1992

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

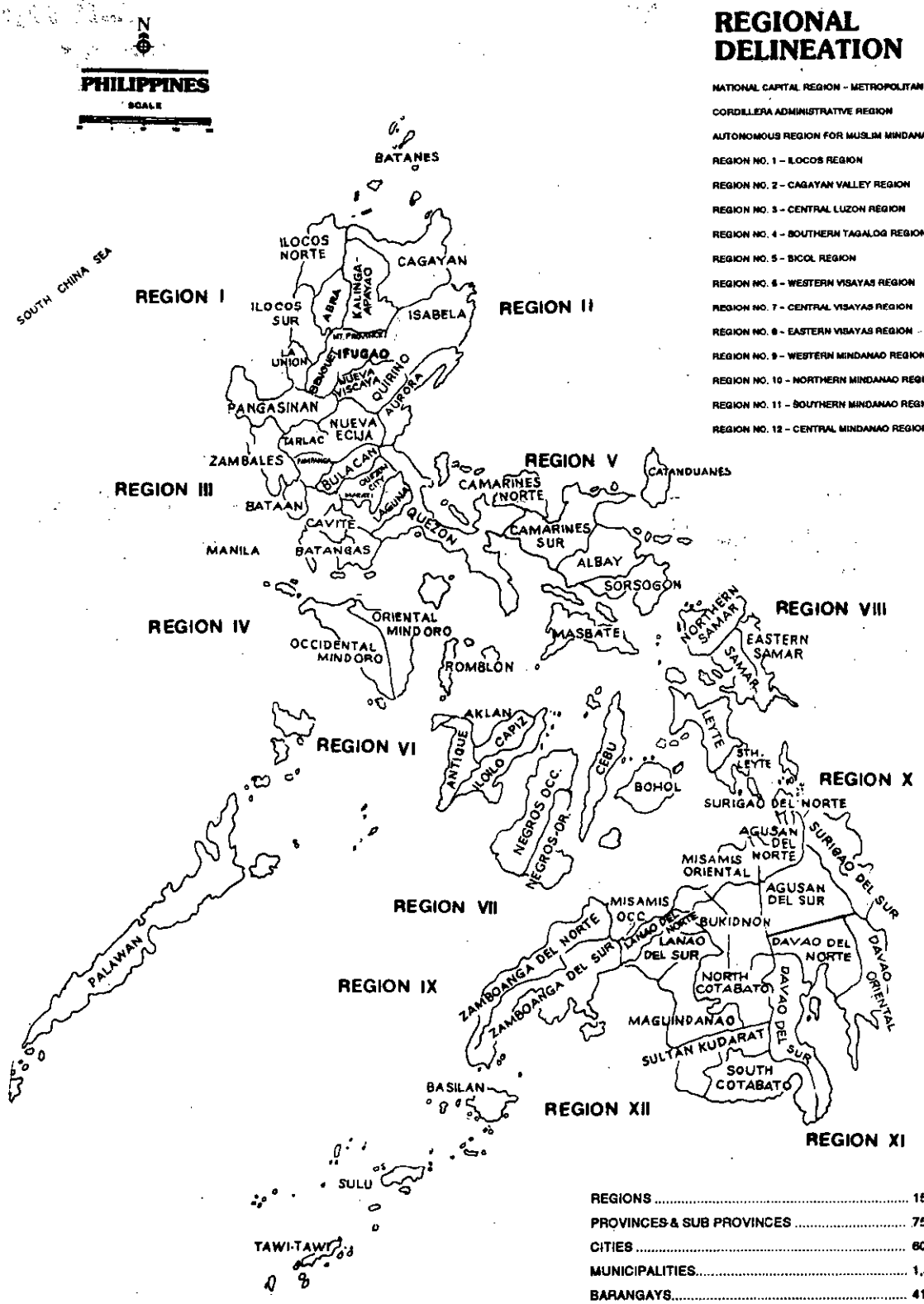
REGION NO. 8 – EASTERN VISAYAS REGION

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

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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 1992 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 1992

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LIST OF DATA SOURCES

1987 United Nations Statistical Yearbook
1992 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 Tranportation 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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Standard Symbols Used

The following standard symbols are used in this publication:

SYMBOLS	MEANING
CY	*Calendar Year (Jan. 1 - Dec. 31)*
SY	*School Year*
FY	*Fiscal Year (July 1 - June 31)*
n.e.s.	*Not elsewhere stated*
n.e.c.	*Not elsewhere classified*
p	*Preliminary*
r	*Revised*
...	*Data not available*
* (asterisk)	*Less than half the unit employed*
– (dash)	*Nil or zero*
..	*Not applicable*

SUMMARY OF MAJOR STATISTICAL SERIES

SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 1. POPULATION AND HOUSING STATISTICS					
1. Population (1,000 persons)	May 1, 1990	60,685.0	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	42,071.0	43.9
Male (percent)		49.7		50.6	
Female (percent)		50.3		49.4	
3. Regional distribution					
Philippines (1,000 persons)	May 1, 1990	60,685	May 1, 1980	48,098	26.2
Metropolitan Manila Area (National Capital Region)		7,929		5,926	33.8
CAR		1,146		914	25.4
Region 1		3,551		2,924	21.4
Region 2		2,341		1,919	22.0
Region 3		6,199		4,803	29.1
Region 4		8,266		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		3,159		2,529	24.9
Region 10		3,510		2,759	27.2
Region 11		4,475		3,347	33.7
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		
	Reference period	Value	Reference period	Value	Percent change
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)	July 1992		July 1991		
Philippines		167.0		152.9	9.2
Metropolitan Manila Area (National Capital Region)		175.3		154.0	13.8
Areas Outside Metropolitan Manila		164.3		152.6	7.7
CAR		158.7		149.7	6.0
Region 1		161.2		149.7	7.7
Region 2		164.8		146.6	12.4
Region 3		161.1		152.8	5.4
Region 4		165.5		154.7	7.0
Region 5		165.6		155.3	6.6
Region 6		168.5		159.4	5.7
Region 7		177.6		166.1	6.9
Region 8		162.0		147.7	9.7
Region 9		165.7		152.8	8.4
Region 10		161.7		146.7	10.2
Region 11		153.0		138.6	10.4
Region 12		170.5		153.9	10.8
Chapter 3. ECONOMIC ACCOUNTS					
1. Gross national product (million pesos)	1991		1990		
At current prices		1,251,690		1,076,542	16.3
At 1985 prices		716,216		716,964	(0.1)
2. Gross domestic product by industrial origin (million pesos at 1985 prices)	1991	708,227	1990	715,309	(1.0)
Agriculture, fishery and forestry		161,859		160,734	0.7
Mining and quarrying		10,770		11,091	(2.9)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Manufacturing		180,506		181,983	(0.8)
Construction		35,928		42,639	(15.7)
Electricity, gas, and water		20,609		20,423	0.9
Transport, communication and storage		41,408		41,217	0.5
Trade		102,677		101,354	1.3
Finance		7,205		29,091	(75.2)
Ownership of Dwellings & Real Estates		40,242		40,242	0.0
Private Services		49,273		49,353	(0.2)
Government Services		35,665		36,405	(2.0)
3. Expenditures on gross domestic product at 1985 prices (million pesos)	1991	708,227	1990	715,309	(1.0)
Personal consumption expenditures		543,719		531,772	2.2
General government expenditures		54,148		57,640	(6.1)
Gross domestic capital formation		140,661		162,645	(13.5)
Construction		57,717		69,113	(16.5)
Durable equipment		70,497		76,976	(8.4)
Increase in stocks		1,199		5,611	(78.6)
Exports		228,765		219,703	4.1
(Less) imports		264,889		269,148	(1.6)
4. Per capita private (personal) consumption expenditure (million pes	1991		1990		
At current prices		14,574		12,477	16.8
At 1985 prices		8,648		8,650	(0.0)
Chapter 4. NATURAL RESOURCES					
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
2. Area reforested annually (in hectares)	1991 p	93,039	1990	187,392	(50.4)
3. Forest Destruction (in hectares)	1991 p	7,233	1990	15,549	(53.5)
4. Production of logs, lumber, plywood and veneer (1,000 m)	1991 p		1990		
Logs		1,626		2,503	(35.0)
Lumber		706		841	(16.1)
Plywood		306		397	(22.9)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Veneer		54		49	10.2
5. Mineral ore reserves (1,000 tonnes)	1989	34,508,227	1988	27,970,164	23.4
Metallic		6,480,712		6,360,950	1.9
Non-metallic		28,027,515		21,609,214	29.7
Chapter 5. AGRICULTURE					
1. Production of agricultural crops (1,000 m.t.)	Crop year 1991 p	64,056	Crop year 1990	59,806	7.1
Cereals		14,324		14,173	1.1
Palay		9,670		9,319	3.8
Corn		4,655		4,854	(4.1)
Major crops		41,020		36,684	11.8
Coconut		11,291		11,940	(5.4)
Sugarcane		21,825		18,667	16.9
Banana		2,951		2,913	1.3
Pineapple		1,117		1,156	(3.4)
Coffee		133		134	(0.4)
Other major crops		3,704		3,875	(4.4)
Other crops		8,711		8,707	0.0
2. Value of production of agricultural crops (million P)	Crop year 1991 p	164,908	Crop year 1990	156,254	5.5
Cereals		60,234		64,699	(6.9)
Palay		43,885		45,672	(3.9)
Corn		16,349		19,027	(14.1)
Major crops		73,707		65,846	11.9
Coconut		18,969		18,865	0.5
Sugarcane		14,732		11,387	29.4
Banana		9,708		7,225	34.4
Pineapple		4,658		4,750	(1.9)
Coffee		3,083		2,662	15.8
Other major crops		30,968		20,957	47.8
Other crops		32,865		25,709	27.8
3. Fish production (1,000 m.t.)	1991	2,599.0	1990	2,503.6	3.8
Commercial fishing		759.8		700.6	8.4
Aquaculture		692.4		671.1	3.2
Municipal fishing		1,146.8		1,131.9	1.3

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
4. Value of fishing production (million pesos)	1991	60,033.3	1990	52,177.2	15.1
Commercial fishing		15,244.6		12,410.6	22.8
Aquaculture		22,656.1		20,466.5	10.7
Municipal fishing		22,132.6		19,300.1	14.7
Chapter 6. ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTOR					
1. Gross value of output of manufacturing establishments (million pesos)	1989	415,780	1988	385,010	8.0
Food		89,696		83,367	7.6
Beverages		30,455		25,189	20.9
Tobacco		16,981		16,194	
Textiles		21,088		19,556	7.8
Footwear & wearing apparel		14,833		15,854	(6.4)
Wood and cork		8,734		10,936	(20.1)
Furniture and fixtures		3,071		3,867	(20.6)
Paper		10,583		10,247	3.3
Printing		3,818		4,166	
Leather		622		531	17.1
Rubber Products		7,039		8,428	(16.5)
Chemicals		48,309		44,993	7.4
Petroleum and coal		43,002		44,994	(4.4)
Other non-metallic mineral		2,452		1,990	23.2
Basic metal		35,608		31,699	12.3
Metal products		6,040		5,965	1.3
Machinery except electrical		3,272		3,318	(1.4)
Electrical machinery		31,876		25,628	24.4
Transport equipment		17,909		8,895	101.3
Miscellaneous		2,578		2,630	(2.0)
2. Value of mining production (million pesos)	1991 p	23,165	1990	23,616	(1.9)
Metallics		16,657		17,625	(5.5)
Non-Metallics		6,508		5,990	8.6
3. Value of private building construction (million pesos)	1991	23,859.0	1990	24,778.7	(3.7)
Metropolitan Manila Area (National Capital Region)		11,844.0		14,343.5	(17.4)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Rest of the Regions		12,014.0		10,435.2	15.1
4. Number of newly registered corporations and partnerships	1991		1990		
Corporations		9,021		9,048	(0.3)
Partnerships		1,756		1,632	7.6
Single Proprietorships		100,806		82,859	21.7
5. Capital increases & withdrawals of corporations & partnerships (million pesos)	1991		1990		
Increases		25,169.9		19,267.4	30.6
Withdrawals		3,527.8		2,365.3	49.1
Net effect		21,642.2		16,902.1	28.0
6. Amount of investments approved under E.O. 226 (million pesos)	1991	43,568.0	1990	48,033.9	(9.3)
Local		22,174.0		24,664.1	(10.1)
Foreign		21,394.0		23,369.8	(8.5)
Chapter 7. FOREIGN TRADE, BALANCE OF PAYMENTS					
1. Direction of external trade (million US dollars)	1991		1990		
Exports		8,839.5		8,186.0	8.0
Imports		12,061.4		12,206.2	(1.2)
Balance of trade (all countries)		(3,221.9)		(4,020.2)	(19.9)
2. Total exports (million US $)	1991	8,840	1990	8,186	8.0
Ten principal exports		1,065		1,311	(18.8)
Copra		18		25	(28.0)
Sugar		173		80	116.3
Banana		146		146	0.0
Logs and lumber		12		238	(95.0)
Desiccated coconut		66		78	(15.7)
Coconut oil		298		376	(20.7)
Pineapples, canned		95		94	1.1
Gold		64		109	(41.3)
Abaca (unmanufactured)		16		18	(11.1)
Copper concentrates		174		237	(26.6)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Imports by end use (million US$)	1991	12,051.4	1990	12,206.2	(1.3)
Producer goods				11,350.7	
Machinery and equipment				1,531.2	
Unprocessed raw materials				2,357.1	
Semi-processed raw materials				6,924.2	
Supplies				538.2	
Consumer goods				855.5	
Durable				81.7	
Non-durable				773.8	
4. Balance of payments (million US $)					
Overall surplus (deficit)	1991	1,405	1990	(183)	(867.8)
Chapter 8. TOURISM					
1. Number of visitor arrivals	1991	9,513,645	1990	1,024,520	828.6
2. Total tourist receipts (thousand $)	1991	571,000	1990	466,000	22.5
Chapter 9. VITAL, HEALTH AND NUTRITION STATISTICS					
1. Crude birth and death rates (per 1,000 population)	1989		1988		
Birth rate		26.0		26.7	(2.6)
Death rate		5.4		5.5	(1.8)
2. Number of registered marriages	1990	422,041	1989	395,933	6.6
3. Number of registered live births	1989	1,565,254	1988	1,565,372	(0.0)
4. Number of registered deaths	1989	325,621	1988	325,098	0.2
5. Daily per capita available food supply (grams/day)	1989		1988		
Cereals and cereal products		370.4		346.2	7.0
Roots and tubers		70.2		61.9	13.4
Sugar and syrup		34.3		28.0	22.5
Pulses and nuts		24.2		10.0	142.0
Vegetables		91.7		96.6	(5.1)
Fruits		188.3		164.7	14.3
Meat products		69.1		58.9	17.3
Milk and milk products		12.3		63.1	(80.5)
Eggs		8.0		11.7	(31.6)
Fish and other marine products		101.0		103.2	(2.1)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Fats and oil		14.8		12.7	16.5
Miscellaneous food		92.4		92.8	(0.4)
6. Calorie and nutrient values of available food supply	1989		1988		
Calorie (per day)		2,500		2,415	3.5
Protein (grams/day)		69		65	6.2
Fats (grams/day)		45		44	2.3
7. Bed capacity of government and private hospitals	1991	81,647	1990	87,133	(6.3)
8. Number of hospitals	1991	1,663	1990	1,733	(4.0)
9. Number of government medical practitioners	1991	31,376	1990	30,855	1.7
10. Number of health stations	1991		1990		
Barangay		10,683		10,151	5.2
Rural		2,299		2,295	0.2
11. Number of reported acceptors of family planning	1990	782,945	1989	659,882	18.6
Chapter 10. EDUCATION					
1. Number of government and private schools					
Pre-School	SY 1990-91	4,201	SY 1989-90	3,837	9.5
Elementary	SY 1991-92	34,081	SY 1990-91	34,382	(0.9)
Secondary		5,550		5,518	0.6
Tertiary	SY 1990-91	2,071	SY 1989-90	1,755	18.0
2. Enrolment in government and private schools (in thousand)					
Pre-school	SY 1990-91	321.4	SY 1989-90	321.4	0.0
Elementary	SY 1991-92	10,558.1	SY 1990-91	10,427.1	1.3
Secondary		4,208.2		4,033.6	4.3
Tertiary		1,656.8		1,225.3	35.2
3. Number of graduates					
Tertiary	SY 1991-92	221,047	SY 1989-90	249,488	(11.4)
Non-formal (LSD)	1990	225,391	1989	269,011	(16.2)
4. Number of examinees who passed the board/bar exams	1991	41,923	1990	46,729	(10.3)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 11. LABOR AND EMPLOYMENT					
1. Total labor force (1,000 persons)	1991	25,246	1990	24,525	2.9
Employed		22,980		22,532	2.0
Unemployed		2,266		1,993	13.7
2. Labor force participation rate (percent)					
Philippines	1991	64.5	1990	64.5	0.0
National Capital Region		61.6		59.8	3.0
CAR		69.2		73.9	(6.4)
Region 1		62.5		62.1	0.6
Region 2		67.0		66.7	0.4
Region 3		62.7		62.2	0.8
Region 4		63.5		64.2	(1.1)
Region 5		68.2		68.3	(0.1)
Region 6		65.0		65.0	0.0
Region 7		65.3		65.1	0.3
Region 8		68.7		71.0	(3.2)
Region 9		58.0		59.7	(2.8)
Region 10		68.3		69.0	(1.0)
Region 11		66.1		67.1	(1.5)
Region 12		67.0		63.3	5.8
3. Processed overseas contract workers	1991	701,762	1990	598,769	17.2
Land-based		554,476		468,591	18.3
Sea-based		147,286		130,178	13.1
4. Deployed overseas workers	1991	615,019	1990	446,095	37.9
Land-based		489,260		334,883	46.1
Sea-based		125,759		111,212	13.1
5. Number of strike notices filed	1991	1,345	1990	1,562	(13.9)
Chapter 12. SOCIAL SERVICES					
1. Benefits paid by the Government Service Insurance System (million pesos)	1991	5,307.4	1990	3,707.9	43.1
2. Benefits paid by the Social Security System (million pesos)	1991	6,664.5	1990	4,971.2	34.1
3. Number of disaster coordinating councils	1991	2,180	1990	2,918	(25.3)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data: Reference period	Latest data: Value	Compared to: Reference period	Compared to: Value	Percent change
Chapter 13. TRANSPORTATION AND COMMUNICATION					
1. Rail transport	1991		1990		
Passengers (1,000 persons)		654.9		928.0	(29.4)
Freight tonnes loaded (1,000 mt)		11.6		32.2	(64.0)
Express tonnes loaded (1,000 mt)		10.3		16.8	(38.7)
2. Total number of registered motor vehicles	1991	1,715,366	1990	1,620,242	5.9
Private		1,384,146		1,322,783	4.6
For hire		280,254		246,082	13.9
Government		44,759		45,482	(1.6)
Diplomatic		6,205		5,895	5.3
3. Total number of newly-registered motor vehicles	1991	182,826	1990	206,090	(11.3)
Cars		32,130		42,389	(24.2)
Utility vehicles		71,969		74,731	(3.7)
Trucks		12,646		13,419	(5.8)
Buses		1,877		2,119	(11.4)
Motorcyles/Tricyles		61,820		70,034	(11.7)
Trailers		2,384		3,398	(29.8)
4. Flights and passengers carried by international carriers	1991		1990		
Passengers carried, total		4,529,449		4,367,357	3.7
Arrivals		2,116,954		2,103,820	0.6
Departures		2,412,495		2,263,537	6.6
Flights, total		25,828		25,243	2.3
5. Number of registered airports	1991	162	1990	173	(6.4)
National		84		86	(2.3)
Private		78		87	(10.3)
6. Total Kilometers of road	1991	160,632.76	1990	160,398.17	0.1
National		26,344.67		26,110.08	0.9
Local		134,288.09		134,288.09	0.0
7. Number of Bridges	1990	11,562	1989	11,289	2.4
National government		7,201		6,928	3.9
Local government		4,361		4,361	0.0

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
8. Length of bridges (linear meters)	1990	314,184.23	1989	314,184.23	0.0
National government		235,519.67		235,519.67	0.0
Local government		78,664.56		78,664.56	0.0
9. Coastwise shipping movement at 26 major ports	1991 p		1990		
Number of vessels entered		62,070		81,475	(23.8)
Number of vessels cleared		60,016		81,391	(26.3)
10. International shipping movements at Port of Manila	1991 p		1990		
Number of vessels entered		2,688		2,604	3.2
Number of vessels cleared		2,679		2,597	3.2
11. Number of operational ports	1991	399	1990	399	0.0
12. Number of licensed radio stations	1990	65,967	1989	40,435	63.1
13. Total telephone connections	1990	987,890	1989	888,964	11.1
14. Volume of mail handled (1,000 pieces)	1991	980,569	1990	804,048	22.0
Received from Foreign Countries		175,714		166,659	5.4
Posted mails		804,855		637,389	26.3
Chapter 14. ENERGY AND WATER RESOURCES					
1. Electric consumption by source (MBFOE)	1991	118.2	1990	120.6	(2.0)
Indigenous energy		40.6		41.3	(1.7)
Imported energy		77.6		79.3	(2.1)
2. Electric Energy Consumption (gigawatt hours)	1991	25,649	1990	25,244	1.6
3. Petroleum products consumption (thousand barrels)	1991	82,922	1990	85,465	(3.0)
4. Power generation	1991	25,654	1990	25,245	1.6
Chapter 15. PUBLIC FINANCE					
1. National Government Revenue (million pesos)	1991	225,642.0	1990	180,644.0	24.9
Tax Revenues		182,831		150,316	21.6
Taxes on income and profits		61,053		48,549	25.8

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Taxes on property		189		279	(32.3)
Taxes on goods and services		51,155		50,745	0.8
Taxes on international trade and transactions		65,521		46,005	42.4
Other taxes		4,913		4,738	3.7
Non tax revenue		42,811		30,328	41.2
2. Sectoral Allocation of Expenditures (billion pesos)	1992	308.4	1991	298.9	3.2
Economic services		66.8		59.0	13.2
Social services		67.4		65.0	3.7
Defense		26.3		25.2	4.4
General public service		33.3		26.1	27.6
Debt Burden		114.5		123.6	(7.4)
3. Internal debt outstanding by level of government (million P)	1991	340,800.8	1990	253,808.7	34.3
National government		286,590.8		243,289.7	17.8
Local government		–		–	
Government corporations		6,701.0		6,490.7	3.2
Monetary institutions		47,509.0		4,028.3	1,079.4
4. Internal debt outstanding by period of maturity (million P)	1991	340,800.8	1990	253,808.7	34.3
Long term		22,472.8		20,135.0	11.6
Medium term		56,164.4		22,992.1	144.3
Short term		262,163.6		210,681.6	24.4
Chapter 16. MONEY ANB BANKING					
1. Money supply (million pesos)	1991	101,379	1990	89,012	13.9
2. Loans and investments outstanding (million pesos)	1991	254,256.6	1990	275,887.8	(7.8)
Commercial banks		231,958.0		243,992.0	(4.9)
Rural banks		10,744.1		9,735.7	10.4
Development banks		7,399.7		6,139.9	20.5
Savings banks		4,154.8		16,020.2	(74.1)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Total assets and liabilities of Central Bank (million pesos)	1991		1990		
Total assets		529,161.0		444,893.2	18.9
Total liabilities		527,058.0		442,977.4	19.0
4. Total assets and liabilities of commercial banks (million pesos)	1991		1990		
Total assets		599,122.0		539,708.0	11.0
Total liabilities		516,780.0		477,874.0	8.1
5. Total assets and liabilities of development banks (million pesos)	1991		1990		
Total assets		12,253.5		11,251.3	8.9
Total liabilities		10,326.7		9,323.5	10.8
Chapter 17. PUBLIC ORDER, SAFETY AND JUSTICE					
1. Total Index Crime	1990		1989		
Philippines		222.6		249.1	(10.6)
Metro Manila		266.0		296.0	(10.1)
Outside Metro Manila		216.2		242.2	(10.7)
2. Traffic Accidents Incidence	1990	53,723	1989	47,903	12.1
3. Fire Incidence	1991	8,062	1990	7,309	10.3
4. Number of Policemen	1990	55,072	1989	53,300	3.3
5. Number of Firemen	1990	9,015	1989	8,563	5.3
6. Inflow & Outflow of Cases	1991		1990		
Inflow		360,556		360,556	0.0
Outflow		381,621		381,621	0.0
Pending		271,845		271,062	0.3
Chapter 18. SCIENCE AND TECHNOLOGY					
1. Number of Patented Local Inventors	1990	386	1989	387	(0.3)
2. Number of Patented Foreign Inventors	1990	1,259	1989	1,207	4.3
3. Number of Technologies Commercialized by the DOST	1991	75	1990	90	(16.7)
4. Number of R&D Projects completed by the DOST	1991	389	1990	1,696	(77.1)

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 the 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.

The chapter also provides population estimates for the country, by sex and by region for the period 1980 to 2030 under three assumptions: high, medium and low. The estimates were based on the revised population projections prepared by the NSO in late 1983 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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Fig. 1.1 Population By Region, 1990

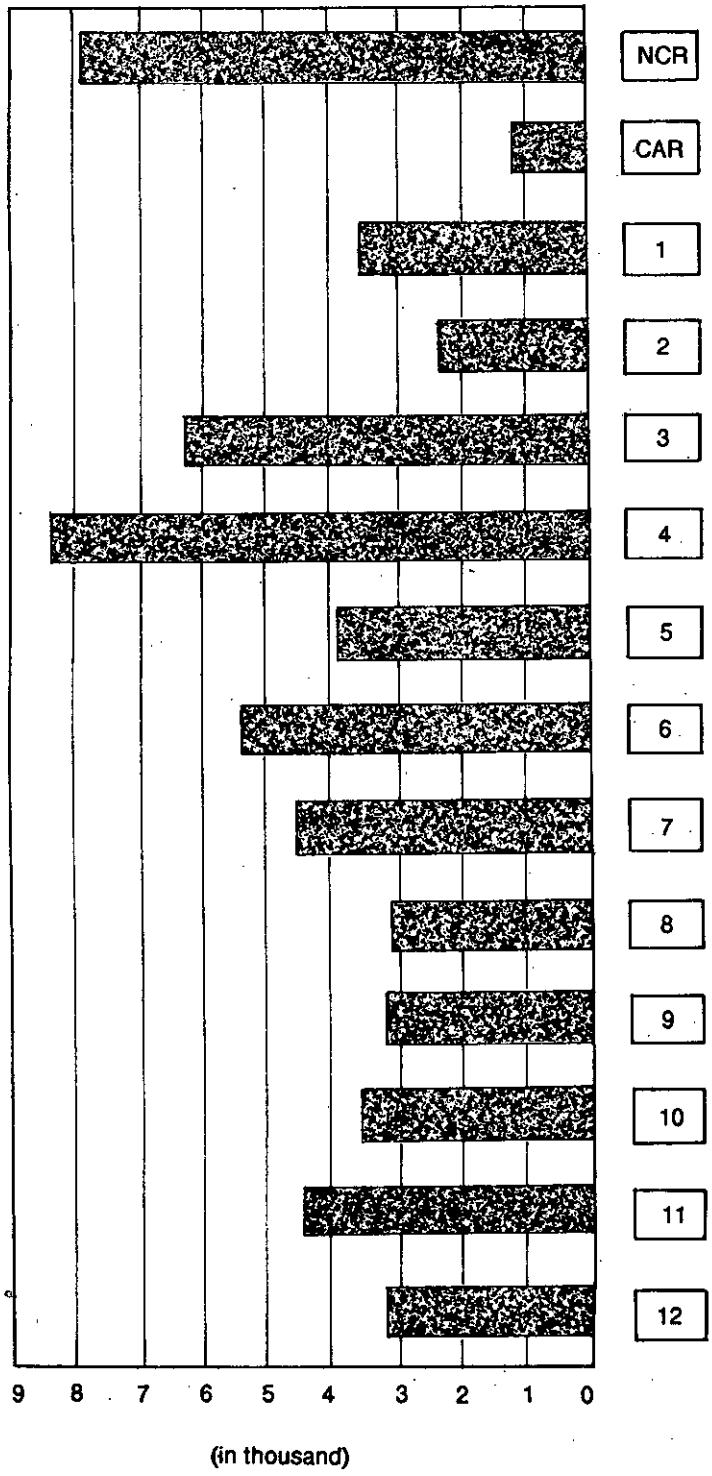

Fig. 1.2 Population Density By Region, 1990

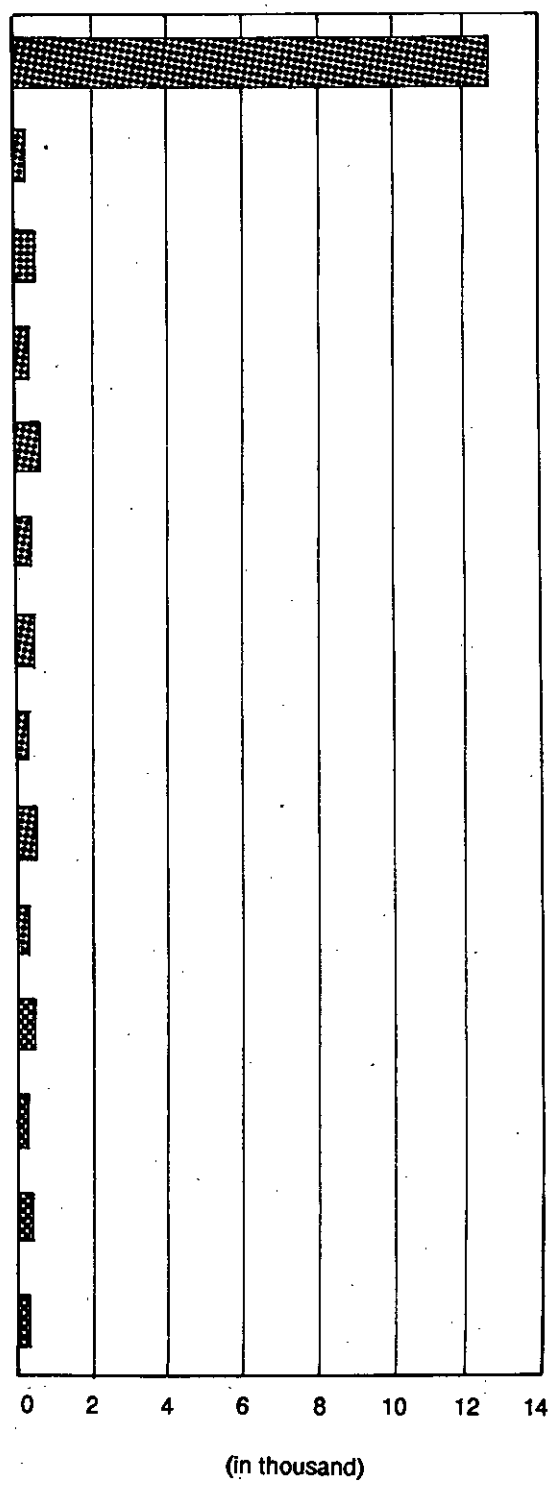

Table 1.1 – POPULATION, LAND AREA AND DENSITY

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	**60,685**	**48,098**	**42,071**	**36,684**	**27,088**	**19,234**	**16,000**
Metropolitan Manila Area (NCR)	**7,929**	**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**	**2,924**	**2,727**	**2,488**	**2,042**	**1,685**	**1,460**
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**	**1,463**	**1,035**	**669**	**600**
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	279	222	138	83	78
Quirino	114	83					

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.

1/ Excluding Valenzuela.
2/ Excluding cities and municipalities covered by Metro Manila.
3/ Includes Guimaras.
4/ Includes Biliran.

Source: National Statistics Office.

BY REGION AND PROVINCE: CENSUS YEARS 1939 to 1990

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	12,467.0	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	337.8	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	227.7	212.4	193.8	159.0	131.2	113.7
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	54.5	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 – POPULATION, LAND AREA AND DENSITY

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)
Region 3	6,199	4,803	4,210	3,615	2,525	1,837	1,568
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	138	107
Region 4	8,266	6,119	5,214	4,456	3,081	2,084	1,812
Aurora	140	107	a	a	a	a	a
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	1,116	983	653	417	359
Rizal 2/	980	556	414	307	174	106	88
Romblon	228	193	182	167	132	109	99
Region 5	3,910	3,477	3,194	2,967	2,363	1,666	1,347
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
Region 6	5,392	4,526	4,146	3,618	3,078	2,531	2,174
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
Region 7	4,593	3,787	3,387	3,033	2,523	2,120	1,954
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

BY REGION AND PROVINCE: CENSUS YEARS 1939 to 1990 (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	176.2	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
1,308.9	748.7	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 – POPULATION, LAND AREA AND DENSITY

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)
Region 8	3,055	2,800	2,600	2,381	2,041	1,764	1,462
Leyte 4/	1,487	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
Region 9	3,159	2,529	2,048	1,869	1,351	763	603
Basilan	243	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	674	588	491	409	281	168	139
Zamboanga del Sur	1,544	1,184	1,003	890	587	244	160
Region 10	3,510	2,759	2,314	1,953	1,297	922	706
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
Region 11	4,457	3,347	2,715	2,201	1,353	578	451
Davao del Norte	1,055	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
Region 12	3,171	2,271	2,070	1,941	1,383	681	484
Lanao del Norte	614	461	381	350	271	132	99
Lanao del Sur	600	405	500	456	378	212	144
Maguindanao	758	537	478	421	377	245	137
North Cotabato	764	565	472	468	279	87	50
Sultan Kudarat	436	304	239	247	78	5	54

BY REGION AND PROVINCE: CENSUS YEARS 1939 to 1990 (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	237.2	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	168.7	135.3	109.6	100.0	72.3	40.8	32.3
1,372.2	177.1	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	101.8	88.8	74.1	61.9	42.5	25.3	21.0
8,052.0	191.8	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	140.6	105.6	85.6	69.4	42.7	18.2	14.2
8,129.8	129.8	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

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.

BY CITY: CENSUS YEARS 1948 to 1990

(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 – POPULATION, LAND AREA AND DENSITY

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

BY CITY: CENSUS YEARS 1948 to 1990 (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 – MIDYEAR (1 JULY) POPULATION ESTIMATES BY URBAN AND RURAL RESIDENCE (continued)
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 – POPULATION BY AGE GROUP AND SEX

Age group	Philippines			
	Both Sexes	Male	Female	Both Sexes
All ages	60,559,116	30,443,187	30,115,929	29,426,025
Under 1 year ...	1,817,270	929,641	887,629	842,164
1- 4	6,649,703	3,412,875	3,236,828	2,990,580
5- 9	8,061,008	4,125,409	3,935,599	3,618,963
10-14	7,465,732	3,799,408	3,666,324	3,398,141
15-19	6,640,651	3,320,861	3,319,790	3,253,337
20-24	5,768,324	2,866,206	2,902,118	3,026,741
25-29	4,945,251	2,459,263	2,485,988	2,610,437
30-34	4,201,047	2,110,812	2,090,235	2,232,974
35-39	3,501,621	1,768,532	1,733,089	1,838,961
40-44	2,753,843	1,389,855	1,363,988	1,441,874
45-49	2,221,488	1,113,345	1,108,143	1,081,427
50-54	1,905,648	944,837	960,811	920,724
55-59	1,439,403	705,646	733,757	684,410
60-64	1,127,881	547,008	580,873	533,050
65-69	807,620	376,777	430,843	372,747
70-74	595,339	264,981	330,358	286,488
75 and over	657,287	307,731	349,556	293,007

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

Source: National Statistics Office.

BY REGION, URBAN–RURAL: 1990

Urban		Rural		
Male	Female	Both Sexes	Male	Female
14,539,537	14,886,488	31,133,091	15,903,650	15,229,441
432,054	410,110	975,106	497,587	477,519
1,541,348	1,449,232	3,659,123	1,871,527	1,787,596
1,853,632	1,765,331	4,442,045	2,271,777	2,170,268
1,710,253	1,687,888	4,067,591	2,089,155	1,978,436
1,554,613	1,698,724	3,387,314	1,766,248	1,621,066
1,450,413	1,576,328	2,741,583	1,415,793	1,325,790
1,266,726	1,343,711	2,334,814	1,192,537	1,142,277
1,103,230	1,129,744	1,968,073	1,007,582	960,491
918,843	920,118	1,662,660	849,689	812,971
724,583	717,291	1,311,969	665,272	646,697
538,034	543,393	1,140,061	575,311	564,750
450,116	470,608	984,924	494,721	490,203
328,718	355,692	754,993	376,928	378,065
252,048	281,002	594,831	294,960	299,871
166,510	206,237	434,873	210,267	224,606
113,205	173,283	308,851	151,776	157,075
135,211	157,796	364,280	172,520	191,760

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group and region	Metropolitan Manila Area (National Capital Region)			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (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 – POPULATION BY AGE GROUP AND SEX

Age group and region	Cordillera Administrative Region (CAR) Both Sexes	Male	Female	Both Sexes
All ages	1,141,141	577,366	563,775	357,326
Under 1 year ...	35,496	18,081	17,415	10,470
1– 4	127,910	65,362	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	106,443	54,184	52,259	36,194
25–29	92,270	48,170	44,100	30,133
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	18,404	6,601	11,803	9,081

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
177,043	180,283	783,785	400,323	383,462
5,408	5,062	25,026	12,673	12,353
19,335	18,233	90,342	46,027	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	17,855	70,249	35,845	34,404
15,999	14,134	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	7,474	9,293	4,994	4,299

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 1			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (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 – POPULATION BY AGE GROUP AND SEX

Age group	Region 2			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	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 – POPULATION BY AGE GROUP AND SEX

Age group	Region 3			
	Both Sexes	Male	Female	Both Sexes
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	385,272
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

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
1,863,319	1,868,754 0	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 – POPULATION BY AGE GROUP AND SEX

Age group	Region 4			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
2,101,130	2,112,091	4,033,899	2,066,276	1,966,500
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	174,454
180,483	186,098	306,844	158,479	148,365
162,344	163,803	267,256	137,611	129,645
138,249	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	62,073
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	23,880

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 5			
	Both Sexes	Male	Female	Both Sexes
All ages	3,904,552	1,984,841	1,919,711	1,214,434
Under 1 year ...	124,279	63,739	60,540	34,858
1- 4	471,181	242,618	228,563	130,460
5- 9	574,057	294,713	279,344	165,349
10-14	539,059	277,594	261,465	159,536
15-19	422,951	221,743	201,208	135,872
20-24	324,601	166,869	157,732	106,774
25-29	261,940	132,632	129,308	86,134
30-34	228,736	114,744	113,992	75,433
35-39	194,634	97,470	97,164	64,860
40-44	166,574	82,617	83,957	56,233
45-49	145,866	72,497	73,369	47,660
50-54	124,845	61,135	63,710	40,682
55-59	97,126	47,447	49,679	31,960
60-64	82,646	40,042	42,604	27,851
65-69	56,270	27,036	29,234	19,207
70-74	41,541	19,398	22,143	13,926
75 and over	48,246	22,547	25,699	17,639

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
604,773	609,661	2,690,118	1,380,068	1,310,050
17,871	16,987	89,421	45,868	43,553
67,545	62,915	340,721	175,073	165,648
84,622	80,727	408,708	210,091	198,617
80,643	78,893	379,523	196,951	182,572
68,171	67,701	287,079	153,572	133,507
53,494	53,280	217,827	113,375	104,452
42,643	43,491	175,806	89,989	85,817
37,345	38,088	153,303	77,399	75,904
32,012	32,848	129,774	65,458	64,316
27,463	28,770	110,341	55,154	55,187
23,254	24,406	98,206	49,243	48,963
19,520	21,162	84,163	41,615	42,548
15,048	16,912	65,166	32,399	32,767
12,997	14,854	54,795	27,045	27,750
8,685	10,522	37,063	18,351	18,712
5,905	8,021	27,615	13,493	14,122
7,555	10,084	30,607	14,992	15,615

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 6			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (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 – POPULATION BY AGE GROUP AND SEX

Age group	Region 7			
	Both Sexes	Male	Female	Both Sexes
All ages	4,582,180	2,291,584	2,290,596	1,851,334
Under 1 year ...	142,195	72,573	69,622	54,832
1– 4	494,311	253,988	240,323	184,728
5– 9	599,979	306,986	292,993	225,131
10–14	561,894	286,311	275,583	212,387
15–19	498,054	250,666	247,388	210,826
20–24	416,091	208,403	207,688	189,388
25–29	352,908	175,464	177,444	158,867
30–34	298,942	149,015	149,927	133,476
35–39	252,322	125,541	126,781	110,161
40–44	201,168	99,632	101,536	86,648
45–49	177,787	86,995	90,792	70,455
50–54	157,282	75,410	81,872	60,302
55–59	124,654	59,179	65,475	46,413
60–64	102,651	48,794	53,857	37,419
65–69	75,602	34,706	40,896	26,717
70–74	56,271	26,270	30,001	19,152
75 and over	70,069	31,651	38,418	24,432

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
911,559	939,775	2,730,846	1,380,025	1,350,821
28,147	26,685	87,363	44,426	42,937
95,587	89,141	309,583	158,401	151,182
115,224	109,907	374,848	191,762	183,086
106,322	106,065	349,507	179,989	169,518
100,520	110,306	287,228	150,146	137,082
91,405	97,983	226,703	116,998	109,705
77,599	81,268	194,041	97,865	96,176
65,877	67,599	165,466	83,138	82,328
54,571	55,590	142,161	70,970	71,191
42,919	43,729	114,520	56,713	57,807
34,436	36,019	107,332	52,559	54,773
28,789	31,513	96,980	46,621	50,359
21,860	24,553	78,241	37,319	40,922
17,531	19,888	65,232	31,263	33,969
11,903	14,814	48,885	22,803	26,082
8,468	10,684	37,119	17,802	19,317
10,401	14,031	45,637	21,250	24,387

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 8			
	Both Sexes	Male	Female	Both Sexes
All ages	3,048,691	1,556,966	1,491,725	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	41,249	19,310	21,939	15,174

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
475,193	475,715	2,097,783	1,081,773	1,016,010
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	26,075	12,782	13,293

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 9			
	Both Sexes	Male	Female	Both Sexes
All ages	3,152,654	1,594,623	1,558,031	968,388
Under 1 year ...	89,357	45,346	44,011	27,136
1- 4	356,806	181,307	175,499	103,539
5- 9	451,830	230,541	221,289	128,172
10-14	417,557	212,871	204,686	121,156
15-19	374,641	185,745	188,896	115,099
20-24	291,137	144,023	147,114	94,077
25-29	252,297	124,622	127,675	81,082
30-34	206,191	103,817	102,374	68,507
35-39	182,340	92,625	89,715	59,412
40-44	135,867	69,316	66,551	43,881
45-49	116,592	59,624	56,968	35,535
50-54	91,301	47,544	43,757	28,438
55-59	65,801	34,270	31,531	20,693
60-64	49,224	25,694	23,530	16,265
65-69	30,750	15,735	15,015	10,591
70-74	20,129	10,700	9,429	7,027
75 and over	20,834	10,843	9,991	7,778

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
483,071	485,317	2,184,266	1,111,552	1,072,714
13,907	13,229	62,221	31,439	30,782
52,958	50,581	253,267	128,349	124,918
65,357	62,815	323,658	165,184	158,474
60,947	60,209	296,401	151,924	144,477
54,648	60,451	259,542	131,097	128,445
45,408	48,669	197,060	98,615	98,445
39,526	41,556	171,215	85,096	86,119
34,064	34,443	137,684	69,753	67,931
30,359	29,053	122,928	62,266	60,662
22,457	21,424	91,986	46,859	45,127
18,071	17,464	81,057	41,553	39,504
14,453	13,985	62,863	33,091	29,772
10,405	10,288	45,108	23,865	21,243
8,158	8,107	32,959	17,536	15,423
5,138	5,453	20,159	10,597	9,562
3,484	3,543	13,102	7,216	5,886
3,731	4,047	13,056	7,112	5,944

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 10			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (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 – POPULATION BY AGE GROUP AND SEX

Age group	Region 11			
	Both Sexes	Male	Female	Both Sexes
All ages	4,412,138	2,252,084	2,160,054	2,071,540
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	318,309	162,900	155,409	138,277
30–34	303,995	155,803	148,192	153,780
35–39	249,706	128,979	120,727	126,350
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	33,881	17,898	15,983	17,262

BY REGION, URBAN–RURAL: 1990 (continued)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
1,037,098	1,034,442	2,340,598	1,214,986	1,125,612
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
68,649	69,628	180,032	94,251	85,781
76,925	76,855	150,215	78,878	71,337
64,228	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
8,964	8,298	16,619	8,934	7,685

Table 1.4 – POPULATION BY AGE GROUP AND SEX

Age group	Region 12			
	Both Sexes	Male	Female	Both Sexes
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

BY REGION, URBAN–RURAL: 1990 (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 1799–1990

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	60,684,887	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.

