,336	5,369	1,715	617	250	0	1,545	2,840
Oveseas Filipinos	101,947	54,785	3,840	556	630	0	18,272	23,864

Table 8.5 (continued)

**AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE AND PURPOSE OF TRAVEL**  
1981 to 1992

Year/Travel Market	Total	Purpose of Travel						Not Reported
		Holiday	Business	Official Mission	Convention	Health	Others	
1992	1,273,640	942,688	178,542	15,539	11,103	0	70,095	55,673
<b>ASIA</b>								
Asean	52,990	27,302	12,962	2,904	3,001	0	4,898	1,923
Brunei	1,810	1,121	198	184	115	0	135	57
Indonesia	7,575	3,091	1,115	756	661	0	1,435	517
Malaysia	14,373	8,159	3,138	409	1,032	0	1,252	383
Singapore	20,298	11,305	7,028	312	576	0	690	387
Thailand	8,934	3,626	1,483	1,243	617	0	1,386	579
East Asia	461,966	361,779	55,212	3,335	1,779	0	13,702	26,159
China	3,839	1,177	726	75	50	0	255	1,556
Hong Kong	66,143	48,286	10,965	312	331	0	1,372	4,877
Japan	218,935	179,369	24,681	1,173	620	0	4,838	8,254
Korea	50,905	29,564	9,870	1,568	563	0	5,224	4,116
Taiwan	122,144	103,383	8,970	207	215	0	2,013	7,356
South Asia	15,598	7,034	2,742	825	888	0	3,015	1,094
Bangladesh	1,246	364	182	168	94	0	349	89
India	7,402	3,130	1,787	286	540	0	1,164	495
Nepal	644	159	30	111	71	0	238	35
Pakistan	4,946	2,768	563	155	85	0	970	405
Sri Lanka	1,360	613	180	105	98	0	294	70
Middle East	21,403	14,934	3,484	233	56	0	1,333	1,363
Bahrain	1,171	867	170	8	2	0	45	79
Iran	566	300	81	53	6	0	88	38
Israel	2,985	2,292	265	52	25	0	204	147
Jordan	347	187	84	0	2	0	65	9
Kuwait	1,047	706	135	8	2	0	69	127
Saudi Arabia	14,275	9,869	2,615	90	17	0	804	880
United Arab Emirates	1,012	713	134	22	2	0	58	83
<b>AMERICA</b>								
North America	249,998	190,118	27,078	3,267	1,577	0	19,629	8,329
Canada	28,772	22,822	2,800	332	173	0	1,688	957
U S A	221,226	167,296	24,278	2,935	1,404	0	17,941	7,372
Central America								
Mexico	443	249	101	12	18	0	39	24
South America	1,413	774	283	40	80	0	169	67
Argentina	368	205	76	4	20	0	51	12
Brazil	536	279	146	15	22	0	51	23
Colombia	200	107	27	8	23	0	24	11
Peru	207	123	17	7	11	0	29	20
Venezuela	102	60	17	6	4	0	14	1

Table 8.5 (continued)

Year/Travel Market	Total	Purpose of Travel					Not Reported	
		Holiday	Business	Official Mission	Convention	Health		Others
<b>EUROPE</b>								
Western Europe	214,919	150,474	45,773	2,466	1,760	0	8,349	6,097
Austria	4,222	3,506	421	34	11	0	148	102
Belgium	3,363	2,222	786	84	33	0	150	88
France	13,089	8,693	2,926	300	111	0	619	440
Germany	34,218	26,659	5,088	326	120	0	1,197	828
Luxembourg	163	130	16	4	3	0	6	4
Netherlands	7,239	4,434	2,082	109	53	0	392	169
Switzerland	12,200	10,041	1,448	83	45	0	312	271
Northern Europe	55,365	37,502	13,459	597	539	0	2,065	1,203
Denmark	4,105	2,931	829	66	15	0	188	76
Finland	1,051	572	349	20	12	0	72	26
Ireland	1,439	934	352	18	15	0	82	38
Norway	3,215	2,243	631	54	23	0	162	102
Sweden	7,184	5,574	1,126	83	34	0	234	133
United Kingdom	38,371	25,248	10,172	356	440	0	1,327	828
Southern Europe	14,970	9,941	3,077	171	155	0	719	907
Greece	615	237	231	10	4	0	71	62
Italy	9,416	6,346	1,870	103	98	0	405	594
Portugal	1,352	1,085	168	17	7	0	39	36
Spain	3,342	2,176	742	31	42	0	161	190
Yugoslavia	245	97	66	10	4	0	43	25
Eastern Europe	890	233	291	50	10	0	188	118
USSR	639	115	259	30	10	0	123	102
Poland	251	118	32	20	0	0	65	16
<b>OCEANIA</b>								
Australia	50,522	38,811	7,984	419	502	0	2,003	803
Guam	6,100	4,662	220	45	13	0	884	276
Nauru	214	170	8	5	0	0	17	14
New Zealand	4,500	2,924	1,130	65	101	0	213	67
Papua New Guinea	962	464	114	104	39	0	207	34
<b>AFRICA</b>								
Egypt	1,097	457	182	33	6	0	192	227
Nigeria	401	182	80	45	17	0	50	27
South Africa	359	228	84	4	10	0	24	9
Others & Unspecified Residences	9,766	4,675	1,615	574	374	0	1,731	797
Oveseas Filipinos	109,764	89,775	2,663	345	178	0	10,668	6,135

**Table 8.6**  
**ESTIMATED TOURIST RECEIPTS**  
**1970 TO 1992**

Year	Number of visitor arrivals 1/ (actual)	Average length of stay 2/ (days)	Total tourist receipts (thousand U.S. dollars)
1970	144,071	7.3	94,730
1971	144,321	7.3	65,930
1972	166,431	7.3	121,970
1973	242,811	7.8	76,900
1974	410,138	7.8	58,180
1975	502,211	7.8	109,630
1976	615,159	8.1	93,060
1977	730,123	9.5	130,850
1978	859,396	11.0	21,050
1979	966,873	9.6	238,010
1980	1,008,159	8.4	319,740
1981	938,953	8.2	343,720
1982	890,807	8.8	450,140
1983	860,550	8.7	464,750
1984	816,712	8.2	366,250
1985	773,074	9.1	507,000
1986	781,517	9.0	647,060
1987	794,700	8.9	458,000
1988	1,043,114	12.6	405,000
1989	1,189,719	22.8	469,000
1990	1,024,520	12.1	466,000
1991	951,365	12.0	571,000
1992	1,152,952	11.3	842,000

1 Starting 1972, data include figures on arriving Filipinos permanently residing abroad.

2 The average length of stay for 1970-1979 were based on the results of the Visitor Sample Survey while the figures for 1980-1983 were computed from the Arrival/Departure Cards.

Source: Tourism Research and Statistics Division, Department of Tourism and except for figures on total tourist receipts which were obtained from the Central Bank of the Philippines.

Figure 8.3 Air Visitor Arrivals by Country of Residence: 1992

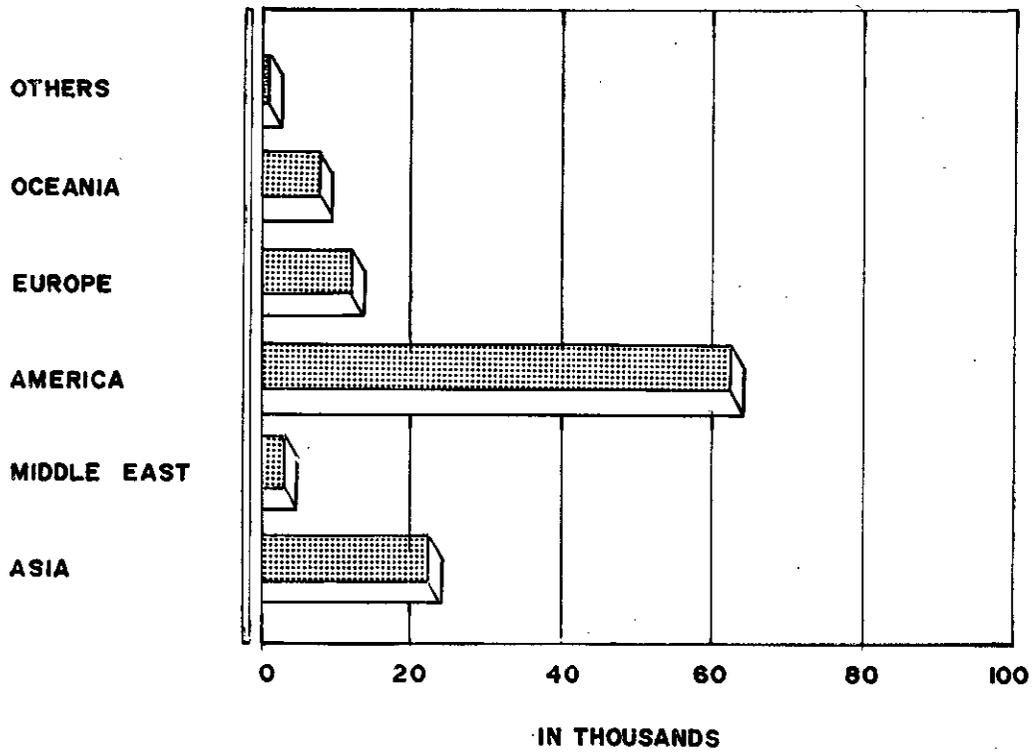
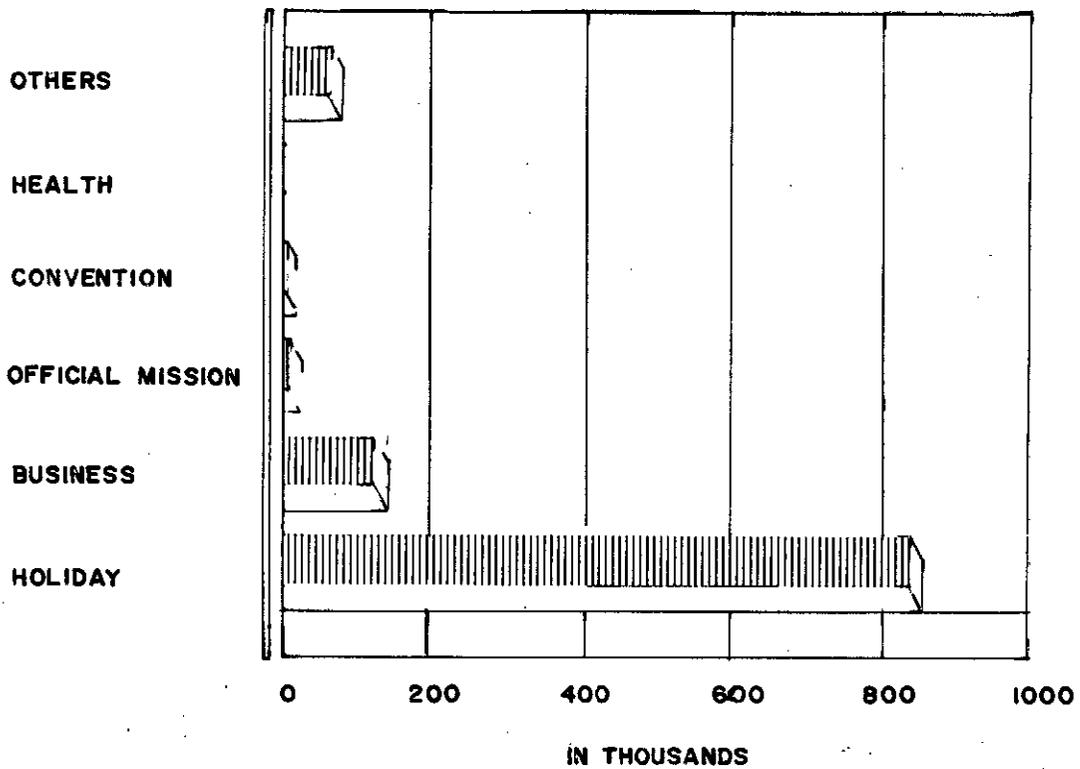


Figure 8.4 Air Visitor Arrivals by Purpose of Travel: 1992



**Table 8.7****AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS  
IN METRO MANILA BY HOTEL CATEGORY: 1980 to 1992**

Year	Total	Hotel Category				
		5-Star	4-Star	3-Star	2-Star	1-Star
<b>Average number of rooms</b>						
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
<b>Average occupancy rate</b>						
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
<b>Average number of rooms</b>					
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
<b>Average occupancy rate</b>					
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	60.68	70.21	60.58	58.90	53.05

Note: New hotel category for 1988 to 1991.

Source: Tourism Research and Statistics Division, Department of Tourism.

# 9 VITAL, HEALTH AND NUTRITION STATISTICS

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

Statistics on 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 presents data on births by month by place of birth, classified by sex, legitimacy, order of birth, age of mother, nationality of parents, and attendance at birth. Data on deaths are presented by month and by place of death, classified by cause of death, age, sex, civil status, occupation and nationality of the deceased. Statistics on foetal deaths are tabulated showing number of foetal deaths by month and by place of death, classified by order of birth, age of mother, period of gestation and weight at birth.

It also compiles data on marriages showing tabulations by months and by place of occurrence, classified by age and by previous marital status of bride and groom and by type of ceremony. These vital statistics are published in the NSO annual publication, the *Vital Statistics Report* and the *Journal of Philippine Statistics*.

This chapter also presents projections of population characteristics such as total fertility rate, net reproduction rate, crude birth rate and crude death rate for the Philippines as estimated by the NSO.

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 Administration, and the Bureau of Quarantine.

Statistics on the average daily per capita net available food supply by type of food, and on the calorie and nutrient value of the total per capita daily food supply are also presented in this chapter. These data provide a basis for assessing the adequacy of food intake measured in terms of food availability as against nutritional requirements. The National Statistical Coordination Board prepares and publishes these data through its *Food Balance Sheet*.

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 have been included as a regular component of their respective chapters.

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**Table 9.1**  
**NUMBER OF REGISTERED MARRIAGES AND RATE BY REGION**  
*(Rates per 1,000 population)*  
**1960 to 1991**

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	143,048	5.2	a	0.0	-	-	11,460	4.7	4,964	4.1	15,295	5.9	36,963	b 6.6
1965	184,268	5.8	a	0.0	-	-	16,397	6.0	7,311	5.1	22,441	7.2	51,171	b 7.5
1970	255,873	7.0	a	0.0	-	-	20,111	6.7	9,707	5.7	30,542	8.2	78,928	b 9.4
1971	252,731	6.7	a	0.0	-	-	21,800	7.1	10,000	5.7	31,563	8.2	71,893	b 8.3
1972	248,261	6.4	a	0.0	-	-	21,008	6.7	11,143	6.2	30,754	7.7	71,826	b 8.0
1973	263,338	6.6	a	0.0	-	-	21,490	6.8	9,947	5.4	31,621	7.7	74,223	b 8.0
1974	287,984	7.0	a	0.0	-	-	21,485	6.6	11,429	6.1	33,078	7.8	76,495	b 7.9
1975	299,514	7.1	a	0.0	-	-	22,323	6.7	13,304	6.9	37,020	8.5	83,676	b 8.3
1976	303,988	7.0	47,456	9.0	-	-	24,563	7.2	12,940	6.5	36,480	7.9	40,638	8.1
1977	324,466	7.3	51,661	9.0	-	-	24,954	7.2	14,976	7.2	39,478	8.3	44,493	8.6
1978	340,108	7.5	55,850	9.9	-	-	26,128	7.6	15,051	7.2	41,771	9.1	46,830	8.3
1979	360,888	7.7	57,751	10.0	-	-	26,082	7.5	17,591	8.1	45,618	9.7	47,338	7.9
1980	354,300	7.3	59,708	10.0	-	-	26,663	7.5	16,058	7.2	43,231	9.0	47,862	7.8
1981	349,742	7.0	60,338	9.8	-	-	27,162	7.5	16,121	7.0	43,457	8.5	47,425	7.5
1982	351,819	6.9	62,585	9.9	-	-	27,256	7.4	16,915	7.2	44,820	8.8	47,140	7.2
1983	351,663	6.8	61,790	9.4	-	-	27,307	7.3	15,198	6.3	45,385	8.7	49,004	7.3
1984	380,172	7.1	64,570	9.6	-	-	27,321	7.1	16,275	6.6	45,878	8.6	52,976	7.7
1985	379,150	6.9	63,660	9.1	-	-	26,638	6.8	17,467	6.9	46,849	8.5	54,516	7.9
1986	389,482	6.9	63,187	8.8	-	-	27,197	6.8	17,976	7.0	46,783	8.4	55,057	7.6
1987	400,760	6.9	68,293	9.3	-	-	28,107	6.9	17,362	6.6	47,605	8.3	56,262	7.5
1988	393,514	6.7	71,805	9.5	6,542	6.6	22,463	6.4	15,262	6.5	46,996	8.0	51,804	6.7
1989	395,933	6.6	76,620	9.9	6,293	5.6	24,289	7.0	15,267	6.3	50,183	8.4	53,428	6.8
1990	422,041	6.9	84,502	10.6	6,260	5.4	25,607	7.3	15,460	6.3	53,269	8.7	57,815	7.1
1991 P	406,666	6.7	82,932	10.4	6,980	6.6	24,156	7.0	15,619	6.3	47,941	8.3	56,708	7.5

P Preliminary

a Included in Region 4.

b Including Metropolitan Manila Area (NCR).

Source: National Statistics Office.

Table 9.1 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
10,380	4.4	14,341	4.6	16,686	6.6	9,455	4.6	4,512	3.3	8,091	6.1	6,089	4.4	4,812	3.4
13,980	5.2	15,373	4.6	16,813	6.0	10,831	4.9	6,142	3.8	8,539	5.3	8,384	4.8	6,886	4.2
16,828	5.6	21,776	6.0	20,912	6.9	12,899	5.4	8,349	4.4	13,733	7.0	15,370	7.0	6,718	3.4
16,384	5.4	23,095	6.3	21,425	6.9	12,510	5.2	8,969	4.6	13,509	6.6	15,798	6.8	5,785	2.9
15,137	4.9	22,352	6.0	20,542	6.5	10,521	4.3	8,361	4.2	13,080	6.2	17,204	7.1	6,333	3.0
20,307	6.5	23,940	6.3	21,280	6.6	13,121	5.3	8,432	4.1	14,544	6.6	18,297	7.2	6,136	2.8
22,495	7.1	25,936	6.8	25,574	7.8	17,558	7.1	8,987	4.2	16,014	6.9	22,166	8.3	6,767	3.0
21,707	6.8	26,633	6.4	25,391	7.5	15,046	5.8	9,738	4.8	15,174	6.6	22,063	8.1	7,439	3.6
20,696	6.2	27,567	6.9	24,922	7.2	13,693	5.3	9,058	3.9	15,859	6.2	22,295	7.5	7,821	3.2
21,312	6.3	26,468	6.5	25,256	7.1	15,111	5.8	11,310	4.7	17,183	6.4	23,277	7.4	8,987	3.5
21,987	6.6	27,976	6.2	26,231	7.2	14,472	5.3	10,494	4.8	18,742	7.4	24,777	8.2	9,799	4.5
24,865	7.3	29,592	6.6	28,944	7.8	15,706	5.7	12,173	5.0	19,321	7.2	26,680	8.2	9,227	4.1
21,827	6.3	29,818	6.6	27,670	7.3	14,400	5.1	12,132	4.8	19,632	7.1	25,601	7.6	9,698	4.3
20,504	6.1	29,977	6.4	26,469	6.8	13,309	4.7	12,248	4.7	18,076	6.3	25,013	6.8	9,643	4.1
18,600	5.1	30,374	6.4	26,841	6.8	12,798	4.4	10,898	4.1	18,806	6.4	25,148	7.1	9,638	4.0
19,062	5.1	28,939	5.9	24,667	6.1	13,622	4.6	12,021	4.4	19,386	6.4	25,685	7.0	9,597	3.9
22,336	5.8	31,317	6.3	28,405	6.9	16,312	5.4	13,949	5.0	21,815	7.0	27,948	7.5	11,070	4.4
25,981	6.6	28,680	5.6	26,886	6.2	15,237	5.0	13,271	4.6	21,298	6.7	27,740	7.2	10,927	4.2
24,425	6.1	32,823	6.3	30,311	7.1	16,665	5.3	14,084	4.8	22,538	6.9	27,511	7.0	10,925	4.1
24,597	6.0	33,404	6.3	31,388	7.2	16,623	5.2	13,986	4.7	23,709	7.1	28,784	7.1	10,640	3.9
20,462	4.9	32,717	6.0	31,614	7.1	15,701	4.8	14,657	4.8	24,368	7.1	29,365	7.1	9,758	3.5
20,139	4.7	32,703	5.9	31,076	6.9	13,327	4.0	13,378	4.3	21,197	6.0	28,205	6.7	9,828	3.4
22,907	5.2	32,651	5.8	32,499	7.0	15,521	4.6	14,090	4.4	23,558	6.5	29,456	6.8	8,446	2.9
25,739	6.6	32,750	6.0	27,448	6.4	16,129	5.0	14,527	4.8	21,187	6.0	28,947	7.2	5,603	2.9

**Table 9.2**  
**LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR,**  
**MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES**  
**1950 to 1990**

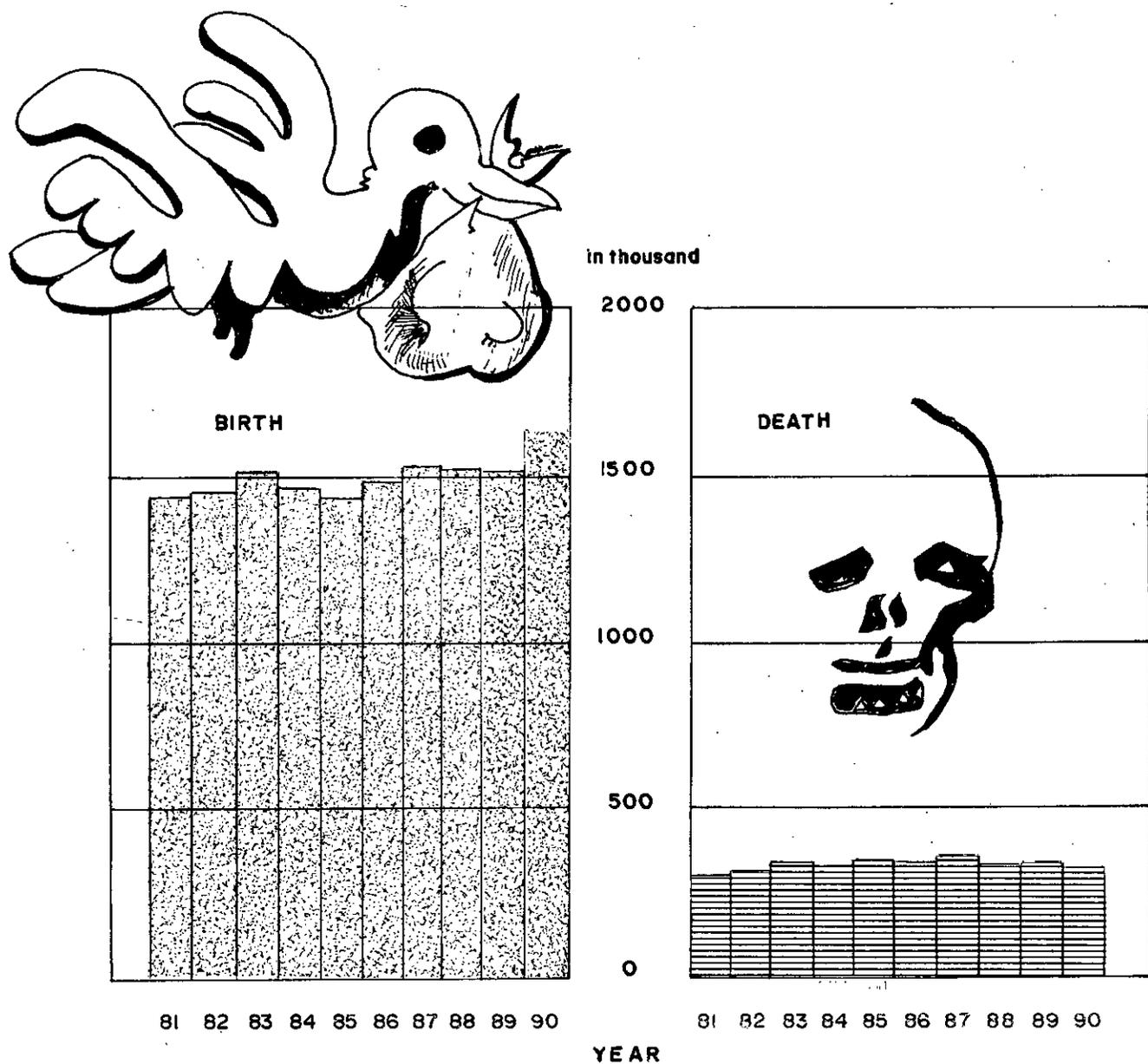
Year	Births		Total Deaths		Deaths under 1 year		Maternal deaths		Foetal deaths	
	Crude 1/ Number	Rate	Crude Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	642,472	31.6	226,505	11.1	65,273	101.6	2,406	3.7	...	...
1955	734,761	30.9	219,798	9.0	61,958	84.3	2,339	3.2	...	...
1960	649,651	23.7	196,544	7.2	54,968	84.6	1,981	3.0	9,966	15.3
1965	795,415	25.0	234,935	7.4	57,988	72.9	1,757	2.2	14,454	18.2
1970	966,762	26.4	234,038	6.4	57,970	60.0	1,950	2.0	12,561	13.0
1971	963,749	25.4	250,139	6.6	59,730	62.0	1,261	1.3	12,969	13.5
1972	968,385	24.8	285,761	7.3	65,719	67.9	1,379	1.4	13,577	14.0
1973	1,049,290	26.2	283,475	7.1	67,881	64.7	1,488	1.4	10,808	10.3
1974	1,081,073	26.2	283,975	6.9	63,491	58.7	1,690	1.6	13,451	12.4
1975	1,223,837	29.1	271,136	6.4	65,263	53.3	1,753	1.4	13,764	11.2
1976	1,314,860	30.3	299,861	6.9	74,792	56.9	1,862	1.4	14,865	11.3
1977	1,344,836	30.3	308,904	7.0	76,330	56.8	1,909	1.4	14,589	10.8
1978	1,387,588	30.5	297,034	6.5	73,640	53.1	1,734	1.2	14,365	10.4
1979	1,429,814	30.3	306,427	6.6	71,772	50.2	1,634	1.1	14,586	10.2
1980	1,456,860	30.3	298,006	6.2	65,700	45.1	1,609	1.1	13,965	9.6
1981	1,461,204	29.5	301,117	6.1	64,415	44.1	1,542	1.1	13,343	9.1
1982	1,474,491	29.1	308,758	6.1	61,665	41.8	1,425	1.0	13,465	9.1
1983	1,506,356	28.9	327,260	6.3	64,267	42.7	1,502	1.0	14,780	9.8
1984	1,475,844	27.7	313,359	5.9	56,897	38.6	1,379	0.9	11,884	8.1
1985	1,437,154	26.3	334,663	6.1	54,613	38.0	1,489	1.0	8,948	6.2
1986	1,493,995	26.7	326,749	6.0	52,263	35.0	1,573	1.1	8,400	5.6
1987	1,582,469	27.6	335,254	5.8	50,803	32.1	1,611	1.0	10,515	6.6
1988	1,565,372	26.7	325,098	5.5	47,187	30.1	1,745	1.1	10,641	6.8
1989	1,565,254	26.0	325,621	5.4	43,026	27.5	1,579	1.0	11,423	7.3
1990	1,631,069	26.3	313,890	5.1	39,633	24.3	1,307	0.8	11,915	7.3

1/ Per 1,000 Population.

2/ Per 1,000 live births.

Sources: Health Intelligence Service, Department of Health, CY 1950-55 and National Statistics Office, CY 1960-1988.

Figure 9.1 Number of Livebirths and Deaths, Philippines: 1981 to 1990



**Table 9.3**  
**NUMBER OF REGISTERED LIVE BIRTHS AND RATE BY REGION**  
*(Rate per 1,000 population)*  
**1950 to 1990**

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	642,472	31.7	a	0.0	-	-	81,079	38.0	31,149	43.4	67,078	34.3	146,266	b 37.7
1955	737,761	31.2	a	0.0	-	-	81,974	34.6	37,543	43.1	80,699	35.7	182,805	b 39.3
1960	649,651	23.7	a	0.0	-	-	77,102	31.5	33,564	27.6	77,157	29.7	200,647	b 35.9
1965	795,415	25.0	a	0.0	-	-	84,347	31.0	37,178	25.8	91,103	29.1	250,038	b 36.6
1970	966,762	26.2	a	0.0	-	-	94,644	31.5	48,590	28.6	113,881	30.5	288,997	b 34.6
1971	963,749	25.5	a	0.0	-	-	97,234	31.8	51,093	29.4	113,008	29.3	290,958	b 33.6
1972	968,385	24.9	a	0.0	-	-	96,026	30.8	51,105	28.7	115,311	29.0	290,100	b 32.3
1973	1,049,290	26.3	a	0.0	-	-	97,723	30.8	55,679	30.5	120,072	29.3	303,370	b 32.6
1974	1,081,073	26.3	a	0.0	-	-	95,964	29.7	55,385	29.6	121,159	28.6	301,081	b 31.3
1975	1,223,837	29.1	a	0.0	-	-	100,606	30.6	64,128	33.2	138,770	31.7	318,680	b 31.8
1976	1,314,860	30.1	181,590	33.6	-	-	107,745	32.3	67,594	32.9	150,245	33.4	174,543	35.5
1977	1,344,836	30.3	198,018	36.3	-	-	108,433	32.0	68,068	33.4	141,714	31.7	175,847	31.9
1978	1,387,588	30.5	194,605	34.4	-	-	118,154	34.3	80,474	38.5	148,030	32.2	181,915	32.2
1979	1,429,814	30.3	210,395	36.5	-	-	113,838	32.5	72,424	33.3	151,852	32.3	188,072	31.5
1980	1,456,860	30.3	217,612	36.9	-	-	115,920	32.8	71,581	32.5	157,470	32.9	192,888	31.7
1981	1,461,204	29.5	221,533	36.1	-	-	119,083	33.0	70,903	31.1	157,332	31.8	197,310	31.1
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
1983	1,506,356	28.9	224,058	34.3	-	-	120,325	32.0	73,429	30.6	161,370	31.1	202,665	30.2
1984	1,475,844	27.7	225,795	33.5	-	-	119,663	31.3	70,866	28.8	159,837	30.0	205,125	29.8
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
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
1987	1,582,469	27.6	242,905	33.0	-	-	120,972	30.2	72,957	27.5	167,576	29.1	221,017	29.5
1988	1,565,372	26.7	250,861	33.5	-	-	118,154	28.2	73,371	27.4	167,644	29.0	213,778	28.0
1989	1,565,254	26.0	263,356	34.2	29,119	25.4	95,002	27.7	65,417	27.1	168,631	28.3	212,863	27.0
1990	1,631,069	26.3	281,817	34.8	29,059	24.9	98,092	27.0	66,163	27.6	179,158	28.3	226,957	26.9

a Included in Region 4.

b Including Metropolitan Manila (National Capital Region).

Source: National Statistics Office.

Table 9.3 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
62,124	35.2	58,973	22.5	75,896	34.8	55,139	30.4	10,987	13.0	28,746	29.7	15,907	29.6	9,128	10.3
63,303	30.7	65,920	23.0	77,172	32.6	54,808	28.3	16,070	15.0	34,241	30.7	27,323	31.7	15,903	12.9
50,996	21.4	34,574	11.2	62,131	24.5	21,705	10.6	13,388	9.8	29,179	22.2	31,395	22.8	17,813	12.7
63,617	23.8	45,026	13.4	77,261	27.7	31,900	14.4	17,949	11.2	37,143	23.2	35,485	20.3	24,368	14.7
74,048	24.8	52,321	14.4	91,062	29.9	39,103	16.3	24,208	12.9	47,619	24.3	68,277	30.9	24,012	12.3
71,918	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
76,801	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
87,206	27.9	65,977	17.5	94,244	29.2	41,208	16.7	23,861	11.5	56,499	25.5	78,440	30.9	25,011	11.6
88,882	28.0	76,441	20.0	93,359	28.4	46,150	18.6	29,779	13.9	63,372	27.5	82,546	31.0	26,955	12.1
103,702	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
107,701	33.1	107,022	25.0	108,395	31.2	55,036	19.8	39,818	18.8	76,845	31.1	100,946	35.7	37,380	17.6
105,418	31.7	107,773	24.7	108,053	30.5	55,885	20.8	47,668	22.2	82,388	33.5	105,781	36.1	39,790	18.5
105,037	31.6	102,213	22.9	111,147	30.7	55,266	20.6	50,053	22.9	88,952	35.2	108,232	35.8	43,510	19.9
111,814	32.6	110,124	24.7	112,925	30.3	58,227	21.0	55,962	22.8	89,107	33.1	111,146	34.3	43,928	19.3
111,988	32.2	112,200	24.8	114,054	30.2	57,887	20.7	55,283	21.9	91,125	33.1	114,093	34.2	44,759	19.8
109,429	30.7	114,966	24.8	114,804	29.6	56,929	19.9	52,254	20.1	87,583	30.6	113,821	32.7	45,257	19.5
108,204	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
108,497	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
105,697	27.6	105,842	21.3	113,726	21.3	58,211	19.3	57,127	20.4	89,715	29.0	115,618	30.9	48,622	19.2
109,936	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
109,973	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
117,683	28.6	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
108,163	25.7	111,265	20.2	129,566	29.3	59,906	18.4	60,959	20.3	102,355	29.5	123,128	28.7	46,222	16.5
106,306	24.8	108,686	19.6	133,910	29.6	55,563	16.8	60,823	19.4	98,324	27.9	119,633	27.6	47,621	16.6
109,151	27.3	115,915	21.0	140,231	29.9	57,857	18.5	60,661	18.8	99,920	27.8	119,997	26.3	46,091	14.2

**Table 9.4**  
**NUMBER OF REGISTERED DEATHS AND RATE BY REGION**  
*(Rate per 1,000 population)*  
**1950 to 1990**

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	226,505	11.2	a	0.0	-	-	26,703	1.2	10,719	14.9	26,057	13.3	45,507	b 11.7
1955	212,798	9.0	a	0.0	-	-	22,873	9.6	11,333	13.0	21,652	9.6	42,403	b 9.1
1960	186,544	7.2	a	0.0	-	-	20,709	8.5	12,174	10.0	10,291	7.8	47,543	b 8.5
1965	234,935	7.4	a	0.0	-	-	24,022	8.8	12,847	8.9	23,468	7.5	56,240	b 8.2
1970	234,038	6.4	a	0.0	-	-	22,441	7.5	11,211	6.6	23,163	6.2	61,235	b 7.8
1971	250,209	6.6	a	0.0	-	-	24,246	7.9	12,491	7.2	24,091	6.2	66,831	b 7.7
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
1973	282,140	7.1	a	0.0	-	-	26,334	8.3	15,768	8.6	26,831	6.5	67,964	b 7.3
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
1975	271,136	6.4	a	0.0	-	-	25,008	7.6	14,234	7.4	26,647	6.1	68,239	b 6.8
1976	299,861	6.9	42,003	7.8	-	-	24,972	7.5	14,936	7.3	27,068	6.2	38,385	7.8
1977	308,904	2.0	49,770	9.1	-	-	25,876	7.6	14,181	7.0	28,190	6.3	38,408	7.0
1978	297,034	6.5	40,468	7.2	-	-	25,602	7.4	15,151	7.2	27,580	6.0	37,949	6.7
1979	306,427	6.5	42,888	7.4	-	-	26,718	7.6	15,675	7.2	28,705	6.1	39,898	6.7
1980	298,006	6.2	42,277	7.2	-	-	25,869	7.3	15,336	7.0	27,901	5.8	37,805	6.2
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
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
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
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
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
1986	326,749	5.8	44,532	6.2	-	-	29,203	7.4	15,923	6.2	31,686	5.7	45,917	6.3
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
1988	325,098	5.5	49,470	6.6	-	-	28,340	6.8	14,962	5.6	32,210	5.6	48,631	6.4
1989	325,621	5.4	50,431	6.5	4,263	3.7	25,112	7.3	13,154	5.5	31,730	5.3	47,058	6.0
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

a Included in Region 4.

b Including Metropolitan Manila Area (National Capital Region)

Source: National Statistics Office.

Table 9.4 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
19,892	11.3	27,284	10.4	27,205	12.5	20,703	11.4	4,140	5.0	11,532	11.9	3,768	7.0	2,995	3.4
18,713	9.1	25,506	8.9	26,296	11.1	20,167	10.4	4,752	4.4	11,149	10.0	4,304	5.6	3,650	3.0
18,476	7.7	19,701	6.4	20,414	8.0	13,490	6.6	4,010	2.9	9,995	7.6	5,532	4.0	4,209	3.0
21,075	7.9	22,223	6.6	26,799	9.6	17,609	7.9	5,997	3.7	11,158	7.0	7,842	4.5	5,655	3.4
19,507	6.5	23,084	6.4	23,327	7.7	15,751	6.6	6,755	6.6	11,726	6.0	11,087	5.0	4,751	2.4
22,314	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
24,108	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
27,978	9.0	28,461	7.5	29,418	9.1	19,726	8.0	6,661	3.9	14,041	6.3	12,231	4.8	6,727	3.1
24,702	7.8	29,283	7.7	28,055	8.5	19,511	7.9	8,036	3.8	13,773	6.0	14,918	5.6	5,781	2.6
23,311	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
25,551	7.9	31,412	7.4	27,646	7.9	20,280	7.3	10,524	5.0	15,504	6.5	14,868	5.3	6,712	3.2
26,738	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
26,114	7.8	30,912	6.9	26,911	7.6	19,784	7.3	9,702	4.4	14,835	5.9	15,548	5.1	6,478	3.0
25,742	7.5	31,589	7.1	28,100	7.5	20,334	7.3	9,798	4.0	14,586	5.4	16,283	5.0	6,111	2.7
24,991	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
26,016	7.3	30,697	6.6	26,890	6.9	18,730	6.5	7,984	3.1	15,514	5.4	16,588	4.8	6,959	3.0
26,015	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
27,225	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
24,531	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	3.1
25,929	6.6	35,117	6.9	28,612	6.8	19,532	6.4	10,811	3.8	17,330	5.4	17,214	4.5	8,075	3.1
26,913	6.7	32,301	6.2	28,831	6.7	18,018	5.8	10,425	3.6	17,503	5.4	17,864	4.5	7,624	2.9
29,820	7.2	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
25,274	6.0	31,330	5.7	27,604	6.2	17,280	5.3	9,546	3.2	15,708	4.5	17,658	4.1	7,085	2.5
25,639	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
22,131	5.5	31,161	5.6	28,177	6.0	15,407	4.9	10,165	3.1	15,456	4.3	17,371	3.8	6,009	1.9

**Table 9.5**  
**MORTALITY: ALL CAUSES BY AGE, SEX AND BY REGION**  
**1990**

Age Group	Philippines			Metropolitan Manila Area (National Capital Region)			Cordillera Administrative Region			Both Sexes
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	
All Ages	313,890	185,788	128,102	49,591	29,340	20,251	4,530	2,776	1,754	24,461
Under 1 year	39,633	23,021	16,612	7,712	4,465	3,247	438	257	181	2,742
1- 4 years	23,932	12,931	11,001	3,321	1,747	1,574	220	122	98	1,493
5- 9 years	8,650	4,852	3,798	1,035	586	449	127	69	58	554
10-14 years	5,462	3,132	2,330	646	358	288	104	68	36	303
15-19 years	6,991	4,454	2,537	1,018	611	407	163	107	56	418
20-24 years	10,013	6,979	3,034	1,747	1,251	496	241	169	72	635
25-29 years	10,858	7,602	3,256	1,936	1,363	573	235	165	70	617
30-34 years	11,258	7,830	3,428	1,947	1,365	582	250	184	66	739
35-39 years	11,457	7,712	3,745	1,950	1,309	641	213	156	57	720
40-44 years	11,694	7,997	3,697	2,087	1,419	668	169	118	51	823
45-49 years	12,943	8,875	4,068	2,198	1,488	710	196	134	62	922
50-54 years	15,375	10,091	5,284	2,562	1,597	965	240	156	84	1,118
55-59 years	16,394	10,716	5,678	2,906	1,883	1,023	245	151	94	1,117
60-64 years	19,088	12,103	6,985	3,264	2,086	1,178	296	165	131	1,399
65-69 years	19,481	11,668	7,813	3,234	1,915	1,319	295	166	129	1,523
70 years & over	90,660	45,824	44,836	12,028	5,897	6,131	1,098	589	509	9,338
Not stated	1	1	0	-	0	0	-	0	0	0

Age Group	Region 6			Region 7			Region 8			Both Sexes
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	
All Ages	31,161	18,588	12,573	28,177	15,843	12,334	15,407	9,030	6,377	10,165
Under 1 year	3,306	1,916	1,390	3,764	2,186	1,578	1,567	910	657	1,487
1- 4 years	2,005	1,089	916	2,200	1,182	1,018	1,566	857	709	1,085
5- 9 years	907	524	383	749	426	323	612	328	284	376
10-14 years	564	331	233	458	250	208	320	174	146	217
15-19 years	682	435	247	516	340	176	325	213	112	292
20-24 years	921	664	257	750	502	248	457	331	126	380
25-29 years	1,022	762	260	771	489	282	485	340	145	439
30-34 years	1,053	751	302	796	524	272	522	360	162	461
35-39 years	1,107	767	340	827	518	309	534	344	190	435
40-44 years	1,090	771	319	891	584	307	515	359	156	390
45-49 years	1,316	881	435	1,062	709	353	642	430	212	464
50-54 years	1,511	1,011	500	1,279	810	469	699	437	262	493
55-59 years	1,654	1,085	569	1,360	797	563	800	525	275	491
60-64 years	1,830	1,134	696	1,689	968	721	1,002	602	400	558
65-69 years	2,035	1,225	810	1,733	964	769	1,016	577	439	525
70 years & over	10,158	5,242	4,916	9,332	4,594	4,738	4,345	2,243	2,102	2,072
Not stated	0	0	0	0	0	0	0	0	0	0

Source: National Statistics Office.

Table 9.5 (continued)

Region 1		Region 2			Region 3			Region 4			Region 5		
Male	Female	Both Sexes		Male	Female	Both Sexes		Male	Female	Both Sexes		Male	Female
13,740	10,721	12,462	7,405	5,057	31,853	18,758	13,095	45,116	26,711	18,405	22,131	12,910	9,221
1,573	1,169	1,771	1,016	755	3,468	2,026	1,442	6,063	3,532	2,531	2,749	1,612	1,137
829	664	945	517	428	1,681	933	748	3,694	1,981	1,713	2,455	1,310	1,145
297	257	369	214	155	688	406	282	1,214	665	549	780	432	348
169	134	266	149	117	508	293	215	792	449	343	475	281	194
256	162	314	187	127	751	456	295	929	584	345	523	315	208
413	222	408	275	133	926	610	316	1,364	939	425	594	390	204
416	201	448	305	143	1,067	736	331	1,470	1,044	426	647	418	229
485	254	492	348	144	1,065	712	353	1,536	1,098	438	695	433	262
466	254	453	300	153	1,178	786	392	1,580	1,060	520	691	438	253
547	276	439	315	124	1,223	788	435	1,704	1,183	521	749	475	274
650	272	500	322	178	1,309	907	402	1,844	1,260	584	763	515	248
754	364	632	441	191	1,571	1,035	536	2,161	1,422	739	976	636	340
703	414	638	399	239	1,721	1,154	567	2,330	1,564	766	1,054	705	349
881	518	697	442	255	2,049	1,362	687	2,742	1,813	929	1,249	813	436
920	603	684	429	255	2,202	1,351	851	2,725	1,642	1,083	1,287	809	478
4,381	4,957	3,406	1,746	1,660	10,446	5,203	5,243	12,968	6,475	6,493	6,444	3,328	3,116
0	0	0	0	0	0	0	0	0	0	0	0	0	0

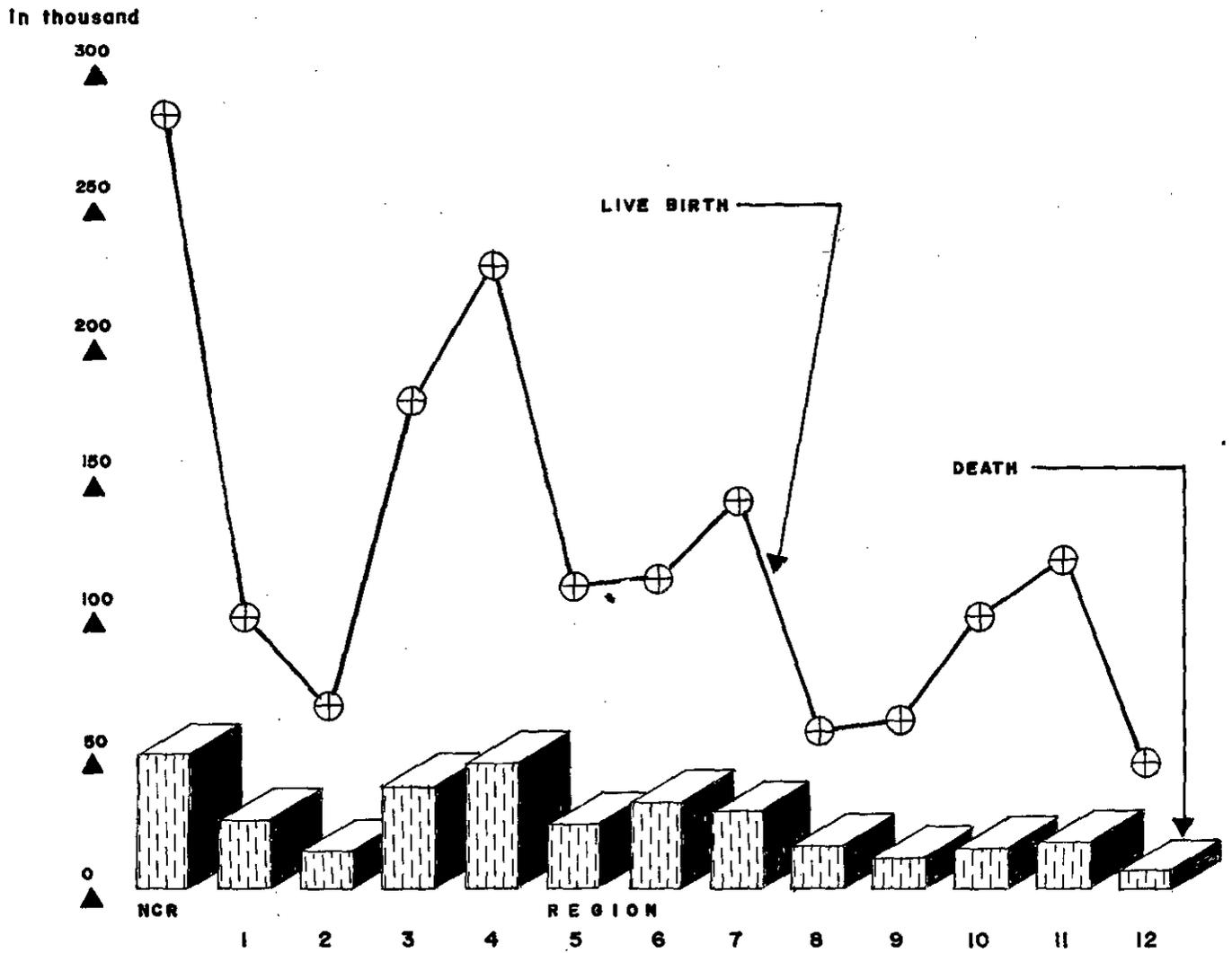
Region 9		Region 10			Region 11			Region 12			
Male	Female	Both Sexes		Male	Female	Both Sexes		Male	Female	Both Sexes	
6,345	3,820	15,456	9,521	5,935	17,371	10,876	6,495	6,009	3,945	2,064	
876	611	1,891	1,102	789	2,035	1,183	852	640	367	273	
588	497	1,266	689	577	1,525	839	686	476	248	228	
188	188	481	282	199	577	334	243	181	101	80	
135	82	306	170	136	366	221	145	137	84	53	
193	99	396	278	118	500	359	141	164	120	44	
284	96	603	418	185	740	549	191	247	184	63	
316	123	659	475	184	771	552	219	291	221	70	
332	129	625	448	177	758	539	219	319	251	68	
308	127	653	463	190	762	536	226	354	261	93	
266	124	641	467	174	673	461	212	300	244	56	
344	120	661	451	210	763	557	206	303	227	76	
324	169	840	556	284	932	644	288	361	268	93	
352	139	820	555	265	946	619	327	312	224	88	
362	196	956	592	364	1,004	631	373	353	252	101	
323	202	848	511	337	1,039	624	415	335	212	123	
1,154	918	3,809	2,063	1,746	3,980	2,228	1,752	1,236	681	555	
0	0	1	1	0	0	0	0	0	0	0	

**Table 9.6**  
**MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES**  
**AND PERCENT OF TOTAL DEATHS, PHILIPPINES**  
*(Crude death rate per 100,000 population)*  
**1985 to 1989 and 1990**

Cause	5 - Year Average (1985 - 1989)			1990		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	49,984	87.1	15.2	41,239	66.3	13.1
2. Diseases of the heart	39,933	69.6	12.1	46,272	74.4	14.7
3. Tuberculosis, all forms	28,854	50.3	8.8	24,307	39.1	7.7
4. Diseases of the vascular system	30,338	52.9	9.2	33,729	54.2	10.7
5. Malignant neoplasms	20,004	34.9	6.1	22,179	35.7	7.1
6. Diarrheas	10,316	18.0	3.1	7,493	12.0	2.4
7. Accidents	11,051	19.3	3.4	3,993	6.4	1.3
8. Septicemia	4,598	8.0	1.4	5,835	9.4	1.9
9. Measles	8,246	14.4	2.5	3,499	5.6	1.1
10. Nephritis, nephrotic syndrome and neprosis	4,986	8.7	1.5	5,151	8.3	1.6

Source: Health Intelligence Services, Department of Health

Figure 9.2 Number of Livebirths and Deaths, by Region: 1990



**Table 9.7**  
**NUMBER OF REGISTERED INFANT MORTALITY UNDER ONE YEAR OLD BY REGION**  
*(Rate per 1,000 livebirths)*  
**1950 to 1990**

Year	Philippines		Manila Area (National Capital Region)		Cordillera Administrative Region		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	65,273	101.6	a	0.0	-	-	7,645	94.3	3,797	121.9	8,307	123.8	14,221	b 97.2
1955	61,958	84.3	a	0.0	-	-	6,125	74.7	3,759	100.1	6,791	84.1	14,030	b 76.6
1960	54,968	84.6	a	0.0	-	-	5,436	70.5	3,958	117.9	5,818	75.4	14,450	b 72.0
1965	57,988	72.9	a	0.0	-	-	5,553	65.8	3,535	95.1	5,877	64.5	15,582	b 62.3
1970	57,970	60.0	a	0.0	-	-	5,103	53.9	3,099	63.8	5,964	52.4	16,904	b 58.5
1971	59,730	62.0	a	0.0	-	-	5,398	55.5	3,779	74.0	5,972	52.8	17,877	b 61.4
1972	65,719	67.9	a	0.0	-	-	5,998	62.5	4,029	78.8	6,807	59.0	19,479	b 67.1
1973	67,881	64.7	a	0.0	-	-	5,875	60.1	4,253	76.4	6,593	54.9	18,545	b 61.1
1974	63,491	58.7	a	0.0	-	-	5,204	54.2	4,022	72.6	6,248	51.6	17,940	b 59.6
1975	65,263	53.3	a	0.0	-	-	5,372	53.4	4,070	63.5	6,534	47.1	17,668	b 55.4
1976	74,792	56.9	12,445	68.5	-	-	5,569	51.7	4,280	63.3	6,894	45.9	9,849	56.4
1977	76,330	56.8	14,427	72.9	-	-	5,854	54.0	3,940	57.9	7,027	49.6	10,201	58.0
1978	73,643	53.1	11,823	60.8	-	-	5,667	48.0	4,189	52.1	6,798	45.9	9,976	54.8
1979	71,772	49.8	10,713	50.9	-	-	5,713	50.2	4,234	54.3	6,563	43.2	9,862	52.4
1980	65,700	45.1	9,929	45.6	-	-	5,231	45.1	3,885	54.3	5,979	38.0	8,895	46.1
1981	64,415	44.1	9,280	41.9	-	-	5,150	43.2	3,613	51.0	5,622	35.7	9,152	46.4
1982	61,665	41.8	9,306	42.0	-	-	5,228	43.6	3,635	49.3	5,596	35.6	8,572	43.0
1983	64,267	42.7	9,367	41.8	-	-	5,295	44.0	3,626	49.4	5,519	34.2	8,933	44.1
1984	56,897	38.6	8,635	38.2	-	-	5,125	42.8	3,074	43.4	5,289	33.1	8,278	40.4
1985	54,613	38.0	8,419	38.7	-	-	4,888	43.0	3,023	42.5	5,078	33.1	7,882	39.0
1986	52,259	35.0	7,676	33.4	-	-	4,404	37.7	3,140	43.6	4,718	29.6	7,794	37.3
1987	50,803	32.1	8,394	34.6	-	-	3,955	32.7	2,739	37.5	4,472	26.7	7,594	34.4
1988	47,187	30.1	8,106	32.3	-	-	3,800	32.2	2,585	35.2	4,179	24.9	7,290	34.1
1989	43,026	27.5	7,956	30.2	490	16.8	3,055	32.2	2,132	32.6	3,854	22.8	6,249	29.4
1990	39,633	24.3	7,712	27.4	438	15.1	2,742	28.0	1,771	26.8	3,468	19.4	6,063	26.7

a Included in Region 4.

b Including Metropolitan Manila Area (National Capital Region).

Source: National Statistics Office.

Table 9.7 (continued)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
4,378	70.5	7,656	129.8	7,649	100.8	4,772	86.5	1,247	113.5	3,693	128.5	1,015	63.8	893	97.8
4,577	72.3	6,696	101.6	7,780	100.8	4,768	87.0	1,378	85.7	3,581	104.6	1,307	53.7	1,166	73.3
4,200	82.4	5,172	149.6	5,750	92.6	2,944	135.6	1,147	85.7	3,168	108.6	1,615	51.4	1,310	73.5
4,506	70.8	4,733	105.1	6,171	79.9	3,569	111.9	1,618	90.1	3,086	83.1	2,073	58.4	1,685	69.2
4,306	58.2	5,008	95.7	5,334	58.6	2,991	76.5	1,840	76.0	3,234	67.9	2,979	43.6	1,208	50.3
4,841	67.3	5,474	98.9	5,040	54.6	3,201	86.4	1,573	65.6	3,028	62.8	2,528	40.9	1,019	48.8
4,961	64.6	6,144	109.2	5,637	63.6	3,201	92.7	1,828	85.6	3,446	69.6	3,255	47.9	934	44.8
6,336	72.7	6,357	96.4	6,315	67.0	3,550	86.1	1,970	82.6	3,618	64.0	2,964	37.8	1,505	60.2
5,216	58.7	6,092	79.7	5,565	59.6	3,523	76.3	1,777	59.7	3,300	52.1	3,404	41.2	1,200	44.5
5,447	52.5	6,320	63.3	5,833	55.7	4,039	77.1	2,202	58.9	3,301	44.3	3,149	33.0	1,328	39.4
5,906	54.8	7,796	72.8	6,003	55.4	4,153	75.5	2,499	62.8	4,062	52.9	3,735	37.0	1,601	42.8
6,206	58.9	7,172	66.5	6,169	57.1	4,516	80.8	2,120	44.5	3,540	43.0	3,728	35.2	1,430	35.9
6,185	58.9	7,299	71.4	5,817	52.3	4,191	75.8	2,416	48.3	3,971	44.6	3,798	35.1	1,513	34.8
5,825	52.1	7,194	65.3	5,651	50.0	4,119	70.7	2,450	43.8	3,758	42.2	4,177	37.6	1,513	34.4
5,176	46.2	6,555	58.4	5,224	45.8	3,507	60.6	2,325	42.1	3,758	41.2	3,750	32.9	1,486	33.2
5,272	48.2	6,426	55.9	5,314	46.3	3,515	61.7	1,853	35.5	3,819	43.6	3,720	32.7	1,679	37.1
5,005	46.3	6,158	52.0	4,762	40.5	3,126	54.1	1,673	33.3	3,472	39.1	3,618	31.2	1,514	32.8
5,129	47.3	6,447	54.9	5,488	45.8	3,032	50.3	2,208	38.8	3,866	41.7	3,678	30.5	1,679	34.7
4,376	41.4	5,320	50.3	4,228	37.2	2,784	47.8	1,919	33.6	3,196	35.6	3,193	27.6	1,480	30.4
4,229	38.5	5,221	53.1	4,081	36.4	2,588	47.8	1,987	37.0	3,176	35.2	2,713	23.9	1,328	27.9
4,554	41.4	4,581	43.5	4,183	35.2	2,365	41.0	1,809	32.4	3,079	33.2	2,725	23.0	1,231	25.3
4,718	40.1	4,496	39.2	4,034	31.5	2,380	39.5	1,647	28.1	2,665	26.2	2,533	19.9	1,176	24.0
3,751	34.7	3,936	35.4	3,860	29.8	2,062	34.4	1,526	25.0	2,663	26.0	2,354	19.1	1,075	23.3
3,330	31.3	3,716	34.2	3,566	26.6	1,938	34.9	1,493	24.5	2,227	22.6	2,098	17.5	922	19.4
2,749	25.2	3,306	28.5	3,764	26.8	1,567	27.1	1,487	24.5	1,891	18.9	2,035	17.0	640	13.4

**Table 9.8**

**INFANT MORTALITY: TEN LEADING CAUSES, NUMBER AND RATE PER 1,000 LIVE BIRTHS AND PERCENT OF INFANT DEATHS, PHILIPPINES 1985 to 1989 and 1990**

Cause	5 - Year Average (1985-1989)			1990		
	Number	Rate	Percent of Infant Deaths to Total Deaths	Number	Rate	Percent of Infant Deaths to Total Deaths
1. Pneumonias	13,322	8.7	26.9	9,383	5.8	23.7
2. Respiratory conditions of fetus and newborn	6,655	4.3	13.4	5,985	3.7	15.1
3. Diarrhea	3,137	2.1	6.3	1,838	1.1	4.6
4. Congenital Anomalies	2,233	1.5	4.5	2,063	1.3	5.2
5. Avitaminoses and other nutritional deficiency	1,928	1.3	3.9	1,201	0.7	3.0
6. Measles	1,618	1.1	3.3	729	0.4	1.8
7. Birth injury and difficult labor	1,352	0.9	2.7	1,093	0.7	2.8
8. Acute bronchitis and bronchiolitis	752	0.5	1.5	414	0.3	1.0
9. Septicemia	1,146	0.7	2.3	1,532	0.9	3.9
10. Meningitis	622	0.4	1.2	517	0.3	1.3

Source: Health Intelligence Service, Department of Health.

**Table 9.9**

**MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES: PHILIPPINES (Rate per 100,000 population) 1985 to 1989 and 1990**

Cause	5-Year Average (1985-1989)		1990	
	Number	Rate	Number	Rate
1. Bronchitis	697,023	1,215.0	980,557	1,580.3
2. Diarrhea	619,588	1,080.0	943,580	1,520.7
3. Influenza	538,126	938.0	544,768	878.0
4. Pneumonias	202,539	353.0	235,947	380.3
5. Tuberculosis, all forms	172,732	301.1	152,688	246.1
6. Malaria	121,403	211.6	73,625	118.7
7. Accidents	115,615	201.5	133,737	215.5
8. Measles	68,705	119.8	42,938	69.2
9. Malignant neoplasms	28,233	49.2	33,702	54.3
10. Diseases of the heart	80,600	140.5	99,688	160.7

Source: Health Intelligence Service, Department of Health.

**Table 9.10**  
**EXPECTATION OF LIFE AT BIRTH IN THE PHILIPPINES**  
**1960 to 2030**

Year	Life expectancy at birth (in years)		
	Both Sexes	Male	Female
1960 a/	53.1	51.2	55.0
1970 b/	55.7	54.2	57.2
1975	58.4	56.9	59.9
1980 c/	61.6	59.8	63.4
1981	61.9	60.1	63.7
1982	62.2	60.4	64.0
1983	62.5	60.7	64.3
1984	62.8	61.0	64.6
1985	63.1	61.3	64.9
1986	63.4	61.6	65.2
1987	63.7	61.9	65.5
1988	64.0	62.2	65.8
1989	64.3	62.5	66.1
1990	64.6	62.8	66.4
1995	66.1	64.4	67.8
2000	67.6	66.0	69.2
2010	70.3	68.8	71.8
2020	72.4	71.2	73.6
2030	73.6	72.8	74.4

a Reproduced from the article: Philippine Population Growth and Health Development by Wilfredo L. Reyes published in the First Conference on Population, 1965, University of the Philippines Press, Quezon City, 1966, p.246.

b Starting 1970, the data were taken from the paper prepared by the National Statistics Office in collaboration with the Inter-Agency Committee on Population and Vital Statistics entitled Revised Population Projections for the Philippines and its Regions, 1980-2030, presented at the 6th National Population Welfare Congress, 17 November 1983, Philippine International Convention Center.

c The estimates starting 1980 made use of the Moderate Mortality Deline Assumption.

Source: National Statistics Office.

**Table 9.11**  
**NOTIFIABLE DISEASES AND DEATHS BY CAUSE, PHILIPPINES**  
**1982 to 1990**

Notifiable Diseases	1982		1983		1984		1985	
	Reported		Reported		Reported		Reported	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Cholera	472	163	988	43	982	43	10	1
Typhoid & Paratyphoid fever and other salmonella infections	5,420	697	13,148	522	13,148	522	15,706	1,071
Diarrheas	230,553	15,090	512,042	14,776	512,042	7,847	522,762	11,516
Tuberculosis	93,157	28,580	142,569	28,161	142,569	15,448	153,406	31,650
Leprosy	1,058	89	1,827	53	1,827	53	2,090	124
Diphtheria	1,812	491	2,995	260	2,995	260	1,669	316
Whooping Cough	14,241	72	19,869	281	19,869	281	19,628	45
Tetanus	2,673	941	3,092	1,044	3,092	1,044	3,474	1,033
Acute Poliomyelitis	355	94	740	81	740	81	557	61
Varicella	1,665	15	4,786	19	4,786	19	3,844	10
Measles	37,307	9,286	67,285	5,221	67,285	2,598	62,959	8,043
H-Fever	1,684	305	2,545	89	2,545	89	2,096	210
Infectious Hepatitis	9,183	653	15,080	658	15,080	658	16,022	607
Malaria	45,716	1,086	110,307	651	110,307	651	121,975	1,166
Syphilis	102	16	72	14	72	14	91	9
Gonococcal Infections	11,933	5	13,575	0	13,575	12	15,329	0
Schistosomiasis	3,319	452	6,411	108	6,411	108	9,764	416
Filariasis	74	5	431	30	431	30	259	2
Malignant Neoplasms	25,838	17,997	26,905	16,090	8,402	5,368	24,270	18,143
Bronchitis	300,286	2,052	552,959	3,618	552,958	3,618	586,427	2,078
Pneumonias	123,420	48,650	179,587	47,513	179,587	30,141	205,387	52,888
Influenza	232,768	1,215	416,634	8,935	416,634	8,935	447,550	1,400
Accidents	0	0	83,407	8,946	83,407	1,153	96,684	10,070
Diseases of the Heart	0	0	8,477	2,501	39,383	11,501	70,238	36,242

Source: Health Intelligence Service, Department of Health.

Table 9.11 (continued)

1986 Reported		1987 Reported		1988 Reported		1989 Reported		1990 Reported	
Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
0	0	0	0	0	0	0	0	0	0
13,764	1,024	15,290	1,121	15,830	1,356	17,794	1,233	15,720	1,045
538,849	9,815	591,858	9,468	624,355	9,155	741,733	6,893	927,860	6,396
153,129	30,604	163,740	28,697	183,113	27,020	206,508	26,300	149,938	23,909
1,815	81	1,766	63	1,661	86	4,228	95	2,827	65
1,630	261	1,443	245	1,202	186	1,297	117	921	115
16,139	28	8,856	26	7,814	14	9,466	12	4,135	9
3,381	1,034	2,910	1,026	3,199	1,069	3,102	1,040	2,286	989
375	45	327	43	344	40	335	32	98	23
3,121	4	6,336	15	6,767	12	16,931	23	33,177	20
59,375	6,249	81,896	12,431	70,801	7,775	68,496	6,734	42,938	3,499
1,623	191	1,696	243	2,821	300	2,240	199	4,836	363
14,523	728	16,084	817	16,125	825	14,761	850	14,709	936
124,153	1,156	121,097	1,226	114,679	1,176	125,114	989	73,625	913
69	8	62	9	99	9	99	9	151	3
11,731	0	11,361	0	8,342	0	8,635	0	6,374	0
11,074	281	13,892	288	12,273	301	25,699	273	14,781	272
300	1	354	0	290	0	188	1	286	1
26,985	18,395	27,195	20,367	28,940	21,184	33,777	21,933	33,702	21,979
602,851	1,812	642,777	1,814	759,511	1,438	893,550	1,105	980,557	1,008
190,208	50,621	183,143	52,700	201,902	47,444	232,056	46,268	235,947	41,181
397,715	1,221	495,161	1,151	576,404	791	773,802	770	544,768	605
105,886	10,348	114,445	11,630	110,805	11,456	150,257	11,753	133,737	12,002
78,516	39,163	79,214	38,840	76,221	40,566	98,813	44,856	99,688	46,332

**Table 9.12**  
**MODERATE ESTIMATES OF VITAL STATISTICS FOR THE PHILIPPINES**  
*(Series 2 – Moderate Fertility and Moderate Mortality Decline)*  
**1980 to 2030**

Year	Philippines	Metropolitan Manila Area	REGION			
			1	2	3	4
<b>Births</b>						
1980	1,626,910	172,310	111,979	76,902	149,546	203,274
1985	1,735,297	195,380	117,358	83,616	161,888	219,577
1990	1,797,497	199,207	120,589	88,020	169,250	229,699
1995	1,809,944	189,496	120,099	89,893	170,323	232,704
2000	1,780,722	177,860	116,008	89,002	166,610	229,872
2010	1,539,192	154,809	96,851	77,207	141,210	195,238
2020	1,651,545	162,579	101,250	82,022	148,378	212,517
2030	1,612,823	147,713	95,938	79,357	142,023	207,811
<b>Deaths</b>						
1980	455,204	33,136	35,152	23,497	34,401	46,510
1985	467,329	37,050	34,173	23,904	35,081	48,292
1990	481,359	40,253	33,555	24,647	36,025	50,386
1995	495,258	43,615	33,334	25,206	37,257	52,529
2000	509,249	47,932	33,257	25,680	38,645	54,792
2010	560,197	63,072	33,635	27,530	45,234	64,290
2020	673,715	88,365	38,436	30,122	59,896	85,664
2030	830,969	123,436	48,818	36,853	81,063	113,974
<b>Total Fertility Rate</b>						
1980	64,805.000	3,045.000	4,725.000	5,185.000	4,290.000	4,680.000
1985	59,032.331	2,803.333	4,298.333	4,722.500	3,913.333	4,240.833
1990	53,260.002	2,561.667	3,871.667	4,260.000	3,536.667	3,801.667
1995	47,487.500	2,320.000	3,445.000	3,797.500	3,160.000	3,362.500
2000	41,714.998	2,078.333	3,018.333	3,335.000	2,783.333	2,923.333
2010	30,170.000	1,595.000	2,165.000	2,410.000	2,030.000	2,045.000
2020	28,867.500	1,560.000	2,067.500	2,260.000	1,957.500	1,997.500
2030	27,565.000	1,525.000	1,970.000	2,110.000	1,885.000	1,950.000

Source: National Statistics Office.