Fig. 1.3 Distribution of Registered Filipino Migrants By Sex, 1982 – 1991

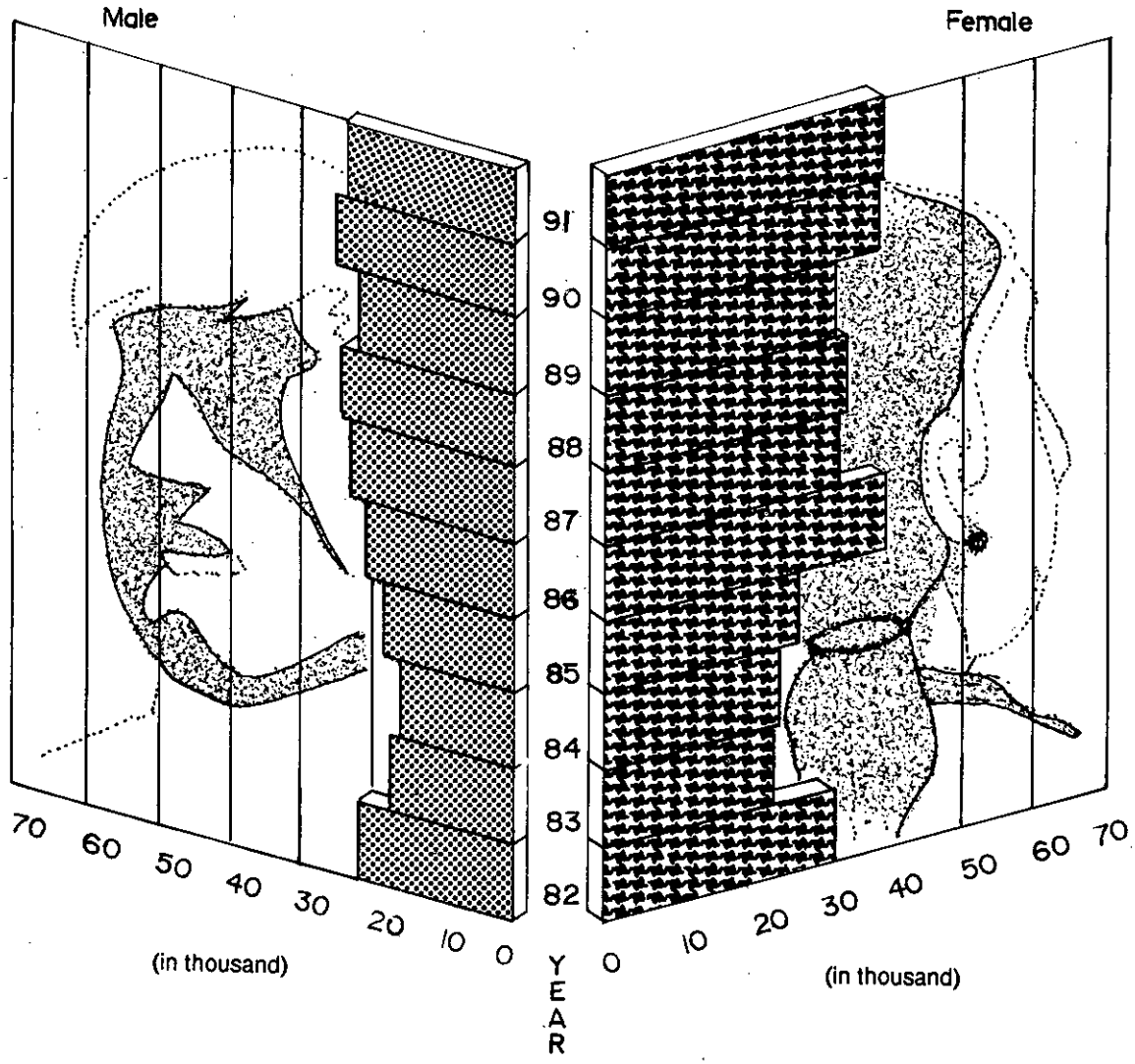

Table 1.6 – SEX RATIO OF THE POPULATION

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.

BY REGION: CENSUS YEARS 1970 to 1990

	1980			1990		
Males per 100 females	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	2,265,760	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 PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	48,317	24,232	24,085	5,970	2,872	3,098
1981	49,530	24,843	24,687	6,155	2,957	3,197
1982	50,757	25,462	25,295	6,343	3,045	3,298
1983	51,994	26,086	25,908	6,534	3,134	3,400
1984	53,239	26,714	26,525	6,728	3,225	3,504
1985	54,488	27,345	27,143	6,924	3,316	3,608
1986	55,738	27,976	27,762	7,120	3,409	3,712
1987	56,985	28,606	28,379	7,316	3,501	3,815
1988	58,225	29,233	28,992	7,510	3,592	3,918
1989	59,455	29,854	29,601	7,702	3,682	4,020
1990	60,671	30,469	30,202	7,891	3,771	4,119
1991	61,868	31,074	30,794	8,075	3,858	4,217
1992	63,045	31,669	31,376	8,256	3,943	4,313
1993	64,197	32,252	31,945	8,432	4,026	4,406
1994	65,321	32,821	32,500	8,603	4,106	4,497
1995	66,416	33,375	33,041	8,770	4,184	4,586
1996	67,476	33,912	33,564	8,931	4,259	4,672
1997	68,500	34,431	34,069	9,086	4,331	4,755
1998	69,483	34,929	34,554	9,236	4,401	4,835
1999	70,424	35,406	35,018	9,381	4,468	4,913
2000	71,320	35,860	35,460	9,521	4,533	4,988

Source: National Statistics Office.

BY SEX AND BY REGION: 1980 to 2030
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
3,543	1,763	1,780	2,227	1,134	1,093
3,611	1,798	1,813	2,283	1,162	1,120
3,681	1,834	1,846	2,339	1,191	1,147
3,750	1,870	1,880	2,396	1,221	1,175
3,820	1,906	1,914	2,454	1,250	1,203
3,890	1,943	1,947	2,512	1,280	1,232
3,960	1,979	1,981	2,571	1,311	1,261
4,030	2,015	2,015	2,630	1,341	1,289
4,099	2,051	2,048	2,689	1,371	1,318
4,168	2,086	2,081	2,748	1,401	1,346
4,236	2,121	2,114	2,806	1,431	1,375
4,302	2,156	2,146	2,863	1,461	1,403
4,367	2,189	2,178	2,920	1,490	1,430
4,430	2,222	2,208	2,976	1,519	1,458
4,492	2,254	2,238	3,031	1,547	1,484
4,551	2,285	2,266	3,085	1,574	1,510
4,607	2,314	2,293	3,137	1,601	1,535
4,661	2,342	2,319	3,187	1,627	1,560
4,712	2,368	2,344	3,236	1,652	1,583
4,760	2,393	2,367	3,282	1,676	1,606
4,805	2,416	2,388	3,327	1,699	1,627

Table 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	72,200	36,307	35,893	9,657	4,596	5,061
2002	73,094	36,759	36,333	9,794	4,659	5,134
2003	74,003	37,222	36,781	9,930	4,722	5,208
2004	74,925	37,690	37,235	10,066	4,786	5,280
2005	75,859	38,164	37,695	10,201	4,849	5,352
2006	76,803	38,644	38,159	10,336	4,912	5,424
2007	77,756	39,128	38,628	10,470	4,974	5,495
2008	78,717	39,616	39,101	10,603	5,037	5,566
2009	79,683	40,107	39,576	10,735	5,099	5,635
2010	80,654	40,600	40,053	10,865	5,161	5,704
2011	81,626	41,094	40,531	10,994	5,222	5,772
2012	82,596	41,588	41,008	11,120	5,283	5,838
2013	83,562	42,080	41,482	11,244	5,342	5,902
2014	84,521	42,568	41,953	11,366	5,400	5,965
2015	85,471	43,052	42,420	11,483	5,457	6,026
2016	86,408	43,530	42,878	11,597	5,512	6,085
2017	87,331	44,001	43,330	11,708	5,566	6,142
2018	88,237	44,464	43,773	11,814	5,617	6,196
2019	89,124	44,917	44,207	11,915	5,667	6,248
2020	89,988	45,359	44,629	12,011	5,714	6,297
2021	90,828	45,789	45,039	12,101	5,759	6,343
2022	91,641	46,206	45,434	12,186	5,801	6,385
2023	92,425	46,609	45,816	12,264	5,840	6,424
2024	93,180	46,998	46,182	12,336	5,876	6,459
2025	93,906	47,373	46,533	12,401	5,910	6,491
2026	94,602	47,733	46,869	12,459	5,940	6,519
2027	95,269	48,079	47,189	12,511	5,968	6,543
2028	95,907	48,412	47,495	12,557	5,993	6,564
2029	96,517	48,731	47,786	12,596	6,016	6,581
2030	97,099	49,037	48,062	12,629	6,035	6,594

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
4,848	2,439	2,409	3,371	1,722	1,649
4,892	2,462	2,430	3,415	1,745	1,670
4,937	2,485	2,452	3,460	1,768	1,692
4,984	2,509	2,474	3,506	1,792	1,714
5,031	2,534	2,497	3,552	1,816	1,736
5,078	2,559	2,520	3,599	1,840	1,759
5,127	2,584	2,543	3,646	1,864	1,782
5,176	2,609	2,567	3,693	1,888	1,805
5,226	2,635	2,591	3,741	1,913	1,828
5,275	2,661	2,615	3,789	1,938	1,851
5,326	2,687	2,639	3,837	1,962	1,875
5,376	2,713	2,663	3,886	1,987	1,898
5,426	2,739	2,687	3,934	2,012	1,922
5,476	2,765	2,711	3,982	2,037	1,945
5,525	2,791	2,734	4,030	2,062	1,969
5,574	2,816	2,758	4,078	2,086	1,992
5,622	2,842	2,781	4,126	2,110	2,016
5,670	2,867	2,803	4,173	2,134	2,039
5,716	2,891	2,825	4,219	2,158	2,061
5,761	2,915	2,846	4,264	2,181	2,084
5,805	2,938	2,867	4,309	2,203	2,106
5,847	2,961	2,886	4,352	2,225	2,127
5,887	2,983	2,905	4,394	2,247	2,147
5,925	3,003	2,922	4,435	2,268	2,167
5,962	3,023	2,939	4,474	2,288	2,187
5,997	3,042	2,955	4,512	2,307	2,205
6,029	3,060	2,969	4,549	2,326	2,223
6,060	3,077	2,983	4,584	2,344	2,240
6,089	3,093	2,996	4,618	2,362	2,256
6,116	3,109	3,007	4,651	2,379	2,272

Table 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	4,827	2,418	2,408	6,155	3,112	3,042
1981	4,946	2,478	2,468	6,333	3,203	3,129
1982	5,067	2,540	2,528	6,513	3,295	3,218
1983	5,190	2,602	2,588	6,695	3,388	3,307
1984	5,314	2,664	2,650	6,879	3,483	3,397
1985	5,439	2,727	2,712	7,065	3,577	3,487
1986	5,565	2,791	2,774	7,251	3,673	3,578
1987	5,691	2,854	2,836	7,437	3,768	3,669
1988	5,816	2,918	2,899	7,623	3,863	3,760
1989	5,941	2,980	2,961	7,808	3,958	3,851
1990	6,065	3,043	3,022	7,992	4,052	3,940
1991	6,188	3,104	3,083	8,174	4,145	4,029
1992	6,308	3,165	3,143	8,353	4,236	4,116
1993	6,426	3,224	3,201	8,528	4,327	4,202
1994	6,541	3,283	3,259	8,700	4,415	4,285
1995	6,654	3,339	3,314	8,869	4,501	4,367
1996	6,763	3,394	3,369	9,032	4,586	4,446
1997	6,868	3,447	3,421	9,190	4,667	4,523
1998	6,969	3,498	3,471	9,343	4,746	4,597
1999	7,066	3,547	3,519	9,490	4,822	4,668
2000	7,159	3,594	3,565	9,630	4,895	4,736

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
3,489	1,771	1,718	4,538	2,272	2,266	3,796	1,887	1,909
3,572	1,814	1,758	4,645	2,326	2,319	3,872	1,928	1,945
3,656	1,857	1,799	4,752	2,380	2,372	3,950	1,968	1,982
3,739	1,900	1,839	4,860	2,434	2,425	4,027	2,009	2,018
3,823	1,943	1,880	4,967	2,488	2,478	4,105	2,050	2,055
3,907	1,986	1,921	5,073	2,542	2,531	4,182	2,090	2,092
3,991	2,029	1,962	5,179	2,596	2,583	4,259	2,131	2,128
4,075	2,072	2,003	5,284	2,649	2,635	4,335	2,171	2,165
4,158	2,115	2,043	5,387	2,701	2,686	4,411	2,211	2,200
4,241	2,157	2,084	5,488	2,752	2,736	4,485	2,250	2,236
4,323	2,200	2,124	5,588	2,803	2,785	4,559	2,288	2,270
4,404	2,241	2,163	5,685	2,852	2,833	4,630	2,326	2,304
4,484	2,282	2,202	5,779	2,899	2,879	4,700	2,363	2,337
4,561	2,321	2,240	5,870	2,946	2,924	4,768	2,398	2,369
4,637	2,360	2,277	5,958	2,990	2,968	4,833	2,433	2,400
4,710	2,398	2,312	6,042	3,033	3,009	4,896	2,467	2,430
4,781	2,434	2,347	6,122	3,074	3,048	4,957	2,499	2,458
4,849	2,469	2,380	6,198	3,112	3,086	5,015	2,530	2,485
4,915	2,503	2,412	6,270	3,149	3,121	5,070	2,559	2,511
4,977	2,535	2,442	6,336	3,183	3,154	5,122	2,587	2,535
5,035	2,565	2,470	6,398	3,214	3,184	5,171	2,613	2,558

Table 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	7,249	3,639	3,610	9,768	4,966	4,802
2002	7,341	3,685	3,655	9,909	5,039	4,870
2003	7,433	3,732	3,701	10,051	5,112	4,939
2004	7,526	3,779	3,747	10,195	5,187	5,008
2005	7,620	3,826	3,794	10,341	5,262	5,078
2006	7,714	3,874	3,841	10,488	5,338	5,150
2007	7,809	3,922	3,888	10,636	5,415	5,221
2008	7,904	3,970	3,934	10,786	5,492	5,294
2009	8,000	4,018	3,982	10,936	5,570	5,366
2010	8,095	4,066	4,029	11,087	5,648	5,439
2011	8,190	4,114	4,076	11,238	5,725	5,512
2012	8,284	4,162	4,122	11,388	5,803	5,585
2013	8,378	4,209	4,168	11,537	5,880	5,657
2014	8,469	4,256	4,214	11,684	5,956	5,729
2015	8,560	4,302	4,258	11,830	6,031	5,799
2016	8,648	4,347	4,301	11,973	6,104	5,869
2017	8,735	4,391	4,344	12,114	6,177	5,937
2018	8,820	4,435	4,385	12,251	6,248	6,003
2019	8,902	4,477	4,425	12,385	6,316	6,068
2020	8,981	4,518	4,463	12,514	6,383	6,131
2021	9,057	4,557	4,500	12,639	6,448	6,192
2022	9,130	4,595	4,535	12,760	6,510	6,250
2023	9,199	4,631	4,568	12,875	6,569	6,306
2024	9,265	4,666	4,600	12,986	6,626	6,359
2025	9,328	4,698	4,629	13,091	6,681	6,410
2026	9,386	4,729	4,657	13,191	6,733	6,458
2027	9,441	4,758	4,683	13,286	6,782	6,504
2028	9,493	4,786	4,707	13,376	6,829	6,547
2029	9,541	4,811	4,729	13,461	6,873	6,588
2030	9,585	4,835	4,749	13,541	6,915	6,626

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
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Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
5,093	2,594	2,498	6,458	3,245	3,213	5,219	2,639	2,580
5,152	2,625	2,527	6,520	3,276	3,244	5,267	2,665	2,602
5,213	2,656	2,557	6,582	3,308	3,274	5,317	2,692	2,625
5,276	2,689	2,587	6,647	3,341	3,306	5,368	2,719	2,649
5,341	2,722	2,619	6,713	3,374	3,338	5,420	2,747	2,673
5,407	2,756	2,651	6,780	3,408	3,371	5,472	2,775	2,697
5,474	2,791	2,684	6,848	3,443	3,405	5,526	2,803	2,722
5,543	2,826	2,717	6,917	3,478	3,439	5,579	2,832	2,747
5,613	2,862	2,751	6,986	3,513	3,473	5,634	2,861	2,773
5,685	2,899	2,786	7,057	3,549	3,508	5,689	2,890	2,799
5,757	2,936	2,821	7,128	3,585	3,543	5,744	2,920	2,824
5,830	2,973	2,857	7,199	3,621	3,578	5,799	2,949	2,850
5,904	3,011	2,893	7,270	3,657	3,613	5,854	2,978	2,876
5,978	3,049	2,929	7,340	3,692	3,648	5,908	3,007	2,901
6,052	3,087	2,965	7,411	3,728	3,683	5,962	3,035	2,926
6,127	3,125	3,002	7,480	3,763	3,717	6,014	3,064	2,951
6,201	3,163	3,038	7,549	3,797	3,751	6,066	3,091	2,975
6,275	3,200	3,074	7,616	3,832	3,785	6,117	3,118	2,999
6,348	3,238	3,110	7,683	3,865	3,818	6,166	3,145	3,022
6,421	3,275	3,146	7,747	3,897	3,850	6,214	3,171	3,044
6,493	3,311	3,182	7,810	3,929	3,881	6,261	3,196	3,065
6,564	3,347	3,216	7,871	3,960	3,911	6,306	3,220	3,086
6,633	3,383	3,251	7,929	3,989	3,940	6,349	3,244	3,105
6,702	3,417	3,284	7,986	4,018	3,968	6,390	3,267	3,124
6,769	3,452	3,317	8,040	4,045	3,995	6,430	3,288	3,141
6,835	3,485	3,349	8,093	4,071	4,021	6,467	3,309	3,158
6,900	3,519	3,381	8,142	4,097	4,046	6,503	3,330	3,174
6,963	3,551	3,412	8,190	4,121	4,069	6,538	3,349	3,189
7,026	3,583	3,443	8,236	4,144	4,092	6,570	3,368	3,202
7,088	3,615	3,473	8,280	4,166	4,114	6,601	3,386	3,215

Table 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
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Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	2,805	1,427	1,378	2,547	1,290	1,256
1981	2,857	1,454	1,402	2,608	1,321	1,287
1982	2,908	1,482	1,427	2,669	1,352	1,317
1983	2,960	1,509	1,451	2,731	1,383	1,347
1984	3,012	1,536	1,475	2,792	1,414	1,377
1985	3,063	1,564	1,499	2,853	1,445	1,407
1986	3,114	1,591	1,523	2,913	1,476	1,437
1987	3,165	1,618	1,547	2,974	1,506	1,467
1988	3,216	1,645	1,571	3,033	1,536	1,497
1989	3,267	1,672	1,595	3,092	1,566	1,526
1990	3,317	1,699	1,619	3,150	1,595	1,555
1991	3,367	1,725	1,642	3,207	1,624	1,583
1992	3,416	1,751	1,665	3,263	1,652	1,611
1993	3,465	1,777	1,687	3,318	1,680	1,638
1994	3,512	1,802	1,709	3,372	1,707	1,665
1995	3,558	1,827	1,731	3,424	1,733	1,690
1996	3,603	1,851	1,752	3,475	1,759	1,716
1997	3,646	1,874	1,772	3,523	1,784	1,740
1998	3,688	1,897	1,791	3,570	1,807	1,763
1999	3,727	1,918	1,809	3,615	1,830	1,785
2000	3,764	1,938	1,826	3,658	1,852	1,806

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2,773	1,409	1,364	3,368	1,723	1,645	2,278	1,152	1,126
2,851	1,449	1,402	3,458	1,769	1,690	2,340	1,183	1,157
2,929	1,489	1,440	3,549	1,815	1,735	2,401	1,214	1,187
3,008	1,530	1,479	3,640	1,861	1,780	2,464	1,245	1,218
3,088	1,570	1,517	3,732	1,907	1,825	2,526	1,277	1,249
3,168	1,611	1,556	3,823	1,953	1,870	2,589	1,309	1,280
3,248	1,653	1,595	3,914	1,999	1,915	2,652	1,340	1,311
3,328	1,694	1,634	4,005	2,045	1,960	2,715	1,372	1,343
3,408	1,735	1,673	4,096	2,091	2,005	2,778	1,404	1,374
3,488	1,777	1,711	4,186	2,136	2,049	2,840	1,435	1,405
3,567	1,818	1,749	4,275	2,181	2,093	2,902	1,466	1,436
3,646	1,859	1,787	4,363	2,226	2,137	2,964	1,497	1,467
3,725	1,900	1,825	4,449	2,270	2,180	3,025	1,528	1,497
3,802	1,940	1,862	4,535	2,313	2,222	3,086	1,558	1,528
3,878	1,980	1,898	4,619	2,355	2,263	3,146	1,588	1,557
3,953	2,019	1,934	4,701	2,397	2,304	3,205	1,618	1,587
4,026	2,057	1,969	4,781	2,437	2,343	3,262	1,647	1,615
4,098	2,095	2,003	4,858	2,476	2,382	3,319	1,675	1,643
4,168	2,131	2,037	4,933	2,514	2,419	3,373	1,703	1,671
4,235	2,167	2,069	5,005	2,551	2,454	3,427	1,730	1,697
4,301	2,201	2,100	5,074	2,586	2,488	3,478	1,755	1,723

Table 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In

Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	3,801	1,958	1,843	3,700	1,873	1,827
2002	3,839	1,978	1,861	3,742	1,894	1,848
2003	3,878	2,000	1,879	3,786	1,916	1,870
2004	3,919	2,021	1,897	3,830	1,939	1,891
2005	3,960	2,043	1,916	3,875	1,961	1,914
2006	4,002	2,066	1,936	3,920	1,984	1,936
2007	4,045	2,089	1,956	3,966	2,007	1,958
2008	4,089	2,113	1,976	4,012	2,031	1,981
2009	4,133	2,137	1,997	4,058	2,054	2,004
2010	4,179	2,161	2,018	4,104	2,077	2,027
2011	4,224	2,185	2,039	4,150	2,101	2,049
2012	4,271	2,210	2,061	4,196	2,124	2,072
2013	4,318	2,235	2,083	4,242	2,147	2,095
2014	4,366	2,261	2,105	4,287	2,170	2,117
2015	4,414	2,286	2,128	4,331	2,193	2,139
2016	4,462	2,312	2,150	4,375	2,215	2,160
2017	4,511	2,337	2,173	4,418	2,237	2,181
2018	4,559	2,363	2,196	4,460	2,258	2,202
2019	4,608	2,389	2,219	4,501	2,279	2,222
2020	4,656	2,415	2,242	4,541	2,299	2,242
2021	4,705	2,440	2,265	4,580	2,319	2,261
2022	4,753	2,466	2,287	4,617	2,338	2,279
2023	4,801	2,491	2,310	4,653	2,356	2,297
2024	4,849	2,517	2,332	4,688	2,374	2,313
2025	4,897	2,542	2,355	4,721	2,391	2,330
2026	4,944	2,567	2,377	4,753	2,407	2,345
2027	4,992	2,592	2,400	4,783	2,423	2,360
2028	5,039	2,617	2,422	4,812	2,438	2,374
2029	5,086	2,642	2,444	4,840	2,452	2,388
2030	5,134	2,667	2,466	4,867	2,466	2,401

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
4,365	2,235	2,130	5,142	2,620	2,522	3,529	1,781	1,748
4,431	2,269	2,162	5,211	2,655	2,556	3,581	1,807	1,774
4,497	2,304	2,193	5,283	2,691	2,592	3,635	1,834	1,800
4,565	2,339	2,226	5,355	2,728	2,627	3,689	1,862	1,827
4,633	2,375	2,258	5,429	2,765	2,664	3,745	1,890	1,855
4,702	2,410	2,292	5,504	2,803	2,701	3,802	1,919	1,883
4,772	2,446	2,325	5,580	2,842	2,738	3,859	1,948	1,911
4,841	2,483	2,359	5,657	2,880	2,776	3,917	1,977	1,940
4,912	2,519	2,393	5,734	2,920	2,814	3,976	2,007	1,969
4,982	2,555	2,427	5,812	2,959	2,853	4,036	2,037	1,999
5,052	2,591	2,461	5,890	2,999	2,892	4,095	2,067	2,028
5,122	2,627	2,495	5,969	3,039	2,930	4,156	2,098	2,058
5,192	2,663	2,529	6,048	3,079	2,969	4,216	2,129	2,088
5,261	2,698	2,563	6,126	3,118	3,008	4,277	2,159	2,118
5,330	2,733	2,597	6,205	3,158	3,046	4,338	2,190	2,148
5,397	2,767	2,630	6,282	3,198	3,085	4,398	2,221	2,177
5,464	2,801	2,663	6,359	3,237	3,122	4,459	2,252	2,207
5,529	2,834	2,695	6,436	3,276	3,160	4,519	2,282	2,236
5,593	2,866	2,727	6,511	3,314	3,197	4,578	2,312	2,266
5,655	2,897	2,758	6,584	3,351	3,233	4,637	2,342	2,295
5,716	2,928	2,788	6,657	3,388	3,269	4,695	2,372	2,323
5,775	2,957	2,818	6,728	3,424	3,303	4,752	2,401	2,351
5,832	2,986	2,846	6,797	3,460	3,338	4,809	2,430	2,379
5,888	3,013	2,874	6,865	3,495	3,371	4,864	2,458	2,406
5,941	3,040	2,902	6,932	3,528	3,404	4,919	2,486	2,433
5,993	3,065	2,928	6,997	3,562	3,436	4,973	2,514	2,459
6,044	3,090	2,954	7,061	3,594	3,467	5,027	2,541	2,486
6,092	3,113	2,979	7,123	3,625	3,497	5,079	2,568	2,511
6,139	3,136	3,003	7,184	3,656	3,527	5,131	2,595	2,537
6,184	3,157	3,026	7,243	3,687	3,556	5,182	2,621	2,562

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	48,317	24,232	24,085	5,971	2,872	3,099
1981	49,536	24,846	24.690	6,155	2,958	3,198
1982	50,783	25,475	25,308	6,345	3,046	3,299
1983	52,055	26,117	25,938	6,540	3,137	3,403
1984	53,351	26,772	26,579	6,740	3,230	3,509
1985	54,668	27,437	27,231	6,942	3,326	3,616
1986	56,004	28,112	27,891	7,147	3,423	3,725
1987	57,356	28,796	28,560	7,354	3,520	3,834
1988	58,721	29,486	29,235	7,561	3,618	3,943
1989	60,097	30,183	29,914	7,768	3,716	4,052
1990	61,480	30,883	30,598	7,974	3,814	4,160
1991	62,868	31,585	31,283	8,178	3,911	4,267
1992	64,259	32,290	31,969	8,380	4,007	4,373
1993	65,649	32,995	32,654	8,579	4,101	4,478
1994	67,038	33,699	33,339	8,776	4,195	4,582
1995	68,424	34,403	34,021	8,971	4,287	4,684
1996	69,804	35,103	34,701	9,162	4,378	4,785
1997	71,175	35,800	35,375	9,350	4,466	4,884
1998	72,536	36,492	36,044	9,535	4,554	4,981
1999	73,886	37,178	36,708	9,716	4,640	5,076
2000	75,224	37,859	37,365	9,895	4,724	5,171

Source: National Statistics Office.

BY SEX AND BY REGION: 1980 to 2030
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
3,543	1,763	1,780	2,227	1,134	1,093
3,612	1,798	1,813	2,283	1,163	1,120
3,682	1,835	1,847	2,340	1,192	1,148
3,754	1,872	1,882	2,399	1,222	1,177
3,828	1,910	1,918	2,459	1,253	1,206
3,903	1,949	1,954	2,521	1,285	1,236
3,979	1,988	1,990	2,584	1,317	1,267
4,056	2,028	2,028	2,648	1,350	1,298
4,133	2,068	2,065	2,713	1,383	1,329
4,212	2,109	2,103	2,778	1,417	1,361
4,292	2,150	2,142	2,845	1,451	1,394
4,372	2,191	2,180	2,912	1,485	1,426
4,452	2,233	2,219	2,979	1,520	1,459
4,531	2,274	2,257	3,046	1,555	1,492
4,611	2,315	2,296	3,114	1,589	1,525
4,690	2,356	2,334	3,182	1,624	1,558
4,768	2,396	2,372	3,250	1,659	1,591
4,846	2,437	2,410	3,318	1,694	1,623
4,923	2,476	2,447	3,385	1,729	1,656
4,998	2,515	2,483	3,452	1,763	1,688
5,073	2,554	2,519	3,518	1,797	1,721

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	76,545	38,531	38,014	10,071	4,808	5,263
2002	77,843	39,192	38,652	10,243	4,889	5,354
2003	79,118	39,841	39,278	10,411	4,968	5,443
2004	80,368	40,477	39,892	10,577	5,046	5,531
2005	81,591	41,099	40,492	10,738	5,122	5,616
2006	82,784	41,706	41,078	10,895	5,196	5,699
2007	83,944	42,296	41,648	11,048	5,268	5,780
2008	85,070	42,869	42,201	11,197	5,338	5,859
2009	86,158	43,422	42,736	11,342	5,406	5,936
2010	87,206	43,955	43,251	11,481	5,472	6,009
2011	88,239	44,479	43,760	11,618	5,536	6,082
2012	89,279	45,008	44,271	11,754	5,601	6,153
2013	90,325	45,541	44,784	11,888	5,664	6,224
2014	91,376	46,076	45,300	12,022	5,728	6,294
2015	92,430	46,613	45,817	9,152	2,790	6,362
2016	93,485	47,151	46,334	12,281	5,852	6,429
2017	94,540	47,690	46,850	12,407	5,913	6,494
2018	95,592	48,227	47,365	12,530	5,972	6,558
2019	96,641	48,763	47,878	12,649	6,030	6,619
2020	97,682	49,296	48,386	9,765	3,087	6,678
2021	98,714	49,824	48,890	12,876	6,141	6,735
2022	99,734	50,347	49,387	12,982	6,194	6,788
2023	100,738	50,864	49,874	13,083	6,244	6,839
2024	101,723	51,370	50,353	13,177	6,291	6,886
2025	102,686	51,867	50,820	13,265	6,336	6,929
2026	103,627	52,353	51,274	13,347	6,378	6,969
2027	104,543	52,830	51,718	13,422	6,418	7,005
2028	105,433	53,289	52,144	13,491	6,454	7,036
2029	106,294	53,737	52,557	13,553	6,488	7,065
2030	107,124	54,170	52,953	13,607	6,518	7,089

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
5,146	2,592	2,554	3,583	1,831	1,752
5,218	2,629	2,589	3,648	1,864	1,784
5,287	2,665	2,621	3,711	1,897	1,814
5,355	2,700	2,655	3,774	1,929	1,845
5,421	2,734	2,687	3,835	1,961	1,874
5,486	2,768	2,718	3,894	1,991	1,903
5,548	2,800	2,748	3,952	2,021	1,931
5,608	2,831	2,777	4,009	2,050	1,959
5,666	2,861	2,805	4,063	2,078	1,985
5,721	2,889	2,832	4,117	2,106	2,011
5,775	2,917	2,858	4,168	2,132	2,036
5,829	2,945	2,884	4,222	2,160	2,062
5,884	2,974	2,910	4,275	2,187	2,088
5,940	3,003	2,937	4,329	2,215	2,114
6,995	3,032	3,963	4,383	2,242	2,141
6,051	3,061	2,990	4,437	2,270	2,167
6,108	3,091	3,017	4,492	2,298	2,194
6,163	3,120	3,043	4,547	2,326	2,221
6,220	3,150	3,070	4,602	2,354	2,248
6,275	3,179	3,096	4,656	2,382	2,274
6,331	3,209	3,122	4,712	2,410	2,301
6,385	3,237	3,148	4,766	2,438	2,328
6,439	3,266	3,173	4,819	2,465	2,354
6,491	3,294	3,197	4,872	2,492	2,380
6,542	3,321	3,221	4,924	2,519	2,405
6,591	3,347	3,244	4,974	2,545	2,430
6,639	3,373	3,266	5,024	2,571	2,453
6,684	3,398	3,286	5,072	2,595	2,477
6,728	3,422	3,306	5,119	2,620	2,499
6,770	3,445	3,325	5,164	2,643	2,521

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	4,827	2,418	2,409	6,155	3,112	3,042
1981	4,947	2,479	2,468	6,333	3,204	3,130
1982	5,070	2,541	2,529	6,516	3,297	3,219
1983	5,196	2,605	2,592	6,703	3,393	3,311
1984	5,325	2,670	2,655	6,895	3,490	3,404
1985	5,456	2,736	2,720	7,089	3,590	3,499
1986	5,590	2,804	2,786	7,287	3,691	3,596
1987	5,726	2,872	2,853	7,488	3,794	3,694
1988	5,863	2,941	2,922	7,692	3,898	3,794
1989	6,002	3,011	2,990	7,897	4,003	3,894
1990	6,142	3,082	3,060	8,105	4,109	3,995
1991	6,282	3,153	3,129	8,313	4,216	4,097
1992	6,423	3,224	3,199	8,522	4,323	4,199
1993	6,564	3,295	3,269	8,732	4,431	4,301
1994	6,704	3,366	3,338	8,942	4,539	4,403
1995	6,844	3,437	3,407	9,152	4,646	4,505
1996	6,984	3,507	3,476	9,361	4,754	4,607
1997	7,122	3,577	3,545	9,570	4,861	4,708
1998	7,259	3,647	3,612	9,777	4,968	4,809
1999	7,395	3,715	3,679	9,983	5,074	4,909
2000	7,52S	3,783	3,746	10,188	5,180	5,008

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
3,489	1,771	1,718	4,538	2,272	2,266	3,796	1,887	1,909
3,572	1,814	1,758	4,645	2,326	2,319	3,873	1,928	1,945
3,658	1,858	1,800	4,756	2,382	2,374	3,952	1,969	1,982
3,744	1,902	1,842	4,866	2,438	2,428	4,032	2,011	2,020
3,832	1,948	1,884	4,979	2,494	2,484	4,113	2,054	2,059
3,922	1,993	1,928	5,092	2,552	2,540	4,195	2,097	2,098
4,012	2,040	1,972	5,207	2,610	2,597	4,278	2,141	2,138
4,104	2,087	2,017	5,323	2,669	2,654	4,362	2,184	2,178
4,198	2,135	2,063	5,439	2,727	2,712	4,446	2,229	2,218
4293 ~~4,273~~	2,184	2,089	5,556	2,786	2,769	4,531	2,273	2,258
4,388	2,232	2,156	~~5,572~~ 5,672	2,846	2,727	4,616	2,318	2,298
4,484	2,282	2,202	5,789	2,905	2,884	4,701	2,362	2,339
4,581	2,331	2,250	5,905	2,964	2,941	4,786	2,406	2,379
4,678	2,381	2,297	6,021	3,023	2,998	4,870	2,451	2,419
4,776	2,431	2,345	6,136	3,081	3,055	4,954	2,495	2,459
4,873	2,481	2,392	6,250	3,139	3,110	5,037	2,539	2,498
4,970	2,531	2,439	6,363	3,197	3,166	5,120	2,582	2,537
5,067	2,580	2,487	6,474	3,254	3,221	5,201	2,625	2,576
5,163	2,630	2,533	6,584	3,310	3,275	5,282	2,668	2,614
5,260	2,679	2,581	6,693	3,365	3,328	5,362	2,710	2,652
5,355	2,728	2,627	6,800	3,420	3,380	5,441	2,752	2,689

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	7,661	3,850	3,811	10,390	5,284	5,106
2002	7,791	3,916	3,875	10,595	5,387	5,208
2003	7,917	3,980	3,937	10,786	5,489	5,297
2004	8,041	4,043	3,998	10,978	5,588	5,390
2005	8,162	4,104	4,058	11,166	5,685	5,481
2006	8,279	4,163	4,116	11,350	5,780	5,570
2007	8,393	4,221	4,172	11,528	5,872	5,656
2008	8,504	4,277	4,227	11,702	5,962	5,740
2009	8,611	4,331	4,280	11,869	6,048	5,821
2010	8,713	4,383	4,330	12,031	6,132	5,899
2011	8,814	4,434	4,380	12,190	6,214	5,976
2012	8,914	4,484	4,430	12,350	6,296	6,054
2013	9,014	4,535	4,479	12,510	6,379	6,131
2014	9,114	4,586	4,528	12,671	6,462	6,209
2015	9,215	4,637	4,578	12,830	6,544	6,286
2016	9,313	4,687	4,626	12,991	6,627	6,364
2017	9,412	4,738	4,674	13,150	6,709	6,441
2018	9,510	4,788	4,722	13,309	6,791	6,518
2019	9,606	4,837	4,769	13,465	6,871	6,594
2020	9,701	4,886	4,815	13,621	6,952	6,669
2021	9,794	4,934	4,860	13,774	7,031	6,743
2022	9,885	4,981	4,904	13,924	7,108	6,816
2023	9,974	5,027	4,947	14,072	7,185	6,887
2024	10,060	5,072	4,988	14,216	7,259	6,957
2025	10,143	5,115	5,028	14,357	7,332	7,025
2026	10,224	5,157	5,066	14,493	7,402	7,091
2027	10,301	5,198	5,103	14,625	7,471	7,154
2028	10,374	5,236	5,137	14,752	7,537	7,215
2029	10,443	5,273	5,170	14,874	7,600	7,274
2030	10,510	5,309	5,201	14,990	7,661	7,329

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
5,449	2,776	2,673	6,905	3,473	3,432	5,518	2,793	2,725
5,542	2,824	2,718	7,008	3,526	3,482	5,594	2,833	2,761
5,633	2,870	2,762	7,108	3,577	3,531	5,668	2,872	2,796
5,722	2,916	2,806	7,206	3,627	3,579	5,740	2,910	2,830
5,810	2,961	2,849	7,302	3,676	3,626	5,811	2,948	2,863
5,895	3,005	2,890	7,394	3,723	3,671	5,879	2,984	2,895
5,978	3,048	2,930	7,483	3,768	3,715	5,947	3,020	2,927
6,059	3,089	2,970	7,569	3,812	3,757	6,010	3,054	2,956
6,136	3,129	3,007	7,650	3,853	3,797	6,071	3,086	2,985
6,212	3,168	3,044	7,728	3,893	3,835	6,131	3,118	3,013
6,286	3,206	3,080	7,805	3,932	3,873	6,189	3,149	3,040
6,361	3,245	3,116	7,882	3,971	3,911	6,247	3,180	3,067
6,439	3,285	3,154	7,961	4,011	3,950	6,307	3,212	3,095
6,517	3,325	3,192	8,040	4,051	3,989	6,366	3,243	3,123
6,597	3,366	3,231	8,119	4,091	4,028	6,425	3,275	3,150
6,679	3,408	3,271	8,200	4,132	4,068	6,484	3,307	3,178
6,761	3,450	3,311	8,279	4,172	4,107	6,544	3,338	3,205
6,845	3,493	3,352	8,360	4,213	4,147	6,603	3,370	3,233
6,929	3,536	3,393	8,441	4,254	4,187	6,662	3,402	3,260
7,014	3,579	3,435	8,521	4,294	4,227	6,720	3,433	3,287
7,101	3,623	3,477	8,601	4,334	4,266	6,778	3,464	3,314
7,187	3,667	3,519	8,680	4,374	4,305	6,835	3,495	3,341
7,274	3,712	3,562	8,758	4,414	4,344	6,892	3,525	3,367
7,361	3,756	3,605	8,835	4,453	4,382	6,947	3,555	3,392
7,447	3,800	3,647	8,910	4,491	4,419	7,000	3,584	3,416
7,533	3,844	3,689	8,985	4,529	4,456	7,053	3,613	3,440
7,618	3,888	3,731	9,058	4,566	4,492	7,104	3,641	3,463
7,703	3,931	3,772	9,128	4,601	4,527	7,153	3,668	3,485
7,787	3,974	3,813	9,197	4,636	4,561	7,201	3,695	3,506
7,869	4,016	3,853	9,264	4,670	4,594	7,246	3,720	3,526

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	2,805	1,427	1,378	2,547	1,290	1,256
1981	2,857	1,454	1,403	2,609	1,322	1,287
1982	2,910	1,482	1,427	2,671	1,353	1,318
1983	2,964	1,511	1,453	2,734	1,385	1,349
1984	3,018	1,540	1,478	2,798	1,418	1,380
1985	3,073	1,569	1,504	2,863	1,451	1,412
1986	3,129	1,598	1,530	2,928	1,484	1,445
1987	3,185	1,628	1,557	2,994	1,517	1,477
1988	3,243	1,659	1,584	3,061	1,551	1,510
1989	3,301	1,690	1,612	3,128	1,584	1,543
1990	3,360	1,721	1,640	3,195	1,618	1,577
1991	3,420	1,752	1,668	3,262	1,652	1,610
1992	3,481	1,784	1,696	3,330	1,686	1,643
1993	3,542	1,817	1,725	3,398	1,721	1,677
1994	3,603	1,849	1,754	3,466	1,755	1,711
1995	3,665	1,882	1,783	3,534	1,790	1,744
1996	3,727	1,914	1,812	3,603	1,824	1,778
1997	3,789	1,947	1,841	3,671	1,859	1,812
1998	3,850	1,980	1,871	3,739	1,893	1,845
1999	3,912	2,012	1,899	3,806	1,928	1,879
2000	3,973	2,045	1,928	3,874	1,962	1,912

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2,773	1,409	1,364	3,368	1,723	1,645	2,278	1,152	1,126
2,851	1,449	1,402	3,459	1,769	1,690	2,340	1,183	1,157
2,931	1,490	1,441	3,551	1,816	1,736	2,403	1,215	1,188
3,012	1,531	1,480	3,645	1,863	1,782	2,467	1,247	1,220
3,094	1,574	1,521	3,740	1,911	1,829	2,532	1,280	1,252
3,178	1,617	1,561	3,836	1,960	1,876	2,598	1,313	1,285
3,264	1,661	1,603	3,934	2,009	1,925	2,665	1,347	1,318
3,350	1,705	1,645	4,032	2,059	1,973	2,733	1,381	1,352
3,438	1,751	1,687	4,132	2,110	2,022	2,802	1,416	1,386
3,526	1,796	1,730	4,232	2,160	2,072	2,872	1,451	1,421
3,616	1,843	1,773	4,334	2,212	2,122	2,942	1,487	1,456
3,706	1,890	1,816	4,436	2,263	2,172	3,013	1,522	1,491
3,797	1,937	1,860	4,538	2,315	2,223	3,085	1,558	1,527
3,889	1,985	1,904	4,641	2,367	2,274	3,158	1,595	1,563
3,981	2,033	1,948	4,744	2,420	2,325	3,231	1,632	1,598
4,074	2,081	1,993	4,848	2,472	2,376	3,304	1,669	1,635
4,167	2,129	2,038	4,952	2,525	2,427	3,378	1,706	1,672
4,260	2,178	2,082	5,055	2,577	2,478	3,452	1,744	1,709
4,354	2,227	2,127	5,158	2,630	2,529	3,527	1,781	1,746
4,447	2,275	2,172	5,261	2,682	2,580	3,601	1,819	1,782
4,540	2,324	2,216	5,364	2,734	2,630	3,675	1,856	1,819

Table 1.8 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Medium Assumption – Moderate Fertility and
(In

Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	4,033	2,077	1,956	3,941	1,996	1,945
2002	4,092	2,108	1,984	4,006	2,029	1,977
2003	4,151	2,139	2,012	4,071	2,062	2,009
2004	4,207	2,169	2,038	4,134	2,094	2,040
2005	4,263	2,199	2,064	4,196	2,126	2,070
2006	4,318	2,228	2,090	4,256	2,156	2,100
2007	4,370	2,256	2,114	4,315	2,186	2,129
2008	4,422	2,284	2,138	4,370	2,214	2,156
2009	4,471	2,310	2,161	4,425	2,242	2,183
2010	4,518	2,335	2,183	4,477	2,268	2,209
2011	4,566	2,361	2,205	4,528	2,294	2,234
2012	4,614	2,387	2,227	4,580	2,320	2,260
2013	4,663	2,413	2,250	4,631	2,346	2,285
2014	4,714	2,440	2,274	4,684	2,373	2,311
2015	4,766	2,468	2,298	4,735	2,399	2,336
2016	4,819	2,496	2,323	4,786	2,425	2,361
2017	4,873	2,525	2,348	4,839	2,452	2,387
2018	4,928	2,554	2,374	4,890	2,478	2,412
2019	4,984	2,584	2,400	4,941	2,504	2,437
2020	5,041	2,614	2,427	4,990	2,529	2,461
2021	5,099	2,644	2,454	5,041	2,555	2,486
2022	5,157	2,676	2,481	5,090	2,580	2,510
2023	5,217	2,707	2,510	5,138	2,605	2,533
2024	5,277	2,739	2,538	5,186	2,629	2,557
2025	5,337	2,770	2,567	5,232	2,653	2,579
2026	5,398	2,802	2,596	5,277	2,676	2,601
2027	5,459	2,835	2,624	5,321	2,698	2,623
2028	5,520	2,867	2,654	5,364	2,720	2,644
2029	5,582	2,899	2,683	5,405	2,741	2,664
2030	5,643	2,931	2,712	5,445	2,762	2,683

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
4,632	2,372	2,260	5,465	2,785	2,680	3,750	1,894	1,856
4,724	2,420	2,304	5,565	2,836	2,729	3,823	1,931	1,892
4,815	2,467	2,348	5,665	2,887	2,778	3,895	1,967	1,928
4,904	2,514	2,390	5,762	2,936	2,826	3,967	2,004	1,963
4,993	2,560	2,433	5,859	2,985	2,874	4,037	2,039	1,998
5,079	2,605	2,474	5,952	3,032	2,920	4,106	2,074	2,032
5,164	2,649	2,515	6,044	3,079	2,965	4,174	2,109	2,065
5,247	2,692	2,555	6,133	3,124	3,009	4,240	2,142	2,098
5,327	2,733	2,594	6,220	3,168	3,052	4,305	2,175	2,130
5,405	2,773	2,632	6,304	3,211	3,093	4,368	2,207	2,161
5,482	2,813	2,669	6,387	3,253	3,134	4,430	2,238	2,192
5,560	2,853	2,707	6,470	3,295	3,175	4,495	2,271	2,224
5,638	2,893	2,745	6,555	3,338	3,217	4,558	2,303	2,255
5,715	2,932	2,783	6,641	3,382	3,259	4,623	2,336	2,287
5,793	2,972	2,821	6,728	3,426	3,302	4,690	2,370	2,320
5,871	3,012	2,859	6,815	3,470	3,345	4,757	2,404	2,353
5,948	3,051	2,897	6,903	3,515	3,388	4,824	2,438	2,386
6,025	3,090	2,935	6,991	3,560	3,431	4,893	2,473	2,420
6,102	3,129	2,973	7,080	3,605	3,475	4,961	2,508	2,453
6,178	3,167	3,011	7,168	3,650	3,518	5,030	2,543	2,487
6,254	3,205	3,048	7,256	3,695	3,561	5,099	2,578	2,521
6,328	3,243	3,085	7,345	3,740	3,604	5,168	2,613	2,555
6,402	3,280	3,122	7,432	3,785	3,647	5,238	2,649	2,589
6,474	3,316	3,158	7,519	3,829	3,690	5,307	2,684	2,623
6,545	3,351	3,194	7,606	3,874	3,732	5,377	2,720	2,657
6,615	3,386	3,229	7,692	3,917	3,776	5,445	2,755	2,690
6,683	3,420	3,264	7,776	3,961	3,816	5,514	2,790	2,724
6,750	3,452	3,298	7,860	4,003	3,856	5,582	2,825	2,757
6,815	3,484	3,331	7,941	4,045	3,896	5,650	2,860	2,790
6,877	3,515	3,362	8,022	4,086	3,936	5,716	2,894	2,822

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region).		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	48,316	24,232	24,085	5,970	2,872	3,099
1981	49,540	24,848	24,691	6,156	2,958	3,198
1982	50,797	25,482	25,315	6,347	3,047	3,300
1983	52,088	26,134	25,954	6,543	3,139	3,405
1984	53,410	26,802	26,608	6,745	3,233	3,512
1985	54,762	27,485	27,277	6,952	3,331	3,621
1986	56,142	28,183	27,959	7,161	3,430	3,732
1987	57,547	28,894	28,653	7,374	3,530	3,843
1988	58,976	29,617	29,359	7,587	3,632	3,956
1989	60,426	30,351	30,075	7,802	3,734	4,068
1990	61,894	31,094	30,800	8,016	3,836	4,181
1991	63,379	31,847	31,532	8,230	3,937	4,292
1992	64,878	32,607	32,272	8,443	4,039	4,404
1993	66,390	33,374	33,016	8,654	4,139	4,514
1994	67,914	34,147	33,766	8,864	4,240	4,624
1995	69,447	34,926	34,521	9,072	4,339	4,733
1996	70,989	35,710	35,279	9,279	4,437	4,841
1997	72,536	36,497	36,040	9,483	4,534	4,948
1998	74,089	37,287	36,803	9,684	4,630	5,054
1999	75,647	38,080	37,568	9,884	4,726	5,158
2000	77,209	38,875	38,334	10,083	4,820	5,262

Source: National Statistics Office.

BY SEX AND BY REGION: 1980 to 2030
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
3,543	1,763	1,780	2,227	1,134	1,093
3,612	1,799	1,813	2,283	1,163	1,120
3,683	1,836	1,848	2,341	1,192	1,148
3,757	1,873	1,883	2,400	1,223	1,177
3,832	1,912	1,920	2,462	1,255	1,207
3,909	1,952	1,957	2,525	1,287	1,238
3,988	1,993	1,995	2,590	1,320	1,270
4,069	2,035	2,034	2,657	1,355	1,302
4,152	2,078	2,074	2,725	1,389	1,335
4,236	2,121	2,115	2,794	1,425	1,369
4,321	2,165	2,156	2,864	1,461	1,403
4,407	2,210	2,198	2,936	1,498	1,438
4,495	2,255	2,240	3,009	1,535	1,474
4,583	2,300	2,283	3,082	1,573	1,509
4,672	2,346	2,326	3,156	1,611	1,545
4,761	2,392	2,369	3,232	1,650	1,582
4,851	2,439	2,412	3,307	1,689	1,619
4,940	2,485	2,456	3,384	1,728	1,656
5,030	2,531	2,499	3,460	1,767	1,693
5,120	2,578	2,543	3,537	1,807	1,730
5,210	2,624	2,586	3,615	1,847	1,768

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	78,772	39,671	39,101	10,279	4,914	5,365
2002	80,330	40,465	39,865	10,474	5,007	5,467
2003	81,883	41,256	40,627	10,667	5,099	5,568
2004	83,430	42,044	41,385	10,857	5,189	5,668
2005	84,971	42,830	42,141	11,045	5,279	5,766
2006	86,503	43,609	42,894	11,231	5,367	5,864
2007	88,025	44,387	43,638	11,415	5,455	5,960
2008	89,536	45,156	44,380	11,596	5,541	6,055
2009	91,034	45,920	45,114	11,775	5,627	6,148
2010	92,516	46,675	45,841	11,952	5,711	6,241
2011	93,982	47,422	46,560	12,125	5,794	6,331
2012	95,428	48,159	47,269	12,296	5,876	6,420
2013	96,850	48,884	47,966	12,462	5,955	6,507
2014	98,246	49,596	48,650	12,624	6,033	6,591
2015	99,614	50,294	49,320	12,782	6,109	6,673
2016	550,952	50,978	499,974	12,935	6,183	6,752
2017	102,257	51,644	50,613	13,082	6,254	6,828
2018	103,527	52,295	51,232	13,224	6,323	6,901
2019	104,757	52,922	51,835	13,358	6,388	6,970
2020	105,946	53,531	52,415	13,487	6,451	7,036
2021	107,112	54,128	52,984	13,609	6,510	7,099
2022	108,273	54,723	53,550	13,727	6,568	7,159
2023	109,425	55,315	54,110	13,840	6,624	7,216
2024	110,567	55,902	54,665	13,948	6,678	7,270
2025	111,697	56,483	55,214	14,051	6,730	7,321
2026	112,814	57,060	55,754	14,147	6,779	7,368
2027	113,913	57,629	56,284	14,238	6,826	7,412
2028	114,995	58,190	56,805	14,323	6,870	7,453
2029	115,058	58,741	56,317	14,401	6,912	7,489
2030	117,100	59,284	57,816	14,473	6,951	7,522

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 1			Region 2		
Both sexes	Male	Female	Both sexes	Male	Female
5,299	2,670	2,629	3,692	1,887	1,805
5,388	2,716	2,672	3,770	1,927	1,843
5,477	2,762	2,715	3,846	1,966	1,880
5,565	2,807	2,758	3,924	2,006	1,918
5,653	2,853	2,800	4,000	2,045	1,955
5,739	2,897	2,842	4,077	2,085	1,992
5,825	2,942	2,883	4,153	2,124	2,029
5,911	2,986	2,925	4,228	2,163	2,065
5,995	3,030	2,965	4,303	2,201	2,102
6,079	3,073	3,006	4,378	2,240	2,138
6,161	3,115	3,046	4,452	2,278	2,174
6,242	3,157	3,085	4,525	2,315	2,210
6,321	3,198	3,123	4,598	2,353	2,245
6,399	3,239	3,160	4,669	2,389	2,280
6,475	3,278	3,197	4,740	2,426	2,314
6,550	3,317	3,233	4,811	2,462	2,349
6,622	3,355	3,267	4,879	2,497	2,382
6,693	3,392	3,301	4,947	2,532	2,415
6,760	3,427	3,333	5,013	2,565	2,448
6,826	3,462	3,364	5,077	2,598	2,479
6,890	3,496	3,394	5,141	2,631	2,510
6,953	3,529	3,424	5,204	2,663	2,541
7,017	3,563	3,454	5,268	2,696	2,572
7,079	3,596	3,483	5,330	2,728	2,602
7,140	3,628	3,512	5,392	2,759	2,633
7,200	3,660	3,540	5,453	2,791	2,662
7,259	3,692	3,567	5,513	2,822	2,691
7,315	3,722	3,593	5,573	2,853	2,720
7,372	3,753	3,619	5,631	2,883	2,748
7,426	3,782	3,644	5,687	2,912	2,775

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	4,827	2,418	2,409	6,155	3,112	3,042
1981	4,947	2,479	2,468	6,334	3,204	3,130
1982	5,071	2,542	2,529	6,518	3,298	3,220
1983	5,199	2,606	2,593	6,708	3,395	3,313
1984	5,330	2,673	2,658	6,903	3,494	3,408
1985	5,465	2,741	2,724	7,102	3,597	3,506
1986	5,603	2,810	2,793	7,306	3,701	3,605
1987	5,744	2,881	2,862	7,515	3,807	3,707
1988	5,887	2,954	2,933	7,727	3,916	3,811
1989	6,033	3,027	3,006	7,943	4,027	3,916
1990	6,181	3,102	3,079	8,162	4,139	4,023
1991	6,331	3,178	3,153	8,384	4,253	4,132
1992	6,482	3,254	3,228	8,609	4,368	4,241
1993	6,634	3,331	3,303	8,836	4,484	4,352
1994	6,787	3,409	3,379	9,065	4,602	4,464
1995	6,942	3,487	3,455	9,296	4,720	4,576
1996	7,096	3,565	3,531	9,529	4,840	4,689
1997	7,251	3,644	3,608	9,763	4,960	4,803
1998	7,407	3,722	3,684	9,998	5,081	4,917
1999	7,562	3,801	3,761	10,234	5,203	5,031
2000	7,718	3,880	3,838	10,472	5,325	5,146

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
3,489	1,771	1,718	4,538	2,272	2,266	3,796	1,887	1,909
3,573	1,814	1,758	4,646	2,326	2,319	3,873	1,928	1,945
3,659	1,859	1,800	4,757	2,382	2,374	3,953	1,970	1,983
3,747	1,904	1,843	4,870	2,439	2,430	4,034	2,012	2,022
3,837	1,950	1,887	4,985	2,498	2,487	4,117	2,056	2,061
3,929	1,997	1,932	5,102	2,557	2,545	4,202	2,100	2,101
4,023	2,046	1,978	5,222	2,617	2,604	4,288	2,146	2,142
4,120	2,095	2,025	5,343	2,679	2,664	4,376	2,192	2,184
4,218	2,146	2,073	5,465	2,741	2,724	4,465	2,238	2,227
4,319	2,197	2,122	5,590	2,804	2,786	4,555	2,285	2,269
4,422	2,250	2,172	5,715	2,868	2,848	4,645	2,333	2,313
4,526	2,303	2,223	5,842	2,932	2,910	4,737	2,381	2,356
4,631	2,357	2,274	5,969	2,997	2,972	4,829	2,429	2,400
4,738	2,412	2,327	6,097	3,062	3,035	4,922	2,478	2,444
4,847	2,467	2,379	6,226	3,127	3,098	5,015	2,526	2,489
4,956	2,523	2,433	6,355	3,193	3,162	5,109	2,575	2,533
5,067	2,580	2,487	6,484	3,259	3,225	5,202	2,625	2,578
5,178	2,637	2,541	6,614	3,325	3,289	5,296	2,674	2,622
5,291	2,695	2,596	6,743	3,391	3,352	5,390	2,723	2,667
5,404	2,753	2,651	6,873	3,457	3,416	5,484	2,773	2,711
5,518	2,811	2,707	7,002	3,523	3,479	5,578	2,822	2,756

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Region 3			Region 4		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	7,873	3,959	3,914	10,709	5,448	5,261
2002	8,027	4,037	3,990	10,946	5,570	5,376
2003	8,179	4,114	4,065	11,183	5,692	5,491
2004	8,331	4,191	4,140	11,419	5,814	5,605
2005	8,482	4,268	4,214	11,654	5,935	5,719
2006	8,630	4,343	4,287	11,888	6,056	5,832
2007	8,778	4,418	4,360	12,119	6,175	5,944
2008	8,924	4,492	4,432	12,350	6,294	6,056
2009	9,068	4,565	4,503	12,578	6,412	6,166
2010	9,211	4,638	4,573	12,804	6,528	6,276
2011	9,351	4,709	4,642	13,027	6,643	6,384
2012	9,489	4,779	4,710	13,246	6,756	6,490
2013	9,623	4,847	4,776	13,461	6,867	6,594
2014	9,755	4,914	4,841	13,672	6,975	6,697
2015	9,884	4,980	4,904	13,877	7,081	6,796
2016	10,008	5,043	4,965	14,078	7,185	6,893
2017	10,129	5,105	5,024	14,273	7,285	6,988
2018	10,246	5,165	5,081	14,461	7,382	7,079
2019	10,359	5,223	5,136	14,643	7,476	7,167
2020	10,468	5,279	5,189	14,818	7,566	7,252
2021	10,574	5,334	5,240	14,988	7,654	7,334
2022	10,679	5,388	5,291	15,157	7,741	7,416
2023	10,780	5,440	5,340	15,325	7,828	7,497
2024	10,880	5,492	5,388	15,490	7,913	7,577
2025	10,978	5,543	5,435	15,654	7,998	7,656
2026	11,074	5,593	5,481	15,814	8,081	7,733
2027	11,167	5,642	5,525	15,972	8,163	7,809
2028	11,257	5,689	5,568	16,127	8,243	7,884
2029	11,345	5,735	5,610	16,279	8,322	7,957
2030	11,428	5,779	5,649	16,426	8,399	8,027

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
5,633	2,870	2,763	7,131	3,589	3,542	5,671	2,871	2,800
5,747	2,928	2,819	7,261	3,655	3,606	5,764	2,920	2,844
5,862	2,987	2,875	7,389	3,721	3,668	5,857	2,969	2,888
5,976	3,046	2,930	7,517	3,786	3,731	5,950	3,018	2,932
6,091	3,105	2,986	7,645	3,852	3,793	6,041	3,066	2,975
6,205	3,163	3,042	7,771	3,916	3,855	6,132	3,114	3,018
6,319	3,222	3,097	7,898	3,981	3,917	6,223	3,162	3,061
6,432	3,280	3,152	8,022	4,044	3,978	6,312	3,209	3,103
6,544	3,338	3,206	8,145	4,107	4,038	6,400	3,255	3,145
6,656	3,395	3,261	8,267	4,169	4,098	6,487	3,301	3,186
6,767	3,452	3,315	8,387	4,230	4,157	6,574	3,347	3,227
6,877	3,509	3,368	8,506	4,291	4,215	6,658	3,391	3,267
6,984	3,564	3,420	8,622	4,350	4,272	6,741	3,435	3,306
7,091	3,619	3,472	8,735	4,407	4,328	6,822	3,478	3,344
7,196	3,673	3,523	8,847	4,464	4,383	6,901	3,520	3,381
7,300	3,726	3,574	8,955	4,519	4,436	6,977	3,560	3,417
7,400	3,777	3,623	9,059	4,572	4,487	7,051	3,600	3,451
7,499	3,828	3,671	9,160	4,623	4,537	7,122	3,638	3,484
7,595	3,877	3,718	9,259	4,673	4,586	7,192	3,675	3,517
7,689	3,925	3,764	9,353	4,721	4,632	7,257	3,710	3,547
7,783	3,973	3,810	9,445	4,767	4,678	7,322	3,745	3,577
7,877	4,021	3,856	9,537	4,814	4,723	7,386	3,779	3,607
7,973	4,070	3,903	9,629	4,861	4,768	7,450	3,814	3,636
8,070	4,120	3,950	9,720	4,907	4,813	7,514	3,848	3,666
8,168	4,170	3,998	9,811	4,953	4,858	7,577	3,882	3,695
8,266	4,220	4,046	9,902	4,999	4,903	7,639	3,916	3,723
8,365	4,271	4,094	9,991	5,044	4,947	7,701	3,950	3,751
8,465	4,323	4,142	10,079	5,089	4,990	7,761	3,983	3,778
8,565	4,374	4,191	10,167	5,134	5,033	7,821	4,016	3,805
8,665	4,425	4,240	10,254	5,178	5,076	7,881	4,049	3,832

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	2,805	1,427	1,378	2,547	1,290	1,256
1981	2,857	1,455	1,403	2,608	1,322	1,287
1982	2,911	1,483	1,428	2,672	1,354	1,318
1983	2,965	1,512	1,454	2,736	1,386	1,350
1984	3,021	1,541	1,480	2,802	1,419	1,382
1985	3,078	1,571	1,507	2,868	1,453	1,415
1986	3,136	1,602	1,534	2,936	1,488	1,449
1987	3,196	1,633	1,562	3,005	1,522	1,483
1988	3,257	1,666	1,591	3,075	1,558	1,517
1989	3,319	1,699	1,620	3,146	1,594	1,552
1990	3,383	1,732	1,650	3,218	1,630	1,588
1991	3,448	1,766	1,681	3,290	1,667	1,624
1992	3,514	1,801	1,713	3,364	1,704	1,660
1993	3,581	1,837	1,745	3,439	1,742	1,697
1994	3,650	1,873	1,777	3,514	1,780	1,734
1995	3,720	1,910	1,810	3,591	1,819	1,772
1996	3,790	1,947	1,843	3,668	1,858	1,810
1997	3,862	1,985	1,877	3,746	1,897	1,849
1998	3,934	2,023	1,911	3,825	1,937	1,887
1999	4,007	2,061	1,946	3,904	1,977	1,926
2000	4,080	2,100	1,980	3,984	2,018	1,966

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
2,773	1,409	1,364	3,368	1,723	1,645	2,278	1,152	1,126
2,851	1,449	1,402	3,459	1,769	1,690	2,340	1,183	1,157
2,932	1,490	1,441	3,552	1,816	1,736	2,403	1,215	1,188
3,014	1,532	1,481	3,647	1,864	1,783	2,468	1,248	1,220
3,098	1,576	1,522	3,744	1,913	1,831	2,535	1,281	1,253
3,184	1,620	1,564	3,843	1,963	1,880	2,602	1,316	1,287
3,272	1,665	1,607	3,944	2,014	1,930	2,672	1,350	1,321
3,361	1,711	1,650	4,047	2,066	1,980	2,743	1,386	1,356
3,453	1,758	1,694	4,151	2,119	2,032	2,815	1,422	1,392
3,546	1,806	1,739	4,257	2,173	2,084	2,888	1,459	1,429
3,640	1,855	1,785	4,364	2,227	2,137	2,963	1,497	1,466
3,736	1,905	1,831	4,473	2,283	2,191	3,039	1,535	1,503
3,834	1,956	1,878	4,484	2,239	2,245	3,116	1,574	1,542
3,933	2,007	1,926	4,696	2,395	2,301	3,195	1,614	1,581
4,034	2,060	1,974	4,809	2,453	2,356	3,275	1,654	1,620
4,135	2,112	2,023	4,924	2,511	2,413	3,356	1,695	1,661
4,238	2,166	2,072	5,040	2,570	2,470	3,438	1,737	1,701
4,342	2,220	2,122	5,157	2,629	2,528	3,521	1,779	1,742
4,448	2,275	2,173	5,275	2,689	2,586	3,605	1,821	1,784
4,554	2,330	2,223	5,394	2,749	2,644	3,690	1,864	1,826
4,661	2,386	2,275	5,513	2,810	2,703	3,776	1,908	1,868

Table 1.9 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(High Assumption – Slow Fertility and
(In

Year	Region 8			Region 9		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	4,153	2,138	2,015	4,064	2,059	2,005
2002	4,226	2,177	2,049	4,145	2,100	2,045
2003	4,299	2,215	2,084	4,224	2,140	2,084
2004	4,372	2,254	2,118	4,304	2,181	2,123
2005	4,445	2,292	2,153	4,385	2,222	2,163
2006	4,517	2,330	2,187	4,464	2,262	2,202
2007	4,588	2,368	2,220	4,542	2,302	2,240
2008	4,660	2,406	2,254	4,621	2,342	2,279
2009	4,731	2,444	2,287	4,699	2,382	2,317
2010	4,801	2,481	2,320	4,776	2,421	2,355
2011	4,871	2,518	2,353	4,852	2,460	2,392
2012	4,940	2,554	2,386	4,927	2,498	2,429
2013	5,009	2,591	2,418	5,002	2,536	2,466
2014	5,077	2,627	2,450	5,074	2,573	2,501
2015	5,143	2,662	2,481	5,145	2,609	2,536
2016	5,210	2,698	2,512	5,216	2,645	2,571
2017	5,275	2,732	2,543	5,284	2,680	2,604
2018	5,340	2,767	2,573	5,351	2,714	2,637
2019	5,403	2,800	2,603	5,415	2,747	2,668
2020	5,465	2,833	2,632	5,478	2,779	2,699
2021	5,529	2,867	2,662	5,539	2,810	2,729
2022	5,593	2,901	2,692	5,600	2,841	2,759
2023	5,658	2,935	2,723	5,660	2,872	2,788
2024	5,724	2,970	2,754	5,719	2,902	2,817
2025	5,792	3,006	2,786	5,777	2,932	2,845
2026	5,861	3,042	2,819	5,834	2,961	2,873
2027	5,931	3,079	2,852	5,889	2,989	2,900
2028	6,002	3,117	2,885	5,943	3,017	2,926
2029	6,073	3,154	2,919	5,996	3,044	2,952
2030	6,146	3,193	2,953	6,046	3,070	2,976

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
thousands)

Region 10			Region 11			Region 12		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
4,769	2,443	2,326	5,633	2,871	2,762	3,863	1,952	1,911
4,877	2,499	2,378	5,754	2,933	2,821	3,950	1,996	1,954
4,985	2,555	2,430	5,875	2,994	2,881	4,037	2,040	1,997
5,094	2,612	2,482	5,995	3,055	2,940	4,125	2,085	2,040
5,203	2,668	2,535	6,117	3,117	3,000	4,212	2,129	2,083
5,312	2,725	2,587	6,237	3,178	3,059	4,300	2,173	2,127
5,420	2,781	2,639	6,357	3,239	3,118	4,388	2,218	2,170
5,528	2,836	2,692	6,477	3,300	3,177	4,475	2,262	2,213
5,635	2,892	2,743	6,597	3,361	3,236	4,562	2,306	2,256
5,742	2,947	2,795	6,715	3,421	3,294	4,648	2,350	2,298
5,848	3,001	2,847	6,833	3,481	3,352	4,735	2,394	2,341
5,953	3,055	2,898	6,949	3,540	3,409	4,821	2,438	2,383
6,056	3,108	2,948	7,065	3,599	3,466	4,906	2,481	2,425
6,159	3,161	2,998	7,179	3,657	3,522	4,990	2,524	2,466
6,260	3,212	3,048	7,291	3,714	3,577	5,073	2,566	2,507
6,359	3,263	3,096	7,401	3,770	3,631	5,155	2,608	2,547
6,456	3,312	3,144	7,510	3,826	3,684	5,236	2,649	2,587
6,552	3,361	3,191	7,616	3,880	3,736	5,316	2,690	2,626
6,645	3,408	3,237	7,720	3,933	3,787	5,394	2,729	2,665
6,735	3,454	3,281	7,820	3,984	3,836	5,471	2,769	2,702
6,825	3,499	3,326	7,920	4,035	3,885	5,548	2,808	2,740
6,912	3,543	3,369	8,022	4,087	3,935	5,625	2,847	2,778
7,000	3,587	3,413	8,122	4,138	3,984	5,703	2,887	2,816
7,087	3,631	3,456	8,224	4,190	4,034	5,781	2,927	2,854
7,172	3,673	3,499	8,325	4,242	4,083	5,860	2,967	2,893
7,256	3,715	3,541	8,427	4,294	4,133	5,940	3,008	2,932
7,340	3,757	3,583	8,528	4,346	4,182	6,020	3,049	2,971
7,421	3,797	3,624	8,629	4,397	4,232	6,100	3,090	3,010
6,500	3,836	2,664	8,730	4,449	4,281	6,179	3,130	3,049
7,578	3,875	3,703	8,830	4,500	4,330	6,260	3,172	3,088

Table 1.10 – INTER-REGIONAL MIGRANTS

Region of destination	All regions of origin			Metropolitan Manila Area (National Capital Region)			Region 1		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Philippines	1,148,277	532,378	615,899	204,778	100,271	104,507	87,578	40,222	47,356
NCR	378,878	151,291	227,587	–	–	–	42,682	17,246	25,436
Region 1	35,588	16,439	19,149	12,447	5,916	6,531	–	–	–
Region 2	33,259	17,653	15,606	4,881	2,425	2,456	13,004	6,978	6,026
Region 3	101,844	46,611	55,233	42,388	20,530	21,858	12,937	5,865	7,072
Region 4	183,077	90,133	92,944	90,817	45,283	45,534	9,400	5,012	4,388
Region 5	36,939	18,384	18,555	15,957	7,621	8,336	1,195	531	664
Region 6	33,523	16,347	17,176	11,128	5,183	5,945	779	422	357
Region 7	51,757	24,964	26,793	6,181	2,974	3,207	975	558	417
Region 8	27,605	13,624	13,981	9,560	4,501	5,059	477	260	217
Region 9	28,141	14,690	13,451	1,213	635	578	588	297	291
Region 10	92,323	47,675	44,648	3,990	1,991	1,999	1,333	739	594
Region 11	89,017	45,952	43,065	4,383	2,282	2,101	2,002	1,069	933
Region 12	56,326	28,615	27,711	1,833	930	903	2,206	1,245	961

Table 1.10 – INTER-REGIONAL MIGRANTS

Region of destination	Region 6			Region 7			Region 8		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Philippines	105,536	46,088	59,448	114,987	54,165	60,822	98,489	42,272	56,217
NCR	44,158	15,205	28,953	22,990	8,299	14,691	48,999	18,805	30,194
Region 1	867	400	467	871	348	523	936	308	628
Region 2	826	431	395	548	252	296	673	363	310
Region 3	4,509	1,827	2,682	3,506	1,470	2,036	8,162	3,327	4,835
Region 4	11,370	5,296	6,074	5,706	2,663	3,043	10,790	4,907	5,883
Region 5	1,009	519	490	1,773	870	903	1,846	906	940
Region 6	–	–	–	7,391	3,615	3,776	857	490	367
Region 7	7,730	3,752	3,978	–	–	–	7,215	3,045	4,170
Region 8	785	387	398	6,005	2,996	3,009	–	–	–
Region 9	3,139	1,690	1,449	8,943	4,553	4,390	869	401	468
Region 10	8,485	4,634	3,851	24,978	12,690	12,288	8,439	4,529	3,910
Region 11	12,248	6,455	5,793	23,791	12,250	11,541	8,565	4,630	3,935
Region 12	10,410	5,492	4,918	8,485	4,159	4,326	1,138	561	577

Note: 1990 data is not yet available.
Source: National Statistics Office.

IN THE PHILIPPINES, BY SEX: 1975 to 1980

Region 2			Region 3			Region 4			Region 5		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
36,208	15,306	20,902	92,255	43,902	48,353	114,683	51,002	63,681	99,285	43,172	56,113
16,002	5,707	10,295	51,246	22,846	28,400	75,386	31,429	43,957	51,573	20,457	31,116
6,567	2,998	3,569	6,761	3,136	3,625	3,597	1,759	1,838	1,156	404	752
–	–	–	8,418	4,629	3,789	2,093	1,135	958	1,317	640	677
3,908	1,753	2,155	–	–	–	13,664	6,240	7,424	8,708	3,710	4,998
3,596	1,659	1,937	16,001	8,155	7,846	–	–	–	27,772	13,619	14,153
568	288	280	3,284	1,801	1,483	9,648	4,984	4,664	–	–	–
465	217	248	1,436	754	682	3,154	1,583	1,571	1,544	731	813
1,079	540	539	721	318	403	1,765	1,027	738	2,261	1,060	1,201
255	107	148	839	372	467	1,547	806	741	1,403	682	721
726	392	334	499	262	237	432	204	228	313	190	123
1,049	540	509	929	519	410	1,171	668	503	1,639	841	798
1,287	728	559	1,051	526	525	1,477	721	756	1,121	604	517
706	377	329	1,070	584	486	749	446	303	478	234	244

IN THE PHILIPPINES, BY SEX: 1975 to 1980 (continued)

Region 9			Region 10			Region 11			Region 12		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
37,205	18,530	18,675	56,621	27,037	29,584	62,080	30,735	31,345	38,572	19,676	18,896
4,933	2,247	2,686	6,944	2,632	4,312	8,612	3,698	4,914	5,353	2,720	2,633
538	282	256	581	273	308	748	332	416	519	283	236
317	167	150	484	259	225	481	255	226	217	119	98
813	399	414	1,423	665	758	1,191	549	642	635	276	359
1,914	914	1,000	2,134	924	1,192	2,404	1,111	1,293	1,191	590	601
326	151	175	472	264	208	604	275	329	257	174	83
979	486	493	1,339	682	657	2,943	1,439	1,504	1,508	745	763
4,148	1,936	2,212	8,639	4,116	4,523	8,721	4,480	4,241	2,322	1,158	1,164
564	296	268	2,499	1,228	1,271	2,999	1,564	1,435	672	425	247
–	–	–	6,658	3,518	3,140	2,278	1,251	1,027	2,483	1,297	1,186
10,951	5,586	5,365	–	–	–	18,191	9,330	8,861	11,168	5,608	5,560
5,718	2,916	2,802	15,127	7,490	7,637	0	0	0	12,247	6,281	5,966
6,004	3,150	2,854	10,339	4,986	5,353	12,908	6,451	6,457	0	0	0

Table 1.11 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY COUNTRY OF DESTINATION: 1981 to 1991

Year	Total	USA	Australia	Canada	Others
1981	48,867	38,336	2,752	5,226	2,553
1982	53,953	42,154	2,931	4,898	3,970
1983	42,481	33,143	2,608	3,946	2,784
1984	41,551	33,090	2,915	2,463	3,083
1985	45,269	36,984	3,458	2,097	2,730
1986	49,338	39,258	4,374	3,206	2,500
1987	56,350	39,386	8,983	5,757	2,224
1988	58,066	40,128	9,341	6,608	1,989
1989	55,703	38,171	5,922	8,032	3,578
1990	63,208	43,811	5,855	8,409	5,133
1991	62,671	43,981	5,728	7,233	5,729

Source: Commission on Filipinos Overseas.

Table 1.12 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY SEX : 1981 to 1991

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	24,620	33,394
1989	55,703	22,784	32,907
1990	63,208	25,421	37,779
1991	62,671	24,808	37,863

Source: Commission on Filipinos Overseas.

Fig. 1.4 Distribution of Registered Filipino Migrants By Age, 1982 – 1991

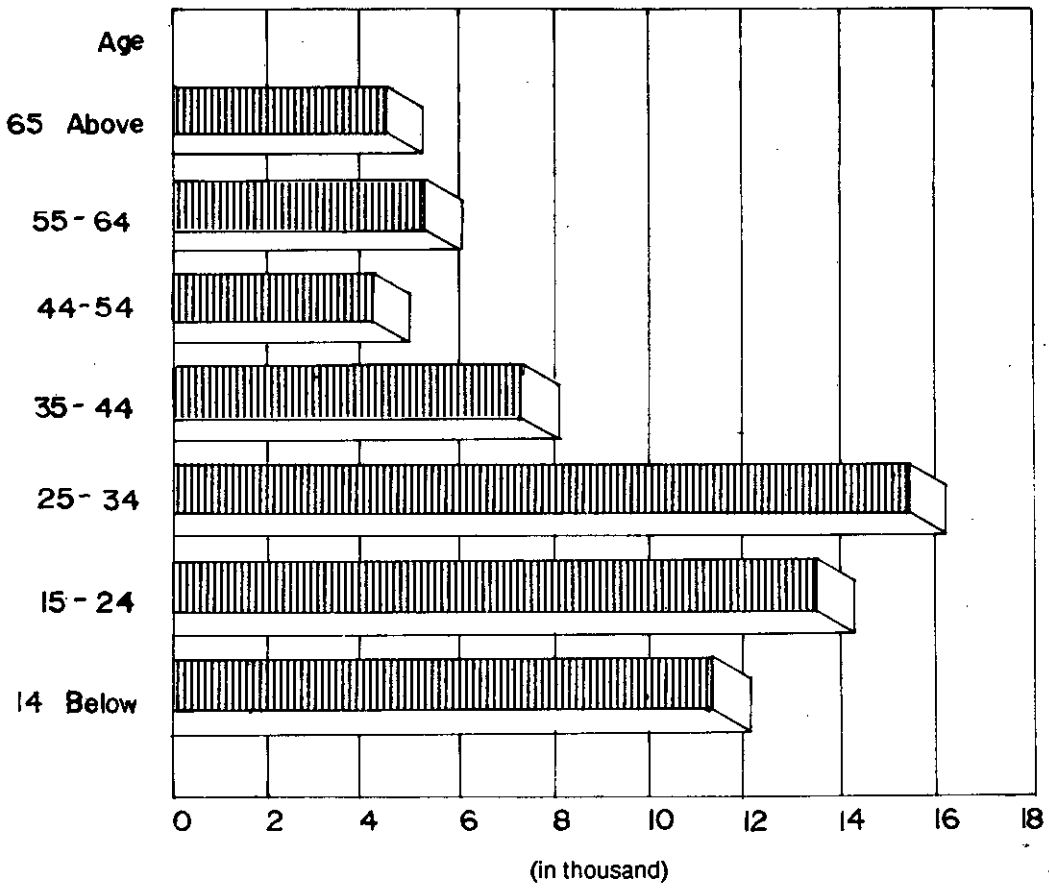

Fig. 1.5 Distribution of Registered Filipino Migrants By Country of Destination, 1991

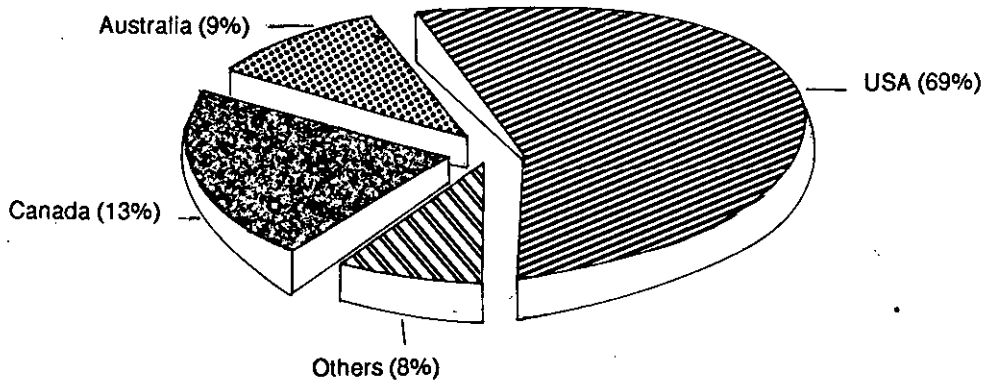

Table 1.13 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY AGE : 1981 to 1991

Year	Total	14–Below	15–24	25–34	35–44	44–54	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	58,066	12,579	11,537	13,259	7,852	3,980	4,705	4,102
1989	55,703	11,696	11,079	13,779	7,524	3,907	4,100	3,618
1990	63,208	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	5,401	4,675

Source: Commission on Filipinos Overseas.

Table 1.14 – RENTAL PRICE INDEX FOR ALL INCOME HOUSEHOLD IN THE PHILIPPINES, METRO MANILA AND OUTSIDE METRO MANILA 1988 to 1992 (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
January	144.4	149.7	140.4
February	151.1	158.5	145.4
March	153.6	163.0	146.5
April	154.9	163.0	148.7
May	155.2	163.0	149.3
June	156.7	163.6	151.4
July	158.9	164.8	154.4
August	159.9	166.0	155.3
September	165.5	177.9	156.1
October	168.4	182.1	157.9
November	168.9	182.5	158.6
December	169.3	182.5	159.2
1992			
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

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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Fig. 2.1 Total Number of Families By Income Class
Philippines, 1988

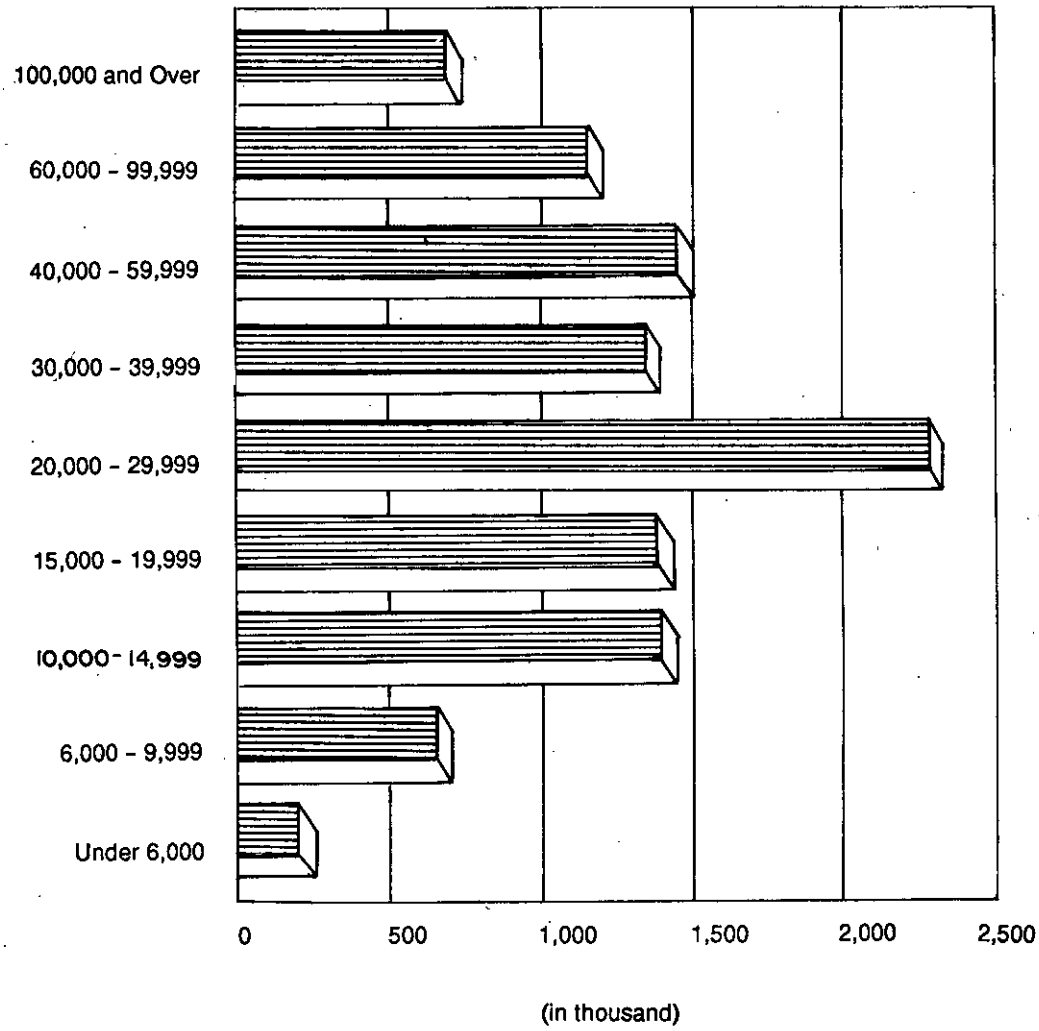

Table 2.1 – TOTAL NUMBER OF FAMILIES, BY INCOME CLASS, PHILIPPINES:

Income class	1961			
	Total number of families (thousands)	Total income (thousand pesos)	Average income (pesos)	Total number of families (thousands)
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.

TOTAL AND AVERAGE FAMILY INCOME
1961, 1965 and 1971

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 BY INCOME CLASS,

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	-

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

Source: National Statistics Office.

AVERAGE FAMILY INCOME AND EXPENDITURES
PHILIPPINES: 1985 and 1988

	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 BY INCOME CLASS,

Income class	1985				
	Total number of families (thousands)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
Urban					
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
Rural					
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

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

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

AVERAGE FAMILY INCOME AND EXPENDITURES
URBAN AND RURAL, 1985 and 1988

	1988			
Total	Income		Expenditures	
number of families (thousands)	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

Region	1985			
	Number of families (thousand)	Average Income	Average Expenditures	Savings
Philippines	9,847	31,052	26,865	4,187
Urban	3,726	46,127	39,134	6,993
Rural	6,121	21,875	19,397	2,478
National Capital Region	1,311	57,193	48,453	8,740
Cordillera Autonomous Region	198	34,558	30,157	4,401
Ilocos Region	578	29,958	25,043	4,915
Cagayan Valley Region	397	27,433	22,429	5,004
Central Luzon Region	957	38,819	34,727	4,092
Southern Tagalog Region	1,304	29,985	26,459	3,526
Bicol Region	668	20,221	19,092	1,129
Western Visayas Region	882	24,807	22,310	2,497
Central Visayas Region	784	20,756	16,932	3,824
Eastern Visayas Region	567	17,767	15,884	1,883
Western Mindanao Region	495	23,779	19,456	4,323
Northern Mindanao Region	565	27,402	22,703	4,699
Southern Mindanao Region	705	28,222	24,068	4,154
Central Mindanao Region	436	24,366	22,509	1,857

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 1988 were derived using the respective regional CPIs with base year 1985 as deflators.

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

INCOME AND EXPENDITURES BY REGION: 1985 and 1988

	1988 (at current prices)			1988 (at 1985 prices)		
Number of families (thousand)	Average Income	Average Expenditures	Savings	Average Income	Average Expenditures	Savings
10,534	40,408	32,521	7,887	35,539	28,596	6,935
3,985	60,330	47,299	13,031	53,048	41,590	11,458
6,549	28,284	23,529	4,755	24,870	20,689	4,181
1,435	79,314	60,355	18,959	64,118	48,791	15,326
214	33,838	28,722	5,116	30,485	25,876	4,559
625	34,031	27,670	6,361	31,481	25,597	5,919
438	32,939	24,582	8,357	27,938	20,850	7,145
1,038	46,855	38,660	8,195	41,501	34,243	7,260
1,284	37,978	32,058	5,920	33,140	27,974	5,165
738	26,570	23,253	3,317	23,307	20,397	2,910
957	31,164	27,162	4,002	28,802	25,104	3,698
830	27,972	22,157	5,815	25,592	20,272	5,318
598	25,345	20,533	4,812	22,589	18,300	4,288
539	31,984	24,624	7,360	29,615	22,800	6,815
607	35,801	28,865	6,936	32,996	26,604	6,395
738	37,132	30,061	7,071	32,121	26,004	6,114
493	35,090	27,696	7,394	31,443	24,817	6,627

Table 2.5 – TOTAL NUMBER OF FAMILIES, TOTAL AND BY EXPENDITURE CLASS, 1985 and

Expenditure class	Total number of families (thousands)	1985 Income Total (thousand pesos)	1985 Income Average (pesos)	1985 Expenditures Total (thousand pesos)	1985 Expenditures Average (pesos)
Urban					
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
Rural					
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

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.