Table 9.12 (continued)

REGION							
5	6	7	8	9	10	11	12
126,150	161,370	119,056	96,322	97,117	101,649	123,577	87,658
134,056	168,461	124,627	100,249	100,751	107,049	129,507	92,778
140,723	171,143	126,380	104,715	103,505	111,977	134,726	97,563
143,872	169,971	125,283	107,612	105,339	115,783	138,254	101,315
143,328	164,956	121,870	106,922	105,174	117,344	138,800	102,976
123,617	139,466	102,965	93,259	91,259	106,512	123,172	93,627
138,812	148,100	108,427	103,098	93,028	113,217	135,084	105,033
143,046	142,206	104,725	107,277	87,033	110,295	136,060	109,339
31,946	41,099	33,129	30,620	36,320	34,233	42,601	32,560
32,567	41,932	33,104	30,758	37,150	35,069	44,379	33,870
33,442	42,574	33,156	31,098	38,232	36,084	46,424	35,483
34,383	43,620	33,149	31,136	38,783	37,444	48,245	36,557
35,084	44,519	33,092	30,882	39,245	38,736	49,913	37,472
36,087	48,177	33,974	31,046	40,761	43,304	53,255	39,832
41,836	56,328	41,515	32,643	44,315	50,886	59,225	44,484
51,423	66,717	51,843	34,995	48,427	58,285	65,657	49,478
5,785.000	5,270.000	4,525.000	5,600.000	5,610.000	5,350.000	5,350.000	5,390.000
5,251.667	4,773.333	4,128.333	5,129.000	5,103.333	4,880.833	4,880.833	4,906.667
4,718.333	4,276.667	3,731.667	4,658.333	4,596.667	4,411.667	4,411.667	4,423.333
4,185.000	3,780.000	3,335.000	4,187.500	4,090.000	3,942.500	3,942.500	3,940.000
3,651.667	3,283.333	2,938.333	3,716.667	3,583.333	3,473.333	3,473.333	3,456.667
2,585.000	2,290.000	2,145.000	2,775.000	2,570.000	2,535.000	2,535.000	2,490.000
2,550.000	2,192.500	2,095.000	2,732.500	2,345.000	2,352.500	2,352.500	2,405.000
2,515.000	2,095.000	2,045.000	2,690.000	2,120.000	2,170.000	2,170.000	2,320.000

*Table 9.12 (continued)*  
**MODERATE ESTIMATES OF VITAL STATISTICS FOR THE PHILIPPINES**  
*(Series 2 - Moderate Fertility and Moderate Mortality Decline)*  
**1980 to 2030**

Year	Philippines	Metropolitan Manila Area	REGION			
			1	2	3	4
<b>Net Reproduction Rate</b>						
1980	1.98831	1.35916	2.03541	2.10570	1.89417	2.04848
1985	1.84141	1.26395	1.68291	1.95495	1.75496	1.88448
1990	1.68831	1.16659	1.72424	1.79700	1.61056	1.71468
1995	1.52619	1.06455	1.55568	1.63226	1.45451	1.53439
2000	1.35853	0.96086	1.38183	1.46017	1.29478	1.34949
2010	1.00023	0.74723	1.01297	1.08751	0.95626	0.95823
2020	0.97853	0.73655	0.97629	1.05141	0.92436	0.94092
2030	0.94849	0.72244	0.93033	0.98854	0.89008	0.92086
<b>Crude Birth Rate</b>						
1980	34	29	32	35	31	33
1985	32	28	30	33	30	31
1990	30	25	28	31	28	29
1995	27	21	26	29	25	26
2000	24	18	23	26	23	23
2010	18	14	17	19	17	17
2020	17	13	17	18	16	16
2030	15	11	15	16	14	14
<b>Crude Death Rate</b>						
1980	9	6	10	11	7	8
1985	8	5	9	10	6	7
1990	7	5	8	9	6	6
1995	7	5	7	8	6	6
2000	6	5	7	7	5	5
2010	6	6	6	7	5	5
2020	6	7	6	7	6	6
2030	8	9	7	7	8	8

Table 9.12 (continued)

REGION							
5	6	7	8	9	10	11	12
2.45779	2.26959	1.97138	2.27560	2.05830	2.07322	2.07088	2.06870
2.27015	2.08142	1.82821	2.12427	1.91684	1.93178	1.92598	1.93553
2.07467	1.88795	1.67938	1.96566	1.76664	1.78264	1.77311	1.79403
1.86776	1.69006	1.52012	1.80021	1.61048	1.62427	1.61072	1.64707
1.65387	1.48660	1.35631	1.62734	1.44484	1.45855	1.44069	1.49109
1.19733	1.05715	1.00906	1.24931	1.07466	1.10056	1.07331	1.14094
1.19801	1.02561	0.98924	1.26135	1.01321	1.05063	1.06907	1.15017
1.18604	0.98889	0.96561	1.26520	0.94428	0.99554	1.06210	1.15598
36	36	31	34	38	37	37	38
34	33	30	33	35	34	34	36
32	30	28	31	33	31	31	34
30	28	25	30	30	29	29	31
27	25	23	27	28	26	26	29
20	18	17	21	21	20	20	22
20	18	17	21	19	19	19	21
19	16	15	19	16	16	17	20
9	9	9	11	14	12	13	14
8	8	8	10	13	11	12	13
8	8	7	9	12	10	11	12
7	7	7	9	11	9	10	11
7	7	6	8	10	9	9	10
6	6	6	7	9	8	9	9
6	7	6	7	9	8	8	9
7	7	7	6	9	9	8	9

**Table 9.13**  
**DAILY PER CAPITA AVAILABLE FOOD SUPPLY, PHILIPPINES**  
*(Grams per day)*  
**1955 to 1990**

Year	All types	Cereals & cereal products	Roots and tubers	Sugar and syrup	Pulses and nuts	Vegetables
1955	804.4	320.8	119.2	35.2	15.5	87.5
1960	813.5	312.0	116.9	29.8	38.0	78.4
1965	1,001.1	364.6	117.8	50.6	34.5	75.3
1970	1,001.7	376.2	81.2	45.2	15.9	79.2
1971	965.7	391.9	58.2	49.3	14.8	78.1
1972	950.2	363.2	65.9	51.4	13.8	76.8
1973	851.4	248.8	73.2	28.7	3.8	81.7
1974	892.8	259.8	84.1	31.7	4.1	85.2
1975	944.2	313.6	82.4	32.6	4.9	85.2
1976	973.5	310.3	78.9	32.2	4.8	87.9
1977	1,012.8	304.9	90.6	32.4	5.1	93.9
1978	1,057.4	303.3	98.1	29.6	4.9	102.4
1979	1,077.5	319.9	99.0	32.1	5.4	107.7
1980	1,126.2	339.9	91.5	29.6	5.4	115.1
1981	1,113.1	340.0	93.7	23.8	4.9	116.2
1982	1,165.6	348.7	81.2	27.6	4.9	115.1
1983	1,137.9	319.2	60.5	27.1	4.1	100.3
1984	1,183.9	336.7	64.3	30.9	3.9	95.9
1985	1,025.1	329.0	63.6	25.2	4.9	95.0
1986	1,032.6	335.9	62.1	26.1	9.5	100.5
1987	1,052.8	338.7	70.9	48.0	26.3	91.5
1988	1,061.0	353.2	73.6	45.8	24.5	89.2
1989	1,077.7	370.4	70.2	35.3	24.2	91.7
1990	1,099.0	387.0	65.3	61.7	29.2	84.4

Source: Economic and Social Statistics Office, National Statistical Coordination Board.

Table 9.13 (continued)

Fruits	Meat products	Milk and milk products	Eggs	Fish & other marine products	Fats and oils	Miscellaneous
88.4	43.2	26.6	8.7	51.8	5.8	1.7
85.0	43.2	33.6	9.3	56.8	6.8	3.7
125.8	35.9	39.8	6.5	85.7	7.1	57.5
133.8	42.6	43.2	8.2	103.3	8.2	64.7
99.6	41.9	43.0	8.7	103.3	8.4	68.5
99.2	43.2	47.1	8.7	107.3	10.0	63.6
97.6	59.5	74.9	13.4	77.2	17.2	75.4
106.1	57.5	75.1	13.1	79.8	15.5	80.8
118.3	57.8	74.0	13.2	82.8	15.6	63.8
120.1	51.8	74.8	12.4	82.2	18.9	99.2
120.8	49.2	76.5	12.1	84.6	22.7	120.0
150.2	52.1	75.4	15.1	85.5	20.8	120.0
172.3	43.4	74.8	12.9	81.9	17.0	111.1
180.5	53.4	75.9	12.6	84.6	19.2	118.6
144.4	57.2	74.8	13.5	87.4	17.2	140.0
173.9	56.8	75.6	13.5	94.3	15.5	158.5
186.5	57.8	75.1	13.9	99.8	13.6	180.0
169.7	57.5	74.8	13.1	94.4	12.0	230.7
149.5	51.2	75.1	11.3	89.3	12.7	118.1
171.6	48.0	63.2	10.4	96.2	11.7	97.4
190.0	59.5	7.2	7.9	101.0	14.4	97.4
186.2	64.1	6.7	7.7	101.1	15.1	93.8
188.3	69.1	12.3	8.0	101.0	14.8	92.4
171.8	72.6	7.3	8.1	105.2	14.8	91.5

**Table 9.14**  
**CALORIE AND NUTRIENT VALUES OF DAILY PER CAPITA AVAILABLE FOOD SUPPLY**  
**PHILIPPINES**  
**1955 to 1991**

Year	Grams per day		Calories per day		Protein (Grams per day)		Fats (Grams per day)
	Value	Percent of sufficiency	Value	Percent of sufficiency	Value	Percent of sufficiency	Value
1955	804	80.0	1,766	88.3	44	90.2	2
1960	814	80.9	1,782	89.1	43	88.7	10
1965	1,001	99.5	2,103	105.1	51	103.7	10
1970	1,002	99.6	2,097	104.8	54	110.8	26
1971	966	96.0	2,123	106.2	55	112.3	26
1972	950	94.5	2,047	102.4	53	108.0	28
1973	851	82.6	1,839	90.5	55	107.5	42
1974	893	86.6	1,924	94.7	56	110.4	41
1975	944	91.6	2,077	102.2	59	116.9	41
1976	674	65.3	2,112	103.9	59	116.5	43
1977	1,013	98.2	2,187	107.6	60	118.7	47
1978	1,057	102.6	2,208	108.7	61	120.7	47
1979	1,078	104.5	2,256	111.0	62	121.5	43
1980	1,126	109.2	2,373	116.8	66	128.9	46
1981	1,113	108.0	2,374	116.8	67	131.1	46
1982	1,166	113.1	2,443	120.2	69	135.6	45
1983	1,140	110.6	2,321	114.2	67	132.7	44
1984	1,184	114.8	2,374	116.8	66	130.5	42
1985	1,025	99.4	2,248	110.6	64	126.8	40
1986 r	1,033	96.5	2,232	105.1	58	113.6	37
1987 r	1,048	101.6	2,284	113.5	61	120.5	41
1988 r	1,074	104.2	2,415	120.0	65	128.5	44
1989	1,104	107.1	2,500	124.2	69	136.4	45
1990	1,099	106.6	2,615	129.9	72	142.3	48
1991	1,056	102.4	2,367	117.6	63	124.5	40

Source: Food Balance Sheets of the Philippines, Economic and Social Statistics Office, National Statistical Coordination Board.

**Table 9.15**  
**GOVERNMENT AND PRIVATE HOSPITALS, NUMBER AND BED CAPACITY, PHILIPPINES**  
**FY 1963-64 TO CY 1992**

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	1,766	579	1,187	85,943	46,236	39,707	16.8
1989	1,696	564	1,132	84,985	46,639	38,346	14.1
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	12.9
1992	1,696	583	1,113	83,330	46,051	37,279	12.8

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.

Note: 1992 data are as of August 1993.

Source: Bureau of Medical Services, Department of Health.

**Table 9.16**  
**COMPARISON OF MEAN ONE-DAY PER CAPITA FOOD CONSUMPTION, PHILIPPINES**  
**1982 and 1987**

Food Group	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Cereals and cereal products	356.0	345.0	(3.1)
Starchy roots and tubers	42.0	22.0	(47.6)
Sugars and syrups	22.0	24.0	9.1
Fats and oils	14.0	14.0	-
Fish, meat and poultry	154.0	157.0	1.9
Eggs	9.0	10.0	11.1
Milk and milk products	44.0	43.0	(2.3)
Dried beans, nuts and seeds	10.0	10.0	-
Vegetables	130.0	111.0	(14.6)
Fruits	102.0	107.0	4.9
Miscellaneous	32.0	26.0	(18.7)

Source: National Nutrition Surveys, Philippines, 1982 and 1987. Food and Nutrition Research Institute,  
 Department of Science and Technology.

**Table 9.17**  
**COMPARISON OF MEAN ONE-DAY PER CAPITA NUTRIENT INTAKE, PHILIPPINES**  
**1982 to 1987**

Nutrient	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Energy (kcal)	1,808	1,753	(3.0)
Protein (g)	50.6	49.7	(1.8)
Iron (mg)	10.8	10.7	(0.9)
Calcium (g)	0.45	0.4	(6.7)
Thiamine (mg)	0.74	0.7	(8.1)
Riboflavin (mg)	0.58	0.6	(3.4)
Niacin (mg)	16.4	16.3	(0.6)
Ascorbic Acid (mg)	61.6	53.6	(13.0)
Fat (g)	30	30.0	-
Carbohydrates (g)	327	313.0	(4.3)

Source: National Nutrition Surveys, Philippines, 1982 and 1987. Food and Nutrition Research Institute,  
 Department of Science and Technology.

**Table 9.18**  
**SERVICE DELIVERY PERFORMANCE OF DEPARTMENT OF HEALTH,**  
**NON-GOVERNMENT ORGANIZATIONS AND OTHER GOVERNMENT ORGANIZATIONS**  
**1991 to 1992**

Agency	1991			1992		
	New Acceptors	Continuous Users	Number of Outlets	New Acceptors	Continuous Users	Number of Outlets
<b>Total</b>	<b>960,330</b>	<b>2,545,953</b>	<b>3,079</b>	<b>993,912</b>	<b>2,373,892</b>	<b>3,034</b>
Family Planning Organization of the Philippines	55,279	96,122	26	90,643	126,069	55
Integrated Maternal & Child Care Services & Development, Inc.	19,403	42,363	71	7,721	35,989	64
Christian, Medical, Dental and Paramedical Association	9,077	21,308	4	6,625	7,310	4
Institute of Maternal and Child Health	42,093	336,815	167	29,673	56,215	174
TULUNGAN - Malacañang Clinic	7,745	411,119	7	3,976	41,842	4
Reproductive Health Care Center, UP-PGH	1,067	13,692	1	1,958	14,464	1
Philippine Center for Population and Development	285	1,544	29	2,118	3,818	59
Philippine Federation for Natural Family Planning	1,834	3,462	17	7,185	11,238	-
Philippine Non-Government Organization Council	-	-	-	-	9,433	9
Province of Laguna	-	-	-	6,198	65,434	18
Family Planning, AFP, DND	2,841	18,176	25	2,119	5,898	23
Labor Population Program Office, DOLE	10,039	51,810	510	-	-	-
Comprehensive Family Planning Center, Jose Fabella Memorial Hospital	5,369	10,796	1	4,850	13,630	1
Fertility Care Center, Mary Johnston Hospital	996	1,339	1	78	110	1
Family Planning Service, DOH	804,302	1,537,407	2,220	830,768	1,982,442	2,621

Note: 1. DOH data are as of August 1993.

2. PCPD report does not reflect the method mix.

3. Some agencies did not report its present clinic manpower complement.

Source: Technical Secretariat, Department of Health.

**Table 9.19**  
**NUMBER OF HOSPITALS BY TYPE, BY REGION:**  
**1970 to 1992**

Year	Philippines	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1970	676	...	...	47	37	82	213	47	52	47	34	29	39	32	17
1971	640	...	...	52	37	69	208	43	47	43	32	24	38	30	17
1972	693	...	...	64	42	77	215	47	51	47	34	27	39	31	19
1973	768	65	...	52	46	111	162	61	54	18	32	16	18	29	104
1974	846	...	...	72	49	109	251	57	60	49	43	30	56	42	28
1975	969	56	...	85	53	127	232	64	65	52	47	39	67	48	34
1976	1,036	57	...	94	57	141	249	74	67	53	52	41	69	48	34
1977	1,150	56	...	98	67	160	280	78	64	60	55	42	90	53	47
1978	1,213	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1979	1,483	149	...	120	96	169	210	140	74	73	64	68	107	131	82
1980	1,607	176	...	133	109	175	197	141	75	90	64	68	124	167	88
1981	1,599	121	...	133	116	179	226	151	73	94	66	70	136	161	73
1982	1,713	174	...	139	126	186	222	152	79	93	71	72	132	178	89
1983	1,704	168	...	145	119	185	230	150	80	87	67	75	135	179	84
1984	1,839	188	...	150	121	186	250	152	90	93	74	84	156	199	96
1985	1,815	184	...	145	121	187	236	155	84	97	73	86	157	194	96
1986	1,754	176	...	145	109	176	223	151	79	98	79	85	151	196	86
1987															
Total	1,799	178	...	145	109	176	224	152	79	98	79	85	151	194	129
Public	590	41	...	46	49	51	77	44	49	42	49	39	48	31	24
Private	1,209	137	...	99	60	125	147	108	30	56	30	46	103	163	105
1988															
Total	1,766	175	...	143	107	178	220	146	81	96	72	84	145	195	124
Public	579	40	...	48	49	50	69	43	50	42	48	38	44	32	26
Private	1,187	135	...	95	58	128	151	103	31	54	24	46	101	163	98
1989															
Total	1,696	170	68	98	80	176	165	146	81	96	71	85	149	186	125
Public	564	41	31	32	35	51	49	44	49	42	48	38	46	32	26
Private	1,132	129	37	66	45	125	116	102	32	54	23	47	103	154	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	1,696	163	61	97	80	161	211	139	82	90	75	90	137	193	117
Public	583	40	31	31	36	51	72	44	51	42	49	39	43	30	24
Private	1,113	123	30	66	44	110	139	95	31	48	26	51	94	163	93

Notes: 1. For 1970 - 1972, and 1974, Region IV data include NCR.  
2. No regional data for 1978.  
3. 1992 data are as of August 1993.

Source: Department of Health, Bureau of Medical Services.

**Table 9.20**  
**NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS**  
**AND OTHER MEDICAL PRACTITIONERS BY REGION**  
**1981 to 1992**

	Philippines	CAR	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1981															
Doctors	7,378	- 1,144	740	457	718	1,087	494	538	497	332	281	437	354	299	
Dentists	1,090	- 70	90	79	99	141	81	81	74	89	51	85	102	48	
Nurses	9,644	- 1,444	981	642	842	1,390	666	798	668	671	418	562	237	325	
Midwives	9,470	- 92	913	640	971	1,125	743	859	877	737	589	684	652	588	
1982															
Doctors	7,605	- 1,180	741	454	714	1,078	496	540	506	507	286	440	357	306	
Dentists	1,135	- 70	104	79	101	171	81	81	73	89	52	84	104	46	
Nurses	10,230	- 1,487	1,028	670	855	1,398	678	815	771	686	445	577	440	380	
Midwives	9,719	- 92	1,012	640	992	1,124	743	860	929	737	589	684	673	644	
1983															
Doctors	8,282	- 1,267	940	519	785	1,036	483	663	517	514	363	455	407	333	
Dentists	1,172	- 74	106	86	109	174	83	86	73	90	54	84	106	47	
Nurses	11,455	- 1,748	1,310	764	1,028	1,457	705	901	794	714	504	600	519	411	
Midwives	9,723	- 108	1,014	642	991	1,111	743	864	929	738	588	692	659	644	
1984															
Doctors	8,315	- 1,408	811	516	784	1,025	481	661	510	515	387	474	411	332	
Dentists	1,117	- 74	108	84	48	176	85	87	74	91	52	85	106	47	
Nurses	11,165	- 1,759	999	768	1,031	1,468	706	1,008	800	698	486	512	525	405	
Midwives	9,130	- 111	1,014	642	990	1,113	143	864	928	738	589	692	662	644	
1985															
Doctors	8,524	- 1,555	850	500	774	1,016	531	582	563	538	346	486	440	343	
Dentists	1,146	- 74	107	80	98	168	81	83	74	91	52	86	107	45	
Nurses	10,424	- 1,617	1,051	686	868	1,302	686	834	780	693	476	594	451	386	
Midwives	9,792	- 106	1,014	641	996	1,112	743	926	929	738	589	692	662	644	
1986															
Doctors	8,817	- 1,734	856	503	777	1,040	544	601	570	549	362	479	449	353	
Dentists	1,120	- 74	106	79	93	154	81	82	70	91	52	85	106	47	
Nurses	10,612	- 1,597	1,035	692	883	1,315	710	866	796	718	517	606	471	406	
Midwives	9,789	- 107	1,014	641	992	1,112	743	926	929	738	589	692	662	644	

Source: Department of Health, Personnel Division.

**Table 9.20 (continued)**  
**NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS**  
**AND OTHER MEDICAL PRACTITIONERS BY REGION**  
**1981 to 1992**

	Philippines	CAR	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	RM
1987																
Doctors	8,817	-	1,734	856	503	777	1,040	544	601	570	549	362	479	449	353	-
Dentists	1,120	-	74	106	79	93	154	81	82	70	91	52	85	106	47	-
Nurses	10,612	-	1,597	1,035	692	883	1,315	710	866	796	718	517	606	471	406	-
Midwives	9,789	-	107	1,014	641	992	1,112	743	926	929	738	589	692	662	644	-
1988																
Doctors	9,137	-	1,920	871	523	798	987	561	645	596	558	401	505	403	369	-
Dentists	1,165	-	105	108	81	110	156	82	90	85	92	57	43	106	50	-
Nurses	12,166	-	2,095	1,138	777	1,041	1,310	737	962	922	857	582	678	603	464	-
Midwives	10,307	-	331	1,084	654	1,007	1,128	778	985	872	746	618	776	678	650	-
1989																
Doctors	9,546	-	2,109	892	539	810	1,037	578	659	604	582	413	523	423	377	-
Dentists	1,163	-	109	108	81	110	156	82	91	78	92	57	43	106	50	-
Nurses	12,170	-	2,122	1,138	777	1,041	1,310	737	962	899	857	582	678	603	464	-
Midwives	10,367	-	330	1,084	654	1,007	1,128	778	985	933	746	618	776	678	650	-
1990																
Doctors	7,431	337	736	575	362	810	1,003	567	640	340	467	333	491	451	319	-
Dentists	1,550	44	463	81	62	107	157	86	84	69	93	57	94	102	51	-
Nurses	10,270	576	618	738	588	1,006	1,263	753	956	633	839	567	709	539	485	-
Midwives	11,604	492	993	816	587	1,137	1,155	778	994	946	808	612	949	682	655	-
1991																
Doctors	7,328	331	668	562	388	810	1,002	572	640	342	470	337	480	444	282	-
Dentists	1,523	42	430	74	65	107	158	87	84	69	94	58	92	108	55	-
Nurses	10,117	558	632	665	576	1,007	1,260	756	956	633	814	585	717	523	435	-
Midwives	12,408	550	1,051	824	556	1,176	1,455	790	994	946	813	716	1,005	677	855	-
1992																
Doctors	7,107	353	598	479	293	810	1,063	594	475	342	455	306	480	465	293	101
Dentists	1,614	47	395	109	59	107	160	97	103	69	84	94	75	109	45	61
Nurses	14,853	573	5,417	683	425	1,016	1,360	786	786	633	769	480	717	582	409	217
Midwives	12,339	579	775	993	559	1,187	1,157	790	1,275	946	763	498	1,005	682	702	428

**Table 9.21**  
**NUMBER OF BARANGAY HEALTH STATIONS**  
**1981 to 1992**

Year	Philippines	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	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

Source : Department of Health, Internal Planning Service.

**Table 9.22**  
**NUMBER OF RURAL HEALTH UNITS**  
**1981 to 1992**

Year	Philippines	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	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	1,991	324		205	116	179	254	115	127	138	150	87	124	82	90	-
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

Source : Department of Health, Internal Planning Service.

**Table 9.23**  
**NUMBER OF ESTABLISHMENTS INVOLVED IN FOOD AND DRUG PRODUCTION**  
**BY REGION**  
**1990 to 1992**

	Total	NCR	CAR	I	II	III
<b>1990</b>	<b>12,987</b>	<b>4,589</b>	<b>4</b>	<b>557</b>	<b>478</b>	<b>1,032</b>
1. Drug Manufacturer	280	179	0	2	2	23
2. Cosmetic Laboratory	200	161	0	1	0	14
3. Drug Trader	374	368	0	0	0	0
4. Cosmetic Trader	22	22	0	0	0	0
5. Food Establishment	11,635	3,546	4	544	468	983
6. Household/Hazardous	249	205	0	1	2	1
7. Drug Distributor/Importer/ Exporter/Wholesaler	191	86	0	9	6	11
8. Medical Device Distributor Import/Exporter/Wholesaler	13	4	0	0	0	0
9. Cosmetic Distributor/Importer Exporter/Wholesaler	18	15	0	0	0	0
10. Medical Device Manufacturer	3	1	0	0	0	0
11. Medical Device Trader	2	2	0	0	0	0
<b>1991</b>	<b>13,613</b>	<b>4,647</b>	<b>7</b>	<b>579</b>	<b>482</b>	<b>1,066</b>
1. Drug Manufacturer	274	172	0	2	2	24
2. Cosmetic Laboratory	213	173	0	1	0	14
3. Drug Trader	407	383	0	1	0	5
4. Cosmetic Trade:	46	46	0	0	0	0
5. Food Establishment	12,153	3,536	7	565	472	1,008
6. Household/Hazardous	283	222	0	1	2	4
7. Drug Distributor/Importer/ Exporter/Wholesaler	193	86	0	9	6	11
8. Medical Device Distributor Import/Exporter/Wholesaler	15	6	0	0	0	0
9. Cosmetic Distributor/Importer Exporter/Wholesaler	20	17	0	0	0	0
10. Medical Device Manufacturer	4	1	0	0	0	0
11. Medical Device Trader	5	5	0	0	0	0
<b>1992</b>	<b>11,459</b>	<b>4,759</b>	<b>118</b>	<b>416</b>	<b>408</b>	<b>584</b>
1. Drug Manufacturer	233	167	0	3	2	11
2. Cosmetic Laboratory	196	169	0	1	0	1
3. Drug Trader	323	293	0	1	0	6
4. Cosmetic Trader	79	79	118	0	0	0
5. Food Establishment	10,353	3,845	0	409	403	562
6. Household/Hazardous	243	186	0	2	3	4
7. Drug Distributor/Importer/ Exporter/Wholesaler	0	0	0	0	0	0
8. Medical Device Distributor Import/Exporter/Wholesaler	0	0	0	0	0	0
9. Cosmetic Distributor/Importer Exporter/Wholesaler	0	0	0	0	0	0
10. Medical Device Manufacturer	27	15	0	0	0	0
11. Medical Device Trader	5	5	0	0	0	0

Source: Bureau of Food and Drug Administration.

Table 9.23 (continued)

IV	V	VI	VII	VIII	IX	X	XI	XII
1,670	303	502	1,107	395	599	564	707	480
15	4	6	31	3	2	2	8	3
8	2	1	13	0	0	0	0	0
0	1	0	1	0	1	0	3	0
0	0	0	0	0	0	0	0	0
1,628	287	485	1,037	383	589	544	681	456
11	0	1	7	0	2	1	1	17
8	7	9	14	4	3	17	13	4
0	1	0	3	4	1	0	0	0
0	1	0	0	1	1	0	0	0
0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0
1,678	608	524	1,143	406	654	576	732	511
14	4	6	31	3	2	2	9	3
8	2	2	12	0	0	0	1	0
6	1	2	2	0	4	0	3	0
0	0	0	0	0	0	0	0	0
1,628	593	502	1,071	393	641	556	702	479
12	0	3	7	1	2	1	3	25
9	7	9	15	4	3	17	13	4
1	0	0	3	4	1	0	0	0
0	1	0	0	1	1	0	0	0
0	0	0	2	0	0	0	1	0
0	0	0	0	0	0	0	0	0
1,337	453	383	583	407	659	412	94	844
18	1	5	16	1	1	3	4	1
15	2	1	5	0	0	0	2	0
8	1	5	3	0	4	0	2	0
0	0	0	0	0	0	0	0	0
1,271	449	372	543	403	653	406	78	841
23	0	0	10	1	1	3	8	2
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	0	0	6	2	0	0	0	0
0	0	0	0	0	0	0	0	0

**Table 9.24**  
**NUMBER OF ESTABLISHMENTS INVOLVED IN THE DISTRIBUTION OF FOOD AND DRUGS**  
**BY REGION**  
**1989 to 1992**

Classification	Total	NCR	CAR	I	II	III	IV
<b>1989</b>	<b>12,400</b>	<b>3,403</b>	<b>0</b>	<b>621</b>	<b>541</b>	<b>918</b>	<b>1,831</b>
Retail Drugstores	7,868	1,708	-	467	322	710	1,173
Drug Distributors Cosmetics and Medical Device	826	464	-	19	16	51	50
Hospital Pharmacies	979	115	-	68	58	104	145
Chinese Drugstores	36	26	-	0	0	0	0
Exporters	130	109	-	2	0	0	4
Food Importers	244	239	-	0	0	0	0
Household Hazardous	2,189	738	-	52	143	53	457
Temporary Permit Drugstores	128	4	-	13	2	0	2
<b>1990</b>	<b>9,091</b>	<b>2,646</b>	<b>0</b>	<b>577</b>	<b>330</b>	<b>865</b>	<b>392</b>
Retail Drugstores	6,872	1,652	-	494	247	731	197
Drug Distributors Cosmetics and Medical Device	705	405	-	12	28	29	42
Hospital Pharmacies	998	109	-	69	55	105	149
Chinese Drugstores	36	26	-	0	0	0	0
Exporters	128	107	-	2	0	0	4
Food Importers	313	308	-	0	0	0	0
Household Hazardous	39	39	-	0	0	0	0
Temporary Permit Drugstores	0	-	-	-	-	-	-
<b>1991</b>	<b>10,494</b>	<b>2,718</b>	<b>99</b>	<b>465</b>	<b>321</b>	<b>863</b>	<b>1,419</b>
Retail Drugstores	8,181	1,673	68	413	254	713	1,215
Drug Distributors Cosmetics and Medical Device	795	442	3	14	31	42	49
Hospital Pharmacies	993	114	28	36	36	108	151
Chinese Drugstores	42	32	0	0	0	0	0
Exporters	129	108	0	2	0	0	4
Food Importers	315	310	0	0	0	0	0
Household Hazardous	39	39	0	0	0	0	0
Temporary Permit Drugstores	0	-	-	-	-	-	-
<b>1992</b>	<b>11,041</b>	<b>2,768</b>	<b>115</b>	<b>514</b>	<b>348</b>	<b>939</b>	<b>1,480</b>
Retail Drugstores	8,584	1,655	78	451	269	781	1,280
Drug Distributors Cosmetics and Medical Device	929	506	6	21	41	39	47
Hospital Pharmacies	1,002	117	31	39	36	118	150
Chinese Drugstores	42	32	0	0	0	0	0
Exporters	72	59	0	2	0	0	1
Food Importers	363	354	0	0	0	0	2
Household Hazardous	49	45	0	10	2	1	0
Temporary Permit Drugstores	0	-	-	-	-	-	-

Source: Bureau of Food and Drug Administration.

Table 9.24 (continued)

V	VI	VII	VIII	IX	X	XI	XII
436	979	742	398	601	603	728	599
302	837	549	276	257	428	460	379
22	24	53	21	16	37	30	23
49	83	90	53	33	66	72	43
1	3	2	0	0	0	1	3
3	1	4	0	6	0	0	1
0	0	5	0	0	0	0	0
54	31	27	35	259	46	165	129
5	0	12	13	30	26	0	21
394	999	685	355	321	537	532	458
323	869	508	290	269	453	436	403
14	38	75	12	10	15	17	8
53	88	91	53	36	69	78	43
1	3	2	0	0	0	1	3
3	1	4	0	6	0	0	1
0	0	5	0	0	0	0	0
0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-
416	1,025	752	360	356	557	659	484
338	880	594	291	299	467	562	414
15	50	62	14	11	18	25	19
59	91	85	55	40	72	71	47
1	3	2	0	0	0	1	3
3	1	4	0	6	0	0	1
0	0	5	0	0	0	0	0
0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-
438	1,072	837	375	361	598	701	495
356	922	656	306	320	500	587	423
19	56	86	23	7	27	34	17
59	89	83	45	34	71	79	51
1	3	2	0	0	0	1	3
3	2	4	0	0	0	0	1
0	0	6	1	0	0	0	0
0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-

Figure 9.3 Number of Hospitals by Type, by Region: 1992

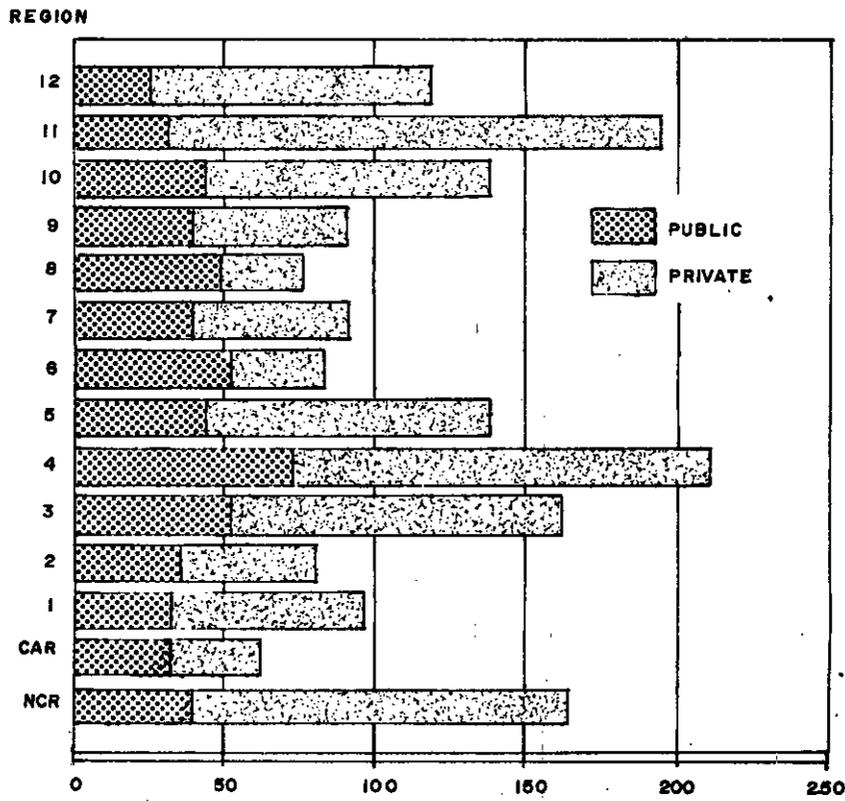
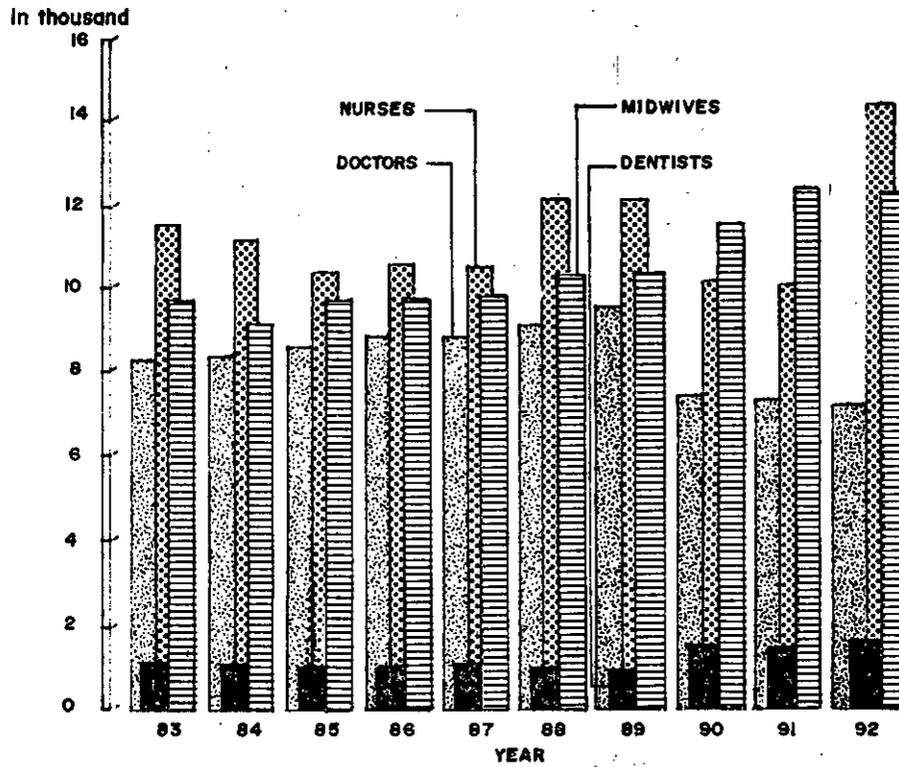


Figure 9.4 Number of Government Medical Practitioners: 1983 to 1992



# 10 EDUCATION

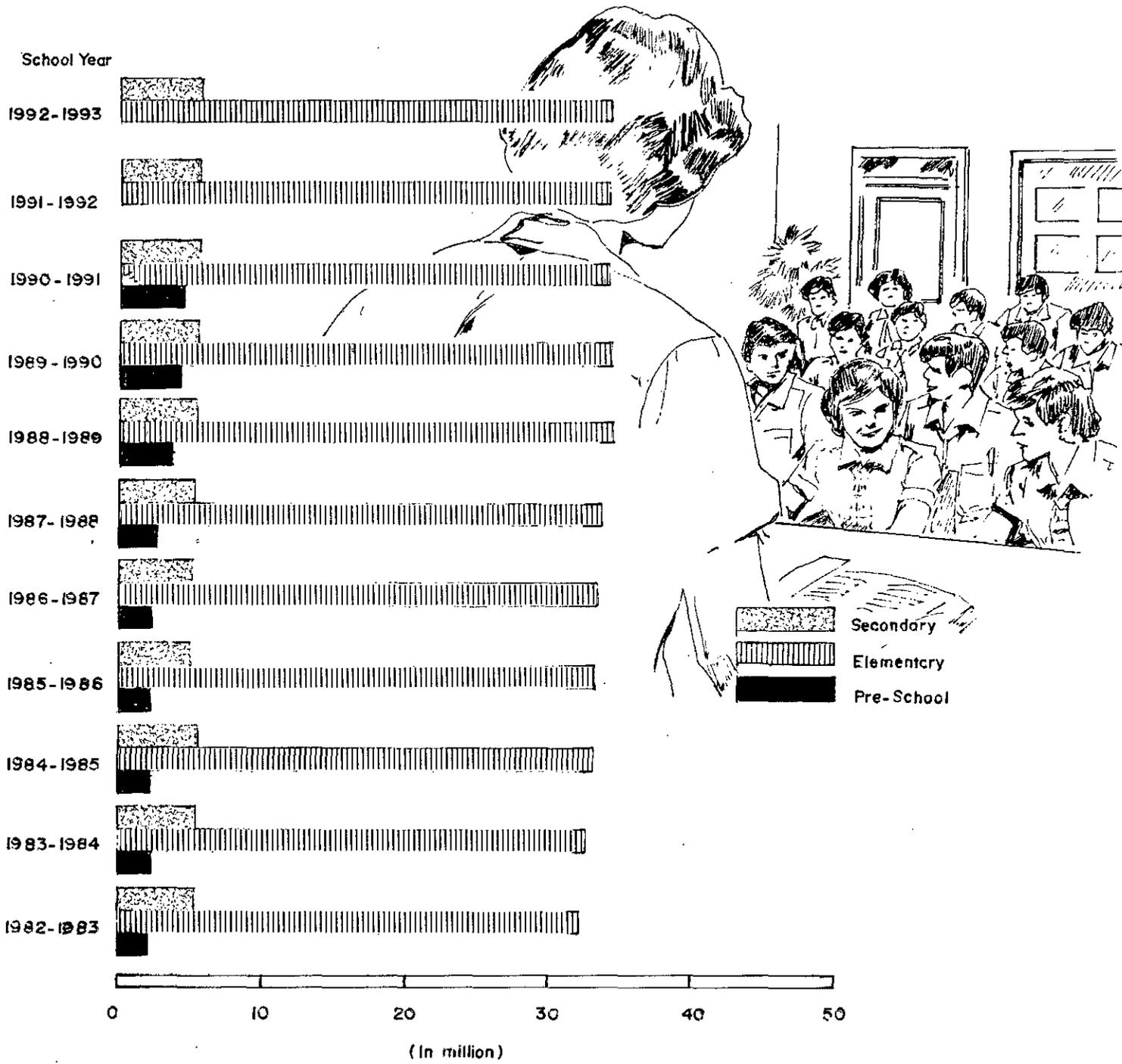
The importance of education to any country cannot be overemphasized. An educated citizenry is indispensable in any society so that the people could participate intelligently in the discussion of vital issues and in the molding of public opinion so necessary to the very existence of any society. An educated citizenry 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 an end because the acquisition of knowledge enhances a person's skills, thus equipping him as a more efficient agent of production in the economy and enabling him to contribute more 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 more 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: number of textbooks distributed to region, enrolment in government and private schools by level of education, number of graduates in the tertiary level by major field of study, budget on education as a percentage of the national government budget, graduates of nonformal education, and the number of examinees who passed the board and bar examinations.

The Department of Education, Culture and Sports (DECS) is lodged with the primary responsibility of compiling, tabulating and releasing statistical data on education. Annually, the DECS publishes comprehensive statistics on education through its *Statistical Bulletin*. Data on those who passed the board and bar examinations were taken from the Professional Regulation Commission and the Supreme Court of the Philippines, respectively.

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Figure 10.1 Total Number of Pre-School, Elementary and Secondary Enrolment in Government and Private Schools, SY 1983-84 to 1992-93



**Table 10.1**  
**NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS BY LEVEL OF EDUCATION**  
**SY 1965-66 to 1992-93**

School year	Pre-School			Elementary		
	Total	Government	Private	Total	Government	Private
1965-66	315	10	305	14,086	12,603	1,483
1966-67	-	-	-	36,679	36,070	609
1967-68	374	21	353	14,395	13,823	572
1968-69	624	8	616	38,776	37,020	1,756
1969-70	-	-	-	39,174	37,421	1,753
1970-71	447	13	434	40,823	40,039	784
1971-72	572	136	436	43,667	41,885	1,782
1972-73	-	-	-	27,612	26,635	977
1973-74	-	-	-	29,192	28,196	996
1974-75	-	-	-	30,761	29,745	1,016
1975-76	-	-	-	30,962	29,854	1,108
1976-77	-	-	-	31,372	30,306	1,066
1977-78	-	-	-	31,257	30,099	1,158
1978-79	-	-	-	31,519	30,221	1,298
1979-80	-	-	-	31,494	30,311	1,183
1980-81	2,229	1,404	825	31,455	30,287	1,168
1981-82	2,243	1,432	811	31,729	30,561	1,168
1982-83	2,020	1,281	739	32,114	30,946	1,168
1983-84	2,358	1,423	935	32,809	31,440	1,369
1984-85	2,334	1,414	920	33,104	31,768	1,336
1985-86	2,254	1,257	997	33,156	31,817	1,339
1986-87	2,243	1,246	997	33,485	32,037	1,448
1987-88	2,572	1,292	1,280	33,544	32,000	1,544
1988-89	3,691	2,548	1,143	34,526	32,875	1,651
1989-90	3,837	2,646	1,191	34,382	32,811	1,571
1990-91	4,201	2,888	1,313	34,081	32,449	1,632
1991-92	-	-	-	34,081	32,449	1,632
1992-93	-	-	-	34,570	32,630	1,940

\* Data are as of January 6, 1993

\*\* Data includes technical and vocational education institutions and higher education institutions

Note: a school is counted according to the level of education it offers.

- 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.
- 4 Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

Table 10.1 (continued)

Secondary			Tertiary		
Total	Government	Private	Total	Government	Private
2,096	483	1,613	527	87	440
2,679	1,045	1,634	669	111	558
2,911	1,136	1,775	715	47	668
3,478	1,562	1,916	705	110	595
3,696	1,780	1,916	689	94	595
3,883	1,885	1,998	728	116	612
3,955	1,959	1,996	674	120	554
4,716	2,709	2,007	613	44	569
4,778	2,765	2,013	628	44	584
4,844	2,825	2,019	646	85	561
4,944	2,883	2,061	754	126	628
4,942	2,865	2,077	817	168	649
4,923	2,891	2,032	938	229	709
5,129	3,134	1,995	947	333	614
5,144	3,112	2,032	997	290	707
5,156	3,161	1,995	1,084	309	775
5,354	3,298	2,056	1,038	316	722
5,327	3,342	1,985	1,063	324	739
5,430	3,354	2,076	1,157	319	838
5,475	3,399	2,076	1,175	359	816
5,375	3,357	2,018	1,078	293	785
5,394	3,327	2,067	1,169	351	818
5,410	3,307	2,103	1,606	428	1,178
5,496	3,347	2,149	1,675	424	1,251
5,523	3,369	2,154	1,755	504	1,251
5,550	3,394	2,156	2,071	510	1,561
5,550	3,394	2,156	2,070	509	1,561 **
5,701	3,504	2,197	2,152	605	1,547 *

**Table 10.2**  
**NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS BY LEVEL OF EDUCATION**  
**AND BY REGION**  
**SY 1990-91 to 1992-93**

Level of Education	Philippines	Metropolitan Manila Area	Region 1	Region 2	Region 3	Region 4	Region 5
<b>SY 1990-1991</b>							
Pre-School	3,783	676	370	106	446	1,001	268
Government	2,527	341	325	73	258	671	224
Private	1,256	335	45	33	188	330	44
Elementary	34,010	805	2,269	1,823	2,635	4,194	2,898
Government	32,475	466	2,197	1,765	2,453	3,893	2,822
Private	1,535	339	72	58	182	301	76
Secondary	5,387	346	515	218	468	808	461
Government	3,304	101	354	127	273	473	313
Private	2,083	245	161	91	195	335	148
Tertiary	2,016	337	116	93	170	254	186
Government	540	14	26	45	35	57	39
Private	1,476	323	90	48	135	197	147
<b>SY 1991-1992</b>							
Pre-School	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-
Private	-	-	-	-	-	-	-
Elementary	34,081	805	2,269	1,823	2,635	4,194	2,898
Government	32,449	466	2,197	1,765	2,453	3,893	2,822
Private	1,632	339	72	58	182	301	76
Secondary	5,550	346	515	218	468	808	461
Government	3,394	101	354	127	273	473	313
Private	2,156	245	161	91	195	335	148
Higher Education	809	135	43	25	63	97	72
Government	174	12	9	8	14	22	14
Private	635	123	34	17	49	75	58
Technical and Vocational Education	1,261	202	73	68	107	157	114
Government	335	2	17	37	21	35	25
Private	926	200	56	31	86	122	89
<b>SY 1992-1993</b>							
Pre-School	-	-	-	-	-	-	-
Government	-	-	-	-	-	-	-
Private	-	-	-	-	-	-	-
Elementary	34,570	805	2,329	1,815	2,676	4,403	2,902
Government	32,630	466	2,202	1,757	2,478	3,930	2,826
Private	1,940	339	127	58	198	473	76
Secondary	5,701	348	525	239	477	838	470
Government	3,504	103	360	148	276	484	322
Private	2,197	245	165	91	201	354	148
Higher Education	1,034	163	74	44	89	107	85
Government	268	15	25	20	19	30	16
Private	766	148	49	24	70	77	69
Technical and Vocational Education	1,118	219	74	68	107	114	56
Government	337	2	17	37	21	35	29
Private	781	217	57	31	86	79	27

Source: Department of Education, Culture and Sports.

Table 10.2 (continued)

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR	ARMM
89	228	89	41	84	151	193	41	-
71	135	71	18	35	110	182	13	-
18	93	18	23	49	41	11	28	-
3,061	2,635	3,061	2,423	2,483	2,359	2,257	1,107	-
3,034	2,549	3,034	2,379	2,390	2,211	2,216	1,066	-
27	86	27	44	93	148	41	41	-
358	373	358	261	400	365	280	176	-
284	205	284	190	236	195	172	97	-
74	168	74	71	164	170	108	79	-
113	112	113	82	144	142	98	56	-
86	20	86	28	31	29	21	23	-
27	92	27	54	113	113	77	33	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
3,132	2,635	3,061	2,423	2,483	2,359	2,257	1,107	-
3,008	2,549	3,034	2,379	2,390	2,211	2,216	1,066	-
24	86	27	44	93	148	41	41	-
521	373	358	261	400	365	280	176	-
374	205	284	190	236	195	172	97	-
147	168	74	71	164	170	108	79	-
71	57	34	33	52	60	50	17	-
22	9	21	8	11	8	10	6	-
49	48	13	25	41	52	40	11	-
97	55	79	49	92	82	47	39	-
34	11	65	20	20	21	10	17	-
63	44	14	29	72	61	37	22	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
3,146	2,642	3,069	1,839	2,513	2,384	1,294	1,148	1,605
3,020	2,556	3,042	1,795	2,420	2,224	1,212	1,107	1,595
126	86	27	44	93	160	82	41	10
525	373	375	215	402	397	232	185	100
377	205	301	152	236	222	141	106	71
148	168	74	63	166	175	91	79	29
89	71	43	34	72	73	51	24	15
32	21	25	10	12	10	10	13	10
57	50	18	24	60	63	41	11	5
64	70	78	22	74	82	37	39	14
33	10	64	12	20	21	7	17	12
31	60	14	10	54	61	30	22	2

Table 10.3

**NUMBER OF PRE-SCHOOL, ELEMENTARY AND SECONDARY TEACHERS  
IN GOVERNMENT SCHOOLS BY REGION  
SY 1980-81 to 1990-91**

Level of Education	Philippines	Metropolitan Manila Area	Region 1	Region 2	Region 3	Region 4	Region 5
<b>Pre-School</b>							
1980-81	1,194	242	219	37	57	57	27
1981-82	1,359	290	245	133	57	80	45
1982-83	1,464	361	271	18	57	114	46
1983-84	1,579	336	285	154	66	93	53
1984-85	1,567	646	78	19	36	282	102
1985-86	-	-	-	-	-	-	-
1986-87	205	-	-	-	-	-	205
1987-88	-	-	-	-	-	-	-
1988-89	-	-	-	-	-	-	-
1989-90	11,018	3,097	633	106	789	3,032	635
1990-91	9,644	3,822	617	100	749	1,717	298
<b>Elementary</b>							
1980-81	255,343	22,481	23,319	11,543	24,272	31,885	20,668
1981-82	261,131	23,413	23,026	11,821	24,389	32,462	20,902
1982-83	261,360	23,414	23,390	11,822	24,389	32,478	20,902
1983-84	270,493	24,665	23,115	12,280	25,028	33,642	21,506
1984-85	270,693	24,761	22,933	12,434	25,123	34,156	21,614
1985-86	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1986-87	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1987-88	284,780	25,764	23,395	13,292	26,799	36,728	22,724
1988-89	289,719	25,873	19,631	11,412	27,217	37,593	22,879
1989-90	315,585	33,089	21,016	12,280	29,669	40,966	24,074
1990-91	311,013	33,899	20,387	11,788	29,713	40,575	23,609
<b>Secondary</b>							
1980-81	52,435	10,247	5,239	2,774	3,988	5,508	3,075
1981-82	54,555	10,769	5,655	2,707	4,311	5,792	3,241
1982-83	56,257	10,112	5,644	2,796	3,966	6,882	3,743
1983-84 R	69,563	9,499	7,317	2,832	5,658	8,634	5,479
1984-85 R	59,263	8,092	6,233	2,413	4,820	7,356	4,668
1985-86	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1986-87	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1987-88	69,226	10,924	6,647	3,069	5,528	8,951	4,038
1988-89	79,514	11,790	7,398	3,242	6,198	9,697	4,737
1989-90	118,805	20,728	8,674	4,034	11,099	16,443	7,438
1990-91	122,688	20,039	8,721	4,876	11,210	17,463	7,988

R revised

No data available for SY 1991-92 and 1992-93

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

Source: Department of Education, Culture and Sports.

Table 10.3 (continued)

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
311	30	75	10	37	11	81	-
256	61	48	9	27	23	85	-
380	37	44	27	17	18	74	-
298	71	56	11	31	27	98	-
250	25	47	25	15	5	37	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,237	296	153	76	196	443	214	111
783	333	138	104	183	358	266	176
28,282	19,865	18,167	12,581	13,921	15,742	12,617	-
28,025	20,547	18,496	13,913	14,384	15,851	13,902	-
28,198	20,547	18,499	13,880	14,534	15,851	13,956	-
28,864	21,920	18,710	13,863	14,947	17,129	14,824	-
28,686	20,664	18,542	13,994	14,786	17,952	15,048	-
29,084	20,876	18,867	15,143	15,387	18,221	15,269	-
29,084	20,876	18,867	15,143	15,387	18,221	15,269	-
29,258	21,168	18,814	15,566	16,327	19,153	15,792	-
29,447	21,359	18,988	16,123	17,125	20,150	15,976	5,946
31,500	22,713	19,845	16,962	18,318	21,803	16,774	6,576
30,496	22,338	19,288	16,476	17,829	21,695	16,413	6,507
6,779	2,248	3,479	1,999	1,840	2,890	2,369	-
7,123	2,299	3,500	1,985	2,399	3,146	1,628	-
7,873	2,491	2,722	1,979	2,846	3,294	1,909	-
9,046	3,288	4,097	2,946	3,672	4,297	2,798	-
7,707	2,801	3,490	2,510	3,128	3,661	2,384	-
7,630	2,157	3,584	2,466	3,410	3,969	2,370	-
7,630	2,157	3,584	2,466	3,410	3,969	2,370	-
9,917	2,588	4,175	2,838	3,379	4,118	3,054	-
10,735	3,461	4,558	3,473	4,082	5,088	3,487	1,568
12,279	6,686	5,768	4,204	6,520	7,340	4,743	2,849
12,100	7,179	5,660	4,415	6,542	8,087	5,517	2,891

**Table 10.4**  
**PRE-SCHOOL, ELEMENTARY AND SECONDARY ENROLMENT**  
**IN GOVERNMENT AND PRIVATE SCHOOLS**  
**SY 1954-55 to SY 1992-93**

School Year	Pre-School			Elementary			Secondary		
	Total	Government	Private	Total	Government	Private	Total	Government	Private
1954-55	-	-	-	3,444,417	3,305,103	139,314	559,868	187,373	372,495
1959-60	16,866	689	16,177	4,145,534	3,970,541	174,993	680,262	246,226	434,036
1964-65	30,445	843	29,602	5,577,940	5,330,373	247,567	1,037,109	394,048	643,061
1969-70	-	-	-	6,855,501	6,521,143	334,358	1,591,356	675,840	915,516
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	-	2,300	55,133	7,014,761	6,667,644	355,065	1,875,012	863,326	1,011,686
1973-74	-	-	-	7,269,008	6,845,138	363,901	1,958,048	913,342	1,044,706
1974-75	-	-	-	7,453,331	7,043,522	385,727	2,112,176	975,356	1,136,820
1975-76	-	-	-	7,597,279	7,197,878	399,401	2,291,707	1,061,731	1,229,976
1976-77	-	-	-	7,808,158	7,387,178	420,980	2,508,519	1,205,434	1,303,085
1977-78	-	-	-	7,861,641	7,424,254	437,387	2,696,460	1,319,898	1,376,562
1978-79	-	-	-	8,179,013	7,724,115	454,898	2,941,210	1,491,015	1,450,195
1979-80	114,868	79,932	34,936	8,227,355	7,817,450	409,905	2,766,874	1,489,959	1,276,915
1980-81	124,844	46,893	77,951	8,290,444	7,931,164	359,280	3,018,568	1,614,554	1,404,014
1981-82	152,262	52,048	100,214	8,518,283	8,073,290	444,993	2,935,732	1,591,510	1,344,222
1982-83	153,884	62,521	91,363	8,591,267	8,164,061	427,206	3,074,219	1,721,159	1,353,060
1983-84	181,726	68,190	113,536	8,717,469	8,228,554	488,915	3,204,551	1,844,174	1,360,377
1984-85	177,593	74,136	103,457	8,793,773	8,269,825	523,948	3,323,063	1,957,444	1,365,619
1985-86	-	-	-	8,896,920	8,392,103	504,817	3,269,434	1,949,542	1,319,892
1986-87	164,260	64,308	99,952	9,229,595	8,639,399	590,196	3,357,014	1,996,377	1,360,637
1987-88	204,912	79,971	124,941	9,601,322	8,964,804	636,518	3,494,460	2,090,073	1,404,387
1988-89	274,106	136,843	137,263	9,972,571	9,323,637	648,934	3,737,104	2,354,620	1,382,484
1989-90	321,459	151,070	170,389	10,284,861	9,604,422	680,439	3,961,639	2,516,729	1,444,910
1990-91	397,364	165,997	231,367	10,427,077	9,727,575	699,502	4,033,597	2,564,045	1,469,552
1991-92	-	-	-	10,558,105	9,804,717	753,388	4,208,151	2,695,541	1,512,610
1992-93	-	-	-	10,678,919	9,893,587	785,332	4,422,673	2,879,384	1,543,289

Source: Department of Education, Culture and Sports.

**Table 10.5**  
**NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED TO REGION**  
**1985 to 1992**

Region	1985	1986	1987	1988	1989	1990	1991	1992
Philippines	5,426,279	3,239,896	17,521,339	12,239,802	13,909,675	6,854,482	7,097,856	7,798,637
NCR	297,105	381,799	1,254,195	1,151,710	1,031,700	495,864	513,470	564,166
CAR				203,770	303,143	211,712	219,229	240,874
I	362,476	289,260	1,198,379	863,545	843,431	401,939	416,210	457,303
II	136,176	311,726	858,920	423,213	607,860	265,418	274,842	301,978
III	480,896	385,740	1,788,662	1,282,968	1,087,058	631,228	653,640	718,175
IV	595,229	570,820	2,447,142	1,774,483	1,428,244	927,571	960,505	1,055,337
V	512,380	224,190	1,199,754	1,042,810	1,290,280	579,571	600,149	659,403
VI	683,729	194,670	1,745,012	1,341,290	1,341,440	564,070	584,098	641,767
VII	511,368	106,230	1,418,828	775,350	1,142,577	527,690	546,426	600,375
VIII	456,031	87,391	956,933	545,581	1,517,819	365,150	378,115	415,447
IX	343,069	142,500	1,057,945	571,880	833,418	341,040	353,149	388,016
X	404,208	88,950	1,603,686	696,070	894,420	577,010	597,497	656,489
XI	397,900	215,730	1,054,278	889,060	753,500	499,429	517,162	568,222
XII	245,712	240,890	937,605	678,072	834,785	466,790	483,364	531,087

Source of data: DECS, Warehousing and Distribution Section, Instructional Materials Corporation

**Table 10.6**  
**TERTIARY ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS**  
**BY FIELD OF STUDY AND BY REGION**  
**SY 1989-90 to 1992-93**

Field of study	Philippines	Metropolitan Manila Area	Region 1	Region 2	Region 3
<b>1989 - 1990</b>	<b>1,225,315</b>	<b>359,663</b>	<b>39,865</b>	<b>69,146</b>	<b>40,175</b>
Arts and Sciences	178,828	71,690	5,706	6,693	5,759
Teacher Training & Education	220,751	23,513	4,722	16,292	12,516
Engineering and Technology	248,551	87,367	11,366	11,859	5,515
Medical and Health Related Programs	160,230	62,504	9,435	11,818	835
Commerce/Business Management	357,326	108,733	6,630	19,493	12,278
Agriculture, Forestry, Fish and Veterinary Medicine	39,507	1,010	1,353	931	3,272
Law	18,550	4,699	296	2,060	-
Religion/Theology	1,572	147	357	-	-
<b>1990 - 1991</b>	<b>1,347,715</b>	<b>395,629</b>	<b>43,852</b>	<b>76,060</b>	<b>44,192</b>
Arts and Sciences	196,711	78,859	6,277	7,362	6,335
Teacher Training & Education	242,828	25,864	5,194	17,921	13,768
Engineering and Technology	273,408	96,104	12,503	13,045	6,066
Medical and Health Related Programs	176,252	68,754	10,378	13,000	918
Commerce/Business Management	392,958	119,606	7,293	21,442	13,506
Agriculture, Forestry, Fish and Veterinary Medicine	43,458	1,111	1,488	1,024	3,599
Law	20,405	5,169	326	2,266	-
Religion/Theology	1,695	162	393	-	-
<b>1991 - 1992</b>	<b>1,425,618</b>	<b>547,687</b>	<b>83,220</b>	<b>27,797</b>	<b>94,092</b>
Arts and Sciences	175,783	67,518	6,033	3,856	7,457
Teacher Training & Education	197,497	20,104	16,714	10,123	22,318
Engineering and Technology	313,649	135,206	16,065	3,504	16,939
Medical and Health Related Programs	254,444	103,792	24,755	1,152	13,814
Commerce/Business Management	314,486	109,291	14,720	6,974	28,799
Agriculture, Forestry, Fishery and Veterinary Medicine	34,708	2,010	2,791	1,594	2,731
Law	37,111	13,223	2,103	594	1,726
Religion/Theology	3,935	2,538	39	0	308
Not classified	2,863	2,863	-	-	-
State Colleges and Universities	91,142	91,142	-	-	-
<b>1992 - 1993</b>	<b>1,440,974</b>	<b>540,962</b>	<b>86,574</b>	<b>27,994</b>	<b>91,074</b>
Arts and Sciences	162,153	56,635	6,864	3,619	5,556
Teacher Training & Education	173,354	18,856	16,290	9,501	19,975
Engineering and Technology	350,200	141,419	19,061	3,509	17,202
Medical and Health Related Programs	254,416	105,266	23,447	1,677	13,685
Commerce/Business Management	327,133	104,151	15,379	7,346	29,743
Agriculture, Forestry, Fishery and Veterinary Medicine	33,304	1,930	3,175	1,597	2,846
Law	41,172	15,162	2,229	745	1,764
Religion/Theology	4,645	3,212	129	0	303
Not classified	3,189	3,189	-	-	-
State Colleges and Universities	91,142	91,142	-	-	-
Not classified by program	266	-	-	-	-

Source: Bureau of Higher Education, Department of Education, Culture and Sports.

Table 10.6 (continued)

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
82,791	115,155	74,833	93,966	88,409	52,037	29,101	84,468	47,395	48,311
8,786	16,584	9,374	8,033	9,266	6,051	6,605	9,694	7,808	6,779
18,026	27,466	17,892	18,477	17,900	13,896	7,026	21,008	9,647	12,370
15,145	20,899	11,171	20,546	27,386	6,419	2,756	17,219	4,853	6,050
5,485	9,971	11,965	11,394	12,223	2,437	4,029	6,410	7,153	4,571
31,493	34,786	18,277	29,690	17,493	16,597	6,009	24,151	16,548	15,148
3,421	4,755	4,626	3,680	2,315	4,304	1,928	4,306	1,099	2,507
333	347	1,528	2,146	1,717	2,213	748	1,680	31	752
102	347	-	-	109	120	-	-	256	134
90,971	126,637	82,317	103,363	97,250	57,241	32,012	92,915	52,135	53,141
9,665	18,242	10,311	8,836	10,193	6,656	7,266	10,663	8,589	7,457
19,829	30,213	19,681	20,325	19,690	15,286	7,729	23,109	10,612	13,607
16,660	22,989	12,288	22,601	30,125	7,061	3,032	18,941	5,338	6,655
6,034	10,968	13,162	12,533	13,445	2,681	4,432	7,051	7,868	5,028
34,542	38,265	20,105	32,659	19,242	18,257	6,610	26,566	18,203	16,662
3,763	5,231	5,089	4,048	2,546	4,734	2,121	4,737	1,209	2,758
366	382	1,681	2,361	1,889	2,434	822	1,848	34	827
112	347	-	-	120	132	-	-	282	147
90,228	64,204	103,257	126,926	21,715	41,451	68,251	65,923	45,524	45,343
12,842	9,635	12,348	20,483	3,064	6,457	6,349	8,456	5,470	5,815
16,150	15,460	22,439	15,823	4,761	10,545	11,924	14,227	10,867	6,042
11,258	9,924	24,632	41,615	1,718	6,294	15,086	12,648	7,961	10,799
19,457	13,329	16,262	20,945	1,799	4,939	14,020	4,711	5,666	9,803
25,345	12,269	22,317	22,643	8,026	9,607	17,176	20,197	8,657	8,465
3,870	1,577	3,246	2,300	845	1,542	1,404	2,870	5,646	2,282
845	2,010	1,808	3,117	1,440	2,067	2,292	2,814	1,206	1,866
461	0	205	0	62	0	0	0	51	271
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
87,077	53,899	114,005	130,968	24,782	39,652	70,549	77,981	48,125	47,332
10,889	10,635	12,159	17,947	2,889	6,422	6,483	10,115	6,027	5,913
15,649	5,483	19,528	14,024	4,066	8,655	11,480	11,971	12,010	5,866
15,425	11,463	35,352	45,167	3,554	6,779	16,337	16,027	7,774	11,131
16,880	10,846	16,415	20,625	1,999	4,160	13,112	10,650	6,357	9,297
25,628	12,150	25,138	27,498	8,802	9,804	19,590	22,062	9,998	9,844
1,308	1,279	3,419	2,252	1,815	1,183	1,777	3,270	4,648	2,805
966	2,043	1,794	3,455	1,528	2,649	1,770	3,886	1,255	1,926
332	0	200	0	129	0	0	0	56	284
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	266

**Table 10.7**  
**TERTIARY GRADUATES BY PROGRAM, BY REGION,**  
**AND BY MAJOR CATEGORY**  
**SY 1988-89 to 1990-91**

Program	Philippines	Metropolitan Manila Area	CAR	Region 1	Region 2
<b>1988 - 1989</b>	<b>227,118</b>	<b>66,466</b>	<b>4,127</b>	<b>15,572</b>	<b>6,347</b>
Arts and Sciences	30,700	13,397	709	930	820
Teacher Training & Education	35,882	2,921	458	3,623	1,821
Engineering and Technology	33,409	9,319	886	2,296	654
Medical and Health Related Programs	35,629	15,476	968	3,090	116
Commerce/Business Management	81,575	23,910	936	4,925	2,434
Agriculture, Forestry, Fish and Veterinary Medicine	7,552	910	71	435	502
Law	2,158	513	34	273	0
Religion/Theology	213	20	65	0	0
<b>1989 - 1990</b>	<b>249,488</b>	<b>73,114</b>	<b>4,539</b>	<b>17,130</b>	<b>6,983</b>
Arts and Sciences	33,770	14,737	780	1,023	902
Teacher Training & Education	39,470	3,213	504	3,985	2,004
Engineering and Technology	36,420	10,251	974	2,526	719
Medical and Health Related Programs	39,195	17,024	1,065	3,399	128
Commerce/Business Management	89,731	26,301	1,029	5,418	2,678
Agriculture, Forestry, Fish and Veterinary Medicine	8,308	1,001	78	479	552
Law	2,359	565	37	300	-
Religion/Theology	235	22	72	-	-
<b>1990 - 1991</b>	<b>221,047</b>	<b>65,044</b>	<b>4,040</b>	<b>15,155</b>	<b>6,212</b>
Arts and Sciences	29,961	13,111	695	827	803
Teacher Training & Education	34,279	2,858	449	3,545	1,782
Engineering and Technology	32,402	9,119	867	2,247	640
Medical and Health Related Programs	34,868	15,146	948	3,023	114
Commerce/Business Management	79,827	23,397	915	4,820	2,382
Agriculture, Forestry, Fish and Veterinary Medicine	7,390	890	69	426	491
Law	2,111	503	33	267	-
Religion/Theology	209	20	64	-	-

No available data for SY 1991-92 and 1992-93.

Source: Bureau of Higher Education, Department of Education, Culture and Sports.

Table 10.7 (continued)

Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
18,127	17,684	12,352	18,100	15,897	6,943	6,427	20,014	11,543	7,519
1,344	2,284	2,187	1,538	1,191	178	853	2,771	1,462	1,036
3,265	3,808	2,522	3,140	2,347	1,550	1,483	4,476	2,723	1,745
2,291	2,049	1,648	3,700	3,843	763	982	2,881	1,183	914
3,808	1,491	1,823	1,723	3,202	341	837	796	1,155	803
6,773	7,391	3,502	7,158	4,566	2,952	1,746	8,362	4,510	2,410
611	651	542	533	378	928	412	596	490	493
35	10	128	308	310	193	114	132	7	101
0	0	0	0	60	38	0	0	13	17
19,938	19,453	13,786	19,912	17,360	7,550	7,070	21,684	12,697	8,272
1,478	2,512	2,406	1,692	1,311	195	938	3,048	1,608	1,140
3,591	4,189	2,775	3,453	2,582	1,705	1,631	4,924	2,995	1,919
2,519	2,254	1,813	4,070	4,228	840	1,081	2,839	1,301	1,005
4,189	1,641	2,005	1,896	3,522	375	921	876	1,270	884
7,450	8,130	3,852	7,874	5,022	3,247	1,921	9,197	4,961	2,651
672	716	596	586	416	1,021	453	655	540	543
39	11	339	341	213	125	125	145	8	111
-	-	-	-	66	42	-	-	14	19
17,736	17,304	11,252	17,712	15,558	6,795	6,292	19,292	11,295	7,360
1,314	2,234	2,140	1,505	1,166	174	835	2,712	1,431	1,014
3,195	3,726	1,633	3,073	2,298	1,517	1,451	4,380	2,664	1,708
2,241	2,006	1,613	3,620	3,762	748	961	2,525	1,158	895
3,726	1,459	1,784	1,686	3,134	333	820	780	1,129	786
6,627	7,233	3,427	7,005	4,468	2,888	1,709	8,183	4,414	2,359
598	637	530	522	369	909	404	583	479	483
35	9	125	301	303	188	112	129	7	99
-	-	-	-	58	38	-	-	13	16

**Table 10.8**  
**BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE**  
**AND SPORTS AS A PERCENTAGE OF THE NATIONAL GOVERNMENT BUDGET**  
**1960 to 1993**

Year	National Budget (in thousand pesos)	DECS Budget (in thousand pesos)	Percent of the National Government Budget
1960	899,676	247,387	27.50
1961	1,092,919	306,880	28.08
1962	1,189,618	352,030	29.59
1963	1,382,979	404,771	29.27
1964	1,972,081	507,155	25.72
1965	2,102,364	555,250	26.41
1966	2,003,049	596,212	29.77
1967	2,073,825	646,124	31.16
1968	2,276,471	688,910	30.26
1969	2,904,718	780,265	26.86
1970	3,323,699	829,945	24.97
1971	3,716,216	1,004,394	27.03
1972	5,562,000	1,093,620	19.66
1973	7,909,000	1,296,696	16.40
1974	12,897,000	1,496,355	11.60
1975	16,684,000	1,643,183	9.85
1976	29,843,000	1,681,387	5.63
1977	28,577,000	2,040,000	7.14
1978	34,422,000	3,195,276	9.28
1979	41,739,000	3,447,234	8.26
1980	41,424,000	3,414,378	8.24
1981	49,481,000	3,827,280	7.73
1982	35,854,000	4,387,012	12.24
1983	61,799,000	5,471,935	8.85
1984	92,107,000	5,613,082	6.09
1985	92,511,000	6,145,907	6.64
1986	115,102,000	8,712,162	7.57
1987	194,266,000	12,321,912	6.34
1988	162,250,000	15,100,335	9.31
1989	228,940,000	25,040,675	10.94
1990	233,507,847	28,177,760	12.07
1991	254,343,983	32,949,919	12.95
1992	308,368,476	34,531,399	11.20
1993	330,237,082	35,164,138	10.65

Source of data: Planning and Programming Division, DECS.