AVERAGE FAMILY INCOME AND EXPENDITURES
URBAN AND RURAL
1988

Total number of families (thousands)	1988 Income Total (thousand pesos)	1988 Income Average (pesos)	1988 Expenditures Total (thousand pesos)	1988 Expenditures 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

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, National Statistics Office.

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

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

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 2.8 – PERCENTAGE DISTRIBUTION OF TOTAL FAMILY INCOME BY INCOME DECILE, PHILIPPINES: 1961, 1965, 1971, 1985 and 1988

Income decile	1961	1965	1971	1985	1988
Total	100.0	100.0	100.0	100.0	100.0
First decile	1.5	1.1	1.2	2.0	2.0
Second decile	2.7	2.4	2.4	3.2	3.2
Third decile	3.4	3.5	3.5	4.1	4.1
Fourth decile	4.5	4.6	4.6	5.0	5.0
Fifth decile	5.5	5.7	5.9	6.0	6.0
Sixth decile	6.6	7.1	7.4	7.3	7.3
Seventh decile	8.3	8.9	9.9	8.9	9.1
Eighth decile	11.0	11.2	11.1	11.4	11.6
Ninth decile	15.5	15.4	16.9	15.7	16.0
Tenth decile	41.0	40.1	37.1	36.4	35.8

Source: National Statistics Office.

Table 2.9 – PERCENTAGE DISTRIBUTION OF TOTAL FAMILY EXPENDITURES BY MAJOR EXPENDITURE GROUP, PHILIPPINES 1961, 1965, 1971, 1985 and 1988

Expenditure group	1961	1965	1971	1985	1988
Total family expenditures (in thousand pesos)	7,934,063	14,748,076	28,430,424	264,551,855	342,578,100
Percent	100.0	100.0	100.0	100.0	100.0
Food	53.8	53.7	53.7	51.9	50.7
Food consumed at home	51.6	50.8	51.0	48.8	47.3
Cereals and cereal preparation	20.2	21.1	19.6	18.5	15.9
Fish and marine products	10.5	9.3	8.9	7.9	7.5
Meat, meat preparations, dairy products and eggs	7.9	8.4	9.7	10.3	10.3
Roots, tubers, fruits & vegetables	6.1	5.0	5.5	5.3	5.8
Miscellaneous	6.9	6.9	7.4	6.7	7.9
Food regularly consumed outside the home	2.3	2.9	2.7	3.1	3.4
Alcoholic beverages	1.7	1.6	1.7	1.1	1.1
Tobacco	4.2	3.2	3.3	2.3	2.1
Housing	8.3	9.1	9.4	12.7	12.8
Fuel, light and water	4.0	3.6	3.6	5.5	5.2
Household furnishings & equipment	2.1	2.0	2.3	1.9	2.2
Household operations	2.6	2.5	2.4	2.4	2.5
Clothing, footwear & other wear	7.0	6.5	6.2	3.6	4.2
Personal care and effects	2.3	2.5	2.2	2.1	3.3
Medical care	1.7	1.7	1.8	2.1	1.7
Transportation & communication	2.3	2.6	2.9	4.4	4.7
Recreation	1.8	1.8	1.8	0.4	0.5
Education	3.1	3.5	3.7	3.5	2.9
Gifts and contributions	0.9	0.9	0.6	1.0	1.0
Taxes	0.4	0.6	0.3	1.0	1.1
Special occasions	2.3	2.7	2.5	2.2	2.3
Other expenditures	1.4	1.5	1.5	1.8	1.8

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 2.10 – INCIDENCE OF POVERTY BY REGION: 1985 and 1988

Region	1985		1988	
	Poverty Threshold 1/ (Pesos)	Poverty Incidence 2/ (Percent)	Poverty Threshold 1/ (Pesos)	Poverty Incidence 2/ (Percent)
Philippines	2,381	59.0	2,709	49.5
National Capital Region	3,282	43.9	4,037	31.8
Ilocos Region	2,389	51.6	2,597	47.5
Cagayan Valley Region	2,201	55.7	2,576	48.9
Central Luzon Region	2,552	43.5	2,881	39.6
Southern Tagalog Region	2,471	55.2	2,832	49.3
Bicol Region	2,143	73.5	2,443	65.3
Western Visayas Region	2,453	73.4	2,654	61.8
Central Visayas Region	1,987	69.9	2,173	54.6
Eastern Visayas Region	2,015	70.2	2,263	60.5
Western Mindanao Region	2,119	63.0	2,289	52.0
Northern Mindanao Region	2,249	65.6	2,439	51.5
Southern Mindanao Region	2,389	60.2	2,763	52.2
Central Mindanao Region	2,212	63.6	2,468	47.1

1/ Minimum average monthly income that a family of 6 members should receive to be considered above poverty. For 1988, the poverty threshold levels were derived using 1985 levels inflated to 1988 prices.

2/ Proportion of families below poverty level.

Sources: Inter-agency Working Group on Poverty Determination; National Economic and Development Authority (NEDA), National Statistics Office (NSO), Food and Nutrition Research Institute (FNRI) and National Statistical Coordination Board (NSCB).

Table 2.11 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND INFLATION RATE: 1988 to 1992
(1988 = 100)

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	128.1	14.2	127.3	20.2	128.3	13.4
January	122.0	14.8	117.9	10.3	123.3	15.4
February	122.4	14.4	118.4	8.9	123.7	15.2
March	123.0	15.0	119.7	12.3	124.0	15.2
April	124.0	14.8	122.8	18.5	124.4	14.8
May	124.8	14.4	123.7	18.7	125.2	14.2
June	126.1	13.5	125.6	19.1	126.2	12.9
July	128.1	14.0	129.2	25.2	127.8	12.8
August	128.9	12.2	129.7	25.4	128.6	10.8
September	130.2	12.3	132.2	25.4	129.6	10.6
October	132.7	13.6	133.2	25.5	132.6	12.4
November	135.2	14.7	135.0	25.6	135.3	13.6
December	139.5	16.2	140.3	25.7	139.3	14.7
1991	152.0	18.7	153.6	20.7	151.5	18.1
January	143.7	17.8	144.2	22.3	143.6	16.5
February	146.8	19.9	146.5	23.7	146.0	18.8
March	148.1	20.4	148.6	24.1	148.0	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	154.0	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	17.0	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						
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	162.0	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	163.0	7.7
July	167.0	9.2	175.3	13.8	164.3	7.7

Source: National Statistics Office.

Table 2.12 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE PHILIPPINES: 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	122.0	123.2	115.8	121.3	124.3	121.3	116.6
February	122.4	123.0	116.6	122.6	128.2	121.9	117.5
March	123.0	123.1	117.1	124.8	129.6	122.3	118.0
April	124.0	123.8	117.9	129.0	130.4	122.5	118.2
May	124.8	124.9	118.3	129.3	131.3	123.0	118.6
June	126.1	125.9	119.0	130.9	132.4	125.6	119.2
July	128.1	127.7	119.8	136.1	133.2	127.4	119.8
August	128.9	128.4	120.5	137.5	134.1	127.7	120.4
September	130.2	129.8	121.8	138.4	136.9	128.9	121.4
October	132.7	131.6	123.4	140.0	143.9	135.2	123.2
November	135.2	133.5	125.4	141.4	149.8	140.1	125.3
December	139.5	136.6	127.7	142.5	157.7	156.0	127.5
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							
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

Source: National Statistics Office.

Table 2.13 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN METROPOLITAN MANILA AREA (NCR): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	117.9	118.9	108.2	118.7	119.4	116.8	113.4
February	118.4	117.7	108.8	120.4	130.2	117.0	114.6
March	119.7	118.1	108.8	124.7	132.1	117.0	114.7
April	122.8	119.7	109.3	134.3	133.6	117.3	115.0
May	123.7	121.3	109.5	134.6	133.9	117.8	115.4
June	125.6	123.2	110.2	135.9	134.8	121.4	116.1
July	129.2	126.5	111.2	143.8	136.3	122.8	115.9
August	129.7	126.2	111.6	146.2	136.9	123.0	116.0
September	132.2	130.0	113.6	146.3	138.6	125.7	118.0
October	133.2	129.0	114.8	147.7	144.5	130.1	121.0
November	135.0	130.2	116.2	147.9	156.5	131.8	123.5
December	140.3	133.1	119.3	148.1	171.3	151.9	125.6
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							
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

Source: National Statistics Office.

Table 2.14 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN AREAS OUTSIDE METROPOLITAN MANILA AREA: 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	123.3	124.3	117.7	123.1	126.1	123.3	117.4
February	123.7	124.3	118.6	124.1	127.4	124.1	118.2
March	124.0	124.4	119.2	124.9	128.7	124.6	118.8
April	124.4	124.8	120.0	125.3	129.2	124.8	119.0
May	125.2	125.8	120.5	125.7	130.4	125.3	119.4
June	126.2	126.6	121.2	127.4	131.5	127.4	120.0
July	127.8	128.0	122.0	130.8	132.1	129.4	120.8
August	128.6	128.9	122.7	131.6	133.1	129.7	121.5
September	129.6	129.7	123.8	133.0	136.2	130.3	122.3
October	132.6	132.2	125.5	134.8	143.7	137.4	123.8
November	135.3	134.4	127.7	137.0	147.3	143.8	125.8
December	139.3	137.5	129.8	138.7	152.7	157.8	128.0
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							
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

Source: National Statistics Office.

Table 2.15 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE CORDILLERA AUTONOMOUS REGION: 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	126.0	127.1	111.0	135.9	114.6	126.2	117.0
February	124.8	124.5	111.3	136.1	116.8	127.7	117.5
March	125.6	125.6	112.0	136.1	118.0	127.8	117.8
April	125.0	124.6	112.2	136.2	117.8	128.0	117.9
May	125.1	124.6	112.5	136.0	117.8	128.6	118.4
June	125.7	125.5	112.9	136.0	117.5	129.7	118.6
July	128.4	128.9	112.6	136.1	127.3	131.1	118.7
August	129.0	129.9	112.3	136.1	127.0	131.6	118.6
September	130.4	131.9	112.4	136.2	127.9	131.7	120.3
October	135.7	136.1	114.6	137.2	140.6	151.5	122.6
November	136.9	135.5	115.5	138.4	154.4	157.6	123.9
December	139.7	136.5	116.1	139.0	161.2	174.7	125.4
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							
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

Source: National Statistics Office.

Table 2.16 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION I (ILOCOS): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	124.3	124.5	121.1	111.8	138.2	123.4	131.7
February	123.4	122.6	122.4	111.9	138.8	123.9	132.4
March	122.3	121.2	122.9	111.9	132.5	124.2	132.8
April	123.3	122.6	123.0	112.5	134.4	124.2	133.1
May	124.7	124.7	123.2	112.7	135.0	124.1	133.4
June	125.7	125.8	124.6	113.0	136.7	125.9	133.8
July	128.1	129.6	125.1	113.1	137.2	126.7	133.1
August	129.4	131.3	124.8	113.2	137.2	126.9	135.5
September	130.6	133.2	125.8	113.3	137.2	127.3	135.7
October	133.9	135.5	126.8	113.8	142.5	138.8	138.4
November	136.1	137.1	128.4	114.5	149.3	144.2	140.1
December	140.2	139.3	130.6	114.9	153.3	165.4	141.6
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							
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

Source: National Statistics Office.

Table 2.17 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 2 (CAGAYAN VALLEY): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	125.2	126.7	118.4	142.4	122.8	116.0	110.9
February	123.7	124.6	118.9	142.6	116.3	117.0	111.4
March	122.9	123.7	118.2	143.1	108.5	117.3	112.8
April	122.7	123.3	118.5	143.1	108.8	117.5	113.3
May	123.7	124.4	119.2	143.8	111.5	118.5	113.5
June	124.4	125.2	119.3	143.9	111.9	118.9	114.0
July	126.1	126.5	119.2	144.0	112.0	126.8	114.3
August	128.1	129.5	119.9	143.9	112.7	127.6	115.1
September	129.1	129.8	120.7	147.5	114.9	128.5	117.9
October	133.6	135.1	122.8	148.0	117.1	134.9	120.9
November	135.3	136.1	123.9	148.2	119.2	141.5	123.3
December	137.3	137.0	124.4	148.3	120.8	154.2	123.4
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							
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

Source: National Statistics Office.

Table 2.18 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 3 (CENTRAL LUZON): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	121.4	119.8	113.6	116.1	137.4	134.5	116.0
February	121.9	120.5	114.0	116.3	137.2	134.9	116.5
March	121.0	118.8	114.5	116.3	138.0	135.0	116.9
April	121.2	118.9	115.2	116.6	138.0	135.2	117.2
May	121.6	119.3	115.1	117.0	140.1	135.4	117.3
June	122.7	120.3	115.2	118.2	142.9	137.3	118.1
July	123.5	120.9	115.6	118.1	146.2	138.2	119.7
August	124.4	121.9	117.2	118.3	147.9	138.5	120.8
September	125.7	123.4	117.9	120.7	148.0	139.4	120.7
October	130.7	130.0	121.6	120.4	152.6	145.0	121.7
November	134.9	134.5	122.2	121.0	154.7	156.4	123.2
December	136.9	134.8	123.7	122.8	160.6	166.3	124.7
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							
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

Source: National Statistics Office.

Table 2.19 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 4 (SOUTHERN TAGALOG): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	123.9	124.2	118.4	116.1	125.7	119.7	116.4
February	124.3	123.8	118.9	116.3	130.4	120.5	117.6
March	124.7	123.4	118.2	116.3	139.4	121.2	118.4
April	125.0	123.4	118.5	116.6	139.6	121.4	118.8
May	125.9	124.5	119.2	117.0	139.8	121.6	119.5
June	127.1	125.4	119.3	118.2	141.2	125.2	120.3
July	128.6	127.1	119.2	118.1	141.1	126.1	121.0
August	129.7	128.4	119.9	118.3	141.3	126.3	121.4
September	130.6	129.5	120.7	120.7	142.4	126.7	122.3
October	133.5	132.0	122.8	120.4	148.7	135.4	123.2
November	135.9	134.5	123.9	121.0	150.8	139.9	124.9
December	140.0	137.3	124.4	122.8	161.3	152.4	127.5
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							
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

Source: National Statistics Office.

Table 2.20 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 5 (BICOL): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	128.2	128.5	121.3	133.7	114.2	140.6	115.5
February	128.6	128.3	122.4	136.8	114.6	141.5	116.4
March	129.5	129.1	122.9	139.9	116.0	141.7	116.6
April	129.5	128.8	124.2	140.0	116.8	141.9	117.0
May	130.0	129.5	124.7	140.1	117.0	142.1	117.2
June	130.6	129.6	125.8	140.5	117.4	145.8	118.0
July	133.5	133.5	125.1	143.1	118.1	146.4	120.0
August	132.6	131.5	125.3	145.7	119.4	146.7	120.3
September	134.7	134.5	126.5	145.7	119.7	147.3	120.9
October	135.9	134.1	127.6	150.4	126.7	152.6	122.0
November	138.4	135.7	130.7	152.7	131.0	159.5	123.6
December	142.5	139.1	132.1	153.5	134.2	174.6	125.7
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							
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

Source: National Statistics Office.

Table 2.21 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 6 (WESTERN VISAYAS): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	125.7	130.1	120.4	116.9	118.2	119.1	120.6
February	125.6	129.8	121.7	116.9	117.2	119.6	121.4
March	126.1	130.3	122.2	117.2	118.2	120.1	121.7
April	126.8	131.4	122.2	117.4	118.2	120.5	121.4
May	127.7	132.3	122.7	117.5	119.2	122.7	121.3
June	129.4	133.1	123.1	126.2	120.0	124.5	122.3
July	132.1	136.6	124.0	126.8	121.0	127.6	122.6
August	133.6	138.9	125.3	126.9	121.0	127.9	123.0
September	135.6	140.6	129.6	130.2	122.8	129.5	125.2
October	135.1	138.2	130.7	131.8	123.6	134.7	127.3
November	139.4	140.9	134.6	143.7	127.5	141.8	130.7
December	145.6	147.5	136.8	145.7	131.4	156.6	132.2
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							
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

Source: National Statistics Office.

Table 2.22 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 7 (CENTRAL VISAYAS): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	125.4	127.2	120.1	133.0	121.3	116.8	118.1
February	126.7	128.7	121.1	133.1	124.1	117.6	118.5
March	127.2	128.8	121.7	136.8	124.2	118.0	119.2
April	128.4	130.4	123.8	136.8	124.3	118.2	119.6
May	130.4	133.1	126.1	136.9	127.5	118.6	119.7
June	130.8	133.6	126.1	136.8	128.7	118.8	120.1
July	134.2	133.0	126.0	171.9	128.8	119.9	120.3
August	135.1	133.6	126.0	171.9	137.3	120.1	121.5
September	136.1	132.5	125.8	172.0	167.7	120.2	121.0
October	143.0	135.4	127.6	189.4	209.1	130.1	121.1
November	145.3	137.2	128.7	189.6	215.5	136.7	122.9
December	151.1	141.9	129.5	190.5	221.8	158.9	125.8
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							
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

Source: National Statistics Office.

Table 2.23 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 8 (EASTERN VISAYAS): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	122.5	125.9	114.4	113.4	116.4	118.2	113.5
February	122.8	126.1	114.9	114.5	116.2	119.2	113.6
March	123.5	126.4	115.2	117.9	117.5	120.0	114.5
April	122.9	125.5	115.2	118.0	117.5	120.7	114.6
May	123.0	125.5	115.8	118.0	117.8	121.1	114.9
June	123.9	126.3	116.4	119.9	118.7	122.5	115.2
July	125.3	127.8	117.3	120.5	118.3	125.7	115.6
August	125.0	127.3	118.2	120.7	116.7	126.5	116.3
September	125.3	127.5	118.4	120.8	117.8	126.8	117.2
October	126.7	128.9	119.2	121.2	121.2	128.6	118.0
November	130.2	132.3	121.2	123.3	125.0	135.7	120.6
December	137.0	138.8	123.7	125.4	129.4	156.3	123.1
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							
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

Source: National Statistics Office.

Table 2.24 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 9 (WESTERN MINDANAO): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	123.8	125.5	116.8	124.3	118.2	122.9	117.9
February	124.0	125.0	119.6	125.5	120.2	124.2	118.8
March	125.4	126.9	121.3	125.6	120.5	125.0	119.5
April	125.7	127.2	123.0	125.8	119.9	125.1	120.1
May	127.4	129.3	122.5	125.9	125.1	125.5	120.5
June	128.2	129.6	124.4	130.6	124.9	126.5	121.5
July	129.5	130.7	126.2	134.2	124.2	127.3	122.8
August	131.0	133.1	125.0	134.3	124.6	127.1	123.0
September	129.0	129.8	126.2	134.7	125.0	127.6	123.2
October	132.5	133.1	128.9	136.7	129.7	133.4	126.5
November	134.4	135.1	131.7	137.7	132.9	136.0	127.5
December	140.3	140.5	136.4	139.6	137.4	154.2	130.1
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							
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

Source: National Statistics Office.

Table 2.25 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 10 (NORTHERN MINDANAO): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	121.8	122.3	114.1	115.3	155.3	120.2	113.2
February	122.8	123.2	115.4	116.0	157.0	121.4	114.2
March	123.7	124.2	116.2	116.5	158.1	122.8	114.5
April	124.8	125.6	118.0	116.7	159.2	123.3	114.7
May	125.2	126.0	118.4	116.8	159.2	123.5	115.9
June	126.1	127.0	119.4	116.8	159.0	125.5	116.0
July	126.6	127.5	119.5	117.4	153.0	129.9	116.3
August	126.2	126.0	121.8	120.8	153.3	130.3	116.9
September	126.9	126.2	123.6	125.4	153.6	130.5	117.9
October	129.1	128.7	124.3	126.0	155.6	134.5	118.6
November	129.4	127.7	126.9	126.8	156.7	139.7	120.3
December	133.8	131.2	128.6	128.0	159.5	157.8	122.2
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							
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

Source: National Statistics Office.

Table 2.26 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 11 (SOUTHERN MINDANAO): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	115.8	115.9	111.7	121.8	111.0	115.1	115.4
February	117.6	118.1	112.3	122.6	115.0	115.7	116.3
March	118.4	119.3	112.8	122.7	114.7	116.4	116.1
April	118.8	119.6	113.3	123.4	116.5	116.5	116.4
May	118.9	119.6	113.4	123.4	117.2	116.7	116.5
June	119.5	120.3	113.7	123.5	117.2	118.0	116.3
July	120.1	120.7	115.8	123.5	117.5	120.5	116.4
August	120.2	120.6	116.1	124.0	117.6	121.0	117.0
September	121.2	121.5	116.6	124.2	120.5	121.9	117.9
October	123.0	123.1	116.6	124.5	123.2	127.4	118.8
November	125.0	124.4	119.5	127.3	124.1	132.5	121.0
December	128.3	126.9	120.8	131.6	128.8	140.8	123.8
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							
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

Source: National Statistics Office.

Table 2.27 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 12 (CENTRAL MINDANAO): 1988 to 1992 (1988 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
January	123.4	126.5	120.3	104.1	123.9	123.8	119.4
February	124.4	127.0	120.2	109.0	125.4	125.3	120.1
March	125.6	128.5	120.4	109.4	124.5	125.6	121.7
April	126.3	129.3	121.0	109.5	127.1	125.9	122.0
May	127.3	130.6	122.4	109.9	127.6	126.2	122.6
June	129.1	132.3	123.8	113.0	128.6	128.8	123.7
July	129.0	130.9	126.7	112.9	128.8	132.4	126.7
August	129.7	131.7	128.2	113.1	130.1	132.8	127.7
September	131.0	133.3	129.0	113.1	130.7	133.3	128.8
October	133.3	134.1	132.2	114.6	142.7	141.7	131.2
November	136.2	136.8	135.7	115.2	150.3	144.7	134.4
December	138.7	138.9	139.5	116.0	151.6	150.0	138.9
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							
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

Source: National Statistics Office.

Fig. 2.2 Inflation Rate, Philippines, 1985 to 1991

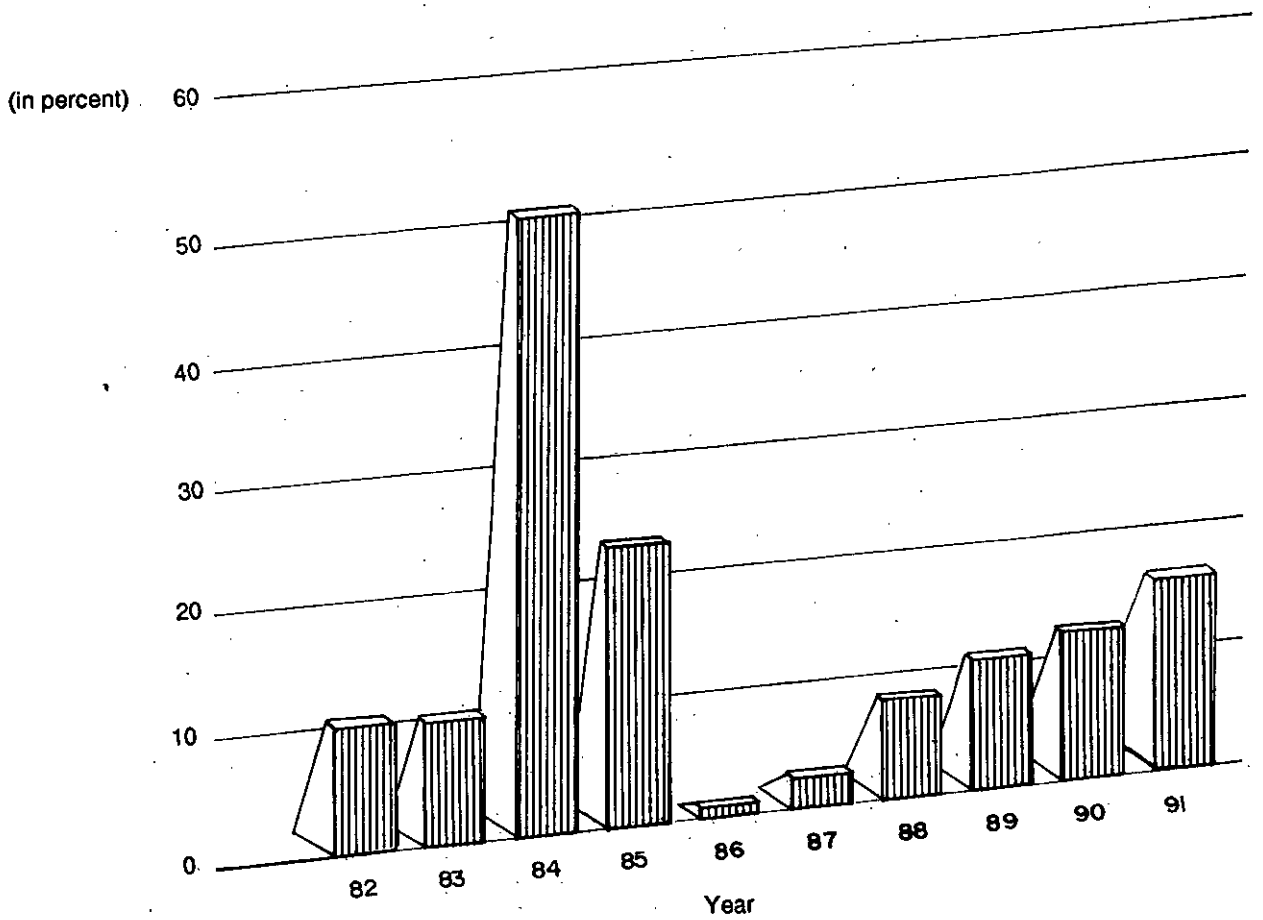

Fig. 2.3 Total Number of Families by Main Source of Income
Philippines, 1985 and 1988

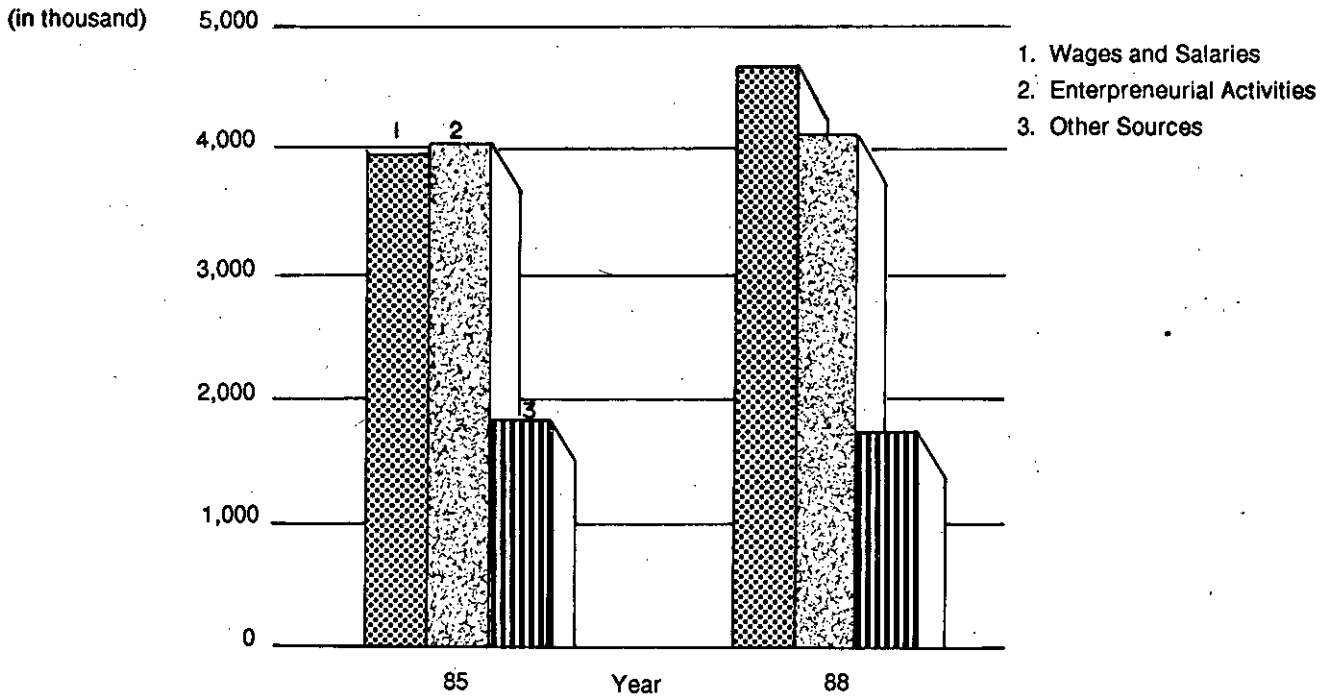

Table 2.28 – CONSUMER PRICE INDEX OF METROPOLITAN MANILA AREA (NATIONAL (1988

Period	Food beverages and tobacco	Cereals			Food	
		Rice and Corn	Rice	Corn	Cereal prepara-tions	Dairy Product
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
January	118.9	117.8	117.7	134.4	110.6	115.0
February	117.7	118.7	118.5	142.8	111.9	117.7
March	118.1	120.0	119.8	146.6	112.2	118.7
April	119.7	120.4	120.1	150.4	112.4	119.3
May	121.3	120.5	120.3	148.9	112.5	119.3
June	123.2	120.5	120.3	147.9	112.8	119.7
July	126.5	122.6	122.4	147.5	113.5	120.3
August	126.2	125.2	125.0	147.5	114.4	120.3
September	130.0	129.2	129.0	146.8	115.5	121.2
October	129.0	131.3	131.2	146.0	119.0	125.4
November	130.2	130.6	130.5	146.2	121.4	129.3
December	132.9	132.0	131.9	146.0	123.1	131.0
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						
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

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

FOOD, BEVERAGES AND TOBACCO FOR CAPITAL REGION): 1988 to 1992 =100)

Food						
Eggs	Fish	Fruits and Vegetables	Meat	Miscellaneous	Beverage	Tobacco
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
126.8	128.6	111.3	119.5	122.2	117.9	108.2
116.6	129.2	105.3	116.0	122.0	118.3	107.8
110.4	126.8	105.5	118.7	121.9	117.9	108.4
107.9	131.7	108.8	122.3	122.0	117.7	108.4
109.2	131.0	121.8	122.9	122.2	118.3	108.2
123.5	136.4	130.4	122.3	122.2	120.6	108.3
126.8	136.6	154.3	122.5	122.4	122.4	109.0
127.6	141.4	136.6	125.4	122.7	124.5	110.7
126.5	144.7	163.0	123.2	123.7	126.1	112.7
126.6	141.0	144.5	124.4	124.2	129.1	117.1
127.5	147.0	141.8	125.9	124.5	130.1	122.5
145.1	154.8	133.6	134.1	125.8	131.0	125.3
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
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

Table 2.29 – RETAIL PRICE INDEX FOR METROPOLITAN (1978

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	471.9	387.5	408.9
1989	467.6	472.4	503.9		343.0
1990	512.6	517.1	555.2	439.5	472.0
January	492.7	493.3	536.1	422.9	416.1
February	491.8	490.1	539.6	433.2	416.8
March	493.8	492.8	540.8	431.3	417.1
April	498.2	499.6	540.9	430.7	417.1
May	449.2	501.4	540.6	429.2	417.5
June	505.6	509.9	545.5	429.1	417.5
July	511.7	518.5	549.4	429.0	417.6
August	515.3	522.3	556.7	434.8	418.9
September	530.1	537.1	563.2	439.1	447.1
October	536.9	534.0	577.6	456.6	522.3
November	546.4	544.9	584.2	462.7	522.3
December	579.8	561.1	587.2	475.0	833.8
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					
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

Source: National Statistics Office.

MANILA AREA (NATIONAL CAPITAL REGION): 1981 to 1992 = 100)

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
486.2	525.5	370.5	522.3
493.6	526.4	373.1	524.0
492.1	529.3	372.3	524.0
493.7	529.4	373.1	526.2
496.6	528.3	373.3	527.0
496.3	533.9	375.3	528.4
504.3	535.5	375.8	529.2
506.0	538.1	376.4	531.7
513.9	557.6	388.0	536.5
519.9	571.9	395.0	549.4
528.8	581.2	408.7	556.8
542.0	603.4	412.1	570.0
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
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

Table 2.30 – GENERAL WHOLESALE PRICE INDEX (NATIONAL CAPITAL REGION): (1978

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
January	575.0	717.1	493.0	468.2	471.6
February	570.4	703.0	493.6	464.2	470.6
March	573.7	704.3	494.4	457.5	452.7
April	574.4	715.9	494.4	453.2	420.6
May	578.0	722.2	494.4	451.8	420.6
June	583.3	731.3	494.4	458.5	414.9
July	595.2	755.4	511.4	461.9	427.5
August	611.4	759.6	516.0	470.3	583.1
September	636.9	779.0	520.0	476.4	747.8
October	647.2	767.1	534.1	510.0	841.9
November	667.2	794.8	542.0	519.3	867.5
December	676.9	814.2	551.6	521.9	827.5
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					
January	737.2	890.3	642.7	662.0	621.1
February	715.2	846.8	643.5	639.4	604.6
March	714.9	840.5	645.0	646.7	604.7
April	708.5	824.5	643.2	640.6	596.0
May	714.5	837.3	645.7	642.3	609.4

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

FOR METROPOLITAN MANILA AREA
1981 to 1992
= 100)

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
381.7	521.2	458.8	574.5
410.8	524.6	459.0	575.0
420.6	530.3	481.9	575.0
410.8	528.1	482.5	575.6
411.0	532.5	489.4	573.4
406.7	540.7	489.4	585.2
405.2	540.4	489.5	586.6
416.1	542.6	490.1	588.0
429.3	554.2	494.7	614.8
439.5	569.1	495.7	617.3
464.5	577.3	516.1	618.1
473.8	590.7	524.7	635.4
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
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
583.2	675.0	538.4	708.5

Table 2.31 – WHOLESALE PRICE INDEX OF SELECTED METROPOLITAN MANILA AREA (1978

Period	Automotive fuel 1/	Portland cement 2/	Reinforcing steel	Asphaltic materials
1981	261.1	207.6	141.1	256.1
1982	264.2	219.8	141.1	262.4
1983	302.7	229.8	170.7	295.8
1984	517.9	311.0	314.8	484.1
1985	607.7	328.6	315.1	534.1
1986	492.7	347.8	315.7	409.4
1987	472.5	382.6	327.9	419.9
1988	459.0	384.8	337.1	488.3
1989				
1990	594.4	684.1	441.7	729.3
January	534.6	594.2	425.8	617.8
February	534.6	594.2	425.8	617.8
March	534.6	646.2	425.8	617.8
April	534.6	680.2	425.8	617.8
May	534.6	630.7	425.8	617.8
June	534.6	744.9	425.8	617.8
July	534.6	705.5	425.8	617.8
August	534.6	704.8	425.8	617.8
September	669.4	707.9	457.7	896.4
October	669.4	715.3	478.6	896.4
November	669.4	736.8	478.6	896.4
December	848.1	748.8	478.6	1,120.2
1991	819.0	503.0	314.0	672.9
January	858.8	750.1	535.9	1,153.3
February	858.8	802.7	535.9	1,153.5
March	858.8	833.6	535.9	1,153.5
April	858.8	858.6	535.9	1,153.5
May	858.8	883.7	535.9	1,153.5
June	858.8	937.8	544.2	1,153.5
July	858.8	969.1	544.2	1,153.5
August	800.5	927.3	544.2	1,034.2
September	756.2	911.2	544.2	946.1
October	756.2	923.5	544.2	946.1
November	756.2	886.8	544.2	946.1
December	747.4	861.0	544.2	946.1

* Rebased to 1988 = 100.
1 Includes other refined petroleum products.
2 Includes white cement from 1976 to 1982.

Sources of basic data: National Statistics Office, Bureau of Agricultural Statistics.

*MATERIALS USED IN CONSTRUCTION ACTIVITIES IN (NATIONAL CAPITAL REGION): 1981 to 1991 = 100) **

Metal products	Lumber products	Electrical machineries & fixtures	Structural steel
151.3	204.8	129.6	137.9
151.3	203.6	139.8	129.8
167.9	203.4	149.7	137.3
277.2	279.2	201.6	242.7
331.8	291.0	224.0	301.6
340.0	294.7	215.7	301.4
365.4	342.3	226.9	322.2
403.8	383.4	281.5	393.1
547.4	551.6	334.7	521.9
520.1	547.7	316.9	482.8
530.0	547.7	318.6	482.8
530.6	547.7	318.6	482.8
525.2	537.7	318.0	491.3
524.7	537.7	318.9	491.3
533.3	537.7	319.8	491.3
532.6	537.7	319.8	491.3
536.6	545.5	319.8	508.4
559.8	552.8	359.1	576.8
577.1	568.6	359.4	576.8
586.8	573.1	372.0	589.6
612.0	585.4	376.0	598.1
371.1	360.9	239.9	390.2
630.9	614.8	386.2	683.6
635.3	614.8	387.2	683.6
636.5	614.9	389.0	683.6
635.2	612.5	410.9	683.6
637.8	624.3	410.9	598.1
640.4	624.6	445.7	598.1
640.4	624.6	448.6	598.1
638.6	627.4	451.9	598.1
642.3	637.4	434.2	598.1
646.1	644.5	436.4	598.1
661.4	628.0	429.1	623.8
670.7	631.8	430.5	623.8

Table 2.32 – RETAIL PRICE INDEX OF SELECTED METROPOLITAN MANILA AREA (1978

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
January	478.1	549.5	504.0	435.0
February	476.1	542.0	502.6	443.3
March	484.5	540.4	501.6	455.9
April	482.5	537.5	502.4	466.7
May	481.2	537.3	504.4	456.0
June	485.7	535.7	506.2	484.0
July	487.1	539.6	516.0	479.2
August	493.0	552.5	515.2	483.0
September	514.3	571.9	525.8	488.5
October	532.5	602.5	544.9	497.2
November	548.6	621.6	566.4	511.8
December	578.8	659.1	582.6	535.5
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				
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

Sources of basic data: National Statistics Office

MATERIALS USED IN CONSTRUCTION ACTIVITIES IN (NATIONAL CAPITAL REGION): 1981 to 1992 = 100)

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
379.6	519.8	527.3	389.8
390.8	523.8	508.7	386.7
382.9	521.8	504.4	426.8
389.6	521.9	480.8	418.5
383.3	521.8	478.2	427.9
384.1	521.8	469.0	426.8
385.6	527.4	473.5	426.5
389.0	532.6	480.2	424.0
395.3	538.4	536.7	461.5
404.4	544.5	538.7	485.6
433.7	577.3	551.2	487.8
453.7	611.3	602.0	504.9
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
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

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 (SCO) 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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Fig. 3.1 Gross Domestic Product by Expenditure Share at Constant Prices (1985 = 100) 1991

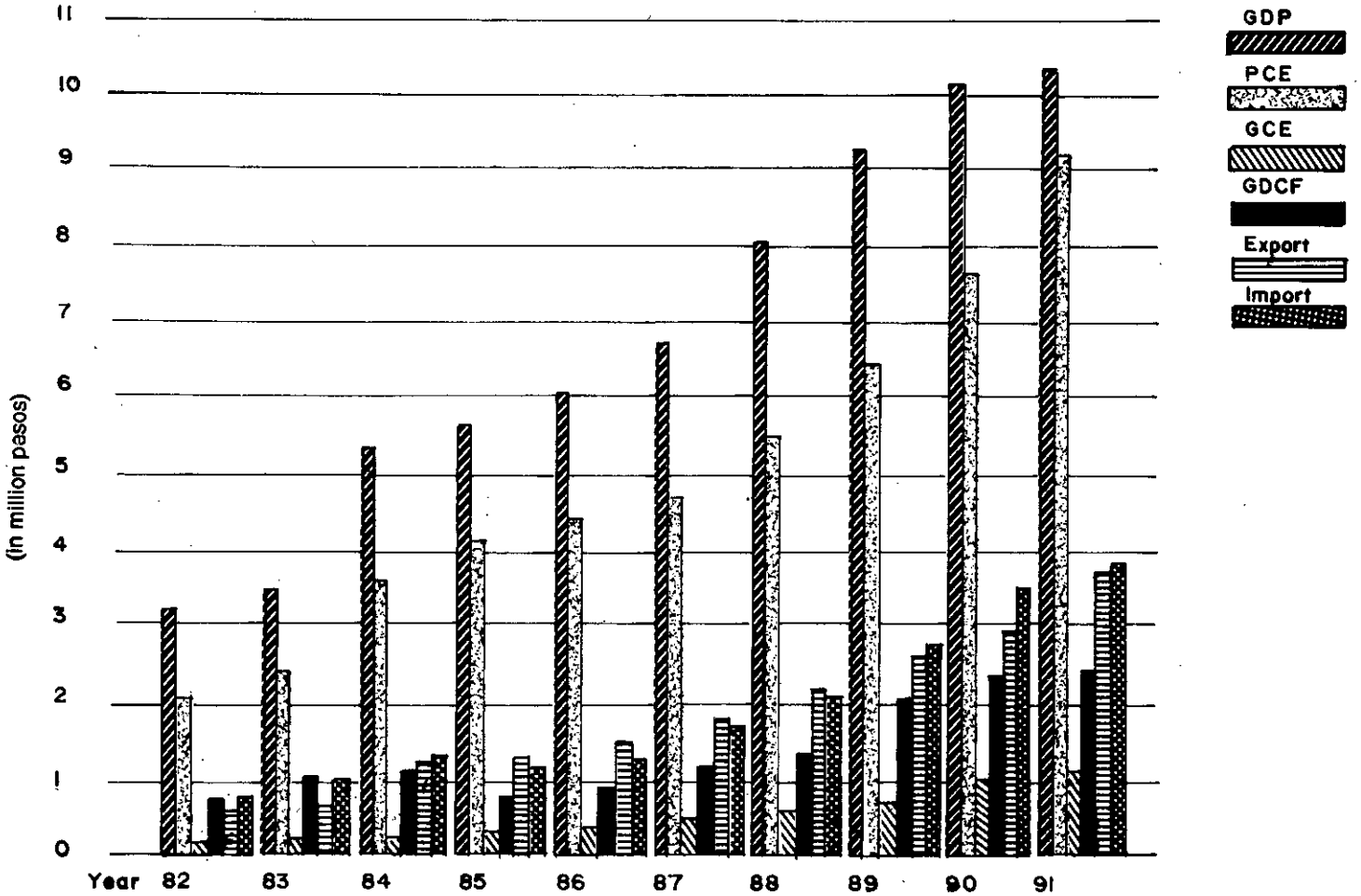

Fig. 3.2 Gross Domestic Product by Industrial Origin at Constant Prices (1985 = 100) 1991

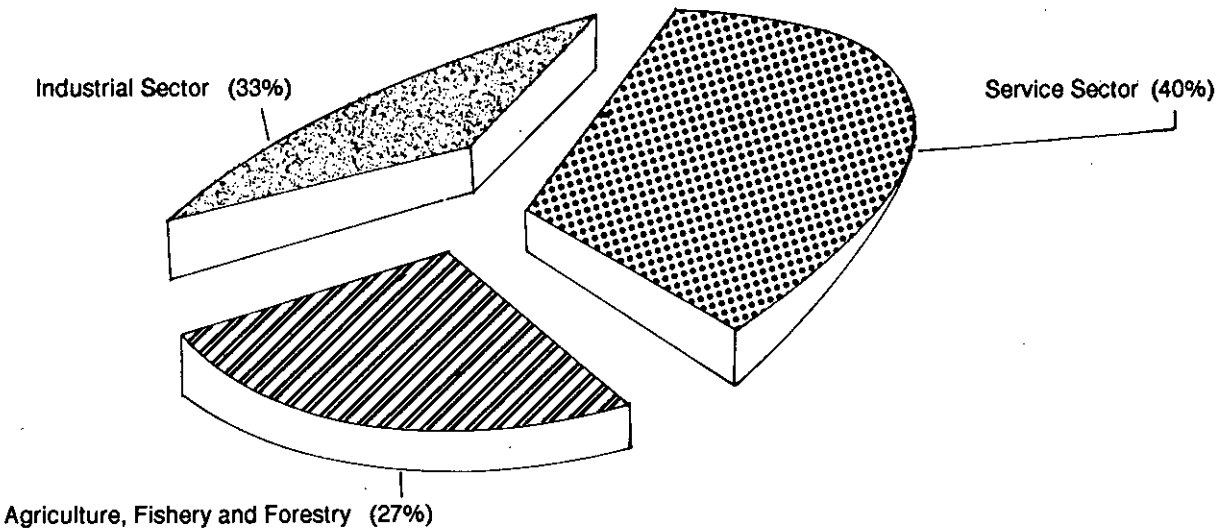

Table 3.1 – GROSS DOMESTIC PRODUCT AND
(In million pesos

TRANSACTION ITEMS	1980	1981	1982	1983
1. Compensation of employees	77,013	90,077	101,392	112,341
2. Net operating surplus	129,491	149,888	168,488	198,136
a. Interest payment	18,745	29,715	36,111	45,561
b. Profit	110,746	120,173	132,377	152,575
3. Depreciation	17,113	19,997	22,743	29,080
4. Indirect taxes	20,739	22,169	25,119	30,102
5. Less: Subsidies	607	535	565	582
GROSS DOMESTIC PRODUCT	243,749	281,596	317,177	369,077
6. Personal consumption expenditure	156,824	181,546	208,104	237,479
7. Government consumption expenditure	22,099	24,661	28,929	30,552
8. Gross domestic capital formation	70,898	77,334	88,414	109,227
a. Fixed capital	66,350	78,147	87,325	110,167
b. Changes in stocks	4,548	(813)	1,089	(940)
9. Exports of goods & services	57,458	67,094	64,526	79,813
10. Less: Imports of goods & services	69,398	76,514	82,897	103,641
11. Statistical discrepancy	5,868	7,475	10,101	15,647
EXPENDITURE ON GROSS DOMESTIC PRODUCT	243,749	281,596	317,177	369,077

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

EXPENDITURE ACCOUNT : 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
152,182	172,864	188,078	215,541	278,874	324,386	374,679	434,645
285,559	301,489	317,304	345,936	399,747	452,277	529,726	590,761
66,438	67,147	58,773	63,024	64,729	78,158	105,277	102,624
219,121	234,342	258,531	282,912	335,018	374,119	424,449	488,137
48,374	56,674	60,017	63,966	67,162	72,001	82,249	101,782
38,691	41,793	45,778	61,913	59,454	82,705	101,185	117,243
325	937	2,290	2,288	2,718	6,208	13,260	6,784
524,481	571,883	608,887	685,068	802,519	925,161	1,074,579	1,237,647
362,257	420,832	444,529	482,330	558,765	649,276	767,061	916,269
36,880	43,520	48,431	57,333	72,183	85,376	107,329	116,912
114,303	87,697	97,441	123,186	147,515	202,113	241,333	248,558
128,587	99,818	102,374	116,373	143,184	193,181	234,249	246,440
(14,284)	(12,121)	(4,933)	6,813	4,331	8,932	7,084	2,118
126,682	137,030	160,187	182,179	226,431	263,880	299,211	372,251
131,504	125,205	136,235	179,030	215,292	280,118	358,548	391,856
15,863	8,009	(5,466)	19,070	12,917	4,634	18,193	(24,487)
524,481	571,883	608,887	685,068	802,519	925,161	1,074,579	1,237,647

Table 3.2 – NATIONAL DISPOSABLE INCOME AND
(In million pesos

TRANSACTION ITEMS	1980	1981	1982	1983
1. Personal consumption expenditure	56,824	181,546	208,104	237,479
2. Government consumption expenditure	22,099	24,661	28,929	30,552
3. Net saving	49,206	56,543	55,532	69,073
APPROPRIATION OF NET NATIONAL DISPOSABLE INCOME	228,129	262,750	292,565	337,104
4. Compensation of employees	81,671	96,444	111,183	124,692
a. From resident producers	77,013	90,077	101,392	112,341
b. From the rest of the world	4,726	6,438	9,860	12,425
c. Less: To the rest of the world	68	71	69	74
5. Net operating surplus	124,354	142,468	155,064	179,976
a. From resident producers	129,491	149,888	168,488	198,136
b. From the rest of the world	2,552	4,121	3,134	4,010
c. Less: To the rest of the world	7,689	11,541	16,558	22,170
6. Indirect taxes	20,739	22,169	25,119	30,102
7. Less: Subsidies	607	535	565	582
8. Current transfers from the rest of the world	3,364	3,812	4,241	5,335
9. Less: Current transfers to the rest of the world	1,392	1,608	2,477	2,419
NET NATIONAL DISPOSABLE INCOME	228,129	262,750	292,565	337,104
10. Memorandum items:				
a. Net National Income (Net National Product) at Factor Cost (4 + 5)	206,025	238,912	266,247	304,668
b. Net National Income (Net National Product) at Market Prices (10a + 6 – 7)	226,157	260,546	290,801	334,188

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

ITS APPROPRIATION ACCOUNT : 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
362,257	420,832	444,529	482,330	558,765	649,276	767,061	916,269
36,880	43,520	48,431	57,333	72,183	85,376	107,329	116,912
62,684	37,271	44,167	75,708	103,447	116,082	125,892	126,863
461,821	501,623	537,127	615,371	734,395	850,734	1,000,282	1,160,044
165,606	190,900	208,219	239,278	304,941	355,444	415,902	492,041
152,182	172,864	188,078	215,541	278,874	324,386	374,679	434,645
13,444	18,055	20,264	23,799	26,277	31,145	41,345	57,644
20	19	123	62	210	87	122	248
256,139	267,644	284,552	310,261	366,320	409,901	490,765	547,408
285,559	301,489	317,304	345,936	399,747	452,277	529,726	590,761
5,539	6,671	4,781	6,166	6,237	7,793	9,501	12,427
34,959	40,516	37,533	41,841	39,664	50,169	48,462	55,780
38,691	41,793	45,778	61,913	59,454	82,705	101,185	117,243
325	937	2,290	2,288	2,718	6,208	13,260	6,784
6,539	7,193	9,021	11,815	16,666	18,047	17,458	23,000
4,829	4,970	8,153	5,608	10,268	9,155	11,768	12,864
461,821	501,623	537,127	615,371	734,395	850,734	1,000,282	1,160,044
421,745	458,544	492,771	549,539	671,261	765,345	906,667	1,039,449
460,111	499,400	536,259	609,164	727,997	841,842	994,592	1,149,908

Table 3.3 – GROSS ACCUMULATION ACCOUNT:
(In million pesos

TRANSACTION ITEMS	1980	1981	1982	1983
1. *Gross fixed capital formation*	66,350	78,147	87,325	110,167
2. *Changes in stocks*	4,548	(813)	1,089	(940)
3. *Net lending to the rest of the world*	(10,440)	(8,134)	(20,231)	(25,611)
GROSS ACCUMULATION	60,458	69,200	68,183	83,616
4. *Institutional saving, net*	49,206	56,543	55,532	69,073
a. *Private corporations*	362	(5,915)	(9,217)	(11,226)
b. *Government corporations*	3,551	2,940	645	(27)
c. *General government*	11,464	12,721	11,742	14,884
d. *Households and unincorporated enterprises*	33,829	46,797	52,362	65,442
5. *Depreciation*	17,113	19,997	22,743	29,080
6. *Capital transfer from the rest of the world*	7	135	9	1,110
7. *Less: Statistical discrepancy*	5,868	7,475	10,101	15,647
FINANCE OF GROSS ACCUMULATION	60,458	69,200	68,183	83,616

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
128,587	99,818	102,374	116,373	143,184	193,181	234,249	246,440
(14,284)	(12,121)	(4,933)	6,813	4,331	8,932	7,084	2,118
(18,260)	(590)	18,409	518	10,372	(13,897)	(48,586)	5,267
96,043	87,107	115,850	123,704	157,887	188,216	192,747	253,825
62,684	37,271	44,167	75,708	103,447	116,082	125,892	126,863
(6,771)	(28,372)	(9,121)	(4,531)	15,625	7,020	18,564	24,821
(7,451)	(13,143)	(17,560)	(11,762)	(6,360)	(1,692)	9,241	13,705
17,393	16,504	8,344	20,136	11,659	29,029	13,220	34,528
59,513	62,282	62,504	71,865	82,523	81,725	84,867	53,809
48,374	56,674	60,017	63,966	67,162	72,001	82,249	101,782
848	1,171	6,200	3,100	195	4,767	2,799	693
15,863	8,009	(5,466)	19,070	12,917	4,634	18,193	(24,487)
96,043	87,107	115,850	123,704	157,887	188,216	192,747	253,825

Table 3.4 – EXTERNAL TRANSACTIONS ACCOUNT:
(In million pesos

TRANSACTION ITEMS	1980	1981	1982	1983
1. Exports of goods and services	57,458	67,094	64,526	79,813
*a. Merchandise FOB, SNA **	43,449	48,198	44,526	56,453
*Merchandise FOB, FTS ***	43,272	45,577	42,635	55,623
Less: Special transactions	782	537	499	1,017
*Plus: Monetization of gold, CBP ***	959	3,158	2,390	1,847
b. Non-factor services	14,009	18,896	20,000	23,360
2. Compensation of employees from the rest of the world	4,726	6,438	9,860	12,425
3. Property and entrepreneurial income from the rest of the world	2,552	4,121	3,134	4,010
4. Current transfers from the rest of the w	3,364	3,812	4,241	5,335
a. To general government	7	25	46	25
b. To households	3,357	3,787	4,195	5,310
CURRENT RECEIPTS	68,100	81,465	81,761	101,583
5. Imports of goods and services	69,398	76,514	82,897	103,641
*a. Merchandise CIF, SNA **	61,087	65,896	69,932	87,515
*Merchandise FOB, FTS ***	58,509	63,263	65,924	82,848
Plus: Insurance and freight, FTS	4,024	3,967	5,083	6,332
Less: Special transactions	1,446	1,334	1,075	1,665
Plus: Demonetization of gold, CBP	0	0	0	0
b. Non-factor services	8,311	10,618	12,965	16,126
6. Compensation of employees to the rest of the world	68	71	69	74
7. Property and entrepreneurial income to the rest of the world	7,689	11,541	16,558	22,170
8. Government interest payments on public	1,193	1,451	2,312	2,202
9. Current transfers to the rest of the worl	199	157	165	217
a. Government contributions to international organization	161	133	148	162
b. Households	38	24	17	55
10. Surplus on current transactions	(10,447)	(8,269)	(20,240)	(26,721)
CURRENT DISBURSEMENTS	68,100	81,465	81,761	101,583
11. Surplus on current transactions	(10,447)	(8,269)	(20,240)	(26,721)
12. Capital transfers from the rest of the w	7	135	9	1,110
13. Net lending to the rest of the world	(10,440)	(8,134)	(20,231)	(25,611)

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.
* SNA – System of National Accounts
** Foreign Trade Statistics, NSO
*** Balance of Payments, CBP

1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
126,682	137,030	160,187	182,179	226,431	263,880	299,211	372,251
90,883	88,020	101,148	121,557	152,637	174,098	199,458	248,309
89,865	85,811	98,089	116,870	148,031	169,293	197,853	244,821
1,770	1,879	2,602	2,755	1,966	1,535	2,570	3,935
2,788	4,088	5,661	7,442	6,572	6,340	4,175	7,423
35,799	49,010	59,039	60,622	73,794	89,782	99,753	123,942
13,444	18,055	20,264	23,799	26,277	31,145	41,345	57,644
5,539	6,671	4,781	6,166	6,237	7,793	9,501	12,427
6,539	7,193	9,021	11,815	16,666	18,047	17,458	23,000
26	76	285	1,193	1,460	1,136	1,202	3,003
6,513	7,117	8,736	10,622	15,206	16,911	16,256	19,997
152,204	168,949	194,253	223,959	275,611	320,865	367,515	465,322
131,504	125,205	136,235	179,030	215,292	280,118	358,548	391,856
105,817	98,550	106,345	142,898	175,129	237,450	311,040	348,295
102,894	96,354	102,493	138,994	170,894	226,995	297,794	321,243
5,874	5,923	7,583	8,731	7,763	10,455	13,246	27,052
2,951	3,727	3,731	4,827	3,528	5,938	7,093	7,355
0	0	0	0	0	0	0	0
25,687	26,655	29,890	36,132	40,163	42,668	47,508	43,561
20	19	123	62	210	87	122	248
34,959	40,516	37,533	41,841	39,664	50,169	48,462	55,780
—4,665	4,646	7,885	5,383	9,943	8,862	11,435	12,466
164	324	268	225	325	293	333	398
146	153	187	183	283	250	259	370
18	171	81	42	42	43	74	28
(19,108)	(1,761)	12,209	(2,582)	10,177	(18,664)	(51,385)	4,574
152,204	168,949	194,253	223,959	275,611	320,865	367,515	465,322
(19,108)	(1,761)	12,209	(2,582)	10,177	(18,664)	(51,385)	4,574
848	1,171	6,200	3,100	195	4,767	2,799	693
(18,260)	(590)	18,409	518	10,372	(13,897)	(48,586)	5,267

Table 3.5A – INCOME AND OUTLAY ACCOUNT,
(At current

TRANSACTION ITEMS	1980	1981	1982	1983
1. Net operating surplus	15,070	12,716	12,962	16,787
2. Property income	2,438	3,296	4,413	5,168
3. Casualty insurance claims	560	588	619	679
4. Net casualty insurance premiums	965	980	1,045	1,085
TOTAL RECEIPTS	19,033	17,580	19,039	23,719
5. Interest payments	8,918	13,797	17,125	24,426
6. Dividends	5,074	4,936	4,916	5,746
7. Net casualty insurance premiums	560	588	619	679
8. Casualty insurance claims	965	980	1,045	1,085
9. Direct taxes	3,154	3,194	4,551	3,009
10. Saving	362	(5,915)	(9,217)	(11,226)
TOTAL DISBURSEMENTS	19,033	17,580	19,039	23,719
11. Memorandum Items:				
1. Disposable Income = Saving				
2. Primary Income (1 + 2) – (5 +6)	3,516	(2,721)	(4,666)	(8,217)

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

PRIVATE CORPORATIONS: 1980 to 1991
prices)

1984	1985	1986	1987	1988	1989	1990	1991
28,064	12,775	24,496	48,473	71,498	69,551	94,664	108,141
8,898	17,580	11,338	8,395	12,159	12,873	15,812	16,384
801	842	852	689	1,025	1,348	1,454	1,600
1,301	1,388	1,349	1,499	1,744	2,042	2,219	2,434
39,064	32,585	38,035	59,056	86,426	85,814	114,149	128,559
31,584	31,447	28,054	36,361	38,939	35,163	49,317	42,240
6,028	19,393	8,136	12,178	15,057	25,329	23,364	32,066
801	842	852	689	1,025	1,348	1,454	1,600
1,301	1,388	1,349	1,499	1,744	2,042	2,219	2,434
6,121	7,887	8,765	12,860	14,036	14,912	19,231	25,398
(6,771)	(28,372)	(9,121)	(4,531)	15,625	7,020	18,564	24,821
39,064	32,585	38,035	59,056	86,426	85,814	114,149	128,559
(650)	(20,485)	(356)	8,329	29,661	21,932	37,795	50,219

Table 3.5B – INCOME AND OUTLAY ACCOUNT,
(At current

TRANSACTION ITEMS	1980	1981	1982	1983
1. Net operating surplus	11,647	15,188	15,515	16,859
2. Interest income and dividends	0	561	931	582
3. Net casualty insurance premiums	17	45	67	156
4. Casualty insurance claims	249	254	271	286
TOTAL RECEIPTS	11,913	16,048	16,784	17,883
5. Interest payments	7,894	12,724	15,659	17,270
6. Dividends	0	0	0	0
7. Casualty insurance claims	17	45	67	156
8. Net casualty insurance premiums	249	254	271	286
9. Current transfers to Households	139	39	94	130
10. Direct taxes	63	46	48	68
11. Saving	3,551	2,940	645	(27)
TOTAL DISBURSEMENTS	11,913	16,048	16,784	17,883
12. Memorandum Items:				
1. Disposable Income = Saving				
2. Primary Income (1 + 2) – (5 + 6)	3,753	3,025	787	171

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GOVERNMENT CORPORATIONS: 1980 to 1991
prices)

1984	1985	1986	1987	1988	1989	1990	1991
22,106	10,131	7,216	8,091	12,563	27,622	48,476	56,548
2,070	7,441	3,884	3,498	3,430	3,879	5,819	7,762
181	229	178	176	341	492	538	500
341	363	223	484	488	426	451	460
24,698	18,164	11,501	12,249	16,822	32,419	55,284	65,270
30,204	29,680	26,783	22,803	21,057	31,301	42,964	48,930
28	109	121	211	65	66	105	20
181	229	178	176	341	492	538	500
341	363	223	484	488	426	451	460
1,316	755	1,704	160	349	1,100	664	445
79	171	52	177	882	726	1,321	1,210
(7,451)	(13,143)	(17,560)	(11,762)	(6,360)	(1,692)	9,241	13,705
24,698	18,164	11,501	12,249	16,822	32,419	55,284	65,270
(6,056)	(12,217)	(15,804)	(11,425)	(5,129)	134	11,226	15,360

Table 3.5C – INCOME AND OUTLAY ACCOUNT,
(At current

TRANSACTION ITEMS	1980	1981	1982	1983
1. Net operating surplus	(123)	(140)	(57)	(28)
2. Property income	5,044	6,326	5,867	6,638
3. Compulsary fees & fines	1,192	1,427	1,940	1,983
4. Indirect taxes	20,739	22,169	25,119	30,102
5. Direct taxes	8,414	9,255	10,144	10,669
6. Social security contributions	3,266	3,678	3,970	4,235
7. Casualty insurance claims	12	12	20	28
8. Current transfers	375	449	476	648
TOTAL RECEIPTS	38,919	43,176	47,479	54,275
9. Government consumption expenditure	22,099	24,661	28,929	30,552
10. Subsidies	607	535	565	582
11. Social security benefits	1,411	1,633	2,025	2,344
12. Net casualty insurance premuims	12	12	20	28
13. Interest payment on public debt	1,104	918	1,265	2,745
14. Other current transfers	2,222	2,696	2,933	3,140
15. SAVING	11,464	12,721	11,742	14,884
TOTAL DISBURSEMENTS	38,919	43,176	47,479	54,275
16. Memorandum Items:				
1. Disposable Income (1 to 8) – (10 to 14) or (9 + 15)	33,563	37,382	40,671	45,436
2. Primary Income (1 + 2)	4,921	6,186	5,810	6,610

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GENERAL GOVERNMENT: 1980 to 1991
prices)

1984	1985	1986	1987	1988	1989	1990	1991
32	(248)	(120)	(290)	(553)	(710)	(305)	(551)
7,729	10,563	9,434	13,123	22,786	32,647	27,703	33,036
2,399	3,061	3,690	3,457	3,226	4,511	4,749	6,842
38,691	41,793	45,778	61,913	59,454	82,705	101,185	117,243
15,069	19,717	20,778	24,844	29,743	40,880	54,507	64,409
4,249	4,585	4,805	6,218	8,681	10,462	13,390	16,002
36	60	24	66	51	206	204	200
557	826	1,067	2,234	5,185	3,734	3,432	3,077
68,762	80,357	85,456	111,565	128,573	174,435	204,865	240,258
36,880	43,520	48,431	57,333	72,183	85,376	107,329	116,912
325	937	2,290	2,288	2,718	6,208	13,260	6,784
2,714	3,176	3,439	4,595	6,059	6,876	8,857	12,432
36	60	24	66	51	206	204	200
5,736	10,275	12,915	18,769	23,655	34,714	46,760	53,300
5,678	5,885	10,013	8,378	12,248	12,026	15,235	16,102
17,393	16,504	8,344	20,136	11,659	29,029	13,220	34,528
68,762	80,357	85,456	111,565	128,573	174,435	204,865	240,258
54,273	60,024	56,775	77,469	83,842	114,405	120,549	151,440
7,761	10,315	9,314	12,833	22,233	31,937	27,398	32,485

Table 3.5D – INCOME AND OUTLAY ACCOUNT, HOUSEHOLDS

(In million pesos

TRANSACTION ITEMS	1980	1981	1982	1983
1. Net operating surplus	102,897	122,124	140,068	164,518
2. Compensation of employees	81,671	96,444	111,183	124,692
3. Interest on public debt from general government	1,104	918	1,265	2,745
4. Other interest income	11,763	17,698	17,122	21,547
5. Social security benefits	1,411	1,633	2,025	2,344
6. Casualty insurance claims	161	171	202	248
7. Current transfers	4,364	4,938	4,762	6,216
TOTAL RECEIPTS	203,371	243,926	276,627	322,310
8. Personal consumption expenditure	156,824	181,546	208,104	237,479
9. Interest payments on consumer debt	563	650	730	788
10. Other interest payments	1,933	3,194	3,327	3,865
11. Other property income payment	0	0	0	0
12. Direct taxes	5,197	6,015	5,545	7,592
13. Compulsory fees, fines and penalties	1,192	1,427	1,940	1,983
14. Social security contribution	3,266	3,678	3,970	4,235
15. Net casualty insurance premiums	161	171	202	248
16. Current transfers	406	448	447	678
17. SAVING	33,829	46,797	52,362	65,442
TOTAL DISBURSEMENTS	203,371	243,926	276,627	322,310
18. Memorandum item:				
1. Personal Disposable Income (1 to 7) - (9 TO 16) or (8 + 17)	190,653	228,343	260,466	302,921
2. Primary Income (1+2)+(4-9)-(10+11)	193,835	232,422	264,316	306,104

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND UNINCORPORATED ENTERPRISES: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
235,357	278,831	285,712	289,662	316,239	355,814	386,891	426,623
165,606	190,900	208,219	239,278	304,941	355,444	415,902	492,041
5,736	10,275	12,915	18,769	23,655	34,714	46,760	53,300
25,711	18,702	10,868	16,143	9,831	10,095	43,462	37,565
2,714	3,176	3,439	4,595	6,059	6,876	8,857	12,432
304	352	428	436	521	554	595	591
8,696	8,958	12,381	13,594	17,577	20,925	20,461	23,708
444,124	511,194	533,962	582,477	678,823	784,422	922,928	1,046,260
362,257	420,832	444,529	482,330	558,765	649,276	767,061	916,269
1,334	1,482	1,246	1,421	1,782	2,628	3,011	3,390
4,650	6,020	3,936	3,860	4,733	7,383	12,996	11,454
0	0	0	0	0	0	0	0
8,869	11,659	11,961	11,807	14,825	25,242	33,955	37,801
2,399	3,061	3,690	3,457	3,226	4,511	4,749	6,842
4,249	4,585	4,805	6,218	8,681	10,462	13,390	16,002
304	352	428	436	521	554	595	591
549	921	863	1,083	3,767	2,641	2,304	102
59,513	62,282	62,504	71,865	82,523	81,725	84,867	53,809
444,124	511,194	533,962	582,477	678,823	784,422	922,928	1,046,260
421,770	483,114	507,033	554,195	641,288	731,001	851,928	970,078
420,690	480,931	499,617	539,802	624,496	711,342	830,248	941,385

Table 3.6 – GROSS NATIONAL PRODUCT
(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY EXPENDITURE SHARES : 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
362,257	420,832	444,529	482,330	558,765	649,276	767,061	916,269
36,880	43,520	48,431	57,333	72,183	85,376	107,329	116,912
114,303	87,697	97,441	123,186	147,515	202,113	241,333	247,590
128,587	99,818	102,374	116,373	143,184	193,181	234,249	246,440
82,948	56,892	54,133	63,043	73,184	98,937	114,919	114,355
37,897	33,261	39,091	42,112	56,951	79,030	101,968	111,317
7,742	9,665	9,150	11,218	13,049	15,214	17,362	20,768
(14,284)	(12,121)	(4,933)	6,813	4,331	8,932	7,084	1,150
126,682	137,030	160,187	182,179	226,431	263,880	299,211	373,840
131,504	125,205	136,235	179,030	215,292	280,118	358,548	387,694
15,863	8,009	(5,466)	19,070	12,917	4,634	17,894	(28,231)
524,481	571,883	608,887	685,068	802,519	925,161	1,074,280	1,238,686
(15,996)	(15,809)	(12,611)	(11,938)	(7,360)	(11,318)	2,262	15,142
508,485	556,074	596,276	673,130	795,159	913,843	1,076,542	1,253,828

Table 3.7 – GROSS NATIONAL PRODUCT
(In million pesos

TYPE OF EXPENDITURE	1980	1981	1982	1983
1. Personal consumption expenditures	397,404	407,958	422,067	424,634
2. Government Consumption	50,177	48,675	52,328	49,854
3. Capital formation	161,070	165,659	179,574	190,243
A. Fixed capital	150,716	169,028	177,632	191,810
1. Construction	79,757	91,121	92,878	110,669
2. Durable equipment	60,077	66,704	73,793	71,108
3. Breeding stocks & orchard development	10,882	11,203	10,961	10,033
B. Changes in stocks	10,354	(3,369)	1,942	(1,567)
4. Exports	154,748	164,698	151,489	158,252
5. Less : Imports	179,477	178,057	182,414	176,841
6. Statistical discrepancy	25,846	21,709	30,423	19,575
GROSS DOMESTIC PRODUCT	609,768	630,642	653,467	665,717
Net factor income from abroad	(1,168)	(2,317)	(7,303)	(10,234)
GROSS NATIONAL PRODUCT	608,600	628,325	646,164	655,483

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY EXPENDITURE SHARES : 1980 to 1991
at constant prices of 1985)

1984	1985	1986	1987	1988	1989	1990	1991
425,767	420,832	434,815	452,386	480,562	504,619	531,772	543,719
43,971	43,520	43,669	45,792	49,943	52,755	57,640	54,148
127,564	87,697	94,925	111,588	124,504	153,887	162,645	140,661
144,627	99,818	99,707	105,130	119,052	146,198	157,034	139,462
90,484	56,892	52,377	55,248	59,254	69,764	69,113	57,717
45,043	33,261	37,827	40,124	49,635	65,760	76,976	70,497
9,100	9,665	9,503	9,758	10,163	10,674	10,945	11,248
(17,063)	(12,121)	(4,782)	6,458	5,452	7,689	5,611	1,199
164,327	137,030	160,453	170,889	195,997	216,980	219,703	228,765
145,934	125,205	138,021	177,532	212,357	244,590	269,148	264,889
1,267	8,009	(4,418)	16,584	19,814	14,731	12,697	5,823
616,962	571,883	591,423	619,707	658,463	698,382	715,309	708,227
(18,622)	(15,809)	(12,248)	(10,978)	(6,170)	(8,689)	1,655	7,989
598,340	556,074	579,175	608,729	652,293	689,693	716,964	716,216

Table 3.8 – IMPLICIT PRICE INDEX OF GROSS
1980 to
(Base year:

TYPE OF EXPENDITURE	1980	1981	1982	1983
1. Personal consumption expenditure	39.46	44.50	49.31	55.93
2. Government Consumption	44.04	50.66	55.28	61.28
3. Capital Formation	44.02	46.68	49.24	57.41
A. Fixed Capital	44.02	46.23	49.16	57.44
1. Construction	46.74	50.46	54.22	60.27
2. Durable Equipment	40.09	40.19	42.51	52.96
3. Breeding Stock & orchard dev't	45.86	47.84	51.12	57.89
4. Exports	37.13	40.74	42.59	50.43
5. Less : Imports	38.67	42.97	45.44	58.61
GROSS DOMESTIC PRODUCT	39.97	44.65	48.54	55.44
GROSS NATIONAL PRODUCT	39.97	44.65	48.52	55.42

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

NATIONAL PRODUCT BY EXPENDITURE SHARES
1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
85.08	100.00	102.23	106.62	116.27	128.67	144.25	168.52
83.87	100.00	110.90	125.20	144.53	161.83	186.21	215.91
89.60	100.00	102.65	110.39	118.48	131.34	148.38	176.71
88.91	100.00	102.67	110.69	120.27	132.14	149.17	176.71
91.67	100.00	103.35	114.11	123.51	141.82	166.28	198.13
84.14	100.00	103.34	104.95	114.74	120.18	132.47	157.90
85.08	100.00	96.29	114.96	128.40	142.53	158.63	184.64
77.09	100.00	99.83	106.61	115.53	121.61	136.19	162.72
90.11	100.00	98.71	100.84	101.38	114.53	133.22	147.93
85.01	100.00	102.95	110.55	121.88	132.47	150.23	174.75
84.98	100.00	102.95	110.58	121.90	132.50	150.19	174.76

TABLE 3.9 – GROSS NATIONAL PRODUCT AND

(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN : 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
129,824	140,554	145,807	163,927	183,515	210,009	235,956	262,342
198,819	200,548	210,528	237,398	284,937	327,667	377,173	424,712
8,142	11,893	14,144	14,354	15,275	15,446	16,659	17,504
129,171	143,851	149,958	169,627	206,728	233,192	271,312	314,500
48,727	29,037	29,784	37,104	42,814	57,281	64,903	62,083
12,779	15,767	16,642	16,313	20,120	21,748	24,299	30,625
195,838	230,781	252,552	283,743	334,067	387,485	461,450	550,593
28,117	31,666	34,307	36,827	40,762	43,840	54,345	73,909
70,822	82,835	87,825	96,518	113,477	128,528	145,102	171,699
16,335	17,123	18,658	22,446	27,090	34,301	42,525	48,533
25,677	32,132	35,449	39,226	44,523	52,792	61,673	73,238
32,022	39,121	43,593	49,927	57,644	67,752	80,916	97,388
22,865	27,904	32,720	38,799	50,571	60,272	76,889	85,826
524,481	571,883	608,887	685,068	802,519	925,161	1,074,579	1,237,647
(15,996)	(15,809)	(12,611)	(11,938)	(7,360)	(11,318)	2,262	14,043
508,485	556,074	596,276	673,130	795,159	913,843	1,076,841	1,251,690

TABLE 3.10 – GROSS NATIONAL PRODUCT AND

(In million pesos

INDUSTRY	1980	1981	1982	1983
1. AGRI.FISHERY,FORESTRY	143,295	148,479	149,641	144,586
2. INDUSTRY SECTOR	247,059	258,545	264,957	268,987
a. Mining & Quarrying	9,128	9,350	9,165	9,244
b. Manufacturing	168,292	171,569	174,315	173,756
c. Construction	57,250	63,421	64,110	70,204
d. Electricity, Gas and Water	12,389	14,205	17,367	15,783
3. SERVICE SECTOR	219,414	223,618	238,869	252,144
a. Transportation, Comm. & Storage	29,175	30,629	31,415	32,622
b. Trade	79,335	79,511	86,338	89,739
c. Finance	24,003	20,770	21,914	24,957
d. Ownership of Dwellings & R. Estate	31,655	31,803	34,093	34,693
e. Private Services	29,896	33,783	36,918	42,289
f. Government Services	25,350	27,122	28,191	27,844
GROSS DOMESTIC PRODUCT	609,768	630,642	653,467	665,717
Net factor income from abroad	(1,168)	(2,317)	(7,281)	(10,234)
GROSS NATIONAL PRODUCT	608,600	628,325	646,186	655,483

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GROSS DOMESTIC PRODUCT BY INDUSTRIAL ORIGIN : 1980 to 1991
at constant prices of 1985)

1984	1985	1986	1987	1988	1989	1990	1991
143,247	140,554	145,725	150,414	155,292	159,964	160,734	161,859
238,038	200,548	205,164	216,173	232,500	251,581	256,136	247,813
8,959	11,893	12,313	11,232	11,704	11,389	11,091	10,770
156,195	143,851	146,453	154,604	167,681	178,396	181,983	180,506
56,027	29,037	28,547	31,742	33,235	41,384	42,639	35,928
16,857	15,767	17,851	18,595	19,880	20,412	20,423	20,609
235,677	230,781	240,534	253,120	270,671	286,837	298,439	298,555
32,060	31,666	33,075	35,086	37,898	40,243	41,217	41,407
83,637	82,835	86,917	90,038	94,645	99,283	101,354	102,677
20,110	17,123	18,517	21,465	23,814	27,235	29,964	29,091
32,585	32,132	33,205	34,759	36,691	39,083	40,146	40,242
39,506	39,121	40,120	42,060	45,301	47,534	49,353	49,273
27,779	27,904	28,700	29,712	32,322	33,459	36,405	35,665
616,962	571,883	591,423	619,707	658,463	698,382	715,309	708,227
(18,622)	(15,809)	(12,248)	(10,978)	(6,170)	(8,689)	1,655	7,989
598,340	556,074	579,175	608,729	652,293	689,693	716,964	716,216

TABLE 3.11 – IMPLICIT PRICE INDEX OF GROSS BY INDUSTRIAL ORIGIN

(Base year:

INDUSTRY	1980	1981	1982	1983
1. AGRI.FISHERY,FORESTRY	42.72	47.21	49.49	57.09
2. INDUSTRY SECTOR	38.27	42.67	46.48	53.83
a. Mining & Quarrying	59.82	55.33	53.27	66.88
b. Manufacturing	37.23	41.87	45.67	51.49
c. Construction	39.52	44.72	50.05	57.25
d. Electricity, Gas and Water	30.72	34.81	37.87	56.74
3. SERVICE SECTOR	40.10	45.25	50.22	56.21
a. Transportation, Comm. & Storage	38.80	43.32	46.73	54.71
b. Trade	37.41	41.88	45.96	52.09
c. Finance	39.40	44.55	49.11	54.03
d. Ownership of Dwellings & R. Estate	39.91	45.12	52.87	58.69
e. Private Services	43.13	48.56	54.43	59.82
f. Government Services	47.33	53.91	59.31	64.64
GROSS DOMESTIC PRODUCT	39.97	44.65	48.54	55.44
GROSS NATIONAL PRODUCT	39.97	44.65	48.52	55.42

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

Table 3.12 – PER CAPITA: GROSS DOMESTIC PRODUCT, GROSS

1980 to

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

* – Based on the latest Census of Population.
Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

NATIONAL PRODUCT AND DOMESTIC PRODUCT
1980 to 1991
1985=100)

1984	1985	1986	1987	1988	1989	1990	1991
90.63	100.00	100.06	108.98	118.17	131.29	146.80	162.08
83.52	100.00	102.61	109.82	122.55	130.24	147.25	171.38
90.88	100.00	114.87	127.80	130.51	135.62	150.20	162.53
82.70	100.00	102.39	109.72	123.29	130.72	149.09	174.23
86.97	100.00	104.33	116.89	128.82	138.41	152.22	172.80
75.81	100.00	93.23	87.73	101.21	106.55	118.98	148.60
83.10	100.00	105.00	112.10	123.42	135.09	154.62	184.42
87.70	100.00	103.72	104.96	107.56	108.94	131.85	178.49
84.68	100.00	101.04	107.20	119.90	129.46	143.16	166.90
81.23	100.00	100.76	104.57	113.76	125.94	141.92	166.83
78.80	100.00	106.76	112.85	121.35	135.08	153.62	181.99
81.06	100.00	108.66	118.70	127.25	142.53	163.95	197.65
82.31	100.00	114.01	130.58	156.46	180.14	211.20	240.64
85.01	100.00	102.95	110.55	121.88	132.47	150.23	174.75
84.98	100.00	102.95	110.58	121.90	132.50	150.19	174.76

NATIONAL PRODUCT AND PERSONAL CONSUMPTION EXPENDITURE
1991

1984	1985	1986	1987	1988	1989	1990	1991
9,831	10,461	10,873	11,943	13,667	15,394	17,479	19,686
9,531	10,171	10,648	11,735	13,542	15,205	17,515	19,909
6,790	7,698	7,938	8,409	9,516	10,803	12,477	14,574
11,564	10,461	10,561	10,804	11,214	11,620	11,635	11,265
11,215	10,171	10,342	10,612	11,109	11,476	11,662	11,392
7,981	7,698	7,765	7,887	8,184	8,396	8,650	8,648
53.35	54.67	56.00	57.36	58.72	60.10	61.48	62.87

Table 3.13 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

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

Table 3.14 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND FORESTRY BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
116,531	131,557	136,475	150,671	170,459	198,868	227,049	253,663
93,865	104,499	104,456	119,415	135,751	162,408	186,216	207,246
15,492	22,476	20,595	21,706	25,147	31,565	36,416	36,373
6,695	9,491	8,724	10,471	11,766	15,329	16,469	14,699
18,963	11,307	6,938	11,003	12,494	12,050	12,515	13,819
5,252	3,791	3,093	4,004	4,351	6,650	6,962	9,288
3,429	3,531	3,586	4,203	4,677	3,891	5,547	7,314
20,744	30,112	35,337	39,025	41,003	48,155	52,381	59,867
11,432	10,972	12,646	14,496	18,432	23,530	29,862	34,232
6,828	6,771	7,218	8,078	10,474	12,622	16,163	20,442
5,030	6,048	6,319	6,429	7,407	8,616	9,901	11,212
22,666	27,058	32,019	31,256	34,708	36,460	40,833	46,417
13,293	8,997	9,332	13,256	13,056	11,141	8,907	8,679
129,824	140,554	145,807	163,927	183,515	210,009	235,956	262,342

AND FORESTRY BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
131,587	131,557	135,486	138,075	144,028	150,694	153,414	155,219
102,204	104,499	106,240	107,155	115,447	121,066	122,631	123,573
20,259	22,476	23,590	22,837	23,138	25,281	24,873	25,821
8,072	9,491	9,528	10,119	10,466	10,203	10,950	10,567
12,472	11,307	10,515	9,652	9,008	7,007	7,084	6,782
5,964	3,791	3,364	3,053	2,997	3,897	3,652	4,141
3,691	3,531	3,600	3,635	2,940	2,913	2,698	2,684
26,924	30,112	29,873	30,368	35,518	37,240	36,613	36,245
11,970	10,972	12,552	13,700	14,532	16,334	16,854	17,043
8,100	6,771	7,072	7,595	9,990	11,082	12,215	12,467
4,752	6,048	6,146	6,196	6,858	7,109	7,692	7,823
29,383	27,058	29,246	30,920	28,581	29,628	30,783	31,646
11,660	8,997	10,239	12,339	11,264	9,270	7,320	6,640
143,247	140,554	145,725	150,414	155,292	159,964	160,734	161,859

Table 3.15 – IMPLICIT PRICE INDEX OF FISHERY AND FORESTRY (Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GROSS VALUE ADDED IN AGRICULTURE,
BY INDUSTRY GROUP: 1980 to 1991
1985=100)

1984	1985	1986	1987	1988	1989	1990	1991
88.56	100.00	100.73	109.12	118.35	131.97	148.00	163.42
91.84	100.00	98.32	111.44	117.59	134.15	151.85	167.71
76.47	100.00	87.30	95.05	108.68	124.86	146.41	140.87
82.94	100.00	91.56	103.48	112.42	150.24	150.40	139.10
152.04	100.00	65.98	114.00	138.70	171.97	176.67	203.76
88.06	100.00	91.94	131.15	145.18	170.64	190.64	224.29
92.90	100.00	99.61	115.63	159.08	133.57	205.60	272.50
77.05	100.00	118.29	128.51	115.44	129.31	143.07	165.17
95.51	100.00	100.75	105.81	126.84	144.06	177.18	200.86
84.30	100.00	102.06	106.36	104.84	113.90	132.32	163.97
105.85	100.00	102.81	103.76	108.01	121.20	128.72	143.32
77.14	100.00	109.48	101.09	121.44	123.06	132.65	146.68
114.01	100.00	91.14	107.43	115.91	120.18	121.68	130.71
90.63	100.00	100.06	108.98	118.17	131.29	146.80	162.06

Table 3.16 – GROSS VALUE ADDED IN MINING
(In million pesos

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

Table 3.17 – GROSS VALUE ADDED IN MINING
(In million pesos

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

Table 3.18 – IMPLICIT PRICE INDEX BY INDUSTRY GROUP
(Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND QUARRYING BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
2,726	3,031	2,940	3,332	4,315	4,340	4,276	4,076
2,855	5,390	8,331	8,231	7,338	6,454	7,395	8,134
201	278	214	180	199	254	294	257
170	608	114	52	104	297	544	534
120	267	110	117	127	113	101	76
1,067	1,011	1,308	1,506	1,711	1,926	2,075	2,036
1,003	1,308	1,127	936	1,481	2,062	1,974	2,391
8,142	11,893	14,144	14,354	15,275	15,446	16,659	17,504

AND QUARRYING BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
3,048	3,031	2,972	2,969	3,017	2,726	2,605	2,170
2,876	5,390	6,445	5,394	4,701	4,915	4,800	4,862
250	278	190	186	171	239	230	155
149	608	109	63	78	116	108	100
113	267	122	96	110	104	94	80
1,293	1,011	1,162	1,280	1,571	1,812	1,844	1,875
1,230	1,308	1,313	1,244	2,056	1,477	1,410	1,528
8,959	11,893	12,313	11,232	11,704	11,389	11,091	10,770

GROSS VALUE ADDED IN MINING AND QUARRYING
1980 to 1991
1985=100)

1984	1985	1986	1987	1988	1989	1990	1991
89.44	100.00	98.92	112.23	143.02	159.21	164.15	187.83
99.27	100.00	129.26	152.60	156.09	131.31	154.06	167.30
80.40	100.00	112.63	96.77	116.37	106.28	127.83	165.81
114.09	100.00	104.59	82.54	133.33	256.03	503.70	534.00
106.19	100.00	90.16	121.88	115.45	108.65	107.45	95.00
82.52	100.00	112.56	117.66	108.91	106.29	112.53	108.59
81.54	100.00	85.83	75.24	72.03	139.61	140.00	156.48
90.88	100.00	114.87	127.80	130.51	135.62	150.20	162.53

Table 3.19 – GROSS VALUE ADDED IN MANUFACTURING

(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
54,449	64,397	68,638	74,110	88,016	97,329	111,794	125,188
5,418	6,452	6,859	8,159	9,829	10,784	12,372	14,696
4,108	4,974	5,305	6,122	7,503	7,698	7,897	8,654
5,769	5,293	5,925	6,652	7,755	8,754	9,204	10,384
5,106	5,711	6,048	9,096	11,123	14,301	16,835	20,506
3,220	2,812	3,034	3,806	4,506	5,037	5,572	6,304
2,313	1,669	1,816	2,322	2,690	3,592	4,448	4,766
1,813	1,487	1,798	1,931	2,436	2,850	2,944	3,252
1,323	1,435	1,702	1,945	2,564	2,916	3,299	3,926
131	148	119	130	152	177	197	238
1,882	1,900	1,871	2,408	2,789	3,223	3,479	4,076
11,206	10,575	10,703	11,984	15,381	18,509	20,404	25,133
13,611	18,059	15,381	16,791	21,263	19,211	29,917	35,991
2,933	2,701	2,844	3,423	4,454	6,937	7,547	9,953
3,650	4,384	4,266	5,048	6,664	7,905	8,539	9,553
2,977	2,943	3,268	3,669	4,536	5,716	6,452	6,955
1,304	1,330	1,435	1,547	1,825	2,252	2,574	3,084
4,921	4,683	5,325	6,107	7,729	8,864	9,793	12,106
1,152	923	1,066	1,451	1,852	2,626	2,934	3,190
1,885	1,975	2,555	2,926	3,661	4,511	5,111	6,545
129,171	143,851	149,958	169,627	206,728	233,192	271,312	314,500

Table 3.20 – GROSS VALUE ADDED IN MANUFACTURING
(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
69,778	64,397	67,456	67,636	68,264	69,633	69,633	68,559
6,351	6,452	6,518	6,673	6,805	7,174	7,411	7,468
5,100	4,974	4,726	4,445	5,201	5,091	5,094	5,022
6,644	5,293	5,846	6,071	6,840	7,552	6,720	6,524
5,965	5,711	5,554	7,406	8,154	9,521	10,045	10,747
3,310	2,812	2,887	3,271	3,553	3,871	4,143	3,993
2,806	1,669	1,666	1,913	2,081	2,389	2,571	2,437
1,933	1,487	1,473	1,540	1,875	2,263	2,179	2,197
1,621	1,435	1,691	1,881	2,414	2,691	2,968	2,963
167	148	110	105	118	135	148	158
1,993	1,900	1,853	2,250	2,467	2,683	2,818	2,831
12,369	10,575	9,278	9,385	10,269	10,985	11,472	12,136
15,245	18,059	17,586	20,582	24,596	25,477	28,066	26,273
3,489	2,701	2,722	3,041	3,811	5,014	4,552	5,004
4,507	4,384	4,143	4,623	5,532	5,446	4,893	4,936
3,610	2,943	2,969	3,119	3,558	4,308	4,455	4,125
1,873	1,330	1,398	1,486	1,689	2,040	2,096	2,093
5,644	4,683	5,229	5,430	5,981	6,629	7,096	7,334
1,294	923	953	1,133	1,347	1,785	1,874	1,726
2,496	1,975	2,395	2,614	3,126	3,709	3,749	3,980
156,195	143,851	146,453	154,604	167,681	178,396	181,983	180,506