**Table 10.9**  
**NUMBER OF GRADUATES IN NON-FORMAL EDUCATION BY REGION**  
**CY 1983 to 1990**

Region	1983		1984		1985		1986	
	FL	LSD	FL	LSD	FL	LSD	FL	LSD
Philippines	46,655	819,298	85,543	2,320,062	48,854	257,003	67,797	283,138
Metropolitan Manila Area (National Capital Region)	617	33,249	678	62,850	1,179	39,602	583	28,655
CAR - Cordillera							797	15,309
Region 1	832	33,727	1,129	35,711	1,128	11,939	2,345	11,002
Region 2	2,016	17,414	1,667	25,428	2,110	12,390	1,281	4,723
Region 3	1,416	11,654	2,580	65,115	2,403	7,219	2,742	30,799
Region 4	1,620	36,870	4,112	43,934	2,299	24,928	1,764	7,603
Region 5	9,730	78,673	9,337	45,704	8,825	13,759	6,018	15,759
Region 6	2,618	77,382	3,598	75,074	3,044	19,514	20,581	102,725
Region 7	1,881	58,976	12,302	273,379	4,411	32,493	6,549	9,768
Region 8	2,199	10,977	714	8,209	8,417	15,136	12,447	15,233
Region 9	9,505	45,080	30,294	1,353,067	2,289	49,463	1,710	20,667
Region 10	1,970	51,999	1,904	22,365	2,038	13,858	5,539	12,291
Region 11	7,104	299,858	11,410	282,762	5,269	9,178	5,441	8,604
Region 12	5,147	63,439	5,818	26,464	5,442	7,524	5,442	7,524

Region	1987		1988		1989		1990	
	FL	LSD	FL	LSD	FL	LSD	FL	LSD
Philippines	94,953	337,335	126,629	346,867	74,513	269,011	50,513	225,391
Metropolitan Manila Area (National Capital Region)	927	23,271	833	18,876	624	16,162	513	17,653
CAR - Cordillera			1,990	4,842	1,736	7,460	1,736	7,460
Region 1	2,085	12,943	20,505	11,365	1,634	35,985	1,619	2,986
Region 2	2,664	5,967	1,525	7,610	1,250	6,266	420	6,095
Region 3	3,553	6,132	6,831	11,760	3,280	25,410	2,500	11,618
Region 4	4,175	5,124	1,040	10,875	4,964	13,042	1,158	5,837
Region 5	7,599	16,403	8,639	13,040	16,084	13,394	12,043	21,230
Region 6	6,937	18,259	5,641	19,173	12,486	20,824	1,768	23,614
Region 7	25,329	176,603	21,248	172,823	9,648	72,736	12,794	26,865
Region 8	2,552	9,206	1,374	6,421	1,968	6,750	9,096	65,843
Region 9	10,274	17,221	11,758	8,421	3,637	5,340	1,462	7,351
Region 10	3,248	12,865	5,322	27,159	2,193	18,059	1,989	4,798
Region 11	7,014	20,209	6,722	21,786	5,800	21,908	2,161	15,743
Region 12	18,596	13,132	33,201	12,716	9,209	5,675	1,254	8,298

No available data for 1991 and 1992.

Note: No data by course.

FL - Functional Literacy

LSD - Livelihood Skills Development

CAR - Cordillera Administrative Region was implemented in 1988

Source: Bureau of Non-Formal Education, DECS.

**Table 10.10**  
**NUMBER OF EXAMINEES WHO PASSED THE BOARD/BAR EXAMINATIONS**  
**1979 to 1992**

Board/Bar Examination	1979	1980	1981	1982	1983
<b>TOTAL</b>	<b>42,653</b>	<b>38,373</b>	<b>42,366</b>	<b>41,597</b>	<b>39,663</b>
Agriculture Engineer	305	192	370	446	429
Aeronautical Engineer	-	-	-	-	38
Architect	401	184	266	309	448
Bar	903	605	841	433	523
Certified Public Accountant	3,929	3,295	4,740	4,612	5,188
Chemical Engineer	809	588	690	1,052	1,089
Chemist	291	168	196	212	263
Civil Engineer	1,664	2,028	3,183	4,628	4,554
Criminology	-	-	-	-	-
Customs Broker	216	-	179	-	239
Deck Officer (all grades)	3,248	2,841	4,009	4,828	4,847
Dentist	529	814	834	1,102	1,320
Dietician/Nutritionist	671	541	675	555	510
Electrical Engineer (all grades)	1,941	1,710	2,100	2,109	1,934
Electronics and Communication Enginee	115	-	113	157	209
Engine Officer (all grades)	2,740	2,492	3,397	3,831	3,989
Forester	185	185	169	229	293
Geodetic Engineer	136	150	297	287	238
Geologist	96	52	64	92	55
Interior Design	-	-	-	-	11
Landscape Architecture	-	-	-	-	-
Master Plumber	90	50	69	58	90
Mechanical Engineer	2,379	2,031	2,621	2,621	2,617
Medicine (with Prelims)	1,272	1,273	1,222	1,689	1,655
Medical Technology	1,178	-	855	673	842
Metallurgical Engineer	-	-	8	17	10
Midwife	4,515	3,199	3,783	2,447	2,588
Mining Engineer	138	113	105	84	101
Naval Architect	15	2	6	10	37
Nurse	13,314	13,988	9,633	7,416	3,853
Optometry	188	246	227	227	265
Pharmacy	553	595	605	570	605
Physical Therapy/Occupational Therapy	88	10	83	117	94
Sanitary Engineer	56	64	95	60	50
Social Worker	596	826	735	570	472
Sugar Technology	-	-	-	17	9
Veterinarian	92	131	196	139	198

P Preliminary

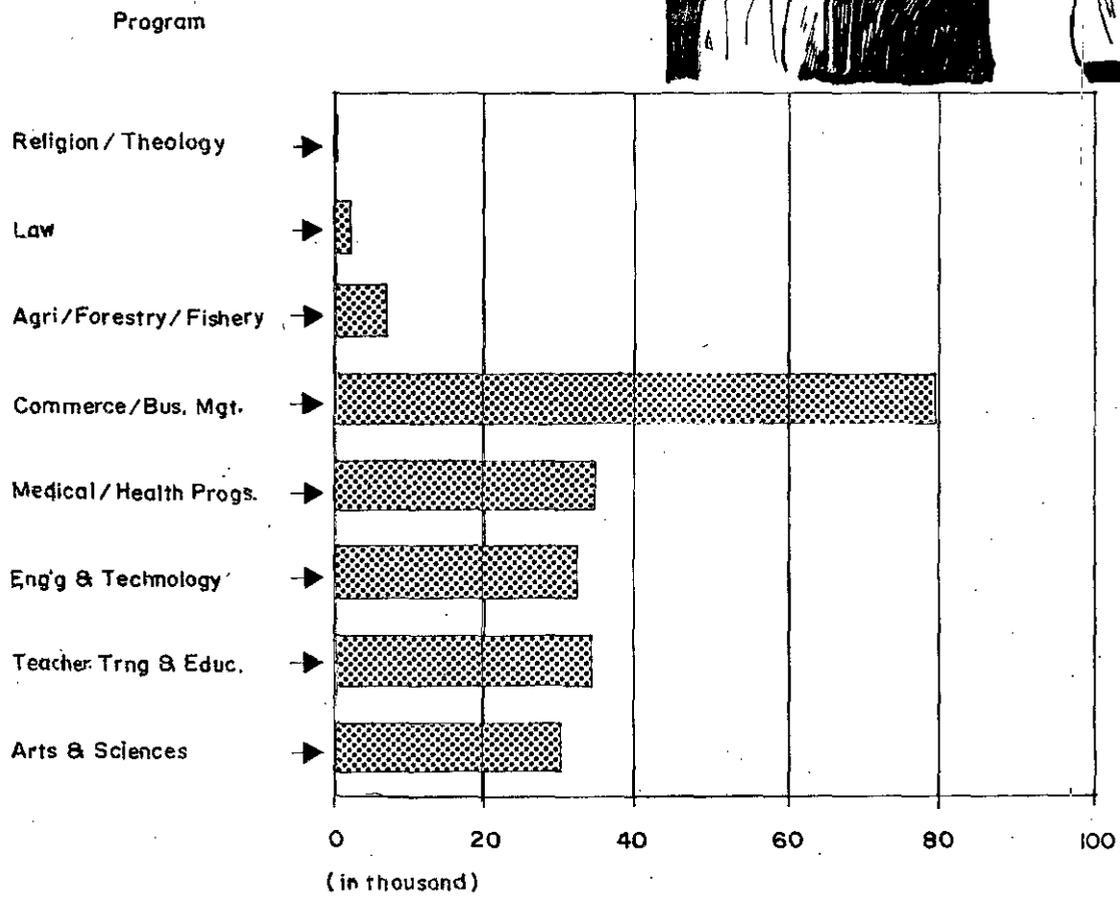
\* includes those who passed in Manila, Cebu, Davao and Iloilo.

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

Table 10.10 (continued)

1984	1985	1986	1987	1988	1989	1990	1991	1992 P
40,622	39,331	36,457	31,626	35,918	38,619	46,729	42,571	19,928
318	136	102	88	82	77	102	95	...
26	21	27	45	18	-	33	12	...
451	623	684	364	371	369	317	406	125
563	701	491	480	689	639	866	649	499
5,407	4,485	4,243	3,850	3,373	3,198	1,905	1,611	567
1,216	911	981	692	377	432	462	736	...
241	205	120	44	114	86	88	63	...
5,680	5,575	3,936	2,675	2,119	2,604	2,976	1,588	...
-	-	-	-	302	150	-	-	...
-	192	-	144	-	-	156	-	...
4,681	4,046	2,116	1,271	1,242	1,507	4,088	5,768	...
1,468	1,566	1,634	950	2,183	1,225	2,028	1,986	...
390	330	338	290	365	306	205	265	...
2,661	2,818	2,575	2,619	2,574	2,261	3,205	1,196	...
443	403	783	802	903	1,010	1,110	243	...
4,085	4,064	2,238	1,309	840	842	1,573	-	...
240	286	284	85	172	55	64	45	...
378	354	355	233	347	231	322	85	190
58	74	53	39	36	15	26	10	...
41	32	45	39	34	36	48	-	...
4	5	6	0	0	7	2	4	...
55	71	29	20	14	47	43	23	...
2,479	2,100	2,363	2,546	2,406	1,019	3,921	381	...
1,541	1,895	3,621	1,897	2,818	2,537	2,200	2,440	1,515
1,034	1,017	1,373	1,407	1,911	2,336	1,564	-	...
17	17	11	23	17	12	10	13	...
2,135	2,475	2,486	3,629	4,273	6,352	8,047	6,700	...
88	73	88	77	50	51	25	43	...
44	23	29	11	18	8	2	2	...
2,977	3,094	3,773	4,452	6,351	9,138	9,101	16,334 *	...
324	265	226	251	227	315	281	302	...
680	476	608	506	864	813	1,093	860	698
154	171	189	156	157	259	228	221	...
107	115	85	51	91	111	101	111	...
434	425	307	246	275	254	339	211	...
-	-	-	-	-	-	1	-	...
202	287	258	335	305	317	197	168	...

Figure 10.2 Tertiary Graduates by Program, Philippines, SY 1990-91



# 11 LABOR AND EMPLOYMENT

The labor and employment sector plays a vital role in the continuing development of the economy, particularly towards improvement in the economic well-being of the population. Data on the sector serve as inputs to government processes involving the formulation of policies aimed at providing adequate employment opportunities for the social upliftment of the constituents of the sector. Viewed in the light of these goals, the generation of timely and adequate statistics on the sector assumes paramount importance.

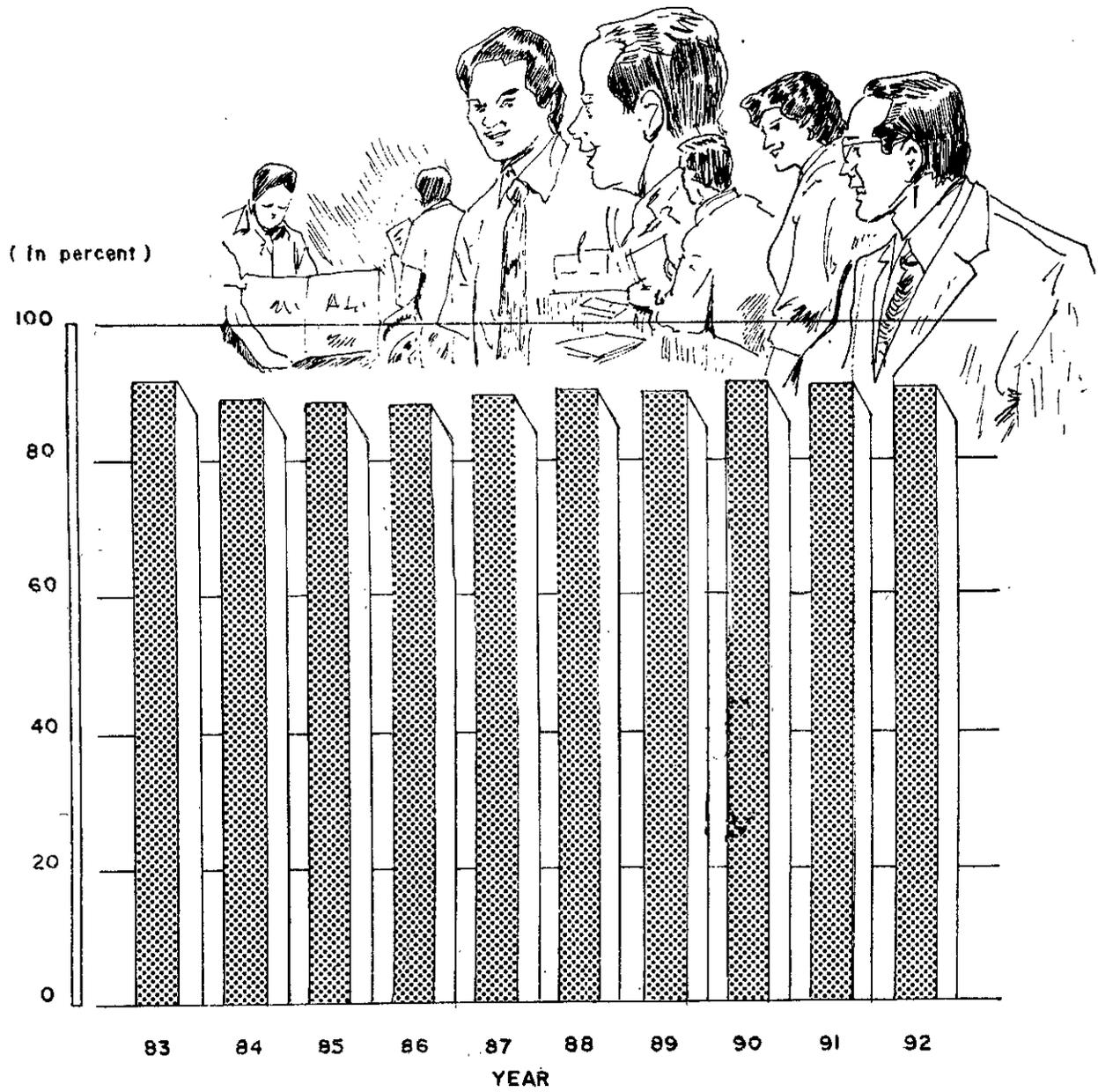
Statistics on the labor force and its characteristics are significant indicators of the country's state of development. Data on the proportion of the labor force engaged in the primary, secondary and tertiary industries reflect the major changes in the structures of the economy as a result of advancement. The labor force participation rate and employment status are determinants of productive activity while the regional dimensions of the labor force and employment demonstrate the extent of regional development. The sex composition, meanwhile, is a factor to reckon with in determining labor productivity which is also a measure of economic growth. Data on legislated wage rates are used to measure the workers' welfare by comparing the rates with the increases in commodity prices. Lastly, the number of Filipino workers employed overseas not only shows the magnitude by which the foreign markets absorb local manpower resources but also serves as an indicator to be used in rationalizing export of labor.

Labor force is the part of population 15 years old and over that is either employed or unemployed during the reference period. Prior to the November 1976 survey, however, labor force is defined as the part of the population 10 years old and over that is either employed or unemployed. Prior to 1976, the labor and employment data were based on the "past week" reference period. Although the said reference period was continued together with the past quarter reference period of the Integrated Survey of Households starting in 1976, it was not presented in a more detailed disaggregation similar to that of the traditional tables being published. It was only in 1987 when the past week reference period covered the required detailed disaggregation and the more detailed past quarter reference period data were conducted once a year i.e. third quarter. In any case, employed persons include all those who were reported at work, those with a job as wanting and looking for work anytime during the reference period whether on a full-time or part-time basis. Also included are persons reported as wanting but not looking for work because of temporary illness, bad weather or any other reasons. Persons not in the labor force are those who are not at work and without jobs and not wanting work, or wanting work but not looking for it for the reasons that a person is disabled, retired, schooling or housekeeping. Also included are those seasonal workers who are working and not looking for work during the survey period. Labor force and employment statistics are published in the National Statistics Office *Survey of Households Bulletin*, *Journal of Philippine Statistics* and *Special Releases* and through the yearbook and periodic reports of the Department of Labor and Employment or the various offices/bureaus under it.

Contained in the chapter are data on the size, composition and distribution of employed persons which are classified by industry and occupation group and other socio-economic characteristics, and of legislated money and real wage rates.

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Figure 11.1 Employment Rate: Philippines, 1983 to 1992



**Table 11.1**  
**HOUSEHOLD POPULATION 10 YEARS OLD AND OVER**  
**BY EMPLOYMENT STATUS AND BY REGION**  
**OCTOBER 1983 TO 1992**

Employment Status	Year	Philippines	Region			
			National Capital Region	Cordillera Administrative Region	1	2
Projected household population						
10 years old and over:						
Number (in thousands)	1983	31,676	4,203	a	2,286	1,443
	1984	32,679	4,413	a	2,332	1,487
	1985	33,646	4,575	a	2,376	1,531
	1986	34,612	4,738	a	2,419	1,574
	1987	34,840	4,865	a	2,496	1,576
	1988	35,865	5,005	678	2,096	1,409
	1989	36,916	5,148	695	2,148	1,453
	1990	37,999	5,295	713	2,197	1,497
	1991	39,114	5,963	733	2,251	1,544
	1992	47,901	6,493	892	2,730	1,906
Percent in the labor force	1983	63.6	55.4	a	63.1	72.3
	1984	63.5	60.7	a	60.2	68.8
	1985	63.4	60.4	a	57.8	66.4
	1986	63.8	58.6	a	59.7	69.5
	1987	65.7	60.0	a	62.4	70.3
	1988	65.4	60.2	70.5	64.4	69.9
	1989	64.6	58.5	69.1	63.0	68.4
	1990	64.5	59.8	73.9	62.1	66.7
	1991	64.5	61.6	69.2	62.5	67.0
	1992	56.2	53.3	60.4	52.8	61.2
Percent of labor force:						
Employment Rate	1983	92.1	84.7	a	92.8	95.0
	1984	89.4	78.1	a	91.0	92.0
	1985	88.9	73.9	a	90.3	93.4
	1986	88.9	71.4	a	90.6	93.9
	1987	90.9	81.7	a	90.6	95.2
	1988	91.7	82.8	95.2	92.4	95.0
	1989	91.6	84.1	95.4	92.9	95.2
	1990	91.9	85.9	96.2	92.5	95.4
	1991	91.0	84.6	95.5	92.2	92.3
	1992	91.4	84.1	95.0	93.1	94.1
Unemployment Rate	1983	7.9	15.3	a	7.2	5.0
	1984	10.6	21.9	a	9.0	8.0
	1985	11.1	26.1	a	9.7	6.6
	1986	11.1	28.6	a	9.4	6.1
	1987	9.1	18.3	a	9.4	4.8
	1988	8.3	17.2	4.8	7.6	5.0
	1989	8.4	15.9	4.6	7.1	4.8
	1990	8.1	14.1	3.8	7.4	4.7
	1991	9.0	15.4	4.5	7.8	7.7
	1992	8.6	15.9	5.0	6.9	5.9

Table 11.1 (continued)

Region									
3	4	5	6	7	8	9	10	11	12
3,191	4,094	2,152	2,907	2,478	1,776	1,637	1,808	2,238	1,431
3,298	4,236	2,200	3,001	2,543	1,820	1,685	1,871	2,327	1,467
3,405	4,378	2,248	3,073	2,609	1,863	1,734	1,934	2,417	1,504
3,512	4,522	2,294	3,144	2,674	1,906	1,782	1,998	2,508	1,541
3,519	4,536	2,347	3,150	2,670	1,871	1,760	2,013	2,426	1,610
3,629	4,690	2,417	3,234	2,736	1,920	1,812	2,078	2,501	1,661
3,741	4,850	2,488	3,319	2,805	1,969	1,865	2,145	2,578	1,714
3,855	5,015	2,562	3,408	2,876	2,018	1,918	2,213	2,658	1,768
3,975	5,186	2,639	3,498	2,949	2,070	1,975	2,284	2,739	1,825
4,848	6,386	3,308	4,318	3,599	2,548	1,918	2,811	3,362	1,489
56.7	63.0	70.8	68.0	68.6	66.7	54.1	69.8	65.8	64.5
57.5	57.5	68.0	63.5	68.6	77.9	58.8	69.0	66.6	63.1
57.9	61.3	69.9	64.1	68.5	72.2	57.4	66.1	67.1	63.3
59.1	62.4	67.3	64.6	68.4	71.9	59.8	67.6	65.5	66.6
62.2	65.3	69.4	66.7	68.3	73.0	62.8	68.6	69.5	65.3
61.9	64.5	69.4	64.9	67.9	74.8	60.7	67.4	68.3	64.7
61.6	63.1	70.0	65.0	66.2	71.8	62.3	68.9	67.1	65.1
62.2	64.2	68.3	65.0	65.1	71.0	59.7	69.0	67.1	63.3
62.7	63.5	68.2	65.0	65.3	68.7	58.0	68.3	66.1	67.0
52.6	54.8	59.2	57.1	57.4	58.3	53.0	60.4	59.5	63.5
86.4	91.9	95.3	93.6	95.0	95.3	92.4	92.6	94.1	96.5
86.8	88.7	92.1	89.6	94.9	90.3	95.7	91.2	90.8	95.5
88.1	87.6	93.5	90.7	93.0	91.9	92.8	91.3	92.6	94.6
88.8	89.8	92.5	89.2	94.4	94.4	93.3	91.0	90.1	94.9
87.2	91.8	94.4	92.0	92.8	92.2	94.0	92.9	93.0	95.2
90.4	91.6	94.3	92.7	94.3	94.0	94.8	92.3	91.9	95.3
90.3	91.1	93.8	91.5	94.2	91.9	94.8	93.0	92.1	95.0
90.1	91.3	94.4	92.3	92.6	94.1	94.1	92.7	92.3	95.4
88.2	89.6	94.1	92.7	92.3	94.1	94.9	92.2	91.5	94.5
87.7	91.6	94.5	92.0	92.3	93.3	93.9	94.2	90.4	95.3
13.6	8.1	4.7	6.4	5.0	4.7	7.7	7.4	5.9	3.5
13.2	11.3	7.9	10.4	5.1	9.7	4.3	8.8	9.2	4.5
11.9	12.4	6.5	9.3	7.0	8.1	7.2	8.7	7.4	5.4
11.2	10.2	7.5	10.3	5.6	5.6	6.7	9.0	9.9	5.1
12.8	8.2	5.6	8.0	7.2	7.8	6.0	7.1	7.0	4.8
9.6	8.4	5.7	7.3	5.7	6.0	5.2	7.7	8.1	4.7
9.7	8.9	6.2	8.5	5.8	8.0	5.2	7.0	7.9	5.0
9.9	8.7	5.6	7.7	7.4	5.9	5.9	7.3	7.7	4.5
11.8	10.4	5.9	7.3	7.7	5.9	5.1	7.8	8.5	5.5
12.3	8.4	5.5	8.0	7.7	6.7	6.1	5.8	9.6	4.7

**Table 11.1**  
**HOUSEHOLD POPULATION 10 YEARS OLD AND OVER**  
**BY EMPLOYMENT STATUS AND BY REGION**  
**OCTOBER 1983 to 1992 (continued)**

Employment Status	Year	Philippines	Region			
			National Capital Region	Cordillera Administrative Region	1	2
Percent of employed :						
Underemployment Rate	1983	29.8	38.5	a	28.1	27.5
	1984	36.4	45.1	a	41.3	44.7
	1985	22.2	14.7	a	16.9	21.5
	1986	28.4	35.3	a	24.6	24.4
	1987	24.2	14.5	a	26.3	18.3
	1988	23.3	16.0	17.7	29.2	12.8
	1989	23.2	13.7	22.7	28.4	21.7
	1990	22.1	13.1	17.8	22.2	21.4
	1991	22.1	10.1	16.1	24.2	21.4
	1992	19.9	5.9	22.1	10.6	15.6
Visibly Underemployed	1983	...	...	a	...	...
	1984	...	...	a	...	...
	1985	...	...	a	...	...
	1986	...	...	a	...	...
	1987	11.2	4.1	a	18.7	8.5
	1988	11.6	3.4	3.5	14.7	7.1
	1989	11.2	2.4	1.5	12.1	11.8
	1990	10.4	2.6	4.1	9.7	11.0
	1991	10.7	3.5	1.9	12.0	8.5
	1992	9.9	3.2	2.1	6.3	9.8
Agriculture	1983	51.4	1.4	a	58.7	69.3
	1984	49.6	1.2	a	56.4	63.1
	1985	48.9	1.2	a	52.4	61.5
	1986	49.9	1.5	a	57.1	68.9
	1987	47.8	1.9	a	54.5	65.3
	1988	46.1	1.9	56.9	56.2	64.6
	1989	45.1	1.3	60.7	54.4	63.7
	1990	45.2	1.4	62.7	54.2	61.0
	1991	45.3	1.3	61.0	53.6	59.7
	1992	45.4	1.2	66.7	52.5	63.5
Non-agriculture	1983	48.6	98.6	a	41.3	30.7
	1984	50.5	98.8	a	43.6	36.9
	1985	51.6	98.8	a	47.6	38.5
	1986	50.1	98.5	a	42.9	31.1
	1987	52.2	98.1	a	45.5	34.7
	1988	53.9	98.1	43.1	43.8	35.4
	1989	54.9	98.7	39.3	45.6	36.3
	1990	54.8	98.6	37.3	45.8	39.0
	1991	54.0	98.7	39.5	46.4	40.2
	1992	54.6	98.8	33.3	47.5	36.5

a - Data were included in Regions 1 and 2 because Cordillera Administrative Region was not yet recognized.

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

2. Data on household population (15 years and over) from 1982-1986 were based on the old series of population projections adopting the 1970 CPH results. From 1987 onwards, data were based on the new population projection series using medium assumption based on the 1980 CPH results.

3. Data were based on the final results of the October rounds of the Quarterly Labor Force Survey of the Integrated Survey of Households (ISH) using past week as the reference period.

4. The Cordillera Administrative Region (CAR) is composed of the provinces of Abra, Benguet, Ifugao, Kalinga Apayao and Mt. Province. It was only in 1988 that CAR was recognized as a region.

Source: National Statistics Office.

Table 1.1 (continued)

Region									
3	4	5	6	7	8	9	10	11	12
23.2	31.6	35.2	30.2	16.4	36.9	24.8	31.6	31.6	28.2
27.5	31.8	51.2	33.9	21.8	34.0	29.0	31.1	39.2	49.6
20.2	25.1	26.1	28.6	11.7	24.7	19.0	24.4	26.0	32.3
25.0	24.1	35.6	34.0	12.3	28.0	21.4	29.9	40.4	35.4
20.2	26.3	34.1	26.7	9.2	24.4	18.1	28.9	38.1	35.8
16.2	24.6	32.8	32.9	11.5	30.5	12.2	26.2	26.4	35.1
15.5	23.2	35.8	28.1	10.1	27.1	22.3	25.9	28.7	35.3
15.9	21.8	35.2	27.4	5.8	29.1	17.2	27.4	29.5	35.2
18.4	18.9	35.8	28.3	7.4	25.8	23.3	18.8	33.7	40.6
14.2	18.1	31.0	25.3	5.3	20.1	18.3	16.0	27.2	35.6
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
9.6	12.9	15.0	16.4	4.5	10.6	8.8	11.9	16.5	19.0
7.5	12.9	17.2	19.8	7.5	16.6	4.6	12.3	13.3	20.4
7.7	12.5	19.2	16.9	4.8	13.6	8.1	11.9	13.6	21.2
7.2	11.5	17.2	15.6	2.4	13.8	5.5	12.7	14.6	20.8
9.4	9.5	16.1	16.5	3.9	13.6	7.3	8.2	15.8	25.9
5.4	8.7	15.4	15.0	3.0	10.6	8.0	10.2	13.0	24.7
37.5	44.9	62.2	62.6	56.7	66.4	60.8	59.4	61.6	69.9
37.1	41.1	59.2	61.3	52.4	68.1	65.1	55.7	63.1	62.3
38.9	39.3	60.0	57.9	54.0	69.4	73.7	53.7	60.5	57.5
37.5	43.9	56.9	59.7	53.2	66.5	64.4	55.6	59.3	63.7
38.5	41.5	55.8	58.9	51.7	61.2	64.5	55.3	59.7	62.3
37.0	37.9	55.9	57.3	49.3	62.3	61.0	51.9	55.6	60.5
36.0	36.6	53.8	54.0	49.7	62.3	60.2	51.5	53.3	60.6
35.1	38.4	55.4	55.7	48.1	61.2	60.9	54.1	53.6	61.3
34.9	37.7	54.3	56.8	46.3	59.8	61.7	56.2	54.3	69.5
33.4	37.1	54.6	54.6	47.1	60.6	60.3	58.1	54.5	62.7
62.5	55.1	37.8	37.4	43.3	33.6	39.2	40.6	38.4	30.1
62.9	58.9	41.8	38.7	47.6	31.9	34.9	44.3	36.9	37.7
61.1	60.7	40.0	42.1	46.0	30.6	26.3	46.3	39.5	42.5
62.5	56.1	43.1	40.3	46.8	33.5	35.6	44.4	41.7	36.3
61.6	58.5	44.2	41.1	48.3	38.8	35.5	44.7	40.3	37.7
63.0	62.1	44.1	42.7	50.7	37.7	39.0	48.1	44.4	39.5
64.0	63.4	46.2	46.0	50.3	37.7	39.8	48.5	46.7	39.4
64.9	61.6	44.6	44.3	41.9	38.8	39.1	45.9	46.4	38.7
65.1	62.4	45.6	43.1	53.7	40.2	38.4	43.9	45.7	30.5
66.6	62.9	45.4	45.4	52.9	39.4	39.7	41.9	45.5	37.3

5. Underemployment rate is the ratio in percent of the number of employed persons wanting additional work/more hours of work over the total employed persons. Meanwhile, visible underemployment rate is the ratio of employed persons working less than 40 hours a week and wanting additional work or more work over the total employed persons. Note that data from 1981-1986 were based on the third quarters result of the ISH, using past quarter as the reference period. From 1987-1990, data were based on the October survey round using past week as reference period.
6. The distribution of employed persons by two major industry groups from 1981-1986 were based on the third quarter results of the ISH using past quarter as a reference period. Detailed disaggregation for past week reference period started only in 1987.

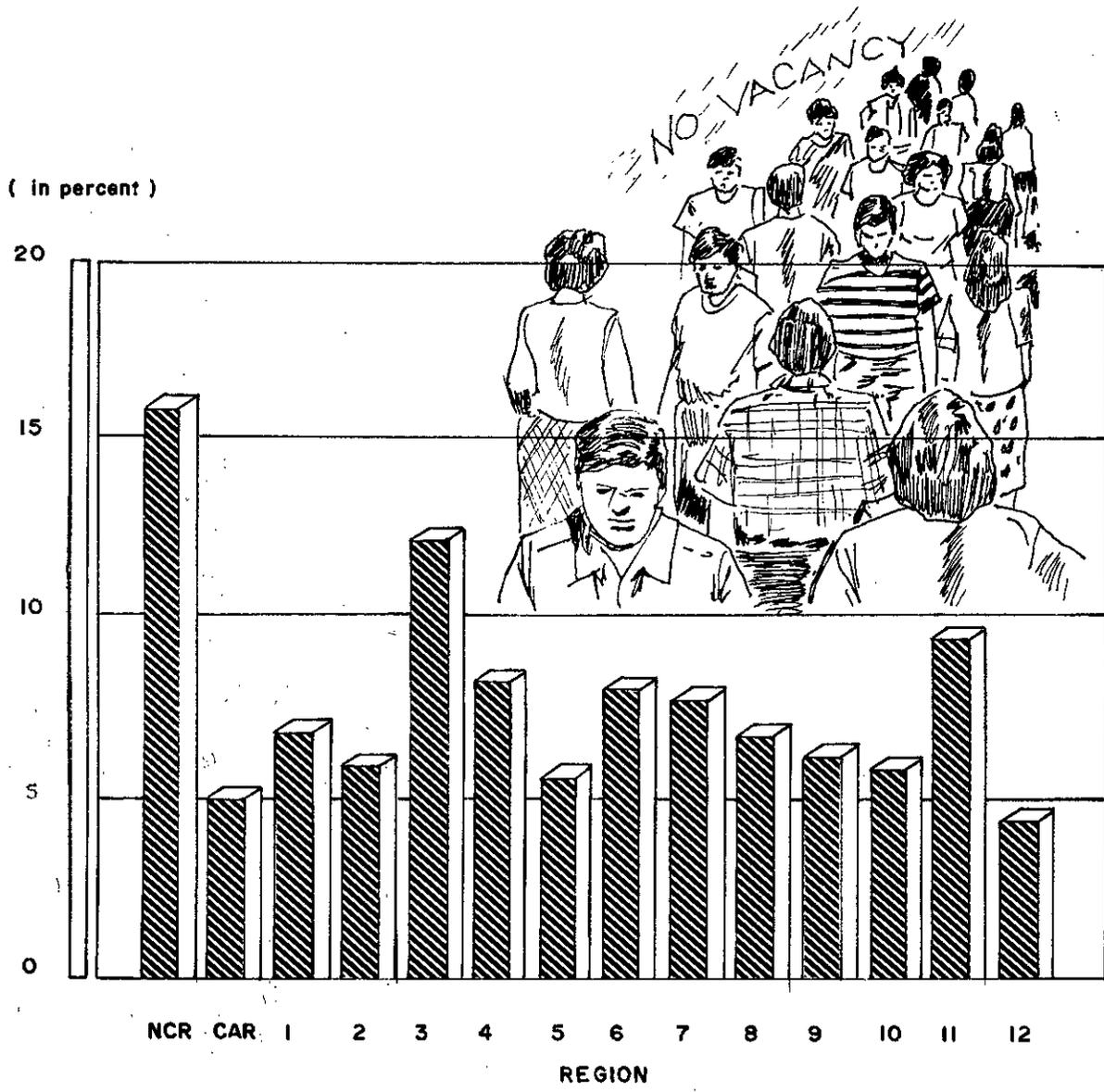
**Table 11.2**  
**LABOR FORCE PARTICIPATION RATE AND EMPLOYMENT STATUS**  
**URBAN AND RURAL: OCTOBER 1982 to 1992**  
*(Numbers are in thousands)*

Year/Area	Labor Force Participation Rate (Percent)	Total Labor Force	Labor Force by Employment Status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
<b>Philippines</b>						
1982	60.1	18,467	16,734	90.6	1,733	9.4
1983	63.6	20,130	18,543	92.1	1,587	7.9
1984	63.5	20,756	18,550	89.4	2,206	10.6
1985	63.4	21,329	18,967	88.9	2,362	11.1
1986	63.8	22,072	19,631	88.9	2,441	11.1
1987	65.7	22,880	20,795	90.9	2,085	9.1
1988	65.4	23,452	21,498	91.7	1,954	8.3
1989	64.4	23,859	21,849	91.6	2,010	8.4
1990	64.5	24,525	22,532	91.9	1,993	8.1
1991	64.5	25,246	22,980	91.0	2,266	9.0
1992	56.2	26,940	24,618	91.4	2,322	8.6
<b>Urban</b>						
1982	57.2	5,824	5,000	85.9	824	14.1
1983	58.0	6,085	5,340	87.8	745	12.2
1984	60.7	7,817	6,578	84.1	1,239	15.8
1985	60.3	8,020	6,699	83.5	1,321	16.5
1986	60.5	8,355	6,860	82.1	1,495	17.9
1987	62.2	8,633	7,463	86.4	1,170	13.6
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	53.9	12,887	11,411	88.5	1,476	11.5
<b>Rural</b>						
1982	61.4	12,643	11,734	92.8	909	7.2
1983	66.4	14,045	13,203	94.0	842	6.0
1984	65.4	12,938	11,971	92.5	967	7.5
1985	65.4	13,309	12,268	92.2	1,041	7.8
1986	66.0	13,717	12,771	93.1	946	6.9
1987	67.9	14,247	13,333	93.6	914	6.4
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	58.6	14,052	13,207	94.0	845	6.0

Notes: 1. Details may not add up to the totals due to rounding.  
 2. Data were based on the final results of the October rounds of the LFS of the ISH using past week as the reference period.

Source: National Statistics Office.

Figure 11.2 Unemployment Rate by Region: 1992



**Table 11.3**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP BY SEX: 1985 TO 1991**  
*(In thousands)*

Major Industry Group and Sex	Third Quarter 1985	Third Quarter 1986	October 1987	April 1988	July 1988	October 1988
<b>Both sexes</b>	<b>19,801</b>	<b>20,595</b>	<b>20,795</b>	<b>21,141</b>	<b>21,356</b>	<b>21,497</b>
Agriculture, fishery and forestry	9,698	10,289	9,940	10,089	9,891	9,920
Mining and quarrying	128	150	146	176	163	157
Manufacturing	1,922	1,905	2,059	2,158	2,250	2,238
Electricity, gas and water	73	62	81	80	80	95
Construction	684	629	759	836	865	858
Wholesale and retail trade	2,611	2,814	2,857	2,788	2,930	2,972
Transportation, storage & communicatio	931	841	946	1,025	1,029	1,049
Financing, insurance, real estate, and business services	342	390	386	406	381	379
Community, social and personal service	3,408	3,516	3,621	3,582	3,765	3,827
Industry not adequately defined or reported	-	-	-	1	1	2
<b>Male</b>	<b>12,519</b>	<b>12,905</b>	<b>13,254</b>	<b>13,579</b>	<b>13,497</b>	<b>13,654</b>
Agriculture, fishery and forestry	7,233	7,570	7,473	7,533	7,365	7,413
Mining and quarrying	120	141	135	162	148	143
Manufacturing	1,003	947	1,108	1,156	1,194	1,192
Electricity, gas and water	59	53	69	65	64	80
Construction	678	622	744	827	853	842
Wholesale and retail trade	860	949	995	1,015	1,019	1,034
Transportation, storage & communicatio	889	810	897	975	981	1,001
Financing, insurance, real estate, and business services	232	251	245	260	239	241
Community, social and personal service	1,446	1,562	1,587	1,584	1,633	1,703
Industry not adequately defined or reported	-	-	-	1	-	2
<b>Female</b>	<b>7,282</b>	<b>7,690</b>	<b>7,542</b>	<b>7,562</b>	<b>7,859</b>	<b>7,843</b>
Agriculture, fishery and forestry	2,465	2,719	2,467	2,556	2,526	2,507
Mining and quarrying	8	9	11	14	16	14
Manufacturing	919	959	950	1,002	1,055	1,046
Electricity, gas and water	14	8	12	15	16	15
Construction	12	6	16	9	12	13
Wholesale and retail trade	1,751	1,865	1,862	1,772	1,911	1,939
Transportation, storage & communicatio	42	30	49	50	47	48
Financing, insurance, real estate, and business services	111	139	141	146	142	138
Community, social and personal service	1,962	1,954	2,034	1,998	2,132	2,124
Industry not adequately defined or reported	-	-	-	-	1	-

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

2. Data from 1985-1986 were based on the household population of 15 years old and over as working age using past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.

Source: National Statistics Office.

Table 11.3 (continued)

January 1989	April 1989	July 1989	October 1989	January 1990	July 1990	October 1990	January 1991	April 1991	July 1991	October 1991
21,552	22,344	21,889	21,849	21,900	22,203	22,532	22,533	23,560	22,586	22,979
9,650	10,205	9,896	9,852	9,750	10,008	10,185	9,999	10,538	10,219	10,403
182	180	156	154	139	116	133	130	150	132	150
2,321	2,309	2,336	2,298	2,309	2,210	2,188	2,292	22,434	2,378	2,391
89	96	96	83	84	91	91	97	102	99	99
949	959	905	911	959	970	974	974	1,033	1,019	1,046
3,010	3,138	3,098	3,074	3,188	3,134	3,145	3,228	3,409	3,065	3,172
1,055	1,082	1,055	1,095	1,062	1,089	1,137	1,170	1,148	1,106	1,143
388	399	405	398	410	451	444	476	467	464	451
3,907	3,965	3,925	3,972	3,983	4,119	4,220	4,159	4,263	4,093	4,116
1	10	16	13	16	14	15	8	15	10	9
13,686	14,116	13,927	13,922	13,979	14,174	14,347	14,295	14,802	14,380	14,642
7,264	7,546	7,468	7,401	7,352	7,540	7,620	7,521	7,786	7,745	7,896
160	158	141	138	121	105	121	120	132	123	138
1,242	1,225	1,183	1,221	1,271	1,190	1,187	1,225	1,268	1,261	1,284
71	78	79	67	68	78	75	83	86	83	84
936	942	892	896	942	946	957	959	1,015	999	1,023
1,054	1,111	1,083	1,077	1,131	1,119	1,142	1,158	1,198	1,048	1,026
1,007	1,030	1,008	1,043	1,017	1,046	1,092	1,117	1,093	1,058	1,095
239	250	248	250	260	274	269	291	284	279	280
1,713	1,766	1,812	1,821	1,804	1,863	1,874	1,816	1,929	1,775	1,807
1	9	13	9	14	14	11	6	11	9	8
7,865	8,228	7,962	7,927	7,921	8,028	8,185	8,237	8,758	8,206	8,337
2,387	2,659	2,428	2,451	2,397	2,468	2,565	2,478	2,752	2,474	2,506
22	22	16	16	18	11	12	9	18	9	12
1,079	1,083	1,153	1,076	1,039	1,020	1,001	1,068	1,167	1,116	1,107
18	18	17	17	15	14	16	14	15	16	15
13	17	13	16	17	24	18	15	19	20	23
1,955	2,028	2,016	1,997	2,058	2,015	2,003	2,070	2,212	2,017	2,146
49	52	47	52	46	43	45	53	55	48	47
149	149	157	147	149	177	175	185	183	186	171
2,193	2,198	2,113	2,151	2,179	2,256	2,346	2,343	2,334	2,318	2,309
-	1	3	3	2	-	4	2	4	1	1

3. Data from October 1987 to October 1991, on the other hand, were derived from the ISH using past week as a reference period.

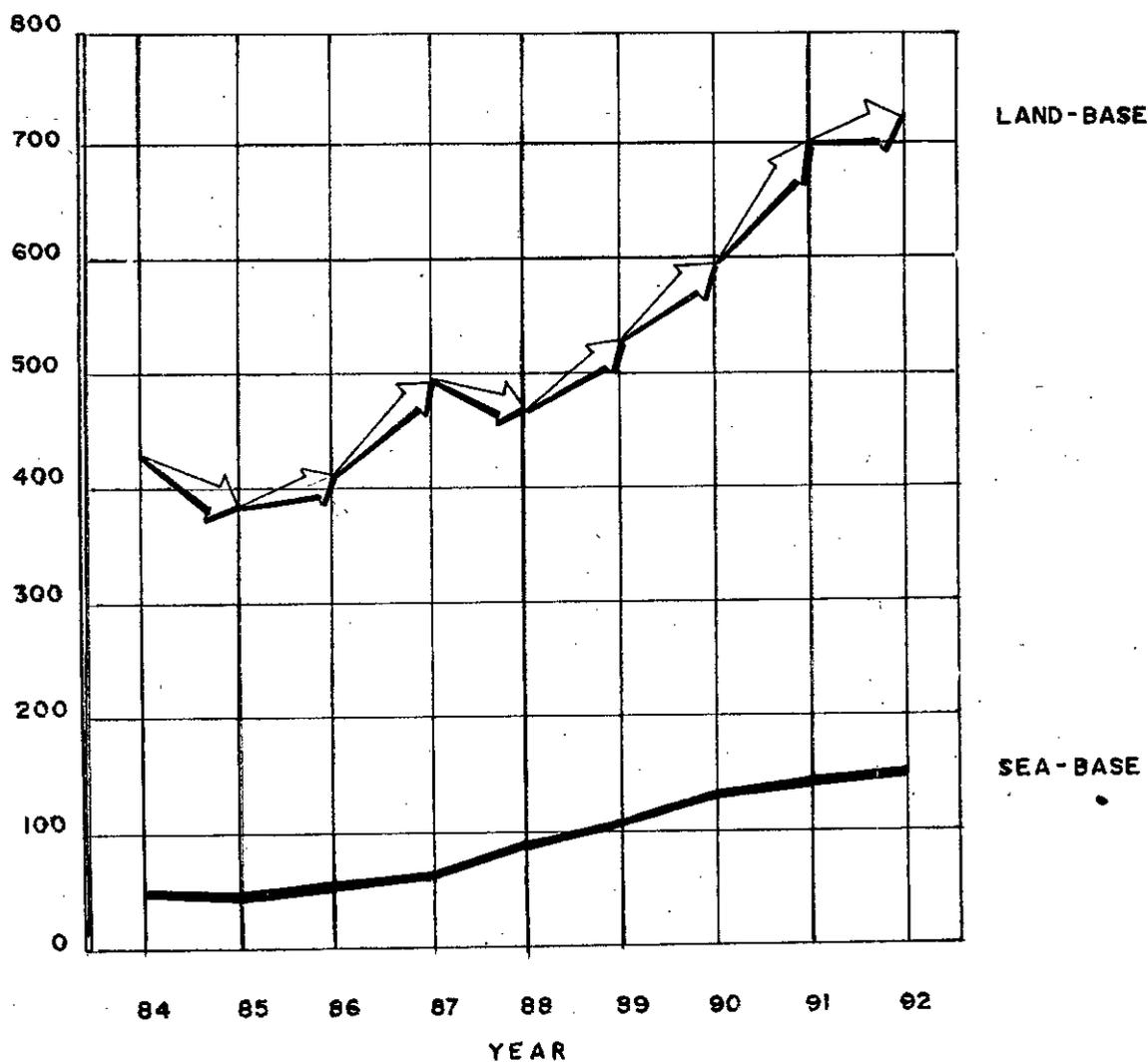
4. Classification of industries were based on the 1977 Philippine Standard Industrial Classification.

**Table 11.3**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP: 1992**  
*(In thousands)*

Major Industry Group	January 1992	April 1992	July 1992	October 1992
	23,032	23,936	23,898	23,917
Agriculture, fishery and forestry	10,297	10,873	10,867	10,869
Mining and quarrying	146	153	146	143
Manufacturing	2,452	2,559	2,535	2,546
Electricity, gas and water	96	93	84	92
Construction	1,084	1,074	1,055	1,035
Wholesale and retail trade	3,177	3,320	3,325	3,283
Transportation, storage & communication	1,150	1,229	1,217	1,221
Financing, insurance, real estate, and business services.	454	427	445	452
Community, social and personal services	4,163	4,193	4,202	4,254
Industry not adequately defined or reported	15	16	23	21

**Figure 11.3** Processed Overseas Contract Workers: 1984 to 1992

*(In thousands)*



**Table 11.4**  
**EMPLOYED PERSONS BY MAJOR INDUSTRY AND**  
**BY MAJOR OCCUPATION GROUP AND BY REGION: OCTOBER 1992**  
*(In thousands)*

Major Industry/Occupation Group	Total	Region			
		National Capital Region	Cordillera Administrative Region	1	2
<b>Industry</b>	<b>23,917</b>	<b>2,905</b>	<b>498</b>	<b>1,321</b>	<b>1,054</b>
Agriculture, fishery and forestry	10,869	36	332	693	669
Mining and quarrying	143	4	33	5	1
Manufacturing	2,546	627	11	103	61
Electricity, gas and water	92	18	2	4	2
Construction	1,035	190	14	64	20
Wholesale and retail trade	3,283	619	30	140	95
Transportation, storage and communication	1,221	258	12	72	33
Financing, insurance, real estate & business services	452	199	2	13	7
Community, social and personal services	4,254	954	62	225	165
Industry not adequately defined or reported	21	-	1	3	1
<b>Occupation</b>	<b>23,917</b>	<b>2,905</b>	<b>498</b>	<b>1,321</b>	<b>1,054</b>
Professional, technical and related workers	1,392	279	27	89	64
Administrative, executive and managerial worker	284	82	3	14	8
Clerical and related workers	979	318	13	37	28
Sales worker	3,195	596	29	134	101
Service worker	2,210	603	19	101	66
Agricultural, animal husbandry and forestry workers; fishermen and hunters	10,745	24	335	690	670
Production and related workers, transport equipment operators and laborers	5,067	1,004	17	254	118
Occupation not adequately defined or reported	44	-	2	3	-

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

2. Data were based on the final results of the October rounds of the Quarterly Labor Force Survey of the ISH using past week reference period.

Source: National Statistics Office.

Table 11.4 (continued)

Region									
3	4	5	6	7	8	9	10	11	12
2,215	3,168	1,772	2,184	1,827	1,332	924	1,518	1,743	845
740	1,174	968	1,192	861	807	557	882	950	530
8	12	28	7	9	3	8	10	17	-
285	528	175	154	205	79	37	102	107	44
11	14	10	9	5	5	4	4	4	2
176	195	63	57	95	35	22	34	55	14
341	436	218	294	269	148	111	180	249	111
157	208	61	81	76	49	44	76	61	27
50	62	15	25	20	11	6	16	23	3
443	538	233	367	283	195	131	215	275	114
6	1	2	-	4	1	2	-	-	-
2,215	3,168	1,772	2,184	1,827	1,332	924	1,518	1,743	845
138	187	83	108	84	72	42	64	84	36
35	42	16	19	13	12	4	10	19	7
101	150	47	69	52	34	25	35	44	22
326	433	212	289	253	145	105	185	242	105
245	274	116	199	149	83	52	100	142	48
725	1,165	962	1,175	840	805	551	870	926	529
629	911	333	327	435	179	141	247	284	97
16	6	4	1	-	1	4	6	1	1

**Table 11.5**  
**EMPLOYED PERSONS BY MAJOR OCCUPATION GROUP BY SEX**  
**1985 to 1991**  
*(In thousands)*

Major Occupation Group and Sex	Third Quarter 1985	Third Quarter 1986	October 1987	April 1988	July 1988	October 1988
<b>Both Sexes</b>	<b>19,801</b>	<b>20,595</b>	<b>20,795</b>	<b>21,141</b>	<b>21,356</b>	<b>21,497</b>
Professional, technical and related workers	1,179	1,144	1,167	1,107	1,164	1,199
Administrative, executive and managerial workers	187	182	181	198	184	171
Clerical workers	831	845	896	918	855	899
Sales workers	2,558	2,756	2,757	2,694	2,841	2,867
Service workers	1,643	1,615	1,783	1,815	1,954	1,944
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	9,580	10,179	9,858	9,991	9,789	9,798
Production and related workers, transport equipment operators and laborers	3,817	3,873	4,152	4,418	4,567	4,619
Occupation not adequately defined or reported	5	1	2	1	2	1
<b>Male</b>	<b>12,519</b>	<b>12,905</b>	<b>13,254</b>	<b>13,579</b>	<b>13,497</b>	<b>13,654</b>
Professional, technical and related workers	382	386	420	402	431	446
Administrative, executive and managerial workers	147	143	134	138	137	128
Clerical workers	392	404	438	427	392	411
Sales workers	839	902	931	959	957	962
Service workers	680	656	701	751	763	775
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	7,136	7,473	7,395	7,441	7,270	7,307
Production and related workers, transport equipment operators and laborers	2,940	2,942	3,232	3,460	3,547	3,625
Occupation not adequately defined or reported	4	-	2	1	1	1
<b>Female</b>	<b>7,282</b>	<b>7,690</b>	<b>7,542</b>	<b>7,562</b>	<b>7,859</b>	<b>7,843</b>
Professional, technical and related workers	797	758	746	705	733	753
Administrative, executive and managerial workers	41	39	46	59	47	43
Clerical workers	439	441	458	491	463	489
Sales workers	1,719	1,855	1,826	1,734	1,884	1,904
Service workers	964	959	1,082	1,064	1,194	1,169
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,444	2,707	2,463	2,550	2,520	2,491
Production and related workers, transport equipment operators and laborers	877	931	920	958	1,020	994
Occupation not adequately defined or reported	1	1	-	-	-	-

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

2. From third quarters of 1981-1986, household population adopted 15 years old and over as working age using past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.

3. Data for October 1987 to January 1990 were derived from the ISH using past week as a reference period.

Source: National Statistics Office.

Table 11.5 (continued)

January 1989	April 1989	July 1989	October 1989	January 1990	July 1990	October 1990	January 1991	April 1991	July 1991	October 1991
21,551	22,344	21,889	21,849	21,900	22,203	22,532	22,533	23,560	22,586	22,979
1,224	1,222	1,328	1,301	1,340	1,406	1,401	1,412	1,363	1,308	1,344
177	189	189	207	216	234	264	277	304	270	277
886	921	949	943	975	956	981	1,010	1,027	892	944
2,900	3,033	2,974	2,999	3,027	3,014	3,025	3,100	3,308	2,969	3,109
2,024	2,036	1,892	1,943	1,957	1,983	2,084	2,059	2,102	2,109	2,099
9,528	10,078	9,762	9,720	9,608	9,909	10,037	9,875	10,407	10,089	10,274
4,809	4,825	4,758	4,691	4,744	4,656	4,634	4,752	5,023	4,925	4,903
4	41	37	46	33	44	99	47	24	24	28
13,686	14,116	13,927	13,922	13,979	14,174	14,347	14,295	14,802	14,380	14,642
452	459	495	469	496	517	516	500	494	475	490
133	139	144	156	169	168	191	203	217	196	194
402	423	425	428	456	428	451	457	466	417	439
974	1,029	976	998	1,008	1,041	1,048	1,064	1,115	952	977
810	819	836	848	844	863	874	868	895	839	890
7,152	7,438	7,343	7,296	7,234	7,462	7,504	7,417	7,678	7,639	7,780
3,761	3,783	3,678	3,697	3,751	3,667	3,708	3,755	3,918	3,848	3,852
3	27	29	30	22	29	57	32	18	14	20
7,865	8,228	7,962	7,927	7,921	8,028	8,185	8,237	8,758	8,206	8,337
772	763	833	831	844	889	886	913	869	833	854
44	50	44	51	47	66	73	74	86	74	82
484	498	524	516	518	529	537	553	560	475	505
1,925	2,005	1,998	2,001	2,019	1,973	1,977	2,036	2,193	2,018	2,132
1,214	1,217	1,056	1,094	1,114	1,120	1,209	1,191	1,208	1,269	1,209
2,376	2,640	2,419	2,424	2,375	2,447	2,534	2,458	2,729	2,450	2,495
1,049	1,042	1,080	994	993	989	926	997	1,106	1,077	1,051
-	14	8	16	11	15	42	15	7	10	8

**Table 11.6**  
**NUMBER OF UNEMPLOYED PERSONS BY SEX, REGION AND AREA**  
**OCTOBER 1982 TO 1992**  
*(In thousands)*

Year	Philippines			NCR			CAR			ARMM		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>												
1982	1,733	1,018	715	440	262	178	a	a	a	b	b	b
1983	1,587	983	605	357	222	135	a	a	a	b	b	b
1984	2,206	1,390	817	586	397	189	a	a	a	b	b	b
1985	2,362	1,473	889	720	478	243	a	a	a	b	b	b
1986	2,441	1,568	873	794	527	267	a	a	a	b	b	b
1987	2,085	1,163	922	534	334	200	a	a	a	b	b	b
1988	1,954	1,131	823	519	337	182	22	10	13	b	b	b
1989	2,010	1,101	909	480	300	180	22	13	9	b	b	b
1990	1,993	1,099	893	447	276	170	20	12	8	b	b	b
1991	2,266	1,290	977	517	332	186	23	10	13	b	b	b
1992	2,322	1,341	980	549	343	206	27	13	15	13	2	10
<b>Urban</b>												
1982	824	504	320	440	262	178	a	a	a	b	b	b
1983	745	486	260	357	222	135	a	a	a	b	b	b
1984	1,239	829	410	586	397	189	a	a	a	b	b	b
1985	1,321	395	426	720	478	243	a	a	a	b	b	b
1986	1,495	999	496	794	527	267	a	a	a	b	b	b
1987	1,170	726	444	534	334	200	a	a	a	b	b	b
1988	1,089	687	402	519	337	182	3	2	2	b	b	b
1989	1,062	653	419	480	300	180	7	4	3	b	b	b
1990	1,081	651	430	447	276	170	10	7	3	b	b	b
1991	1,470	899	571	517	332	186	10	6	4	b	b	b
1992	1,476	914	563	549	343	206	15	8	7	2	1	1
<b>Rural</b>												
1982	909	514	395	-	-	-	a	a	a	b	b	b
1983	842	497	345	-	-	-	a	a	a	b	b	b
1984	967	560	407	-	-	-	a	a	a	b	b	b
1985	1,041	578	463	-	-	-	a	a	a	b	b	b
1986	946	569	377	-	-	-	a	a	a	b	b	b
1987	914	437	478	-	-	-	a	a	a	b	b	b
1988	865	444	421	-	-	-	19	8	11	b	b	b
1989	948	449	499	-	-	-	15	9	6	b	b	b
1990	912	449	463	-	-	-	10	5	5	b	b	b
1991	797	392	406	-	-	-	14	4	9	b	b	b
1992	845	428	418	-	-	-	12	5	7	11	1	10

a - Data included in Regions 1 and 2 because Cordillera Administrative Region (CAR) was not yet recognized.

b - Data included in Regions 9 and 12 because Autonomous Region of Muslim Mindanao (ARMM) was not yet recognized.

Notes: 1. Details may not add up to totals due to rounding of the Quarterly Labor Force Survey/ISH using past week as a reference period.

2. Data were based on the results of the October rounds.

Source: National Statistics Office

Table 11.6 (continued)

Year	Region 1			Region 2			Region 3			Region 4		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>												
1982	83	48	35	49	23	26	235	147	89	223	131	91
1983	104	66	38	52	26	26	246	160	86	210	143	67
1984	127	74	53	82	42	40	251	177	74	276	171	105
1985	133	78	55	67	37	30	235	158	77	332	224	109
1986	136	96	41	67	35	33	233	168	66	288	184	104
1987	147	85	62	53	21	32	280	166	114	244	135	109
1988	100	57	45	48	26	22	215	137	78	253	151	102
1989	96	57	39	47	19	28	223	127	96	272	159	113
1990	101	64	37	47	25	23	238	144	94	280	157	122
1991	109	59	50	80	42	38	293	181	112	343	212	129
1992	100	55	45	69	36	33	313	203	109	293	169	125
<b>Urban</b>												
1982	23	16	7	5	3	2	69	41	28	75	47	28
1983	26	14	12	8	5	3	70	48	22	78	57	21
1984	52	31	21	20	8	12	130	102	28	123	80	43
1985	36	28	9	18	11	8	116	87	29	125	90	35
1986	53	40	13	14	7	7	119	89	30	140	92	47
1987	55	37	18	10	5	5	128	86	42	109	72	37
1988	31	23	8	9	5	4	105	72	33	119	73	46
1989	32	23	9	12	6	6	111	71	40	115	74	41
1990	25	18	7	11	7	4	134	87	48	123	80	43
1991	58	34	25	19	11	8	199	126	73	219	143	76
1992	47	30	17	16	9	7	194	131	62	180	109	71
<b>Rural</b>												
1982	60	32	28	44	20	24	166	105	61	147	84	63
1983	78	51	26	44	21	23	176	112	64	132	87	46
1984	75	43	32	62	34	28	121	75	45	153	91	62
1985	96	50	46	48	26	22	119	71	48	207	133	74
1986	83	56	27	53	28	25	115	79	36	148	92	56
1987	91	48	44	43	16	27	152	80	72	135	63	72
1988	71	34	37	40	21	19	110	65	45	134	78	56
1989	64	34	31	37	13	24	112	55	57	157	84	72
1990	77	46	30	37	18	19	104	58	47	157	78	79
1991	50	25	26	61	32	29	94	55	40	124	69	54
1992	53	25	28	54	28	26	119	72	47	114	60	54

**Table 11.6**  
**NUMBER OF UNEMPLOYED PERSONS BY SEX, REGION AND AREA**  
**OCTOBER 1982 TO 1992 (continued)**  
*(In thousands)*

Year	Region 5			Region 6			Region 7			Region 8		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
<b>Total</b>												
1982	83	50	33	167	103	63	110	67	42	58	27	32
1983	72	40	32	126	78	48	85	53	32	56	26	31
1984	117	71	47	198	128	70	89	62	27	138	63	75
1985	102	53	48	184	113	71	126	78	48	109	42	67
1986	116	65	51	219	129	90	103	73	30	77	39	38
1987	91	48	43	167	92	75	131	84	47	106	47	59
1988	95	43	52	153	83	70	105	65	40	86	36	50
1989	107	51	56	183	100	83	107	63	44	113	42	71
1990	98	46	52	170	92	78	139	65	73	84	39	45
1991	107	42	65	167	80	87	149	86	63	84	39	44
1992	108	50	57	196	109	87	159	98	61	99	50	48
<b>Urban</b>												
1982	17	11	6	54	35	19	46	27	18	16	10	6
1983	15	8	7	45	32	13	51	34	17	11	7	4
1984	40	25	15	61	42	19	52	40	12	43	22	21
1985	41	25	16	60	43	17	65	46	18	23	13	10
1986	41	25	16	78	50	28	61	49	12	26	15	11
1987	36	21	15	78	47	31	75	49	26	29	16	13
1988	39	23	16	49	26	23	66	43	23	26	13	13
1989	43	26	17	61	38	23	50	30	20	26	11	15
1990	40	20	20	56	33	23	76	39	37	25	12	13
1991	34	15	20	81	49	33	94	59	34	33	14	18
1992	35	20	15	94	59	35	90	62	28	47	25	22
<b>Rural</b>												
1982	66	39	27	113	69	44	64	40	24	42	17	26
1983	56	31	25	81	46	35	34	19	15	45	19	26
1984	78	46	32	137	85	51	37	22	15	95	41	54
1985	61	28	32	124	70	53	61	31	30	86	29	57
1986	75	40	35	141	78	63	42	24	18	51	24	28
1987	55	27	28	89	45	44	56	35	21	77	31	46
1988	56	20	36	104	57	47	39	22	17	60	23	37
1989	64	25	39	122	62	60	57	33	24	87	31	56
1990	57	26	32	114	58	55	63	27	36	59	27	32
1991	73	28	45	86	31	54	55	26	29	51	25	26
1992	73	30	43	101	50	51	69	36	32	52	25	27

Table 11.6 (continued)

Year	Region 9			Region 10			Region 11			Region 12		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1982	64	31	33	80	46	34	95	56	39	46	26	20
1983	68	41	27	93	61	32	87	50	37	32	18	14
1984	43	29	14	114	63	52	143	88	56	42	26	15
1985	72	55	17	111	73	38	120	62	58	51	23	28
1986	71	34	37	122	72	50	162	109	53	52	38	14
1987	66	37	29	98	41	57	118	50	68	50	25	25
1988	57	30	27	108	62	46	140	71	69	50	24	26
1989	61	27	34	103	45	58	135	69	66	56	27	29
1990	67	27	40	111	59	52	138	68	69	51	22	29
1991	58	34	23	121	71	50	153	69	84	67	34	33
1992	62	35	28	98	50	48	192	103	88	44	24	20
Urban												
1982	17	12	5	26	18	8	30	17	12	6	4	2
1983	16	11	5	27	20	7	28	19	9	14	10	4
1984	10	8	2	33	19	15	77	47	30	11	9	3
1985	17	15	2	32	21	11	57	34	23	10	4	6
1986	25	11	14	42	25	17	88	60	28	16	9	7
1987	14	9	5	34	18	16	59	29	30	10	4	6
1988	17	12	5	34	19	15	62	35	27	10	4	6
1989	16	7	9	22	13	9	74	42	32	13	6	7
1990	14	8	6	31	19	12	73	40	33	17	6	11
1991	23	15	8	62	35	27	92	46	46	30	15	15
1992	22	15	7	43	24	18	118	63	54	24	15	9
Rural												
1982	47	19	28	54	27	26	65	28	26	40	22	18
1983	52	30	22	66	41	25	59	31	28	18	8	10
1984	33	21	12	81	44	37	66	40	26	30	18	13
1985	55	40	15	79	52	27	63	28	35	41	19	22
1986	46	23	23	81	47	34	74	49	25	36	29	7
1987	52	28	24	64	23	41	59	21	38	40	21	19
1988	40	18	22	74	43	31	78	36	42	40	20	20
1989	45	20	25	81	32	49	61	27	34	43	21	22
1990	53	19	34	81	41	40	65	29	35	34	16	18
1991	33	19	14	59	36	23	61	22	39	37	20	18
1992	38	21	17	55	26	30	74	40	34	20	9	11

**Table 11.7**  
**NOMINAL AND REAL BASIC MINIMUM WAGE RATES IN THE**  
**AGRICULTURAL AND NON-AGRICULTURAL SECTORS,**  
**BY REGION: 1992**  
*(In pesos)*

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
National Capital Region	118.00	108.00	97.50	68.49	62.68	56.59
Cordillera Administrative Region						
a) Abra, Benguet, Mt. Province	106.00	95.00	73.50	66.42	59.52	46.05
b) Ifugao, Kalinga Apayao	97.00	87.00	66.50	60.78	54.51	41.67
Region 1 - Ilocos Region	109.00	98.00	76.50	67.62	60.79	47.46
Region 2 - Cagayan Valley						
a) Isabela	101.00	91.00	70.50	61.74	55.62	43.09
b) Cagayan	99.00	89.00	68.50	60.51	54.40	41.87
c) Nueva Vizcaya, Quirino	97.00	87.00	66.50	59.29	53.18	40.65
Region 3 - Central Luzon						
a) For establishments employing more than 20 workers	112.00	102.00	81.50	69.35	63.16	50.46
b) For establishments employing 20 workers and below	110.00	100.00	79.50	68.11	61.92	49.23
Region 4 - Southern Tagalog						
a) Batangas, Cavite, Laguna, Rizal, Quezon	113.00	103.00	82.50	68.44	62.39	49.97
b) Other provinces	106.00	96.00	75.50	64.20	58.15	45.73
Region 5 - Bicol Region	106.00	95.00	75.50	63.93	57.30	45.54
Region 6 - Western Visayas	102.35	86.90	64.35	61.43	52.16	38.63
Region 7 - Central Visayas						
a) Cities of Cebu, Mandaue, Lapu-lapu	110.73	100.73	80.23	62.52	56.88	45.30
b) Cities of Toledo, Danao, Tagbilaran, Bais, Canlaon and Dumaguete	100.82	90.82	70.32	56.93	51.28	39.71
c) For other cities and municipalities of Bohol, Cebu, Negros Or. and province of Siquijor	93.00	83.00	62.50	52.51	46.87	35.29
Region 8 - Eastern Visayas						
a) Province of Leyte	101.67	91.67	71.17	62.64	56.48	43.85
b) Provinces of Eastern Samar, Northern Samar, Western Samar, and Southern Leyte	97.67	87.67	67.17	60.18	54.02	41.39

Table 11.7 (continued).