Table 3.21 – IMPLICIT PRICE INDEX BY INDUSTRY GROUP (Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

GROSS VALUE ADDED IN MANUFACTURING
1980 to 1991
1985=100)

1984	1985	1986	1987	1988	1989	1990	1991
78.03	100.00	101.75	109.57	128.93	139.77	160.55	182.60
85.31	100.00	105.23	122.27	144.44	150.32	166.94	196.79
80.55	100.00	112.25	137.73	144.26	151.21	155.03	172.32
86.83	100.00	101.35	109.57	113.38	115.92	136.96	159.17
85.60	100.00	108.89	122.82	136.41	150.20	167.60	190.81
97.28	100.00	105.09	116.36	126.82	130.12	134.49	157.88
82.43	100.00	109.00	121.38	129.26	150.36	173.01	195.57
93.79	100.00	122.06	125.39	129.92	125.94	135.11	148.02
81.62	100.00	100.65	103.40	106.21	108.36	111.15	132.50
78.44	100.00	108.18	123.81	128.81	131.11	133.11	150.63
94.43	100.00	100.97	107.02	113.05	120.13	123.46	143.98
90.60	100.00	115.36	127.69	149.78	168.49	177.86	207.09
89.28	100.00	87.46	81.58	86.45	75.41	106.60	136.99
84.06	100.00	104.48	112.56	116.87	138.35	165.80	198.90
80.99	100.00	102.97	109.19	120.46	145.15	174.51	193.54
82.47	100.00	110.07	117.63	127.49	132.68	144.83	168.61
69.62	100.00	102.65	104.10	108.05	110.39	122.81	147.35
87.19	100.00	101.84	112.47	129.23	133.72	138.01	165.07
89.03	100.00	111.86	128.07	137.49	147.11	156.56	184.82
75.52	100.00	106.68	111.94	117.11	121.62	136.33	164.45
82.70	100.00	102.39	109.72	123.29	130.72	149.09	174.23

Table 3.22 – GROSS VALUE OF CONSTRUCTION AND GROSS
(In million pesos

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

Table 3.23 – GROSS VALUE OF CONSTRUCTION AND GROSS
(In million pesos

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

Table 3.24 – IMPLICIT PRICE INDEX OF
GROSS VALUE ADDED OF
(Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

VALUE ADDED IN CONSTRUCTION: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
45,139	27,987	22,752	21,860	24,564	33,159	46,850	56,103
37,809	28,905	31,381	41,183	48,620	65,778	68,069	58,252
82,948	56,892	54,133	63,043	73,184	98,937	114,919	114,355
48,727	29,037	29,784	37,104	42,814	57,281	64,903	62,083

VALUE ADDED IN CONSTRUCTION: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
49,241	27,987	22,116	19,251	20,184	24,331	28,155	28,002
41,243	28,905	30,261	35,997	39,070	45,433	40,958	29,715
90,484	56,892	52,377	55,248	59,254	69,764	69,113	57,717
56,027	29,037	28,547	31,742	33,235	41,384	42,639	35,928

GROSS VALUE OF CONSTRUCTION AND
CONSTRUCTION: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
91.67	100.00	102.88	113.55	121.70	136.28	166.40	200.35
91.67	100.00	103.70	114.41	124.44	144.78	166.19	196.04
91.67	100.00	103.35	114.11	123.51	141.82	166.28	198.13
86.97	100.00	104.33	116.89	128.82	138.41	152.22	172.80

Table 3.25 – GROSS VALUE ADDED IN ELECTRICITY, GAS
(In million pesos

Industry/Industry group	1980	1981	1982	1983
1. Electricity and gas	3,466	4,492	5,998	8,189
2. Water	340	453	579	766
GROSS VALUE ADDED IN ELECTRICITY,GAS & WATER	3,806	4,945	6,577	8,955

Table 3.26 – GROSS VALUE ADDED IN ELECTRICITY, GAS
(In million pesos

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

Table 3.27 – IMPLICIT PRICE INDEX OF GAS AND WATER BY
(Base year:

Industry/Industry group	1980	1981	1982	1983
1. Electricity and gas	29.64	33.36	36.17	55.56
2. Water	48.78	61.38	73.85	73.44
GROSS VALUE ADDED IN ELECTRICITY,GAS & WATER	30.72	34.81	37.87	56.74

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND WATER BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
11,846	14,427	14,934	14,378	17,906	19,038	21,374	27,047
933	1,340	1,708	1,935	2,214	2,710	2,925	3,578
12,779	15,767	16,642	16,313	20,120	21,748	24,299	30,623

AND WATER BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
15,662	14,427	16,416	17,127	18,405	18,812	18,786	18,958
1,195	1,340	1,435	1,468	1,475	1,600	1,637	1,651
16,857	15,767	17,851	18,595	19,880	20,412	20,423	20,609

GROSS VALUE ADDED IN ELECTRICITY,
INDUSTRY GROUP: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
75.64	100.00	90.97	83.95	97.29	101.20	113.78	142.67
78.08	100.00	119.02	131.81	150.10	169.38	178.68	216.72
75.81	100.00	93.23	87.73	101.21	106.55	118.98	148.59

Table 3.28 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION
(In million pesos

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

Table 3.29 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION
(In million pesos

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

Table 3.30 – IMPLICIT PRICE INDEX OF COMMUNICATION AND STORAGE BY
(Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND STORAGE BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
22,963	25,764	27,235	29,302	31,898	33,622	42,305	58,984
15,054	17,342	17,528	18,228	19,215	19,679	26,239	37,824
2,778	3,065	2,992	3,299	3,757	4,443	5,044	6,377
1,319	1,238	2,480	3,010	3,909	4,355	4,952	7,363
3,812	4,119	4,235	4,765	5,017	5,145	6,070	7,420
5,154	5,902	7,072	7,525	8,864	10,218	12,040	14,925
28,117	31,666	34,307	36,827	40,762	43,840	54,345	73,909

AND STORAGE BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
26,014	25,764	26,484	28,075	29,871	31,184	31,329	30,711
17,178	17,342	17,788	18,443	19,348	20,173	20,194	20,590
3,331	3,065	3,070	3,447	3,925	4,122	4,197	3,724
1,202	1,238	1,267	1,330	1,539	1,521	1,499	1,593
4,303	4,119	4,359	4,855	5,059	5,368	5,439	4,804
6,046	5,902	6,591	7,011	8,027	9,059	9,888	10,696
32,060	31,666	33,075	35,086	37,898	40,243	41,217	41,407

GROSS VALUE ADDED IN TRANSPORT,
INDUSTRY GROUP: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
88.27	100.00	102.84	104.37	106.79	107.82	135.03	192.06
87.64	100.00	98.54	98.83	99.31	97.55	129.93	183.70
83.40	100.00	97.46	95.71	95.72	107.79	120.18	171.24
109.73	100.00	195.74	226.32	254.00	286.32	330.35	462.21
88.59	100.00	97.16	98.15	99.17	95.85	111.60	154.45
85.25	100.00	107.30	107.33	110.43	112.79	121.76	139.54
87.70	100.00	103.72	104.96	107.56	108.94	131.85	178.49

Table 3.31 – GROSS VALUE ADDED IN TRADE
(In million pesos

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

Table 3.32 – GROSS VALUE ADDED IN TRADE
(In million pesos

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

Table 3.33 – IMPLICIT PRICE INDEX OF
(Base year:

Industry/Industry group	1980	1981	1982	1983
1. WHOLESALE	37.41	41.88	45.96	52.09
2. RETAIL				
GROSS VALUE ADDED IN TRADE	37.41	41.88	45.96	52.09

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
70,822	15,203	15,055	19,063	23,651	26,921	30,281	31,778
0	67,632	72,770	77,455	89,826	101,607	114,821	139,921
70,822	82,835	87,825	96,518	113,477	128,528	145,102	171,699

BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
83,637	15,204	15,010	17,652	19,081	19,908	20,292	18,837
0	67,631	71,907	72,386	75,564	79,375	81,062	84,040
83,637	82,835	86,917	90,038	94,645	99,283	101,354	102,877

GROSS VALUE ADDED IN TRADE: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
84.68	99.99	100.30	107.99	123.95	135.23	149.23	168.70
	100.00	101.20	107.00	118.87	128.01	141.65	166.49
84.68	100.00	101.04	107.20	119.90	129.46	143.16	166.90

Table 3.34 – GROSS VALUE ADDED IN FINANCE
(In million pesos

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

Table 3.35 – GROSS VALUE ADDED IN FINANCE
(In million pesos

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

Table 3.36 – IMPLICIT PRICE INDEX OF GROSS
(Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
10,201	10,608	11,682	14,972	18,684	24,046	30,427	33,929
2,033	2,064	2,255	2,471	2,829	3,596	4,225	5,119
4,101	4,451	4,721	5,003	5,577	6,659	7,873	9,485
16,335	17,123	18,658	22,446	27,090	34,301	42,525	48,533

BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
12,558	10,608	11,594	14,318	16,417	19,094	21,439	20,348
2,503	2,064	2,238	2,363	2,485	2,857	2,979	3,067
5,049	4,451	4,685	4,784	4,912	5,284	5,546	5,676
20,110	17,123	18,517	21,465	23,814	27,235	29,964	29,091

VALUE ADDED IN FINANCE BY INDUSTRY GROUP: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
81.23	100.00	100.76	104.57	113.81	125.93	141.92	166.74
81.22	100.00	100.76	104.57	113.84	125.87	141.83	166.91
81.22	100.00	100.77	104.58	113.54	126.02	141.96	167.11
81.23	100.00	100.76	104.57	113.76	125.94	141.92	166.83

Table 3.37 – GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS
(In million pesos

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

Table 3.38 – GROSS VALUE ADDED IN OWNERSHIP OF DWELLINGS
(In million pesos

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

Table 3.39 – IMPLICIT PRICE INDEX OF GROSS AND REAL ESTATE
(Base year:

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

AND REAL ESTATE BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
5,637	5,602	6,286	6,969	7,931	9,541	11,183	13,120
20,040	26,530	29,163	32,257	36,592	43,251	50,490	60,118
25,677	32,132	35,449	39,226	44,523	52,792	61,673	73,238

AND REAL ESTATE BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
6,939	5,602	6,239	6,665	6,970	7,585	7,897	7,867
25,646	26,530	26,966	28,094	29,721	31,498	32,249	32,375
32,585	32,132	33,205	34,759	36,691	39,083	40,146	40,242

VALUE ADDED IN OWNERSHIP OF DWELLINGS AND
BY INDUSTRY GROUP, 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
81.24	100.00	100.75	104.56	113.79	125.79	141.61	166.77
78.14	100.00	108.15	114.82	123.12	137.31	156.56	185.69
78.80	100.00	106.76	112.85	121.35	135.08	153.62	181.99

Table 3.40 – GROSS VALUE ADDED IN OTHER SERVICES
(In million pesos

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

Table 3.41 – GROSS VALUE ADDED IN OTHER SERVICES
(In million pesos

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

Table 3.42 – IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN
(Base year:

Industry/Industry group	1980	1981	1982	1983
1. Government	47.33	53.91	59.31	64.64
2. Private	43.13	48.56	54.43	59.82
Educational	46.34	51.07	58.83	64.48
Medical and health	47.31	51.43	59.21	64.69
Business	38.32	42.57	45.67	51.40
Recreational	47.13	53.05	56.83	61.08
Personal	43.42	49.84	58.18	62.27
Hotel and restaurant	42.00	47.87	53.38	60.05
Others	42.09	48.29	51.86	56.50
GROSS VALUE ADDED IN OTHER SERVICES	45.06	50.94	56.55	61.73

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

BY INDUSTRY GROUP: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
22,865	27,904	32,720	38,799	50,571	60,272	76,889	85,826
32,022	39,121	43,593	49,927	57,644	67,752	80,916	97,388
3,756	4,685	5,106	5,480	6,459	8,353	10,281	13,075
4,203	5,182	5,243	6,356	7,204	8,370	9,661	12,468
4,582	5,478	6,034	6,397	7,466	8,530	10,505	13,052
3,642	4,687	5,331	6,648	7,790	8,573	9,921	11,377
8,279	10,326	12,029	13,497	15,549	18,141	22,742	26,836
6,209	7,125	8,186	9,717	11,169	13,631	15,492	17,809
1,351	1,638	1,664	1,832	2,007	2,154	2,314	2,771
54,887	67,025	76,313	88,726	108,215	128,024	157,805	183,214

BY INDUSTRY GROUP: 1980 to 1991
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990	1991
27,779	27,904	28,700	29,712	32,322	33,459	36,405	35,665
39,506	39,121	40,120	42,060	45,301	47,534	49,353	49,273
4,542	4,685	4,648	4,561	4,951	5,217	5,303	5,366
4,990	5,182	4,911	5,618	6,006	6,643	6,859	7,258
6,190	5,478	5,563	5,252	5,413	5,447	5,652	5,783
4,528	4,687	5,099	5,772	6,725	6,949	7,197	7,263
10,124	10,326	11,194	11,487	12,193	12,850	13,901	13,321
7,404	7,125	7,120	7,667	8,200	8,550	8,503	8,334
1,728	1,638	1,585	1,703	1,813	1,878	1,938	1,948
67,285	67,025	68,820	71,772	77,623	80,993	85,758	84,938

OTHER SERVICES BY INDUSTRY GROUP: 1980 to 1991
1985 = 100)

1984	1985	1986	1987	1988	1989	1990	1991
82.31	100.00	114.01	130.58	156.46	180.14	211.20	240.64
81.06	100.00	108.66	118.70	127.25	142.53	163.95	197.65
82.69	100.00	109.85	120.15	130.46	160.11	193.87	243.66
84.23	100.00	106.76	113.14	119.95	126.00	140.85	171.78
74.02	100:00	108.47	121.80	137.93	156.60	185.86	225.70
80.43	100.00	104.55	115.18	115.84	123.37	137.85	156.64
81.78	100.00	107.46	117.50	127.52	141.18	163.60	201.46
83.86	100.00	114.97	126.74	136.21	159.43	182.19	213.69
78.18	100.00	104.98	107.57	110.70	114.70	119.40	142.25
81.57	100.00	110.89	123.62	139.41	158.07	184.01	21.70

Table 3.43 – GROSS DOMESTIC CAPITAL FORMATION IN
(In million pesos

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

Revised estimates as of May 1992.
Source: National Statistical Coordination Board.

DURABLE EQUIPMENT BY MAJOR TYPE: 1980 to 1991
at current prices)

1984	1985	1986	1987	1988	1989	1990	1991
37,897	33,261	39,091	42,112	56,951	79,030	101,968	111,317
12,138	10,735	13,924	15,416	16,755	22,838	29,910	32,705
81	49	34	75	131	157	236	310
40	17	31	37	144	373	309	389
616	487	490	827	1,122	2,844	2,713	4,438
307	336	489	2,026	2,047	3,090	4,329	3,992
46	36	39	81	69	132	167	132
3	0	8	13	18	57	22	34
405	64	101	210	197	389	763	511
379	620	696	892	1,326	1,575	2,248	2,474
6,043	6,193	7,895	6,611	5,654	4,978	5,745	6,354
4,218	2,933	4,141	4,644	6,047	9,243	13,378	14,071
11,302	12,029	14,075	13,381	18,361	26,457	34,437	39,048
1,035	1,031	1,016	1,758	6,455	9,033	9,860	9,464
671	587	747	1,164	1,647	1,898	2,410	2,658
4,284	5,277	5,790	6,456	6,453	6,121	10,364	14,298
5,312	5,134	6,522	4,003	3,806	9,405	11,803	12,628
10,246	6,288	4,579	5,044	9,243	15,715	21,251	19,050
5,850	5,664	3,913	3,834	4,869	8,943	11,598	11,449
877	67	38	95	24	11	16	40
2,969	70	9	407	2,726	4,695	7,044	4,405
550	487	619	708	1,624	2,066	2,593	3,156
4,211	4,209	6,513	8,271	12,592	14,020	16,370	20,514
600	1,166	917	1,278	1,810	1,629	1,715	1,510
3,611	3,043	5,596	6,993	10,782	12,391	14,655	19,004

Table 3.44 – GROSS DOMESTIC PRODUCT
(In million pesos

Region/Year	1980	1981	1982	1983
PHILIPPINES	243,749	281,596	317,179	369,078
NCR. Metro Manila	71,817	82,915	95,164	112,323
I. Ilocos Region	10,605	11,855	13,357	15,171
II. Cagayan Valley	6,872	8,221	9,037	10,298
III. Central Luzon	20,814	25,360	29,046	33,360
IV. Southern Tagalog	34,952	40,101	44,732	51,624
V. Bicol Region	7,789	9,049	10,033	11,809
VI. Western Visayas	18,092	21,476	24,343	27,897
VII. Central Visayas	15,701	18,040	20,356	23,634
VIII. Eastern Visayas	6,225	7,151	8,033	9,552
IX. Western Mindanao	7,929	9,319	10,275	12,126
X. Northern Mindanao	14,644	16,597	18,159	20,512
XI. Southern Mindanao	19,159	21,166	23,223	27,398
XII. Central Mindanao	9,150	10,346	11,421	13,375

Table 3.45 – GROSS DOMESTIC PRODUCT
(In million pesos

Region/Year	1980	1981	1982	1983
PHILIPPINES	609,769	630,646	653,470	665,718
NCR. Metro Manila	183,012	187,541	196,736	206,244
I. Ilocos Region	24,416	25,217	26,142	26,199
II. Cagayan Valley	17,417	18,234	18,251	18,178
III. Central Luzon	52,944	57,691	60,572	60,383
IV. Southern Tagalog	86,893	89,943	93,427	92,868
V. Bicol Region	18,368	19,041	19,620	20,321
VI. Western Visayas	45,691	48,646	51,075	51,128
VII. Central Visayas	37,624	39,172	40,640	42,050
VIII. Eastern Visayas	15,193	15,619	16,257	16,717
IX. Western Mindanao	19,424	20,420	20,732	21,135
X. Northern Mindanao	37,013	37,121	37,227	37,280
XI. Southern Mindanao	48,544	48,257	48,629	48,409
XII. Central Mindanao	23,227	23,744	24,161	24,804

Figures may not add up to total due to rounding.
Revised estimates as of October 1991.
Source: National Statistical Coordination Board.

BY REGION : 1980 to 1990
at current prices)

1984	1985	1986	1987	1988	1989	1990
524,482	571,885	608,883	685,070	802,521	922,569	1,066,224
154,514	169,192	185,366	213,852	256,113	302,642	345,942
21,306	25,282	29,533	31,668	34,734	39,300	43,786
14,055	14,783	15,043	16,896	19,214	22,152	25,476
47,831	53,159	54,631	59,771	70,125	77,233	94,175
74,649	79,554	83,790	93,357	109,913	125,285	147,600
16,600	18,288	18,733	19,800	22,846	26,742	30,874
38,265	42,645	44,554	49,163	57,576	64,961	75,387
33,603	35,656	38,280	43,375	51,796	60,474	70,330
15,227	16,226	16,319	18,211	21,681	25,254	28,477
17,771	18,721	19,709	21,070	23,882	27,150	31,626
29,053	32,300	34,033	37,991	43,106	49,473	55,430
41,467	44,102	45,865	54,442	62,527	68,583	78,253
20,141	21,977	23,028	25,474	29,008	33,319	38,869

BY REGION : 1980 to 1990
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990
616,964	571,885	591,423	619,708	658,464	697,817	712,682
186,144	169,192	175,182	187,201	204,307	222,869	225,446
25,204	25,282	27,228	27,108	28,144	29,970	30,172
16,507	14,783	15,092	15,519	16,128	16,544	16,671
56,370	53,159	54,200	57,248	61,495	63,854	68,392
86,820	79,554	82,913	87,881	92,581	99,170	101,346
19,265	18,288	18,363	18,062	19,144	20,300	20,516
46,473	42,645	43,828	45,284	47,103	49,150	50,071
39,736	35,656	37,511	39,736	43,044	44,893	46,624
17,514	16,226	16,041	16,213	17,283	17,789	18,052
20,162	18,721	19,357	19,357	19,767	20,533	21,198
33,353	32,300	33,014	34,281	36,110	37,476	38,060
46,193	44,102	45,696	48,704	49,610	50,784	50,836
23,224	21,977	22,997	23,115	23,748	24,485	25,299

Table 3.46 – IMPLICIT PRICE INDEX OF GROSS
(Base year:

Region/Year	1980	1981	1982	1983
PHILIPPINES	39.97	44.65	48.54	55.44
NCR. Metro Manila	39.24	44.21	48.37	54.46
I. Ilocos Region	43.44	47.01	51.09	57.91
II. Cagayan Valley	39.45	45.09	49.51	56.65
III. Central Luzon	39.31	43.96	47.95	55.25
IV. Southern Tagalog	40.22	44.58	47.88	55.59
V. Bicol Region	42.40	47.53	51.14	58.11
VI. Western Visayas	39.60	44.15	47.66	54.56
VII. Central Visayas	41.73	46.05	50.09	56.20
VIII. Eastern Visayas	40.98	45.79	49.41	57.14
IX. Western Mindanao	40.82	45.64	49.56	57.38
X. Northern Mindanao	39.56	44.71	48.78	55.02
XI. Southern Mindanao	39.47	43.86	47.76	56.60
XII. Central Mindanao	39.39	43.58	47.27	53.92

Table 3.47 – GROSS VALUE ADDED IN AGRICULTURE
(In million pesos

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

Figures may not add up to total due to rounding.
Revised estimates as of October 1991.
Source: National Statistical Coordination Board.

DOMESTIC PRODUCT BY REGION: 1980 to 1990
1985 = 100)

1984	1985	1986	1987	1988	1989	1990
85.01	100.00	102.95	110.55	121.88	132.21	149.61
83.01	100.00	105.81	114.24	125.36	135.79	153.45
84.53	100.00	108.46	116.82	123.42	131.13	145.12
85.15	100.00	99.67	108.87	119.13	133.90	152.81
84.85	100.00	100.79	104.41	114.03	120.95	137.70
85.98	100.00	101.06	106.23	118.72	126.33	145.64
86.16	100.00	102.02	109.62	119.34	131.73	150.49
82.34	100.00	101.66	108.57	122.23	132.17	150.56
84.56	100.00	102.05	109.16	120.34	134.71	150.84
86.95	100.00	101.73	112.33	125.45	141.97	157.75
88.14	100.00	101.82	108.85	120.82	132.23	149.19
87.11	100.00	103.08	110.82	119.37	132.01	145.64
89.77	100.00	100.37	111.78	126.04	135.05	153.93
86.73	100.00	100.14	110.21	122.15	136.08	153.64

AND FORESTRY BY REGION : 1980 to 1990
at current prices)

1984	1985	1986	1987	1988	1989	1990
129,824	140,554	145,807	163,927	183,515	207,417	235,465
0	0	0	0	0	0	0
7,447	9,115	10,444	10,954	12,122	14,102	16,009
5,615	6,844	6,797	8,050	9,080	10,196	11,556
9,954	11,530	11,966	133,180	15,269	18,006	21,497
23,296	24,845	26,637	28,781	33,922	37,952	43,054
7,509	8,496	8,313	8,781	9,864	11,209	12,820
14,401	15,083	15,486	17,302	19,087	22,014	25,124
5,337	5,676	5,868	6,616	7,490	9,070	10,880
5,742	6,180	5,998	6,844	7,513	8,313	9,430
9,310	9,939	10,291	11,009	12,340	13,454	15,725
11,607	12,177	13,526	16,181	17,174	19,120	20,721
20,427	20,521	19,848	24,115	26,487	29,011	31,618
9,179	10,149	10,633	11,976	13,168	14,970	17,029

Table 3.48 – GROSS VALUE ADDED IN AGRICULTURE
(In million pesos

Region/Year	1980	1981	1982	1983
PHILIPPINES	143,295	148,479	149,641	144,586
NCR. Metro Manila	0	0	0	0
I. Ilocos Region	9,194	9,520	9,778	9,040
II. Cagayan Valley	7,129	7,002	6,943	6,555
III. Central Luzon	11,478	12,547	12,757	12,040
IV. Southern Tagalog	23,129	25,214	26,185	25,848
V. Bicol Region	8,247	8,382	8,564	8,401
VI. Western Visayas	15,457	16,668	17,690	16,789
VII. Central Visayas	5,630	5,968	6,150	6,064
VIII. Eastern Visayas	6,372	6,366	6,529	6,128
IX. Western Mindanao	9,590	10,129	10,051	9,877
X. Northern Mindanao	13,680	13,737	13,272	12,850
XI. Southern Mindanao	22,922	22,507	21,461	21,047
XII. Central Mindanao	10,469	10,438	10,260	9,947

Table 3.49 – IMPLICIT PRICE INDEX OF GROSS VALUE ADDED
(Base year:

Region/Year	1980	1981	1982	1983
PHILIPPINES	39.97	44.65	48.54	55.44
NCR. Metro Manila	39.24	44.21	48.37	54.46
I. Ilocos Region	43.44	47.01	51.09	57.91
II. Cagayan Valley	39.45	45.09	49.51	56.65
III. Central Luzon	39.31	43.96	47.95	55.25
IV. Southern Tagalog	40.22	44.58	47.88	55.59
V. Bicol Region	42.40	47.53	51.14	58.11
VI. Western Visayas	39.60	44.15	47.66	54.56
VII. Central Visayas	41.73	46.05	50.09	56.20
VIII. Eastern Visayas	40.98	45.79	49.41	57.14
IX. Western Mindanao	40.82	45.64	49.56	57.38
X. Northern Mindanao	39.56	44.71	48.78	55.02
XI. Southern Mindanao	39.47	43.86	47.76	56.60
XII. Central Mindanao	39.39	43.58	47.27	53.92

Figures may not add up to total due to rounding.
Revised estimates as of October 1991.
Source: National Statistical Coordination Board.

AND FORESTRY BY REGION : 1980 to 1990
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990
143,247	140,554	145,725	150,414	155,292	159,398	162,481
0	0	0	0	0	0	0
8,709	9,115	9,787	9,572	10,064	10,751	11,035
6,577	6,844	7,238	7,724	8,092	7,853	7,794
11,749	11,530	11,920	12,944	13,244	14,008	15,212
25,680	24,845	26,264	27,052	28,150	29,305	30,038
8,301	8,496	8,248	8,020	8,432	8,601	8,563
17,089	15,083	15,249	16,045	16,182	16,877	17,026
6,102	5,676	5,857	5,886	6,212	6,540	6,939
6,198	6,180	6,302	6,209	6,299	6,143	6,340
10,103	9,939	10,123	10,087	10,242	10,417	10,805
12,246	12,177	13,117	14,073	14,923	15,384	15,254
20,674	20,521	20,525	21,756	22,178	22,108	21,650
9,818	10,149	11,095	11,047	11,275	11,410	11,826

IN AGRICULTURE AND FORESTRY BY REGION : 1980 to 1990
1985 = 100)

1984	1985	1986	1987	1988	1989	1990
85.01	100.00	102.95	110.55	121.88	132.21	149.61
83.01	100.00	105.81	114.24	125.36	135.79	153.45
84.53	100.00	108.46	116.82	123.42	131.13	145.12
85.15	100.00	99.67	108.87	119.13	133.90	152.81
84.85	100.00	100.79	104.41	114.03	120.95	137.70
85.98	100.00	101.06	106.23	118.72	126.33	145.64
86.16	100.00	102.02	109.62	119.34	131.73	150.49
82.34	100.00	101.66	108.57	122.23	132.17	150.56
84.56	100.00	102.05	109.16	120.34	134.71	150.84
86.95	100.00	101.73	112.33	125.45	141.97	157.75
88.14	100.00	101.82	108.85	120.82	132.23	149.19
87.11	100.00	103.08	110.82	119.37	132.01	145.64
89.77	100.00	100.37	111.78	126.04	135.05	153.93
86.73	100.00	100.14	110.21	122.15	136.08	153.64

Table 3.50 – PER CAPITA OF GROSS
1980 to 1990

Region/Year	1980	1981	1982	1983
PHILIPPINES	5,045	5,685	6,246	7,090
NCR. Metro Manila	12,030	13,471	14,998	17,175
I. Ilocos Region	2,993	3,282	3,628	4,041
II. Cagayan Valley	3,086	3,601	3,862	4,293
III. Central Luzon	4,312	5,126	5,729	6,420
IV. Southern Tagalog	5,679	6,332	6,865	7,702
V. Bicol Region	2,232	2,533	2,743	3,154
VI. Western Visayas	3,987	4,622	5,119	5,733
VII. Central Visayas	4,136	4,658	5,151	5,862
VIII. Eastern Visayas	2,219	2,503	2,760	3,224
IX. Western Mindanao	3,113	3,573	3,847	4,435
X. Northern Mindanao	5,281	5,821	6,195	6,810
XI. Southern Mindanao	5,688	6,119	6,540	7,519
XII. Central Mindanao	4,017	4,421	4,753	5,417

Table 3.51 – PER CAPITA OF GROSS
1980 to 1990

Region/Year	1980	1981	1982	1983
PHILIPPINES	12,620	12,731	12,868	12,788
NCR. Metro Manila	30,655	30,470	31,007	31,536
I. Ilocos Region	6,891	6,981	7,100	6,979
II. Cagayan Valley	7,821	7,987	7,800	7,577
III. Central Luzon	10,968	11,662	11,947	11,621
IV. Southern Tagalog	14,117	14,202	14,338	13,855
V. Bicol Region	5,265	5,331	5,364	5,428
VI. Western Visayas	10,069	10,470	10,741	10,507
VII. Central Visayas	9,912	10,114	10,284	10,429
VIII. Eastern Visayas	5,416	5,467	5,587	5,642
IX. Western Mindanao	7,626	7,830	7,762	7,730
X. Northern Mindanao	13,348	13,021	12,701	12,377
XI. Southern Mindanao	14,413	13,951	13,694	13,285
XII. Central Mindanao	10,196	10,147	10,054	10,046

Revised estimates as of October 1991.
Source: National Statistical Coordination Board.

DOMESTIC PRODUCT BY REGION
at current prices)

1984	1985	1986	1987	1988	1989	1990
9,831	10,461	10,872	11,944	13,666	15,351	17,343
22,925	24,372	25,935	29,080	33,873	38,960	43,384
5,566	6,478	7,423	7,808	8,402	9,328	10,202
5,716	5,864	5,822	6,381	7,082	7,974	8,955
8,982	9,743	9,773	10,438	11,961	12,868	15,333
10,826	11,222	11,498	12,468	14,289	15,865	18,211
4,332	4,663	4,669	4,823	5,442	6,229	7,036
7,685	8,375	8,556	9,236	10,586	11,692	13,291
8,170	8,500	8,948	9,944	11,650	13,347	15,236
5,046	5,280	5,216	5,718	6,685	7,651	8,475
6,351	6,539	6,730	7,038	7,802	8,680	9,899
9,390	10,164	10,428	11,341	12,538	14,031	15,333
11,090	11,497	11,659	13,503	15,132	16,206	18,055
7,955	8,459	8,641	9,321	10,353	11,601	13,212

DOMESTIC PRODUCT BY REGION
at constant 1985 prices)

1984	1985	1986	1987	1988	1989	1990
11,564	10,461	10,560	10,805	11,213	11,612	11,592
27,618	24,372	24,510	25,456	27,021	28,691	28,273
6,584	6,478	6,844	6,683	6,808	7,114	7,030
6,713	5,864	5,841	5,861	5,945	5,955	5,860
10,586	9,743	9,696	9,998	10,489	10,639	11,135
12,592	11,222	11,378	11,736	12,036	12,558	12,504
5,027	4,663	4,577	4,400	4,560	4,729	4,675
9,334	8,375	8,417	8,507	8,660	8,846	8,828
9,661	8,500	8,768	9,110	9,681	9,908	10,101
5,803	5,280	5,127	5,090	5,329	5,389	5,373
7,206	6,539	6,610	6,465	6,458	6,564	6,635
10,780	10,164	10,116	10,233	10,503	10,628	10,528
12,354	11,497	11,616	12,079	12,006	12,000	11,730
9,172	8,459	8,630	8,458	8,475	8,526	8,599

Table 3.52 – GROWTH RATES: PER CAPITA OF GROSS DOMESTIC PRODUCT BY REGION: 1980 to 1990, at current prices

	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90
PHILIPPINES	15.53	12.64	16.36	42.11	9.04	6.47	12.51	17.14	14.96	15.57
NCR.	15.45	14.77	18.03	37.56	9.50	9.56	15.37	19.76	18.17	14.31
I.	11.79	12.66	13.58	40.44	18.66	16.80	7.23	9.68	13.14	11.41
II.	19.64	9.92	13.96	36.49	5.18	1.75	12.32	13.72	15.29	15.00
III.	21.84	14.54	14.85	43.38	11.14	2.77	9.41	17.32	10.14	21.94
IV.	14.73	11.55	15.41	44.60	6.57	5.33	11.42	17.73	13.99	17.81
V.	16.19	10.87	17.70	40.57	10.17	2.43	5.69	15.39	17.05	15.45
VI.	18.71	13.35	14.60	37.17	11.45	4.47	10.35	17.11	12.83	16.05
VII.	14.89	12.84	16.10	42.18	6.11	7.37	13.31	19.42	16.75	16.30
VIII.	14.87	12.33	18.91	59.41	6.55	0.58	11.59	19.05	16.48	12.76
IX.	17.53	10.26	18.02	46.55	5.35	5.28	6.91	13.34	13.68	16.49
X.	13.34	9.41	12.96	41.64	11.18	5.36	11.63	13.46	14.77	12.04
XI.	10.48	9.72	17.98	51.35	6.35	4.00	18.70	14.85	9.69	14.10
XII.	13.08	10.39	17.10	50.59	9.11	4.78	10.62	13.88	14.86	16.66

Table 3.53 – GROWTH RATES: PER CAPITA OF GROSS DOMESTIC PRODUCT BY REGION: 1980 to 1990, at constant 1985 prices

	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89	89-90
PHILIPPINES	3.42	3.62	1.87	(7.32)	(7.31)	3.42	4.78	6.25	5.98	2.13
NCR.	2.47	4.90	4.83	(9.75)	(9.11)	3.54	6.86	9.14	9.09	1.16
I.	3.28	3.67	0.22	(3.80)	0.31	7.68	(0.44)	3.82	6.49	0.67
II.	4.69	0.09	(0.40)	(9.20)	(10.44)	2.09	2.83	3.92	2.58	0.77
III.	8.97	4.99	(0.31)	(6.65)	(5.70)	1.96	5.62	7.42	3.84	7.11
IV.	3.51	3.87	(0.60)	(6.51)	(8.37)	4.22	5.99	5.35	7.12	2.19
V.	3.66	3.04	3.57	(5.20)	(5.07)	0.41	(1.64)	5.99	6.04	1.06
VI.	6.47	4.99	0.10	(9.11)	(8.24)	2.77	3.32	4.02	4.34	1.87
VII.	4.11	3.75	3.47	(5.50)	(10.27)	5.21	5.93	8.32	4.30	3.86
VIII.	2.80	4.09	2.83	4.76	(7.35)	(1.14)	1.07	6.60	2.93	1.48
IX.	5.13	1.53	1.94	(4.60)	(7.15)	3.40	0.00	2.12	3.87	3.24
X.	0.29	0.29	0.14	(10.53)	(3.16)	2.21	3.84	5.33	3.78	1.56
XI.	(0.59)	0.77	(0.45)	(4.58)	(4.53)	3.61	6.58	1.86	2.37	0.10
XII.	2.22	1.76	2.66	(6.37)	(5.37)	4.64	0.51	2.74	3.11	3.32

Revised estimates as of October 1991.
Source: National Statistical Coordination Board.

Fig. 3.3 Gross Value Added in Agriculture, Fishery and Forestry by Industry Group, at Constant Prices, 1982 to 1991

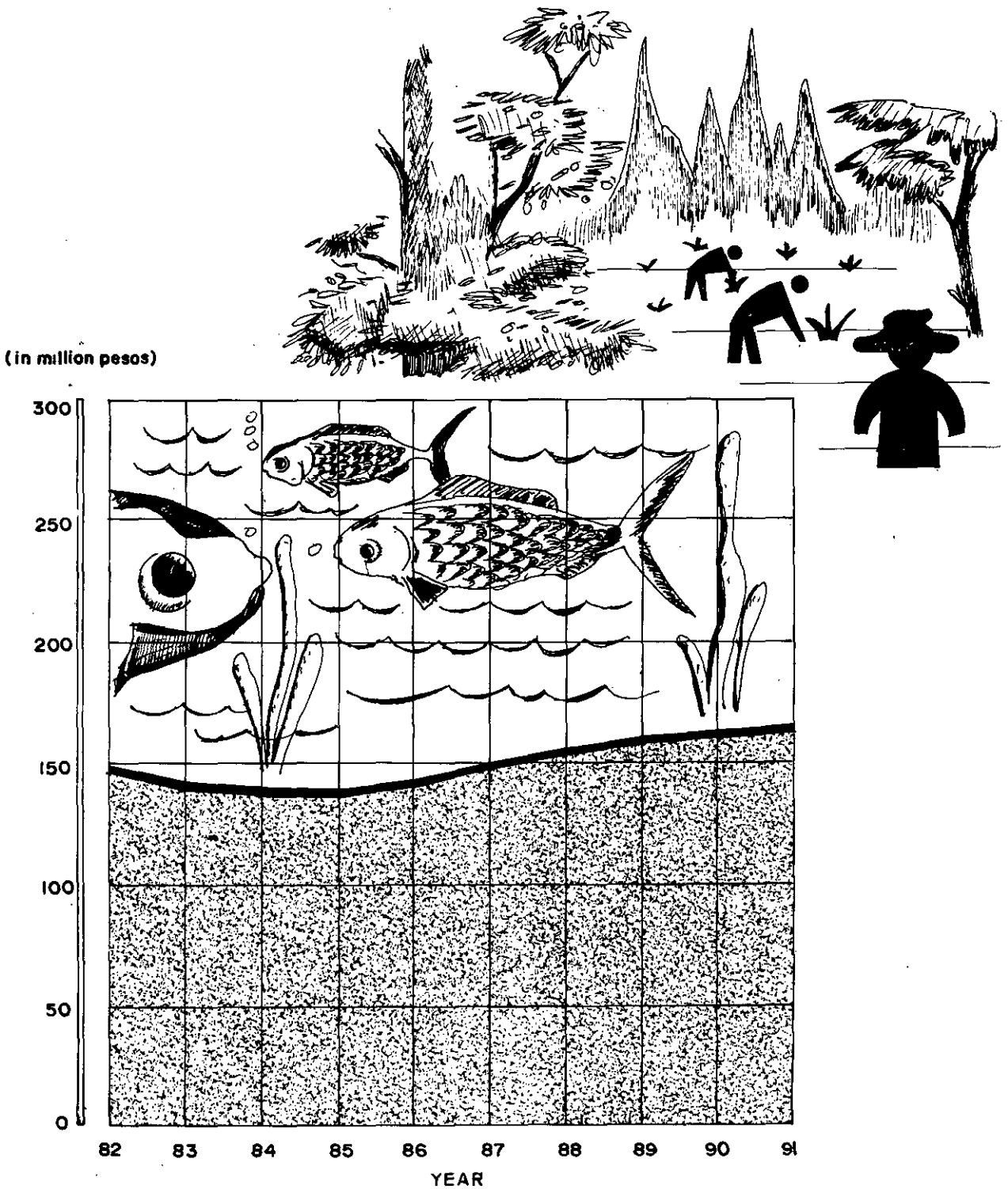

Table 3.54 – MATRIX OF DOMESTIC
(11 x 11

Sectors	01	02	03	04	05
01 Agriculture, fishery and forestry	0.0857468	0.0145662	0.2210932	0.0185470	0.0251426
02 Mining and quarrying	0.0004013	0.0262229	0.0307034	0.0150080	0.0157785
03 Manufacturing	0.1062396	0.1424739	0.1662465	0.3681943	0.3566608
04 Construction	0.0000040	0.0007632	0.0000570	0.0000490	0.0000904
05 Electricity, gas and water	0.0001682	0.0448627	0.0047447	0.0016195	0.0029520
06 Transportation, communication and storage	0.0060207	0.0124563	0.0063201	0.0150965	0.0027439
07 Trade	0.0480410	0.0426467	0.0607673	0.0694519	0.0298268
08 Finance & insurance	0.0039310	0.0103969	0.0051770	0.0099850	0.0049224
09 Real estate	0.0000849	0.0001862	0.0004951	0.0004265	0.0002799
10 Private services	0.0012294	0.0202577	0.0073360	0.0147463	0.0044858
11 Government services	0.0000000	0.0000000	0.0000075	0.0000000	0.0000000
INTERMEDIATE INPUT	0.2518669	0.3148328	0.5029477	0.5131240	0.4428831
Imports	0.0169609	0.0896202	0.1664349	0.0324608	0.0597837
Compensation of employees	0.3015081	0.1896710	0.1054692	0.2500056	0.1048924
Depreciation	0.0412969	0.1178015	0.0333048	0.1233689	0.1742062
Indirect taxes less sunsidies	0.0280187	0.0626271	0.0545224	0.0347194	(0.0086526)
Other value added	0.3603485	0.2254474	0.1373210	0.0463213	0.2268872
Total primary input	0.7481331	0.6851672	0.4970523	0.4868760	0.5571169
Gross value added	0.7311722	0.5955469	0.3306174	0.4544152	0.4973332
TOTAL INPUT	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Source: National Statistical Coordination Board.

TECHNICAL COEFFICIENTS, 1985
sectors)

06	07	08	09	10	11
0.0097927	0.0189788	0.0009130	0.0084978	0.0560280	0.0105572
0.0000196	0.0003905	0.0002543	0.0004556	0.0008209	0.0000000
0.2439931	0.0449661	0.0438549	0.0356828	0.1739080	0.1100525
0.0004423	0.0005919	0.0004470	0.0763122	0.0010932	0.0082338
0.0070213	0.0727253	0.0587506	0.0070110	0.0368277	0.0206313
0.0268641	0.0269812	0.0156421	0.0037046	0.0162633	0.0239791
0.1164880	0.0153214	0.0170238	0.0084987	0.0489642	0.0563093
0.0109209	0.0225294	0.0685161	0.0117258	0.0143318	0.0062339
0.0102517	0.0290646	0.0271191	0.0186857	0.0128670	0.0148987
0.0336517	0.0159962	0.0644950	0.0127669	0.0637811	0.0910559
0.0074008	0.0000006	0.0000000	0.0000096	0.0000077	0.0000900
0.4668461	0.2475461	0.2970159	0.1833508	0.4248930	0.3420415
0.0328883	0.0203215	0.0665387	0.0217577	0.0342208	0.0328259
0.2062260	0.2346583	0.3030902	0.0881703	0.2524374	0.6124206
0.0796271	0.0322271	0.0437254	0.0258287	0.0512402	0.0126520
0.0311003	0.0409545	0.0932254	0.0172692	0.0307283	0.0000600
0.1833123	0.4242924	0.1964043	0.6636232	0.2064802	0.0000000
0.5331538	0.7524539	0.7029841	0.8166492	0.5751069	0.6579585
0.5002655	0.7321323	0.6364453	0.7948914	0.5408862	0.6251326
1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Table 3.55 – MATRIX OF DOMESTIC
(11 x 11

Sectors	01	02	03	04	05
01 Agriculture, fishery and forestry	1.1337770	0.0760432	0.3104421	0.1444153	0.1435634
02 Mining and quarrying	0.0055536	1.0350513	0.0403839	0.0313247	0.0312395
03 Manufacturing	0.1565994	0.2261336	1.2662612	0.4919576	0.4668237
04 Construction	0.0002665	0.0011491	0.0005158	1.0006118	0.0004481
05 Electricity, gas and water	0.0068004	0.0547230	0.0164062	0.0159148	1.0128720
06 Transportation, communication and storage	0.0102018	0.0179753	0.0138844	0.0239509	0.0095037
07 Trade	0.0670558	0.0680353	0.0981740	0.1142480	0.0698062
08 Finance & insurance	0.0076060	0.0157544	0.0117028	0.0179937	0.0109268
09 Real estate	0.0025492	0.0033340	0.0042442	0.0051639	0.0031665
10 Private services	0.0049515	0.0275008	0.0143418	0.0246997	0.0117199
11 Government services	0.0000768	0.0001350	0.0001125	0.0001813	0.0000740
Sub-total	1.3954379	1.5258351	1.7764689	1.8704617	1.7601439

Source: National Statistical Coordination Board.