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
<b>Region 9 - Western Mindanao</b>						
a) Zamboanga City	102.00	92.00	71.50	62.50	56.37	43.81
b) Zamboanga del Norte and del Sur	100.00	90.00	69.50	61.27	55.15	42.59
c) Basilan	97.00	87.00	66.50	59.44	53.31	40.75
d) Sulu and Tawi-tawi	89.00	79.00	58.50	54.53	48.41	35.85
<b>Region 10 - Northern Mindanao</b>						
a) Agusan del Norte, Bukidnon, and Misamis Oriental	102.00	92.00	71.50	64.03	57.75	44.88
b) Agusan del Sur, Misamis Occ. and Surigao del Norte	100.00	90.00	69.50	62.77	56.50	43.63
c) Camiguin	98.00	88.00	67.50	61.52	55.24	42.37
<b>Region 11 - Southern Mindanao</b>						
a) Cities of Davao and Gen. Santos	104.00	94.00	73.50	68.97	62.33	48.74
b) South Cotabato, Davao del Sur and Davao del Norte	102.00	92.00	71.50	67.64	61.01	47.41
c) Davao Oriental	100.00	90.00	69.50	66.31	59.68	46.09
d) Surigao del Sur	99.00	89.00	68.50	65.65	59.02	45.42
<b>Region 12 - Central Mindanao</b>						
a) Iligan City	103.00	93.00	72.50	61.64	55.66	43.39
b) Cotabato City	102.00	92.00	71.50	61.04	55.06	42.79
c) Lanao del Norte and Marawi City	101.00	91.00	70.50	60.44	54.46	42.19
d) Sultan Kudarat and North Cotabato	99.00	89.00	68.50	59.25	53.26	40.99
e) Lanao del Sur and Maguindanao	89.00	79.00	58.50	53.26	47.28	35.01

Notes: 1. Deflators used are the corresponding regional Consumer Price Index (CPI).

2. Excludes 13th month pay daily equivalent.

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

**Table 11.8**  
**PROCESSED OVERSEAS CONTRACT WORKERS**  
**1984 TO 1992**

Year	Total	Land-based	Sea-based
1984	425,081	371,065	54,016
1985	389,200	337,754	51,446
1986	414,461	357,687	56,774
1987	496,854	425,881	70,973
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

Source: Philippine Overseas Employment Administration.

**Table 11.9**  
**DEPLOYED OVERSEAS CONTRACT WORKERS**  
**1984 to 1992**

Year	Total	Land-based	Sea-based
1984	350,982	300,378	50,604
1985	372,784	320,494	52,290
1986	378,214	323,517	54,697
1987	449,271	382,229	67,042
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

Source: Philippine Overseas Employment Administration.

**Table 11.10 - DEPLOYED LAND-BASED CONTRACT WORKERS**  
**BY MAJOR WORLD GROUPINGS: 1984 to 1992**

Year	Total	Africa	Asia	Europe	Middle East	Oceania	The Americas	Trust Territories
1984	300,378	1,843	38,817	3,683	250,210	913	2,515	2,397
1985	320,494	1,977	52,838	4,067	253,867	953	3,744	3,048
1986	323,517	1,847	72,536	3,693	236,434	1,080	4,035	3,892
1987	382,229	1,856	90,434	5,643	272,038	1,271	5,614	5,373
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	470,308	2,328	120,803	13,479	310,486	1,526	11,210	10,476

Source: Philippine Overseas Employment Administration.

Note: Values for 1992 are from January to November only.

Figure 11.4 Deployed Overseas Contract Workers: 1984 to 1992

( in thousands )

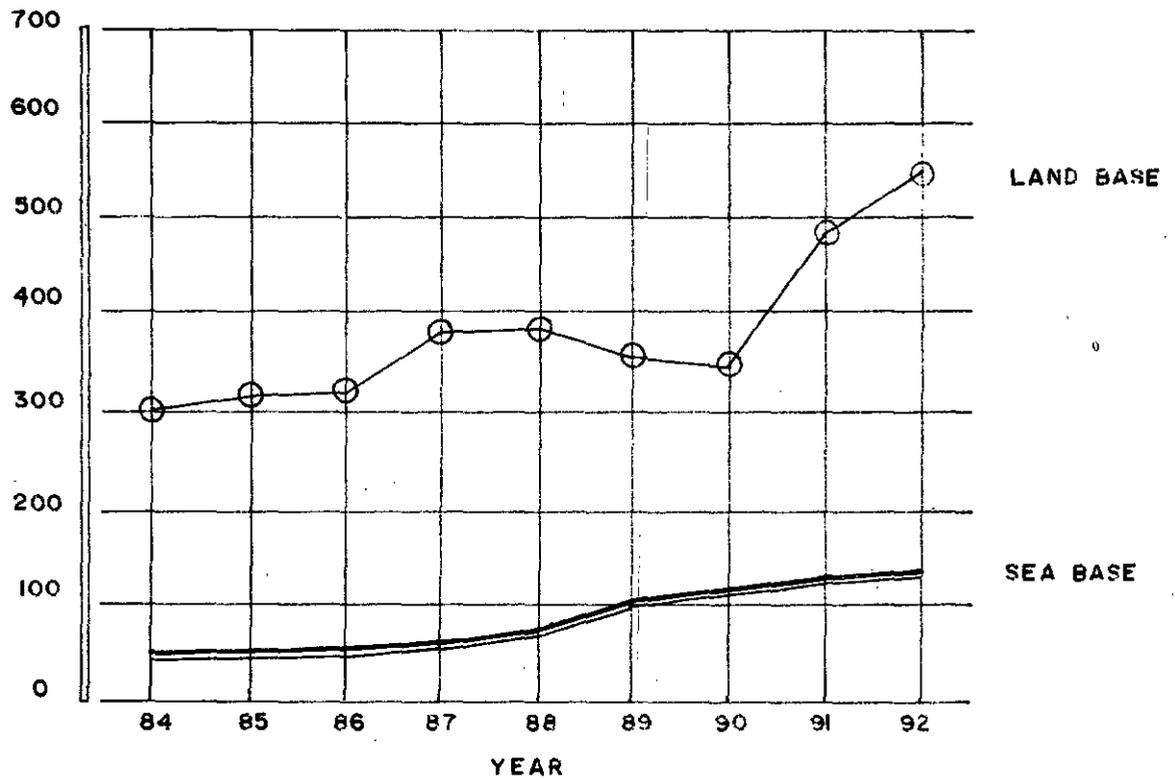


Figure 11.5 Deployed Land-Based Contract Workers by Major World Groupings: 1984 to 1992

( in thousands )

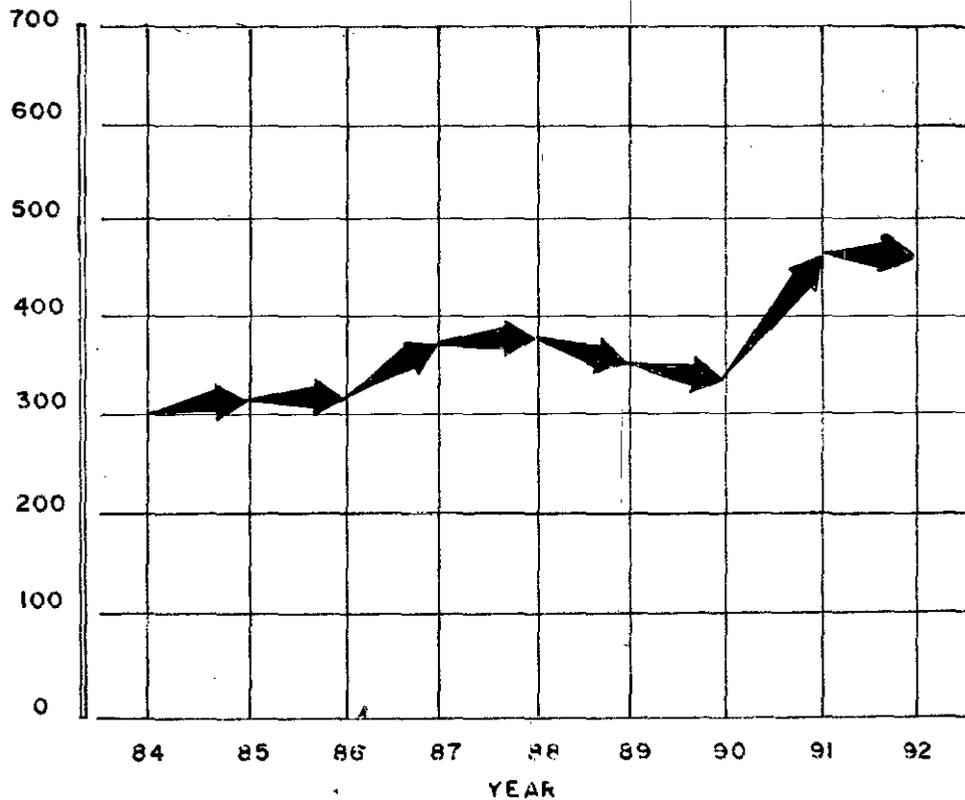


Table 11.11

**NUMBER AND MEMBERSHIP OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS BY REGION: 1982 TO 1992**

Year	Philippines		NCR		CAR		Region 1		Region 2	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1982	1,693	466,985	1,055	253,345	a	a	40	16,757	13	4,308
1983	1,538	427,146	972	229,610	a	a	33	15,807	12	5,011
1984	1,680	451,086	1,078	247,230	a	a	34	16,118	12	5,011
1985	1,868	477,687	1,197	263,574	a	a	46	17,291	12	5,011
1986	2,217	517,038	1,389	281,701	a	a	57	18,475	15	5,368
1987	2,723	594,157	1,747	342,792	a	a	66	19,310	20	5,584
1988	3,321	648,672	1,993	393,662	34	15,770	46	8,938	23	4,721
1989	3,934	733,327	2,300	430,125	40	17,900	58	9,583	26	4,990
1990	4,485	813,693	2,625	476,036	50	18,656	55	8,242	36	4,918
1991	5,081	864,733	2,885	499,793	58	19,978	72	10,080	42	5,162
1992	6,127	3,173,714	3,467	2,428,207	69	20,534	79	11,028	43	5,474

Year	Region 3		Region 4		Region 5		Region 6		Region 7	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1982	125	49,820	146	34,718	44	4,745	35	15,085	45	28,098
1983	113	42,106	151	34,340	40	4,204	25	13,785	36	12,019
1984	122	42,624	159	35,336	42	4,292	28	14,839	39	12,416
1985	132	43,348	175	37,519	47	4,657	33	15,854	39	12,416
1986	162	45,642	211	43,386	59	5,602	40	16,900	58	15,689
1987	197	49,341	240	49,511	72	6,474	47	17,553	81	17,790
1988	206	51,095	274	54,930	84	7,282	95	16,513	98	12,552
1989	256	58,443	325	61,545	122	9,377	155	25,231	128	15,826
1990	290	62,059	394	68,707	140	10,737	194	27,534	149	18,305
1991	312	65,273	447	74,331	160	11,003	208	28,667	191	20,355
1992	373	137,156	570	91,572	188	12,940	254	218,824	231	74,585

Year	Region 8		Region 9		Region 10		Region 11		Region 12	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1982	32	4,140	13	1,544	43	23,317	72	24,181	30	6,927
1983	26	3,706	13	1,833	33	26,942	58	32,163	26	5,620
1984	28	3,761	14	1,971	37	27,327	60	34,511	27	5,650
1985	30	3,869	16	2,407	45	30,595	66	35,212	30	5,934
1986	43	4,927	21	3,057	49	30,872	77	38,004	36	6,415
1987	52	5,598	27	3,770	54	31,276	82	38,539	38	6,619
1988	64	7,468	32	4,269	139	32,206	148	27,798	85	11,468
1989	74	8,305	42	15,081	158	34,473	159	30,103	91	12,345
1990	70	11,769	48	15,598	172	36,113	149	40,629	113	14,390
1991	77	12,259	99	16,628	245	44,334	169	43,025	116	13,845
1992	92	18,583	118	17,476	284	53,745	209	67,421	150	16,169

a - Data were included in Regions 1 and 2 because CAR was not yet recognized.

Source: Bureau of Labor Relations

**Table 11.12**  
**COLLECTIVE BARGAINING AGREEMENT FILED AND**  
**WORKERS COVERED BY REGION: 1983 TO 1992**

Year	Philippines		NCR		CAR		Region 1		Region 2	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1983	931	108,637	645	70,737	a	a	1	276	4	2,781
1984	818	94,856	575	58,453	a	a	3	3,450	3	489
1985	1,086	110,897	721	60,339	a	a	2	NR	-	-
1986	1,128	144,002	770	84,499	a	a	17	684	9	1,992
1987	1,459	146,165	977	86,174	a	a	18	8,906	1	102
1988	1,434	115,857	1,106	79,843	...	...	10	824	-	-
1989	1,874	146,807	1,527	87,177	...	...	11	2,519	1	57
1990	2,481	230,025	1,862	126,712	10	5,304	7	1,130	5	...
1991	1,457	155,995	1,045	95,149	5	178	6	1,695	2	134
1992	949 *	91,395 *	482	31,499	3	68	5	1,111	2	254

Year	Region 3		Region 4		Region 5		Region 6		Region 7	
	CBAs	Workers Covered								
1983	21	2,774	61	6,556	2	157	71	12,326	64	4,474
1984	19	2,710	44	9,382	1	58	47	5,138	58	4,642
1985	19	2,443	39	7,139	3	174	82	7,604	143	10,130
1986	37	12,159	37	7,700	1	150	64	8,704	118	14,564
1987	42	2,959	69	10,785	5	521	57	5,500	188	13,882
1988	17	904	59	7,842	3	227	53	7,197	122	11,441
1989	41	3,458	49	10,845	22	743	47	8,682	106	12,995
1990	84	11,919	89	16,366	20	2,864	49	9,430	136	18,705
1991	27	3,036	96	19,473	12	4,200	61	10,329	107	10,821
1992	35	6,947	45	8,658	7	554	49	10,309	81	6,874

Year	Region 8		Region 9		Region 10		Region 11		Region 12	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1983	-	-	1	156	19	2,573	36	5,561	6	266
1984	2	262	6	622	15	2,701	43	6,772	2	177
1985	3	760	3	165	22	3,826	41	17,804	8	513
1986	1	297	4	274	15	3,233	46	8,623	9	1,123
1987	3	981	8	554	26	2,412	58	13,062	7	327
1988	2	77	6	449	17	2,103	36	4,865	3	85
1989	6	181	-	-	16	5,649	46	14,501	2	...
1990	43	3,829	8	2,018	66	10,835	89	20,404	13	509
1991	14	1,124	9	780	18	1,638	49	6,841	6	597
1992	2	1,069	15	2,912	13	2,893	32	3,217	6	364

a - Data were included in Regions 1 and 2 because CAR was not yet recognized.

\* Details will not add up due to the absence of regional breakdown for November and December.

Sources: Bureau of Labor Relations, DOLE

**Table 11.13**  
**NUMBER OF STRIKE NOTICES FILED, ACTUAL STRIKES,**  
**WORKERS INVOLVED AND MAN-DAYS LOST**  
**PHILIPPINES: 1980 TO 1992**

Year	Strike/Lockout Notices Filed	Actual Strikes				
		Total	With Notices	Without Notices	Workers Involved	Man-days Lost (000)
1980	362	62	31	31	20,902	105
1981	784	260	155	105	98,585	796
1982	743	158	119	39	53,824	1,670
1983	705	155	113	42	33,638	394
1984	960	282	239	43	65,306	1,908
1985	1,175	371	309	62	111,265	2,458
1986	1,613	581	459	122	169,479	3,638
1987	1,715	436	365	71	89,574	1,908
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

Sources: Bureau of Labor and Employment Statistics, DOLE  
National Conciliation and Mediation Board

# 12 SOCIAL SERVICES

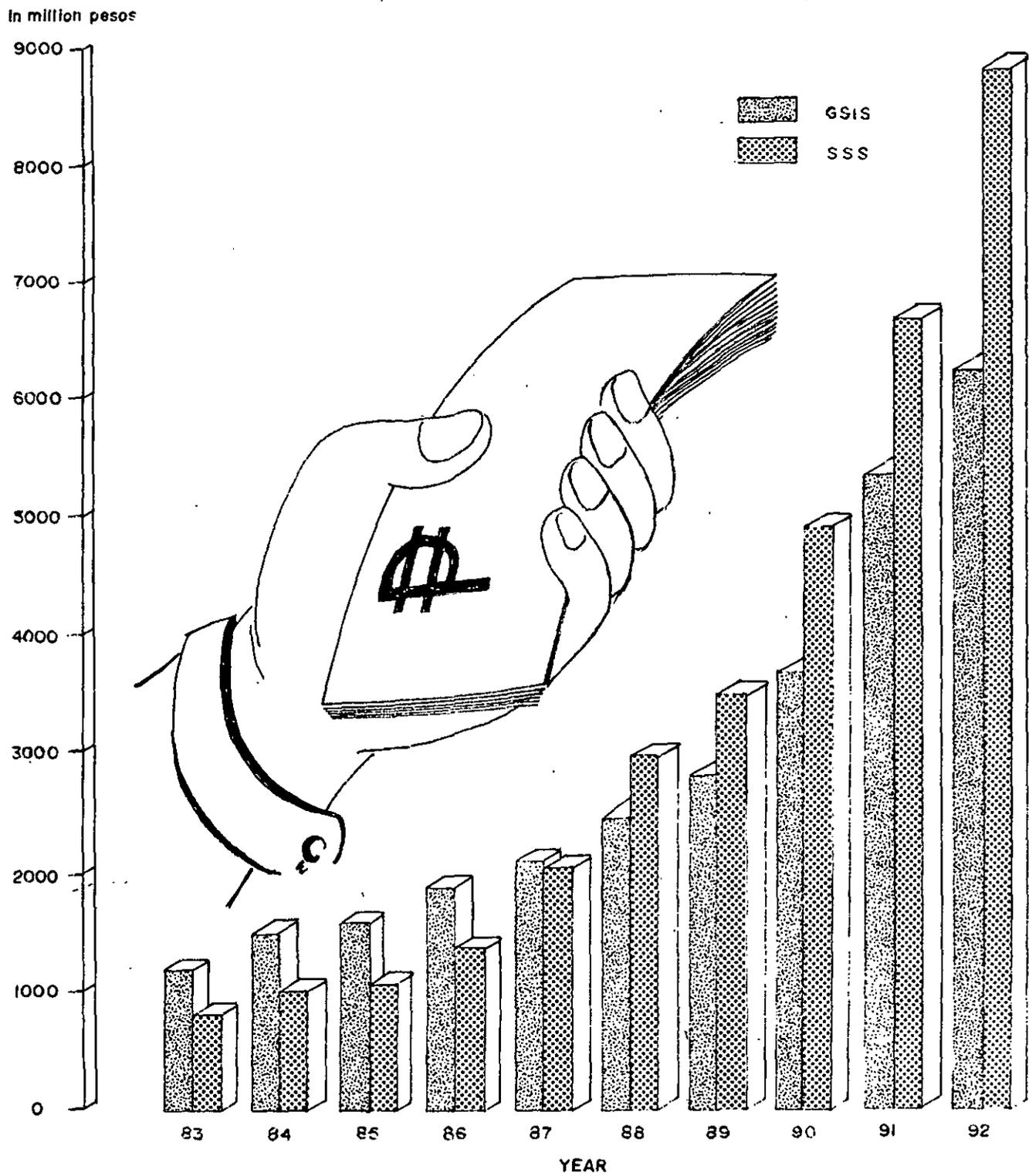
This chapter deals with statistics on services extended to the most disadvantaged citizens and communities, including the working populations. The economic well-being and social development of these groups are the concerns of the Department of Social Welfare and Development (DSWD). Specifically, the DSWD provides basic social services which include: (a) self-employment assistance; (b) practical skills development and job placement; (c) day care services and supplemental feeding; (d) emergency assistance; (e) family planning, nutrition, population awareness and sex education; and (f) special social services. It should be noted, however, that there are also a number of institutions involved in the distribution of these social services.

Included as part of social services is the protection afforded by the state for workers and their families. Social Security is provided by two institutions, namely: the Government Service Insurance System (GSIS) and the Social Security System (SSS). The GSIS serves the needs of workers in the government while the SSS provides for those in the private sector. Among the benefits provided by these institutions are financial and medical help to the worker and his dependent in case of illness, injury, death or loss of job. Also, financial assistance is extended to retirees. The GSIS and the SSS are financed by the contributions of both the employers and the employees.

It also includes community services rendered during calamities. The data were provided by the National Disaster Coordinating Council of the Department of National Defense.

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Figure 12.1 Benefits Paid by the Government Service Insurance System and the Social Security System: 1983 to 1992



Tabl 12.1

NUMBER OF FAMILIES AND FAMILY MEMBERS REACHED WITHIN FOOD THRESHOLD  
1992  
(UNDUPLICATED COUNT)

	Total	National Capital Region	Cordillera Administrative Region	1	2	3	4		
Number of families reached (within food threshold)	792,494	42,258	28,098	63,008	48,953	59,189	74,408		
Number of family members reached (within food threshold)	2,704,307	129,819	86,080	183,516	282,861	274,728	252,688		
a. Parents (Mother & Father)	764,408	27,787	32,686	58,549	96,259	80,138	41,521		
b. Children (0-6)	1,196,640	62,108	33,592	74,204	65,035	125,461	162,293		
c. Youth (7-17)	179,827	7,754	4,839	13,811	29,655	23,266	7,947		
d. Adults (18-59)	432,707	28,044	10,067	25,435	73,838	32,737	28,845		
Male	172,619	4,382	4,365	6,535	33,853	18,510	11,926		
Female	260,088	23,662	5,702	18,900	39,985	14,227	16,919		
e. Elderly (60 & above)	111,453	3,384	4,331	8,116	16,350	11,279	11,252		
f. Disabled	19,272	742	565	3,401	1,724	1,847	830		
								5	6
Number of Families reached (within food threshold)	59,667	49,444	59,975	81,250	39,247	37,362	115,419	34,216	
Number of Family Members reached (within food threshold)	151,851	327,950	192,435	125,328	186,802	156,633	272,881	80,735	
a. Parents (Mother & Father)	40,492	78,506	59,975	37,981	47,547	46,102	103,305	13,560	
b. Children (0-6)	72,024	171,428	83,590	57,420	87,764	65,294	106,134	30,293	
c. Youth (7-17)	7,516	19,226	7,143	12,321	19,002	10,159	10,751	6,437	
d. Adults (18-59)	25,896	49,397	33,140	7,126	25,169	26,180	40,298	26,535	
Male	10,302	21,924	10,974	1,782	9,741	10,612	15,822	11,891	
Female	15,594	27,473	22,166	5,344	15,428	15,568	24,476	14,644	
e. Elderly (60 & above)	4,964	7,124	7,123	9,027	6,458	8,218	10,692	3,135	
f. Disabled	959	2,269	1,464	1,453	862	680	1,701	775	

Source: Department of Social Welfare and Development.

**Table 12.2**  
**SERVICE HEADCOUNT BY PROGRAM \***  
**1988 TO 1992**  
*(In thousands)*

PROGRAM	1988	1989	1990	1991	1992
<b>TOTAL</b>	11,471	11,530	16,820	6,511	5,189
Community Welfare	305	1,128	1,115	747	472
Family Welfare	1,635	1,530	1,527	649	559
Women's Welfare**	179	1,017	1,344	845	637
Child and Youth Welfare	2,685	3,118	2,951	1,855	1,855
Disabled Persons Welfare	360	466	513	321	267
Emergency Assistance	5,970	4,114	9,202	1,854	1,227
Self Employment Assistance	337	157	168	240	172

Note: Changes in figures from 1992 to 1990 are due to the introduction of self-Employment Assistance as a separate category.

\* This does not include "Referrals" and "Other Services" for which no breakdown by program type is available.

Source: Department of Social Welfare and Development.

**Table 12.3**  
**NUMBER OF INSTITUTIONS/CENTERS/FACILITIES INVOLVED**  
**IN THE DISTRIBUTION OF SOCIAL SERVICES:**  
**1988 to 1992**

Institution/Center/Facility	1988	1989	1990	1991	1992
<b>TOTAL</b>	37	46	53	53	61
Child Caring Institution	12	17	23	24	32
Youth Centered/Facilities	16	17	18	16	16
Facilities for Disabled Persons and Specials Groups	9	12	12	13	13

Source: Department of Social Welfare and Development.

Table 12.4

COVERAGE AND CONTRIBUTIONS RECEIVED BY THE GSIS

1976 TO 1992

(In millions)

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 7	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	1.50	10,237.8	7,433.5	342.9	1,363.5	741.5	356.4

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 1978.

4 Refers to gross premium written.

5 Started operation in 1972.

6 Started operation in March 1975.

7 July to December 31.

Source: Government Service Insurance System Annual Reports.

**Table 12.5**  
**BENEFITS PAID BY THE GSIS BY FUND**  
**1976 TO 1992**  
*(In million pesos)*

Year	Total	Social Insurance Fund 1	Optional Life Insurance Fund 2	General Insurance Fund 3	Medicare Insurance Fund 4	Employees Compensation Insurance Fund 5
1976	442.3	348.9	-	4.5	85.4	3.5
1977	481.0	372.0	-	14.0	87.7	7.3
1978	664.1	519.2	24.0	7.3	87.4	26.2
1979	692.1	524.8	23.8	14.3	106.1	23.1
1980	776.8	590.9	22.5	11.9	114.8	36.7
1981	906.8	701.8	26.1	12.4	125.0	41.5
1982	1,067.1	830.5	33.0	19.8	128.2	55.6
1983	1,267.4	969.3	32.4	28.0	147.4	90.3
1984	1,509.0	1,140.2	36.8	36.3	171.0	124.7
1985	1,731.9	1,280.8	41.8	59.5	174.1	175.7
1986	1,931.3	1,486.5	47.3	23.6	174.5	199.4
1987	2,183.0	1,620.9	57.5	66.0	224.5	214.1
1988	2,518.5	1,888.1	62.9	51.3	239.3	276.9
1989	2,892.5	2,096.6	77.3	206.3	276.6	235.8
1990	3,707.9	2,676.0	81.2	204.0	416.5	330.2
1991	5,307.4	4,004.1	92.5	136.1	708.7	366.0
1992	6,239.3	4,815.1	102.2	77.5	829.8	414.7

1 Composed of Life Insurance 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 1972.

5 Started operation in 1975.

Source: Government Service Insurance System

Table 12.6  
**COVERAGE AND CONTRIBUTIONS RECEIVED BY THE SOCIAL SECURITY,  
 MEDICARE AND EMPLOYEES' COMPENSATION**  
 1976 TO 1992  
 (In thousand)

Year	Coverage 1		Contributions			
	Worker	Employer	All Funds	Social Security 2	Medicare 3	Employees' Compensation 3
1976	5,587	185	839,534	613,874	140,662	84,998
1977	6,153	197	952,880	700,094	155,377	97,409
1978	6,768	209	1,104,645	821,672	173,742	109,231
1979	7,381	221	1,445,385	1,054,696	264,675	126,014
1980	8,058	231	1,617,716	1,186,582	290,548	140,586
1981	8,534	240	1,785,914	1,319,584	313,725	152,605
1982	9,029	250	1,900,274	1,405,953	330,775	163,546
1983	9,526	259	1,988,271	1,474,320	340,598	173,353
1984	9,864	270	2,112,081	1,582,809	342,421	186,851
1985	10,076	272	2,187,302	1,658,719	332,817	195,766
1986	10,295	276	2,221,353	1,688,057	335,222	198,074
1987	10,616	281	4,158,151	3,355,345	546,156	256,650
1988	11,071	297	5,172,087	4,287,645	616,054	268,388
1989	11,775	327	6,150,858	5,122,042	731,126	297,690
1990	12,453	363	7,354,331	6,262,909	777,443	313,978
1991	13,241	385	9,459,655	7,822,263	1,308,318 *	329,075
1992	13,779	409	11,151,235	9,180,640	1,594,890	375,704

\* Net of P11,074 remittances to Health Kard International and Pamana Inc.

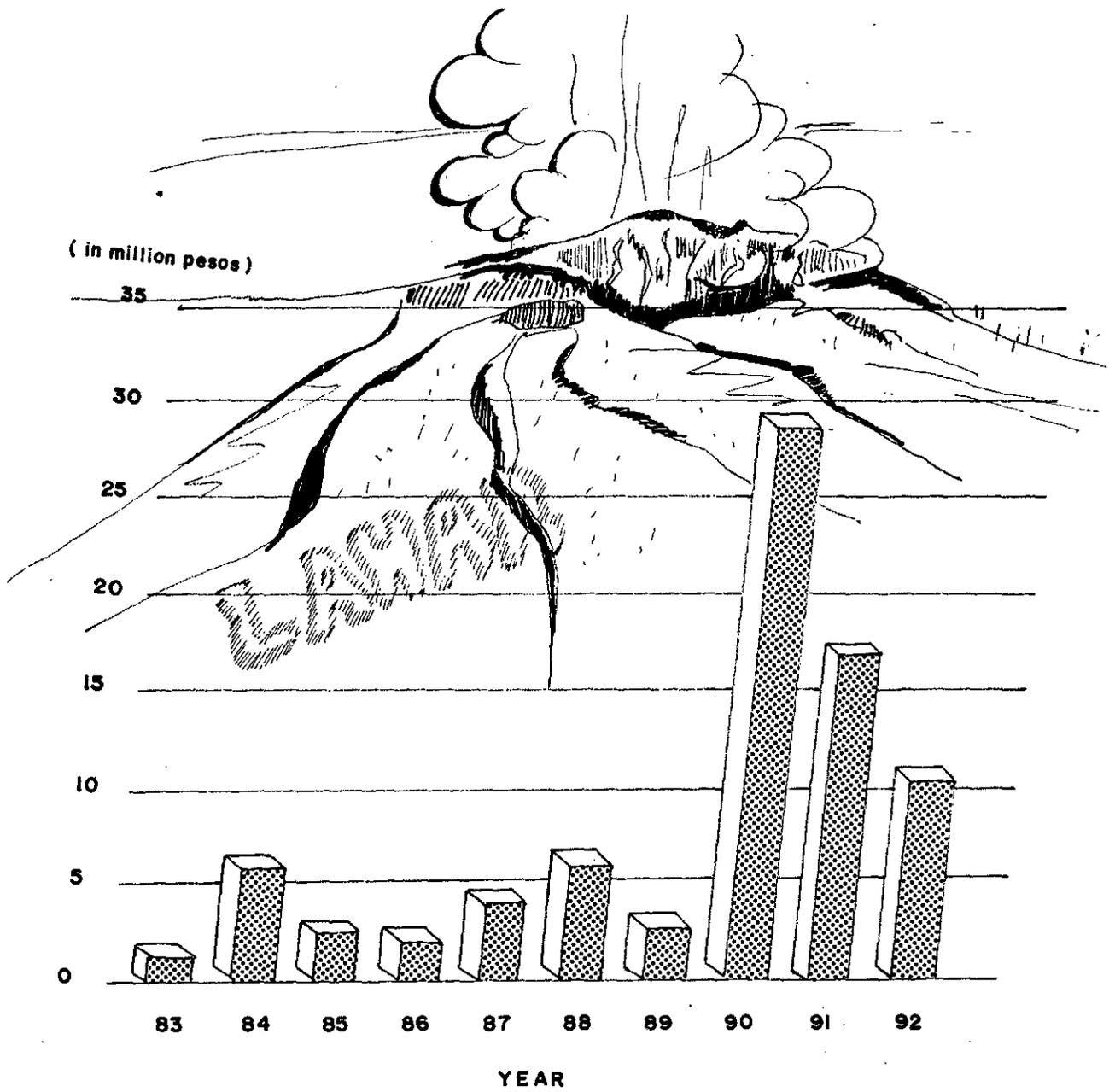
1 As of December 31.

2 Contributions from workers and employers.

3 Contributions from employers only.

Source: Social Security System Annual Report.

Figure 12.2 Value of Damages Caused by Major Natural Disaster, Philippines: 1983 to 1992



**Table 12.7**  
**BENEFITS PAID BY THE SOCIAL SECURITY, MEDICARE AND**  
**EMPLOYEES' COMPENSATION FUNDS, BY TYPE**  
**1976 TO 1992**  
*(In thousand pesos)*

Year	Social Security System 1/						
	Sub- Total	Death 4/	Disability	Sickness	Retirement	Maternity 5/	Refund of Contribution
1976	163,411	28,076	8,394	44,613	82,076	-	252
1977	184,885	35,948	9,853	46,529	92,007	-	548
1978	281,586	67,083	17,587	58,506	120,690	17,403	317
1979	343,703	88,659	20,520	64,050	135,695	34,410	369
1980	427,294	111,656	30,485	63,322	183,502	37,851	478
1981	540,579	148,468	43,052	69,429	230,929	48,302	399
1982	725,857	205,146	61,062	82,243	316,629	60,352	425
1983	865,373	262,126	82,938	82,778	375,438	61,668	425
1984	1,017,319	312,277	105,099	85,946	445,285	68,284	428
1985	1,199,322	387,726	123,995	96,117	510,253	80,566	665
1986	1,470,340	482,970	137,647	91,310	677,662	80,438	313
1987	2,096,359	751,823	193,405	133,296	924,122	93,202	511
1988	3,052,324	1,076,238	274,581	315,993	1,194,989	189,728	795
1989	3,663,971	1,359,906	316,537	373,372	1,403,461	209,984	711
1990	4,972,143	1,879,818	497,839	444,800	1,883,395	265,308	983
1991	6,664,536	2,605,771	678,464	508,137	2,592,903	277,449	1,812
1992	8,805,620	3,254,073	971,532	645,305	3,539,417	393,979	1,314

Year	Medicare 2/	Employees' Compensation 3/					Medical Services
	Sub- Total	Death 6/	Sickness	Rehabilitation Services	Disability		
1976	161,701	10,341	979	5,650	-	1,166	2,546
1977	137,575	14,528	1,752	7,164	-	1,650	3,962
1978	178,189	18,966	3,288	7,914	-	2,341	5,423
1979	208,535	24,477	4,535	9,790	-	3,172	6,980
1980	203,831	29,297	7,197	10,376	19	4,277	7,428
1981	214,676	36,162	9,057	10,864	64	4,680	11,497
1982	251,498	39,306	10,936	12,009	77	6,364	9,920
1983	259,395	49,407	16,281	11,359	279	7,617	13,871
1984	239,355	59,027	19,264	11,271	629	8,024	19,839
1985	264,507	67,623	26,030	10,787	166	8,651	21,989
1986	279,118	80,381	32,409	10,113	284	14,124	23,451
1987	350,247	88,668	47,028	11,074	4,493	11,952	14,121
1988	474,474	128,921	59,551	18,289	3,503	16,571	31,007
1989	449,521	153,531	74,277	28,437	13,096	14,195	23,526
1990	710,502	189,878	105,061	35,536	285	22,589	26,407
1991	1,022,847	215,939	103,963	38,694	10,737	25,322	37,223
1992	1,278,658	287,062	46,080	157,294	6,257	37,160	40,271

1/ Includes refund of contribution.

2/ Started operation in 1972.

3/ Started operation in 1975.

4/ Includes funeral grants starting 1974.

5/ Maternity benefits were given starting 1978.

6/ Includes funeral grants starting 1980.

Source: Social Security System.

Table 12.8

**DAMAGES CAUSED BY MAJOR NATURAL DISASTERS  
1976 TO 1992**

Year	Type of Disaster	Date of Occurrence	Areas Affected	Population Affected		Casualties		Houses Damaged		Value of Damages (million pesos)
				Families	Persons	Dead	Injured	Totally	Partially	
1976	Flooding	Nov. 30	Region 6 (Aklan & Capiz)	14,313	71,565	10	-	-	809	11.533
	T Didang	May 19-28	Regions 1 to 4	500,054	2,719,415	200	20	3,792	4,912	624.693
	Earthquake/ Tsunami	Aug. 17	Regions 9 to 12	60,356	362,136	3,782	9,240	-	-	246.946
1977	T Unding	Nov. 10-17	Region 1 to 8	133,141	798,846	40	115	15,679	16,115	301.003
	Flooding	Feb. 19-22	Regions 8 & 10	1,499	7,495	10	-	-	-	14.102
1978	T Kading	Oct. 25-27	Regions 1 to 3	237,736	1,236,435	444	749	45,465	65,040	1,021.000
1979	Flashflood	June 26	Region 12	16,000	96,000	-	-	-	-	5.178
	T Bebeng	Apr. 13-19	Regions 1, 5, 6, 8	111,929	672,025	30	73	47,248	57,087	267.118
1980	Flooding	Dec. 19-25	Regions 10 & 11	121,332	736,079	336	14,298	-	-	346.205
	T Aring	Nov. 1-7	Regions 1 to 6 and 8	245,064	1,384,053	103	-	5,431	29,054	1,356.000
1981	T Anding	Nov. 22-27	Regions 1 to 4	111,411	655,269	68	42	49,110	98,324	505.289
	T Dinang	Dec. 23-27	Regions 4, 5, 8	112,639	674,619	188	1,838	40,237	52,161	586.816
1982	T Bising	Mar. 23-28	Regions 7, 8, 10	103,204	657,274	112	85	58,244	18,233	587.499
	T Weling	Oct. 12-15	Regions 1, 2	51,532	301,431	96	183	12,464	34,111	623.233
	Flooding	Jan. 25-30	Regions 9, 10, 12	81,328	436,687	27	1	15	-	99.264
1983	Drought	Jan. to Mar.	Regions 1, to 12	422,765	FARMERS	-	-	-	-	763.144
	T Bebeng	July 14-16	Regions 3, to 5 and 8	120,811	628,985	115	27	29,054	76,346	466.863
1984	T Nitang	Aug. 31 - Sept. 4	Regions 4, 6, 7, 8, 10, 11	273,794	1,630,296	900	443	108,219	142,653	3,914.000
	T Undang	Nov. 3-6	Regions 4 to 8	373,491	1,936,732	895	272	201,014	163,506	1,541.000
1985	T Saling	Oct. 15-20	Regions 1 to 5	209,842	1,054,063	88	7	63,136	201,263	2,132.000
1986	T Gading	July 6-10	Regions 1 to 4 & NC	142,050	730,357	106	16	2,689	13,896	678.493
	TS Ruping	Oct. 17-20	Regions 5 & 8	259	1,248	2	-	49	136	734.394
1987	T Herming	Aug. 8-13	Regions 4, 5 & 8	228,286	1,253,398	85	414	61,758	114,922	2,065.000
	T Sisang	Nov. 23-27	Regions 4, 5 & 8	318,968	2,019,385	100	79	153,339	175,449	1,119.000
	Drought	Jan. - Apr.	Regions 1 to 12	-	-	-	-	-	-	706.445
1988	T Unsang	Oct. 21-26	Regions 1 to 11	537,152	2,742,666	157	316	38,932	146,781	5,636.000

Table 12.8 (continued)

Year	Type of Disaster	Date of Occurrence	Areas Affected	Population Affected		Casualties		Houses Damaged		Value of Damages (million pesos)
				Families	Persons	Dead	Injured	Totally	Partially	
1989	Flooding	Jan. 15-20	Regions V & VIII	81,152	459,730	101	79	1,826	22,355	392.203
	T Saling	Oct. 9-10	Regions 1, 3, 4, 5, 8 and NCR	135,245	682,699	58	121	12,273	37,699	1,394.000
	T Goring	July 14-17	Regions 1 to 4 6, 9, 10	95,269	488,757	90	386	8,845	46,269	1,363.000
1990	Drought	Jan. - Apr.	Regions 1 to 12	220,269	1,189,309	-	-	-	-	3,386.000
	Earthquake	Feb. 8	Region 7 (Bohol)	10,931	54,059	10	273	199	2,949	121.433
	Flashflood	June 12	Regions 9 (Zamboanga del Sur)	1,534	8,108	36	-	168	163	40.000
	Earthquake	July 16	Regions 1 to 4 & NCR	227,918	1,255,248	1,283	2,786	25,207	77,249	12,225.037
	T Iliang	Aug. 28-30	Regions 1 to 4 CAR & NCR	130,219	568,675	50	53	684	1,961	1,520.000
	T Ruping	Nov. 10-14	Regions 4 to 12	1,010,004	5,498,290	508	1,278	22,026	630,885	10,846.000
1991	Mt. Pinatubo	Jun 12-15	Region 3 (6 provinces)	249,371	1,180,132	850	184	40,867	67,862	10,424.000
	Lahar I	Jul-Sept	Region 3 (6 provinces)	33,479	161,545	16	9	2,378	444	494.000
	Drought	Jan-Apr	Regions 6,9,10,11,12	-	-	-	-	-	-	1,631.000
	T Trining	Oct 23-30	Region 1, 2 & CAR	105,317	534,307	82	55	8,070	58,305	3,469.259
	TS Uring (Ormoc City)	Nov. 2-6	Region 6 & 8	43,397	223,985	5,101	292	5,232	25,272	1,044.806
	1992	Flashflood	Dec 28-30	Region 11	11,430	58,093	17	-	27	20	134.000
Drought		Jan-Apr	Regions 6,9,10,11,12	209,255	1,027,103	-	-	-	-	4,049.000
Mt. Pinatubo Lahar II		Jul 9-12 Jul 19-21	Region 3	19,932	96,102	6	7	1,712	-	551.000
Flashflood		Jul 9-21	Region 3	144,476	707,870	22	-	1,569	3,137	681.000
Earthquake		Mar 19	Baguio City, Abra, Mt. Pinatubo, Kalinga Apayao	-	-	1	1	-	-	182.000
Red Tide		Jun-Dec	Regions 3,4, & NCR	6,416	38,500	10	67	-	-	-
T Konsing		Jul 9-12	Regions 2 & 3	1,027	5,135	3	-	5	15	21.000
T Ditang		Jul 17-21	Regions 3 & NCR	27,902	134,417	36	77	478	1,305	471.000
T Gloring		Aug 16-18	Regions 3,4 & NCR	148,049	725,956	22	-	1,428	3,072	1,347.000
T Isang		Aug 26-31	Regions 1,2 & CAR	23,677	114,084	19	1	214	197	173.000
T Lusing		Aug 26-Sep	Regions 1,2 & CAR	31,787	171,603	10	1	393	145	903.000
TS Maring		Sep 18-23	Regions 1,2,3 & CAR	113,686	570,136	27	13	785	3,272	2,155.000

Source: National Disaster Coordinating Council.

Table 12.9

**NUMBER OF DISASTER COORDINATING COUNCILS, CONTROL GROUPS AND MEMBERS/VOLUNTEERS TRAINED 1980 TO 1992**

Year	Disaster Coordinating Council						Disaster Control Group	Members/Volunteers Trained
	Total	Regional	Provincial	City	Municipal	Barangay		
1980	2,387	...	6	11	121	2,249	72	24,084
1981	2,280	2	6	6	142	2,124	308	16,333
1982	2,880	3	19	19	139	2,700	131	14,040
1983	3,348	...	2	...	150	3,196	46	27,792
1984	2,203	1	16	10	133	2,043	124	8,636
1985	1,179	2	6	8	139	1,024	87	6,422
1986	654	5	19	6	248	376	141	11,362
1987	193	1	3	6	21	162	38	1,296
1988	786	1	23	10	427	325	192	9,213
1989	1,455	...	17	10	230	1,198	77	16,013
1990	2,918	...	8	8	193	2,709	144	16,037
1991	2,180	...	10	2	87	2,081	929	14,619
1992	1,580	...	21	6	270	1,283	367	15,772

Source: National Disaster Coordinating Council.

# 13 TRANSPORTATION AND COMMUNICATION

The Philippines needs efficient transportation and communication network systems to provide vital links in the chain of activities that directly or indirectly promote the economic progress of the country. Considered as one of the major fields of economic activities, the sector provides planners with statistical data on infrastructure and operations that are necessary in policy formulation and economic planning. This information includes such variables as the carrying capacity of the nation's fleet of land, water and air conveyances; the extent of the road system; the distribution and customer-attending capacity of its air and seaport works; and the information/message-handling capacity of its postal and telecommunications networks.

Statistics on the number of registered motor vehicles by type, fuel used and place of registration are being compiled by the Land Transportation Office. The Department of Public Works and Highways takes charge of the collection and compilation of statistics on roads and bridges.

Rail transport statistics obtained from the records of the Philippine National Railways include net freight-ton-kilometers handled; passenger-kilometers performed; and revenue tonnage carried by class of commodity.

Data on air transport refer to the operating and traffic statistics of domestic air carriers, particularly the Philippine Air Lines. These figures include information on the system-wide operations of the air carrier as to distance coverage, and passenger and cargo services which are further classified into domestic and international operations. The Air Transportation Office provides data on the number of airports.

Water transport statistics relate to seaborne commercial traffic data with reference to number and tonnage of vessels entered and cleared at the Port of Manila. These are by-products of the administrative and regulatory functions of the Bureau of Customs. The Philippine Ports Authority maintains data on the number of government and privately-owned ports and supports in the operation throughout the archipelago. The Philippine Coast Guard maintains the number and gross tonnage of registered vessels by type of service.

The communications network revolves around telecommunications and postal data systems. Telecommunication statistics include number of licensed radio stations classified by type and ownership; and number of other telecommunication stations, such as telephone, telegraph, telex and telegram, operating in the country. These are compiled by the National Telecommunication Commission. Postal service statistics, particularly the mail volume handled, are compiled by the Postal Service Office.

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**Table 13.1**  
**NUMBER OF PASSENGERS, FREIGHT AND EXPRESS TONNAGE, AND REVENUE**  
**BY PHILIPPINE NATIONAL RAILWAYS**  
**1950 to 1992**

Year	Passengers Carried (thousand)	Passengers Revenue (thousand pesos)	Revenue per Passenger	MMRC Passenger Carried	MMRC Revenue (thousand pesos)
1950	6,185.3	6,742.0	1.09	...	...
1955	7,148.1	8,291.8	1.16	...	...
1960	9,442.4	13,502.6	1.43	...	...
1965	8,234.8	16,222.6	1.97	...	...
1970	6,052.1	26,629.2	4.40	...	...
1971	5,132.9	30,848.7	6.01	...	...
1972	4,477.6	29,776.0	6.65	...	...
1973	3,754.5	20,612.2	5.49	...	...
1974	4,451.1	26,484.0	5.95	...	...
1975	5,399.6	32,181.6	5.96	...	...
1976	4,255.0	44,338.0	10.42	...	...
1977	4,892.8	43,791.0	8.95	...	...
1978	4,012.4	39,442.0	9.83	...	...
1979	3,021.8	34,832.0	11.53	3,442.7	2,422.6
1980	2,465.7	42,435.0	17.21	4,957.7	6,502.0
1981	1,651.4	32,252.0	19.53	6,156.3	9,321.9
1982	1,316.2	27,996.0	21.27	4,335.9	7,151.2
1983	1,375.6	36,219.0	26.33	5,142.2	9,729.6
1984	1,262.6	48,799.0	38.65	4,755.4	13,093.0
1985	749.0	41,974.0	56.04	2,952.2	10,206.9
1986	909.6	45,516.0	50.04	2,834.7	7,927.5
1987	1,177.8	61,222.0	51.98	2,024.0	5,219.1
1988	968.1	64,766.0	66.90	1,182.1	2,975.3
1989	1,004.7	69,093.9	68.77	979.7	2,519.1
1990	928.0	74,964.0	80.78	5,560.8	12,454.5
1991	654.9	64,432.5	98.39	4,508.5	12,777.1
1992	466.8	41,717.5	89.40	2,302.9	6,570.1

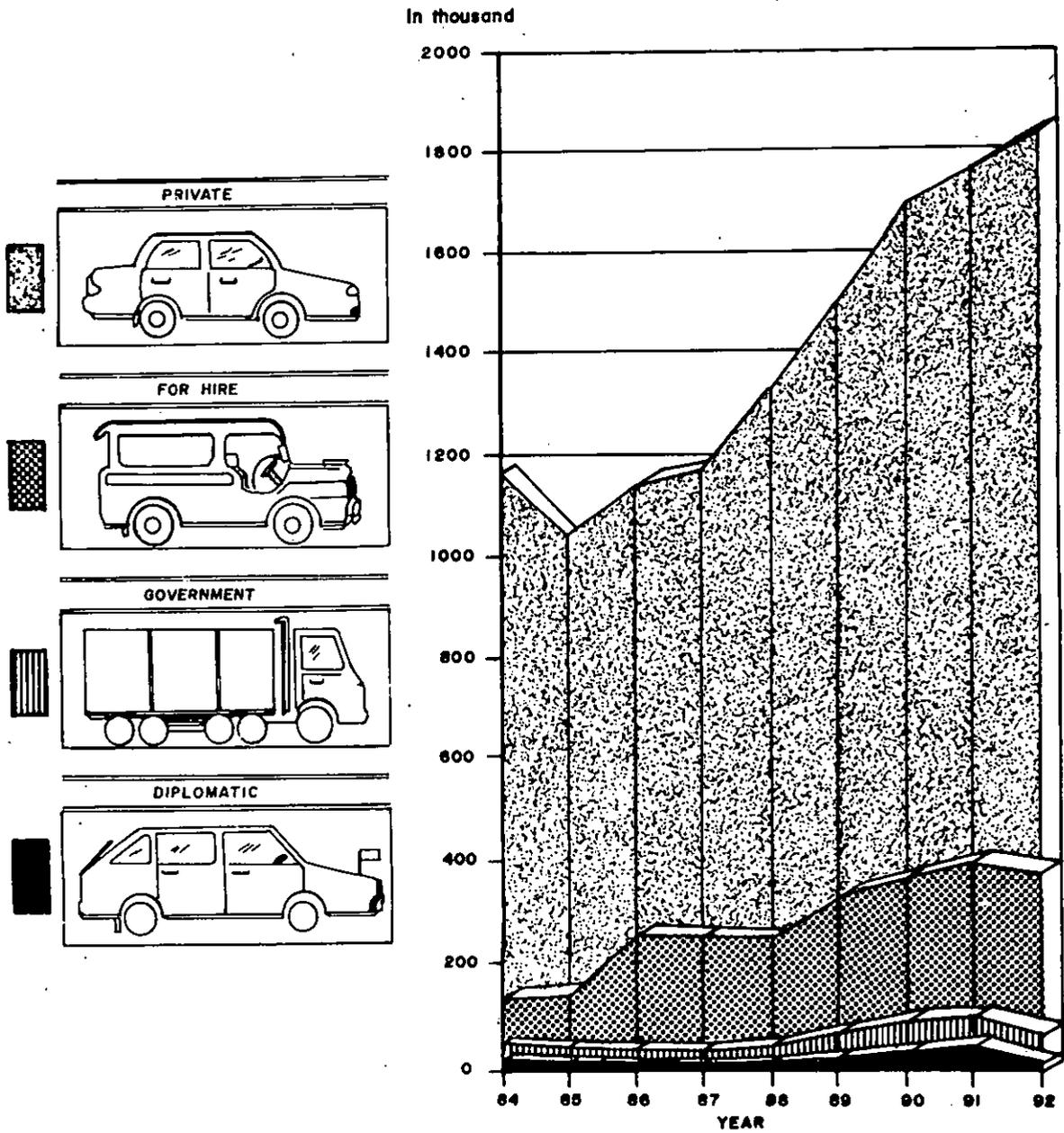
Note: Metro Manila Rail Commuter (MMRC) started in 1979.

Source: Philippine National Railways and Metro Transit Organization Incorporated.

Table 13.1 (continued)

Revenue per Commuter	Freight Tons Loaded (thousand)	Freight Revenue (thousand pesos)	Revenue per Freight Ton (pesos)	Express Tons Loaded (thousand)	Express Revenue (thousand pesos)	Revenue per Express Ton (pesos)
...	787.2	6,812.0	8.65	44.3	1,674.6	37.80
...	1,130.8	7,357.4	6.51	48.9	1,975.7	40.40
...	1,337.1	8,441.0	6.31	59.6	2,344.6	39.34
...	837.3	5,263.8	6.29	61.6	2,421.6	39.31
...	277.7	4,512.1	16.25	100.3	4,415.9	44.03
...	378.8	5,146.7	13.59	68.5	3,587.5	52.37
...	204.8	2,189.4	10.69	69.9	3,582.8	51.26
...	257.0	4,304.2	16.75	83.3	4,649.4	55.82
...	331.8	8,215.5	24.76	104.5	8,224.8	78.71
...	280.6	9,383.7	33.44	69.4	8,036.5	115.80
...	208.6	6,073.7	29.12	56.4	5,736.6	101.71
...	194.3	6,740.4	34.69	51.3	5,267.6	102.68
...	158.7	5,152.2	32.47	37.2	3,802.9	102.23
0.7037	145.5	5,783.4	39.75	34.2	4,381.5	128.11
1.3115	141.9	6,440.5	45.39	24.8	4,288.5	172.92
1.5142	115.8	6,729.9	58.12	18.2	3,411.0	187.42
1.6493	79.2	5,440.3	68.69	15.8	3,642.0	230.51
1.8921	65.3	5,377.6	82.35	17.1	3,989.0	233.28
2.7533	72.1	8,851.4	122.77	21.6	6,878.3	318.44
3.4574	53.0	7,667.4	144.67	19.4	6,988.2	360.22
2.7966	64.0	7,341.8	114.72	21.5	8,116.7	377.52
2.5786	62.2	7,903.6	127.07	27.7	9,452.8	341.26
2.5170	57.0	7,976.5	139.04	23.3	10,091.2	433.10
2.5713	53.2	6,861.6	129.00	21.5	9,819.4	456.72
2.2397	32.2	3,864.6	120.00	16.8	9,281.2	552.45
2.8340	11.6	2,135.5	184.10	10.3	8,604.9	860.40
2.8500	4.9	749.2	188.40	8.6	6,705.0	290.80

Figure 13.1 Number of Motor Vehicles Registered by Type of Vehicle:  
1984 to 1992



**Table 13.2**  
**NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE**  
**1985 to 1992**

Type of Vehicle	1985	1986	1987	1988	1989	1990	1991	1992
Total								
Motor Vehicles	1,120,172	1,185,832	1,176,753	1,270,483	1,431,464	1,620,242	1,715,366	1,879,563
Private	988,143	925,229	931,750	1,026,057	1,162,065	1,322,783	1,384,148	1,525,086
Cars	332,473	338,687	343,775	361,494	393,699	430,735	430,943	456,212
Utility Vehicles	328,179	334,930	357,768	400,166	452,459	520,534	560,831	625,655
Buses	2,804	3,119	3,497	3,273	3,535	3,288	3,404	4,816
Trucks	79,759	82,050	85,907	95,773	105,111	117,047	123,426	134,848
Motorcycles/ Tricycles	231,207	153,563	128,281	151,560	192,626	233,861	247,892	284,641
Trailers	13,721	12,880	12,522	13,791	14,635	17,318	17,652	18,914
For hire	90,607	219,871	207,384	204,093	223,233	246,082	280,254	307,887
Cars	7,123	9,086	7,355	7,092	9,755	13,676	16,360	19,484
Utility Vehicles	57,961	62,491	66,018	55,895	62,773	71,365	87,285	96,471
Buses	11,641	11,586	11,278	11,420	13,077	14,667	16,884	20,493
Trucks	6,362	6,054	5,899	5,435	6,109	6,515	7,534	7,484
Motorcycles/ Tricycles	6,622	129,873	116,079	123,418	130,700	138,948	151,091	162,694
Trailers	898	781	755	833	819	911	1,100	1,261
Government	36,947	36,527	33,410	35,636	40,869	45,482	44,759	43,363
Cars	5,694	6,130	4,783	4,941	6,323	6,052	5,724	4,846
Utility Vehicles	19,690	19,133	17,971	19,038	21,173	23,704	22,732	22,064
Buses	291	269	398	390	338	386	402	518
Trucks	6,001	5,694	4,589	5,241	5,251	5,607	4,552	4,210
Motorcycles/ Tricycles	5,161	5,189	5,208	5,924	7,649	9,617	11,144	11,603
Trailers	110	112	461	102	135	116	205	122
Diplomatic	4,475	4,205	4,209	4,697	5,297	5,895	6,205	3,227

Source: Land Transportation Office.

**Table 13.3**  
**NUMBER OF MOTOR VEHICLES REGISTERED BY CLASSIFICATION, BY REGION**  
**NEW AND RENEWAL**  
**1981 to 1992**

Year	Total		Cars		Utility Vehicles	
	New	Renewal	New	Renewal	New	Renewal
1981	133,449	872,581	35,645	282,440	35,072	329,634
1982	137,192	949,988	33,292	308,757	38,948	346,362
1983	137,250	1,063,553	31,111	335,891	38,075	389,850
1984	60,216	1,105,341	12,722	348,000	17,610	399,111
1985	41,570	1,078,602	8,589	339,360	11,669	394,161
1986	60,633	1,125,199	7,571	349,117	13,826	402,728
1987	71,000	1,105,753	10,657	348,108	23,144	418,613
1988	87,963	1,182,520	16,322	360,324	33,543	441,556
1989	141,499	1,289,965	32,808	380,190	50,821	485,584
1990	206,090	1,414,152	42,389	412,165	74,731	540,872
1991	182,826	1,532,540	32,130	424,476	71,969	598,879
1992	230,276	1,649,287	39,636	443,986	88,683	655,507
NCR	111,431	688,323	33,113	300,100	41,167	272,021
CAR	599	21,372	37	5,288	464	11,523
Region 1	8,829	77,815	209	8,604	1,624	27,667
Region 2	4,685	39,808	40	3,284	893	13,462
Region 3	21,254	187,731	2,636	33,493	10,470	88,086
Region 4	32,264	174,355	703	27,533	22,350	88,712
Region 5	4,161	38,986	91	3,870	577	13,181
Region 6	10,172	87,004	760	15,312	2,924	32,518
Region 7	16,788	110,005	1,545	22,068	4,035	33,370
Region 8	3,301	26,012	2	1,660	373	9,022
Region 9	3,985	35,906	22	2,141	932	10,904
Region 10	3,678	50,384	103	6,165	747	17,837
Region 11	7,262	81,983	373	11,212	1,732	26,734
Region 12	1,867	29,603	2	3,256	395	10,470

Source: Land Transportation Office.

Table 13.3 (continued)

Trucks		Buses		Motorcycles/ Tricycles		Trailers	
New	Renewal	New	Renewal	New	Renewal	New	Renewal
11,661	91,479	2,270	15,551	47,313	139,677	1,488	13,800
10,336	96,538	1,187	16,171	51,342	167,101	2,087	15,059
9,746	101,110	1,042	15,672	55,608	205,817	1,668	15,213
4,759	97,312	433	14,846	23,366	229,967	1,326	16,105
3,220	90,718	277	14,459	16,965	226,025	850	13,879
3,413	91,805	309	14,665	34,750	253,875	764	13,009
5,112	92,640	545	14,628	30,430	219,138	1,112	12,626
6,438	101,589	573	14,510	29,659	251,243	1,428	13,298
8,273	110,109	868	16,082	46,599	284,376	2,130	13,624
13,419	117,554	2,119	16,222	70,034	312,392	3,398	14,947
12,646	125,492	1,877	18,813	61,820	348,307	2,384	16,573
15,207	131,482	2,586	23,241	81,614	377,324	2,550	17,747
10,939	41,223	1,151	9,055	23,409	56,978	1,652	8,946
9	1,738	47	342	41	2,442	1	39
41	5,719	115	2,249	6,828	32,984	12	592
204	6,371	91	919	3,413	15,045	44	727
564	15,346	169	2,826	7,076	45,038	339	2,942
238	12,054	376	2,548	8,510	42,416	87	1,092
41	3,090	73	979	3,376	17,769	3	97
526	13,710	89	806	5,824	23,975	49	683
2,086	9,197	111	885	8,805	43,362	206	1,123
70	2,788	74	506	2,777	11,849	5	187
93	2,791	72	509	2,855	19,450	11	111
72	6,248	113	568	2,557	19,305	86	261
257	8,602	37	855	4,814	33,735	49	845
67	2,605	68	194	1,329	12,976	6	102

**Table 13.4**  
**NUMBER OF MOTOR VEHICLES REGISTERED BY CLASSIFICATION**  
**BY REGION, BY TYPE OF FUEL USED**  
**1981 to 1992**

Year	Total		Cars		Utility vehicles	
	Gas	Diesel	Gas	Diesel	Gas	Diesel
1981	773,049	217,693	308,096	9,989	243,295	121,411
1982	805,176	264,858	329,752	12,297	233,169	152,141
1983	861,223	322,699	351,296	15,706	230,727	197,198
1984	826,305	321,821	345,055	15,667	216,454	200,267
1985	794,368	311,021	335,267	12,682	206,341	199,489
1986	852,345	319,708	344,197	12,491	211,888	204,666
1987	829,850	333,165	346,573	12,192	226,567	215,190
1988	905,864	349,893	364,355	12,291	248,612	226,487
1989	1,021,703	394,007	398,593	14,405	280,949	255,456
1990	1,152,785	449,112	437,079	17,475	323,598	292,005
1991	1,197,282	499,127	436,775	19,831	338,177	332,671
1992	1,286,763	572,503	457,397	26,225	360,032	384,158
Metro Manila area						
NCR	554,417	234,739	311,674	21,539	157,240	155,948
CAR	11,907	10,024	5,011	314	4,475	7,512
Region 1	61,080	24,960	8,733	80	12,530	16,761
Region 2	27,073	16,649	3,248	76	5,236	9,119
Region 3	137,607	68,097	35,444	685	49,047	49,509
Region 4	122,284	83,156	27,581	655	43,604	67,458
Region 5	30,398	12,649	3,857	104	5,511	8,247
Region 6	65,354	31,090	14,730	1,342	17,663	17,779
Region 7	101,110	24,354	22,830	783	25,109	12,296
Region 8	21,522	7,599	1,626	36	5,072	4,323
Region 9	32,328	7,441	2,155	8	7,620	4,216
Region 10	36,976	16,739	6,174	94	8,763	9,821
Region 11	62,828	25,523	11,118	467	12,704	15,762
Region 12	21,879	9,483	3,216	42	5,458	5,407

Source: Land Transportation Office.

Table 13.4 (continued)

Trucks		Buses		Motorcycles/ Tricycles		Trailers
Gas	Diesel	Gas	Diesel	Gas	Diesel	
35,584	67,556	5,365	12,456	180,709	6,281	15,288
28,690	78,184	3,207	14,151	210,358	8,085	17,146
23,050	87,806	1,939	14,775	254,211	7,214	16,881
18,783	83,288	1,285	13,994	244,728	8,605	17,431
14,934	78,950	829	13,907	236,997	5,993	14,729
13,856	81,362	1,958	13,016	280,446	8,173	13,773
11,719	86,033	1,478	13,695	243,513	6,055	13,738
14,899	93,128	797	14,286	277,201	3,701	14,726
16,111	102,271	800	16,150	325,250	5,725	15,754
17,446	113,527	1,050	17,291	373,612	8,814	18,345
15,692	122,446	885	19,805	405,753	4,374	18,957
13,582	133,107	1,116	24,711	454,636	4,302	20,297
5,132	47,030	513	9,693	79,858	529	10,598
72	1,675	9	380	2,340	143	40
81	5,679	296	2,068	39,440	372	604
105	6,470	26	984	18,458	0	771
951	14,959	64	2,931	52,101	13	3,281
545	11,747	24	2,900	50,530	396	1,179
135	2,996	4	1,048	20,891	254	100
3,160	11,076	25	870	29,776	23	732
1,189	10,094	81	915	51,901	266	1,329
281	2,577	7	573	14,536	90	192
234	2,650	14	567	22,305	0	122
344	5,976	8	673	21,687	175	347
1,083	7,776	37	855	37,886	663	894
270	2,402	8	254	12,927	1,378	108

**Table 13.5**  
**NUMBER AND TONNAGE OF VESSELS ENTERED AND CLEARED**  
**IN SELECTED PORTS, DOMESTIC AND INTERNATIONAL**  
*(Tonnage in thousands)*  
**1985 to 1992**

Year, vessels and tonnage	Domestic trade				
	Total	Manila	Cebu	Iloilo	Zamboanga
<b>1985</b>					
Number of vessels	138,671	17,638	20,173	9,849	13,118
Gross tonnage	91,204	18,549	14,984	7,132	5,838
Net tonnage	52,726	11,424	6,957	3,976	3,182
<b>1986</b>					
Number of vessels	137,491	18,149	18,610	9,274	13,229
Gross tonnage	95,938	20,411	13,675	6,878	5,864
Net tonnage	55,267	12,518	7,116	3,753	3,205
<b>1987</b>					
Number of vessels	145,279	18,583	19,391	9,087	13,229
Gross tonnage	99,186	20,879	13,922	6,909	5,896
Net tonnage	57,879	13,358	7,309	3,656	3,329
<b>1988</b>					
Number of vessels	148,695	19,838	19,227	8,932	13,320
Gross tonnage	104,728	22,288	15,310	6,754	6,993
Net tonnage	60,973	14,613	8,060	3,798	3,747
<b>1989</b>					
Number of vessels	161,012	20,500	20,788	10,312	14,104
Gross tonnage	123,934	23,526	19,344	9,800	7,737
Net tonnage	70,494	14,684	10,230	5,495	4,386
<b>1990</b>					
Number of vessels	162,866	21,461	21,266	10,349	13,774
Gross tonnage	140,469	29,519	22,785	9,921	7,976
Net tonnage	76,246	16,279	12,307	5,514	4,435
<b>1991</b>					
Number of vessels	139,969	19,642	16,625	9,708	10,136
Gross tonnage	129,391	26,856	22,340	10,570	6,596
Net tonnage	71,819	15,163	12,404	6,263	3,518
<b>1992 P</b>					
Number of vessels	...	...	...	...	...
Gross tonnage	...	...	...	...	...
Net tonnage	...	...	...	...	...

\* Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Limay, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, Jose Panganiban, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Princesa, Surigao & Virac.

P Preliminary

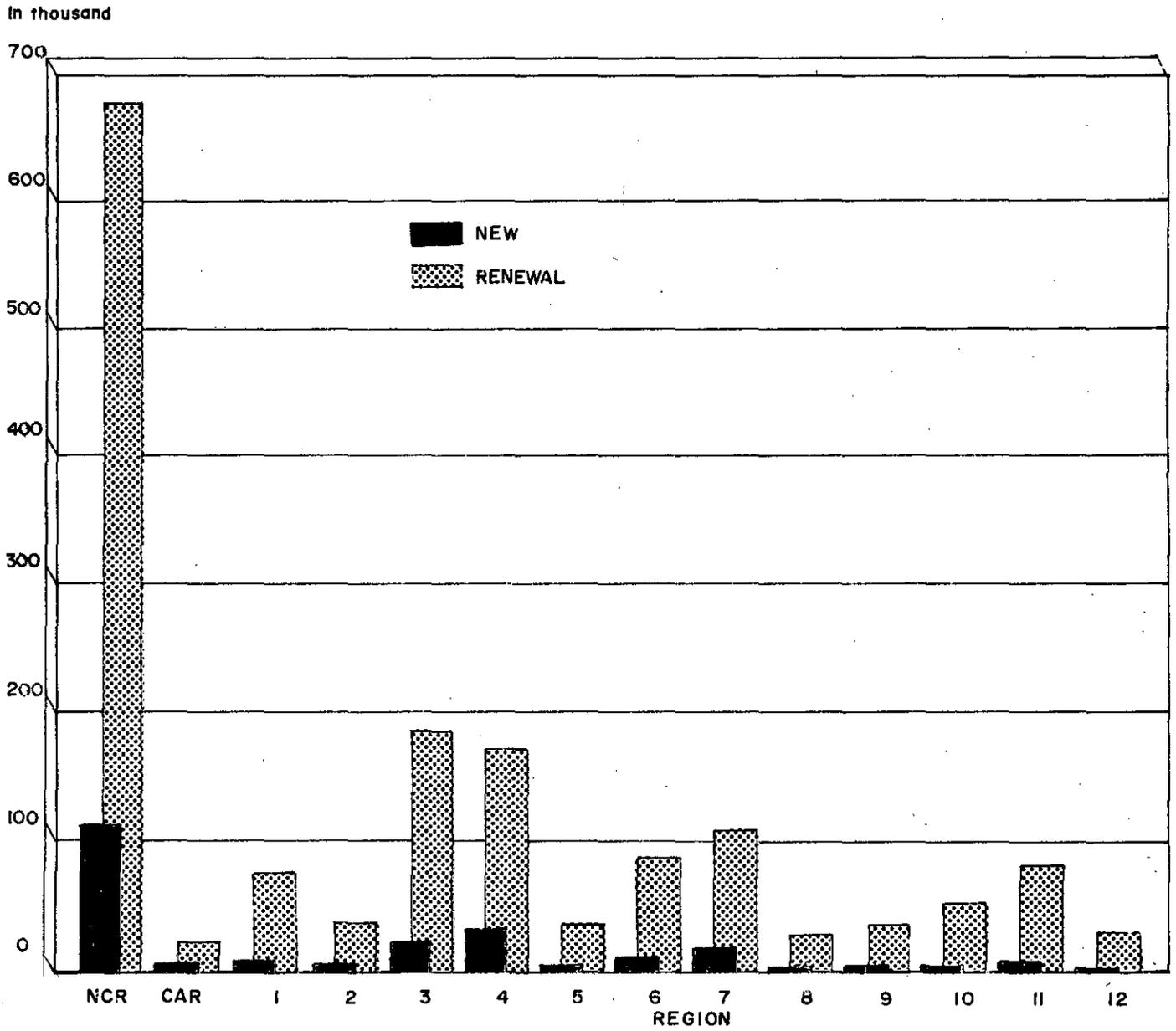
Note: Data are as of September 1992 only.

Source: National Statistics Office.

Table 13.5 (continued)

Others*	International trade					
	Total	Manila	Cebu	Iloilo	Zamboanga	Others*
77,893	10,971	3,752	608	230	288	6,093
44,701						
27,187	67,625	19,052	3,015	869	2,000	42,689
78,229	11,846	3,970	710	204	286	6,676
49,110						
28,675	73,101	18,741	3,348	723	1,976	48,313
84,989	11,865	4,255	811	121	272	6,406
51,580						
30,227	76,934	22,118	3,878	680	2,170	48,088
87,378	12,428	4,252	944	124	263	6,845
53,383						
30,755	77,654	22,104	3,991	631	1,826	49,102
95,308	14,278	5,201	1,060	184	305	7,528
63,527						
35,699	83,949	25,598	4,952	707	1,562	51,130
96,016	14,897	5,778	1,073	202	297	7,547
70,268						
37,711	91,638	30,928	4,873	919	1,613	53,305
83,858	14,457	5,367	1,064	173	289	7,564
63,029						
34,471	88,549	28,154	4,091	853	1,362	54,089
...	10,597	4,188	813	129	169	5,298
...						
...	63,939	22,011	3,929	804	830	36,365

Figure 13.2 Number of Motor Vehicles Registered by Region: 1992



**Table 13.6**  
**INTERNATIONAL AND COASTWISE SHIPPING MOVEMENTS**  
**1980 to 1992**

Year	International shipping movements at the Port of Manila			
	Entered		Cleared	
	Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
1980	2,682	11,687	2,658	11,567
1981	2,451	11,640	2,429	11,552
1982	2,408	12,130	2,413	12,102
1983	2,388	12,692	2,382	12,586
1984	1,803	9,701	1,789	9,575
1985	1,882	9,569	1,870	9,483
1986	1,993	9,448	1,977	9,293
1987	2,141	11,186	2,114	10,932
1988	2,138	11,118	2,114	10,986
1989	2,604	12,838	2,597	12,760
1990	2,896	15,523	2,882	15,405
1991	2,688	14,086	2,679	14,068
1992 P	2,219	11,662	1,969	10,349

Year	Coastwise shipping movements at major ports (26 ports) *			
	Entered		Cleared	
	Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
1980	76,410	25,954	76,388	26,182
1981	71,787	24,609	71,796	23,834
1982	69,035	25,726	70,398	25,943
1983	69,699	28,299	70,608	28,315
1984	63,726	24,999	63,175	26,407
1985	69,976	26,567	68,695	26,159
1986	68,829	27,670	68,662	27,597
1987	72,678	28,964	72,601	28,915
1988	74,282	30,652	74,413	30,321
1989	80,649	35,391	80,363	35,103
1990	81,475	38,242	81,391	38,004
1991	62,070	29,806	60,016	28,189
1992	...	...	...	...

\* Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Cebu, Iloilo, Limay, Manila, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Princesa, Surigao, Virac and Zamboanga.

P Preliminary

Note: Data are as of September 1992.

Source: National Statistics Office.

Table 13.7

**NUMBER AND GROSS TONNAGE OF REGISTERED PHILIPPINE VESSELS  
1983 TO 1992**

Vessels by gross tonnage/ by type of service	1983		1984		1985		1986		1987	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	796	1,064,279	698	2,703,026	835	4,334,241	819	4,393,786	1,128	5,906,312
Passenger ships	46	68,289	9	3,404	12	31,401	10	4,910	15	4,347
Cargo ships	179	916,972	216	2,314,287	278	4,168,829	256	4,105,828	334	5,820,463
Tanker	24	7,594	15	332,308	44	71,221	20	201,670	17	13,004
Tugs, dredges, etc.	43	5,740	26	4,891	38	9,115	39	5,312	32	6,491
Light barges, etc.	77	40,016	37	30,231	63	32,764	49	51,242	66	31,066
Fishing vessels	355	21,818	217	12,298	282	17,012	328	21,079	462	28,047
Sailing vessels	40	2,524	105	2,544	75	2,069	73	2,225	156	1,851
Pleasure yachts	14	566	13	391	7	296	5	90	17	925
Miscellaneous ships	18	760	60	2,672	36	1,534	39	1,430	29	118

Vessels by gross tonnage/ by type of service	1988		1989		1990		1991		1992	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	1,129	4,563,349	1,022	4,503,651	1,140	4,342,808	807	3,042,901	867	2,807,875
Passenger ships	30	74,033	32	63,953	62	593,948	22	22,562	21	33,197
Cargo ships	322	4,300,914	369	4,132,216	429	3,655,181	300	2,939,349	275	2,668,935
Tanker	22	108,828	24	238,388	19	11,936	23	10,634	24	26,166
Tugs, dredges, etc.	41	4,432	48	6,266	58	6,106	41	4,933	51	4,876
Light barges, etc.	83	44,254	79	38,999	64	38,414	64	35,384	65	48,139
Fishing vessels	419	26,387	361	21,567	479	36,584	259	26,381	391	24,202
Sailing vessels	51	1,306	25	1,048	0	0	0	0	0	0
Pleasure yachts	9	473	6	62	17	347	22	900	3	57
Miscellaneous ships	152	2,722	78	1,152	12	292	76	2,758	37	2,303

Source: Vessel Safety and Maritime Transportation Office, (CG-8) Philippine Coast Guard.

**Table 13.8**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES**  
**SYSTEM-WIDE OPERATIONS**  
**1980 TO 1992**  
*(In thousands)*

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	43,522	42,384	43,379	428	43,807
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	60,937	58,530	59,866	132	59,998
1989	60,960	57,771	59,150	149	59,299
1990	59,136	55,894	57,986	210	58,196
1991	63,089	59,174	60,884	276	61,160
1992	69,127	68,320	46,161	214	46,375

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
1980	6,033,347	8,965,939	3,313	712,033	49,650
1981	6,685,523	10,487,795	3,543	831,679	56,163
1982	7,368,957	10,466,092	3,890	881,209	61,737
1983	8,320,404	12,288,612	4,320	1,031,649	80,741
1984	8,367,865	11,567,720	4,394	1,055,480	83,503
1985	8,614,222	11,635,887	4,610	1,066,323	79,364
1986	8,900,879	12,066,382	4,834	1,108,694	89,157
1987	9,259,910	12,200,536	5,244	971,152	104,311
1988	10,712,832	13,986,713	5,717	1,360,994	106,780
1989	10,592,931	14,047,177	5,912	1,381,451	120,737
1990	10,518,426	14,520,725	5,665	1,360,203	118,323
1991	11,107,297	15,462,945	5,491	1,419,790	116,112
1992	12,945,995	17,760,245	6,205	1,599,501	122,365

Source: Philippine Air Lines.

**Table 13.9**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, DOMESTIC**  
**1980 TO 1992**  
*(In thousands)*

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	17,164	16,644	17,134	251	17,385
1981	17,063	16,233	16,497	239	16,736
1982	17,861	17,169	17,396	215	17,611
1983	19,595	18,970	19,395	211	19,606
1984	20,205	19,321	19,670	190	19,860
1985	20,286	19,428	19,815	140	19,955
1986	21,656	20,739	21,284	79	21,363
1987	22,639	21,803	22,613	91	22,704
1988	23,769	22,114	22,844	109	22,953
1989	24,937	22,581	23,284	122	23,406
1990	23,194	21,191	22,088	83	22,171
1991	22,197	20,662	21,130	61	21,191
1992	23,030	21,939	22,159	35	22,194

Year	Passenger service				Total revenue cargo carried (kg)
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	
1980	1,100,653	1,549,875	2,299	98,690	28,035
1981	1,166,839	1,562,907	2,445	102,326	28,440
1982	1,258,704	1,661,506	2,674	112,273	35,648
1983	1,392,516	1,862,517	2,982	126,759	45,548
1984	1,452,001	1,880,766	3,077	131,088	46,697
1985	1,551,995	1,947,919	3,267	140,100	46,584
1986	1,620,224	2,042,847	3,457	150,421	54,980
1987	1,774,545	2,213,965	3,769	168,324	65,939
1988	1,868,192	2,262,588	3,956	174,293	63,820
1989	1,921,064	2,470,837	4,121	180,539	66,442
1990	1,866,374	2,632,705	3,988	183,123	68,794
1991	1,739,151	2,451,710	3,651	170,647	64,052
1992	1,989,270	2,641,958	4,092	189,630	69,994

Source: Philippine Air Lines.

**Table 13.10**  
**OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, INTERNATIONAL**  
**1980 TO 1992**  
*(In thousands)*

Year	Distance coverage				
	Scheduled kilometers	Schedule kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	26,358	25,740	26,244	177	26,421
1981	28,539	28,274	28,512	165	28,677
1982	28,036	27,803	28,271	251	28,522
1983	33,705	33,290	33,565	91	33,656
1984	31,365	31,040	31,292	45	31,337
1985	30,492	30,283	31,076	37	31,113
1986	32,308	32,344	32,372	17	32,389
1987	32,217	31,153	31,971	40	32,011
1988	37,168	36,416	37,022	23	37,045
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

Year	Passenger service				Total revenue cargo carried (kg)
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	
1980	4,932,694	7,416,064	1,014	613,343	21,615
1981	5,518,684	8,925,068	1,098	729,353	27,723
1982	6,110,253	8,804,586	1,216	768,936	26,089
1983	6,927,888	10,426,095	1,338	904,890	35,193
1984	6,915,864	9,686,954	1,317	924,392	36,806
1985	7,062,227	9,687,963	1,343	926,223	32,780
1986	7,280,655	10,023,535	1,377	958,273	34,177
1987	7,485,365	9,986,571	1,475	802,828	38,372
1988	8,844,640	11,724,125	1,761	1,186,701	42,960
1989	8,671,868	11,576,340	1,791	1,200,912	54,295
1990	8,652,052	11,888,021	1,677	1,177,080	49,529
1991	9,368,146	13,011,234	1,839	1,249,143	52,060
1992	10,956,725	15,118,287	2,113	1,409,871	52,371

Source: Philippine Air Lines.

Table 13.11

**AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS,  
MANILA  
1975 TO 1992**

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	20,537	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	19,221	3,106,660	1,505,165	1,601,495
1985	19,328	3,172,764	1,521,767	1,650,997
1986	19,656	3,213,675	1,538,394	1,675,281
1987	20,626	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

Note: Transit/transfer passengers are included in either arrival or departure passengers.

Source: Ninoy Aquino International Airport Authority.

**Table 13.12**  
**NUMBER OF REGISTERED AIRPORTS**  
**FY 1959-60 to CY 1992**

Year	Total	National	Private
FY 1959-60	101	64	37
1964-65	117	74	43
1969-70	123	75	48
1970-71	123	75	48
1971-72	135	76	59
1972-73	139	77	62
1973-74	146	78	68
1974-75	149	78	71
CY 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	170	76	94
1989	180	86	94
1990	173	86	87
1991	162	84	78
1992	143	82	61

Source: Air Transportation Office.

**Table 13.13**  
**PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE**  
**1980 TO 1992**  
*(In kilometers)*

Year	All types	Earth	Gravel	Asphalt	Concrete
<b>TOTAL</b>					
1980	151,918.76	53,914.64	70,284.71	17,634.41	10,085.00
1981	153,528.08	55,210.82	70,581.52	17,475.51	10,260.23
1982	154,473.30	10,417.04	124,595.72	11,106.41	8,354.13
1983	155,671.06	9,953.13	125,901.97	11,273.56	8,542.40
1984	157,139.10	9,580.17	127,531.31	11,298.51	8,729.11
1985	161,866.59	9,902.68	130,643.50	11,989.71	9,330.71
1986	162,325.13	9,684.19	127,515.37	11,933.78	9,365.56
1987	157,809.77	9,311.83	126,398.97	12,534.67	9,564.30
1988	157,447.53	9,068.15	126,050.84	12,524.26	9,804.29
1989	159,059.49	8,631.57	127,679.50	12,602.17	10,146.25
1990	160,380.11	8,496.61	128,952.71	12,573.16	10,357.63
1991	160,632.76	8,513.51	128,395.01	13,104.61	10,619.63
1992 P	161,694.95	7,835.31	128,436.67	13,108.80	12,314.17
<b>National</b>					
1980	23,641.10	856.47	12,668.54	4,906.35	5,209.74
1981	23,488.72	928.12	12,324.98	4,912.88	5,322.74
1982	23,783.45	886.40	12,431.35	4,918.44	5,547.26
1983	24,140.47	594.94	12,755.73	5,078.66	5,711.14
1984	25,116.75	651.19	13,419.89	5,316.35	5,729.32
1985	26,190.52	833.10	13,625.87	5,608.17	6,136.68
1986	26,229.68	747.13	13,702.00	5,618.34	6,162.21
1987	26,082.34	708.34	13,400.32	5,793.64	6,180.04
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	26,344.67	225.72	12,763.48	6,362.60	6,992.87
1992 P	26,554.43	215.90	12,966.19	6,122.44	7,249.90
<b>Local</b>					
1980	128,277.66	53,058.17	57,616.17	12,728.06	4,875.26
1981	130,039.36	54,282.70	58,256.54	12,562.63	4,937.49
1982	130,689.85	9,530.64	112,164.37	6,187.97	2,806.87
1983	131,530.59	9,358.19	113,146.24	6,194.90	2,831.26
1984	132,022.35	8,928.98	114,111.42	5,982.16	2,999.79
1985	135,676.07	9,069.58	117,030.92	6,381.54	3,194.03
1986	136,095.45	8,937.06	117,639.60	6,315.44	3,203.35
1987	131,727.43	8,603.49	112,998.65	6,741.03	3,384.26
1988	131,377.48	8,338.09	112,800.59	6,649.42	3,589.38
1989	132,949.41	8,327.38	114,383.23	6,649.42	3,589.38
1990	134,288.09	8,287.79	115,631.53	6,742.01	3,626.76
1991	134,288.09	8,287.79	115,631.53	6,742.01	3,626.76
1992 P	135,140.52	7,619.41	115,470.48	6,986.36	5,064.27

Note: The decrease of the length of road network from CY 1985 to 1988 was caused by the accumulated decrease in the correction and/or revision of the length of certain national and barangay road section nationwide; however, disaggregation of totals for 1985 and 1986 are not available.

P - Preliminary

Source: Department of Public Works and Highways.

**Table 13.14**  
**NUMBER AND LENGTH OF EXISTING BRIDGES IN THE PHILIPPINES**  
**1980 TO 1992**  
*(Length in linear meters)*

Year	Number of Bridges			Length of Bridges		
	Total	National	Local	Total	National	Local
1980	17,394	8,417	8,977	395,328.00	221,011.00	174,317.00
1981	17,866	8,599	9,267	404,178.06	224,493.00	179,685.06
1982	18,316	8,771	9,545	385,809.39	200,733.78	185,075.61
1983	18,777	8,946	9,831	395,383.81	204,755.94	190,627.87
1984	19,251	9,125	10,126	403,856.83	207,510.13	196,346.70
1985	19,738	9,308	10,430	427,977.83	225,640.73	202,337.10
1986	11,740	7,379	4,361	308,890.91	230,226.35	78,664.56
1987	11,572	7,211	4,361	304,305.31	225,640.75	78,664.56
1988	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56
1989	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56
1990	11,562	7,201	4,361	314,184.23	235,519.67	78,664.56
1991	11,297	6,936	4,361	323,164.43	244,499.87	78,664.56
1992	11,392	7,031	4,361	328,855.71	250,191.15	78,664.56

Note: The decrease from CY 1986 to 1987 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 OPERATIONAL PORTS, BY REGION**  
**1982 TO 1992**

Year	Total	Port of Entry	Sub-port of Entry	Other national port	Municipal port *	Private port
1982	543	38	15	24	226	240
1983	542	38	14	24	225	241
1984	542	38	14	24	226	240
1985	592	38	15	25	231	283
1986	607	38	15	25	237	292
1987	606	24	48	24	231	279
1988	392	19	54	0	85	234
1989	411	19	55	0	94	243
1990	399	29	57	0	92	221
1991	429	20	57	0	118	234
1992	425	19	59	0	124	223
Metro Manila Area (NCR)	13	2	1	0	1	9
Region 1	10	1	-	0	2	7
Region 2	2	-	2	0	-	-
Region 3	5	-	3	0	2	-
Region 4	54	2	9	0	14	29
Region 5	20	1	6	0	8	5
Region 6	46	1	4	0	8	33
Region 7	83	2	10	0	23	48
Region 8	34	1	7	0	15	11
Region 9	33	2	7	0	10	14
Region 10	74	3	4	0	34	33
Region 11	26	2	2	0	3	19
Region 12	25	2	4	0	4	15

\* Starting 1988 municipal port includes other national port.

Source: Philippine Ports Authority.

Table 13.16

NUMBER OF LICENSED RADIO STATIONS, BY TYPE OF STATION  
1983 TO 1992

Type of station	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Total	44,593	50,014	52,695	22,511	28,117	31,587	40,435	53,725	65,967	82,592
Government	7,785	8,341	8,604	1,698	1,917	2,015	2,312	2,543	3,292	3,771
Private	36,808	41,673	44,091	20,813	26,200	29,572	38,123	51,182	62,675	78,821
Broadcast radio stations	752	795	378	417	411	389	359	560	384	426
Broadcast AM	589	622	294	231	218	273	249	434	256	264
Broadcast FM	142	152	80	76	83	111	105	117	123	157
Broadcast SW	21	21	4	110	110	5	5	9	5	5
Television stations	56	56	68	41	51	42	42	43	58	64
Fixed point to point stations	14,243	15,810	16,277	5,413	6,122	6,463	6,895	7,505	8,083	8,465
Commercial CP	8,571	9,692	10,129	1,600	992	973	1,202	1,315	1,328	1,279
Non-commercial CV	5,672	6,118	6,148	3,813	5,130	5,490	5,693	6,190	6,755	7,186
Coastal station	315	380	403	137	763	642	677	680	726	737
Aircraft radio station	790	895	962	449	18	472	38	497	498	503
Land base radio station	2,402	2,693	2,824	2,064	2,533	2,652	2,734	3,083	3,466	3,648
Land mobile radio station	9,198	10,668	12,086	5,870	5,290	6,920	7,373	8,049	8,897	10,144
Citizens band radio station	3,388	3,633	3,633	903	912	492	482	566	465	146
Amateur radio stations	1,734	2,559	2,976	3,150	7,900	7,853	12,826	15,733	19,143	21,149
Radio training stations	143	337	357	64	85	85	105	113	122	116
Fixed aeronautical stations	205	205	210	32	68	69	130	168	73	83
Ship stations	3,546	3,606	3,881	2,259	1,884	2,269	2,654	2,774	2,995	3,337
Maritime portable stations	36	36	36	0	0	0	0	0	0	0
Repeater stations	...	...	...	...	...	43	143	170	553	321
TV relay/x'lator	...	...	...	7	92	45	62	70	74	73
Portable	...	...	...	...	...	1,043	1,401	3,066	5,031	7,445
Radio navigation	...	...	...	...	...	5	11	12	6	23
Special stations/ Earth Stations	...	...	...	7	71	88	90	0	88	124
Cellular Base	...	...	...	...	...	...	3	0	5	5
PRS Base	...	...	...	...	...	...	543	2,051	3,089	4,705
Cellular Mobile	...	...	...	...	...	...	0	0	217	985
PRS Mobile	...	...	...	...	...	...	359	1,675	2,326	3,531
PRS Port	...	...	...	...	...	...	1,196	4,367	6,105	9,722
PRS ML/P	...	...	...	...	...	...	...	...	73	142
TVRO	...	...	...	...	...	...	...	...	16	9
CATV	...	...	...	...	...	...	...	...	10	39
STL/Remote Control	...	...	...	...	...	...	...	...	33	34
BC AUX Transmitter	...	...	...	...	...	...	...	...	4	9
Remote Pick-up/BC(HF/SS)	...	...	...	...	...	...	...	...	33	6
GPRS/Mobile/GPRS/Base/ GPRS/PORTA	...	...	...	...	...	...	...	...	102	...
Cellular Porta	...	...	...	...	...	...	...	...	...	2,465
Paging Station	...	...	...	...	...	...	...	...	...	1
Paging Base	...	...	...	...	...	...	...	...	...	2
Paging Subscriber	...	...	...	...	...	...	...	...	...	360
VSAT Subscriber	...	...	...	...	...	...	...	...	...	2

Note: Data for 1975 - 1984 for Broadcast radio stations include ancillaries and other transceivers licenses.

Data for 1987 are existing radio stations.

Source: National Telecommunications Commission.

**Table 13.17**

**TELECOMMUNICATION FACILITIES AND BROADCASTING STATIONS  
IN THE PHILIPPINES, BY REGION  
1992**

Region	Telephone		Telegraph Stations	Telex Stations	Facsimile Stations	Radio Telephone	Radio Stations
	Lines	Exchange					
Philippines	887,229	338	2,131	91	5	143	82,592
NCR	600,626	50	0	0	0	0	30,707
CAR	8,500	3	64	4	-	6	0
Region 1	25,119	58	153	6	-	10	3,226
Region 2	5,361	11	127	5	-	5	1,087
Region 3	43,160	52	153	14	-	12	6,433
Region 4	39,990	51	297	7	-	43	4,534
Region 5	9,050	16	178	9	-	23	1,741
Region 6	40,870	22	209	8	2	5	7,408
Region 7	42,700	17	173	7	1	4	11,874
Region 8	9,150	13	196	5	-	9	915
Region 9	10,250	8	130	5	-	3	2,400
Region 10	20,455	16	154	10	1	11	6,124
Region 11	22,548	14	152	7	1	6	6,143
Region 12	9,450	7	145	4	-	6	0

Note: Data for telegraph, telex, fax and Radiotelephones are for area served.

Source: National Telecommunications Commission.

**Table 13.17A**  
**TELEPHONE DISTRIBUTION BY REGION**  
**1989 TO 1992**

Year/Region	Capacity	Total Connections	Population (000)	Tel. Density Per 100 population
1989	657,818	987,890	60,097	1.644
NCR	462,918	786,849	7,768	10.129
CAR	11,000	6,674	1,126	0.593
Region 1	16,924	9,927	3,452	0.288
Region 2	4,278	1,714	2,413	0.071
Region 3	35,564	30,533	6,002	0.509
Region 4	33,925	32,744	7,897	0.415
Region 5	7,500	6,863	4,293	0.160
Region 6	22,162	32,788	5,556	0.590
Region 7	23,319	39,185	4,531	0.865
Region 8	4,700	2,920	3,301	0.088
Region 9	5,737	9,808	3,128	0.314
Region 10	6,946	5,548	3,526	0.157
Region 11	20,895	20,652	4,232	0.488
Region 12	1,950	1,685	2,872	0.059
1990	668,311	888,964	60,680	1.465
NCR	462,776	658,570	7,929	8.306
CAR	7,000	7,191	1,146	0.628
Region 1	18,704	15,518	3,551	0.437
Region 2	5,840	6,033	2,341	0.258
Region 3	35,889	31,746	6,199	0.512
Region 4	38,329	45,815	8,266	0.554
Region 5	7,490	6,963	3,910	0.178
Region 6	22,543	33,452	5,393	0.620
Region 7	23,905	42,634	4,593	0.928
Region 8	8,000	2,386	3,055	0.078
Region 9	5,937	8,088	3,159	0.256
Region 10	8,367	7,182	3,510	0.205
Region 11	19,581	19,442	4,457	0.436
Region 12	3,950	3,944	3,171	0.124

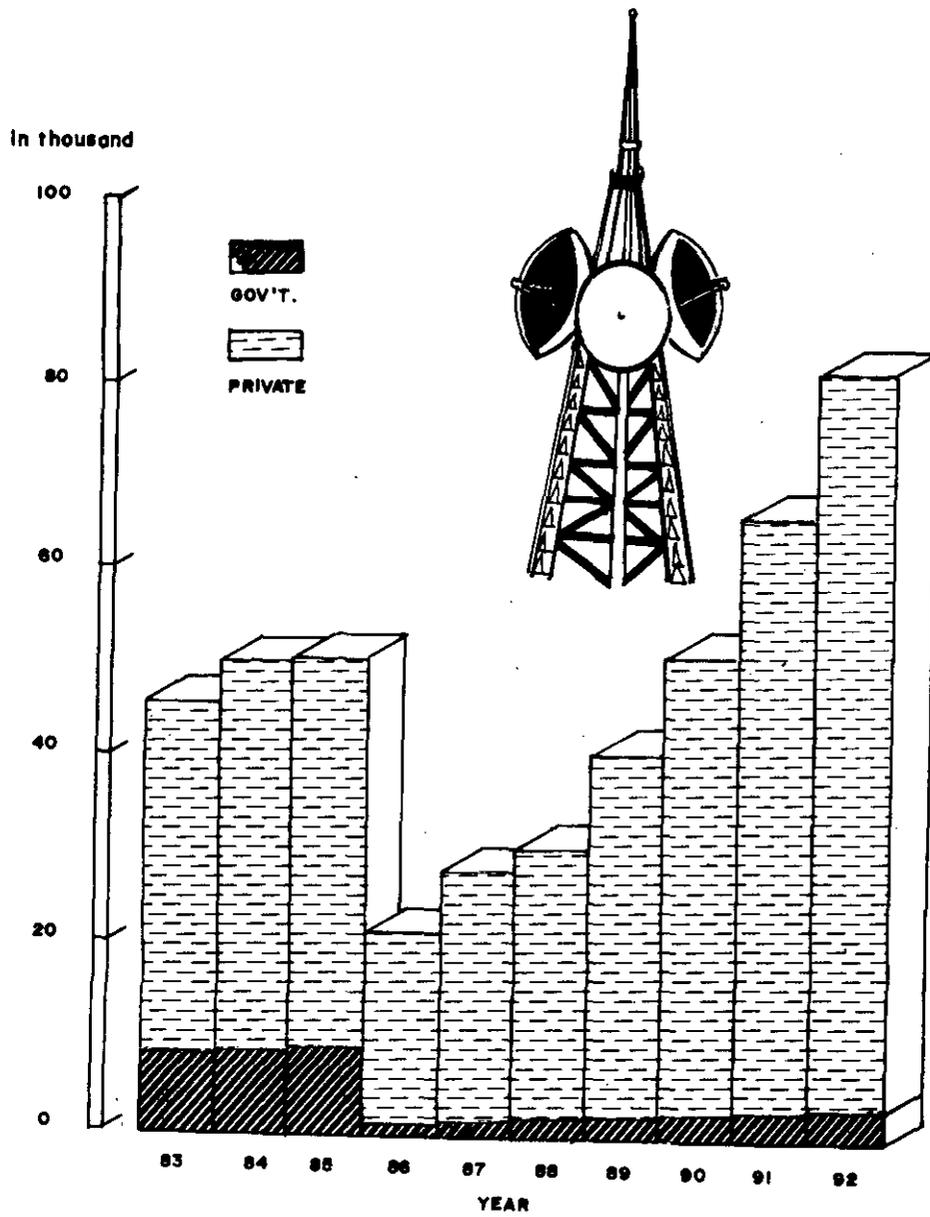
Note: Total population for 1990 includes homeless population and Filipinos in Philippine embassies/consulates and missions abroad.

Source of Basic Data: National Telecommunications Commission.

Table 13.17A (continued)

Year/Region	Capacity	Population (000)	Tel. Density Per 100 population
1991	788,894	62,867	1.255
NCR	546,604	4,371	6.684
Region 1	26,711	2,912	0.611
Region 2	5,316	6,282	0.183
Region 3	39,493	8,313	0.629
Region 4	39,348	4,484	0.474
Region 5	7,300	5,789	0.163
Region 6	23,538	4,701	0.407
Region 7	53,384	3,420	1.136
Region 8	7,000	3,262	0.205
Region 9	6,072	3,706	0.186
Region 10	10,490	4,436	0.283
Region 11	19,876	3,013	0.448
Region 12	3,762	8,178	0.125
1992	887,229	62,980	1.409
NCR	600,626	8,242	7.287
Region 1	33,619	4,362	0.771
Region 2	5,361	2,928	0.183
Region 3	43,160	6,301	0.685
Region 4	39,990	8,343	0.479
Region 5	9,050	4,478	0.202
Region 6	40,870	5,769	0.708
Region 7	42,700	4,694	0.910
Region 8	9,150	3,414	0.268
Region 9	10,250	3,259	0.314
Region 10	20,455	3,722	0.460
Region 11	22,548	4,445	0.746
Region 12	9,450	3,023	0.313

Figure 13.3 Number of Licensed Radio Stations by Ownership: 1983 to 1992



**Table 13.18**  
**NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP**  
**FY 1949-50 to CY 1992**

Year	Total	Government 1/	Private
FY 1949-50	1,337	595	742
1954-55	1,903	732	1,171
1959-60	3,746	1,517	2,229
1964-65	5,898	1,550	4,348
1969-70	10,596	2,446	8,150
1970-71	11,198	2,447	8,751
1971-72	12,991	3,222	9,769
1972-73	...	...	...
1974	11,868	1,683	10,185
1975	12,752	1,522	11,230
1976	13,278	1,504	11,774
1977	16,697	1,564	15,133
1978	16,605	1,590	15,015
1979	15,344	5,038	10,306
1980	20,022	5,340	14,682
1981	23,670	5,601	18,069
1982	33,121	6,397	26,724
1983	44,593	7,785	36,808
1984	50,014	8,341	41,673
1985	52,695	8,604	44,091
1986	22,511	1,698	20,813
1987	28,117	1,917	26,200
1988	31,587	2,015	29,572
1989	40,435	2,312	38,123
1990	53,725	2,543	51,182
1991	65,967	3,292	62,675
1992	82,592	3,771	78,821

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

Source: National Telecommunications Commission.

**Table 13.19**  
**SUMMARY OF MAIL VOLUME HANDLED**  
**1979 TO 1992**

Year	Posted Mails	Received from Foreign Countries	Total	Percent Increase (Decrease)
1979	292,211,521	108,843,586	401,055,107	
1980	319,854,652	120,149,103	440,003,755	9.71
1981	350,026,174	131,310,956	481,337,130	9.39
1982	348,748,524	128,387,684	477,136,218	(0.87)
1983	355,537,020	173,965,609	529,502,629	10.98
1984	400,953,068	167,705,010	568,658,078	7.39
1985	431,566,581	193,002,210	624,568,791	9.83
1986	555,913,199	194,992,094	750,905,293	20.23
1987	588,902,493	167,483,566	756,386,059	0.73
1988	636,604,462	162,610,399	799,214,861	5.66
1989	645,199,311	161,101,059	806,300,370	0.89
1990	637,389,435	166,659,037	804,048,472	(0.28)
1991	804,855,086	175,714,623	980,569,709	21.95
1992	958,752,246	198,004,876	1,156,757,122	17.97

Source: Postal Service Office.

Table 13.20

## REGIONAL COMMODITY FLOW OF THE PHILIPPINES BY MODE OF TRANSPORT: RAIL

1988 to 1992

(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
1988							
All Commodities	74,431	361,839	20,237	86,893	5,709		16,372
Metropolitan Manila Area (NCR)	19,085	151,226	6	81	26		100
Region 1	-	-	-	-	-		-
Region 3	6,343	17,372	10	33	5,678		16,229
Region 4	24,322	56,643	13,486	29,112	2		13
Region 5	24,679	136,598	6,734	57,667	3		30
1989							
All Commodities	66,928	318,902	16,825	62,647	1,351		4,393
Metropolitan Manila Area (NCR)	15,205	131,561	4	58	14		250
Region 1	-	-	-	-	-		-
Region 3	6,987	19,373	19	190	1,337		4,143
Region 4	17,521	40,934	10,057	12,691	-		-
Region 5	27,214	127,032	6,744	49,707	-		-
1990							
All Commodities	48,640	261,695	14,104	72,249	-		-
Metropolitan Manila Area (NCR)	7,234	100,030	2	78	-		-
Region 1	-	-	-	-	-		-
Region 3	-	-	-	-	-		-
Region 4	14,071	39,453	7,461	16,864	-		-
Region 5	27,334	122,212	6,641	55,307	-		-
1991							
All Commodities	21,023	156,592	4,309	41,660	-		-
Metropolitan Manila Area (NCR)	2,872	62,670	*	13	-		-
Region 1	-	-	-	-	-		-
Region 3	-	-	-	-	-		-
Region 4	3,291	14,158	574	2,921	-		-
Region 5	14,859	79,764	3,735	38,726	-		-
1992							
All Commodities	13,083	143,048	3,098	31,998	-		-
Metropolitan Manila Area (NCR)	2,826	71,095	-	-	-		-
Region 1	-	-	-	-	-		-
Region 3	-	-	-	-	-		-
Region 4	915	9,448	144	1,571	-		-
Region 5	9,343	62,506	2,954	30,427	-		-

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

Source: National Statistics Office.

Table 13.20 (continued)

nation						
Quantity	Region 3		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value
163	657	17,979	63,932	30,343	193,984	
60	125	543	4,430	18,450	146,490	
-	-	-	-	-	-	
11	70	2	9	643	1,031	
59	353	4,695	11,455	6,080	15,710	
33	109	12,739	48,038	5,170	30,753	
251	271	19,451	56,419	29,051	195,172	
*	13	451	4,307	14,736	126,933	
-	-	-	-	-	-	
-	-	22	162	5,609	14,878	
1	6	4,964	11,388	2,499	16,849	
250	251	14,014	40,562	6,206	36,512	
1	8	21,553	59,532	12,982	129,906	
*	6	336	2,503	6,896	97,443	
-	-	-	-	-	-	
-	-	-	-	-	-	
1	2	4,570	8,740	2,039	13,847	
-	-	16,646	48,289	4,047	18,616	
*	3	11,654	33,822	5,060	81,107	
-	-	71	1,939	2,801	60,718	
-	-	-	-	-	-	
-	-	-	-	-	-	
*	3	1,848	4,443	869	6,791	
-	-	9,734	27,441	1,390	13,597	
*	*	5,288	21,451	4,697	89,600	
-	-	84	2,080	2,742	69,015	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	213	1,445	558	6,432	
*	*	4,991	17,926	1,398	14,153	

**Table 13.21**  
**REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: AIR**  
**1989 TO 1992**  
*(Quantity in thousand kilograms; Value in thousand pesos)*

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
<b>1989</b>							
All Commodities	45,659	5,413,916	23,469	2,751,890	38	4,823	
Metropolitan							
Manila Area (NCR)	17,210	1,710,258	*	*	28	3,509	
Region 1	143	11,746	12	6,598	*	*	
Region 2	92	85,072	42	77,988	2	77	
Region 3	-	-	-	-	-	-	
Region 4	1,546	124,392	1,524	122,061	1	288	
Region 5	494	55,053	423	43,356	1	56	
Region 6	4,438	193,104	3,997	165,204	1	58	
Region 7	9,463	804,647	6,419	247,005	3	333	
Region 8	461	34,703	400	30,298	*	4	
Region 9	1,961	150,831	1,593	96,274	*	99	
Region 10	1,910	286,334	1,781	197,652	1	144	
Region 11	7,003	1,915,538	6,418	1,733,092	1	198	
Region 12	938	42,238	860	32,362	*	57	
<b>1990</b>							
All Commodities	46,168	4,741,836	24,196	2,611,524	53	3,704	
Metropolitan							
Manila Area (NCR)	18,338	1,599,733	-	-	43	2,785	
Region 1	104	91,409	13	88,869	*	*	
Region 2	111	31,643	97	26,792	*	29	
Region 3	-	-	-	-	-	-	
Region 4	1,636	88,738	1,623	85,996	1	170	
Region 5	624	67,401	537	54,244	3	93	
Region 6	3,404	178,309	3,048	152,188	1	147	
Region 7	5,360	487,458	4,014	324,847	4	187	
Region 8	414	54,633	328	47,163	*	30	
Region 9	2,180	162,141	1,840	85,125	*	63	
Region 10	1,636	301,259	1,537	291,768	*	33	
Region 11	11,245	1,639,137	10,109	1,421,162	1	109	
Region 12	1,116	39,975	1,050	33,370	*	58	

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

\* less than half the unit employed

Source: National Statistics Office.

Table 13.21 (continued)

nation							
Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
97	13,080	-	-	879	178,109	466	66,731
30	4,516	-	-	844	170,298	388	51,323
19	1,702	-	-	1	57	1	53
47	6,799	-	-	*	9	*	10
-	-	-	-	-	-	-	-
*	6	-	-	1	140	2	269
*	5	-	-	5	186	20	8,558
*	4	-	-	5	515	3	1,191
*	13	-	-	12	5,579	43	4,250
*	5	-	-	*	13	*	25
*	6	-	-	9	483	4	140
*	8	-	-	1	55	*	61
*	8	-	-	1	756	5	843
*	8	-	-	*	18	*	8
296	33,552	-	-	853	158,323	544	75,226
273	29,974	-	-	811	152,726	484	58,581
11	489	-	-	2	161	1	57
11	2,964	-	-	2	14	*	13
-	-	-	-	-	-	-	-
*	25	-	-	*	150	1	160
*	3	-	-	5	288	29	8,626
*	14	-	-	20	2,446	*	461
*	4	-	-	6	2,072	20	6,340
*	5	-	-	*	1	*	147
*	5	-	-	4	259	4	442
1	30	-	-	*	8	1	77
*	32	-	-	2	153	3	300
*	7	-	-	1	45	1	22

Table 13.21 (continued)

REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: AIR  
1989 TO 1992

(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Region 6		Region 7		Region 8		Dest i
	Quantity	Value	Quantity	Value	Quantity	Value	
1989							
All Commodities	6,714	464,169	6,193	608,980	1,252	159,309	
Metropolitan							
Manila Area (NCR)	5,735	326,067	5,099	418,900	846	132,393	
Region 1	93	1,868	2	386	*	23	
Region 2	*	36	*	64	*	32	
Region 3	-	-	-	-	-	-	
Region 4	2	436	10	846	*	72	
Region 5	1	243	37	1,944	3	247	
Region 6	1	118	370	19,188	7	1,026	
Region 7	821	129,065	92	46,994	384	24,780	
Region 8	5	221	52	3,944	-	-	
Region 9	6	700	132	11,828	7	309	
Region 10	8	1,454	65	83,220	1	90	
Region 11	41	3,421	296	16,631	4	265	
Region 12	1	540	38	5,035	*	72	
1990							
All Commodities	3,990	345,690	6,221	391,226	1,089	149,223	
Metropolitan							
Manila Area (NCR)	3,489	309,317	4,756	315,743	906	135,637	
Region 1	61	1,141	2	207	*	10	
Region 2	*	53	1	1,617	*	4	
Region 3	-	-	-	-	-	-	
Region 4	4	992	5	695	*	69	
Region 5	6	393	32	2,506	1	46	
Region 6	1	110	278	17,500	9	516	
Region 7	294	26,048	51	4,638	162	12,047	
Region 8	4	415	79	6,425	*	*	
Region 9	8	1,048	173	12,699	5	347	
Region 10	6	993	36	4,545	4	367	
Region 11	116	4,720	786	20,637	2	148	
Region 12	1	460	22	4,014	*	32	

Table 13.21 (continued)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
2,410	347,296	1,668	352,691	4,074	319,291	520	147,544
1,515	123,809	1,509	203,489	2,917	229,127	420	46,826
1	75	1	477	14	455	*	53
*	1	*	38	*	8	*	9
-	-	-	-	-	-	-	-
*	51	1	49	3	150	1	22
1	69	1	78	2	253	1	59
5	1,006	10	1,489	39	2,837	2	469
533	130,449	90	41,183	998	78,930	67	96,066
*	49	1	43	2	98	*	3
153	34,982	3	417	51	4,543	3	1,050
4	490	1	186	47	2,731	1	243
186	54,928	51	104,940	*	46	1	409
12	1,387	*	302	1	113	24	2,335
2,968	460,288	1,646	166,116	3,733	292,338	580	54,623
2,472	154,946	1,509	149,533	3,095	242,085	499	48,406
1	32	1	111	14	304	*	27
*	2	*	128	*	25	*	3
-	-	-	-	-	-	-	-
*	75	1	220	1	177	*	9
6	788	1	122	3	227	1	63
6	803	11	890	28	2,971	2	265
224	58,939	41	8,268	506	40,826	38	3,242
1	187	1	113	1	137	*	10
98	58,016	4	496	39	2,593	5	1,047
4	402	1	82	45	2,889	*	64
150	185,400	75	5,984	*	61	1	431
6	698	1	169	1	43	34	1,056

Table 13.21 (continued)

REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: AIR  
1989 TO 1992

(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Dest i					
	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1991						
All Commodities	46,785	5,785,343	25,464	3,639,166	418	3,394
Metropolitan						
Manila Area (NCR)	17,384	1,573,283	*	18	415	3,004
Region 1	81	5,136	8	2,550	-	-
Region 2	82	96,858	46	79,851	*	33
Region 3	-	-	-	-	-	-
Region 4	1,223	111,521	1,203	108,534	*	59
Region 5	583	110,718	503	55,770	1	95
Region 6	2,827	171,298	2,525	144,529	*	41
Region 7	8,785	632,126	7,094	428,790	2	46
Region 8	257	30,729	228	27,828	*	2
Region 9	2,114	206,996	1,614	100,869	*	36
Region 10	1,552	158,660	1,484	151,631	*	8
Region 11	11,044	2,641,862	9,948	2,499,839	*	38
Region 12	853	46,156	811	38,957	*	32
1992						
All Commodities	49,603	6,207,381	24,849	3,348,020	16	6,907
Metropolitan						
Manila Area (NCR)	21,178	1,822,056	-	-	14	6,460
Region 1	67	19,794	4	17,472	*	3
Region 2	87	137,881	37	129,345	*	20
Region 3	-	-	-	-	-	-
Region 4	1,363	144,153	1,342	139,695	*	38
Region 5	586	110,404	516	64,137	*	4
Region 6	3,518	174,782	3,343	157,754	*	52
Region 7	9,295	1,061,165	7,623	492,963	1	183
Region 8	159	26,619	150	25,810	*	1
Region 9	2,142	297,149	1,569	142,223	*	55
Region 10	1,891	176,289	1,826	128,162	*	19
Region 11	8,630	2,194,933	7,786	2,014,617	1	69
Region 12	687	42,156	653	35,842	*	3

Table 13.21 (continued)

nation							
Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
204	35,842	-	-	749	186,052	622	110,045
130	10,894	-	-	675	177,810	552	52,191
37	1,447	-	-	3	149	1	46
29	16,732	-	-	5	71	*	44
-	-	-	-	-	-	-	-
1	34	-	-	1	249	*	65
1	27	-	-	5	210	31	51,278
*	9	-	-	44	4,204	2	269
6	6,648	-	-	12	2,876	29	5,524
*	1	-	-	*	1	*	23
*	14	-	-	*	132	3	315
*	23	-	-	*	22	1	75
*	12	-	-	4	325	3	206
*	1	-	-	*	3	*	9
136	17,263	-	-	1,602	202,485	795	108,487
60	7,929	-	-	1,557	194,391	722	62,326
27	893	-	-	1	56	*	49
47	8,319	-	-	3	53	*	85
-	-	-	-	-	-	-	-
*	23	-	-	*	182	*	94
*	7	-	-	*	41	40	42,419
*	5	-	-	25	3,605	1	170
*	8	-	-	11	3,892	28	2,763
*	4	-	-	*	*	*	4
*	8	-	-	*	54	1	177
*	4	-	-	1	54	1	105
2	62	-	-	4	150	2	223
*	1	-	-	*	7	*	72

Table 13.21 (continued)

REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: AIR  
1989 TO 1992

(Quantity in thousand kilograms; Value in thousand pesos)

Year/Origin	Region 6		Region 7		Region 8		Dest i
	Quantity	Value	Quantity	Value	Quantity	Value	
1991							
All Commodities	5,263	359,291	5,179	379,194	1,232	195,942	
Metropolitan							
Manila Area (NCR)	4,603	308,788	3,784	300,224	1,142	147,143	
Region 1	29	690	1	57	*	*	
Region 2	*	46	*	38	*	11	
Region 3	-	-	-	-	-	-	
Region 4	4	986	13	1,383	*	8	
Region 5	9	277	22	1,836	1	95	
Region 6	1	65	196	15,141	8	591	
Region 7	514	41,992	108	10,880	73	47,515	
Region 8	1	158	26	2,521	-	-	
Region 9	7	1,005	299	16,388	4	248	
Region 10	3	801	23	3,096	2	218	
Region 11	92	4,177	686	23,791	2	100	
Region 12	*	306	21	3,839	*	13	
1992							
All Commodities	6,319	465,979	5,581	450,240	1,455	313,530	
Metropolitan							
Manila Area (NCR)	5,735	366,759	4,509	328,607	1,386	164,800	
Region 1	30	961	1	119	*	3	
Region 2	*	23	*	12	*	1	
Region 3	-	-	-	-	-	-	
Region 4	5	2,330	11	1,298	*	11	
Region 5	3	744	22	2,439	*	79	
Region 6	1	60	105	8,670	4	950	
Region 7	361	85,829	110	59,346	57	147,025	
Region 8	2	146	6	482	-	-	
Region 9	9	1,286	310	16,209	6	386	
Region 10	4	620	24	3,711	1	148	
Region 11	168	6,935	463	26,042	1	123	
Region 12	1	286	20	3,305	*	4	

Note: Totals may not add up due to rounding.

Table 13.21 (continued)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,738	328,557	1,664	178,453	3,726	302,469	521	66,932
1,217	126,950	1,419	152,247	2,999	239,258	447	54,754
1	40	*	13	1	108	*	35
*	*	*	8	*	18	*	4
-	-	-	-	-	-	-	-
*	61	*	66	1	76	*	*
8	673	2	191	2	251	*	14
4	594	11	1,317	33	4,260	2	278
227	21,313	73	10,645	601	51,362	46	4,536
1	118	*	30	*	40	*	9
113	76,389	2	691	55	4,776	16	6,132
3	343	1	127	34	2,270	*	45
154	100,106	155	12,877	*	19	1	371
10	1,970	1	241	*	31	9	754
1,672	600,514	2,014	202,842	4,318	432,413	843	58,700
1,070	175,308	1,850	179,744	3,503	284,576	773	51,155
1	36	*	27	1	142	*	34
*	2	*	7	*	11	*	3
-	-	-	-	-	-	-	-
1	272	1	57	1	141	*	11
1	120	*	30	4	372	*	11
5	510	7	648	25	2,016	2	343
267	148,880	99	16,290	691	99,158	47	4,830
*	81	*	17	1	61	*	11
166	131,373	3	564	63	3,591	15	1,222
2	394	1	101	28	42,300	3	672
152	141,755	50	4,731	1	18	1	207
7	1,783	3	626	*	27	2	199

Table 13.22

REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: WATER  
1990 TO 1991

(Quantity in thousand kilograms; Value in thousand pesos)

Year/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
1990							
All Commodities	18,891,778	153,390,645	5,569,404	49,330,402	408,896	2,146,167	
Metropolitan							
Manila Area (NCR)	1,101,207	18,000,914	544	5,819	2	12	
Region 1	42,392	216,127	-	-	-	-	
Region 2	10,793	53,611	10,466	50,174	-	-	
Region 3	3,260,928	20,266,380	1,869,772	11,298,316	69,847	450,298	
Region 4	3,205,369	24,208,029	306,487	1,861,223	267,505	1,430,536	
Region 5	508,611	7,849,457	42,445	257,289	6,733	10,229	
Region 6	1,938,401	17,290,099	755,734	7,671,759	-	-	
Region 7	3,236,019	21,869,450	321,687	3,411,193	14,040	64,358	
Region 8	907,096	6,257,534	217,271	1,119,279	40,900	178,590	
Region 9	442,428	3,373,661	63,405	603,304	-	-	
Region 10	805,483	5,354,213	210,453	1,582,079	1,869	3,144	
Region 11	2,254,012	22,040,693	1,285,591	17,675,021	8,000	9,000	
Region 12	1,179,039	6,610,477	485,549	3,794,946	-	-	
1991							
All Commodities	23,208,959	218,471,325	6,977,817	67,341,486	474,471	2,943,962	
Metropolitan							
Manila Area (NCR)	2,422,681	36,421,873	3,981	37,927	2,080	1,666	
Region 1	33,992	209,051	274	2,738	62	374	
Region 2	8,568	49,217	6,291	29,963	-	-	
Region 3	4,219,161	27,946,406	2,516,431	16,361,097	98,028	796,043	
Region 4	3,157,654	29,376,864	319,937	2,334,804	281,653	1,713,167	
Region 5	526,646	10,108,863	32,635	193,343	1,659	6,048	
Region 6	1,755,120	18,179,402	707,077	8,936,194	315	394	
Region 7	3,614,223	30,056,157	562,289	7,135,520	31,739	137,800	
Region 8	949,253	12,991,727	209,762	1,630,530	38,848	246,710	
Region 9	555,897	4,840,372	85,742	1,185,799	-	-	
Region 10	1,754,760	12,085,727	342,453	3,160,314	-	-	
Region 11	2,718,084	24,015,583	1,530,670	18,304,657	20,087	41,760	
Region 12	1,492,920	12,190,083	660,275	8,028,600	-	-	

Table 13.22 (continued)

nation							
Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
16,552	137,341	29,771	187,846	1,362,684	13,055,661	622,364	5,350,190
1,610	19,168	23	202	75,390	978,091	24,134	248,148
-	-	1,160	10,123	700	3,920	994	3,976
-	-	-	-	-	-	-	-
11,646	92,814	2,983	27,771	140,220	898,277	42,318	262,812
1,978	16,676	11,012	99,044	897,244	10,071,239	154,011	949,851
-	-	25	162	6,071	23,145	66,304	538,792
-	-	4,911	25,122	34,028	191,822	43,776	420,483
-	-	2,100	10,844	47,166	333,594	80,719	654,259
-	-	6,450	6,090	29,359	65,280	75,046	2,006,846
-	-	-	-	1,823	9,164	3,103	7,821
1,318	8,683	6	62	13,673	73,920	12,845	18,996
-	-	1,101	8,426	61,213	157,244	72,119	102,350
-	-	-	-	55,797	249,965	46,995	135,856
13,673	94,460	46,135	292,993	1,663,767	18,485,923	876,158	10,821,085
1,156	10,411	4,954	27,962	109,309	1,710,936	29,939	377,994
-	-	1,330	6,130	-	-	500	1,450
294	7,230	-	-	-	-	-	-
10,008	68,933	6,787	52,687	290,725	2,032,078	29,595	157,800
1	10	10,296	95,958	910,138	12,937,909	157,558	1,225,070
-	-	2	23	48,464	262,684	51,687	476,729
1,232	3,739	4,514	27,054	56,573	356,351	40,346	442,613
727	1,892	2,860	18,962	44,609	332,797	115,625	895,210
-	-	6,989	26,328	10,008	57,758	228,221	6,641,529
-	-	-	-	5,637	10,967	1,680	2,940
255	2,245	1,438	13,658	66,765	373,806	109,118	314,698
-	-	6,965	24,231	73,735	237,619	80,143	148,073
-	-	-	-	47,804	173,018	31,746	136,979

Table 13.22

**REGIONAL COMMODITY FLOW IN THE PHILIPPINES BY MODE OF TRANSPORT: WATER  
1990 TO 1991**
*(Quantity in thousand kilograms; Value in thousand pesos)*

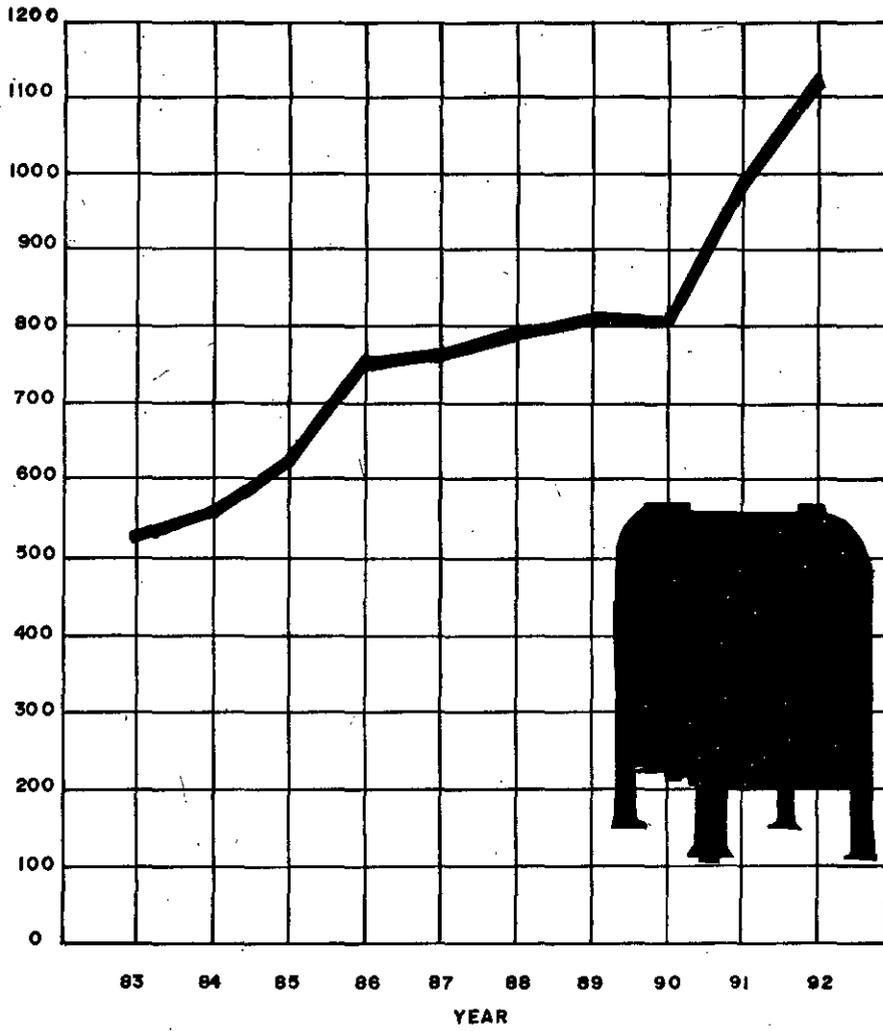
Year/ Origin	Region 6		Region 7		Region 8		Dest.
	Quantity	Value	Quantity	Value	Quantity	Value	
1990							
All Commodities	2,082,810	15,571,090	3,153,411	23,742,925	1,226,216	12,592,642	
Metropolitan							
Manila Area (NCR)	165,704	2,853,246	351,354	5,516,647	70,669	1,229,219	
Region 1	-	-	38	253	39,500	197,855	
Region 2	44	491	-	-	-	-	
Region 3	261,917	1,816,863	314,210	1,858,738	81,108	520,445	
Region 4	304,351	1,922,390	524,211	3,120,530	113,214	622,122	
Region 5	23,615	101,963	55,384	249,652	216,376	5,808,269	
Region 6	583,616	4,634,276	294,784	2,268,307	46,482	439,025	
Region 7	346,310	2,922,507	516,897	4,296,167	449,354	2,499,247	
Region 8	89,977	441,388	150,318	813,861	39,072	251,672	
Region 9	7,667	68,282	89,509	651,428	58	477	
Region 10	28,739	98,197	305,816	1,855,187	43,248	658,493	
Region 11	97,480	255,271	336,165	2,019,639	55,005	153,664	
Region 12	173,390	456,216	214,725	1,092,516	72,130	212,154	
1991							
All Commodities	2,368,897	18,324,105	4,150,710	38,839,072	1,332,600	18,164,327	
Metropolitan							
Manila Area (NCR)	630,708	5,442,234	866,542	12,639,361	119,419	2,412,097	
Region 1	80	1,750	342	16,371	31,404	180,238	
Region 2	1,408	9,151	-	-	-	-	
Region 3	211,440	1,698,356	388,410	2,566,254	81,664	550,993	
Region 4	292,552	2,162,503	471,822	3,536,674	76,938	591,710	
Region 5	25,504	115,024	42,351	237,921	273,873	8,476,825	
Region 6	427,553	3,713,052	299,393	2,449,150	45,289	420,589	
Region 7	313,884	3,174,514	431,868	5,835,117	444,417	3,119,602	
Region 8	70,592	537,581	104,542	750,669	40,710	343,070	
Region 9	11,685	134,823	86,329	823,769	3,939	14,602	
Region 10	131,321	517,165	620,199	4,659,138	85,849	1,631,518	
Region 11	71,314	234,523	461,350	2,989,423	73,024	260,551	
Region 12	180,856	583,429	377,562	2,335,225	56,074	162,532	

Table 13.22 (continued)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
744,573	5,678,824	1,843,353	11,117,408	1,131,301	9,852,638	700,443	4,627,511
60,508	966,830	161,056	2,890,728	150,327	2,654,160	39,886	638,644
-	-	-	-	-	-	-	-
17	90	266	2,856	-	-	-	-
76,692	541,292	149,192	872,582	121,008	756,203	120,015	869,969
50,838	350,620	152,914	977,271	346,765	2,287,280	74,839	499,247
850	4,250	15,403	56,968	21,732	540,914	53,673	257,824
58,516	550,641	51,359	524,012	28,344	301,671	36,851	262,981
127,718	1,111,337	1,020,710	4,129,819	170,950	1,531,401	138,368	904,724
12,003	57,446	105,567	648,598	45,342	216,838	95,791	451,646
202,710	1,432,087	10,209	66,168	31,930	365,863	32,014	169,067
6,052	20,012	101,021	617,673	11,229	60,977	69,214	356,790
98,042	446,876	25,231	71,942	184,522	991,103	29,543	150,157
50,627	197,343	50,425	258,791	19,152	146,228	10,249	66,462
828,625	7,462,963	2,490,553	16,336,584	1,285,149	14,053,175	700,404	5,311,190
100,477	1,798,790	232,761	5,122,402	256,510	5,677,730	64,845	1,162,363
-	-	-	-	-	-	-	-
-	-	575	2,873	-	-	-	-
108,512	793,982	189,918	1,123,699	155,573	1,002,919	132,070	741,565
53,381	338,012	157,993	1,290,623	338,301	2,552,864	87,084	597,560
1,430	7,400	9,589	77,602	1,753	16,525	37,699	238,739
59,980	649,920	44,542	496,849	38,316	424,951	29,990	258,546
118,888	1,194,922	1,228,120	5,044,752	202,078	2,160,345	117,119	1,004,724
8,939	57,809	114,392	1,989,785	28,600	186,513	87,650	523,445
192,216	1,577,287	7,342	56,875	96,043	801,859	65,284	231,451
21,911	124,440	303,252	714,902	17,597	186,997	54,602	386,846
103,992	676,770	147,498	94,130	129,951	871,632	19,355	132,214
58,899	243,631	54,571	322,092	20,427	170,840	4,706	33,737

Figure 13.4 Summary of Mail Volume Handled: 1983 to 1992

In thousand



# 14 ENERGY AND WATER RESOURCES

The field of energy is a major economic concern of the government playing an important role in the development process in terms of stimulating the economy and supporting the rising standard of living. 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 solar, ocean and wind power which are non-conventional sources of energy. 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 sale to industrial consumers, electric energy consumption by sector and power generation by utility.

Similarly, the water resource sector is an important area of concern because water, while naturally abundant in the country, has now become a scarce commodity in some areas. The country's annual rainfall is about 2,000 millimeters while its dependable supply from rivers is about 700 million cubic meters per day. The data on water included in this chapter cover duly organized water districts with filed and issued conditional certificates of conformance per region and irrigated and benefited areas, irrigated areas classified by type of system, by region and province.

Statistics on energy and water resources are produced by the Office of Energy Affairs, National Irrigation Administration and Local Water Utilities Administration.

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**Table 14.1**  
**ENERGY CONSUMPTION BY SOURCE: 1983 TO 1992**  
*(In Million Barrels of Fuel-Oil Equivalent, MBFOE)*

Energy Source	1983	1984	1985	1986	1987	1988	1989	1990	1991 P	1992 P
<b>TOTAL</b>	98.47	93.78	92.07	93.29	100.05	108.12	117.24	120.58	122.46	132.51
<b>INDIGENOUS ENERGY</b>	34.02	39.11	40.58	41.35	38.16	40.28	41.76	41.31	40.61	37.45
I. Conventional	19.43	24.10	24.39	25.13	22.83	25.84	26.23	25.22	25.07	22.79
Oil	4.65	3.54	2.41	2.85	1.75	1.91	1.72	1.53	1.06	0.54
Coal	2.63	3.65	3.84	4.02	4.27	4.78	4.17	3.82	5.21	5.09
Hydro	5.12	9.10	9.61	10.37	9.00	10.80	11.18	10.45	8.87	7.33
Geothermal	7.03	7.81	8.53	7.89	7.81	8.35	9.16	9.42	9.93	9.83
II. Non-Conventional	14.60	15.01	16.19	16.22	15.33	14.44	15.53	16.09	15.54	14.66
Bagasse	5.48	6.57	4.36	4.09	3.54	4.59	6.14	5.42	6.15	6.06
Agriwaste	9.06	8.25	11.63	11.65	11.23	9.33	9.12	10.35	9.03	8.19
Others	0.06	0.19	0.20	0.48	0.56	0.52	0.27	0.32	0.36	0.41
<b>IMPORTED ENERGY</b>	66.45	54.67	51.49	51.93	61.89	67.84	75.48	79.27	81.85	95.05
Oil	63.54	52.64	47.28	49.76	59.18	64.25	72.48	76.20	78.58	92.52
Coal	0.91	2.03	4.21	2.17	2.71	3.59	3.00	3.07	3.28	2.54

P Preliminary

Note: Totals may not add up due to rounding.

Source: Office of Energy Affairs.

Table 14.2

**CRUDE OIL SOURCES BY COUNTRY OF ORIGIN: 1977 TO 1992**  
*(Volume in thousand barrels; CIF value in thousand US dollars)*

Country	1977		1978		1979		1980	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	70,850	837,323	72,930	854,984	67,048	1,279,506	68,014	2,107,704
MIDDLE EAST	51,293	653,110	51,951	676,777	46,956	888,891	49,952	1,516,219
Saudi Arabia	25,784	323,223	20,515	266,279	23,159	418,422	27,831	819,159
Kuwait	11,982	155,271	12,331	158,842	10,004	188,163	9,385	285,143
Iran	4,239	53,133	6,056	77,494	1,921	39,822	-	-
Iraq	9,288	121,483	12,739	170,013	11,872	242,484	7,843	245,675
Abu Dhabi	-	-	-	-	-	-	602	20,994
Qatar	-	-	-	-	-	-	1,344	46,310
Dubai	-	-	310	4,149	-	-	2,021	67,696
Oman	-	-	-	-	-	-	926	31,242
Neutral Zone	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-
OTHER REGION	19,557	184,213	20,979	178,207	20,092	390,615	18,062	591,485
Indonesia	10,439	140,664	11,478	155,222	8,015	155,666	6,081	191,937
Malaysia	3,033	43,549	1,472	21,547	3,082	69,637	3,561	132,784
Brunei	-	-	99	1,438	1,910	40,356	1,455	51,754
China (PROC)	6,085	...	7,930	...	7,085	124,956	6,965	215,010
Mexico	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-

Country	1985		1986		1987		1988	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Total	48,843	1,337,450	50,412	695,691	61,149	1,080,326	70,783	1,008,443
MIDDLE EAST	23,871	658,594	33,486	439,148	41,130	722,070	51,979	721,057
Saudi Arabia	8,855	244,927	12,041	164,726	10,300	177,042	4,579	58,481
Kuwait	8,068	223,481	7,642	101,066	16,009	279,188	9,966	133,669
Iran	889	24,534	6,888	81,615	5,183	90,278	12,901	179,871
Iraq	-	-	500	8,485	1,307	23,827	1,314	16,780
Abu Dhabi	2,850	78,016	-	-	-	-	-	-
Qatar	-	-	1,855	24,183	994	18,319	2,752	39,468
Dubai	2,157	58,754	2,949	34,728	2,013	36,007	9,181	131,194
Oman	-	-	-	-	3,135	57,835	5,440	81,163
Neutral Zone	1,052	28,882	-	-	911	15,426	1,784	25,013
United Arab Emirates	-	-	1,611	24,345	1,277	24,149	4,062	55,419
OTHER REGION	24,972	678,856	16,926	256,543	20,019	358,256	18,804	287,385
Indonesia	4,417	125,192	3,274	45,427	1,411	25,704	-	-
Malaysia	545	14,927	9,838	161,169	7,702	144,226	9,244	147,351
Brunei	8,088	204,754	485	10,556	3,104	58,709	2,138	34,876
China (PROC)	10,497	295,267	3,329	39,391	6,551	106,032	4,208	54,967
Mexico	-	-	-	-	-	-	-	-
Australia	1,425	38,716	-	-	1,251	23,585	3,214	50,192
Pakistan	-	-	-	-	-	-	-	-

Source: Office of Energy Affairs.

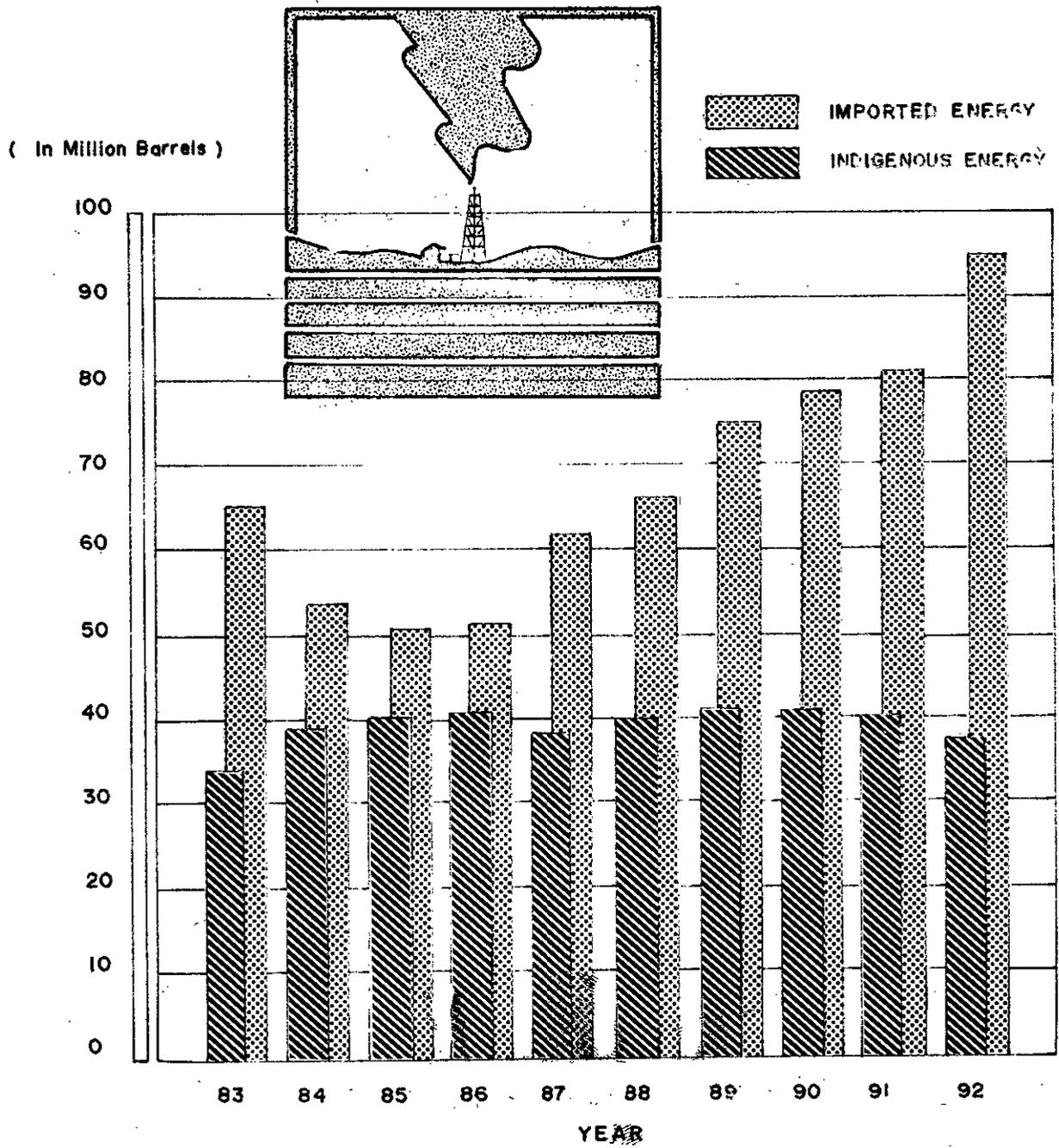
Table 14.2 (continued)

1981		1982		1983		1984	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
60,761	2,123,511	57,003	1,926,112	59,827	1,763,035	49,453	1,418,424
41,664	1,422,778	42,716	1,454,301	42,821	1,269,372	28,010	796,931
31,313	1,043,979	28,226	954,104	25,521	751,525	12,838	367,999
7,122	259,338	6,631	221,261	5,676	160,658	11,269	317,557
-	-	-	-	1,206	34,904	-	-
-	-	-	-	-	-	-	-
-	-	-	-	1,815	55,141	-	-
-	-	2,191	77,852	-	-	1,825	51,938
3,229	119,461	5,668	201,084	7,123	224,417	680	19,886
-	-	-	-	1,000	29,745	602	17,434
-	-	-	-	480	12,982	796	22,117
-	-	-	-	-	-	-	-
19,097	700,733	14,287	471,811	17,006	493,663	21,443	621,493
5,202	184,664	2,778	98,781	5,881	175,777	5,258	156,658
3,514	140,334	2,160	78,161	2,596	81,312	1,823	55,558
3,215	122,667	2,207	78,630	1,841	56,826	6,337	165,744
4,527	159,277	4,542	134,245	4,074	108,536	8,025	243,533
2,639	93,791	2,600	81,994	2,614	71,212	-	-
-	-	-	-	-	-	-	-

1989		1990		1991		1992	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
70,886	1,199,096	80,098	1,724,930	76,656	1,244,322	89,010	1,660,259
55,413	920,340	65,530	1,373,670	60,382	898,720	72,891	1,319,281
9,696	157,737	25,659	581,653	34,682	617,474	43,441	775,783
10,024	166,298	6,748	110,179	0	0	4,997	92,214
15,137	254,165	5,331	140,391	11,408	199,833	9,467	170,488
4,224	72,036	3,843	65,844	0	0	0	0
-	-	-	-	0	0	0	0
2,273	39,647	4,009	79,420	4,247	81,413	2,568	50,215
9,929	156,635	17,777	350,648	10,045	0	0	0
-	-	1,030	16,607	0	0	0	0
-	-	-	-	0	0	0	0
4,130	73,823	1,133	28,928	0	0	12,418	230,581
15,473	278,756	14,568	351,259	16,274	345,602	16,119	340,978
-	-	708	24,814	1,432	31,283	1,631	34,312
7,859	148,256	7,474	176,562	7,130	159,873	9,194	198,125
2,219	42,548	4,491	112,477	4,562	98,601	4,303	90,561
3,875	58,845	1,154	18,792	2,989	52,440	760	12,679
-	-	-	-	0	0	0	0
1,520	29,106	430	9,538	0	0	231	5,301
-	-	311	9,076	161	3,405	-	-

Figure 14.1 Energy Consumption by Source: 1983 to 1992



**Table 14.3**  
**PETROLEUM PRODUCTS CONSUMPTION, BY TYPE**  
**1983 TO 1992**  
*(In thousand barrels)*

Product	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<b>TOTAL</b>	<b>74,850</b>	<b>61,659</b>	<b>55,122</b>	<b>57,737</b>	<b>67,136</b>	<b>72,570</b>	<b>81,597</b>	<b>85,479</b>	<b>82,827</b>	<b>101,807</b>
Avgas	51	39	36	35	36	39	39	36	28	28
Avturbo	2,659	2,824	2,710	2,716	3,304	3,758	4,281	3,983	3,892	4,447
Premium gasoline	6,206	5,954	5,885	6,334	7,055	7,751	8,829	9,390	8,112	9,160
Regular gasoline	2,971	2,717	2,562	2,806	3,090	3,248	3,471	3,465	2,965	3,236
Diesel	18,879	17,090	15,702	16,223	17,839	19,188	22,227	25,220	26,534	37,527
Fuel oil	33,690	24,390	20,037	21,511	26,645	28,002	30,349	30,375	28,570	33,319
Kerosene	2,569	2,269	2,074	2,273	2,545	2,815	3,456	3,704	3,579	3,916
LPG	2,533	2,225	2,231	2,464	2,843	3,503	4,183	4,598	4,742	5,431
Propylene	-	-	-	-	-	-	-	-	-	-
Asphalts	538	347	284	289	282	317	342	286	326	304
Refinery process gas	185	147	-	200	-	-	-	-	-	-
Solvents	270	155	160	-	246	288	297	267	182	159
Naptha	349	206	616	-	-	-	-	-	-	-
Lubes	1,067	796	710	747	897	887	1,058	1,070	907	1,023
Greases	29	21	17	-	-	-	-	-	-	a/
Waxes and petrolatum	1	-	-	-	-	3	-	-	-	-
Others	-	-	-	-	-	-	13	15	10	11
Refinery fuel and loss	2,853	2,479	2,098	2,139	2,354	2,771	3,052	3,070	2,980	3,246

a - Figures included in lubes.