INVERSE COEFFICIENTS, (I–A) 1985
sectors)

06	07	08	09	10	11
0.1028603	0.0537443	0.0381355	0.0364915	0.1370834	0.0690481
0.0116279	0.0054479	0.0053506	0.0049499	0.0106438	0.0070679
0.3499821	0.1154138	0.1196241	0.0964795	0.2789976	0.1971867
0.0019867	0.0031317	0.0030742	0.0779432	0.0026154	0.0099510
0.0238281	0.0791150	0.0702667	0.0114094	0.0491484	0.0330178
1.0363516	0.0310329	0.0210995	0.0072734	0.0236562	0.0310239
0.1537653	1.0337210	0.0370903	0.0246201	0.0828299	0.0839360
0.0194884	0.0275008	1.0775900	0.0154449	0.0215788	0.0126714
0.0168275	0.0320894	0.0322042	1.0205987	0.0175649	0.0198198
0.0454710	0.0226534	0.0775689	0.0178632	1.0750091	0.1030866
0.0076738	0.0002317	0.0001580	0.0000645	0.0001857	1.0003221
1.7698626	1.4040819	1.4821621	1.3131383	1.6993133	1.5671313

Table 3.56 – 1989 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government 1/	
	U	S	U	S	U	S
1. Gross Savings		81,645		50,517		13,944
2. Capital Consumption		55,572		19,045		10,097
3. Net Savings		26,073		31,472		3,847
4. Gross Investments	81,311		50,517		13,944	
5. Real Investments	62,609		61,959		54,425	
6. Consumer Durables	2,227		–		–	
7. Real Estate/Other Fixed Assets	76,796		41,029		47,188	
8. Inventory	(16,414)		20,930		7,237	
9. Net Financial Investment	18,702		(11,442)		(40,481)	
10. Total Financial Uses	134,724		34,990		41,668	
11. Total Financial Sources		116,022		46,432		82,149
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				25,048		(7,451)
15. Other Foreign Monetary Claims						
16. Domestic Currency	(65,737)		37		79,932	
17. Demand Deposits	74,234		650		(62,287)	
18. Savings & Time Deposits	41,699		1,602		1,239	
19. Deposit Substitutes	(5,299)		4,688		1,265	
20. Domestic loans		60,209	5,763	(13,699)	4,547	6,656
21. Investments/ Securities	80,946		11,942	19,535	6,220	47,789
Government Securities						
Others						
22. Insurance Reserves	9,600		(10)			
23. Trust Funds	(719)		439			
24. Trade Credits		(5,308)	9,663	16,746	9,072	7,129
25. Taxes Payable			458	(2,743)	(1,873)	
26. Inter-Financial Claims						
27. Inter-Governmental Claims					(5,466)	(5,466)
28. Miscellaneous		61,121	(242)	1,545	9,019	33,492
29. Statistical Discrepancy	334					

1/ National, Local & Owned or Controlled Corporations.
Source: Central Bank of the Philippines.

MATRIX BY SECTOR
pesos)

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
	24,828		170,934		11,341		182,275		170,934
	2,721		87,435		–		87,435		87,435
	22,107		83,499		11,341		94,840		83,499
24,828		170,600		11,341		181,941		170,600	
2,948		181,941				181,941		181,941	
–		2,227				2,227		2,227	
2,126		167,139				167,139		167,139	
822		12,575				12,575		12,575	
21,880		(11,341)		11,341		0		(11,341)	
166,752		378,134		29,497		407,631		378,134	
	144,872		389,475		18,156		407,631		389,475
(2,121)		(2,121)		–	(2,121)	(2,121)	(2,121)	(2,121)	
(3,267)	12,933	(3,267)	12,933	12,933	(3,267)	9,666	9,666	(3,267)	12,933
5,087	4,754	5,087	22,351	22,351	5,087	27,438	27,438	5,087	22,351
18,457	(5,787)	18,457	(5,787)	(5,787)	18,457	12,670	12,670	18,457	(5,787)
(766)	13,466	13,466	13,466			13,466	13,466	13,466	13,466
653	13,250	13,250	13,250			13,250	13,250	13,250	13,250
460	45,000	45,000	45,000			45,000	45,000	45,000	45,000
	654	654	654			654	654	654	654
45,563	2,707	55,873	55,873			55,873	55,873	55,873	55,873
(28,356)	3,428	70,752	70,752			70,752	70,752	70,752	70,752
1	9,591	9,591	9,591			9,591	9,591	9,591	9,591
1	(279)	(279)	(279)			(279)	(279)	(279)	(279)
1,274	1,442	20,009	20,009			20,009	20,009	20,009	20,009
(3)	1,325	(1,418)	(1,418)			(1,418)	(1,418)	(1,418)	(1,418)
79,592	79,592	79,592	79,592			79,592	79,592	79,592	79,592
		(5,466)	(5,466)			(5,466)	(5,466)	(5,466)	(5,466)
50,177	(37,204)	58,954	58,954			58,954	58,954	58,954	58,954
						334		334	

Table 3.57 – 1990 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic 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 Investment	169,053		18,196		10,450	
5. Real Investment	104,049		30,892		106,175	
6. Consumer Durables	4,856					
7. Real Estate/Fixed Assets	115,500		17,116		96,727	
8. Inventory	(16,307)		13,776		9,448	
9. Net Financial Investment	46,382		(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 Currency Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(55,787)		41,426
15. Other Foreign 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.

MATRIX BY SECTOR
pesos)

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				18,622		18,622	

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		24,828		17,253
2. Capital Consumption		2,721		2,279
3. Net Savings		22,107		14,974
4. Gross Investment	24,828		17,253	
5. Real Investment	2,948		1,538	
6. Consumer Durables	0		0	
7. Real Estate/Fixed Assets	2,126		1,541	
8. Inventory	822		(3)	
9. Net Financial Investment	21,880		15,715	
10. Total Financial Uses	166,752		118,187	
11. Total Financial Sources	0	144,872	0	102,472
12. Gold & Foreign Currency Holdings	(2,121)	0	(1,451)	
13. Foreign Currency Deposits	(3,267)	12,933	85	13,859
14. Foreign loans	5,087	4,754	5,087	4,063
15. Other Foreign Claims	18,457	(5,787)	6,494	(5,606)
16. Domestic Currency	(766)	13,466	2,021	
17. Demand Deposits	653	13,250	649	7,109
18. Savings and Time Deposits	460	45,000	81	45,941
19. Deposit Substitutes	0	654	0	654
20. Domestic Loans	45,563	2,707	19,122	1,050
21. Investments/Securities	(28,356)	3,428	(30,495)	1,155
22. Insurance Reserves	1	9,591	1	6,646
23. Trust Funds	1	(279)	1	(144)
24. Trade Credits	1,274	1,442	1,047	1,084
25. Taxes Payable	(3)	1,325	(3)	680
26. Inter-Financial Claims	79,592	79,592	87,480	87,480
27. Inter-Governmental Claims	0	0	0	
28. Miscellaneous	50,177	(37,204)	28,068	(61,499)
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1989
pesos)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	2,434		1,051		7,821		5,947
	199		(442)		2,540		(18)
	2,235		1,493		5,281		5,965
2,434		1,051		7,821		5,947	
523		64		688		263	
526		64		688		263	
(3)							
1,911		987		7,133		5,684	
75,942		16,211		15,586		10,448	
	74,031		15,224		8,453		4,764
(1,468)		17					
	13,447		412	85			
5,083	4,063			4			
6,068	(5,606)	434		(8)			
990		557		34		440	
142	6,672	(68)	437	645		(70)	
	34,616		11,330	81			(5)
	654						
5,321	(61)	8,959	134	3,567	22	1,275	955
(42,651)	1,921	1,877	926	6,815	(1,690)	3,464	(2)
				1	6,646		
				1	(144)		
				1,047	1,084		
	303		252	(3)	125		
81,454	3,447	4,297	306	1,579	737	150	82,990
21,003	14,575	138	1,427	1,738	1,673	5,189	(79,174)

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Financial			
	Total		Monetary Authorities	
	U	S	U	S
1. Gross Savings		7,575		127
2. Capital Consumption		442		273
3. Net Savings		7,133		(146)
4. Gross Investment	7,575		127	
5. Real Investment	1,410		868	
6. Consumer Durables				
7. Real Estate/Fixed Assets	585		46	
8. Inventory	825		822	
9. Net Financial Investment	6,165		(741)	
10. Total Financial Uses	48,565		37,182	
11. Total Financial Sources		42,400		37,923
12. Gold & Foreign Currency Holdings	(670)		(670)	
13. Foreign Currency Deposits	(3,352)	(926)	(3,568)	(930)
14. Foreign loans	0	691		1,737
15. Other Foreign Claims	11,963	(181)	12,424	(181)
16. Domestic Currency	(2,787)	13,466		13,466
17. Demand Deposits	4	6,141		6,159
18. Savings and Time Deposits	379	(941)		
19. Deposit Substitutes				
20. Domestic Loans	26,441	1,657	13,250	
21. Investments/Securities	2,139	2,273	(709)	512
22. Insurance Reserves		2,945		
23. Trust Funds		(135)		
24. Trade Credits	227	358		
25. Taxes Payable		645		632
26. Inter-Financial Claims	(7,888)	(7,888)	(8,810)	15,332
27. Inter-Governmental Claims				
28. Miscellaneous	22,109	24,295	25,265	1,196
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1989 (continued)
pesos)

Sector							
Government							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
U	S	U	S	U	S	U	S
	1,316		7,591		(1,459)		11,341
	58		91		20		–
	1,258		7,500		(1,479)		11,341
1,316		7,591		(1,459)		11,341	
43		445		54		–	
43		443		53			
		2		1			
1,273		7,146		(1,513)		11,341	
(87)		10,703		767		29,497	
	(1,360)		3,557		2,280		18,156
							(2,121)
	4			216		12,933	(3,267)
					(1,046)	22,351	5,087
(461)						(5,787)	18,457
12		(176)		(2,623)			
4	(18)						
	(941)	379					
1,495	(146)	7,227	11	4,469	1,792		
(1,541)		2,159		2,230	1,761		
			2,945				
			(135)				
		227	358				
	13						
409	(67)	513	289		(23,442)		
(5)	(205)	374	89	(3,525)	23,215		

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings		146,106		132,162
2. Capital Consumption		84,714		74,617
3. Net Savings		61,392		57,545
4. Gross Investment	145,772		131,828	
5. Real Investment	178,993		124,568	
6. Consumer Durables	2,227		2,227	
7. Real Estate/Fixed Assets	165,013		117,825	
8. Inventory	11,753		4,516	
9. Net Financial Investment	(33,221)		7,260	
10. Total Financial Uses	211,382		169,714	
11. Total Financial Sources		244,603		162,454
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		17,597		25,048
15. Other Foreign Claims				
16. Domestic Currency	14,232		(65,700)	
17. Demand Deposits	12,597		74,884	
18. Savings and Time Deposits	44,540		43,301	
19. Deposit Substitutes	654		(611)	
20. Domestic Loans	10,310	53,166	5,763	46,510
21. Investments/Securities	99,108	67,324	92,888	19,535
22. Insurance Reserves	9,590		9,590	
23. Trust Funds	(280)		(280)	
24. Trade Credits	18,735	18,567	9,663	11,438
25. Taxes Payable	(1,415)	(2,743)	458	(2,743)
26. Inter-Financial Claims				
27. Inter-Governmental Claims	(5,466)	(5,466)		
28. Miscellaneous	8,777	96,158	(242)	62,666
29. Statistical Discrepancy	334		334	

ACCOUNTS MATRIX, 1989 (continued)
pesos)

Sector			
Private			
Corporations		Households and Non-Corporate Business	
U	S	U	S
	50,517		81,645
	19,045		55,572
	31,472		26,073
50,517		81,311	
61,959		62,609	
–		2,227	
41,029		76,796	
20,930		(16,414)	
(11,442)		18,702	
34,990		134,724	
	46,432		116,022
	25,048		
37		(65,737)	
650		74,234	
1,602		41,699	
4,688		(5,299)	
5,763	(13,699)		60,209
11,942	19,535	80,946	
(10)		9,600	
439		(719)	
9,663	16,746		(5,308)
458	(2,743)		
(242)	1,545		61,121
		334	

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Non-Financial			
	TOTAL		Govern- National	
	U	S	U	S
1. Gross Savings		13,944		(7,432)
2. Capital Consumption		10,097		1,825
3. Net Savings		3,847		(9,257)
4. Gross Investment	13,944		(7,432)	
5. Real Investment	54,425		28,097	
6. Consumer Durables				
7. Real Estate/Fixed Assets	47,188		26,537	
8. Inventory	7,237		1,560	
9. Net Financial Investment	(40,481)		(35,529)	
10. Total Financial Uses	41,668		16,224	
11. Total Financial Sources		82,149		51,753
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		(7,451)		(9,815)
15. Other Foreign Claims				
16. Domestic Currency	79,932		80,356	
17. Demand Deposits	(62,287)		(63,998)	
18. Savings and Time Deposits	1,239		(97)	
19. Deposit Substitutes	1,265			
20. Domestic Loans	4,547	6,656		3,662
21. Investments/Securities	6,220	47,789	1,599	38,595
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	9,072	7,129	1,104	12,374
25. Taxes Payable	(1,873)		(1,873)	
26. Inter-Financial Claims				
27. Inter-Governmental Claims	(5,466)	(5,466)	(3,568)	5,138
28. Miscellaneous	9,019	33,492	2,701	1,799
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1989 (continued)
pesos)

Sector					
m e n t				1989 Grand Total	
Local		Corporation			
U	S	U	S	U	S
	4,213		17,163		182,275
	478		7,794		87,435
	3,735		9,369		94,840
4,213		17,163		181,941	
2,880		23,448		181,941	
				2,227	
2,836		17,815		167,139	
44		5,633		12,575	
1,333		(6,285)		0	
(321)		25,765		407,631	
	(1,654)		32,050		407,631
				(2,121)	(2,121)
				9,666	9,666
	(1)		2,365	27,438	27,438
				12,670	12,670
(763)		339		13,466	13,466
1,426		285		13,250	13,250
604		732		45,000	45,000
		1,265		654	654
	10	4,547	2,984	55,873	55,873
(179)	(1)	4,800	9,195	70,752	70,752
				9,591	9,591
				(279)	(279)
309	205	7,659	(5,450)	20,009	20,009
				(1,418)	(1,418)
				79,592	79,592
(1,898)	(1,784)		(8,820)	(5,466)	(5,466)
180	(83)	6,138	31,776	58,954	58,954
				334	

Table 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		18,526		8,380
2. Capital Consumption		(387)		(528)
3. Net Savings		18,913		8,908
4. Gross Investment	18,526		8,380	
5. Real Investment	5,073		4,782	
6. Consumer Durables				
7. Real Estate/Fixed Assets	4,906		4,779	
8. Inventory	167		3	
9. Net Financial Investment	13,453		3,598	
10. Total Financial Uses	200,254		109,298	
11. Total Financial Sources		186,801		105,700
12. Gold & Foreign Currency Holdings	12,171		745	
13. Foreign Currency Deposits	3,503	42,065	13	16,957
14. Foreign loans	3,690	42,382	3,690	8,372
15. Other Foreign Claims	7,822	5,686	18,517	4,088
16. Domestic Currency	7,648	10,607	1,347	
17. Demand Deposits	(65)	(12,139)	(90)	8,984
18. Savings and Time Deposits	1,424	48,337	135	46,744
19. Deposit Substitutes		681		681
20. Domestic Loans	(87,129)	1,700	(94,799)	3,223
21. Investments/Securities	4,911	7,702	(5,659)	5,201
22. Insurance Reserves	186	4,141	186	(2,850)
23. Trust Funds	2	589	2	10
24. Trade Credits	3,866	612	2,369	640
25. Taxes Payable	1	4,237	1	4,453
26. Inter-Financial Claims	173,976	173,976	172,143	172,143
27. Inter-Governmental Claims				
28. Miscellaneous	68,248	(143,775)	10,698	(162,946)
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1990
pesos)

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 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector / 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		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				

ACCOUNTS MATRIX, 1990 (continued)
pesos)

Sector							
Government							
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 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings		197,699		187,249
2. Capital Consumption		81,946		66,668
3. Net Savings		115,753		120,581
4. Gross Investment	197,699		187,249	
5. Real Investment	241,116		134,941	
6. Consumer Durables	4,856		4,856	
7. Real Estate/Fixed Assets	229,343		132,616	
8. Inventory	6,917		(2,531)	
9. Net Financial Investment	(62,039)		33,686	
10. Total Financial Uses	188,689		164,038	
11. Total Financial Sources		250,728		130,352
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		(14,361)		(55,787)
15. Other Foreign Claims				
16. Domestic Currency	2,959		(1,525)	
17. Demand Deposits	(12,074)		(5,559)	
18. Savings and Time Deposits	46,913		44,864	
19. Deposit Substitutes	681		1,920	
20. Domestic Loans	4,640	(84,189)	6,879	(105,338)
21. Investments/Securities	61,842	59,051	91,158	31,645
22. Insurance Reserves	3,955		3,955	
23. Trust Funds	587		587	
24. Trade Credits	34,873	38,127	25,260	29,698
25. Taxes Payable	6,689	2,453	(47)	2,453
26. Inter-Financial Claims				
27. Inter-Governmental Claims	37,379	11,280		
28. Miscellaneous	245	238,367	(3,454)	227,681
29. Statistical Discrepancy	18,622		18,622	

ACCOUNTS MATRIX, 1990 (continued)
pesos)

Sector			
Private			
Corporations		Households and Non-Corporate Business	
U	S	U	S
	18,196		169,053
	(13,886)		80,554
	32,082		88,499
18,196		169,053	
30,892		104,049	
		4,856	
17,116		115,500	
13,776		(16,307)	
(12,696)		46,382	
57,571		106,467	
	70,267		60,085
	(55,787)		
(10)		(1,515)	
1,225		(6,784)	
3,104		41,760	
2,030		(110)	
6,879	67,049		(172,387)
22,721	31,645	68,437	
(57)		4,012	
(80)		667	
25,260	24,245		5,453
(47)	2,453		
(3,454)	662		227,019
		18,622	

Table 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
			Govern-	
Transaction Categories	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				

ACCOUNTS MATRIX, 1990 (continued)
pesos)

Sector				1990 Grand Total	
m e n t					
Local		Corporation			
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	

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 (formerly NEC) publication, The Raw Materials Resources Survey Bulletin.

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Fig. 4.1 Area Reforested and Deforested, 1982 to 1991

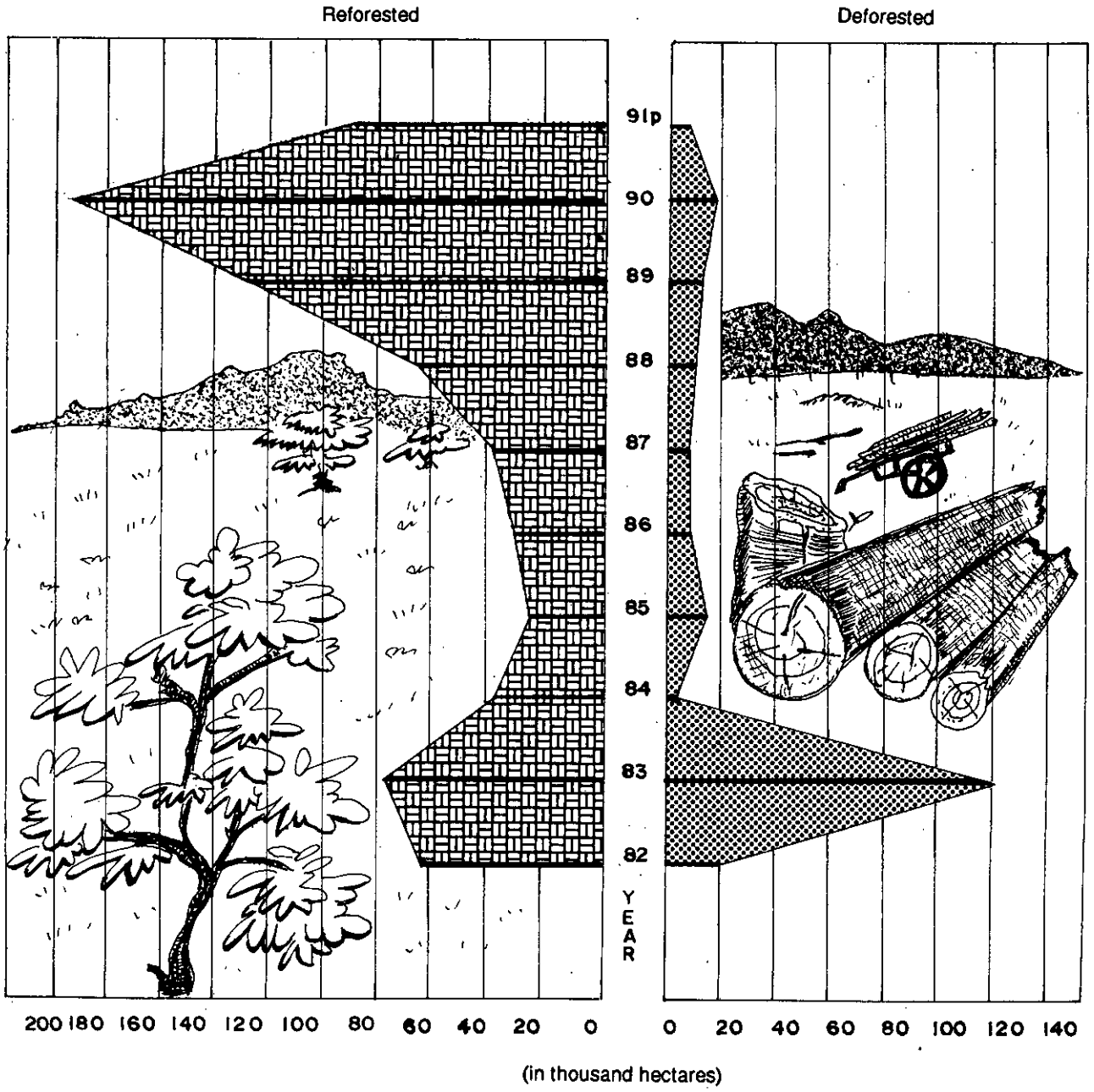


Table 4.1 – STATUS OF LAND CLASSIFICATION

(In

Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
PHILIPPINES	30,000,000	13,728,841	14,378,191	845,282	13,532,909
NCR	63,600	48,232	15,368	14,740	628
CAR	1,829,368	340,656	1,488,712	21,135	1,467,577
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
1 ILOCOS	1,284,019	810,062	473,957	33,155	440,802
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
2 CAGAYAN VALLEY	2,683,758	960,132	1,723,626	146,305	1,577,321
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
3 CENTRAL LUZON	1,823,082	1,051,908	771,174	26,874	744,300
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
4 SOUTHERN TAGALOG	4,692,416	2,161,264	2,531,152	160,308	2,370,844
Aurora	323,954	132,008	191,946	-	191,946
Batnagas	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
5 BICOL	1,763,249	1,222,060	541,189	29,873	511,316
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

BY REGION AND BY PROVINCE: 1991
hectares)

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
2,468,117	9,805,475	1,334,031	129,776	165,946	75,216
-	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
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

Table 4.1 – STATUS OF LAND CLASSIFICATION

(In

	Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
6	*WESTERN VISAYAS*	2,022,311	1,408,782	613,529	1,606	611,923
	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
7	*CENTRAL VISAYAS*	1,495,142	959,223	535,919	69,555	466,364
	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
8	*EASTERN VISAYAS*	2,143,169	1,023,715	1,119,454	38,925	1,080,529
	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
9	*WESTERN MINDANAO*	1,868,514	865,322	1,003,192	118,019	885,173
	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
10	*NORTHERN MINDANAO*	2,832,774	1,067,348	1,765,426	50,732	1,714,694
	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
11	*SOUTHERN MINDANAO*	3,169,275	1,212,440	1,956,835	116,774	1,840,061
	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
12	*CENTRAL MINDANAO*	2,329,323	986,585	1,342,738	53,156	1,289,582
	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

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.

BY REGION AND BY PROVINCE: 1991 (continued)
hectares)

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
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
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

Table 4.2 – CLASSIFIED AND UNCLASSIFIED LAND AREA: 1955 TO 1991
(In hectares)

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	48.87	14,020,446	46.73	1,319,794	4.40
1986	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
1987	14,108,087	47.03	15,010,616	50.04	881,297	2.94
1988	14,117,753	47.06	15,001,090	50.00	881,157	2.94
1989	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1990	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1991	14,117,729	47.06	15,001,114	50.00	881,157	2.94

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.

Fig. 4.2 Classified and Unclassified Land Area, 1982 – 1991

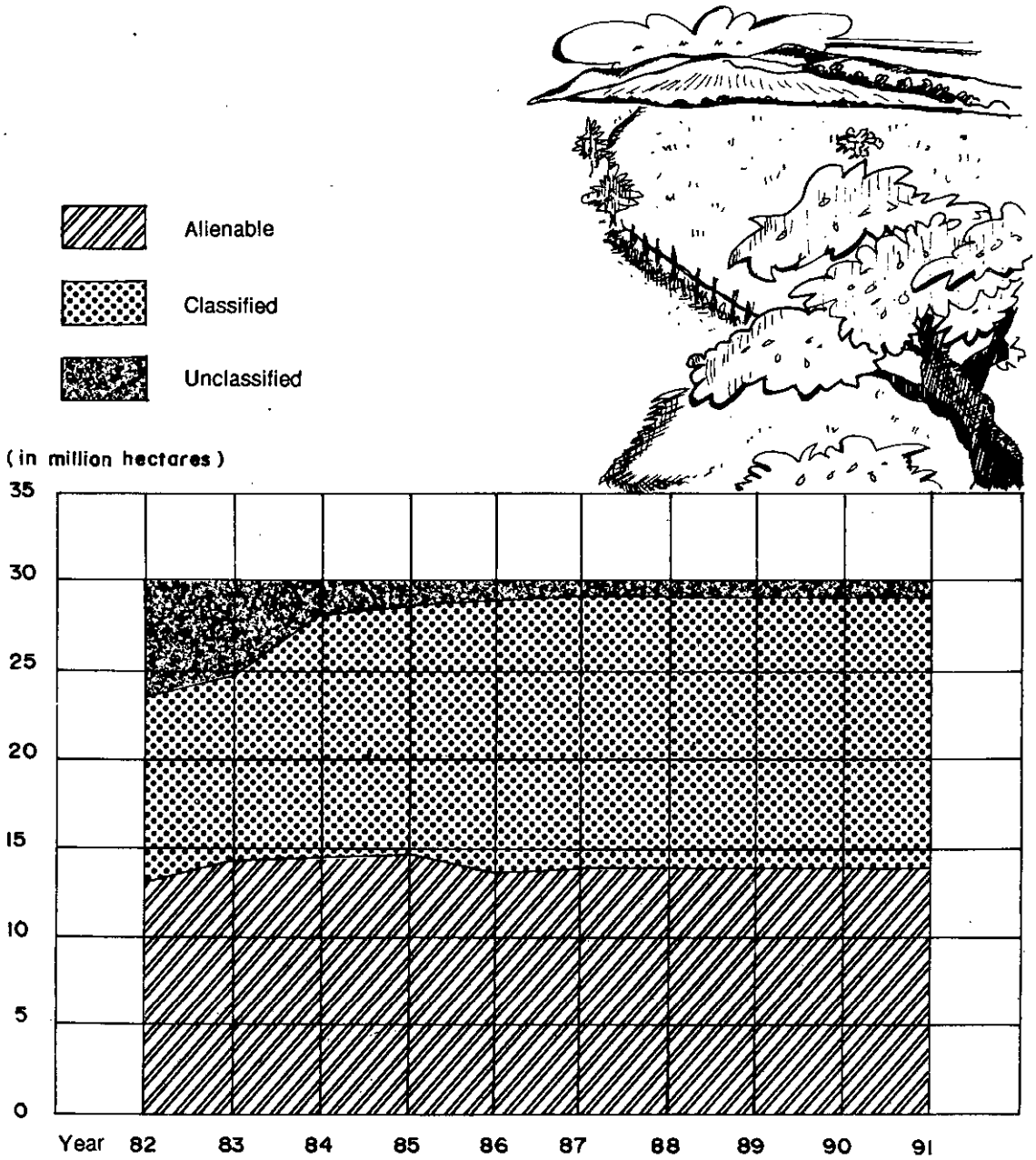


Table 4.3 – AREA REFORESTED ANNUALLY: 1976 TO 1991
(In hectares)

Year	Total	Newly Planted Area					
		Government Sector			Private Sector		
		Sub-Total	FMB	Other Agencies	Sub-Total	Timber & Licenses	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 P	93,039	73,602	72,238	1,364	19,437	18,089	1,348

Source: Forest Management Bureau.

Table 4.4 – FOREST DESTRUCTION BY CAUSE: 1976 TO 1991
(In hectares)

Year	Total	Kaingin	Forest Fire	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 P	7,233	759	5,872	72	...	530

a/ Disaggregation not available.
Source: Forest Management Bureau.

Table 4.5 – QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER: 1976 TO 1991
(In thousand cubic meter)

	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 p	1,626	706	306	54

Source: Forest Management Bureau.

Fig. 4.3 Quantity and Production of Logs, Lumber, Plywood Veneer, 1982 – 1991

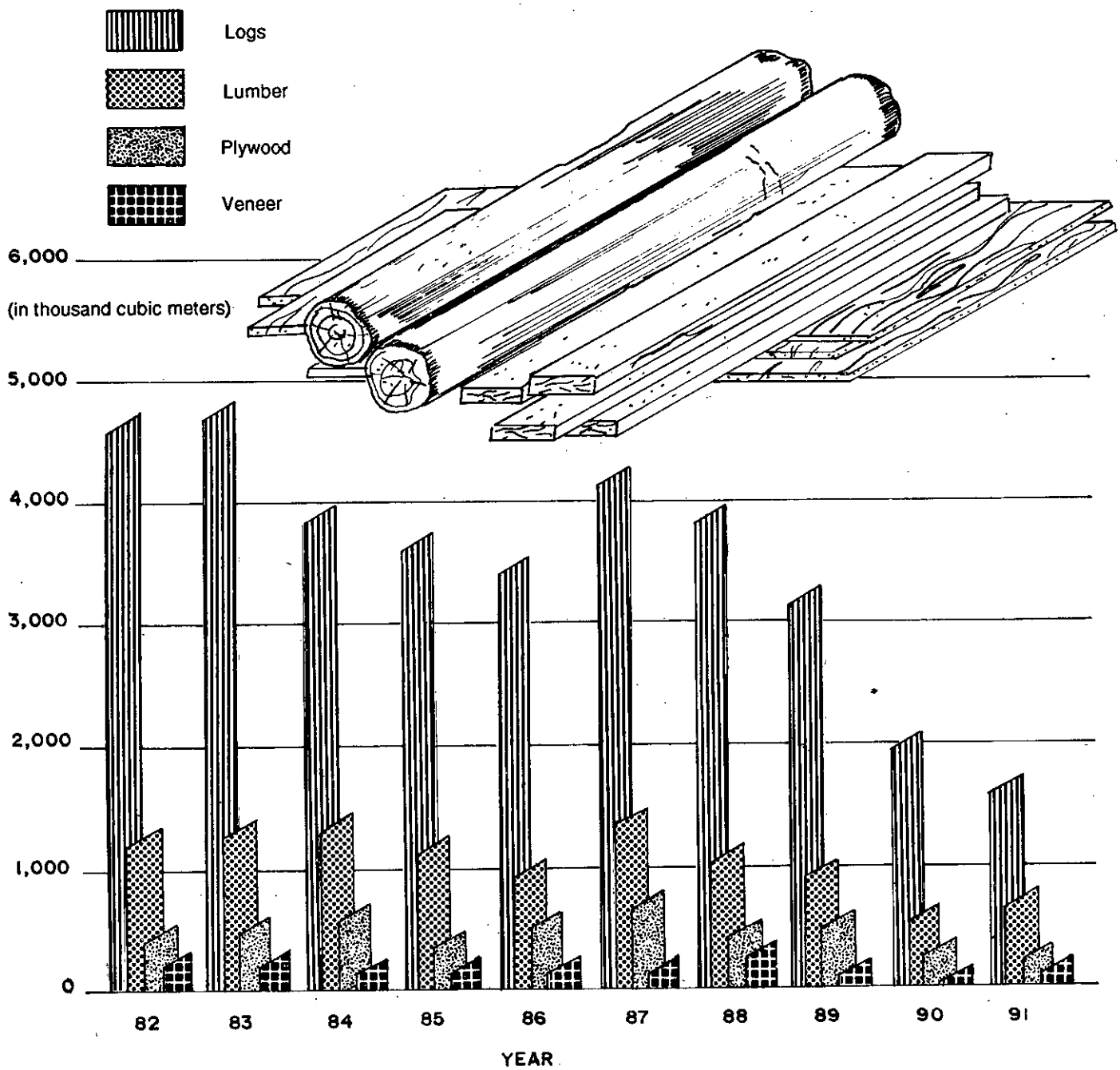


Table 4.6 – ROUNDWOOD PRODUCTION: 1976 TO 1991
(In thousand cubic meters)

Year	Grand Total	Log			Fuelwood / Firewood		
		Sawlog / Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
1976	8,729	8,646 a/	...	...	8	34 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 p	1,824	1,265	349	12	...	147	51

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 1976 TO 1991
(In thousand metric tons)

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

a/ In thousand cubic meters.
Source: Forest Mangement Bureau and PULPAPEL.

Table 4.8 – NON-TIMBER FOREST PRODUCTS HARVESTED: 1976 TO 1991
(In thousands)

Year	Almaciga Resin	Hingiw	Nito	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	2	25	1,177	673	859
1982	1,407	3	17	195	258	83
1983	462	10	8	73	83	52
1984	191	9	12	2,770	144	98
1985	380	10	23	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 p	780	–	–	568	–	–

Year	Buri Midribs	Nipa Shingles	Anahaw Leaves	Bamboo and Boho	Honey and Beeswax	Unsplit Rattan
	(piece)				(ltr)	(linear meter)
1976	69	630	–	76	–	7,308
1977	–	736	–	787	2	3,751
1978	36	1,492	–	426	27	6,884
1979	–	809	–	1,769	53	10,628
1980	32	2,624	–	327	2	12,758
1981	308	2,978	40	885	1	33,511
1982	97	4,126	22	647	94	15,594
1983	57	3,166	96	410	1	24,244
1984	155	1,757	6	309	–	25,370
1985	48	2,675	31	644	1	19,437
1986	33	3,989	–	428	1	28,588
1987	5	3,579	2	402	*	33,902
1988	41	2,504	–	133	–	34,215
1989	88	5,298	–	204	*	33,254
1990	58	8,023	2	984	–	19,266
1991 p	16	14,719	41	892	*	25,783

Source: Forest Management Bureau

Fig. 4.4 Selected Metallic Mineral Ore Reserves, 1981 – 1990

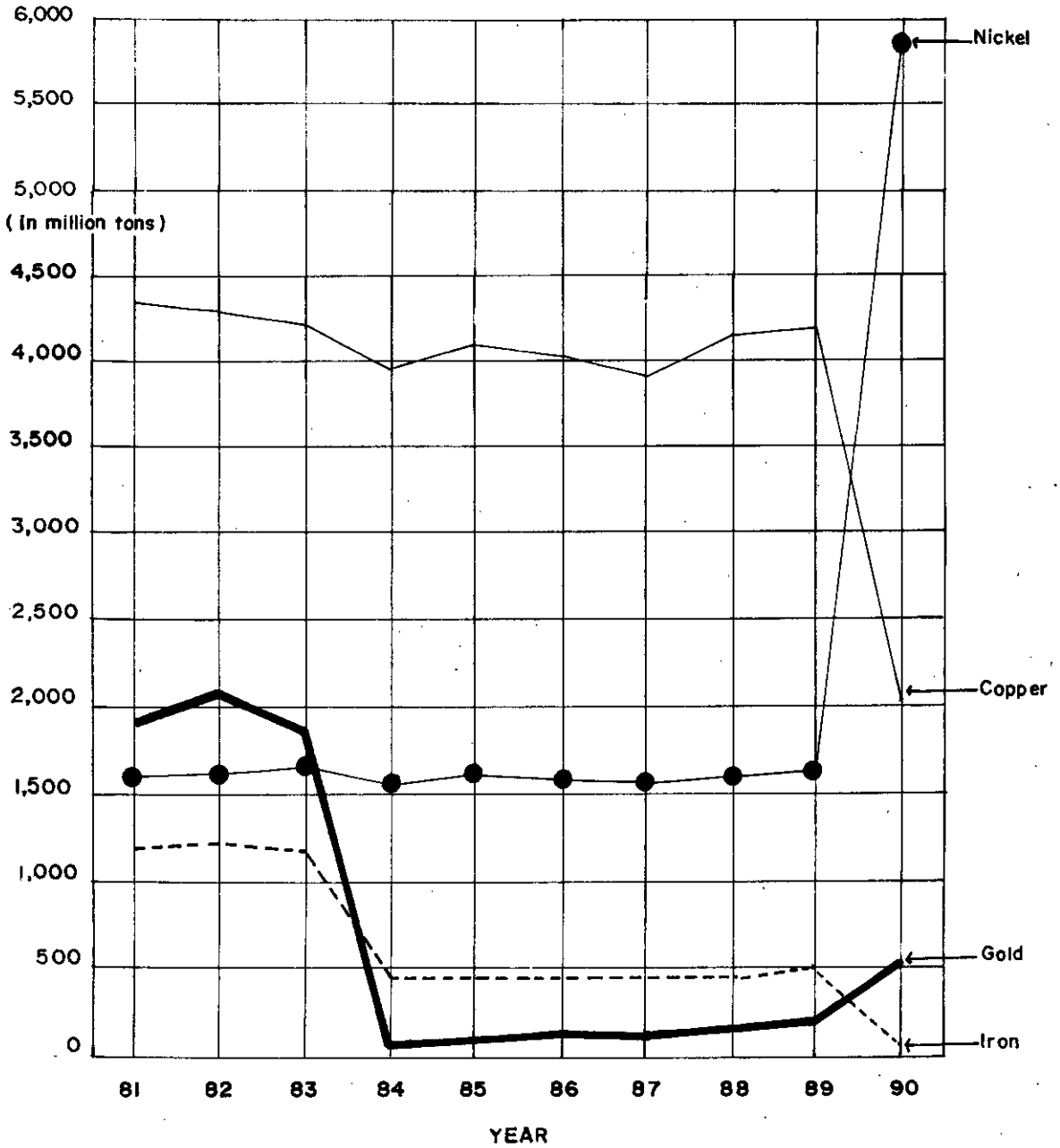


TABLE 4.9 – MINERAL ORE
(In thousand

Kind of Ore	Estimated reserves 1981	1982	1983	1984
Total	25,003,416	24,997,149	24,114,126	20,439,710
Metallic	10,248,615	10,314,690	9,910,498	6,301,666
Bauxite	...	...	...	82,650
Cadmium	47	47	47	...
Chromite	96,716	91,576	93,106	32,941
(Metallurgical)	87,599	83,470	84,632	16,922
(Refractory)	9,117	8,106	8,474	12,701
(Chemical)	...	...	...	3,318
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	1,319,391	1,331,093	1,303,447	474,362
(Aluminum laterite)	292,011	292,011	292,010	292,010
(Laterite)	783,878	798,679	769,849	...
(Lump ore)	123,278	120,179	121,364	80,732
(Magnetic sand)	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

RESERVES: 1981 TO 1990
tonnes)

as of December 31					
1985	1986	1987	1988	1989	1990
20,672,635	20,892,126	20,749,910	21,460,497	23,194,694	17,880,146
6,449,168	6,336,610	6,196,472	6,443,600	6,563,362	8,765,794
82,650	82,650	82,650	82,650	82,650	37,466
...	...	...	...	...	...
32,072	30,115	29,824	27,511	31,725	94,076
16,465	16,446	15,140	15,076	16,860	11,700
12,365	10,443	11,884	9,635	11,154	79,576
3,242	3,226	2,800	2,800	3,710	2,800
4,092,439	4,017,190	3,881,255	4,105,743	4,180,219	2,045,276
101,048	101,920	101,557	106,516	129,796	542,846
474,362	474,362	474,362	474,362	490,762	118,020
292,010	292,010	292,010	292,010	292,010	...
...	...	...	...	...	...
80,732	80,732	80,732	80,732	80,732	16,400
101,620	101,620	101,620	101,620	118,020	101,620
6,313	6,313	6,313	6,313	6,313	6,313
1,396	1,179	1,396	1,955	1,955	5,600
16,243	16,243	16,243	16,243	16,243	16,243
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	5,869,346
...	...	...	...	...	...
...	...	...	...	...	...
6,163	6,163	6,163	6,163	6,163	...

TABLE 4.9 – MINERAL ORE
(In thousand

Kind of Ore	Estimated reserves 1981	1982	1983	1984
Non-Metallic	14,754,801	14,682,459	14,203,628	14,138,044
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
(Kaolinitic)	...	...	...	...
(Fire clay)	...	...	...	...
(Bentonitic)	...	...	...	...
(Ball clay)	...	...	...	...
(Feldspathic)	...	...	...	...
(Siliceous)	...	...	...	...
Cement raw materials	6,350,588	6,249,970	6,178,482	6,399,211
Construction materials	655,607	656,710	649,932	687,882
Diatomaceus 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
(Lime raw materials)	...	...	...	...
(Dolomitic)	264,578	271,672	267,832	256,577
(Cement raw materials)	...	...	...	...
(Marblelized)	...	...	...	...
Limestone for Agricultural line	...	...	...	310,547
Magnesite	26,535	26,536	26,536	26,534
Marble	3,955,039	3,970,772	3,942,974	4,155,251
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
Quartz	511,267	510,390	511,734	...
Rock Aggregates	...	...	...	...
Rock phosphate	...	...	...	2,346
Sand and Gravel	...	...	...	...
Shale	...	...	...	...
Silica	782,992	797,410	435,448	92,403
(Sand)	782,992	797,410	435,448	92,403
(Siliceous rock/Massive)	...	...	...	...
(Quartz-Massive)	...	...	...	...
(Quartz-Boulder)	...	...	...	...
Sulphur	29,453	29,453	29,453	29,453
Talc	503	503	503	503

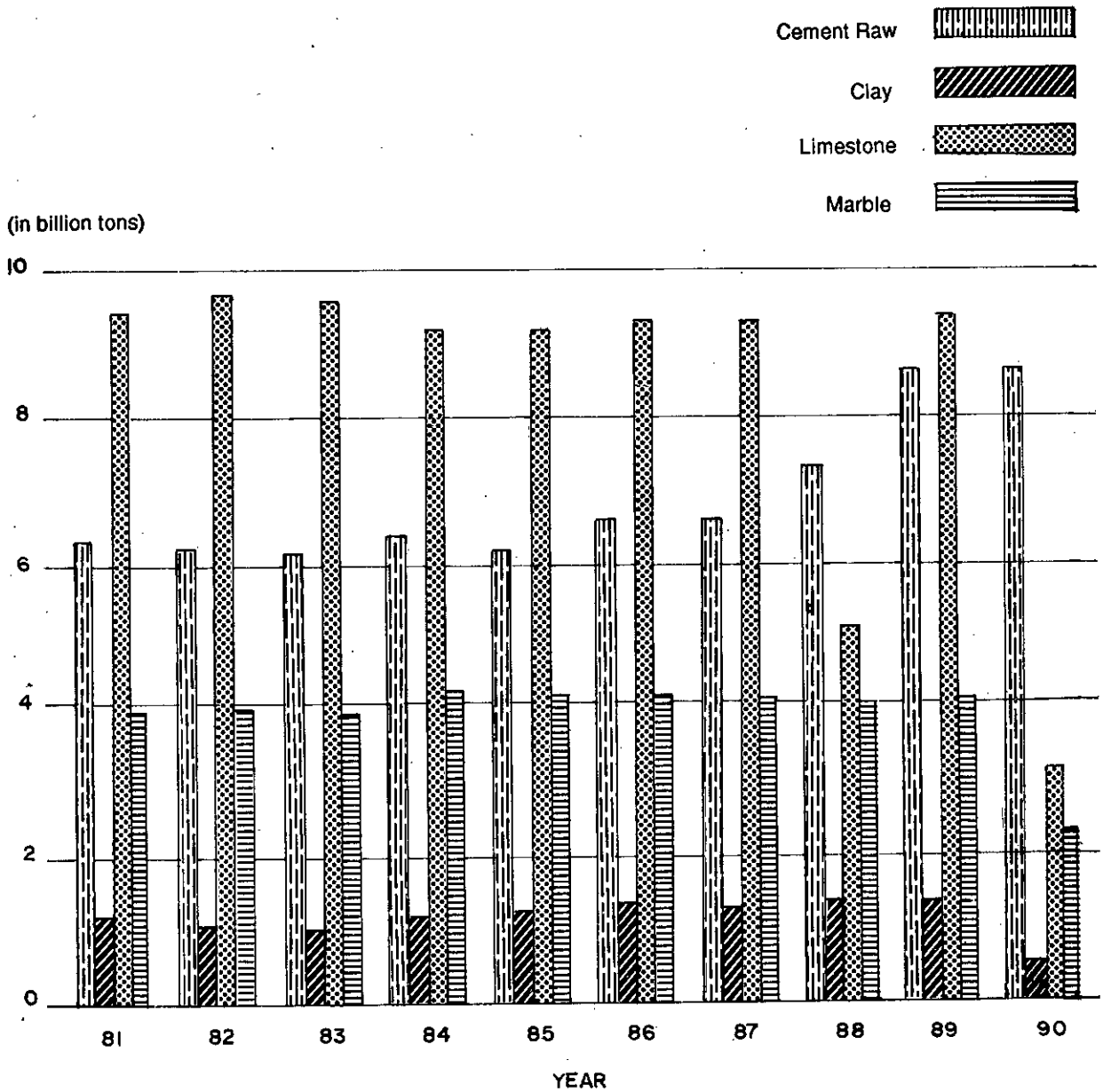
a in thousand cubic meters
Note: The format was revised based on the 1990 data of MGB.