Source: Office of Energy Affairs.

**Table 14.4**

**PETROLEUM PRODUCTS SALES TO INDUSTRIAL CONSUMER BY SECTOR  
1983 TO 1992  
(In million barrels)**

Sector	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<b>TOTAL</b>	<b>47.8</b>	<b>36.8</b>	<b>33.6</b>	<b>34.94</b>	<b>38.8</b>	<b>44.4</b>	<b>48.1</b>	<b>50.8</b>	<b>44.8</b>	<b>58.5</b>
Cement	2.1	0.3	0.1	0.2	0.4	0.5	1.6	1.1	0.5	1.2
Sugar	1.0	0.6	0.6	0.7	0.8	0.9	1.0	0.9	0.8	0.9
Coconut and Vegetable Oil	0.7	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.4
Mining	2.4	1.6	1.0	2.3	2.3	2.5	2.6	2.5	1.9	1.8
Power Generation	20.0	11.8	11.0	9.0	16.4	13.8	17.0	20.1	18.0	30.3
Fertilizer	0.4	0.2	a	a	a	a	a	0.1	0.1	0.1
Logging / Wood	1.0	0.8	0.7	0.5	0.6	0.6	0.6	0.5	0.4	0.4
Paper Processing	1.0	0.8	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.1
Lube Refinery	0.6	3.3	2.6	3.1	0.5	4.5	3.8	0.7	0.5	2.0
Textile Mills	0.8	0.5	0.5	0.5	0.8	0.9	0.9	0.8	0.9	1.0
Land Transport	2.1	1.8	1.5	1.6	1.9	1.9	2.0	2.0	1.9	1.9
Domestic Marine	1.7	1.4	1.3	-	1.4	1.5	1.8	2.0	2.0	2.1
Domestic Aviation	0.7	1.8	1.7	1.7	1.0	1.9	0.8	0.9	0.8	0.8
Fishing Trade	0.9	0.9	0.8	1.0	1.2	1.4	1.5	1.6	1.6	1.7
Glass Manufacturing	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5
Steel/Metal/Nickel Processing	2.2	0.3	0.5	0.4	0.6	0.8	0.9	1.0	0.9	1.0
Contractors	1.3	0.6	0.4	0.3	0.4	0.5	0.7	0.6	0.7	0.7
Ceramics	0.1	0.1	a	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Rubber and Tires	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2
Chemicals	0.5	0.4	0.4	0.4	0.6	0.9	0.7	0.7	0.7	0.8
Tobacco	0.1	0.1	0.1	a	0.1	a	0.1	0.1	0.1	0.1
Food Processing	1.1	1.2	0.9	1.0	1.2	1.4	1.6	1.7	1.7	1.9
Resellers	-	0.8	-	-	-	-	-	-	-	-
All Others	6.5	6.8	8.3	8.4	6.4	8.2	8.2	8.1	6.3	7.4
Refinery Fuel and Loss	-	-	-	2.1	-	-	-	3.1	2.9	-

a - Less than 100 barrels.

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

Source: Office of Energy Affairs.

**Table 14.5**  
**ELECTRIC ENERGY CONSUMPTION BY SECTOR**  
**1981 TO 1992**  
*(In million kilowatt hours)*

Year	Total	Residential	Commercial	Industrial	Others	Utilities Own Use	Power Losses
1981	18,583	3,424	3,157	7,597	1,098	1,157	2,150
1982	19,406	3,589	3,205	7,769	1,034	1,333	2,476
1983	21,454	3,991	3,487	8,724	939	1,509	2,804
1984	21,180	4,198	3,209	8,554	1,131	955	3,133
1985	22,766	4,482	3,231	9,008	1,356	943	3,746
1986	21,797	3,536	2,927	5,843	900	4,993	3,598
1987	22,642	4,702	3,561	7,750	1,221	1,070	4,338
1988	24,539	5,105	3,978	8,566	1,465	1,077	4,348
1989	25,573	5,161	4,428	9,763	1,299	1,125	3,797
1990	25,215	5,950	4,821	8,982	1,140	1,097	3,225
1991	25,649	6,244	4,869	9,339	930	1,086	3,181
1992	25,682	6,336	4,878	9,060	1,069	1,128	3,211

Source: Office of Energy Affairs.

**Table 14.6**  
**POWER GENERATION BY UTILITY: 1981 TO 1992**  
*(In million kilowatt hours)*

Year	Total	National Power Corporation	Manila Electric Company	National Electrification Administration	Private Utilities	Self-Generating Industries
1981	18,583	15,988	-	222	368	2,005
1982	19,406	17,307	-	92	324	1,683
1983	21,454	18,693	-	-	2,761	-
1984	21,180	18,731	-	42	1,677	730
1985	22,767	18,717	-	-	4,050	-
1986	21,797	19,271	-	-	2,526	-
1987	22,642	20,958	274	85	521	804
1988	24,538	22,920	261	55	457	845
1989	25,573	24,087	359	33	110	984
1990	25,245	24,799	283	32	131	-
1991	25,654	25,451	-	35	168	-
1992	25,682	25,538	-	-	109	35

Source: Office of Energy Affairs.

Table 14.7

**INSTALLED GENERATING CAPACITIES OF POWER UTILITIES BY PLANT TYPE  
1988 TO 1992  
(In megawatts)**

Plant Type/Utility	1988	1989	1990	1991	1992
<b>TOTAL PHILIPPINES</b>	<b>6,640</b>	<b>6,863</b>	<b>6,582</b>	<b>6,789</b>	<b>6,950</b>
NPC	...	6,006	...	...	6,697
Meralco	...	105	...	...	0
Private Utilities	...	159	...	...	159
NEA Cooperatives	...	53	...	...	93
Self-generating Industries	...	540	...	...	-
<b>HYDRO</b>	<b>2,139</b>	<b>2,147</b>	<b>2,153</b>	<b>2,155</b>	<b>2,257</b>
NPC	2,124	2,132	2,137	...	2,230
NEA Cooperatives	15	15	16	...	24
Private Utilities	-	-	-	...	3
<b>COAL</b>	<b>525</b>	<b>525</b>	<b>405</b>	<b>405</b>	<b>405</b>
NPC	405	405	...	...	405
Private Utilities	-	-	...	...	...
Self-generating Industries	120	120	...	...	...
<b>GEOHERMAL</b>	<b>894</b>	<b>888</b>	<b>888</b>	<b>888</b>	<b>888</b>
NPC	894	888	888	888	888
<b>OIL/DIESEL</b>	<b>2,915</b>	<b>3,136</b>	<b>3,136</b>	<b>3,341</b>	<b>3,400</b>
NPC	...	2,581	2,611	...	3,175
Meralco	...	105	75	...	0
NEA Cooperatives	...	38	38	...	69
Private Utilities	...	159	159	...	156
Self-generating Industries	...	253	253	...	-
<b>NON-CONVENTIONAL</b>	<b>167</b>	<b>167</b>	<b>...</b>	<b>...</b>	<b>...</b>
NEA Cooperatives	-	-	...	...	...
Self-generating Industries	167	167	...	...	...

Source: Office of Energy Affairs.

**Table 14.8**

**DULY ORGANIZED WATER DISTRICTS FILED AND ISSUED CONDITIONAL  
CERTIFICATE OF CONFORMANCE PER REGION  
1982 TO 1991**

Region	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Philippines	51	22	1	2	17	52	53	49	49	30
Region 1	3	1	-	1	1	6	4	1	6	1
Region 2	8	1	-	-	-	7	6	8	3	2
Region 3	7	3	-	-	7	16	8	9	7	6
Region 4	2	2	-	-	1	2	9	5	7	2
Region 5	2	-	-	-	1	3	5	1	7	1
Region 6	5	6	-	-	6	9	15	7	5	1
Region 7	3	2	1	-	-	-	-	2	2	4
Region 8	6	2	-	-	-	5	2	4	2	1
Region 9	4	1	-	1	1	1	1	2	2	2
Region 10	3	3	-	-	-	1	1	5	2	3
Region 11	5	-	-	-	-	2	1	4	4	4
Region 12	3	1	-	-	-	-	1	1	2	3

Source: Local Water Utilities Administration.

**Table 14.9**

**IRRIGATED AND BENEFITED AREAS OF NATIONAL SYSTEMS  
1981 TO 1992  
(Area in hectares)**

Year	Service Area	Irrigated Area		Benefited Area		Average Yield (cav/ha.)	
		Wet	Dry	Wet	Dry	Wet	Dry
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

Note: Dry Season Area includes irrigated/benefited area during dry season, and for third and annual crops.  
Wet Season Area includes irrigated/benefited area during wet season and for annual crops.

Source: National Irrigation Administration.

**Table 14.10**

**GENERATED AREA OF NATIONAL, COMMUNAL, AND PUMP/PRIVATE IRRIGATION SYSTEMS/PROJECTS: 1976 TO 1992**  
(Area in hectares)

Year	Total	National	Communal	Pump/Private 1/
1976	1,022,325	387,690	506,456	128,179
1977	1,091,704	407,922	545,755	138,027
1978	1,137,447	425,234	564,383	147,830
1979	1,180,621	441,001	587,949	151,671
1980	1,228,884	461,148	615,608	152,128
1981	1,276,132	486,066	637,938	152,128
1982	1,336,604	514,517	669,959	152,128
1983	1,385,940	549,118	684,694	152,128
1984	1,415,918	569,126	694,664	152,128
1985	1,443,864	590,777	700,959	152,128
1986	1,468,503	611,690	704,685	152,128
1987	1,487,777	626,673	708,976	152,128
1988	1,513,725	641,101	720,496	152,128
1989	1,541,255	657,326	731,801	152,128
1990	1,566,008	663,209	750,671	152,128
1991	1,580,254	667,794	760,332	152,128
1992	1,590,920	668,831	769,961	152,128

1/ - Since 1981, the Agency discontinued the development of pump systems due to uneconomical cost of O & M.  
Source: National Irrigation Administration.

**Table 14.11**

**IRRIGATION DEVELOPMENT BY REGION: 1992**  
(Area in hectares)

Region	Potential Irrigable Area 1/	Service Area			
		Total	National	Communal 2/ Private 2/	
<b>Philippines</b>	<b>3,299,917</b>	<b>1,360,762</b>	<b>645,789</b>	<b>527,616</b>	<b>152,128</b>
1	400,594	176,167	45,386	125,261	5,520
2	549,565	253,895	155,662	61,640	36,593
3	489,780	272,299	172,064	77,289	22,946
4	286,464	154,932	56,655	70,329	27,948
5	222,321	87,393	20,223	50,227	16,943
6	217,375	94,835	53,500	19,658	21,677
7	62,873	18,905	-	16,424	2,481
8	126,067	47,338	15,633	29,529	2,176
9	78,453	31,288	13,348	15,136	2,804
10	255,767	55,436	23,332	30,059	2,045
11	257,272	89,812	50,876	32,064	6,872
12	353,386	78,462	39,110	35,229	4,123

1/ This is currently being evaluated under the Irrigated Agriculture Sector Review (IASR) in coordination with the World Bank and Department of Agriculture. As a result, the potential irrigable area was estimated at 6.1M hectares (gross).

2/ Preliminary data only. An inventory of the communal and private irrigation systems is currently being undertaken, to firm-up the service areas.

Source: National Irrigation Administration.

# 15 PUBLIC FINANCE

This chapter presents statistics on public finance as it concerns three principal areas of policy, namely: revenue, expenditure, and public debt. The Central Bank of the Philippines, the Department of Budget and Management (DBM), the Department of Finance (DOF) and the Commission on Audit (COA) are primarily responsible for the compilation and tabulation of statistical series on public finance.

Data published are as follows: Cash budget or revenues and expenditures of the national government on current operating, capital outlays and net lending. This also includes the following: deficit and how this is financed from foreign and domestic sources; income of other government agencies accruing to the general fund; expenditures of the national government by functional and sectoral classification and by object class based on financial reports/accountability reports/trial balances submitted to COA and DBM; local government revenues by type, level of government and from all sources of income and expenditures for personal services, maintenance and other operating expenses and capital outlay are based on financial reports/trial balances submitted to the COA; financial status of public investment, programmed and actual expenditures, are presented by region and sector in pesos and in dollars for the counterpart fund; internal debt outstanding are classified by level of government and period of maturity; and holders of government securities are categorized as Central Bank, commercial banks, trust funds, semi-government entities, private sector and foreign holders.

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**Table 15.1**  
**NATIONAL GOVERNMENT CASH BUDGET**  
**1982 TO 1993**  
*(In million pesos)*

Item	1982	1983	1984	1985	1986	1987
Revenues	38,267	46,642	57,150	68,961	79,245	103,214
Current operating Expenditures	82,138	87,584	100,645	135,423	163,940	209,885
Capital outlays and Net Lending	16,428	16,146	3,480	12,338	6,974	12,661
Net Budgetary Surplus/Deficit	(12,133)	(8,381)	(9,995)	(11,187)	(28,811)	(19,459)
Financing	10,152	11,019	18,080	12,958	21,612	41,118
Domestic (net)	-	-	-	13,298	15,022	34,337
External (net)	-	-	-	(340)	6,590	6,781

Item	1988	1989	1990	1991	1992	1993
Revenues	112,861	142,136	180,900	340,731	409,804	448,185
Current operating Expenditures	255,852	284,166	177,900	291,903	341,888	367,126
Capital outlays and Net Lending	13,331	25,534	40,200	66,353	85,291	119,702
Net Budgetary Surplus/Deficit	(24,184)	(14,547)	(37,200)	(17,525)	(17,375)	(38,643)
Financing	64,629	14,539	37,200	4,876	837	2,185
Domestic (net)	47,339	1,644	33,100	12,738	8,081	15,346
External (net)	17,290	11,395	4,100	7,862	7,244	13,161

Note: 1990, 1991, and 1992 are based on Fiscal Program; Cash Budget Program is no longer available.  
Source: Budget of Expenditures and Sources of Financing, Department of Budget and Management.

**Table 15.2**  
**NATIONAL GOVERNMENT REVENUES, BY TYPE**  
**1978 TO 1992**  
*(In million pesos)*

ITEM	1978	1979	1980	1981	1982	1983	1984
<b>Total Revenues</b>	<b>24,103</b>	<b>29,470</b>	<b>34,077</b>	<b>34,600</b>	<b>38,306</b>	<b>46,641</b>	<b>56,861</b>
1. Tax revenue	20,445	25,525	28,833	30,062	33,900	39,848	50,118
a. Taxes on net income and profits	5,111	6,805	8,761	9,710	8,406	9,056	12,139
b. Taxes on property	532	201	196	217	262	301	271
Real property taxes	96	120	121	171	156	199	162
Transfer taxes	436	81	75	46	106	102	109
c. Taxes on goods and service	6,466	8,739	9,332	9,851	12,243	13,106	18,793
General sales, turnover or value added taxes	1,629	2,310	2,602	2,283	2,201	1,942	2,995
Selective taxes on goods	4,106	5,473	5,626	6,215	6,611	7,394	11,432
Selective taxes on services	101	31	30	9	2,107	2,201	2,384
Taxes on use of goods or permissions to perform activities and others	630	925	1,074	1,344	1,324	1,569	1,982
d. Taxes on international trade and transactions	7,816	9,266	9,904	9,771	12,253	16,522	17,756
Import duties & taxes	7,378	8,529	9,438	9,425	11,809	16,225	15,448
Export taxes	438	737	425	305	287	263	1,737
Others	0	0	41	41	157	34	571
e. Other taxes	520	514	640	513	736	863	1,159
Stamps taxes	274	349	340	188	678	781	950
Residence taxes	5	5	1	0	0	0	0
Others	241	160	299	325	58	82	209
2. Non-tax revenue	3,658	3,945	5,244	4,538	4,406	6,793	6,743
a. Non-tax revenue proper	3,322	3,717	5,020	4,278	4,117	6,474	6,428
b. Capital revenue	125	4	2	3	3	3	4
c. Grants	211	224	222	257	286	316	311

Source: Bureau of the Treasury.

Table 15.2 - (continued)

1985	1986	1987	1988	1989	1990	1991	1992
67,958	79,245	103,214	112,861	154,240	180,644	225,642	255,675
60,253	65,491	85,923	90,352	122,462	150,316	182,831	208,703
18,655	19,148	21,799	27,409	37,592	48,549	61,053	70,120
173	205	239	384	659	279	189	248
106	123	177	306	537	84	22	
67	82	62	78	122	195	167	248
22,677	26,659	35,893	33,207	42,040	50,745	51,155	55,424
3,018	3,712	5,931	7,495	10,156	13,079	14,951	18,113
14,024	16,383	22,641	19,597	24,857	28,875	25,411	27,629
3,566	4,553	4,727	3,571	4,596	6,207	7,967	8,276
2,069	2,011	2,594	2,544	2,431	2,584	2,826	1,406
17,444	17,851	26,274	25,580	38,919	46,005	65,521	73,568
15,785	16,859	25,977	25,011	38,375	45,383	64,947	72,871
997	637	15	3	0	0	0	0
662	355	282	566	544	622	574	697
1,304	1,628	1,718	3,772	3,252	4,738	4,913	9,343
1,176	1,451	1,472	2,534	3,033	3,544	4,837	6,419
0	0	0	0	0	0	0	0
128	177	246	1,238	219	1,194	76	2,924
7,705	13,754	17,291	22,509	31,778	30,328	42,811	46,972
7,322	13,219	15,568	20,723	25,093	20,026	35,564	42,423
3	4	5	11	4,984	7,921	4,175	1,876
380	531	1,718	1,775	1,701	2,381	3,072	2,673

**Table 15.3**  
**SECTORAL ALLOCATION OF EXPENDITURES**  
**1991 TO 1993**

PARTICULARS	LEVELS (In Billion Pesos)			RATE		PERCENT DISTRIBUTION		
	1991	1992	1993	1991-92	1992-93	1991	1992	1993
<b>TOTAL</b>	293.1	328.1	330.2	11.9	0.6	100.0	100.0	100.0
<b>SOCIAL SERVICES</b>	51.8	67.7	70.4	30.7	4.0	17.7	20.6	21.3
Education and Manpower Development	33.5	40.1	41.8	19.7	4.2	0.1	12.2	12.7
Health	9.2	9.8	6.2	6.8	(36.3)	3.1	3.0	1.9
Social Security, Labor and Employment	3.8	4.9	5.8	29.7	18.6	1.3	1.5	1.7
Housing and Community Development	1.2	0.8	0.8	(33.1)	10.0	0.4	0.2	0.3
Others	1.4	6.8	2.4	393.0	(65.0)	0.5	2.1	0.7
Subsidy to local Government Units	2.8	5.3	13.4	90.8	151.1	1.0	1.6	4.0
<b>ECONOMIC SERVICES</b>	63.8	74.0	66.9	16.0	(9.6)	21.8	22.6	20.3
Agriculture, Agrarian Reform, and Natural Resources	20.2	21.8	19.5	7.6	(10.4)	6.9	6.6	5.9
Trade and Industry	2.6	1.3	1.5	(50.0)	13.9	0.9	0.4	0.5
Tourism	0.3	0.3	0.3	26.4	(3.2)	0.1	0.1	0.1
Power and Energy	2.0	1.9	1.9	(7.0)	1.3	0.7	0.6	0.6
Water Resources Development	2.8	5.3	8.3	90.2	54.9	1.0	1.6	2.5
Communication and Transport	27.1	28.3	18.4	4.5	(35.1)	9.2	8.6	5.6
Others	2.6	7.4	4.1	182.4	(44.2)	0.9	2.3	1.3
Subsidy to Local Government Units	6.1	7.6	12.9	24.3	68.7	2.1	2.3	3.9
<b>DEFENSE</b>	24.9	26.3	28.7	5.5	9.0	8.5	8.0	8.7
Domestic security	15.8	17.2	18.5	8.8	7.9	5.4	5.2	5.6
Peace and order	9.2	9.2	10.2	(0.1)	11.2	3.1	2.8	3.1
<b>GENERAL PUBLIC SERVICES</b>	26.5	32.8	35.6	24.1	8.3	9.0	10.0	10.8
General Administration	14.7	18.5	17.1	26.0	(7.7)	5.0	5.6	5.2
Public Order and Safety	4.8	5.1	5.5	6.5	9.3	1.6	1.5	1.7
Other General Public Services	0.4	1.1	2.8	169.7	166.5	0.1	0.3	0.8
Subsidy to Local Government Units	6.6	8.2	10.1	23.9	23.8	2.3	2.5	3.1
<b>RESERVE CONTROL ACCOUNT</b>	0.0	6.5	0.0	0.0	(100.0)	0.0	2.0	0.0
<b>NET LENDING</b>	5.7	1.5	2.2	(74.4)	47.4	2.0	0.4	0.7
<b>DEBT SERVICE FUND</b>	120.4	119.3	126.5	(0.9)	6.0	41.1	36.4	38.3
Interest Payments	74.9	80.4	92.8	7.3	15.5	25.6	24.5	28.1
Principal Amortization	45.5	39.0	33.7	(14.4)	(13.5)	15.5	11.9	10.2

Sources: Department of Budget and Management

Figure 15.1 Sectoral Allocation Expenditures: 1993

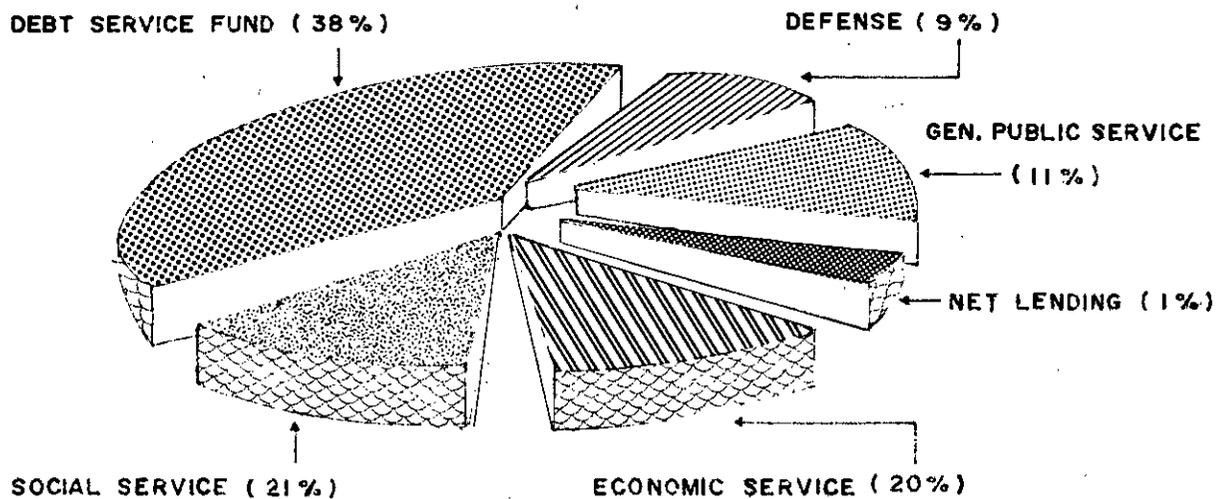
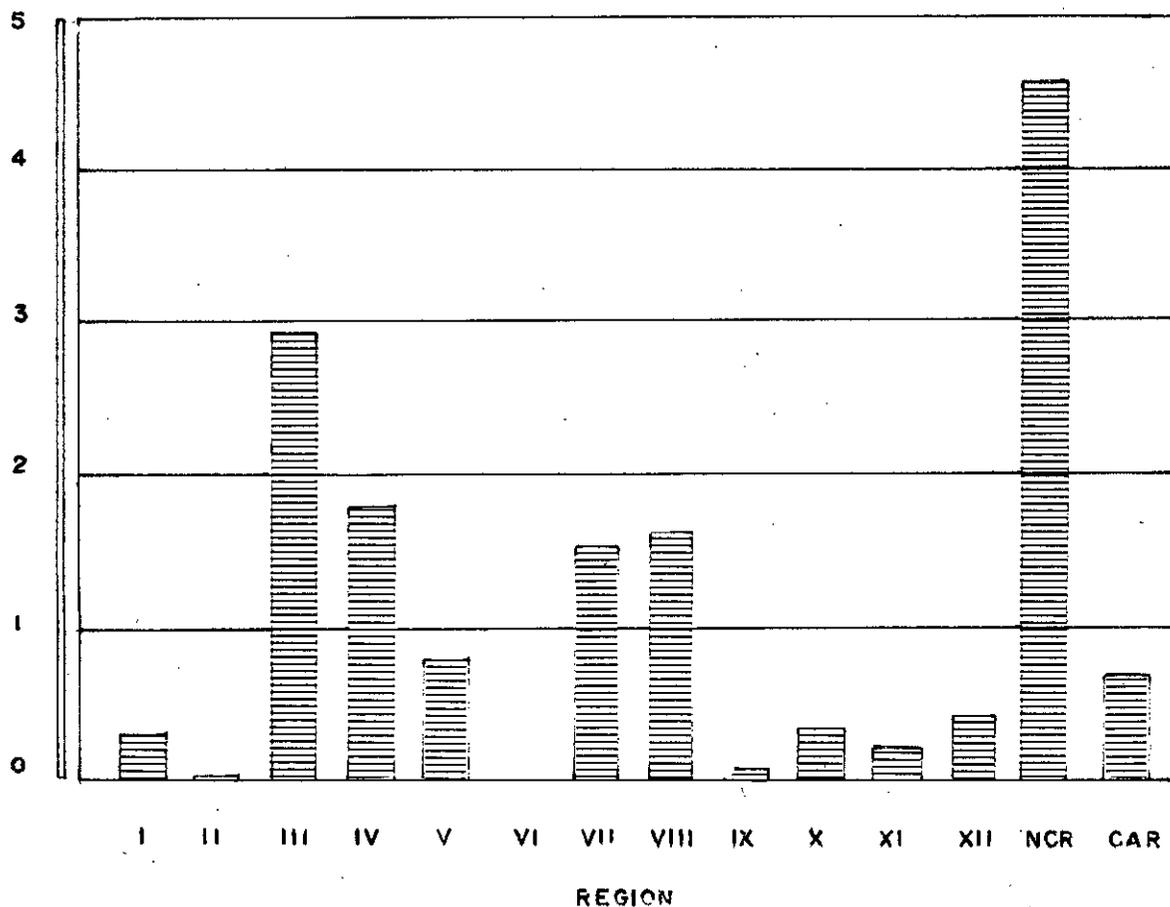


Figure 15.2 Allocation for Public Investment by Region: 1992

in million pesos



**Table 15.4**  
**NATIONAL GOVERNMENT EXPENDITURES BY ECONOMIC CLASSIFICATION**  
**1979 TO 1993**  
*(In thousand pesos)*

Type of expenditure	1979	1980	1981	1982	1983	1984
National Government Expenditures	41,738.9	41,424.0	49,481.0	55,854.0	61,798.0	92,107.0
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, and other benefits)	8,293.7	9,725.0	11,961.0	13,617.0	14,468.0	18,304.0
2. Maintenance & other operating expenses	10,155.0	8,823.0	9,000.0	10,954.0	10,235.0	11,318.0
a. Travelling expenses	-	655.0	598.0	727.0	889.0	921.0
b. Communication services	-	-	-	76.0	88.0	118.0
c. Repairs & maintenance of government facilities	-	1,106.0	1,142.0	1,502.0	1,329.0	1,645.0
d. Transportation services	-	-	-	148.0	151.0	179.0
e. Other services	-	3,493.0	2,628.0	3,554.0	3,284.0	3,242.0
f. Supplies and materials	-	1,852.0	2,289.0	2,685.0	2,832.0	3,044.0
g. Rent expense	-	-	-	189.0	247.0	294.0
h. Maintenance of motor vehicles used for official travel of officials & employees	-	581.0	600.0	604.0	751.0	807.0
i. Water, illumination & power service	-	-	-	305.0	310.0	512.0
j. Discretionary expenses, representation and emergency expenses	-	-	-	197.0	205.0	418.0
k. Others	-	1,136.0	1,743.0	967.0	149.0	138.0
3. Debt Service	1,994.2	6,169.0	6,266.0	8,591.0	11,251.0	38,360.0
a. Interest payments	1,651.7	2,293.0	2,369.0	3,560.0	4,928.0	10,383.0
b. Loan repayment & sinking fund contribution	342.5	3,876.0	3,897.0	5,031.0	6,323.0	27,977.0
Net lending	-	-	-	-	-	-
4. Transfer payments	9,101.0	2,698.0	3,196.0	2,913.0	4,219.0	4,316.0
a. Grants, subsidies & contributions	-	2,698.0	3,196.0	2,685.0	3,941.0	3,989.0
b. Awards and indemnities	-	-	-	228.0	278.0	-
c. SSS benefits & other claims (retirement benefits & gratuities)	-	-	-	-	-	327.0
5. Capital Outlay	12,195.0	14,009.0	19,058.0	19,779.0	21,625.0	19,809.0
a. Land & land improvement; building & structure outlay	8,036.5	7,202.0	7,122.0	6,772.0	8,530.0	5,358.0
b. Furniture & equipment outlay	352.1	392.0	371.0	820.0	833.0	648.0
c. Investment outlay	3,321.0	6,108.0	10,890.0	8,820.0	6,377.0	9,889.0
d. Loans outlay	485.4	307.0	675.0	3,367.0	5,885.0	3,913.0

Source: Annual Financial Report of the National Government, Commission on Audit (1979-1986) and Budget on Expenditures and Sources of Financing, Department of Budget and Management (1987-1991).

Table 15.4- (continued)

1985	1986	1987	1988	1989	1990	1991	1992	1993
92,511.0	115,101.2	155,504.0	167,409.0	173,339.0	228,543.3	293,160.6	328,137.0	330,237.0
22,530.0	26,733.0	31,537.4	43,595.9	52,006.0	64,289.0	69,327.0	82,434.0	79,232.5
12,665.0	13,425.2	19,074.0	19,105.9	23,175.0	34,293.3	27,693.9	29,652.2	26,937.0
675.0	717.0	935.9	1,166.8	1,285.0	1,573.8	1,708.2	1,486.3	1,467.7
161.0	159.0	177.3	254.6	295.0	320.2	356.3	433.7	460.9
1,556.0	2,322.0	2,345.5	3,505.8	2,861.0	3,011.4	2,876.5	2,313.5	3,042.5
242.0	228.0	200.3	338.3	311.0	328.7	316.4	461.7	340.9
4,147.0	3,974.0	8,416.8	5,364.0	8,063.0	9,253.1	7,844.5	7,467.7	7,496.8
3,687.0	3,745.0	4,597.1	5,462.0	6,952.0	8,313.3	9,762.6	10,867.6	10,333.4
302.0	313.0	275.4	447.5	507.0	543.1	581.7	674.2	788.0
866.0	784.0	963.7	1,070.7	1,441.0	1,254.3	1,475.4	1,222.5	1,071.0
600.0	751.0	724.4	909.3	919.0	1,055.7	1,295.4	1,458.2	1,629.6
267.0	197.0	343.0	352.0	315.0	396.5	128.6	167.2	158.1
162.0	235.2	94.6	234.9	226.0	8,243.1	1,348.3	3,099.6	148.1
22,264.0	40,562.0	70,223.6	71,321.1	56,924.0	71,114.0	120,455.5	119,337.2	126,490.3
14,901.0	21,442.0	37,434.2	45,864.5	39,716.0	71,114.0	74,921.8	80,384.6	92,810.2
7,363.0	19,120.0	32,789.4	25,456.6	17,209.0	0.0	45,533.7	38,952.6	33,680.1
		7,640.9	4,907.0	1,589.0	2,155.7	5,740.0	1,472.1	2,168.7
5,558.0	7,936.0	6,767.4	10,241.3	12,281.0	18,455.4	20,307.1	29,065.8	43,475.2
5,207.0	6,922.0	5,934.9	8,368.8	10,931.0	16,466.7	17,655.6	26,294.6	39,840.1
-	17.8	19.2	15.2	13.0	32.6	27.0	31.1	37.6
351.0	997.0	813.3	1,857.3	1,337.0	1,956.1	2,624.5	2,740.1	3,597.5
29,494.0	26,445.0	20,260.7	18,237.8	27,364.0	38,236.0	49,637.1	66,175.7	51,933.3
8,184.0	8,312.0	11,285.1	11,832.8	16,976.0	29,406.2	36,505.8	42,634.0	29,687.6
1,169.0	879.0	1,225.7	2,810.6	3,502.0	2,451.5	5,023.7	6,995.0	6,706.8
14,403.0	12,128.0	4,724.1	2,374.2	5,552.0	5,577.9	5,001.9	10,659.1	10,347.3
5,738.0	5,126.0	3,025.8	1,220.2	1,334.0	800.4	3,105.7	5,887.6	5,191.6

**Table 15.5**  
**LOCAL GOVERNMENT REVENUES\* BY TYPE**  
**1965 TO 1991**  
*(Provinces, Chartered Cities and Municipalities)*  
*(In million pesos)*

Year**	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

\* Includes administration of Provincial City and Municipal Emergency hospitals up to 1975.

\*\* Data for 1965 to 1975 are for fiscal years ending June 30 while figures for 1976 refer to calendar year 1976.  
 Data for 1965-1977 were not revised.

Source: Commission on Audit.

**Table 15.6**  
**COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES FOR LOCAL**  
**GOVERNMENT UNIT, ALL FUNDS**  
**1982 TO 1991**  
*(In million pesos)*

Income/expenditures	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>INCOME</b>										
Tax Revenue	4,501.2	5,040.4	5,454.0	6,198.5	6,537.3	6,777.4	8,052.7	9,653.8	13,004.7	16,484.1
Operating & miscellaneous revenues	879.2	1,052.4	1,204.9	1,430.7	1,322.8	1,460.3	1,634.4	2,444.2	3,039.0	3,310.4
Capital Revenue	9.8	11.9	5.1	15.3	5.0	8.6	14.3	653.5	219.1	243.0
Grants	459.5	451.9	524.9	747.8	734.2	632.9	3,603.9	2,457.1	2,692.5	3,396.3
Extraordinary income	11.7	16.1	10.7	38.8	12.1	30.4	20.2	24.0	9.7	17.3
Borrowings	67.7	127.1	148.9	79.2	49.7	13.4	33.4	48.0	97.4	448.4
Total Income	5,929.1	6,699.8	7,348.5	8,510.3	8,661.1	8,923.5	13,358.9	15,280.6	19,062.4	23,899.5
<b>EXPENDITURES</b>										
Personal Services	2,358.0	2,600.0	3,100.6	3,732.3	4,355.5	4,819.6	5,208.1	6,138.0	8,746.4	10,589.1
Maintenance and other operating expenses	2,393.7	2,756.3	3,312.1	3,569.0	3,484.9	3,654.6	4,721.3	5,390.7	6,115.6	7,777.6
Capital outlay	961.1	1,188.6	1,203.6	1,206.6	878.8	1,113.0	1,315.2	2,362.9	3,159.5	5,315.2
Total Expenditures	5,712.8	6,544.9	7,616.3	8,507.9	8,719.2	9,587.2	11,244.6	13,891.6	18,021.5	23,681.9

Source: Annual Financial Report on Local Government, Commission on Audit.

Table 15.7

## FINANCIAL STATUS OF PUBLIC INVESTMENT PROGRAM BY REGION

CY 1991

(Figures in million)

Region				Region			
		Allocations	Expenditures			Allocations	Expenditures
C A R	TP	763.676	757.318	Region IX	TP	99.873	74.585
	\$	9.912	8.873		\$	0.830	0.000
	P	524.797	543.479		P	79.870	74.585
Region I	TP	322.843	321.529	Region X	TP	362.897	208.395
	\$	5.735	6.187		\$	11.246	3.885
	P	184.629	172.422		P	91.868	114.766
Region II	TP	79.044	43.014	Region XI	TP	262.628	316.705
	\$	0.000	0.000		\$	2.726	4.764
	P	79.044	43.014		P	196.931	201.893
Region III	TP	2,959.923	1,889.313	Region XII	TP	436.472	350.603
	\$	48.304	51.417		\$	5.882	2.527
	P	1,795.797	650.163		P	294.716	289.702
Region IV	TP	1,817.141	490.558	N C R	TP	4,776.693	3,431.578
	\$	58.530	8.024		\$	112.262	78.653
	P	406.568	297.180		P	2,071.179	1,536.041
Region V	TP	875.783	1,023.270	Inter-regional	TP	10,266.172	5,408.747
	\$	25.268	20.821		\$	291.742	149.979
	P	266.824	521.484		P	3,235.190	1,794.253
Region VI	TP	16.990	14.777	Nationwide	TP	39,237.600	26,379.271
	\$	0.000	0.524		\$	491.298	245.722
	P	16.990	2.149		P	27,397.318	20,457.371
Region VII	TP	1,538.677	732.108	TOTAL	TP	65,485.950	42,447.191
	\$	28.059	17.289		\$	1,134.584	613.262
	P	862.455	315.443		P	38,142.475	27,667.577
Region VIII	TP	1,669.538	1,005.420				
	\$	42.790	14.597				
	P	638.299	653.632				

TP Total Peso

\$ Dollar

P Peso

Source: National Economic and Development Authority

**Table 15.8**  
**FINANCIAL STATUS OF PUBLIC INVESTMENT PROGRAM BY SECTOR**  
**1991**  
*(Figures in million)*

Sector		Allocation	Expenditures
Agriculture and Agrarian Reform	TP	1,467.074	581.102
	\$	11.872	6.382
	P	1,180.959	427.296
Environment and Natural Resources	TP	2,178.228	606.461
	\$	7.539	5.362
	P	1,996.538	477.237
Industry and Tourism	TP	758.709	757.318
	\$	9.912	8.873
	P	519.830	543.479
Social	TP	3,211.278	1,129.685
	\$	58.586	28.292
	P	1,799.355	447.848
Transportation	TP	21,047.133	15,724.046
	\$	292.832	136.320
	P	13,989.882	12,438.734
Water Resources	TP	13,186.872	7,417.347
	\$	205.130	127.727
	P	8,243.239	4,339.126
Social Infrastructure	TP	3,912.604	2,573.101
	\$	67.010	42.889
	P	2,297.663	1,539.476
Energy, Power and Electrification	TP	14,984.277	12,505.954
	\$	337.332	227.218
	P	6,854.576	7,030.000
Communications	TP	4,687.670	1,111.183
	\$	144.175	30.097
	P	1,213.052	385.845
Science and Technology	TP	13.173	5.601
	\$	0.196	0.102
	P	8.449	3.143
Other Projects	TP	38.932	35.393
	\$	0.000	0.000
	P	38.932	35.393
TOTAL	TP	65,485.950	42,447.191
	\$	1,134.584	613.262
	P	38,142.475	27,667.577

Source: National Economic and Development Authority

**Table 15.9**  
**INTERNAL DEBT OUTSTANDING CLASSIFIED BY LEVEL OF GOVERNMENT**  
**1950 TO 1992**  
*(In Million Pesos)*

End of Period	Total	National Government	Local Government	Government Corporation	Monetary Institutions
1950	588.6	437.6	66.0	85.0	0.0
1955	1,181.0	867.4	43.9	269.7	0.0
1960	2,137.5	1,454.0	26.4	657.1	0.0
1965	3,179.8	1,986.6	72.0	1,121.2	0.0
1970	7,191.0	4,019.5	107.1	2,145.7	918.7
1971	7,701.9	4,286.7	103.8	2,171.9	1,139.5
1972	9,701.4	5,607.8	106.3	2,265.3	1,722.0
1973	12,533.4	7,294.2	96.3	2,004.7	3,138.2
1974	16,629.5	9,877.0	107.6	1,032.5	5,612.4
1975	20,838.5	10,991.1	127.6	1,827.2	7,892.6
1976	23,394.4	13,175.5	166.1	1,977.4	8,075.4
1977	27,364.7	15,262.2	219.9	2,572.8	9,309.8
1978	32,470.2	17,838.8	279.9	3,331.2	11,020.3
1979	36,826.6	19,086.6	289.4	3,919.8	13,530.8
1980	41,181.6	21,875.5	335.9	4,978.5	13,991.7
1981	49,364.6	28,657.0	361.7	6,656.4	13,689.5
1982	57,563.4	35,343.6	431.9	9,855.5	11,932.4
1983	61,114.4	41,841.3	380.5	12,157.1	6,735.5
1984	84,146.2	57,735.1	174.0	13,206.0	13,031.1
1985	116,286.5	75,972.2	182.4	14,003.8	26,128.1
1986	144,351.6	108,085.2	161.3	12,411.1	23,694.0
1987	161,100.3	150,751.2	116.0	9,313.3	919.8
1988	207,657.6	195,494.0	116.0	8,081.9	3,965.7
1989	237,249.6	225,211.8	116.0	5,879.0	6,042.8
1990					
1st qtr	248,852.5	237,258.5	116.0	5,940.0	5,538.0
2nd qtr	257,312.5	245,702.0	116.0	6,138.5	5,356.0
3rd qtr	268,660.1	244,087.5	-	6,720.7	17,851.9
4th qtr	253,808.7	243,289.7	-	6,490.7	4,028.3
1991					
1st qtr	268,990.0	256,609.3	-	6,315.4	6,065.3
2nd qtr	297,256.8	274,438.9	-	6,259.8	16,558.1
3rd qtr	307,481.0	275,938.8	-	6,506.2	25,036.0
4th qtr	340,800.8	286,590.3	-	6,701.0	47,509.5
1992					
1st qtr	248,852.5	237,258.5	116.0	5,940.1	5,537.9
2nd qtr	257,312.5	245,702.3	116.0	6,138.1	5,356.1
3rd qtr	268,660.1	244,087.5	-	6,720.7	17,851.9
4th qtr	253,808.7	243,289.7	-	6,490.7	4,028.3

Source: Central Bank of the Philippines

**Table 15.10**  
**INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF MATURITY**  
**1950 TO 1992**  
*(In million pesos)*

End of Period	Total	Long Term	Medium Term	Short Term
1950	588.6	498.5	0.0	90.1
1955	1,181.0	1,156.3	6.0	18.7
1960	2,137.5	1,251.0	220.9	665.6
1965	3,179.8	1,454.9	505.8	1,219.1
1970	7,191.0	2,810.1	1,569.7	2,811.2
1971	7,701.9	2,751.8	2,893.5	2,056.6
1972	9,701.4	2,627.9	4,046.7	3,026.8
1973	12,533.4	3,341.6	5,380.2	3,811.6
1974	16,629.5	4,656.2	7,514.0	4,459.3
1975	20,838.5	5,878.1	8,439.7	6,520.7
1976	23,394.4	7,614.4	10,866.6	4,913.4
1977	27,364.7	9,693.6	12,030.7	5,640.4
1978	32,470.2	12,769.3	11,869.0	7,831.9
1979	36,826.6	13,027.7	14,732.3	9,066.6
1980	41,181.6	13,533.5	16,683.5	10,964.6
1981	49,364.6	16,476.6	17,616.7	15,271.3
1982	57,563.4	20,085.1	19,579.0	17,899.3
1983	61,114.4	21,727.7	24,971.9	14,414.8
1984	84,146.2	21,086.5	24,153.6	38,906.1
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	207,657.6	22,558.5	26,699.0	158,400.1
1989	237,249.6	20,910.3	29,906.7	186,432.6
1990				
1st quarter	248,852.6	20,889.3	23,163.7	204,799.6
2nd quarter	257,312.5	21,292.9	22,884.8	213,134.8
3rd quarter	268,660.1	20,643.4	13,287.4	234,729.3
4th quarter	253,808.7	20,135.0	22,992.1	210,681.6
1991 P				
1st quarter	268,990.0	19,720.6	50,055.7	199,213.7
2nd quarter	297,256.8	21,988.5	49,940.5	225,327.8
3rd quarter	307,481.0	22,666.4	52,436.2	232,378.4
4th quarter	340,800.8	22,472.8	56,164.4	262,163.6
1992				
1st quarter	391,981.0	22,250.0	55,827.0	313,904.0
2nd quarter	390,603.0	19,430.0	71,428.0	299,745.0
3rd quarter	449,866.0	23,464.0	71,636.0	354,766.0
4th quarter	521,220.0	18,646.0	93,180.0	409,394.0

P - Preliminary

Source: Central Bank of the Philippines

**Table 15.11**  
**HOLDERS OF OUTSTANDING GOVERNMENT DOMESTIC SECURITIES**  
**1982 TO 1992**  
*(In million pesos)*

End of Period	Total 1/	Central Bank	Commercial and other banks	Trust Funds	Semi-government entities	Private sector
1982	46,713.6	7,809.7	16,232.0	5,279.9	10,917.7	6,474.3
1983	48,599.2	8,368.2	16,375.5	5,749.0	13,552.9	4,553.6
1984	69,590.3	11,336.6	20,867.1	6,522.5	11,892.8	18,971.3
1985	94,889.8	12,182.0	19,728.2	7,340.6	14,016.1	41,622.9
1986	123,711.1	11,070.1	26,116.5	7,809.8	15,062.4	63,652.3
1987	150,299.6	9,156.8	21,405.2	10,032.7	20,607.6	89,097.3
1988	197,296.4	7,313.0	35,091.4	11,532.0	25,895.0	117,465.0
1989	223,532.0	10,520.0	53,833.0	10,058.0	27,100.0	122,021.0
1990	242,886.0	8,271.0	57,103.0	7,792.0	55,816.0	113,904.0
1991 P						
January	231,585.0	8,265.0	54,208.0	7,615.0	49,351.0	112,146.0
February	236,070.0	8,291.0	57,460.0	7,813.0	51,921.0	110,585.0
March	245,331.0	8,283.0	57,287.0	7,988.0	47,372.0	124,401.0
April	260,263.0	8,385.0	65,284.0	7,936.0	60,593.0	118,065.0
May	280,819.0	8,288.0	72,384.0	7,893.0	65,292.0	126,962.0
June	285,893.0	8,275.0	80,349.0	7,926.0	76,248.0	113,095.0
July	295,192.0	8,309.0	76,021.0	7,803.0	82,167.0	120,892.0
August	293,277.0	8,176.0	66,533.0	8,309.0	80,895.0	129,364.0
September	295,250.0	8,100.0	60,765.0	8,463.0	80,373.0	137,549.0
October	316,789.0	8,088.0	58,559.0	8,895.0	81,913.0	159,334.0
November	328,744.0	8,059.0	66,343.0	9,143.0	82,384.0	162,815.0
December	328,161.0	8,028.0	76,777.0	11,736.0	88,599.0	143,021.0
1992						
January	363,827.0	8,041.0	83,495.0	26,751.0	86,567.0	158,973.0
February	380,091.0	10,109.0	86,449.0	26,876.0	86,642.0	170,015.0
March	379,420.0	11,964.0	81,904.0	26,837.0	88,140.0	170,575.0
April	378,560.0	13,936.0	76,328.0	27,120.0	87,826.0	173,350.0
May	375,380.0	28,107.0	70,919.0	19,170.0	87,306.0	169,878.0
June	377,475.0	29,861.0	73,970.0	19,356.0	96,490.0	157,798.0
July	396,837.0	31,933.0	74,461.0	19,963.0	95,216.0	175,264.0
August	401,620.0	33,678.0	68,614.0	19,933.0	87,255.0	192,140.0
September	434,475.0	35,676.0	76,712.0	20,626.0	105,805.0	195,656.0
October	455,899.0	37,485.0	79,825.0	24,860.0	112,412.0	201,317.0
November	472,858.0	41,383.0	84,139.0	26,173.0	140,686.0	180,477.0
December	500,671.0	45,539.0	86,233.0	28,006.0	140,686.0	200,207.0

P - Preliminary

1/ Revised to exclude dollar treasury bills and Central Bank certificate of indebtedness (CBCIs).

Source: Central Bank of the Philippines.

# 16 MONEY AND BANKING

The pivotal role played by financial institutions in providing scarce resources in developing countries like the Philippines cannot be overemphasized. Financial statistics relating to institutions, e.g.; demand, savings and time deposits, outstanding loans and investments, are of primary importance in determining sound policies conducive to economic development and serve as bases for the monetary authorities and the banking and credit institutions to readily respond to monetary problems, needs and requirements of the economy. Financial institution data also give insights on the contribution of this sector to the government's task of nation building.

The 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. The Central Bank of the Philippines, Development Bank of the Philippines, Philippine National Bank, Government Service Insurance System and the Social Security System are the primary sources of data for these tables.

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**Table 16.1**  
**MONEY SUPPLY AND ITS ORIGIN: 1970 TO 1992**  
*(In million pesos)*

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,697.0	(795.0)	13,582.0	5,480.0	2,610.0
1971	5,179.0	(680.0)	14,593.0	6,321.0	2,413.0
1972	6,470.0	(734.0)	16,400.0	6,447.0	2,749.0
1973	7,268.0	2,390.0	18,386.0	12,727.0	781.0
1974	9,007.0	2,750.0	26,472.0	17,016.0	3,199.0
1975	10,314.0	(673.0)	35,487.0	20,431.0	4,069.0
1976	12,075.0	(714.0)	43,772.0	25,835.0	5,148.0
1977	14,939.0	(1,289.0)	51,452.0	31,216.0	4,008.0
1978	16,945.0	(4,533.0)	63,088.0	37,729.0	3,881.0
1979	18,844.0	(11,109.0)	79,771.0	41,660.0	8,158.0
1980	22,622.0	(23,169.0)	96,209.0	48,392.0	7,977.0
1981	23,523.0	(32,479.0)	117,678.0	61,692.0	9,628.0
1982	23,556.0	357,848.0	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					
January	94,166.0	(83,564.0)	258,606.0	239,772.0	(158,896.0)
February	91,725.0	(72,685.0)	243,197.0	241,986.0	(163,199.0)
March	95,126.0	(61,413.0)	227,863.0	251,012.0	(179,688.0)
April	104,820.0	(64,174.0)	239,936.0	243,572.0	(172,630.0)
May	100,976.0	(65,645.0)	255,051.0	255,336.0	(166,906.0)
June	100,499.0	(63,544.0)	260,320.0	260,697.0	(164,420.0)
July	95,764.0	(64,430.0)	245,472.0	249,922.0	(164,644.0)
August	93,059.0	(64,141.0)	243,681.0	258,338.0	(171,857.0)
September	93,504.0	(61,124.0)	250,064.0	259,531.0	(164,095.0)
October	98,479.0	(60,737.0)	264,546.0	254,886.0	(149,556.0)
November	102,222.0	(56,306.0)	281,685.0	264,581.0	(141,424.0)
December	112,092.0	(11,314.0)	268,424.0	277,167.0	(132,149.0)

Source: Central Bank of the Philippines.

**Table 16.2**  
**FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1992**  
*(In million pesos)*

End of Period	Money Supply	Internal sector			External Sector
		Total	Public Sector	Private Sector	
1970	4,696.8	5,492.0	3,269.0	2,223.0	(795.2)
1971	5,178.9	5,859.0	2,947.0	2,912.0	(680.1)
1972	6,470.4	7,204.0	3,073.0	4,131.0	(733.6)
1973	7,268.2	4,878.0	1,741.0	3,137.0	2,390.2
1974	9,007.0	6,257.0	(106.0)	6,363.0	2,750.0
1975	10,314.0	10,987.0	7,061.0	3,926.0	(673.0)
1976	12,075.0	12,789.0	9,700.0	3,089.0	(714.0)
1977	14,939.0	16,228.0	11,310.0	4,918.0	(1,289.0)
1978	16,945.0	21,478.0	12,092.0	9,386.0	(4,533.0)
1979	18,844.0	29,953.0	12,193.0	17,760.0	(11,109.0)
1980	22,537.0	39,840.0	14,993.0	24,847.0	(17,303.0)
1981	23,523.0	46,358.0	19,497.0	26,861.0	(22,835.0)
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					
January	94,166.0	177,730.0	251,182.0	(73,452.0)	(83,564.0)
February	141,725.0	214,410.0	284,452.0	(70,042.0)	(72,685.0)
March	95,126.0	156,539.0	215,337.0	(58,798.0)	(61,413.0)
April	104,284.0	168,458.0	218,304.0	(49,846.0)	(64,174.0)
May	100,976.0	166,621.0	227,070.0	(60,449.0)	(65,645.0)
June	100,539.0	164,083.0	231,355.0	(67,272.0)	(63,544.0)
July	95,755.0	160,194.0	215,860.0	(55,666.0)	(64,439.0)
August	93,059.0	157,200.0	207,802.0	(50,602.0)	(64,141.0)
September	93,512.0	154,636.0	207,116.0	(52,480.0)	(61,124.0)
October	138,479.0	199,216.0	246,549.0	(47,333.0)	(60,737.0)
November	102,174.0	158,528.0	211,364.0	(52,836.0)	(56,354.0)
December	112,092.0	123,406.0	175,304.0	(51,898.0)	(11,314.0)

Source: Central Bank of the Philippines.

Table 16.3

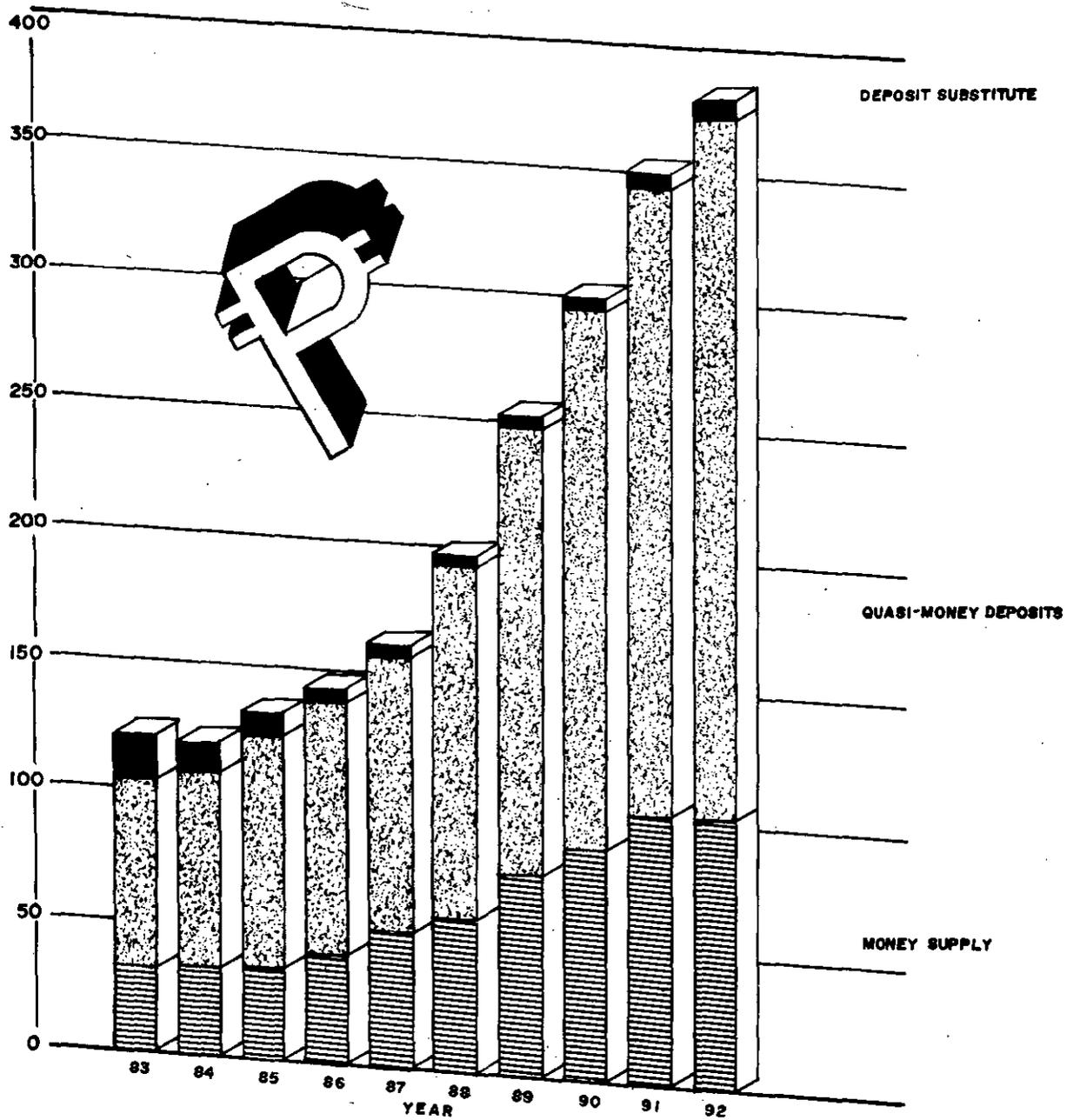
DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS  
1945 TO 1992

(In million pesos)

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposits substitutes
		Total	Currency in circulation	Peso deposits subject to check	Total	Savings deposits	Time deposits	
1945	1,239.3	1,120.0	882.0	238.0	119.3	119.3	0.0	0.0
1950	1,497.3	1,225.1	675.0	550.1	272.2	237.6	34.6	0.0
1955	1,830.1	1,307.1	671.5	635.6	523.0	357.7	165.3	0.0
1960	2,827.8	1,867.3	952.9	914.4	960.5	719.1	241.4	0.0
1965	5,464.2	2,975.2	1,483.2	1,492.0	2,489.0	1,437.4	1,051.6	0.0
1970	9,387.6	4,696.6	2,410.0	2,286.6	4,691.0	4,691.0	0.0	0.0
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	51,837.2	16,945.5	8,135.0	8,810.5	23,397.8	15,010.7	8,387.1	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	71,320.3	22,537.5	10,174.6	12,362.9	36,411.4	23,047.0	13,364.4	12,371.4
1981	84,910.0	23,524.3	11,625.8	11,898.5	44,933.5	27,017.0	17,916.5	16,452.2
1982	99,794.5	23,495.4	12,680.2	10,815.2	59,733.5	33,445.0	26,288.5	16,565.6
1983	122,022.0	32,571.0	19,587.0	12,984.0	72,345.0	42,268.0	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								
January	329,802.0	94,166.0	61,050.0	33,116.0	233,236.0	176,824.0	56,412.0	2,400.0
February	329,758.0	91,725.0	60,375.0	31,350.0	235,545.0	178,727.0	56,818.0	2,488.0
March	342,482.0	95,126.0	60,542.0	34,584.0	244,941.0	188,083.0	56,858.0	2,415.0
April	342,038.0	102,220.0	66,841.0	35,379.0	236,916.0	180,892.0	56,024.0	2,902.0
May	352,294.0	100,986.0	68,361.0	32,625.0	249,326.0	193,181.0	56,145.0	1,982.0
June	357,019.0	100,539.0	62,250.0	38,289.0	254,232.0	197,548.0	56,684.0	2,248.0
July	341,869.0	95,755.0	60,777.0	34,978.0	243,813.0	189,493.0	54,320.0	2,301.0
August	347,278.0	93,059.0	58,067.0	34,992.0	251,890.0	198,620.0	53,270.0	2,329.0
September	349,023.0	93,504.0	58,338.0	35,166.0	253,142.0	201,159.0	51,983.0	2,377.0
October	349,188.0	98,479.0	61,860.0	36,619.0	247,782.0	195,714.0	52,068.0	2,927.0
November	362,933.0	102,174.0	64,856.0	37,318.0	258,137.0	205,981.0	52,156.0	2,622.0
December	385,385.0	112,092.0	74,298.0	37,794.0	269,781.0	217,725.0	52,056.0	3,512.0

Source: Central Bank of the Philippines.

Figure 16.1 Domestic Liquidity: 1983 to 1992



**Table 16.4**  
**GROSS DOMESTIC CREDITS OF DEPOSIT MONEY BANKS**  
**1970 TO 1992**  
*(In million pesos)*

End of Period	Grand Total	Domestic securities				Loans and advances				Credits to Central Bank
		Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	
1970	11,391.0	1,559.0	900.0	313.0	346.0	9,785.0	161.0	959.0	8,665.0	47.0
1971	12,574.9	1,564.7	974.2	306.7	283.8	10,716.9	19.0	819.2	9,878.7	293.3
1972	14,703.4	1,340.3	828.9	311.0	200.4	12,916.1	110.0	858.1	11,948.0	447.0
1973	20,590.7	2,175.8	1,530.7	367.4	277.7	16,615.0	43.0	480.5	16,091.5	1,799.9
1974	30,552.2	2,225.9	1,379.9	431.4	414.6	26,078.0	166.0	1,092.0	24,820.0	2,248.3
1975	37,745.9	2,438.8	1,251.8	740.0	447.0	31,796.5	228.0	3,501.2	28,067.3	3,510.6
1976	44,404.2	3,314.0	1,919.0	711.0	684.0	37,170.2	33.1	4,633.3	32,503.8	3,920.0
1977	52,533.3	4,241.0	2,563.0	571.0	1,107.0	43,058.3	727.7	4,707.7	37,622.9	5,234.0
1978	65,439.9	4,462.0	2,411.0	818.0	1,233.0	54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
1979	82,292.8	5,441.8	3,192.4	923.4	1,326.0	69,741.0	1,557.0	5,354.0	62,830.0	7,110.0
1980	95,841.7	7,155.7	4,051.1	1,341.4	1,763.2	82,516.0	1,271.0	5,869.0	75,376.0	6,170.0
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	161,261.0	21,431.0	11,976.0	2,353.0	7,102.0	132,173.0	2,618.0	18,561.0	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	150,793.0	30,468.0	22,495.0	936.0	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	290,024.0	62,995.0	53,195.0	776.0	9,024.0	226,211.0	4,760.0	18,469.0	202,982.0	818.0
1991	330,555.0	67,935.0	55,300.0	1,557.0	11,078.0	242,973.0	5,660.0	18,845.0	218,468.0	19,647.0
1992										
January	333,305.0	71,179.0	58,561.0	1,518.0	11,100.0	239,036.0	5,548.0	18,771.0	214,717.0	23,090.0
February	338,892.0	79,291.0	66,522.0	1,562.0	11,207.0	241,564.0	5,425.0	18,395.0	217,744.0	18,037.0
March	346,780.0	78,774.0	65,767.0	1,561.0	11,446.0	253,758.0	5,374.0	18,456.0	229,928.0	14,248.0
April	349,916.0	77,631.0	63,112.0	1,771.0	12,748.0	261,166.0	4,645.0	18,865.0	237,656.0	11,119.0
May	346,613.0	74,596.0	60,142.0	1,770.0	12,684.0	263,341.0	4,604.0	18,888.0	239,849.0	8,676.0
June	352,733.0	79,527.0	65,447.0	1,794.0	12,286.0	266,806.0	5,243.0	18,395.0	243,168.0	6,400.0
July	353,244.0	78,524.0	63,032.0	1,773.0	13,719.0	265,364.0	5,621.0	17,789.0	241,954.0	9,356.0
August	352,317.0	74,500.0	60,206.0	1,254.0	13,040.0	270,989.0	4,257.0	16,922.0	249,810.0	6,828.0
September	365,295.0	83,275.0	67,734.0	1,757.0	13,784.0	275,127.0	5,201.0	19,703.0	250,223.0	6,893.0
October	372,827.0	87,719.0	72,563.0	1,624.0	13,532.0	279,922.0	4,929.0	18,048.0	256,948.0	5,186.0
November	385,578.0	92,665.0	77,169.0	1,904.0	13,592.0	288,174.0	5,581.0	19,094.0	263,999.0	4,739.0
December	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

Source: Central Bank of the Philippines.

**Table 16.5**  
**TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION**  
**1955 TO 1992**  
*(In million pesos)*

Period	Total	Commercial banks	Rural banks	Private Development banks	Savings banks
1955	1,753.6	1,217.8	6.6	508.9	20.3
1960	2,536.7	1,849.8	63.5	566.5	56.9
1965	7,212.4	5,547.7	234.6	1,288.9	141.2
1970	14,880.5	10,968.0	547.7	2,935.3	429.5
1975	49,717.6	38,788.8	2,416.4	7,331.6	1,180.8
1976	59,752.6	44,892.4	2,666.0	10,451.8	1,742.4
1977	72,077.3	53,726.8	2,897.7	13,082.6	2,370.2
1978	91,378.5	69,596.0	3,519.9	14,966.2	3,296.4
1979	113,958.6	86,936.6	4,286.9	18,505.7	4,229.4
1980	135,802.4	102,064.2	4,820.7	23,459.9	5,457.6
1981	162,652.9	117,789.8	5,658.9	33,929.6	5,274.6
1982	188,704.9	136,507.8	6,923.1	40,683.8	4,590.2
1983	236,238.0	171,558.5	7,974.0	51,013.9	5,691.6
1984	247,293.2	180,667.5	7,384.0	53,731.5	5,510.2
1985	215,453.3	162,171.6	7,072.5	41,412.7	4,796.5
1986	189,052.4	163,377.2	7,266.4	12,485.0	5,923.8
1987	143,914.0	113,472.7	7,693.7	14,611.8	8,135.8
1988	177,876.2	155,200.1	7,970.2	3,820.9	10,885.0
1989	214,836.0	184,891.0	8,859.0	5,053.4	16,032.6
1990	275,887.8	243,992.0	9,735.7	6,139.9	16,020.2
1991	254,256.6	231,958.0	10,744.1	7,399.7	4,154.8
1992					
January	260,583.1	224,843.0	11,151.7	7,499.4	17,089.0
February	262,864.5	226,311.0	11,151.7	7,904.3	17,497.5
March	276,771.2	239,643.0	11,151.7	7,889.1	18,087.4
April	282,138.1	244,099.0	11,573.6	8,223.3	18,242.2
May	288,329.7	249,752.0	11,573.6	8,055.0	18,949.1
June	293,652.4	254,519.0	11,573.6	7,821.5	19,738.3
July	289,510.1	250,988.0	12,259.5	7,925.9	18,336.7
August	296,983.1	258,050.0	12,259.5	8,390.9	18,282.7
September	303,061.2	263,380.0	12,259.5	8,671.8	18,749.9
October	306,586.9	265,720.0	12,671.1	9,541.9	18,653.9
November	321,065.3	278,326.0	12,671.1	10,709.0	19,359.2
December	320,805.3	277,275.0	12,671.1	10,721.8	20,137.4

1 Banco Filipino not included (closed) starting 1985; PAIC Bank not included (closed) starting 1985.

2 After transfer of selected assets and liabilities of one specialized government bank.

\* Private Development Bank excluding Land Bank of the Philippines.

Source: Central Bank of the Philippines.

**Table 16.6**  
**TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION,<sup>1</sup>**  
**1955 TO 1992**  
*(In million pesos)*

Period	Total	Commercial banks	Rural banks	Development banks	Savings banks
1955	282.2	226.9	0.1	52.7	2.5
1960	189.1	131.4	3.9	49.4	4.4
1965	816.5	625.1	10.0	161.6	19.8
1970	2,249.8	1,762.2	12.9	352.0	122.7
1975	8,034.7	6,178.9	68.6	1,506.1	281.1
1976	9,836.1	7,211.0	75.7	2,131.0	418.4
1977	12,679.0	9,466.0	76.8	2,720.9	415.3
1978	15,567.5	11,335.0	97.1	3,478.3	657.1
1979	17,970.7	12,554.0	114.8	4,637.0	664.9
1980	20,484.9	13,314.4	130.0	6,053.0	987.5
1981	25,353.3	15,386.4	170.7	8,976.9	819.3
1982	30,519.4	18,689.1	253.1	10,700.9	876.3
1983	34,616.7	21,443.5	326.0	11,919.8	927.4
1984	35,550.7	22,564.0	361.5	12,140.1	485.1
1985	44,289.9	32,278.0	436.2	10,409.5	1,166.2
1986	39,334.9	34,571.0	475.9	2,865.0	1,423.0
1987	39,412.6	32,141.0	466.7	5,570.4	1,234.5
1988	50,093.8	41,666.4	458.2	5,788.8	2,180.4
1989	69,132.3	61,941.0	493.0	4,138.7	2,559.6
1990	74,241.3	70,813.0	593.4	1,780.2	1,054.7
1991	107,309.6	100,862.0	793.1	1,499.7	4,154.8
1992					
January	114,036.8	107,627.0	890.0	1,622.9	3,896.9
February	118,405.1	111,855.0	890.0	1,699.3	3,960.8
March	114,352.8	107,800.0	890.0	1,990.1	3,672.7
April	107,013.9	101,117.0	910.1	1,691.9	3,294.9
May	102,638.4	96,488.0	910.1	1,464.4	3,775.9
June	108,017.0	100,585.0	910.1	1,646.0	4,875.9
July	112,321.8	103,829.0	906.8	1,714.3	5,871.7
August	105,278.8	96,009.0	906.8	1,927.5	6,435.5
September	117,135.7	107,781.0	906.8	1,755.3	6,692.6
October	115,279.2	106,624.0	896.5	1,678.3	6,080.4
November	124,228.7	115,257.0	896.5	1,824.9	6,250.3
December	123,957.7	114,608.0	896.5	1,747.6	6,705.6

1 Beginning 1959, includes private development banks.

2 After transfer of selected assets and liabilities of one specialized government bank.

\* New concept to include LBP and DMB account. Revision to include

Source: Central Bank of the Philippines.

**Table 16.7**  
**TOTAL DEPOSIT LIABILITIES OF BANKS**  
**1975 TO 1992**

End of Period	Grand Total	Commercial banks				Savings Banks			
		Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	27,571.0	20,746.7	6,664.8	8,951.2	5,130.7	1,183.9	0.0	1,020.0	163.9
1976	34,081.7	26,243.1	7,512.8	11,127.9	7,602.4	1,760.6	0.0	1,371.3	389.3
1977	42,834.1	33,777.0	9,045.0	13,262.5	11,469.5	2,458.1	0.0	1,800.2	657.9
1978	53,821.2	43,652.5	9,602.3	17,313.7	16,736.5	3,478.9	0.2	2,366.5	1,112.2
1979	68,740.2	55,997.2	11,396.9	20,883.7	23,716.6	4,830.6	32.4	3,131.7	1,666.5
1980	88,224.1	72,630.2	13,535.4	23,047.1	36,047.7	5,985.5	162.3	3,738.3	2,084.9
1981	97,739.4	79,261.7	14,311.7	27,016.7	37,933.3	4,565.2	112.8	2,577.8	1,874.6
1982	114,605.1	93,230.4	11,939.4	33,444.7	47,846.3	5,101.0	89.3	2,791.6	2,220.1
1983	137,226.7	116,227.0	19,139.5	40,939.7	56,147.8	5,957.8	124.3	3,168.6	2,664.9
1984	149,572.1	134,552.0	15,272.0	47,211.6	72,068.4	3,138.9	67.2	1,771.2	1,300.5
1985	161,817.2	143,017.7	14,753.3	56,267.5	71,996.9	5,734.8	98.3	3,137.3	2,499.2
1986	157,912.1	138,026.2	19,650.6	70,881.2	47,494.4	7,021.9	166.8	4,538.4	2,316.7
1987	174,265.1	151,794.5	21,978.5	82,155.2	47,660.8	9,170.7	218.2	6,617.6	2,334.9
1988	226,889.4	198,747.0	23,555.0	110,039.0	65,153.0	12,196.1	266.4	8,898.8	3,030.9
1989	59,191.3	25,239.1	2,952.5	13,671.4	8,615.2	16,542.7	397.5	11,933.7	4,211.5
1990	350,612.4	310,743.0	32,607.0	181,070.0	97,066.0	17,264.4	398.2	11,539.1	5,327.1
1991	415,776.8	362,632.0	38,796.0	211,170.0	112,666.0	23,300.3	616.0	16,246.9	6,437.4
1992									
January	400,449.4	348,324.0	35,963.0	203,482.0	108,879.0	21,020.3	510.7	14,133.3	6,376.3
February	405,338.3	352,272.0	36,815.0	206,790.0	108,667.0	21,450.4	537.4	14,562.8	6,350.7
March	421,751.1	365,881.0	37,610.0	216,573.0	111,698.0	22,306.3	562.0	15,343.5	6,400.8
April	417,338.1	360,261.0	40,982.0	209,920.0	109,359.0	22,187.9	557.5	15,098.9	6,531.5
May	428,749.5	371,910.0	38,764.0	223,060.0	110,086.0	22,933.6	585.7	15,742.7	6,605.2
June	438,010.0	379,273.0	40,597.0	224,743.0	113,933.0	23,868.1	632.9	16,297.1	6,938.1
July	426,111.1	367,880.0	41,131.0	218,063.0	108,686.0	23,422.2	596.0	15,667.3	7,158.9
August	431,680.6	372,091.0	38,990.0	228,082.0	105,019.0	24,514.6	635.1	16,538.7	7,340.8
September	451,312.9	389,698.0	41,497.0	236,943.0	111,258.0	24,533.0	611.4	16,418.8	7,502.8
October	457,069.6	395,704.0	42,522.0	235,810.0	117,372.0	24,683.5	516.3	16,699.1	7,468.1
November	477,129.1	414,561.0	43,684.0	248,818.0	122,059.0	24,387.4	-	16,869.6	7,517.8
December	491,951.9	426,582.0	43,457.0	265,973.0	117,152.0	25,965.7	-	18,340.8	7,624.9

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

Table 16.7 - (continued)

End of Period	Private Development Banks				S S L A			
	Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	196.1	0.0	149.0	47.1	213.0	0.0	154.8	58.2
1976	258.4	0.0	173.9	84.5	357.2	0.0	239.3	117.9
1977	332.9	0.0	207.3	125.6	483.0	0.0	317.1	165.9
1978	424.2	0.0	259.1	165.1	677.6	0.0	444.4	233.2
1979	576.5	0.7	344.0	231.8	874.1	0.0	567.2	306.9
1980	779.4	1.9	429.9	347.6	1,097.4	0.0	698.0	399.4
1981	1,191.5	11.2	660.2	520.1	1,466.3	0.0	875.1	591.2
1982	2,025.5	105.4	922.8	997.3	2,185.1	5.6	1,110.5	1,069.0
1983	2,464.7	85.6	1,059.6	1,319.5	2,765.2	20.5	1,225.5	1,519.2
1984	2,185.3	134.0	939.5	1,111.8	1,734.4	13.0	989.9	731.5
1985	2,765.4	130.1	1,249.8	1,385.5	1,970.4	9.9	1,077.3	883.2
1986	3,315.5	213.2	1,583.4	1,518.9	2,613.0	31.0	1,502.9	1,079.1
1987	3,596.8	177.7	1,918.6	1,500.5	2,271.8	0.0	1,283.0	988.8
1988	4,469.9	221.4	2,331.2	1,917.3	2,440.8	0.0	1,390.0	1,050.8
1989	5,429.8	278.0	2,858.6	2,293.2	2,992.3	0.0	1,672.3	1,320.0
1990	7,280.3	260.9	4,081.1	2,938.3	3,041.0	0.0	1,675.3	1,365.7
1991	7,626.8	161.4	4,412.7	3,052.7	3,711.9	0.0	1,892.2	1,819.7
1992								
January	7,784.2	134.9	4,452.2	3,197.1	3,814.6	0.0	1,962.3	1,852.3
February	7,946.0	131.4	4,587.7	3,226.9	3,908.2	0.0	2,023.2	1,885.0
March	8,231.2	141.3	4,756.7	3,333.2	4,026.4	0.0	2,079.6	1,946.8
April	8,267.8	151.1	4,683.1	3,433.6	4,042.9	0.0	2,090.1	1,952.8
May	8,092.5	141.8	4,521.7	3,429.0	3,996.7	0.0	2,001.8	1,994.9
June	8,122.2	151.3	4,318.2	3,652.7	3,994.1	0.0	1,951.5	2,042.6
July	8,172.0	150.2	4,248.1	3,773.7	4,140.5	0.0	2,036.6	2,103.9
August	8,374.6	180.6	4,411.0	3,783.0	4,189.2	0.0	2,075.4	2,113.8
September	8,668.5	162.7	4,589.7	3,916.1	4,228.0	0.0	2,089.0	2,139.0
October	8,794.4	159.6	4,822.1	3,812.7	4,186.6	0.0	2,045.4	2,141.2
November	8,806.1	163.3	4,817.4	3,825.4	4,190.6	0.0	2,061.1	2,129.5
December	9,118.6	171.1	5,062.6	3,884.9	4,332.0	0.0	2,169.9	2,162.1

*Table 16.7 - (continued)*  
**TOTAL DEPOSIT LIABILITIES OF BANKS**  
**1975 TO 1992**

End of Period	Specialized Government Banks				Rural Banks			
	Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	4,146.0	2.8	3,131.9	1,011.3	1,085.3	20.8	656.0	408.5
1976	4,305.1	18.5	2,605.1	1,681.5	1,157.3	18.6	722.4	416.3
1977	4,476.3	31.4	2,616.2	1,828.7	1,306.8	19.8	786.3	500.7
1978	4,021.6	6.9	2,503.2	1,511.5	1,566.4	18.8	974.6	573.0
1979	4,550.7	17.1	2,947.7	1,585.9	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	8,827.4	21.9	6,124.2	2,681.3	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	3,571.4	23.5	2,043.1	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	5,351.3	31.3	3,519.1	1,800.9
1989	2,733.6	23.1	546.1	2,164.4	6,253.8	31.8	4,224.6	1,997.4
1990	5,216.5	932.8	1,759.6	2,524.1	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								
January	9,772.3	1,316.3	3,915.9	4,540.1	9,734.0	47.4	5,859.7	3,826.9
February	10,027.7	1,116.5	4,131.2	4,780.0	9,734.0	47.4	5,859.7	3,826.9
March	11,572.2	1,360.2	4,427.9	5,784.1	9,734.0	47.4	5,859.7	3,826.9
April	12,833.3	1,578.2	4,630.9	6,624.2	9,745.2	46.4	6,171.8	3,527.0
May	12,071.5	1,274.8	4,561.8	6,234.9	9,745.2	46.4	6,171.8	3,527.0
June	13,007.4	1,439.7	4,941.4	6,626.3	9,745.2	46.4	6,171.8	3,527.0
July	12,407.9	1,458.6	4,391.3	6,558.0	10,088.5	45.8	6,099.5	3,943.2
August	12,422.7	1,911.6	4,011.9	6,499.2	10,088.5	45.8	6,099.5	3,943.2
September	14,096.9	1,578.2	3,981.7	8,537.0	10,088.5	45.8	6,099.5	3,943.2
October	13,189.5	1,433.2	2,973.2	8,783.1	10,511.6	46.1	6,306.0	4,159.5
November	14,672.4	1,366.9	3,840.0	9,465.5	10,511.6	46.1	6,306.0	4,159.5
December	15,442.0	1,370.9	4,457.6	9,613.5	10,511.6	46.1	6,306.0	4,159.5

**Table 16.8**  
**NUMBER OF DEPOSIT ACCOUNTS IN BANKS**  
**1975 TO 1992**

Period	Grand Total	Commercial banks				Savings Banks			
		Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	12,400,990	7,067,039	409,338	6,568,582	89,119	2,889,949	0	2,858,891	31,058
1976	14,370,284	7,904,932	454,779	7,300,625	149,528	3,438,880	0	3,374,289	64,591
1977	15,916,418	8,443,217	489,834	7,738,014	215,369	4,186,153	0	4,069,997	116,156
1978	18,244,146	9,031,697	523,094	8,214,089	294,514	5,170,963	6	4,936,358	234,599
1979	20,225,335	9,751,891	551,785	8,807,895	392,211	5,893,166	6,323	5,555,997	330,846
1980	21,047,133	10,130,096	584,570	8,908,984	636,542	6,405,457	13,488	5,961,839	430,130
1981	22,654,497	13,331,037	616,017	11,331,076	1,383,944	4,198,241	10,525	3,866,935	320,781
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222	4,456,376	14,508	4,087,721	354,147
1983	25,589,530	15,225,027	658,041	11,244,354	3,322,632	4,650,985	20,898	4,251,344	378,743
1984	23,745,648	13,971,704	644,173	10,937,280	2,390,251	3,978,748	19,537	3,827,071	132,140
1985	20,244,864	12,616,016	636,860	11,048,769	930,387	2,125,610	26,925	2,010,203	88,482
1986	19,465,502	12,371,867	644,676	10,917,161	810,030	1,856,954	31,341	1,767,978	57,635
1987	19,591,252	12,861,071	695,929	11,388,220	776,922	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									
January	17,384,744	11,329,209	909,504	9,611,134	808,571	1,520,476	63,496	1,357,580	99,400
February	17,310,265	11,268,087	928,641	9,583,928	755,518	1,504,583	64,413	1,341,300	98,870
March	17,420,779	11,363,854	922,548	9,711,051	730,255	1,513,182	65,403	1,350,289	97,490
April	17,801,808	11,838,586	977,804	10,084,723	776,059	1,502,128	65,996	1,340,803	95,329
May	17,364,535	11,374,174	938,750	9,700,758	734,666	1,487,947	65,965	1,327,999	93,983
June	17,730,033	11,747,120	974,184	10,005,211	767,725	1,490,726	66,675	1,329,542	94,509
July	17,479,825	11,420,822	953,238	9,744,570	723,014	1,468,686	66,388	1,311,903	90,395
August	17,133,057	11,174,163	947,728	9,528,113	698,322	1,464,836	67,015	1,306,476	91,345
September	17,374,362	11,422,717	950,297	9,730,029	742,391	1,463,984	66,972	1,305,660	91,352
October	17,655,822	11,630,043	963,520	9,912,043	754,480	1,505,187	68,171	1,300,974	136,042
November	17,797,315	11,816,184	985,823	10,108,667	721,694	1,465,459	68,398	1,299,584	97,477
December	17,978,008	11,921,710	1,004,911	10,146,073	770,726	1,442,892	69,269	1,284,452	89,171

Note: Data includes DBP starting August 1986.

a After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

Table 16.8 - (continued)

Private Developments Banks				Specialized Government Banks				Rural Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time	Total	Demand	Savings	Time
459,041	0	451,302	7,739	31,165	178	29,816	1,171	1,953,796	4,489	1,917,725	31,582
541,730	0	530,517	11,213	53,713	659	51,217	1,837	2,431,029	4,181	2,393,543	33,305
627,479	0	610,456	17,023	72,621	1,356	68,891	2,374	2,586,948	3,946	2,544,000	39,002
697,428	0	669,742	27,686	89,152	1,753	84,577	2,822	3,254,906	5,451	3,181,564	67,891
782,016	0	738,049	43,967	104,066	4,336	96,130	3,600	3,694,196	9,053	3,580,648	104,495
834,452	451	760,645	73,356	122,446	3,527	112,434	6,485	3,554,682	8,887	3,445,553	100,242
919,162	1,678	824,585	92,899	137,855	4,252	129,065	4,538	4,068,202	7,189	3,942,409	118,604
1,031,915	3,511	857,634	170,770	160,599	5,330	148,668	6,601	4,127,242	5,235	3,974,468	147,539
1,143,999	5,725	945,133	193,141	182,546	5,985	168,370	8,191	4,386,973	4,260	4,215,982	166,731
1,048,020	6,375	915,191	126,454	198,396	6,118	183,984	8,294	4,548,780	4,333	4,384,976	159,471
949,631	8,857	890,703	50,071	205,255	6,449	192,158	6,648	4,348,352	4,497	4,241,448	102,407
855,163	11,245	748,189	95,729	210,994	6,588	199,581	4,825	4,170,524	<b>5,678</b>	4,075,190	89,656
747,396	11,954	700,210	35,232	230,978	7,748	217,937	5,293	4,081,533	<b>3,088</b>	3,994,251	84,194
708,748	9,968	660,254	38,526	112,646	1,296	107,897	3,453	3,985,380	<b>8,863</b>	3,892,226	84,291
680,744	11,675	635,276	33,793	82,073	1,162	77,785	3,126	4,097,864	<b>4,475</b>	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
602,527	17,559	550,820	34,148	124,896	8,556	104,372	11,968	3,807,636	4,923	3,703,394	99,319
603,679	18,160	551,015	34,504	126,280	8,717	105,115	12,448	3,807,636	4,923	3,703,394	99,319
610,038	18,092	553,152	38,794	126,069	8,822	104,637	12,610	3,807,636	4,923	3,703,394	99,319
539,042	18,276	484,708	36,058	126,833	8,911	105,385	12,537	3,795,219	5,478	3,690,233	99,508
578,201	18,770	526,725	32,706	128,994	11,118	106,166	11,710	3,795,219	5,478	3,690,233	99,508
576,570	18,773	522,937	34,860	120,398	13,051	95,445	11,902	3,795,219	5,478	3,690,233	99,508
675,456	18,543	610,951	45,962	133,604	13,437	108,123	12,044	3,781,257	4,879	3,675,673	100,705
578,486	18,599	525,256	34,631	134,315	13,740	108,516	12,059	3,781,257	4,879	3,675,673	100,705
569,852	19,056	517,206	33,590	136,552	14,341	110,167	12,044	3,781,257	4,879	3,675,673	100,705
589,669	19,983	533,719	35,967	137,187	15,287	109,952	11,948	3,793,736	5,428	3,684,190	104,118
583,953	20,048	528,966	34,939	137,983	15,370	110,577	12,036	3,793,736	5,428	3,684,190	104,118
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

**Table 16.9**  
**TOTAL ASSETS AND TOTAL LIABILITIES, BY INSTITUTION**  
**1955 TO 1992**  
*(In million pesos)*

End of Period	Central Bank		Commercial banks		Savings banks		Rural banks		Development banks	
	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities
1955	966.4	932.5	1,412.9	1,393.4	25.2	22.5	7.9	2.0	560.9	221.1
1960	1,948.3	1,637.2	2,336.8	2,052.9	71.6	61.6	76.2	39.6	624.5	319.1
1965	3,096.6	2,866.9	6,731.0	5,902.7	201.4	173.3	279.0	157.4	1,346.2	954.5
1970	6,003.2	5,731.5	14,066.1	12,595.4	724.4	648.6	663.7	428.7	3,219.0	2,516.8
1975	25,974.2	25,632.8	53,165.0	47,993.0	1,421.9	1,274.7	2,773.3	2,323.3	9,967.1	7,574.4
1976	28,972.2	28,598.2	58,730.9	53,159.0	2,043.1	1,860.3	3,053.2	2,519.0	13,175.7	10,253.2
1977	28,982.8	28,563.3	68,679.0	61,708.0	2,810.4	2,590.8	3,382.6	2,779.4	16,299.6	12,911.7
1978	38,358.0	37,940.7	90,929.9	81,569.4	3,896.8	3,621.7	4,112.0	3,408.7	759.7	590.2
1979	50,790.2	69,943.4	115,376.5	104,774.8	5,389.9	5,048.7	5,017.0	4,212.8	1,023.4	810.2
1980	65,447.3	71,042.1	144,489.0	132,018.1	7,352.4	6,730.8	5,642.2	4,769.5	1,620.6	1,309.1
1981	71,571.2	129,817.9	171,704.4	155,716.6	6,930.5	6,447.1	6,631.2	5,607.8	2,631.4	2,153.5
1982	91,691.8	91,169.1	198,865.0	179,559.3	5,872.4	5,415.7	8,136.5	6,965.3	3,703.0	3,149.9
1983	130,371.7	129,817.9	256,458.4	233,705.9	7,399.4	6,825.9	9,499.7	8,107.5	4,613.2	3,957.6
1984	206,026.5	205,434.5	299,226.3	271,425.5	7,613.8	6,963.4	9,023.3	7,513.0	4,525.3	3,825.4
1985	251,611.9	250,970.6	296,563.9	271,386.9	6,847.2	6,400.1	8,821.7	7,240.8	5,084.2	4,300.6
1986	313,892.0	313,215.0	264,635.1	232,386.9	8,124.4	7,540.9	9,350.5	7,651.6	5,621.5	4,899.6
1987	325,185.1	324,472.8	287,465.1	251,403.0	10,534.1	9,722.2	9,960.8	8,101.1	5,474.5	4,614.9
1988	349,932.7	349,150.1	342,312.0	299,510.0	14,165.4	13,163.8	11,018.2	8,980.2	6,698.0	5,702.3
1989	385,889.7	385,016.5	420,410.0	372,890.0	19,689.4	18,081.1	12,521.8	10,220.5	8,527.4	7,217.7
1990	444,893.2	442,977.4	539,708.0	477,874.0	21,913.8	19,765.8	13,862.1	11,169.0	11,251.3	9,323.5
1991	529,161.0	527,058.0	599,122.0	516,780.0	29,909.1	26,815.2	15,936.0	12,814.0	12,253.5	10,326.7
1992										
January	536,156.0	534,041.9	585,724.0	508,507.0	27,504.7	24,369.0	16,736.7	13,469.9	12,594.3	10,612.5
February	543,155.6	541,022.4	589,139.0	511,301.0	28,540.9	25,287.0	16,736.7	13,469.9	13,061.4	11,065.4
March	552,110.7	549,969.0	606,827.0	527,533.0	29,018.9	25,692.5	16,736.7	13,469.9	13,408.3	11,387.0
April	527,956.6	525,842.0	603,365.0	522,710.0	30,343.7	25,648.2	17,360.9	13,982.1	14,463.6	11,406.4
May	521,897.6	519,951.1	611,996.0	529,724.0	32,810.1	27,145.8	17,360.9	13,982.1	13,185.3	11,187.8
June	525,815.3	523,726.1	626,206.0	543,189.0	31,870.4	29,552.8	17,360.9	13,982.1	13,104.6	11,084.8
July	524,326.7	522,155.3	609,739.0	525,528.0	33,363.6	28,453.8	17,999.6	14,410.2	13,140.3	11,081.7
August	522,488.9	520,308.7	618,475.0	532,339.0	33,692.4	35,586.9	17,999.6	14,410.2	14,139.1	11,800.3
September	395,398.4	544,208.0	642,714.0	555,092.0	33,240.0	30,113.6	17,999.6	14,410.2	14,225.4	11,845.7
October	550,717.2	548,515.5	644,773.0	556,445.0	34,686.6	29,674.6	18,641.3	14,955.4	14,920.9	12,520.5
November	562,778.4	560,566.9	660,880.0	571,390.0	34,686.6	31,048.3	18,641.3	14,955.4	17,041.2	14,167.1
December	586,297.9	583,711.9	691,100.0	600,138.0	36,701.4	33,000.0	18,641.3	14,955.4	17,023.8	14,105.8

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

Source: Central Bank of the Philippines

Table 16.10

## LOANS GRANTED BY DEVELOPMENT BANKS CLASSIFIED BY INDUSTRY

1970 TO 1992

(In million pesos)

Period	Total	Agriculture, fisheries & forestry	Mining and quarrying	Manu- facturing	Cons- truc- tion	Real estate	Transportation Storage & Communi- cation	Financing Insurance & Business Services	Community, Social & Personal Services
1970	162.0	64.9	1.0	44.8	1.3	9.0	37.6	3.0	0.4
1971	116.6	61.5	0.4	16.7	0.5	22.1	6.3	2.6	6.5
1972	181.1	100.0	1.2	39.3	0.1	27.4	7.3	2.4	3.4
1973	326.3	160.2	0.7	88.4	1.2	45.8	11.9	3.7	14.4
1974	854.3	255.7	1.6	269.8	1.3	165.2	145.0	7.0	8.7
1975	2,822.5	822.4	32.5	491.8	9.7	1,076.7	322.4	9.5	57.5
1976	2,608.3	892.9	341.9	507.8	13.1	562.4	232.2	17.5	40.5
1977	2,951.3	624.6	735.3	825.2	0.7	122.5	339.7	223.6	79.7
1978	3,539.9	617.2	500.2	1,328.1	2.4	514.2	476.4	72.8	28.6
1979	4,860.8	830.3	46.8	3,098.1	8.2	531.0	122.2	94.2	130.0
1980	6,084.5	833.5	812.7	2,323.1	9.4	1,012.0	691.7	256.7	145.4
1981	6,679.6	1,099.6	1,290.1	2,349.9	17.4	1,105.5	438.7	293.9	84.5
1982	7,170.7	1,047.4	753.0	2,486.9	158.8	1,146.2	520.1	1,003.7	54.6
1983	8,227.7	431.2	1,138.4	1,941.8	287.4	1,678.9	319.9	2,429.9	0.2
1984	3,957.6	426.4	18.5	500.7	45.2	1,099.1	799.6	1,068.1	0.0
1985	3,095.8	414.4	41.9	587.7	32.2	303.1	181.6	1,534.9	0.0
1986	6,253.5	936.5	5.6	560.3	19.5	199.3	57.2	2,588.5	1,886.6
1987	7,647.8	1,144.8	13.7	804.5	52.5	224.9	35.8	4,600.5	771.1
1988	10,677.9	1,652.6	5.2	2,293.5	236.3	552.8	364.6	4,560.1	1,012.8
1989	14,741.4	1,693.6	28.1	2,454.1	261.1	956.6	2,278.3	7,069.6	1,737.1
1990	14,269.6	1,588.9	28.3	3,267.2	405.0	1,050.6	3,145.7	4,783.9	587.0
1991	15,464.0	2,014.7	282.5	3,903.6	334.2	1,484.7	132.8	6,973.8	337.7
January	1,509.8	165.4	202.4	266.7	72.0	194.3	23.0	565.6	20.4
February	1,221.2	135.3	0.7	182.5	30.9	131.1	3.1	726.1	11.5
March	1,156.3	131.4	0.9	305.9	22.0	114.6	12.5	555.2	13.8
April	1,287.2	71.1	4.0	565.9	12.7	77.4	5.2	509.3	41.6
May	1,101.9	117.5	3.2	199.3	16.7	91.6	5.9	647.8	19.9
June	1,519.2	180.2	0.5	547.6	8.7	91.4	22.5	657.1	11.2
July	1,447.5	160.4	0.6	321.7	17.4	245.1	8.0	672.2	22.1
August	1,125.0	157.4	5.5	248.7	47.6	67.0	7.6	507.4	83.8
September	1,214.8	137.4	21.4	323.4	39.4	118.1	7.5	534.3	33.3
October	1,331.6	164.2	0.3	389.9	41.2	158.1	9.7	541.8	26.4
November	1,147.3	172.8	9.8	176.9	12.2	83.2	7.1	667.3	18.0
December	1,402.2	421.6	33.2	375.1	13.4	112.8	20.7	389.7	35.7
1992	7,205.5	947.2	48.1	2,772.2	234.5	978.3	654.8	1,200.9	369.5
January	1,159.3	209.2	12.0	336.2	45.5	219.8	46.7	234.4	55.5
February	1,313.2	125.5	20.6	637.8	17.1	109.2	74.7	249.9	78.4
March	1,377.2	153.3	4.6	446.8	21.0	167.9	305.1	190.4	88.0
April	1,591.3	211.6	1.2	721.1	26.9	237.1	167.3	180.0	46.1
May	879.3	137.6	2.1	328.1	66.2	88.8	24.3	175.7	56.5
June	885.3	110.0	7.6	302.2	57.8	155.5	36.7	170.5	45.0

Source: Central Bank of the Philippines.

**Table 16.11**  
**TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS**  
**CLASSIFIED BY PRODUCTS: 1965 TO 1991**  
*(In thousand pesos)*

	Total	Palay or rice	Sugar	Corn	Coconut	Tobacco	Coffee and cocoa
1965	49,893	15,506	7,420	843	10,962	285	441
1970	58,039	19,814	9,395	1,180	12,764	460	155
1975	592,414	239,944	30,387	17,993	47,330	764	1,455
1976	637,162	277,741	33,589	23,013	47,668	539	2,024
1977	511,413	223,868	17,868	36,446	57,314	373	2,318
1978	449,893	133,370	12,062	52,140	62,782	203	5,873
1979	520,445	94,291	8,559	22,364	61,789	399	6,769
1980	519,075	96,747	9,964	14,846	61,681	341	21,545
1981	189,494	70,924	12,937	1,127	21,008	243	4,019
1982	565,468	200,849	27,000	9,491	69,063	1,053	11,520
1983	303,564	96,059	20,571	4,097	21,915	547	8,762
1984	158,224	41,605	22,779	53	6,304	97	2,785
1985	235,820	48,486	49,364	898	10,847	337	7,914
1986	500,748	184,843	98,574	3,589	23,775	173	8,209
1987	736,296	242,782	99,603	15,968	44,221	971	18,590
1988	841,247	295,162	148,156	3,935	12,149	137	22,243
1989	1,157,968	332,362	128,416	21,429	21,879	188	11,368
1990	1,044,658	359,746	215,966	13,700	18,463	3,596	3,491
1991	1,320,271	566,349	192,513	14,067	37,081	350	36,218
January	85,713	33,678	21,476	1,381	12,199	100	565
February	85,636	33,062	9,351	2,175	2,032	150	247
March	104,777	47,335	20,508	3,541	4,345	100	2,143
April	55,260	25,806	6,738	1,192	1,919	-	3,242
May	92,819	42,914	5,410	1,200	2,003	-	3,241
June	93,965	48,346	19,513	1,550	2,019	-	157
July	77,480	24,141	17,260	640	1,730	-	546
August	96,277	24,567	26,827	577	1,917	-	371
September	68,574	24,380	12,019	491	1,977	-	158
October	88,334	35,344	7,323	348	2,047	-	163
November	119,184	32,930	23,261	371	2,402	-	25,190
December	352,252	193,846	22,827	601	2,491	-	195

1 This consists of the Development Bank of the Philippines and Private Banks before adjustments reduction and/or cancellation of loan approval).

2 Includes mango, soybeans, banana and cotton.

Source: Central Bank of the Philippines.

Table 16.11 (continued)

Cassava & other root crops	Abaca	Ramie	Other fibers	Citrus	Pine- apple	Other fruits and vegetables	Salt farming	Livestock and poultry
13	924	12	23	592	5	1,016	268	11,583
53	63	0	0	132	120	920	368	12,615
74	7,554	210	6	3,331	0	8,181	212	234,973
10	11,614	43	264	2,217	0	15,985	184	222,271
91	7,404	7	171	1,744	504	7,742	73	155,490
479	2,663	5	320	1,669	42,864	5,043	457	129,963
127,003	1,799	5	1,163	2,275	1,109	8,155	514	184,251
10,319	1,703	96	924	2,046	181	6,872	1,194	290,616
356	0	30	0	483	0	1,634	778	75,955
2,930	1,406	50	1,848	986	520	7,824	3,351	227,577
784	433	135	3,789	1,002	664	1,957	5,280	137,569
1,007	0	0	500	326	0	8,853	348	73,567
663	589	10	11	414	137	9,670	2,513	103,967
2,355	835	2,100	9	1,834	7,500	5,619	1,103	160,230
412	241	759	82	1,002	0	5,553	1,459	304,653
2,657	162	511	50	1,046	0	9,437	3,053	342,549
5,017	1,488	0	0	1,235	12	1,081	12,234	621,259
3,133	1,281	133	10	1,603	81	5,728	516	417,211
3,527	1,685	0	140	1,302	150	20,286	548	446,055
87	133	0	-	99	-	1,536	54	14,405
51	135	0	-	92	-	972	55	37,314
305	133	0	-	81	-	1,132	54	25,100
306	135	0	50	133	150	911	55	14,623
935	134	0	-	218	-	1,327	55	35,382
483	133	0	20	133	-	1,093	55	20,463
395	133	0	-	91	-	2,830	54	29,660
417	133	0	-	81	-	1,066	54	40,267
160	137	0	-	83	-	796	55	28,318
111	142	0	-	86	-	1,198	57	41,515
213	166	0	45	101	-	1,367	-	33,138
64	171	0	25	104	-	6,058	-	125,870

Table 16.11 (continued)

**TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS  
CLASSIFIED BY PRODUCTS: 1965 TO 1991**  
(In thousand pesos)

Period	Hunting strapping & game propa- gation	Ferti- lizer seed- lings	Farm imple- ments	Rubber planta- tion	Tree (farming for the produc- tion of paper)	Sorghum (for chicken and poultry feed)	Grapes	Grains proces- sing & storage	Others
1965	0	635	2,137	107	0	0	0	0	895
1970	11	894	516	471	0	0	0	0	505
1975	181	2,671	3,016	2,747	4,619	187	2,615	0	9,655
1976	72	3,740	11,112	9,684	399	42	50	0	14,288
1977	8	2,014	4,237	7,964	3,227	749	45	34,774	8,541
1978	10	2,743	3,796	16,269	3,356	1,338	15	35,578	7,515
1979	102	2,295	2,887	12,603	3,845	1,070	120	27,370	160,212
1980	407	4,448	5,651	30,868	29,693	326	0	68,449	37,640
1981	0	7,972	7,117	0	0	0	0	0	21,484
1982	563	11,056	5,363	6,084	4,457	0	0	12,111	214,198
1983	0	8,433	4,959	3,244	0	15	42	0	53,692
1984	10	13,955	2,889	9,555	13	0	0	0	145,523
1985	0	4,197	5,123	107	182	0	0	1,098	61,989
1986	1,425	30,193	12,441	1,914	0	0	0	8,086	205,380
1987	497	28,773	13,556	14,852	100	0	0	1,722	90,443
1988	0	5,364	12,452	2,358	4,106	0	0	2,274	522,242
1989	7,400	28,187	37,171	15	0	0	0	0	222,960
1990	1,147	75,434	25,549	1,358	0	0	0	0	183,734
1991	0	9,174	15,989	840	0	0	0	0	307,339
January	0	6,124	3,203	80	0	0	0	0	48,824
February	0	30	513	-	0	0	0	0	29,967
March	0	128	472	-	0	0	0	0	18,135
April	0	93	705	325	0	0	0	0	6,133
May	0	618	1,799	325	0	0	0	0	11,797
June	0	545	3,034	-	0	0	0	0	34,485
July	0	474	548	-	0	0	0	0	14,088
August	0	565	1,394	-	0	0	0	0	18,130
September	0	290	1,158	-	0	0	0	0	28,613
October	0	115	1,079	110	0	0	0	0	43,279
November	0	10	897	-	0	0	0	0	21,987
December	0	182	1,187	-	0	0	0	0	31,901

Figure 16.2 Percent Distribution of Loans and Investments Outstanding by Institution: 1992

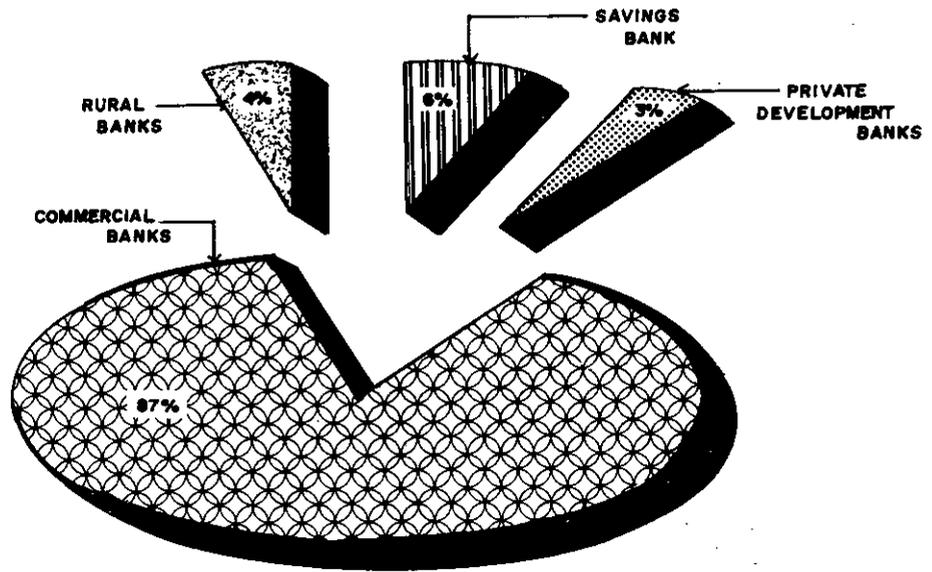


Figure 16.3 Total Assets by Institution: 1983 to 1992

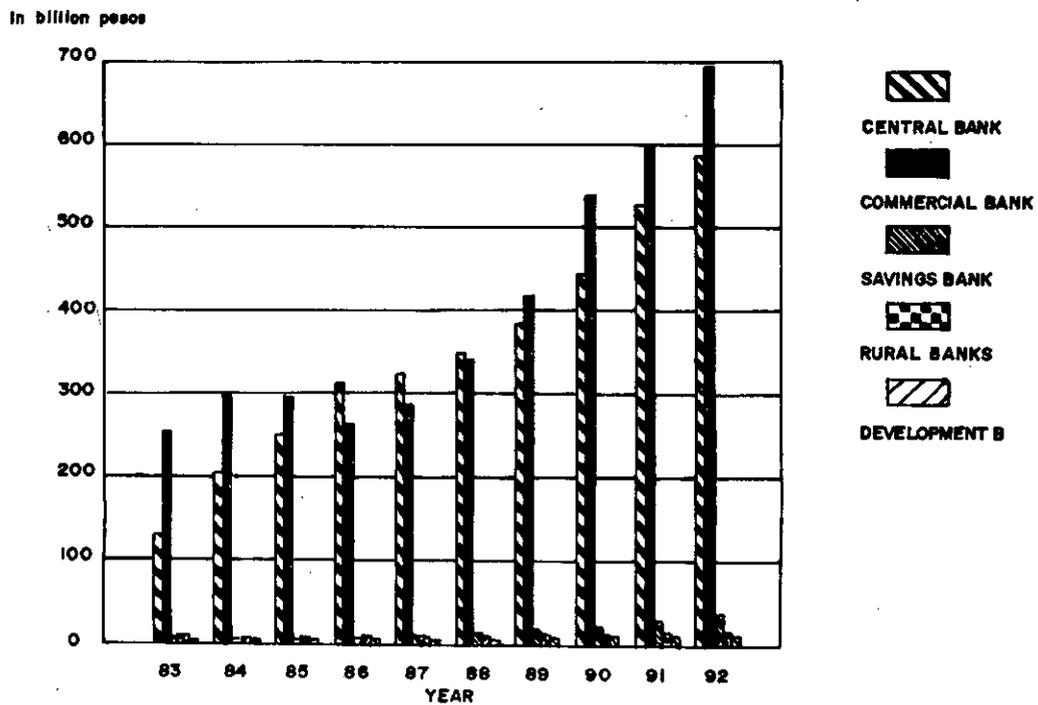


Table 16.12

## STATEMENT OF LOANS AND EQUITIES APPROVED AND TOTAL RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES:

FY 1955-56 TO CY 1992

(Amount in million pesos; annual increase in percent)

Year	Total	Agri-cultural loans	Indus-trial loans	Real Estate loans	Govern-ment loans	Educa-tional assistance loans	Subscrip-tion to capital stocks/rural banks	Advances and subscrip-tions to capital	Finan-cial rehabi-litation loans	Equities and other invest-ment	Bank resources
								stock private develop-ment banks			
1955-56	81.4	26.6	19.9	27.1	5.7	0.5	1.6	0.0	0.0	0.0	352.7
1960-61	219.8	42.4	155.6	6.5	5.2	0.0	5.6	4.5	0.0	0.0	510.6
1965-66	115.3	42.1	42.1	7.5	8.8	0.0	5.4	9.4	0.0	0.0	1,208.7
1970-71	51.9	24.2	8.9	9.0	1.6	0.0	1.9	6.3	0.0	0.0	3,276.5
1974-75	2,642.7	550.5	750.0	1,057.4	34.2	0.0	9.8	29.0	0.0	211.8	7,837.9
1975-76	2,561.5	840.9	1,080.4	448.0	57.1	0.0	10.9	39.8	0.0	84.4	11,087.7
1976	2,577.5	773.8	1,000.8	549.0	48.5	0.0	8.3	45.3	0.0	151.8	12,607.3
1977	3,068.9	536.1	1,847.8	268.9	79.6	1.7	6.4	62.6	0.0	265.8	15,605.5
1978	3,443.5	508.5	1,907.7	493.6	72.1	2.3	0.0	57.5	0.0	401.8	18,024.5
1979	5,874.7	701.4	3,053.0	499.2	130.2	3.9	0.0	97.3	39.5	1,350.2	21,893.0
1980	6,631.9	648.3	3,564.4	1,050.7	41.8	4.5	0.0	151.1	0.0	1,171.1	27,086.2
1981	9,537.4	793.4	4,701.0	1,018.4	92.3	4.2	0.0	184.3	0.0	2,743.8	34,706.8
1982	7,791.2	626.3	3,000.4	1,001.8	93.0	7.0	11.4	220.2	0.0	2,831.1	43,988.5
1983	5,602.8	109.4	2,939.5	1,069.7	59.1	6.3	5.6	158.0	0.0	1,255.2	54,934.0
1984	9,332.8	94.8	934.8	758.2	0.0	5.8	0.9	42.5	0.0	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	0.0	0.0	103.0	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	0.0	0.0	10.0	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

a Includes foreign currency loan.

Source: Development Bank of the Philippines.

Figure 16.4 Total Loans Granted by Development Banks: 1983 to 1992

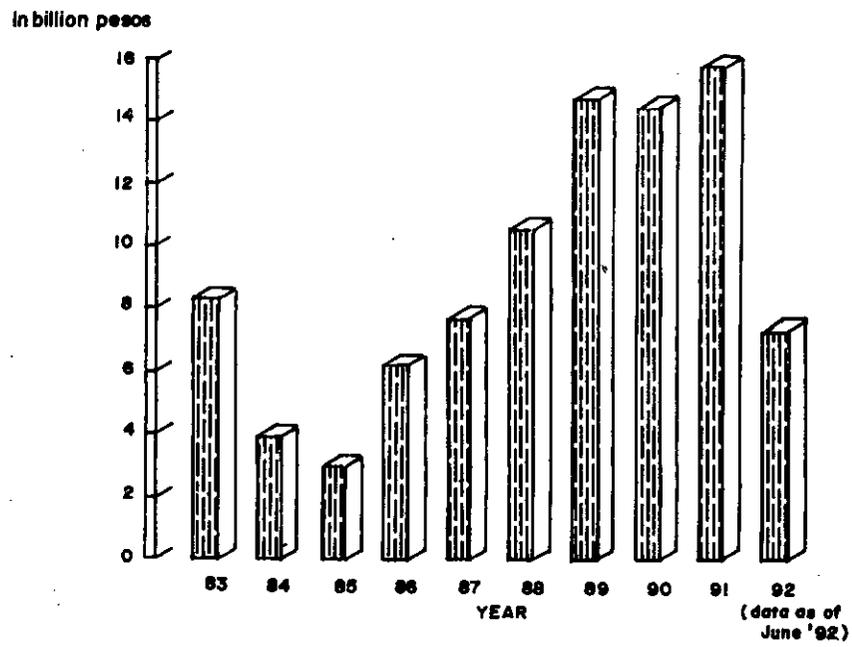


Figure 16.5 Sources and Application of Funds of the GSIS: 1983 to 1992

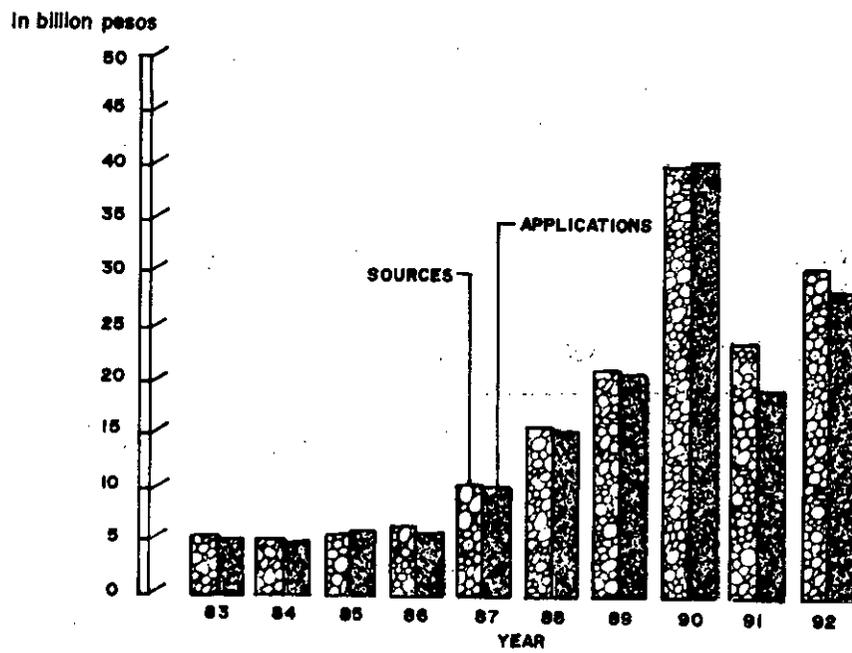


Table 16.13

FINANCIAL CONDITION OF THE GOVERNMENT SERVICE INSURANCE SYSTEM

FY 1970-1971 TO CY 1992

(In million pesos)

Year	Assets						Res		
	Total	Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	Employees Compensation insurance fund	Total	Social insurance fund	Optional Life insurance fund
1970-1971	2,905.0	2,851.0	0.0	54.0	0.0	0.0	2,769.3	2,755.1	0.0
1971-1972	3,390.8	3,327.8	0.0	63.0	0.0	0.0	3,073.3	3,054.2	0.0
1972-1973	3,614.7	3,482.8	0.0	79.6	52.3	0.0	3,343.4	3,289.5	0.0
1973-1974	4,008.2	3,848.0	0.0	106.3	53.9	0.0	3,658.2	3,613.0	0.0
1974-1975	4,425.6	4,212.2	0.0	151.1	50.8	11.5	4,036.5	3,990.3	0.0
1976	6,339.4	5,825.5	0.0	402.1	35.8	76.0	5,152.2	5,082.4	0.0
1977	6,751.4	6,073.5	0.0	520.4	24.6	132.9	5,563.9	5,559.7	0.0
1978	7,833.3	6,815.8	299.6	505.6	12.5	199.8	6,393.5	5,819.2	286.1
1979	8,137.0	7,080.0	351.4	403.6	49.4	252.6	7,246.6	6,653.0	290.0
1980	9,245.5	8,018.2	364.3	484.0	78.2	300.8	8,210.7	7,525.6	281.5
1981	10,943.8	9,688.7	411.5	563.1	21.3	259.2	9,789.1	8,926.4	295.4
1982	13,312.3	11,895.5	440.0	678.2	56.2	242.4	11,514.0	10,541.7	308.6
1983	14,610.0	13,090.8	446.6	685.4	100.8	286.4	12,959.7	11,757.2	376.9
1984	15,641.7	13,802.5	498.2	865.8	134.7	340.5	13,916.1	12,311.8	448.7
1985	16,752.9	14,382.3	598.0	1,014.0	303.0	455.6	15,225.3	13,327.4	534.5
1986	19,326.2	15,588.5	730.8	2,183.3	388.4	435.2	18,113.9	16,430.7	489.7
1987	22,537.5	17,717.0	873.0	3,061.0	462.0	424.5	18,931.9	16,648.9	596.7
1988	24,899.5	20,885.0	1,081.7	1,990.8	531.3	410.7	21,537.3	19,246.8	608.7
1989	29,106.8	23,803.0	1,395.2	2,842.3	689.9	376.4	24,481.2	21,773.3	757.6
1990	35,527.0	28,622.8	1,605.8	3,965.3	833.8	499.3	29,403.6	26,159.0	869.1
1991	43,048.2	35,584.7	2,018.9	4,060.7	863.0	520.9	37,470.3	33,715.4	1,001.1
1992	50,678.5	41,700.3	2,563.6	5,021.7	891.7	501.2	43,841.6	39,862.3	1,134.6

1 Composed of Life and Retirement Insurance Fund prior to 1979.

2 Started operation 1978.

3 Refers to Property Insurance Fund prior to 1973.

4 Started operation 1973.

5 Started operation March 1975

a Net of Interfund borrowing/lending.

Source: Government Service Insurance System.

Table 16.13 - (continued)

erves			Surplus					
General insurance fund	Medicare insurance fund	Employees Compensation insurance fund	Total	Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	Employees Compensation insurance fund
14.2	0.0	0.0	51.6	38.1	0.0	13.5	0.0	0.0
19.1	0.0	0.0	63.8	54.3	0.0	9.5	0.0	0.0
18.5	35.4	0.0	79.1	46.3	0.0	23.6	9.2	0.0
9.6	35.6	0.0	104.7	29.5	0.0	57.6	17.6	0.0
9.5	35.4	1.3	133.5	29.2	0.0	80.2	14.2	9.9
13.7	45.1	11.0	472.7	240.8	0.0	177.6	(10.3)	64.6
4.2	0.0	0.0	551.2	252.7	0.0	207.0	(21.6)	113.1
217.7	44.3	26.2	439.2	271.1	10.7	31.8	(34.7)	160.3
217.8	52.2	33.6	543.7	218.9	57.4	66.6	(12.5)	213.3
263.3	83.9	56.4	672.1	250.1	74.0	121.0	(12.7)	239.7
320.5	104.7	142.1	782.5	291.7	120.2	146.1	8.9	215.6
367.2	120.6	175.9	992.2	327.4	163.9	163.8	70.9	266.2
464.3	144.8	216.5	937.7	219.0	126.2	178.6	128.2	285.7
535.9	218.2	401.5	672.3	218.9	99.5	177.6	79.5	96.8
676.8	240.2	446.4	521.5	218.9	85.7	142.0	74.9	0.0
711.6	174.4	307.5	(562.0)	(1,618.0)	224.8	534.6	195.1	101.5
886.0	385.0	415.3	1,034.0	219.0	261.0	519.0	35.0	0.0
830.1	436.4	415.3	1,415.0	219.0	455.1	729.2	56.3	(44.6)
992.4	542.7	415.2	2,259.7	1,039.9	524.0	655.7	81.7	(41.6)
1,316.1	598.4	461.0	3,389.3	1,693.7	726.3	759.3	194.9	15.1
1,443.2	824.7	485.9	2,258.8	0.0	976.5	1,286.3	0.0	0.6
1,533.1	825.7	485.9	3,212.9	0.0	1,342.9	1,904.6	0.0	(34.6)

Table 16.14

**TREND OF INVESTMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM  
FY 1955-56 TO CY 1992  
(In million pesos)**

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	Others
1955-56	209.4	33.5	18.7	54.0	89.2	14.0
1960-61	505.6	89.3	36.9	202.7	138.5	38.2
1965-66	1,123.2	172.2	75.7	559.5	290.0	25.8
1970-71	2,005.3	393.3	177.9	1,076.6	334.0	23.5
1971-72	2,352.9	368.1	202.5	1,343.5	346.1	92.7
1972-73	2,567.7	346.2	229.3	1,517.1	338.0	137.1
1973-74	2,819.1	353.9	255.3	1,673.3	393.0	143.6
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

a/ The change was due to the classification of the special savings deposits (SSD) to cash in bank.

l Includes educational assistance loans, backpay certificates, Fly PAL Pay Later Plan and/or miscellaneous investments.

Source: Government Service Insurance System.

Table 16.15

**SOURCES AND APPLICATION OF FUNDS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM  
FY 1970-71 TO CY 1992**  
(In million pesos)

Year	SOURCES					APPLICATION				
	Receipts					Disbursements				
	Cash balance beginning	Insurance premiums	Repayments of investments	Others	Total funds available	Claims & benefits payments	Investments	Operating expenses and other misc. disbursements	Others	Total funds applied
1970-71	(33.2)	386.5	522.0	302.4	1,177.7	224.1	602.7	195.4	156.4	1,178.6
1971-72	(0.8)	483.8	476.6	505.1	1,464.7	254.9	642.6	141.7	447.2	1,486.4
1972-73	(6.0)	520.8	433.3	379.2	1,327.3	398.9	672.1	74.3	165.6	1,310.9
1973-74	16.6	530.2	530.2	464.1	1,541.1	427.2	847.8	108.9	192.9	1,576.8
1974-75	(35.7)	632.2	818.1	386.8	1,801.4	411.3	866.6	142.8	427.3	1,848.0
1976	(88.8)	212.6	115.0	534.3	773.1	235.4	507.2	25.2	74.7	842.5
1977	(69.4)	915.3	685.7	332.2	1,863.8	467.5	974.1	99.7	361.1	1,902.4
1978	(38.6)	1,159.0	579.6	488.9	2,188.9	668.5	1,147.2	143.2	242.8	2,201.7
1979	(12.8)	1,425.9	1,129.1	471.0	3,013.2	726.9	1,595.1	328.3	298.9	2,949.2
1980	64.0	1,730.4	1,041.2	307.1	3,142.7	699.0	1,793.9	237.4	264.4	2,994.7
1981	148.1	2,224.1	1,633.5	382.7	4,388.4	794.0	2,709.6	241.9	639.0	4,384.5
1982	3.9	2,312.6	1,496.8	383.8	4,197.1	922.7	2,310.4	284.5	670.9	4,188.5
1983	8.6	2,494.6	2,244.7	530.5	5,278.4	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	5,061.5	1,061.7	2,823.3	285.1	845.2	5,015.3
1985	46.1	2,841.6	2,184.6	513.9	5,586.2	1,470.4	2,726.5	491.2	900.2	5,588.3
1986	(2.1)	3,051.2	3,148.0	578.4	6,775.5	1,567.3	3,772.5	605.7	654.1	6,599.6
1987	176.0	4,093.0	5,684.3	518.0	10,471.3	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	a/ 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

a/ 1991 beginning cash balance was adjusted to include the time deposit reclassified as Cash Bank Act.

1 Period covered July 1 to December 31, 1976.

Note: Format revised to conform to source data's published format.

Account Receivables and Interest were included in 'Others'.

Source: Government Service Insurance System.

Figure 16.6 Total Expenditures of the SSS by Source, 1983-1992

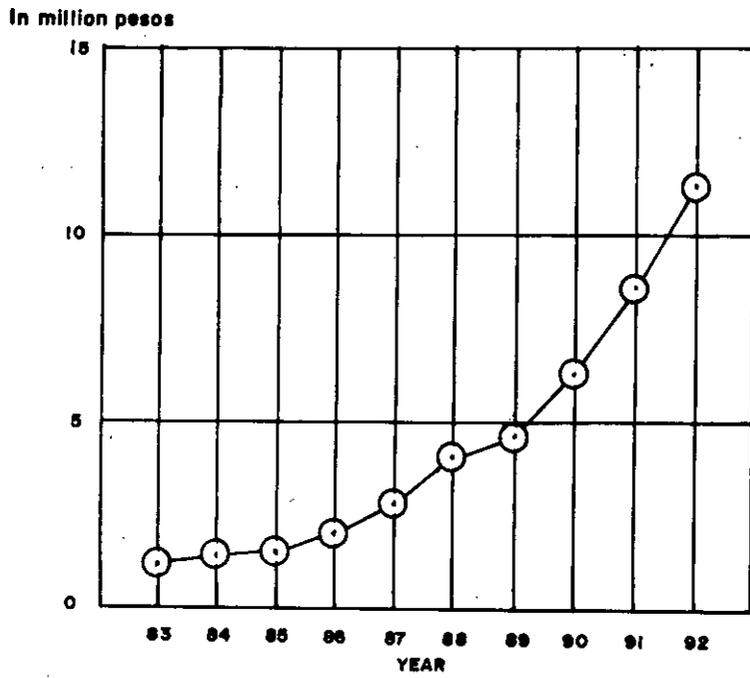
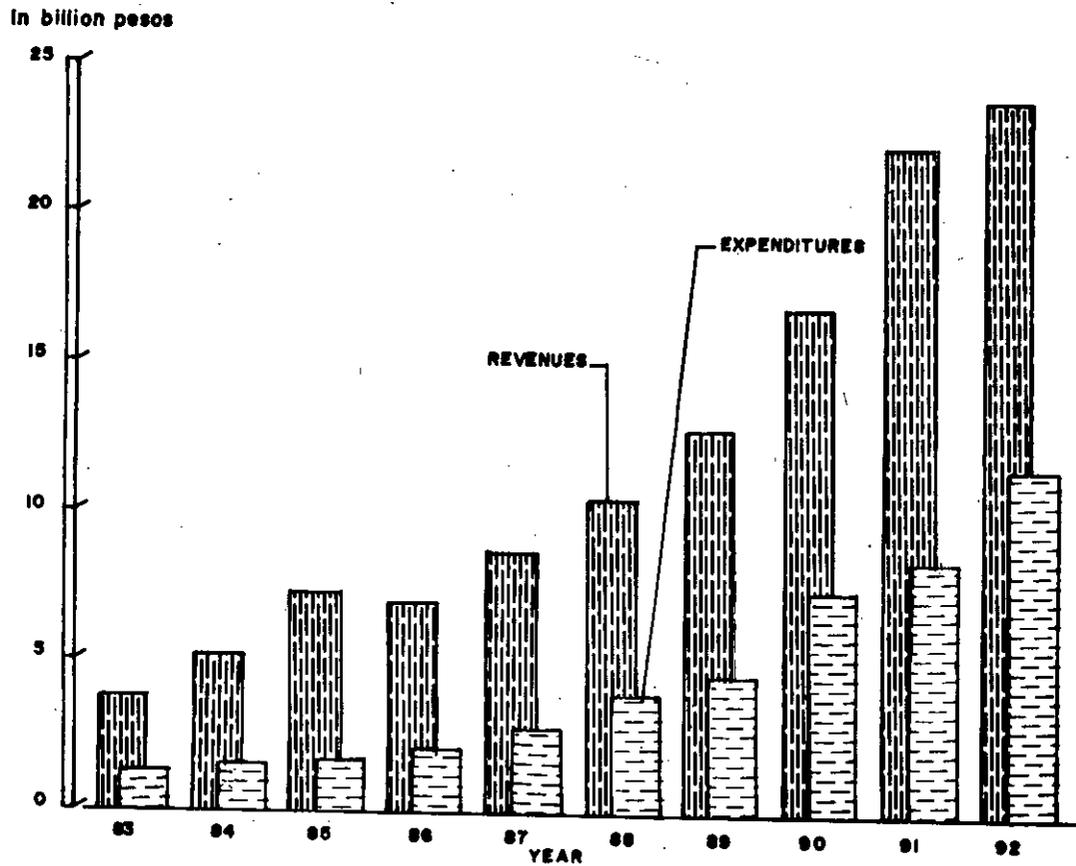


Figure 16.7 Revenues and Expenditures of the SSS: 1983 to 1992



**Table 16.16**  
**EXPENDITURES OF THE SOCIAL SECURITY SYSTEM BY SOURCE**  
**1960 TO 1992**  
*(In million pesos)*

Year	Total Expenditures	Total benefit payments	Administration			
			Total	SSS	Medicare	Employees' compensation
1960	7.7	4.1	3.6	3.6	-	-
1965	24.9	14.4	10.5	10.5	-	-
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	6,427.9	5,871.5	556.4	475.7	60.2	20.5
1991	8,640.6	7,901.5	739.1	627.0	86.6	25.5
1992	11,304.4	10,370.0	934.4	788.2	114.2	32.0

1 See Table 12.5 for breakdown by type of fund.  
Source: Social Security System

**Table 16.17**  
**ASSETS, INVESTMENTS AND EARNINGS OF THE SOCIAL SECURITY SYSTEM**  
**1960 TO 1992**  
*(In million pesos)*

Year	Year-end assets	Annual increase %	Year-end investments	Annual increase %	Yearly earnings	Annual increase %
1960	110.7	0.00	108.5	0.00	3.6	0.00
1965	471.8	33.64	428.8	31.63	19.5	40.20
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	70,017.2	15.40	9,939.9	(5.10)

1 Excludes Medicare and Employees' Compensation

Source: Social Security System

**Table 16.18**

**REVENUES OF THE SOCIAL SECURITY SYSTEM BY SOURCE**

**1960 to 1992**

*(In million pesos)*

Year	Total Revenue	Total Contributions	Earnings				Others			
			Total	SSS	Medicare	Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
1960	50.1	45.9	3.6	3.6	0.0	0.0	0.6	0.6	0.0	0.0
1965	118.7	97.4	19.5	19.5	0.0	0.0	1.8	1.8	0.0	0.0
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	59.0	55.8	3.0	1.0
1992	23,962.9	11,151.2	12,253.3	9,939.9	1,192.9	1,120.5	63.9	60.8	2.2	0.9

Source: Social Security System.

**Table 16.19**

**REVENUES, EXPENDITURES AND TRUST FUND GENERATED FROM THE OPERATIONS OF THE SOCIAL SECURITY SYSTEM**

**1970 TO 1992**

*(In million pesos)*

Year	Revenues				Expend	
	Total	SSS	Medicare	Employees' Compensation	Total	SSS
1970	236.8	236.8	-	-	73.4	73.4
1971	283.5	283.5	-	-	84.1	84.1
1972	385.3	327.5	57.8	-	102.4	94.3
1973	620.7	512.8	107.9	-	161.6	133.4
1974	724.6	606.2	118.4	-	300.2	177.3
1975	940.3	744.0	134.8	61.5	336.0	202.1
1976	10,165.0	9,915.5	154.5	95.0	402.0	224.3
1977	1,380.3	1,092.8	170.8	116.7	399.8	240.6
1978	1,641.1	1,311.9	190.6	138.6	553.1	351.0
1979	2,118.0	1,659.9	287.9	170.2	665.5	426.9
1980	2,526.5	1,985.5	329.9	211.1	752.8	513.6
1981	2,969.0	2,344.4	374.9	249.7	895.7	633.2
1982	3,410.6	2,697.2	416.4	297.0	1,129.8	826.5
1983	3,865.9	3,065.9	452.1	347.9	1,299.2	977.4
1984	5,156.0	4,167.8	532.0	456.2	1,479.9	1,160.3
1985	7,437.7	6,006.1	699.3	732.3	1,691.3	1,339.8
1986	7,049.6	5,660.1	692.3	697.2	2,031.3	1,631.7
1987	8,786.5	7,209.5	881.4	695.6	2,801.6	2,314.6
1988	10,522.2	8,681.7	1,023.3	817.2	4,006.1	3,345.9
1989	12,969.0	10,624.9	1,288.1	1,056.0	4,730.8	4,063.9
1990	16,986.0	13,935.1	1,616.0	1,434.9	7,410.0	6,428.9
1991	22,232.6	18,352.7	2,265.5	1,614.4	8,642.5	7,291.6
1992	23,946.7	19,181.3	2,790.0	1,975.4	11,605.7	9,593.9

1 Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

Table 16.19 (continued)

tures-		Trust Fund			
Medicare	Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
-	-	162.5	162.5	-	-
-	-	199.7	199.7	-	-
8.1	-	282.6	232.9	49.7	-
28.2	-	455.9	376.2	79.7	-
122.9	-	421.3	425.7	(4.4)	-
129.5	4.4	616.6	554.2	5.3	57.1
165.5	12.2	762.9	691.2	(11.1)	82.8
142.0	17.2	980.5	852.2	28.8	99.5
181.4	20.7	1,088.0	960.9	9.2	117.9
212.1	26.5	1,452.4	1,233.0	75.7	143.7
207.6	31.6	1,773.7	1,471.9	122.3	179.5
221.7	40.8	2,073.3	1,711.2	153.2	208.9
258.6	44.7	2,272.3	1,863.0	157.6	251.7
266.7	55.1	2,566.7	2,088.5	185.4	292.8
248.4	71.2	5,746.4	4,666.3	425.8	654.3
273.5	78.0	5,019.3	4,028.4	386.9	604.0
306.4	93.2	6,037.8	4,946.1	497.3	594.4
385.0	102.0	5,984.9	4,894.9	496.4	593.6
516.5	143.7	6,516.2	5,335.8	506.8	673.6
493.9	173.0	8,238.2	6,561.0	794.2	883.0
770.7	210.4	10,557.0	8,487.2	845.3	1,224.5
1,109.5	241.4	6,854.7	4,326.2	1,155.5	1,373.0

Figure 16.8 Investment Portfolio of the SSS: 1983 to 1992

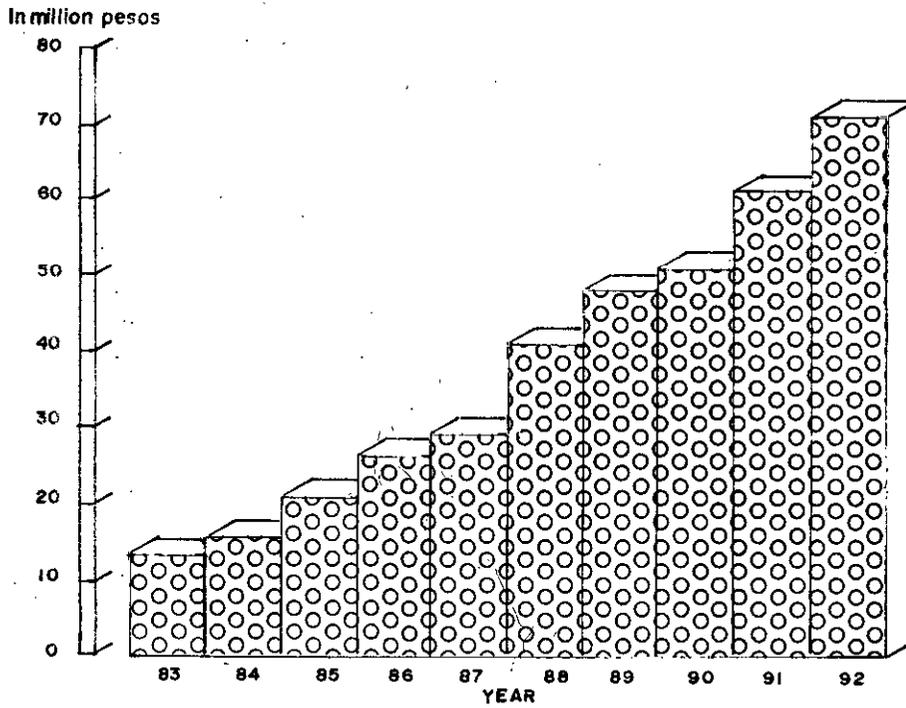
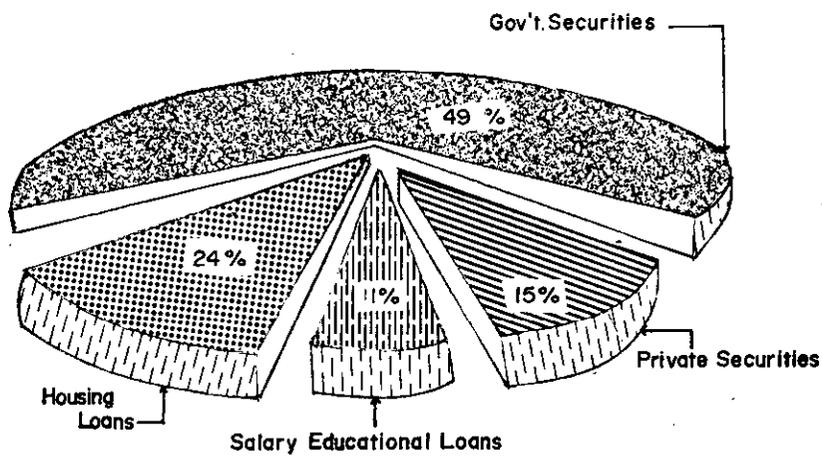


Figure 16.9 Percent Distribution of Investment Portfolio of the SSS by Type: 1992



**Table 16.20**  
**INVESTMENTS PORTFOLIO OF THE SOCIAL SECURITY SYSTEM**  
**1965 TO 1992**  
*(In million pesos)*

Year	Total	Social Security System							Employees' compensation
		Total	Government securities	Housing loans	Salary educational loans	Other service loans	Private securities	Medicare	
1965	428.8	428.8	194.5	135.5	19.1	0.0	79.7	0.0	0.0
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	86,241.5	70,013.4	34,421.9	16,751.6	7,601.2	138.9	11,099.5	6,985.4	9,242.7

Source: Social Security System

# 17 PUBLIC ORDER, SAFETY AND JUSTICE

This chapter deals with the statistics on the Criminal Justice System (CJS) in the country. The CJS has five organized components, namely: 1) law enforcement, 2) prosecution, 3) courts, 4) correction and 5) community. These components function in a cooperative venture, towards the fulfillment of the effective, efficient and fair administration of criminal justice.

Statistics on this sector were generated by various agencies under each components of the CJS. This include the following: the Philippine National Police and the National Police Commission gathers and compiles data on law enforcement; the Department of Justice on prosecution; the Supreme Court on courts; the Bureau of Prisons on correction; and the Department of Interior and Local Government on community. Data were also gathered from the Public Attorney's Office.

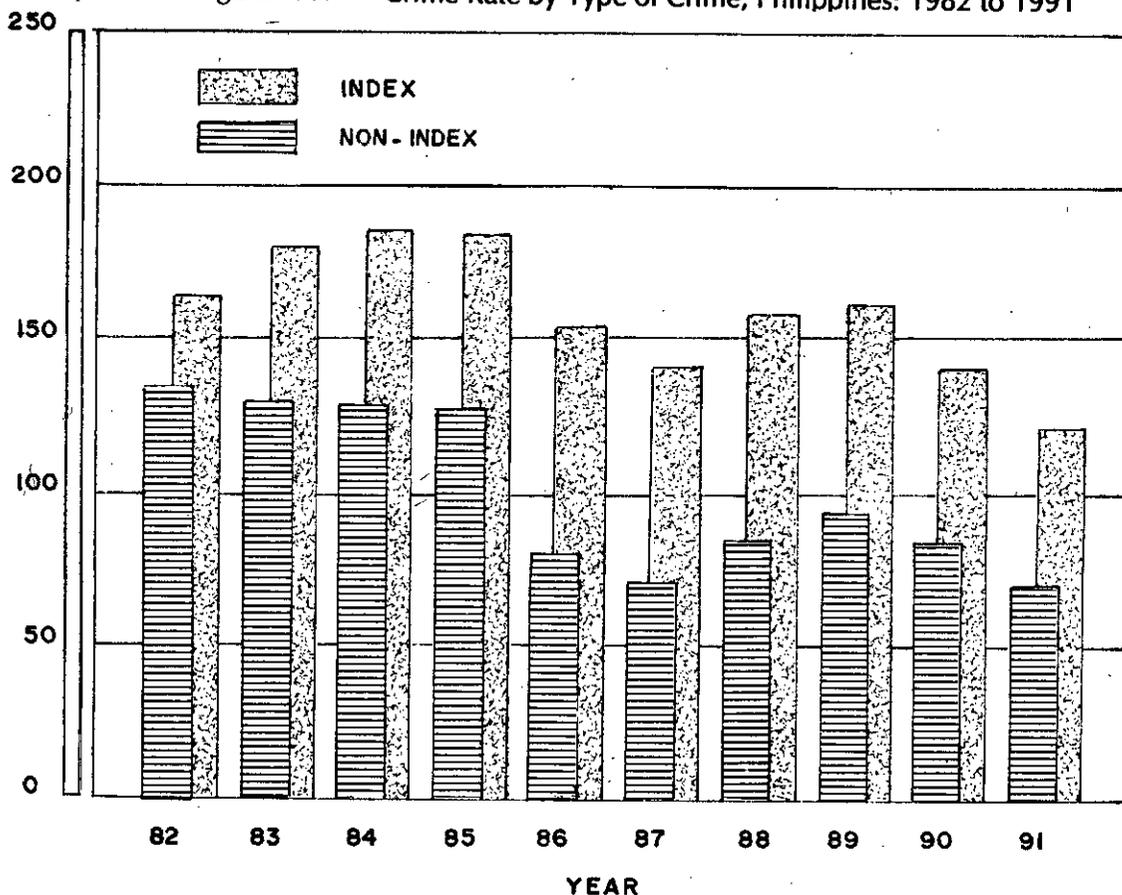
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**Table 17.1**  
**CRIME RATE BY TYPE OF CRIME, PHILIPPINES**  
**1978 TO 1991**

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
1978	99.1	303.7	70.9	147.8	280.5	129.4	246.9	584.2	200.3
1979	120.3	288.4	96.9	132.3	167.5	127.4	252.6	455.9	224.3
1980	139.6	261.4	122.4	135.7	115.0	138.6	275.3	376.4	261.0
1981	159.9	208.5	153.1	128.3	100.0	132.3	288.2	308.5	285.4
1982	168.1	163.9	168.7	134.5	82.1	142.0	302.6	246.0	310.7
1983	178.7	156.3	181.9	129.4	62.4	139.0	308.1	218.7	320.9
1984	186.2	160.8	189.9	127.4	49.6	138.7	313.6	210.4	328.6
1985	184.5	176.0	185.7	126.2	61.6	135.6	310.7	237.6	321.3
1986	152.1	195.2	145.8	80.8	73.7	81.8	232.9	268.9	227.6
1987	144.6	204.9	135.7	72.8	80.7	71.6	217.4	285.6	207.3
1988	155.8	192.2	150.4	83.5	76.0	84.6	239.3	268.2	235.0
1989	157.8	202.9	151.1	91.3	93.1	91.1	249.1	296.0	242.2
1990	144.8	175.3	140.2	82.0	90.7	80.7	226.7	266.0	220.9
1991	122.9	155.5	118.0	70.1	94.7	66.4	192.0	250.2	184.4

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, Directorate for Intelligence, Intelligence Research Center, NSO, Population Studies Division.

**Figure 17.1 Crime Rate by Type of Crime, Philippines: 1982 to 1991**



**Table 17.2**  
**TRAFFIC ACCIDENTS AND DAMAGES**  
**1980 TO 1991**

Year	Incidence	Deaths	Injuries (Slight/Serious)	Property Damage (In Pesos)
1980	66,946	1,997	24,860	50,439
1981	59,686	14,997	28,896	44,572
1982	54,487	1,492	18,173	41,355
1983	53,206	1,348	16,857	41,017
1984	47,280	1,119	13,042	36,717
1985	45,861	1,085	12,650	35,615
1986	39,659	1,093	14,216	29,610
1987	39,054	835	12,959	29,376
1988	55,133	1,408	15,231	38,986
1989	47,903	1,427	13,941	37,276
1990	53,723	1,425	14,314	42,604
1991 P	10,147	626	5,197	7,011

P - Preliminary

Source: Philippine National Police, Highway Patrol Group.

**Table 17.3**  
**INCIDENCE OF FIRES AND DAMAGES**  
**1980 TO 1991**

Year	Incidence	Deaths	Injuries (Slight/Serious)	Property Damage (In Pesos)
1980	3,317	114	438	820.6
1981	4,851	140	341	630.2
1982	4,957	114	261	961.3
1983	7,442	148	387	861.4
1984	5,877	126	309	1,343.9
1985	4,790	105	255	1,370.5
1986	4,333	69	158	876.7
1987	4,222	120	206	1,093.0
1988	4,818	105	269	1,265.9
1989	6,019	90	250	1,231.8
1990	7,309	152	341	2,069.2
1991	8,062	143	350	2,245.7

Note: Data for the period 1980-1990 were revised due to change in the source of basic data. The Bureau of Fire Protection, the present source, has wider fire incidents coverage than the Directorate for Intelligence (DI), the previous source, because DI only includes insurance-related fire incidents.

Source: Department of Interior and Local Government (DILG), Bureau of Fire Protection.

**Table 17.4**  
**RATIO OF POLICEMEN AND FIREMEN TO POPULATION**  
**1980 to 1991**

Year	Number Policemen	Ratio	Number (Firemen)	Ratio
1980	45,963	1,051:1	4,973	9,716:1
1981	47,863	1,035:1	4,973	9,961:1
1982	47,618	1,066:1	6,473	7,845:1
1983	48,225	1,079:1	6,473	8,042:1
1984	46,823	1,139:1	7,887	6,764:1
1985	48,809	1,120:1	7,714	7,087:1
1986	49,522	1,131:1	8,272	6,770:1
1987	50,810	1,129:1	8,654	6,628:1
1988	53,374	1,100:1	8,511	6,899:1
1989	53,300	1,128:1	9,019	6,663:1
1990	55,072	1,116:1	9,015	6,820:1
1991	89,296	704:1	9,368	6,711:1

Note: Ratio of Population per policeman/fireman.

Sources: National Police Commission and National Statistics Office, Population Studies Division.

**Table 17.5**  
**NUMBER OF RAIDS AND PERSONS ARRESTED ON DRUG INCIDENTS**  
**1980 TO 1991**

Year	Raids	Persons Arrested
1980	1,062	1,726
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

Source: Dangerous Drugs Board, Research and Statistics Division.

**Table 17.6**  
**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT**  
**1987 TO 1992**

Courts	Pending Cases as of 12-31-86	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	12,111	7,225	...	...
Sandigan Bayan	2,609	675	58	...
Court of Tax Appeals	796	92	...	...
Regional Trial Courts	171,115	113,933	12,656	23,496
Metropolitan Trial Courts	43,125	51,165	6,238	3,802
Municipal Trial Courts in Cities	28,875	35,344	3,312	1,005
Municipal Trial Courts	52,331	50,765	2,548	527
Municipal Circuit Trial Courts	31,842	33,324	2,625	1,913
Shari'a District Courts	11	22	3	...
Shari'a Circuit Courts	76	121	10	4
<b>Total</b>	<b>342,891</b>	<b>292,666</b>	<b>27,450</b>	<b>30,747</b>

**Table 17.6 (continued)**  
**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT**  
**1987 TO 1992**

Courts	Pending Cases as of 12-31-87	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	11,353	7,601	...	...
Sandigan Bayan	2,578	595	49	...
Court of Tax Appeals	645	98	...	...
Regional Trial Courts	167,329	119,287	13,960	6,746
Metropolitan Trial Courts	34,527	50,655	4,405	1,119
Municipal Trial Courts in Cities	28,278	41,767	3,858	837
Municipal Trial Courts	50,122	49,618	3,055	670
Municipal Circuit Trial Courts	34,276	34,764	2,189	412
Shari'a District Courts	25	34	2	...
Shari'a Circuit Courts	72	164	26	16
<b>Total</b>	<b>329,205</b>	<b>304,583</b>	<b>27,544</b>	<b>9,800</b>

**Table 17.6 (continued)**  
**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT**  
**1987 TO 1992**

Courts	Pending Cases as of 12-31-88	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	11,144	8,994	...	...
Sandigan Bayan	2,468	931	39	...
Court of Tax Appeals	581	99	...	...
Regional Trial Courts	163,129	136,440	12,551	6,080
Metropolitan Trial Courts	27,542	55,259	3,080	822
Municipal Trial Courts in Cities	25,532	42,304	3,624	1,020
Municipal Trial Courts	45,485	51,567	2,426	742
Municipal Circuit Trial Courts	30,917	35,513	2,408	493
Shari'a District Courts	37	35	9	2
Shari'a Circuit Courts	110	198	17	...
<b>Total</b>	<b>306,945</b>	<b>331,340</b>	<b>24,154</b>	<b>9,159</b>

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-87
7,983	...	...	11,353
764	...	...	2,578
243	...	...	645
87,818	37,155	28,898	167,329
36,155	29,090	4,558	34,527
24,582	14,332	1,344	28,278
33,242	12,015	10,792	50,122
22,819	6,695	5,914	34,276
7	4	...	25
94	41	4	72
213,707	99,332	51,510	329,205

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-88
7,810	...	...	11,144
754	...	...	2,468
162	...	...	581
91,773	43,487	8,933	163,129
31,899	30,116	1,149	27,542
28,553	19,486	1,169	25,532
35,511	12,988	9,481	45,485
25,489	8,938	6,297	30,917
21	2	1	37
146	21	1	110
222,118	115,038	27,031	306,945

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-89
8,313	...	...	11,825
795	...	...	2,643
114	100	...	466
104,622	44,174	9,678	159,726
33,215	28,742	1,167	23,579
33,731	15,808	1,175	21,766
36,168	11,382	9,530	43,140
25,133	8,317	7,131	28,750
24	4	...	55
129	13	...	183
242,244	108,540	28,681	292,133

*Table 17.6 (continued)*

**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT  
1987 TO 1992**

Courts	Pending Cases as of 12-31-89	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	11,825	10,616	...	...
Sandigan Bayan	2,643	2,333	67	...
Court of Tax Appeals	466	111	...	...
Regional Trial Courts	159,726	134,577	13,386	9,381
Metropolitan Trial Courts	23,579	47,052	3,186	890
Municipal Trial Courts in Cities	21,766	43,147	3,320	669
Municipal Trial Courts	43,140	51,497	2,660	666
Municipal Circuit Trial Courts	28,750	34,304	2,121	312
Shari'a District Courts	55	41	5	...
Shari'a Circuit Courts	183	157	28	30
<b>Total</b>	<b>292,133</b>	<b>323,835</b>	<b>24,773</b>	<b>11,948</b>

*Table 17.6 (continued)*

**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT  
1987 TO 1992**

Courts	Pending Cases as of 12-31-90	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	12,599	10,615	...	...
Sandigan Bayan	3,093	896	180	...
Court of Tax Appeals	394	167	...	...
Regional Trial Courts	153,002	149,691	14,388	7,022
Metropolitan Trial Courts	18,720	51,406	2,691	834
Municipal Trial Courts in Cities	20,305	40,772	3,195	566
Municipal Trial Courts	37,615	53,377	2,708	627
Municipal Circuit Trial Courts	25,069	34,673	2,210	365
Shari'a District Courts	79	30	2	2
Shari'a Circuit Courts	186	222	38	5
<b>Total</b>	<b>271,062</b>	<b>341,849</b>	<b>25,412</b>	<b>9,421</b>

*Table 17.6 (continued)*

**INFLOW AND OUTFLOW OF CASES BY TYPE OF COURT  
1987 TO 1992**

Courts	Pending Cases as of 12-31-91	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appellate Court	12,957	9,753	-	-
Sandigan Bayan	2,913	1,015	109	-
Court of Tax Appeals	452	202	-	-
Regional Trial Courts	158,031	159,965	13,993	6,118
Metropolitan Trial Courts	17,337	42,381	2,688	746
Municipal Trial Courts in Cities	18,774	48,786	4,173	581
Municipal Trial Courts	36,953	58,561	2,522	602
Municipal Circuit Trial Courts	24,112	38,427	2,023	389
Shari'a District Courts	81	33	8	1
Shari'a Circuit Courts	235	163	16	25
<b>Total</b>	<b>271,845</b>	<b>359,286</b>	<b>25,532</b>	<b>8,462</b>

Source: Supreme Court of the Philippines.

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-90
9,842	...	...	12,599
1,950	...	...	3,093
155	28	...	394
107,990	44,501	11,577	153,002
27,560	26,907	1,520	18,720
33,353	14,329	915	20,305
37,372	11,627	11,343	37,615
25,026	7,857	7,535	25,069
19	3		79
172	18	22	186
243,439	105,270	32,912	271,062

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-91
10,257	...	...	12,957
1,256	...	...	2,913
108	1	...	452
108,310	47,753	10,009	158,031
32,045	22,781	1,488	17,337
30,202	15,019	843	18,774
37,225	9,220	10,929	36,953
24,344	6,556	7,305	24,112
28	4		81
127	34	55	235
243,902	101,368	30,629	271,845

Table 17.6 (continued)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-92
9,310	-	-	13,400
875	-	-	3,162
124	-	-	530
103,110	51,146	866	175,185
25,103	19,740	1,023	17,286
33,057	16,021	815	19,421
39,094	9,742	11,406	38,396
27,451	5,774	7,356	24,370
27	5	1	90
129	9	47	254
238,280	102,437	21,514	292,094

Table 17.7

**CASES HANDLED, TERMINATED AND PENDING BY REGION  
1987 to 1992**

Region	Handled	1987		1988			1989		
		Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	198,866	114,214	84,653	217,555	128,446	89,109	453,158	390,912	89,238
Central Office	3,494	1,044	2,451	5,410	1,023	4,387	13,158	10,389	3,769
NCR	31,745	18,703	13,042	32,403	18,841	13,562	70,051	58,039	12,012
1	18,694	6,387	12,307	18,975	8,034	10,941	24,406	16,918	7,488
2	4,221	1,636	2,585	4,207	1,669	2,538	8,588	6,390	2,198
3	44,233	31,475	12,758	44,811	30,818	13,993	86,685	69,060	17,625
4	21,598	12,540	9,058	27,091	16,116	10,975	65,226	53,457	11,769
5	12,221	5,401	6,820	14,898	7,397	7,501	35,090	27,372	7,718
6	12,564	6,368	6,196	12,273	7,398	4,875	29,882	23,501	6,381
7	7,857	3,989	3,868	8,190	4,015	4,175	20,291	17,349	2,942
8	8,101	4,802	3,299	8,728	5,854	2,874	26,561	23,219	3,342
9A	353	145	208	451	191	260	1,224	1,039	185
9B	6,106	4,059	2,047	6,017	4,220	1,797	8,401	6,344	2,057
10	11,681	8,386	3,295	16,493	12,139	4,354	38,860	34,370	4,490
11	8,384	5,171	3,213	10,005	6,430	3,575	2,889	24,791	4,090
12	7,614	4,108	3,506	7,603	4,301	3,302	21,846	18,674	3,172

Region	Handled	1990		1991			1992		
		Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	1,295,784	1,232,236	63,548	1,962,400	1,901,616	60,784	2,267,877	2,203,486	64,391
Central Office	21,236	19,889	1,347	26,650	25,654	996	179,849	178,722	1,127
NCR	172,206	164,305	7,901	257,313	249,118	8,195	104,434	96,217	8,217
CAR				23,660	22,665	995	51,120	49,824	1,296
1	111,091	106,289	4,802	182,615	178,880	3,735	200,484	196,385	4,099
2	33,535	31,370	2,165	87,884	85,522	2,362	112,738	110,017	2,721
3	204,230	198,275	5,955	199,655	191,431	8,224	264,663	256,960	7,703
4	145,722	136,765	8,957	344,231	335,382	8,849	385,894	376,469	9,425
5	63,186	57,524	5,662	91,278	86,319	4,959	124,669	119,241	5,428
6	36,840	32,090	4,750	100,780	96,693	4,087	103,395	99,253	4,142
7	65,553	59,779	5,774	94,316	89,847	4,469	102,014	98,235	3,779
8	123,101	118,694	4,407	133,403	130,899	2,504	101,808	98,806	3,002
9A	3,236	3,115	121	3,588	3,140	448	6,827	6,370	457
9B	20,722	19,132	1,590	43,958	42,706	1,252	71,378	70,028	1,350
10	182,162	177,685	4,477	164,746	160,257	4,489	194,654	189,446	5,208
11	80,652	76,792	3,860	125,612	122,556	3,056	149,023	144,988	4,035
12	32,312	30,532	1,780	82,711	80,547	2,164	114,927	112,525	2,402

Source: Public Attorney's Office.

**Table 17.8**

**CASES HANDLED AND TERMINATED BY THE PUBLIC ATTORNEY'S OFFICE  
1976 TO 1992**

	Handled	Terminated
1976	47,310	22,479
1977	64,783	31,980
1978	80,762	46,187
1979	91,397	49,753
1980	92,202	48,490
1981	103,891	56,757
1982	118,774	66,400
1983	127,399	67,443
1984	112,527	44,879
1985	139,091	61,586
1986	155,788	79,643
1987	198,867	114,214
1988	217,555	128,446
1989	479,158	390,912
1990	1,295,784	1,232,236
1991	1,962,400	1,901,616
1992	2,267,877	2,203,486

Source: Public Attorney's Office.

**Table 17.9**

**CLIENTELE ASSISTED BY THE PUBLIC ATTORNEY'S OFFICE  
1981 TO 1992**

Services	1982	1985	1986	1987	1988	1989	1990	1991	1992
Indigent person served	130,651	153,000	171,367	218,753	239,311	479,158	1,221,325	1,944,586	...
Detention Prisoners									
assisted	12,395	15,133	14,483	15,171	15,367	...	37,199	36,924	30,900
released	8,136	5,403	5,023	6,047	5,692	...	31,524	48,565	...
Youthful offenders									
assisted	2,059	2,573	2,945	1,977	2,089	...	14,953	26,131	...
released	895	1,426	1,940	1,859	1,169	...	33,490	47,951	...
Clients benefitted with documentation	...	15,048	22,250	27,461	30,678	127,479	134,139	260,229	313,664
Beneficiaries of legal counselling	...	11,423	14,860	24,902	18,820	116,141	764,063	1,101,615	1,194,665
Clients benefitted with administration of oath	...	...	...	...	...	...	36,119	96,198	103,778

Note: No data available for 1983 and 1984.  
Source: Public Attorney's Office.

# 18 SCIENCE AND TECHNOLOGY

The main objective of this sector is to improve the existing science and technology statistics to help achieve the country's development objectives. The effort will cover the three broad categories of statistics for the sector, namely: research and experimental development statistics; scientific and technological education and training statistics; and scientific and technological services statistics.

The chapter deals on the number of statistics currently generated by the sectoral statistical system. The Department of Science and Technology and its attached agencies have provided most of the data incorporated herein.

Table 18.1	Number of Technologies Commercialized by the Department of Science and Technology System: 1990 to 1992	18-3
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**Table 18.1**  
**NUMBER OF TECHNOLOGIES COMMERCIALIZED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 TO 1992**

Year	New	Existing
1990	22	68
1991	7	68
1992	14	86

Source: DOST Councils, Institutes and Agencies

**Table 18.2**  
**NUMBER OF TECHNOLOGIES DIFFUSED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 TO 1992**

Year	New	Existing
1990	118	288
1991	288	400
1992	65	291

Source: DOST Councils, Institutes and Agencies

**Table 18.3**  
**NUMBER of R & D PROJECTS COMPLETED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990 TO 1992**

Year	Supported/ Assisted	Implemented
1990	407	245
1991	220	171
1992	107	108

Source: DOST Councils, Institutes and Agencies

**Table 18.4**  
**NUMBER OF RESEARCHES CONTRACTED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM WITH THE**  
**PRIVATE SECTOR**  
**1990 TO 1992**

Year	New	On-going	Completed
1990	73 *	87 *	...
1991	16	20 **	20
1992	9	9 **	2

\* - includes joint ventures; breakdown not available.

\*\* - as of December 1992

Source: DOST Councils, Institutes and Agencies

**Table 18.5**  
**NUMBER OF JOINT VENTURES BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM**  
**1990-1992**

Year	New	On-going	Completed
1990	73 *	87 *	...
1991	102	22	19
1992	75	24	89

\* - includes contract researches; breakdown not available

Source: DOST Councils, Institutes and Agencies

**Table 18.6**  
**NUMBER OF SCHOLARSHIPS AWARDED BY THE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY SYSTEM:**  
**1990 TO 1992**

Year	New	On-going *	Graduated
1990	617	2,291	...
1991	753	2,423	459
1992	738	1,929	491

\* - as of December 1992.

Source: DOST Councils, Institutes and Agencies

# 19 INTERNATIONAL STATISTICS

This chapter provides a picture of world developments through statistics covering selected countries of the world. These have become very important and so widely used. Each country has recognized increasingly the scope and relevance of its statistics to those of the others in the analysis of its domestic economy. International statistics even bear greater significance in the determination, evaluation and implementation of foreign policy. They provide the necessary information that indicates how a domestic economy is performing in comparison to others.

For selected statistics on population, growth of Gross Domestic Product (GDP), GDP by kind of economic activity and expenditure, index numbers of food, total agricultural production, index numbers of per capita food and total agricultural production by region data were gathered from the *1988-89 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 1993*.

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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 (in million)					Annual Rate of increase %	Birth Rate	Death Rate	Surface Area ('000) (km)	Density 1/
	1970	1975	1980	1985	1989	85-90	85-90	85-90	1989	1989
<b>WORLD TOTAL</b>	<b>3,698</b>	<b>4,079</b>	<b>4,448</b>	<b>4,851</b>	<b>5,201</b>	<b>1.7</b>	<b>27</b>	<b>10</b>	<b>135,818</b>	<b>38</b>
<b>AFRICA</b>	<b>362</b>	<b>413</b>	<b>477</b>	<b>553</b>	<b>623</b>	<b>3.0</b>	<b>45</b>	<b>15</b>	<b>30,305</b>	<b>21</b>
Eastern Africa	108	124	144	168	191	3.2	49	16	6,354	30
Middle Africa	40	45	52	60	68	3.0	45	16	6,613	10
Northern Africa	83	94	107	123	137	2.6	38	11	8,525	16
Southern Africa	26	29	32	36	40	2.4	34	10	2,675	15
Western Africa	105	122	141	165	188	3.2	48	17	6,138	31
<b>NORTHERN AMERICA 2/</b>	<b>226</b>	<b>239</b>	<b>252</b>	<b>265</b>	<b>274</b>	<b>0.8</b>	<b>15</b>	<b>9</b>	<b>21,525</b>	<b>13</b>
<b>LATIN AMERICA</b>	<b>286</b>	<b>323</b>	<b>363</b>	<b>404</b>	<b>439</b>	<b>2.1</b>	<b>29</b>	<b>8</b>	<b>20,535</b>	<b>21</b>
Caribbean	25	27	29	31	33	1.5	25	8	235	141
Central America	70	81	93	105	115	2.3	31	6	2,481	46
South America	191	214	241	268	291	2.0	28	8	17,819	16
<b>ASIA 3,4/</b>	<b>2,102</b>	<b>2,354</b>	<b>2,583</b>	<b>2,835</b>	<b>3,055</b>	<b>1.9</b>	<b>28</b>	<b>9</b>	<b>27,582</b>	<b>109</b>
Eastern Asia 3/	987	1,097	1,176	1,249	1,317	1.3	20	7	11,763	112
Southern Asia	754	849	948	1,070	1,173	2.3	35	12	6,781	173
Southeastern Asia	287	324	360	401	436	2.0	30	9	4,493	97
Western Asia 4/	74	85	99	115	128	2.8	36	9	4,545	28
<b>EUROPE 3,4/</b>	<b>460</b>	<b>474</b>	<b>484</b>	<b>492</b>	<b>497</b>	<b>0.2</b>	<b>13</b>	<b>11</b>	<b>4,933</b>	<b>101</b>
<b>OCEANIA 2/</b>	<b>19.3</b>	<b>21.2</b>	<b>22.8</b>	<b>24.6</b>	<b>26.1</b>	<b>1.5</b>	<b>19</b>	<b>8</b>	<b>8,536</b>	<b>3</b>
Australia and New Zealand	15.4	16.7	17.8	19.0	20.0	1.3	15	8	7,985	2
Melanesia	3.3	3.7	4.2	4.7	5.3	2.3	34	11	541	10
Micronesia	0.3	0.3	0.3	0.3	0.4	1.6	27	7	3	124
Polynesia	0.4	0.4	0.5	0.5	0.5	1.5	34	5	7	78
<b>USSR</b>	<b>243</b>	<b>254</b>	<b>266</b>	<b>278</b>	<b>286</b>	<b>0.8</b>	<b>18</b>	<b>11</b>	<b>22,402</b>	<b>13</b>

Notes: Unless otherwise specified all figures are estimates of the order of magnitude and are subject to a substantial margin of error. Totals may not add up due to rounding.

- 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 - Excluding the USSR, shown separately.
- 4 - The European portion of Turkey is included in Western Asia rather than Europe.

Source: 1988-89 United Nations Statistical Yearbook.

**Table 19.2**  
**GROWTH OF GROSS DOMESTIC PRODUCT BY KIND OF ECONOMIC ACTIVITY**  
**1980 to 1989**

Region	Years	Gross Domestic Product	Agriculture	Industrial activity		Construction	Wholesale and Retail Trade	Transport and Communication	Others
				Total	Manufacturing				
World	1980-85	2.6	3.3	2.7	3.1	(0.2)	2.8	2.7	2.9
	1985-89	3.6	2.2	4.3	4.0	4.4	3.7	3.7	3.9
	1981	1.8	3.7	0.1	0.8	(1.2)	2.4	1.7	3.0
	1982	0.7	4.8	(0.3)	(1.4)	(1.7)	0.6	0.1	1.7
	1983	2.7	1.5	3.1	4.1	(0.4)	3.1	3.2	2.8
	1984	4.4	4.0	6.4	7.5	1.1	4.6	4.9	3.5
	1985	3.5	2.6	3.9	3.8	1.8	3.2	3.7	3.8
	1986	3.0	2.9	2.0	2.2	4.3	3.5	3.3	3.5
	1987	3.5	1.0	4.6	3.9	3.6	3.2	4.0	3.6
	1988	4.4	2.7	6.0	5.4	6.1	4.4	5.0	4.4
1989	3.2	2.5	3.5	3.8	3.2	3.7	1.8	4.0	
Developed Regions	1980-85	2.5	2.1	2.9	3.1	(0.2)	2.7	2.4	2.8
	1985-89	3.5	1.0	3.5	3.7	4.7	3.7	3.7	4.0
	1981	1.8	2.3	1.4	0.9	(2.2)	1.4	1.1	2.8
	1982	0.3	4.7	(0.6)	(1.8)	(2.1)	0.5	(0.7)	1.5
	1983	3.0	(0.8)	3.7	4.3	(0.1)	3.2	3.3	2.7
	1984	4.4	3.3	6.3	7.6	1.6	4.8	4.6	3.6
	1985	3.2	1.3	3.4	3.9	1.7	3.2	3.2	3.7
	1986	2.8	3.7	1.2	1.3	5.0	3.7	3.1	3.5
	1987	3.2	(0.9)	3.5	3.5	4.0	3.1	3.9	3.6
	1988	4.3	(0.2)	5.4	5.7	6.4	4.2	5.2	4.6
1989	3.2	3.1	3.0	3.7	3.2	3.8	1.7	4.2	
Northern America	1980-85	2.8	2.0	3.0	3.5	1.0	3.9	1.8	2.5
	1985-89	3.6	0.4	3.3	4.0	3.3	3.6	4.7	4.3
	1981	2.4	14.5	2.4	2.1	(6.4)	1.3	(1.1)	2.8
	1982	(2.6)	1.6	(5.9)	(6.7)	(3.8)	(0.6)	(3.7)	0.4
	1983	3.9	(16.4)	4.4	6.1	3.5	4.3	4.9	2.5
	1984	7.1	11.9	11.3	12.2	6.2	8.6	5.6	3.5
	1985	3.9	12.6	3.2	4.2	4.2	5.5	2.2	4.0
	1986	3.2	5.2	0.4	2.3	4.4	5.0	3.5	3.5
	1987	3.7	(1.0)	4.1	4.6	2.3	2.9	6.8	3.8
	1988	4.5	(6.5)	5.1	5.6	4.3	3.9	5.9	5.2
1989	2.6	9.1	2.4	2.8	2.3	2.5	1.2	4.5	
Europe	1980-85	2.0	2.2	1.9	0.9	0.2	1.8	2.6	2.6
	1985-89	3.2	1.2	3.1	2.4	4.6	3.3	3.8	3.8
	1981	0.8	(0.6)	0.3	(1.6)	(2.0)	3.0	2.4	2.4
	1982	1.5	6.6	0.7	(0.7)	(0.6)	1.0	2.2	2.2
	1983	2.4	2.5	2.6	1.7	1.4	0.5	2.1	2.1
	1984	2.6	1.5	3.1	2.3	0.5	2.3	3.2	3.2
	1985	2.5	(1.5)	2.6	2.4	1.0	3.0	3.1	3.1
	1986	2.8	4.1	1.8	0.8	5.6	2.3	3.3	3.3
	1987	2.6	(1.3)	2.6	0.7	3.4	2.7	3.8	3.8
	1988	3.8	1.7	4.9	4.7	6.4	5.0	4.4	4.4
1989	3.3	1.5	2.5	3.3	2.9	1.1	3.3	3.3	

Source: 1988-89 United Nations Statistical Yearbook

Table 19.2 (continued)

Region	Years	Gross Domestic Product	Agriculture	Industrial activity		Construction	Wholesale and Retail Trade	Transport and Communication	Others
				Total	Manufacturing				
European Economic Community	1980-85	1.5	2.5	0.9	0.7	(1.6)	1.7	2.4	2.5
	1985-89	3.3	1.0	2.5	2.3	4.2	3.5	3.4	3.9
	1981	0.1	(0.3)	(1.4)	(1.9)	(4.4)	0.2	1.7	2.4
	1982	0.9	7.8	(0.6)	(0.7)	(1.9)	0.8	1.0	2.1
	1983	1.6	(1.5)	1.8	1.6	(0.4)	1.9	1.7	2.1
	1984	2.3	5.6	1.9	1.8	(1.2)	2.9	3.9	3.2
	1985	2.4	(0.7)	2.8	2.2	(0.9)	2.1	3.8	3.1
	1986	2.6	1.1	1.4	0.7	3.2	3.3	3.2	3.4
	1987	2.8	0.6	1.5	0.5	2.5	3.0	2.6	3.8
	1988	3.8	1.4	4.0	4.7	6.2	4.0	4.7	4.6
	1989	3.8	0.8	2.7	3.0	4.9	3.7	2.9	3.5
Eastern Europe and USSR (NMP)	1980-85	3.5	2.0	3.3	-	3.1	2.1	3.0	3.8
	1985-89	3.0	1.7	3.7	-	6.0	3.1	1.9	2.5
	1981	2.8	(0.9)	2.8	-	2.1	2.7	3.9	2.4
	1982	3.4	5.7	2.9	-	1.5	(0.7)	2.1	1.9
	1983	4.7	5.7	3.6	-	4.8	3.1	4.6	4.3
	1984	3.3	(1.5)	4.3	-	2.9	3.4	1.9	6.2
	1985	2.5	(1.7)	2.2	-	3.9	2.4	2.6	3.1
	1986	3.1	6.8	2.2	-	10.5	1.1	3.7	1.8
	1987	2.3	(2.1)	3.9	-	5.1	0.3	1.7	5.4
	1988	4.1	2.1	6.1	-	7.3	5.0	5.6	1.1
	1989	2.4	1.7	1.4	-	1.3	6.8	(4.9)	1.0
Other Europe	1980-85	1.7	1.7	2.4	1.9	0.3	2.0	1.7	2.5
	1985-89	2.8	(0.2)	3.7	3.2	1.2	2.1	4.7	3.2
	1981	0.6	(0.4)	0.0	(0.1)	(0.5)	1.0	1.8	2.6
	1982	0.7	6.7	(0.9)	(1.0)	(0.5)	1.6	(0.9)	2.7
	1983	1.6	0.4	3.4	2.1	0.0	2.3	0.6	2.2
	1984	2.9	3.0	5.4	4.8	1.5	2.2	4.3	2.4
	1985	2.9	(3.7)	4.0	3.7	1.0	2.8	3.3	2.6
	1986	2.7	0.9	2.1	1.8	1.0	3.3	4.5	2.7
	1987	2.5	(4.3)	2.8	1.5	0.8	1.9	5.2	3.1
	1988	3.1	0.9	4.0	4.7	3.7	2.1	5.1	4.2
	1989	2.8	3.3	6.2	5.1	(1.5)	1.1	3.6	2.4
Developing Regions	1980-85	2.9	4.5	2.0	3.1	0.2	3.1	4.2	3.4
	1985-89	4.2	3.2	6.9	5.2	3.2	3.9	3.8	3.3
	1981	2.1	5.1	(4.4)	0.3	3.2	6.3	4.0	4.7
	1982	2.4	5.0	0.7	0.9	(0.3)	0.9	3.3	2.8
	1983	1.9	3.8	0.8	3.3	(1.2)	2.8	2.6	3.0
	1984	4.3	4.7	6.6	6.7	(0.9)	3.7	5.9	3.3
	1985	4.4	3.8	5.6	3.4	2.3	3.0	5.8	3.9
	1986	3.6	2.3	5.2	6.8	1.7	2.8	3.8	3.4
	1987	4.5	2.7	8.4	5.9	2.1	3.9	4.5	3.2
	1988	5.0	5.2	7.9	3.8	5.1	5.1	4.0	3.5
	1989	3.1	1.9	5.1	4.6	3.5	3.4	2.5	3.0

Table 19.2 (continued)

GROWTH OF GROSS DOMESTIC PRODUCT BY KIND OF ECONOMIC ACTIVITY  
1980 to 1989

Region	Years	Gross Domestic Product	Agriculture	Industrial activity		Construction	Wholesale and Retail Trade	Transport and Communication	Others
				Total	Manufacturing				
Africa	1980-85	1.3	1.4	0.1	2.2	(1.3)	1.4	2.1	3.8
	1985-89	2.1	3.8	1.4	3.3	0.4	2.8	3.0	3.0
	1981	0.7	1.3	(8.8)	6.7	3.8	4.9	5.5	7.3
	1982	3.1	5.4	0.9	1.8	(2.1)	0.0	1.9	4.0
	1983	(0.4)	(1.7)	(0.2)	(1.0)	(2.4)	0.0	(2.0)	3.4
	1984	0.2	(2.6)	2.9	3.2	(1.7)	0.9	3.5	2.2
	1985	3.7	7.6	4.1	2.6	(2.6)	3.7	4.4	3.5
	1986	1.8	5.2	(1.1)	2.9	(1.0)	2.1	0.6	4.5
	1987	0.2	0.9	(1.0)	3.3	(2.5)	1.7	1.8	2.4
	1988	3.5	5.6	4.2	5.3	3.3	4.7	5.4	3.2
1989	3.0	3.9	3.5	1.0	1.8	2.5	3.4	2.4	
Caribbean, Latin America	1980-85	0.6	2.1	0.4	(0.6)	(5.2)	(0.7)	1.4	1.9
	1985-89	1.9	1.6	2.0	1.8	0.7	0.7	3.5	2.4
	1981	0.8	4.6	(3.1)	(5.6)	0.2	1.8	3.4	3.5
	1982	(1.2)	0.1	(1.8)	(2.6)	(7.8)	(3.3)	(0.6)	0.7
	1983	(1.9)	0.6	(1.4)	(2.5)	(12.7)	(3.6)	(1.2)	0.9
	1984	3.6	3.3	5.4	4.9	(2.2)	3.0	4.3	2.8
	1985	2.9	3.8	3.1	2.8	3.2	0.8	3.0	2.9
	1986	3.7	(2.4)	5.5	6.5	5.1	2.0	3.3	3.9
	1987	2.7	6.1	1.7	2.2	1.6	1.1	4.8	2.7
	1988	0.8	1.0	0.4	(1.2)	(1.7)	(0.4)	3.1	1.7
1989	0.9	0.0	1.4	1.3	(1.2)	0.5	2.1	1.4	
Eastern, Southeastern and Southern Asia, ex. Japan	1980-85	7.2	6.1	8.3	7.8	6.6	7.0	7.7	6.7
	1985-89	7.6	3.7	11.5	10.2	10.1	9.1	6.9	7.5
	1981	5.8	6.4	3.5	7.5	4.2	8.7	6.0	7.4
	1982	5.5	6.1	3.6	3.8	3.6	5.1	8.3	6.8
	1983	8.2	6.9	10.5	11.3	11.2	7.0	7.2	6.5
	1984	8.5	7.4	11.9	10.1	5.0	7.0	8.1	6.3
	1985	7.5	2.1	11.2	4.6	8.2	8.5	8.7	6.4
	1986	6.7	2.3	9.2	9.9	7.5	6.6	9.2	6.6
	1987	8.1	2.4	11.9	11.6	8.8	8.3	8.6	8.2
	1988	9.5	6.3	15.2	10.2	13.8	12.6	5.8	7.5
1989	5.1	3.2	8.1	8.2	9.1	7.4	3.7	7.1	
Asia, Middle East	1980-85	(0.1)	4.3	(5.4)	7.1	(0.6)	8.1	4.5	3.0
	1985-89	0.6	1.5	5.7	4.0	(6.2)	(0.1)	(1.2)	0.0
	1981	0.0	5.4	(11.7)	8.8	6.0	20.3	0.8	2.6
	1982	2.1	6.3	(0.8)	7.9	6.6	6.9	3.2	3.0
	1983	(2.0)	(0.7)	(11.6)	9.3	(1.5)	15.1	4.7	4.0
	1984	0.1	3.5	0.5	7.3	(7.2)	3.1	6.4	1.9
	1985	(0.7)	10.6	(3.3)	0.2	(5.3)	(4.5)	6.8	3.1
	1986	(3.3)	4.9	(1.3)	1.0	(11.5)	(4.2)	(3.8)	(3.3)
	1987	2.0	1.6	17.1	5.2	(6.9)	3.1	(3.0)	(0.8)
	1988	1.3	4.7	2.0	2.4	(3.4)	(0.3)	1.9	2.3
1989	1.1	(6.6)	2.4	7.5	(3.7)	(0.2)	(0.6)	1.0	
Oceania	1980-85	3.1	4.6	2.8	0.8	0.9	1.9	4.5	3.5
	1985-89	3.3	2.0	4.2	3.4	3.4	3.3	4.5	3.8
	1981	1.8	12.8	2.3	3.3	4.4	4.4	3.2	3.6
	1982	(0.8)	(15.5)	(3.4)	(6.9)	(9.6)	(3.7)	(0.5)	1.7
	1983	5.3	28.5	3.5	1.7	0.3	3.9	5.9	4.0
	1984	5.1	0.5	7.5	6.1	8.0	4.6	8.2	4.2
	1985	3.8	0.6	4.9	1.2	5.6	0.5	5.5	4.4
	1986	2.4	3.7	0.3	1.7	(1.6)	(0.9)	4.5	3.7
	1987	3.9	(0.1)	5.5	4.3	6.5	4.5	6.5	4.4
	1988	3.5	0.3	5.4	4.4	5.6	5.6	5.3	3.6
1989	3.4	5.9	4.4	2.0	0.5	2.3	0.6	3.5	

Figure 19.1 Inflation Rate of Selected Asian Countries: 1992

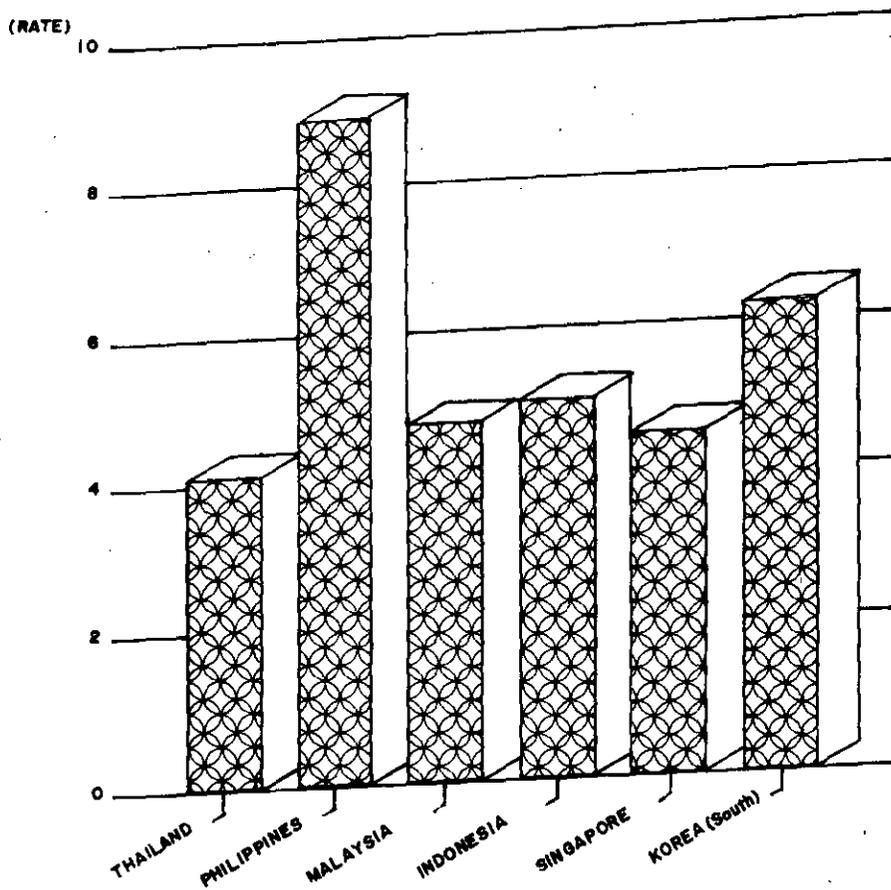
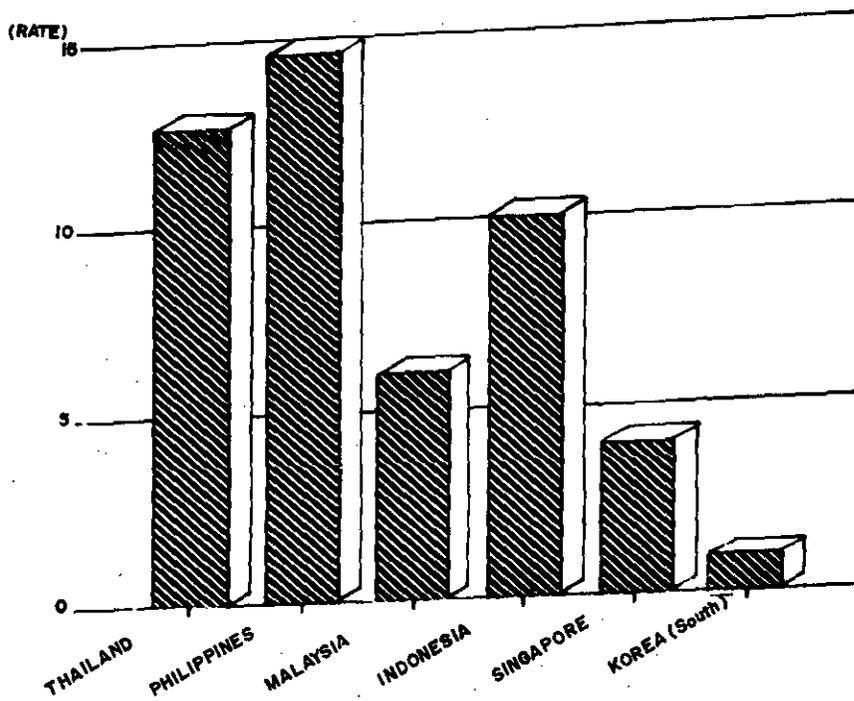


Figure 19.2 Merchandise Exports of Selected Asian Countries: 1992



**Table 19.3**  
**GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE**  
**1980 to 1989**

Region	Years	Gross Domestic Product	Government final consumption expenditure	Private final consumption expenditure	Gross fixed capital formation	Exports of goods and services	Less imports of goods and services
World	1980-85	2.6	2.6	2.4	0.9	3.0	2.4
	1985-89	3.6	2.3	3.3	5.4	6.7	7.7
	1981	1.8	2.8	1.5	0.1	4.5	1.6
	1982	0.7	2.6	1.5	(3.8)	(0.2)	(1.5)
	1983	2.7	2.2	2.7	1.1	1.9	1.2
	1984	4.4	2.6	3.0	4.7	8.0	8.4
	1985	3.5	3.1	3.4	3.7	3.6	2.7
	1986	3.0	3.0	3.7	2.8	2.5	5.4
	1987	3.5	2.3	3.3	5.1	6.2	7.5
	1988	4.4	2.2	3.5	7.4	8.7	9.0
1989	3.2	1.6	2.7	5.7	8.8	8.2	
Developed Regions	1980-85	2.5	2.4	2.4	1.6	3.8	3.3
	1985-89	3.5	2.4	3.4	6.1	6.0	7.7
	1981	1.8	1.9	1.1	(0.8)	4.1	(0.5)
	1982	0.3	1.8	1.3	(4.0)	(0.3)	(0.9)
	1983	3.0	2.4	3.0	2.4	2.9	3.0
	1984	4.4	2.8	3.0	6.4	8.7	10.2
	1985	3.2	3.3	3.4	4.5	4.6	3.9
	1986	2.8	3.4	3.8	3.4	2.4	6.4
	1987	3.2	2.4	3.4	6.0	4.9	7.2
	1988	4.3	2.2	3.8	8.2	7.7	8.8
1989	3.2	1.6	2.7	6.0	8.7	8.2	
Northern America	1980-85	2.8	3.3	3.4	4.1	0.9	7.8
	1985-89	3.6	2.9	3.1	4.1	12.1	7.6
	1981	2.4	1.2	1.6	1.1	0.6	3.6
	1982	(2.6)	2.4	0.8	(9.0)	(6.9)	(4.9)
	1983	3.9	3.3	4.9	7.7	(0.3)	11.6
	1984	7.1	4.2	4.8	14.4	9.3	22.0
	1985	3.9	5.1	4.7	7.1	3.6	5.6
	1986	3.2	4.6	4.1	2.4	9.8	10.3
	1987	3.7	2.7	2.8	4.7	12.4	8.0
	1988	4.5	2.4	3.4	5.9	15.8	6.6
1989	2.6	2.3	2.1	1.9	8.7	5.9	
Europe	1980-85	2.0	1.7	1.3	(0.4)	4.0	2.0
	1985-89	3.2	2.0	3.6	5.9	4.6	7.1
	1981	0.8	1.9	0.3	(4.3)	4.1	(2.9)
	1982	1.5	1.4	0.8	(2.4)	1.5	0.8
	1983	2.4	1.6	1.3	0.2	3.3	1.4
	1984	2.6	1.6	1.6	1.6	7.0	5.7
	1985	2.5	2.2	2.7	2.2	4.6	4.3
	1986	2.8	2.3	4.0	3.9	1.4	5.5
	1987	2.6	2.4	3.6	5.1	3.4	6.7
	1988	3.8	2.1	3.6	7.8	5.8	8.2
1989	3.3	0.8	3.4	6.3	7.8	7.7	

Source: 1988-89 United Nations Statistical Yearbook

Table 19.3 (continued)

Region	Years	Gross Domestic Product	Government final consumption expenditure	Private final consumption expenditure	Gross fixed capital formation	Exports of goods and services	Less imports of goods and services
European Economic Community	1980-85	1.5	1.6	1.3	(0.5)	3.8	2.1
	1985-89	3.3	1.9	3.8	6.2	4.7	7.6
	1981	0.1	2.0	0.3	(5.2)	4.0	(3.0)
	1982	0.9	1.4	0.8	(2.0)	1.2	1.2
	1983	1.6	1.6	1.5	0.2	2.5	1.1
	1984	2.3	1.6	1.4	1.5	7.5	6.1
	1985	2.4	2.0	2.6	2.4	4.6	4.0
	1986	2.6	2.4	4.0	4.0	1.6	5.9
	1987	2.8	2.4	3.8	5.0	3.6	7.5
	1988	3.8	2.0	3.8	8.4	5.8	8.4
	1989	3.8	0.6	3.7	7.1	8.1	8.4
Eastern Europe and USSR (NMP)	1980-85	3.5	1.3	2.3	(0.5)	7.3	1.2
	1985-89	3.0	1.9	3.2	3.5	3.5	3.5
	1981	2.8	0.2	1.9	9.3	9.3	0.2
	1982	3.4	0.7	1.0	8.7	8.7	(1.0)
	1983	4.7	1.5	0.6	11.4	11.4	3.9
	1984	3.3	0.8	5.3	2.4	2.4	(0.8)
	1985	2.5	3.9	3.3	3.9	3.9	3.9
	1986	3.1	1.2	3.7	0.7	3.9	2.0
	1987	2.3	3.0	3.9	3.7	3.7	5.3
	1988	4.1	2.9	2.9	2.0	2.0	3.9
	1989	2.4	(0.3)	2.3	8.7	8.7	1.9
Other Europe	1980-85	1.7	1.9	0.7	0.0	3.9	1.9
	1985-89	2.8	2.2	2.5	5.3	4.2	5.7
	1981	0.6	2.2	(0.8)	(0.3)	2.8	(3.5)
	1982	0.7	1.7	1.0	(3.9)	0.4	(1.0)
	1983	1.6	1.9	0.1	0.8	4.4	1.7
	1984	2.9	1.7	0.4	2.4	6.6	6.4
	1985	2.9	2.7	3.0	1.2	5.2	5.9
	1986	2.7	2.4	3.8	3.4	0.7	4.9
	1987	2.5	2.1	0.2	4.8	2.2	3.2
	1988	3.1	2.3	2.6	6.6	7.6	8.3
	1989	2.8	1.9	1.7	5.9	5.9	6.4
Developing Regions	1980-85	2.9	3.5	2.5	(1.8)	0.3	(0.4)
	1985-89	4.2	1.8	2.8	2.2	9.1	7.4
	1981	2.1	7.6	3.1	3.4	(5.9)	8.4
	1982	2.4	6.2	2.2	(3.2)	0.5	(3.3)
	1983	1.9	1.4	1.7	(4.0)	(1.2)	(4.3)
	1984	4.3	1.6	3.0	(2.0)	5.9	2.5
	1985	4.4	1.9	3.2	0.1	0.5	(1.5)
	1986	3.6	0.7	3.0	0.2	3.0	1.7
	1987	4.5	1.9	2.9	1.0	10.6	8.8
	1988	5.0	2.5	2.7	3.7	11.8	9.7
	1989	3.1	1.7	2.5	3.7	9.0	8.1

Table 19.3 (continued)

GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE  
1980 to 1989

Region	Years	Gross Domestic Product	Government final consumption expenditure	Private final consumption expenditure	Gross fixed capital formation	Exports of goods and services	Less imports of goods and services
Africa	1980-85	1.3	2.6	3.4	(3.2)	(1.8)	(3.4)
	1985-89	2.1	2.0	1.5	(0.8)	4.1	2.6
	1981	0.7	8.3	10.1	7.9	(14.7)	10.2
	1982	3.1	3.0	4.4	(5.8)	(2.1)	(14.1)
	1983	(0.4)	0.9	0.9	(6.1)	(4.9)	(10.4)
	1984	0.2	2.8	1.3	(6.5)	6.2	7.6
	1985	3.7	(0.4)	3.3	1.3	6.1	(1.3)
	1986	1.8	0.2	(1.2)	(3.8)	0.0	(2.3)
	1987	0.2	3.2	0.0	(3.8)	1.5	3.6
	1988	3.5	2.2	4.5	3.0	4.6	2.8
1989	3.0	1.9	2.1	1.5	11.9	5.7	
Caribbean, Latin America	1980-85	0.6	1.3	(0.3)	8.0	4.5	(7.5)
	1985-89	1.9	1.3	1.9	1.5	5.5	6.0
	1981	0.8	3.0	(0.3)	(2.1)	4.7	1.3
	1982	(1.2)	(0.1)	(1.6)	(13.1)	(0.6)	(14.8)
	1983	(1.9)	0.2	(2.3)	(18.7)	6.7	(18.5)
	1984	3.6	3.1	2.2	(0.1)	8.1	4.6
	1985	2.9	1.1	1.8	3.9	3.3	(0.7)
	1986	3.7	2.1	6.1	6.3	1.2	5.6
	1987	2.7	1.5	2.6	2.8	4.6	5.9
	1988	0.8	1.0	(0.9)	(1.0)	10.1	7.6
1989	0.9	0.8	1.2	(1.6)	4.3	4.2	
Eastern, Southeastern and Southern Asia, ex. Japan	1980-85	7.2	5.8	5.1	4.2	6.5	4.6
	1985-89	7.6	6.5	5.9	8.6	16.0	14.4
	1981	5.8	7.6	5.1	7.0	32.3	8.6
	1982	5.5	7.9	4.0	5.6	2.4	2.5
	1983	8.2	3.6	7.4	5.6	9.3	7.7
	1984	8.5	4.0	5.1	1.8	12.6	4.0
	1985	7.5	7.9	2.6	0.5	1.9	(0.5)
	1986	6.7	6.9	4.2	3.7	15.8	8.8
	1987	8.1	5.1	5.8	7.5	18.2	15.5
	1988	9.5	6.6	7.3	10.5	18.7	18.4
1989	5.1	8.3	6.0	12.6	8.9	12.7	
Asia, Middle East	1980-85	(0.1)	4.6	4.3	1.8	(7.0)	1.8
	1985-89	0.6	(1.6)	0.6	(5.9)	4.5	1.1
	1981	0.0	11.5	1.6	5.9	(12.7)	14.7
	1982	2.1	12.9	7.1	6.6	0.9	9.1
	1983	(2.0)	1.1	3.9	7.8	(14.3)	(3.5)
	1984	0.1	(1.1)	2.6	(5.6)	(2.7)	(2.3)
	1985	(0.7)	0.8	6.1	(7.4)	(6.4)	(5.1)
	1986	(3.3)	(5.2)	(0.6)	(12.9)	(11.2)	(7.2)
	1987	2.0	0.5	2.4	(7.8)	11.6	5.8
	1988	1.3	0.5	1.0	(0.1)	4.1	1.8
1989	1.1	(4.1)	(1.4)	(4.4)	12.3	1.8	
Oceania	1980-85	3.1	3.6	2.7	2.3	5.7	4.3
	1985-89	3.3	2.1	3.3	4.7	4.9	8.4
	1981	1.8	1.0	4.0	8.0	1.5	10.8
	1982	(0.8)	2.6	1.2	(8.4)	0.9	(6.4)
	1983	5.3	4.1	2.6	2.9	7.3	4.0
	1984	5.1	5.2	3.4	8.1	12.1	14.1
	1985	3.8	4.4	3.1	4.8	5.2	1.4
	1986	2.4	2.5	0.9	(1.0)	8.0	(1.7)
	1987	3.9	2.8	3.8	6.4	5.9	10.0
	1988	3.5	2.1	3.4	10.8	1.4	17.6
1989	3.4	0.9	4.7	(0.6)	5.9	3.6	

**Table 19.4**  
**INDEX NUMBERS OF FOOD AND TOTAL AGRICULTURAL PRODUCTION**  
**(1979-81 = 100)**  
**1980 to 1989**

Region	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>A. FOOD PRODUCTION</b>										
World	99	102	106	106	111	114	116	116	118	122
Developed Regions	99	103	104	97	106	107	106	105	101	107
North America	96	106	106	89	103	109	104	101	93	104
Western Europe	102	100	105	103	109	107	108	109	107	109
Oceania	94	101	93	110	106	107	107	106	110	108
Others	98	102	100	95	100	104	105	106	105	109
Eastern Europe and USSR	100	97	104	108	110	111	118	116	116	119
Developing Regions	100	104	106	109	111	117	119	120	128	131
Africa	100	102	106	104	105	114	119	120	126	130
Latin America	99	104	106	106	109	114	113	117	123	125
Near East	100	104	107	107	105	117	121	122	129	117
Far East	100	104	108	116	121	124	128	130	137	143
MPS countries in Asia	100	102	110	117	126	128	133	139	142	147
Others	99	102	104	101	112	113	114	111	113	118
<b>B. TOTAL AGRICULTURAL PRODUCTION</b>										
World	99	103	106	105	111	114	115	117	118	122
Developed Regions	98	103	104	96	105	107	106	105	101	106
North America	95	106	105	88	102	108	103	101	94	103
Western Europe	102	100	105	103	109	107	109	109	107	109
Oceania	96	101	95	109	106	109	109	109	113	111
Others	99	102	100	96	100	103	103	105	103	106
Eastern Europe and USSR	100	97	104	107	110	110	117	115	115	118
Developing Regions	99	104	105	108	111	117	118	119	126	129
Africa	100	102	105	104	105	114	119	120	126	130
Latin America	99	104	105	105	108	113	110	116	121	122
Near East	100	104	107	107	105	116	119	120	127	116
Far East	99	104	109	116	123	126	128	130	138	144
MPS countries in Asia	99	103	113	119	130	131	134	141	145	149
Others	100	102	102	101	110	112	112	111	113	119

Source: 1988-89 United Nations Statistical Yearbook

**Table 19.5**  
**INDEX NUMBERS OF PER CAPITA FOOD AND TOTAL AGRICULTURAL PRODUCTION**  
**(1979-81 = 100)**  
**1980 to 1989**

Region	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
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**A. PER CAPITA FOOD PRODUCTION**

World	99	101	102	100	104	105	105	103	103	105
Developed Regions	98	102	103	95	103	104	102	100	96	100
North America	96	105	104	87	99	103	98	95	87	96
Western Europe	102	99	105	102	108	105	107	107	105	106
Oceania	95	99	91	106	100	100	99	96	99	95
Others	98	101	98	93	96	99	99	99	97	100
Eastern Europe and USSR	100	96	103	105	107	106	112	110	109	111
Developing Regions	100	102	101	102	101	104	103	101	105	105
Africa	100	99	100	95	93	98	100	97	99	99
Latin America	99	102	102	99	100	102	99	100	104	103
Near East	100	102	102	99	94	101	102	100	103	91
Far East	100	102	104	110	113	113	114	114	118	121
MPS countries in Asia	100	102	107	113	119	120	123	126	127	130
Others	99	101	99	94	102	101	100	95	95	97

**B. PER CAPITA TOTAL AGRICULTURAL PRODUCTION**

World	99	101	102	100	104	105	104	103	103	105
Developed Regions	98	102	103	94	103	104	101	100	96	100
North America	95	105	103	86	98	103	97	94	87	95
Western Europe	102	99	105	102	108	105	107	107	105	106
Oceania	96	100	93	104	100	102	101	99	102	98
Others	99	101	98	93	96	98	97	98	95	98
Eastern Europe and USSR	100	97	103	105	106	106	112	109	108	110
Developing Regions	99	102	100	101	100	103	102	100	104	104
Africa	100	99	99	95	93	98	100	97	98	99
Latin America	99	102	100	98	99	102	97	99	102	101
Near East	101	101	101	99	94	101	101	99	102	91
Far East	99	102	105	110	114	115	114	115	119	121
MPS countries in Asia	99	102	110	115	123	123	124	128	130	132
Others	100	99	97	95	100	100	98	95	95	98

Source: 1988-89 United Nations Statistical Yearbook

**Table 19.6**  
**GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES**  
*(Percent Change)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	3.9	7.5	12.8	11.0	10.0
Hong Kong	3.2	4.2	5.0	6.1	5.3
Republic of Korea	9.2	8.4	4.5	6.0	7.0
Singapore	8.3	6.7	5.8	5.8	6.0
Taipei, China	4.9	7.2	6.6	6.8	7.0
Indonesia	7.1	6.6	5.9	6.3	6.7
Malaysia	9.7	8.7	8.0	8.0	7.8
Philippines	2.7	(0.7)	0.0	2.8	4.5
Thailand	10.0	8.2	7.5	7.8	8.5
Socialist Republic of Viet Nam	5.1	6.0	8.3	7.5	8.2
Bangladesh	6.6	3.4	4.0	5.0	5.0

P Projections

Source : Asian Development Outlook 1993, Asian Development Bank.

**Table 19.7**  
**GROSS DOMESTIC INVESTMENT OF SELECTED ASIAN COUNTRIES**  
*(Percent of GDP)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	36.6	35.7	39.4	39.5	39.5
Hong Kong	28.4	28.1	28.4	28.3	28.9
Republic of Korea	36.9	39.1	36.2	36.4	36.5
Singapore	39.7	38.2	40.8	41.4	43.0
Taipei, China	22.4	22.8	24.4	24.7	25.6
Indonesia	36.6	35.1	35.7	34.9	33.9
Malaysia	32.1	36.3	35.2	35.1	33.4
Philippines	22.2	19.8	21.1	22.7	24.6
Thailand	38.3	38.2	36.7	39.3	41.0
Socialist Republic of Viet Nam	11.5	11.6	12.0	12.7	13.5
Bangladesh	5.2	6.4	8.2	8.4	8.8

P Projections

Source : Asian Development Outlook 1993, Asian Development Bank.

**Table 19.8**  
**GROSS DOMESTIC SAVING OF SELECTED ASIAN COUNTRIES**  
*(Percent of GDP)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	40.1	38.9	40.3	40.0	39.4
Hong Kong	33.3	30.9	31.4	31.1	31.1
Republic of Korea	36.2	36.4	34.9	30.6	35.6
Singapore	45.1	45.8	47.2	44.7	44.7
Taipei, China	27.9	27.8	26.7	26.8	27.3
Indonesia	37.1	35.7	37.7	38.0	38.7
Malaysia	32.6	31.1	33.8	35.0	33.0
Philippines	18.2	16.1	14.6	14.5	14.5
Thailand	32.3	33.0	33.1	33.3	35.0
Bangladesh	5.2	6.4	8.2	8.4	8.8

P Projections

Source: Asian Development Outlook 1993, Asian Development Bank

**Table 19.9**  
**INFLATION RATE OF SELECTED ASIAN COUNTRIES**  
*(Percent Change in CPI)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	1.3	5.1	6.4	9.0	8.5
Hong Kong	9.8	12.0	9.4	10.0	9.8
Republic of Korea	8.6	9.3	6.2	5.8	5.0
Singapore	3.5	3.4	2.2	2.5	2.5
Taipei, China	4.1	3.6	4.5	3.4	3.0
Indonesia	7.4	9.2	5.0	5.9	7.5
Malaysia	2.6	4.4	4.7	4.5	4.5
Philippines	14.2	18.7	8.9	8.8	7.8
Thailand	6.0	5.7	4.1	4.3	5.4
Socialist Republic of Viet Nam 1_/	67.5	67.6	17.5	14.0	12.0
Bangladesh 2_/	9.3	8.8	5.1	5.0	5.0

P Projections

1\_/ Refers to year-on-year data.

2\_/ Based on CPI middle income families in Dhaka.

Source: Asian Development Outlook 1993, Asian Development Bank

**Table 19.10**  
**MERCHANDISE EXPORTS OF SELECTED ASIAN COUNTRIES**  
*(Percent Change)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	19.2	14.4	16.3	16.5	15.0
Hong Kong	12.3	20.0	21.2	20.0	16.5
Republic of Korea	2.8	10.2	8.1	8.6	9.7
Singapore	17.2	12.1	6.0	8.6	9.0
Taipei, China	1.4	13.0	7.1	8.1	9.0
Indonesia	16.7	9.8	13.5	13.0	13.0
Malaysia	17.1	17.3	11.0	14.0	15.0
Philippines	4.7	8.0	9.8	11.5	11.2
Thailand	15.0	23.8	17.8	18.4	18.7
Socialist Republic of Viet Nam	23.5	(18.0)	25.6	22.2	22.0
Bangladesh	18.5	12.7	16.0	12.5	11.1

P Projections

Source: Asian Development Outlook 1993, Asian Development Bank

**Table 19.11**  
**MERCHANDISE IMPORTS OF SELECTED ASIAN COUNTRIES**  
*(Percent Change)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	(13.3)	18.5	26.0	25.0	23.0
Hong Kong	14.3	21.5	23.0	20.5	16.5
Republic of Korea	14.6	17.6	0.9	6.3	7.5
Singapore	22.1	9.2	4.0	8.6	9.2
Taipei, China	4.5	15.2	14.5	11.0	12.0
Indonesia	31.5	14.8	10.0	10.5	11.0
Malaysia	29.9	26.3	6.0	10.0	12.0
Philippines	17.2	(1.3)	14.6	13.3	13.0
Thailand	29.9	15.8	12.8	15.0	17.0
Socialist Republic of Viet Nam	7.3	(20.2)	14.1	24.7	28.0
Bangladesh	11.4	(7.7)	(0.2)	10.2	11.9

P Projections

Source: Asian Development Outlook 1993, Asian Development Bank

**Table 19.12**  
**CURRENT ACCOUNT BALANCE OF SELECTED ASIAN COUNTRIES**  
*(Percent of GDP)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	3.2	3.7	2.4	1.2	(0.1)
Republic of Korea	(0.9)	(3.1)	(1.4)	(0.8)	(0.3)
Singapore	6.2	10.5	6.5	5.7	4.1
Taipei, China	6.9	6.5	3.4	2.6	1.7
Indonesia	(2.8)	(3.5)	(3.3)	(2.8)	(2.4)
Malaysia	(3.8)	(9.6)	(4.4)	(4.1)	(1.3)
Philippines	(6.1)	(2.3)	(2.1)	(2.4)	(3.2)
Thailand	(8.9)	(8.1)	(6.4)	(6.0)	(5.9)
Socialist Republic of Viet Nam	(3.6)	(1.3)	2.3	1.5	0.1
Bangladesh	(3.6)	(0.4)	1.3	0.4	(0.7)

P Projections

Source: Asian Development Outlook 1993, Asian Development Bank

**Table 19.13**  
**DEBT SERVICE RATIO OF SELECTED ASIAN COUNTRIES**  
*(Percent of Exports)*  
**1990 to 1994**

Countries	1990	1991	1992	1993 P/	1994
People's Republic of China	11.6	12.0	11.0	10.5	10.0
Republic of Korea	10.7	7.1	10.9	10.3	6.8
Indonesia	24.9	23.5	26.7	24.5	22.8
Malaysia	11.2	8.4	8.0	6.0	6.0
Philippines	26.8	23.2	18.9	15.7	...
Thailand	17.0	13.1	10.7	10.3	10.3
Socialist Republic of Viet Nam	5.5	5.6	7.5	8.0	8.5
Bangladesh	28.7	19.9	15.0	16.0	14.0

P Projections

Source: Asian Development Outlook 1993, Asian Development Bank

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