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

RESERVES: 1981 TO 1990 (continued)
tonnes)

as of December 31						
1985	1986	1987	1988	1989	1990	
14,223,467	14,555,516	14,553,438	15,016,897	16,631,332	9,114,352	
24,498	24,498	24,498	24,498	24,498	19,439	a
163	163	163	163	163	163	a
1,182	1,382	1,381	1,381	1,385	1,334	
1,117,880	1,121,967	1,121,963	1,126,965	1,126,965	48,282	
...	...	...	...	...	10,000	
...	...	...	...	...	3,296	a
...	...	...	...	...	27,153	a
...	...	...	...	...	5,676	a
...	...	...	...	...	32	a
...	...	...	...	...	2,125	a
6,204,710	6,508,301	6,507,569	7,350,051	8,583,892	...	
691,003	689,487	689,011	689,280	689,280	...	
3,903	3,903	3,903	3,903	3,903	2,952	a
29,392	29,388	29,380	29,380	29,380	20,952	a
815	1,014	1,014	1,014	1,014	...	
1,883	1,883	1,883	1,883	1,883	1,883	a
488,388	489,107	488,758	259,816	486,431	3,473,030	
...	...	...	...	...	660,427	
488,388	489,107	488,758	259,816	486,431	277,044	
...	...	...	...	...	2,515,955	
...	...	...	...	...	19,604	a
310,545	312,458	312,949	262,449	312,949	...	
26,534	26,534	26,534	26,534	26,534	26,534	
4,154,944	4,154,934	4,154,925	4,047,024	4,058,472	2,428,328	
...	...	...	...	...	...	
18,509	18,509	18,509	18,509	18,509	39,906	
21,878	21,878	21,878	21,878	21,878	21,878	
987,016	988,584	988,482	991,531	983,402	975,085	
...	...	...	...	...	...	
...	...	...	...	...	288	a
2,346	2,407	2,407	2,407	2,407	...	
...	...	...	...	...	4,471	a
...	...	...	...	...	575,924	
107,921	114,605	113,717	113,717	213,873	1,424,619	
107,921	114,605	113,717	113,717	213,873	295,082	
...	...	...	...	...	1,069,776	
...	...	...	...	...	59,724	
...	...	...	...	...	37	a
29,454	44,011	44,011	44,011	44,011	48,781	
503	503	503	503	503	503	

Fig. 4.5 Selected Non-Metallic Mineral Ore Reserves, 1981 - 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; weights 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 (BAS) 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 (BFAR) 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 agicultural holdings reporting them; (4) number of livestock herd at a specific data; (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 (PAGASA).

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

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Figure 5.2	Quantity of Selected Principal Agricultural Exports, 1982 to 1991	5-24

Fig. 5.1 **Production Trend for Selected Agricultural Crops, 1982 – 1991**

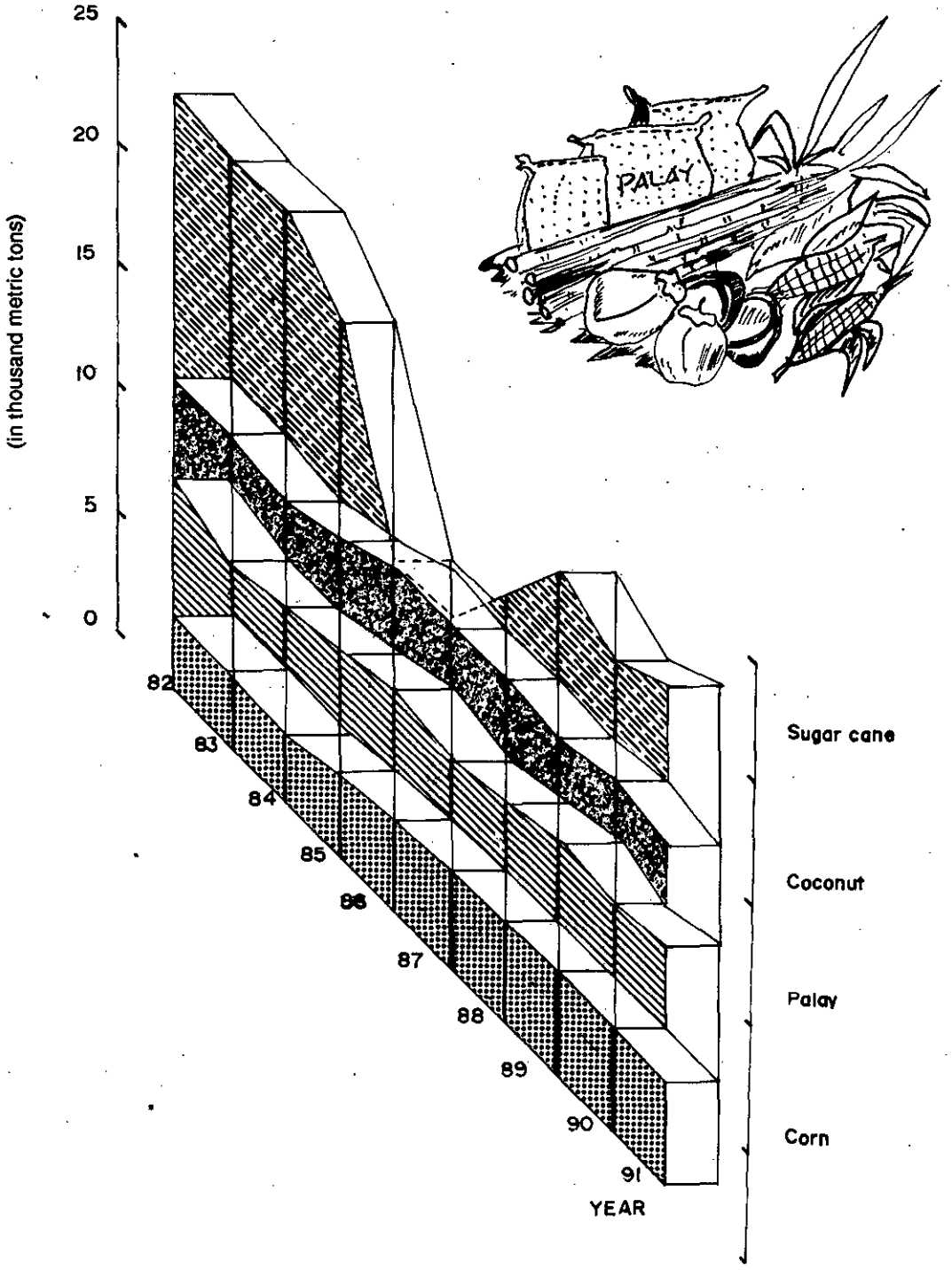

Table 5.1 – AGRICULTURAL PRODUCTION
(Harvest Area – in thousand hectares;

ITEM	1982			1983			1984		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
AGRICULTURAL CROPS	13,077.7	65,450.0	47,619.0	12,386.8	61,689.7	50,972.6	12,589.1	61,865.8	90,275.5
A. CEREALS	6,734.0	11,737.8	15,915.9	6,186.3	10,429.0	15,620.4	6,389.3	11,079.2	27,384.7
Palay	3,351.1	8,333.7	11,572.6	3,054.3	7,294.9	11,281.1	3,162.3	7,828.9	19,668.1
Corn	3,382.9	3,404.1	4,343.3	3,132.0	3,134.1	4,339.3	3,227.0	3,250.3	7,716.6
B. MAJOR CROPS	4,988.0	45,666.6	21,974.9	4,907.0	43,492.9	25,962.9	4,963.9	43,322.9	51,247.4
Coconut	3,203.7	13,145.7	6,178.5	3,201.3	12,368.3	8,163.1	3,222.9	11,737.6	22,184.1
Sugarcane	416.5	24,434.4	4,642.5	411.4	24,014.1	4,802.8	409.5	23,944.2	6,704.4
Banana	282.6	3,364.3	2,489.6	277.7	3,015.7	2,834.8	285.7	3,058.3	4,709.8
Pineapple	59.2	1,009.8	949.2	61.3	967.0	1,005.7	59.0	1,035.6	1,698.4
Coffee	127.6	121.9	1,453.0	132.2	122.1	2,091.6	138.3	124.7	3,674.9
Mango	51.2	311.6	1,598.5	52.0	303.3	1,747.0	52.7	339.3	3,104.6
Tobacco	70.2	86.1	497.7	66.8	86.3	720.6	70.0	98.1	1,253.7
Abaca	147.6	100.1	285.3	131.6	84.3	342.3	124.6	86.2	766.3
Rubber	74.4	97.9	235.9	76.5	96.0	370.6	77.8	140.7	769.6
Cacao	12.3	4.9	82.1	12.8	5.6	89.6	13.9	6.0	157.4
Cassava	203.4	1,530.6	857.1	175.5	1,151.9	760.3	201.5	1,491.1	1,506.0
Camote	174.0	863.2	725.1	150.6	731.4	724.1	149.7	692.9	1,039.4
Peanut	52.5	43.8	216.4	48.1	33.7	181.6	46.5	40.0	327.6
Mongo	35.4	26.2	144.1	33.6	24.9	158.4	33.8	25.1	269.3
Onion	6.4	43.8	169.5	6.5	42.5	449.7	7.8	52.5	467.8
Garlic	7.0	19.8	378.6	5.9	14.6	311.4	5.5	13.3	620.2
Tomato	15.9	133.5	301.7	15.3	133.3	382.6	16.3	149.0	657.1
Eggplant	14.8	125.6	304.0	14.2	112.1	281.4	14.7	110.4	407.4
Cabbage	6.3	66.8	142.3	6.0	63.0	149.9	5.9	62.1	328.5
Citrus b/	27.0	136.6	323.8	27.7	122.8	395.4	27.8	115.8	600.9
C. OTHER CROPS	1,355.7	8,045.6	9,728.2	1,293.5	7,767.8	9,389.3	1,235.9	7,463.7	11,643.4
Other fibercrops	144.2	314.4	462.1	97.8	245.7	392.5	81.9	198.5	474.8
Other rootcrops	154.1	267.7	451.9	147.0	245.9	350.6	125.5	197.8	319.3
Tubers	103.6	148.5	169.4	102.7	147.3	95.3	96.5	140.2	114.8
Spices	37.5	23.8	47.7	49.6	21.3	41.7	44.9	22.9	54.5
Fruit bearing Vegetables	369.0	2,706.6	2,920.8	348.9	2,677.8	3,050.5	326.2	2,503.4	3,295.1
Leafy/Stem Vegetables	152.5	1,130.0	1,175.0	151.4	1,108.9	1,110.1	147.0	1,092.0	1,475.7
Other Legumes	27.9	32.4	91.1	25.2	28.6	70.1	21.6	29.7	78.2
Other fruits	266.9	2,981.0	3,543.9	274.0	2,882.5	3,472.3	291.3	2,852.3	4,912.6
Others	100.0	441.2	866.3	96.9	409.80	806.2	101.0	426.9	918.4

BY KIND OF CROP : 1982 to 1991
Quantity – in thousand metric tons; Value – in million pesos)

1985			1986			1987			1988		
Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
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	13,127.6	59,700.4	125,313.1
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	7,137.8	13,399.0	43,186.0
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	3,392.7	8,971.0	30,612.6
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	3,745.1	4,428.0	12,573.4
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	4,792.5	38,027.4	57,907.0
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	3,221.8	12,481.8	19,222.0
368.5	17,542.1	5,788.9	300.1	14,831.1	5,042.6	269.3	13,797.0	6,208.7	215.7	17,275.0 a/	9,202.4
289.8	3,127.1	5,191.0	292.7	3,192.6	5,140.1	298.9	3,157.4	4,830.8	294.6	3,067.3	4,754.3
58.0	1,030.0	1,792.2	60.9	1,273.2	2,253.6	63.1	1,303.4	2,893.5	60.5	1,181.2	3,768.0
137.2	137.3	3,394.1	141.3	145.3	4,967.8	143.2	140.1	3,857.0	142.5	141.9	3,881.0
53.7	355.7	2,888.3	54.4	372.9	4,128.0	55.5	367.1	3,942.7	55.7	361.1	4,954.3
60.2	74.3	1,108.6	64.2	74.2	1,003.9	68.7	82.8	1,793.4	61.4	76.4	1,333.2
120.4	81.3	507.3	116.8	83.6	403.0	114.8	82.0	525.6	108.3	84.1	736.7
80.7	145.9	665.3	82.6	146.0	773.8	83.9	147.2	1,017.2	84.6	156.4	828.9
15.5	7.0	188.4	16.8	8.0	218.8	17.5	8.8	266.0	17.7	9.1	218.5
204.6	1,686.7	1,990.3	211.4	1,724.1	2,120.6	209.7	1,784.3	1,855.7	217.1	1,865.9	2,276.4
150.2	701.7	1,277.1	155.2	726.2	1,328.9	149.6	716.9	1,190.1	144.1	695.0	1,237.1
50.4	41.3	354.4	50.9	42.2	405.5	55.3	43.0	352.6	51.0	39.9	345.9
35.5	25.3	303.1	36.0	25.9	321.4	34.7	25.3	270.5	36.7	26.6	316.8
7.1	53.1	577.2	6.6	54.2	471.0	7.0	60.9	549.9	5.8	45.9	420.9
6.3	15.0	698.9	6.8	15.5	596.3	6.3	15.4	330.8	5.6	14.1	905.8
16.7	150.4	616.6	18.1	165.7	725.8	18.0	166.9	642.6	18.4	167.9	851.3
14.4	102.7	438.5	14.5	104.5	491.2	14.8	107.7	535.3	15.3	109.8	563.3
6.2	66.1	342.4	6.4	69.0	428.5	6.5	71.3	307.3	6.4	70.3	357.1
27.8	129.5	642.3	27.9	139.3	767.3	28.7	156.3	1,225.5	29.3	157.7	1,733.1
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	1,197.3	8,274.0	24,220.1
92.2	204.8	987.3	89.2	195.1	682.8	35.0	68.0	651.0	40.0	76.0	727.1
106.8	121.1	309.8	109.7	126.4	379.2	112.9	126.8	443.7	113.5	127.5	463.6
101.0	146.8	179.0	111.0	162.0	225.6	109.4	159.6	223.4	122.0	198.0	309.5
42.6	25.6	88.4	42.6	26.1	91.4	39.6	24.9	99.6	35.3	25.5	210.7
333.1	2,633.3	5,303.8	368.1	2,740.8	9,172.4	306.9	2,691.4	6,420.3	304.1	2,680.6	7,494.2
151.7	1,122.4	2,356.7	159.4	1,141.7	2,730.2	147.4	910.5	2,277.6	157.1	1,058.0	2,484.5
25.6	30.1	132.3	26.0	31.8	159.0	27.4	31.3	187.4	28.5	32.0	189.3
299.2	3,104.7	6,258.3	304.5	3,239.6	7,943.7	299.6	3,451.0	9,402.4	316.8	3,595.2	10,271.9
89.0	474.1	1,636.3	83.1	480.7	1,849.5	73.1	439.5	1,907.1	80.0	481.2	2,069.3

Table 5.1 – AGRICULTURAL PRODUCTION BY KIND OF CROP: 1982 TO 1991 (continued)
(Harvest Area – in thousand hectares; Quantity – in metric tons; Value in million pesos)

ITEM	1989			1990			1991 P		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
AGRICULTURAL CROPS	13,147.1	64,207.1	144,407.1	13,097.6	61,564.4	156,253.9	12,806.5	64,055.8	164,908.1
A. CEREALS	7,186.5	13,981.0	57,463.2	7,138.3	14,173.2	64,698.6	7,011.6	14,324.5	60,233.9
Palay	3,497.3	9,458.8	39,359.6	3,318.7	9,319.3	45,671.6	3,422.6	9,669.6	43,884.5
Corn	3,689.2	4,522.2	18,103.6	3,819.6	4,853.9	19,027.0	3,589.0	4,654.9	16,349.4
B. MAJOR CROPS	4,725.0	41,648.1	66,703.4	4,699.5	38,684.2	65,846.1	4,541.9	41,020.0	73,706.7
Coconut	3,110.4	11,810.4	22,439.8	3,112.0	11,940.0	18,865.2	2,942.7	11,290.9	18,968.7
Sugarcane	261.7	21,424.8 a/	12,854.9	235.3	18,666.9 a/	11,386.8	271.5	21,824.5	14,731.7
Banana	295.5	3,190.3	5,008.8	300.2	2,913.2	7,224.7	311.3	2,950.8	9,708.1
Pineapple	61.0	1,178.8	5,328.2	59.7	1,155.8	4,750.3	57.6	1,117.1	4,658.3
Coffee	143.2	155.9	3,325.3	143.2	134.1	2,661.9	143.0	133.4	3,082.9
Mango	56.4	370.1	3,797.2	56.7	337.6	5,307.1	56.9	318.3	4,793.6
Tobacco	63.3	79.9	2,044.6	64.6	81.7	2,192.0	65.5	85.2	2,785.2
Abaca	107.7	88.4	901.7	106.7	80.6	893.0	107.0	85.1	1,226.3
Rubber	86.1	171.9	825.1	86.3	185.4	1,049.5	88.0	180.7	1,207.1
Cacao	18.2	9.4	181.0	18.4	9.8	241.7	17.1	9.6	259.6
Cassava	213.1	1,846.9	2,696.5	213.8	1,854.0	3,485.5	192.1	1,733.7	3,768.1
Camote	138.3	660.3	1,439.5	136.7	668.9	1,799.3	136.6	662.3	2,132.6
Peanut	50.4	37.6	376.4	44.5	34.8	797.3	37.6	31.4	807.3
Mongo	35.7	25.1	376.8	36.7	26.7	465.7	34.3	25.1	411.9
Onion	6.5	65.3	592.3	6.4	61.5	527.7	6.4	60.3	610.6
Garlic	6.1	17.2	1,159.5	6.3	17.9	566.4	4.4	12.4	784.7
Tomato	19.7	178.7	750.5	20.0	184.1	924.2	19.5	177.9	1,021.1
Eggplant	15.4	111.6	698.6	16.4	112.7	711.1	14.5	103.4	672.1
Cabbage	6.9	75.9	496.4	6.4	68.3	528.6	6.8	75.8	567.0
Citrus b/	29.4	149.6	1,410.3	29.2	150.2	1,468.1	29.1	142.1	1,509.8
C. OTHER CROPS	1,235.6	8,578.0	20,240.5	1,259.8	8,707.0	25,709.2	1,253.0	8,711.3	30,967.5
Other fibercrops	37.0	64.6	696.4	33.4	58.4	1,153.4	31.5	55.1	726.8
Other rootcrops	108.0	121.3	346.0	109.6	132.3	492.6	107.6	128.7	527.2
Tubers	125.7	214.0	261.1	135.7	201.4	329.5	134.9	198.4	401.1
Spices	35.9	26.3	967.5	38.6	27.0	1,201.2	36.1	26.5	1,474.2
Fruit bearing Vegetables	313.2	2,887.6	6,346.9	328.0	2,910.2	6,790.6	314.5	2,820.2	9,002.7
Leafy/Stem Vegetables	166.7	1,097.2	2,067.1	171.2	1,080.2	2,503.3	172.8	1,130.0	3,110.9
Other Legumes	30.2	34.0	160.1	30.5	34.3	198.8	31.1	35.0	244.0
Other fruits	331.7	3,639.3	7,687.0	327.7	3,764.9	10,867.1	338.1	3,810.2	12,845.9
Others	87.2	493.7	1,708.4	85.1	498.3	2,172.7	86.4	507.2	2,634.7

a/ – Revised on the Sugar Regulatory Administration data.

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

Source: Bureau of Agricultural Statistics.

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

	1982		1983		1984		1985		1986	
Traditional Products	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 rosted	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

	1987		1988		1989		1990		1991	
Traditional Products	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 rosted	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: 1982 to 1991 (In million FOB US$)

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	30.52	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: 1950 TO 1991
(Quantity in thousand metric tons and Value in million pesos)

Year	Total		Commercial 1 Fishing		Municipal 2 Fishing		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

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 seeweeds 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: 1976 TO 1990
(Quanitity in metric tons; Value in thousand pesos)

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: 1976 TO 1990
(Quantity in metric tons;

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 OF CULTURE 1983 TO 1992

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992 *
QUANTITY										
(in thousand metric tons)										
Total Aquaculture	445	478	495	470	562	604	630	671	692	728
Brackishwater fishpond	184	199	199	207	235	240	254	268	291	309
Freshwater fishpond	12	13	16	16	30	33	34	36	38	43
Fish Pen	83	82	52	41	36	29	24	24	26	24
Fish Cage	5	7	7	9	18	18	20	21	24	28
Oyster	11	15	15	16	10	12	13	13	12	12
Mussel	18	20	23	12	12	16	16	18	17	18
Seaweed	132	142	183	169	221	256	269	291	284	294
VALUE										
(in million pesos)										
Total Aquaculture	4,799	7,265	8,726	10,832	11,422	15,215	15,712	20,466	22,646	26,234
Brackishwater fishpond	3,123	5,117	6,522	8,682	9,131	12,756	12,878	16,762	18,449	21,327
Freshwater fishpond	112	167	282	365	612	748	855	1,333	1,350	1,681
Fish Pen	1,107	1,357	1,203	1,035	732	574	654	685	815	814
Fish Cage	37	86	136	223	361	417	479	570	676	838
Oyster	49	95	78	86	53	75	89	126	109	121
Mussel	120	162	201	107	102	140	152	194	207	221
Seaweed	251	281	304	334	431	505	605	796	1,040	1,232

* Projection

Sources: Bureau of Fisheries and Aquatic Resources.
Bureau of Agricultural Statistics

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

Region	TOTAL		Phase I		Phase II		Phase III	
	Area	Beneficiaries	Area	Beneficiaries	Area	Beneficiaries	Area	Beneficiaries
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: Planning Service, Department of Agrarian Reform

Table 5.9 – LAND DISTRIBUTION BY LAND TYPE AND BY REGION: 1991
(Areas in hectares)

Region	TOTAL		Rice and Corn Lands		Government-Owned Lands *	
	Area	FB	Area	FB	Area	FB
Philippines	299,346	144,444	34,733	32,415	126,849	54,496
CAR	755	617	65	119	146	195
1	10,849	12,407	5,706	8,075	482	469
2	36,333	17,892	9,403	8,919	5,694	4,238
3	26,915	18,797	8,336	6,592	1,599	567
4	30,285	15,909	2,613	2,595	9,597	4,820
5	13,207	6,058	724	677	7,941	3,233
6	23,517	12,302	2,305	1,792	16,695	8,913
7	9,680	7,800	1,263	1,334	5,600	5,220
8	25,886	7,569	751	868	22,346	4,719
9	38,271	12,296	201	125	14,356	4,143
10	44,080	17,731	188	115	36,400	15,348
11	23,657	11,386	826	365	4,979	2,484
12	16,666	4,297	2,417	958	1,160	342

Region	Resettlements and Landed Estates		Private Agricultural Lands **	
	Area	FB	Area	FB
Philippines	85,877	30,105	52,431	27,731
CAR	–	–	544	303
1	596	575	4,065	3,288
2	16,249	2,137	4,987	2,598
3	16,894	11,594	86	44
4	8,206	3,052	9,869	5,442
5	3,237	1,462	1,305	686
6	3,368	944	1,149	653
7	687	287	2,130	959
8	1,790	1,461	999	521
9	16,660	4,395	7,054	3,633
10	6,308	1,480	1,184	788
11	1,754	599	16,098	7,938
12	10,128	2,119	2,961	878

* Includes PCGG sequestered and surrendered lands.

** Includes idle and abandoned lands.

FB – Farmer Beneficiaries

Source: Department of Agrarian Reform.

Table 5.10 – AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTIONS: 1960 TO 1991
(In million pesos)

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 *	...
1991	37,691.0	1,882.9	1,167.7	...

* reduced number of banks due to closure.

Data of Rural Banks is as of September 1991 only.
1977 onwards includes Agriculture, Fishery and Forestry.

Source: Central Bank of the Philippines.

Table 5.11 – OUTSTANDING AGRICULTURAL LOANS BY FINANCIAL INSTITUTIONS: 1960 to 1991
(In million pesos)

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	3,283.8	6,826.1	...

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 1991

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 *	111,000.00	24.42
1988	NO EXPORTATION		
1989	NO EXPORTATION		
1990	NO EXPORTATION		
1991	Indonesia *	10,000.00	2.34

* 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 1990

Year	Country of origin	VOLUME (metric tons)	VALUE (Million U.S.$)
1980)			
1981)	NO IMPORTATION		
1982)			
1983)			
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 *	2,318.00	
	Australia *	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 *	9,969.54	NCV
	Spanish Government *	835.00	NCV
	Australian Donation *	20,112.53	NCV
1989		219,928.70	
	Vietnam	54,300.36)	
	Thailand	51,050.00)	57.86
	Indonesia	104,578.34)	
	Taiwan *	10,000.00	
1990		593,095.12	122.66
	Vietnam	334,817.00	68.39
	Thailand	94,635.85	17.98
	Indonesia	163,642.27	36.29
	The Netherlands	27,699.45 *	NCV

* Donation
NCV – No Current Value

Source: National Food Authority

Table 5.14 – TOTAL INVENTORY OF LIVESTOCK AND POULTRY ON FARM, BY KIND: 1950 to 1991
(In thousand heads)

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	1,677	2,122	8,079	65,480	8,268

Note: 1974 and 1975 data are not available.

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

Table 5.15 – NUMBER OF ANIMALS SLAUGHTERED BY KIND: 1955 to 1991
(In thousand heads)

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

Source: National Meat Inspection Commission.

Table 5.16 – RAINFALL IN THE PHILIPPINES BY MONTH AND BY
(In milli

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						LAOAG						
1965	T	0.0	0.0	4.6	267.6	585.3	395.4	208.1	393.6	7.5	45.2	2.0
1970	0.5	T	0.0	7.1	81.4	481.0	216.7	474.8	438.7	77.3	27.9	27.3
1975	23.1	0.0	T	12.2	55.7	375.4	63.0	812.9	65.6	132.6	T	5.7
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	11526.0	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
						DAGUPAN						
1965	0.0	0.0	66.1	137.8	352.0	296.3	484.7	339.0	296.2	66.5	16.6	0.0
1970	10.2	4.0	9.7	91.9	174.1	534.3	292.5	611.4	292.9	223.3	31.4	16.9
1975	4.7	T	33.0	54.6	262.0	113.5	216.1	443.5	279.6	198.3	20.8	10.7
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

SELECTED KEY STATION: JANUARY 1965 TO DECEMBER 1991
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
					MANILA (Port Area)							
1965	10.7	9.3	2.3	67.5	221.1	206.4	403.5	398.1	285.6	131.4	92.8	36.4
1970	5.9	0.3	2.6	11.8	44.5	163.7	425.4	358.6	885.1	258.5	97.0	7.0
1975	16.5	3.3	0.5	28.4	58.0	196.3	100.1	505.9	260.7	310.7	100.6	113.6
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
					LEGASPI							
1965	307.2	98.1	242.7	158.4	189.6	281.5	484.4	308.4	255.5	318.1	428.2	547.6
1970	269.6	303.2	292.2	172.2	134.5	203.5	358.3	424.6	219.4	540.2	758.1	559.2
1975	256.7	210.7	122.7	435.1	151.4	159.2	196.5	228.5	318.6	139.3	372.9	154.8
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	248.9
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 – RAINFALL IN THE PHILIPPINES BY MONTH AND BY

(In milli

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ILOILO						
1965	57.8	12.7	81.8	33.3	70.6	249.3	360.7	267.5	219.0	166.4	251.8	121.2
1970	25.9	7.2	35.1	5.3	151.0	414.4	195.8	256.1	234.9	225.0	101.8	60.7
1975	130.5	85.8	11.1	144.9	147.1	378.5	99.5	253.5	294.2	328.2	55.0	120.7
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
						CEBU CITY						
1965	82.8	99.7	134.7	77.9	32.8	287.6	86.5	182.1	67.0	221.1	109.7	146.5
1970	51.8	22.8	17.6	17.0	43.8	239.6	238.7	182.0	98.1	197.5	231.1	152.0
1975	173.4	107.8	20.1	56.9	50.3	280.6	187.6	179.7	315.0	247.1	43.4	225.8
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

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.

SELECTED KEY STATION: JANUARY 1965 TO DECEMBER 1991 (Continued)
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ZAMBOANGA CITY						
1965	12.5	49.0	34.4	41.9	58.4	159.2	113.3	51.8	62.8	99.0	33.5	53.5
1970	61.8	6.8	46.9	79.9	139.9	185.5	98.7	104.5	164.3	244.6	40.4	131.0
1975	8.3	82.2	103.7	69.5	102.0	142.4	265.5	192.7	127.8	196.7	81.3	210.5
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
						DAVAO CITY						
1965	170.0	180.9	176.6	262.6	178.2	194.2	85.6	186.1	278.7	224.6	128.3	135.0
1970	101.3	200.3	119.9	49.4	141.6	122.2	249.9	239.3	168.7	176.4	138.6	84.1
1975	95.1	71.9	146.0	87.4	175.3	250.9	139.9	231.2	205.5	132.4	123.7	227.1
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

Fig. 5.2 Quantity of Selected Traditional Agricultural Exports, 1982 – 1991

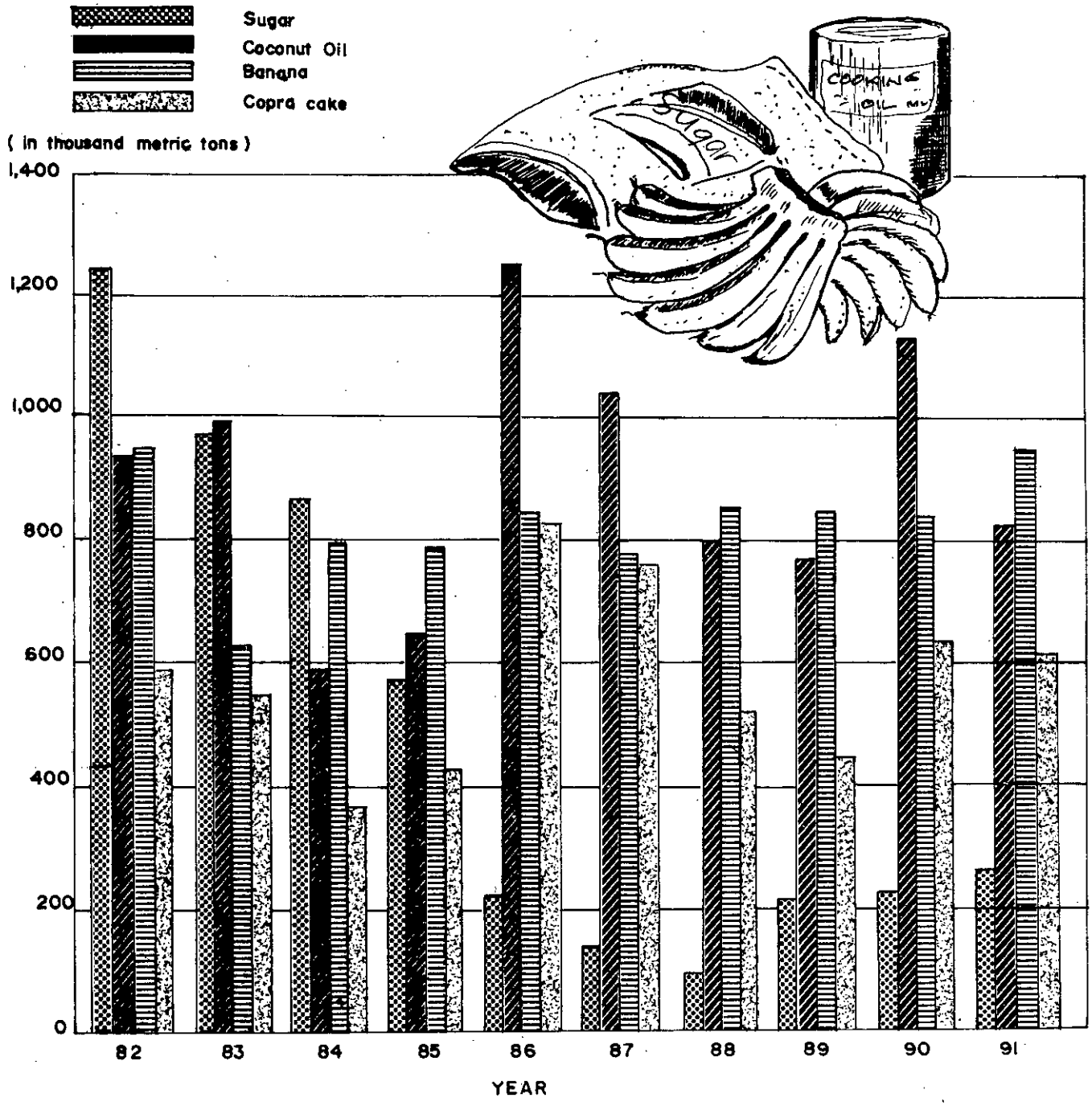

Table 5.17 – AVERAGE MINIMUM AND MAXIMUM TEMPERATURE, BY MONTH AND BY PRINCIPAL ISLAND: 1991
(In degree centigrade)

Month	Philippines		Luzon		Visayas		Mindanao	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
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: 1991
(Rainfall in millimeters)

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/RE-REGISTERED COOPERATIVES BY REGION AND BY TYPE: AS OF MAY 1992

Region	Total	Multi Purpose	Cooperative Rural Bank	Area Marketing Cooperative	Credit
Philippines	12,282	11,321	2	0	345
NCR	646	484	0	0	94
CAR	602	586	0	0	11
1	1,202	1,176	0	0	9
2	787	741	0	0	27
3	1.521	1,392	0	0	44
4	1,583	1,468	1	0	48
5	887	844	0	0	9
6	1,088	1,029	0	0	16
7	356	325	0	0	15
8	479	453	0	0	7
9	162	148	0	0	4
10	651	588	0	0	19
11	1,311	1,182	1	0	23
12	1,007	905	0	0	19

Region	Consumer	Marketing	Producer	Services	Federation	Union
Philippines	112	142	143	109	104	4
NCR	26	3	5	25	9	0
CAR	3	0	0	0	2	0
1	3	3	1	3	7	0
2	0	0	4	1	13	1
3	6	10	19	14	36	0
4	11	13	11	19	12	0
5	2	2	8	12	8	2
6	12	10	12	6	3	0
7	4	1	8	1	2	0
8	2	2	12	2	1	0
9	3	0	4	2	1	0
10	4	17	12	9	2	0
11	32	21	34	14	4	0
12	4	60	13	1	4	1

Source: Cooperative Development Authority.

Table 5.21 – PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS: 1982 to 1991

(In thousand metric tons)

Year	Plant nutrients				Fertilizer products					
	Total	Nitroge	Phosphorou	Potassium	Total	Urea	Ammosul	NP & P	NPK	Potash
Production										
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
Importation										
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
Consumption										
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

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 accelarated 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 IN THE PHILIPPINES:

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 *	4,822	734,735	732,134	32,591,935

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.

* – Preliminary

MANUFACTURING ESTABLISHMENTS
1956 to 1989

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
389,849,127	266,380,054	14,106,232	415,780,064	141,857,405

Table 6.2 – GENERAL STATISTICS FOR BY MAJOR INDUSTRY (Value and cost figures

Code	Major Industry Group	No. of Establishments	Employment (Ave. for the Year) Total	Employment (Ave. for the Year) No. of Paid Employees	Total Compensation	Total Receipts
	All Manufacturing Establishments	11,488	856,951	845,069	31,810,603	381,653,296
311 &						
312	*Food*	3,070	161,127	156,625	5,898,087	83,746,160
313	*Beverages*	103	30,249	30,220	1,744,492	25,156,401
314	*Tobacco*	32	14,357	14,346	513,003	16,035,727
321	*Textile*	547	89,499	89,131	2,537,838	19,166,636
322	*Wearing apparel except footwear*	1,556	142,160	140,260	4,040,902	15,104,941
323	*Leather and leather products, leather substitutes & furs, except footwear and wearing apparel*	120	5,167	5,043	115,047	508,930
324	*Footwear, except rubber, plastic or wood furniture*	441	9,589	8,759	135,490	634,355
331	*Wood, wood and cork products, except furniture*	682	56,433	55,791	1,561,599	10,801,869
332	*Furniture and fixtures, except primarily of metal (including repairs)*	678	41,276	40,528	841,174	3,792,838
341	*Paper and paper products*	176	15,433	15,387	679,804	10,149,402
342	*Printing, publishing and allied industries*	636	20,311	19,781	697,953	4,167,471
351	*Industrial chemicals*	115	10,879	10,870	696,678	13,863,990
352	*Other chemical products*	301	29,700	29,638	2,625,810	29,839,833
353	*Petroleum refineries*	4	2,431	2,431	459,780	45,034,614
354	*Miscelleneous products of petroleum and coal*	16	552	552	23,704	491,276
355	*Rubber products*	174	26,181	26,126	1,127,506	8,388,988

MANUFACTURING ESTABLISHMENTS,
GROUP: 1988
in thousand pesos)

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
358,567,932	300,096,977	133,823,686	98,740,873	15,778,266	124,627,887
79,821,503	66,502,280	25,476,368	31,507,159	5,011,333	1,818,428
25,145,655	15,571,847	15,609,412	5,320,366	780,071	629,467
15,916,677	11,726,471	8,514,591	701,951	41,396	35,905
17,929,007	15,414,947	6,067,987	8,936,617	1,998,289	1,286,446
10,711,362	9,064,451	7,768,450	1,572,001	319,617	255,664
478,202	392,033	208,394	138,122	27,798	22,784
623,910	4,242,667	254,298	142,903	12,579	6,641
10,344,766	8,528,346	3,762,990	2,005,140	339,616	195,543
3,647,682	2,544,854	1,664,114	706,403	99,062	84,741
9,996,789	7,295,417	3,604,860	2,419,964	179,602	125,739
3,239,834	2,974,684	1,681,775	893,238	133,606	120,328
12,940,647	11,462,036	5,427,256	14,292,396	381,592	238,843
26,445,563	22,082,903	12,344,159	3,735,584	744,894	647,603
44,177,116	42,268,502	8,075,119	3,840,751	515,366	513,881
480,746	416,051	138,706	48,761	5,719	5,622
8,162,727	5,985,517	3,128,575	1,838,386	477,334	429,833

Table 6.2 – GENERAL STATISTICS FOR BY MAJOR INDUSTRY (Value and cost figures

Code	Major Industry Group	No. of Establishments	Employment (Ave. for the Year) Total	Employment (Ave. for the Year) No. of Paid Employees	Total Compensation	Total Receipts
356	*Plastic products, n.e.c.*	300	17,616	17,549	553,838	6,506,132
361	*Pottery, china and earthenware*	59	5,066	5,002	192,453	762,829
362	*Glass and glass products*	35	5,776	5,762	438,619	3,008,738
363	*Cement*	17	5,893	5,893	311,289	5,552,778
369	*Other non-metallic mineral products*	353	11,219	10,876	305,864	1,918,853
371	*Iron and steel basic industries*	127	15,507	15,497	742,635	18,976,315
372	*Non-ferrous metal basic industries*	35	2,618	2,604	144,432	11,736,344
381	*Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal*	483	21,733	21,435	642,738	5,803,073
382	*Machinery except electrical*	552	18,576	18,164	568,200	3,311,175
383	*Electrical machinery, apparatus, appliances and supplies*	214	54,374	54,331	2,860,202	25,223,751
384	*Transport equipment*	230	14,053	13,910	584,415	8,884,788
385	*Professional and scientific and measuring and controlling equipment, n.e.c. and photographic and optical instrument*	11	3,634	3,632	123,416	377,517
386	*Furniture and fixtures primarily of metal (including repairs)*	36	1,091	1,059	24,462	106,751
390	*Other industries*	385	24,451	23,867	619,141	2,600,818

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

Source: National Statistics Office.

* Total Costs should include indirect taxes and interest expense.

MANUFACTURING ESTABLISHMENTS,
GROUP: 1988 (continued)
in thousand pesos)

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
6,325,443	5,182,367	2,251,327	1,121,135	188,571	155,582
752,215	449,467	462,887	346,556	71,806	55,669
2,937,478	1,529,804	1,782,109	894,180	183,731	143,926
5,552,143	4,235,355	1,921,092	3,888,616	116,071	100,291
1,715,785	1,327,723	969,694	731,327	113,846	78,604
18,873,804	17,190,923	5,115,119	9,098,252	3,196,882	3,156,141
10,348,613	10,504,175	3,029,505	10,261,123	208,616	203,272
5,301,344	4,828,926	1,914,541	1,178,813	179,503	146,578
2,727,573	2,441,548	1,024,261	741,233	179,637	138,495
24,298,396	20,096,114	7,560,587	5,116,773	1,878,636	1,592,738
7,224,642	7,674,056	2,510,282	2,180,429	297,343	208,044
174,495	200,390	227,209	126,621	14,117	9,492
90,373	74,377	48,725	95,864	5,541	2,603
2,183,440	1,688,747	1,279,293	353,456	76,623	53,885

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1989

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets
	Food (311 + 312)				Beverages and Tobacco (313 + 314)			
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	955	133,796	85,375,003	...	119	42,341	46,691,946	...
	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	346	85,480	20,089,315	...	537	121,568	9,872,567	...
	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	60	6,998	602,178	...	383	41,489	7,861,314	...

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1989 (continued)

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets
	Furniture & Fixtures (332)				Paper and Printing (341 + 342)			
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	271	30,459	2,941,540	...	306	26,787	13,100,192	...
	Chemicals (351 + 352)				Petroleum and Coal (353 + 354)			
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	297	36,505	43,869,180	...	16	2,876	43,544,363	...
	Rubber Products (355)				Other Non-metallic Minerals (369)			
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	117	24,872	6,667,226	...	159	10,126	2,216,029	...

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1989 (continued)

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	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	130	18,305	34,002,663	...	227	17,999	5,230,574	...
	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	199	12,395	2,894,035	...	159	55,424	29,768,376	...
	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	134	15,749	15,488,462	...	181	16,157	2,333,164	...

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.

Fig. 6.1 Gross Value of Output of All Manufacturing Establishment, 1980 – 1989

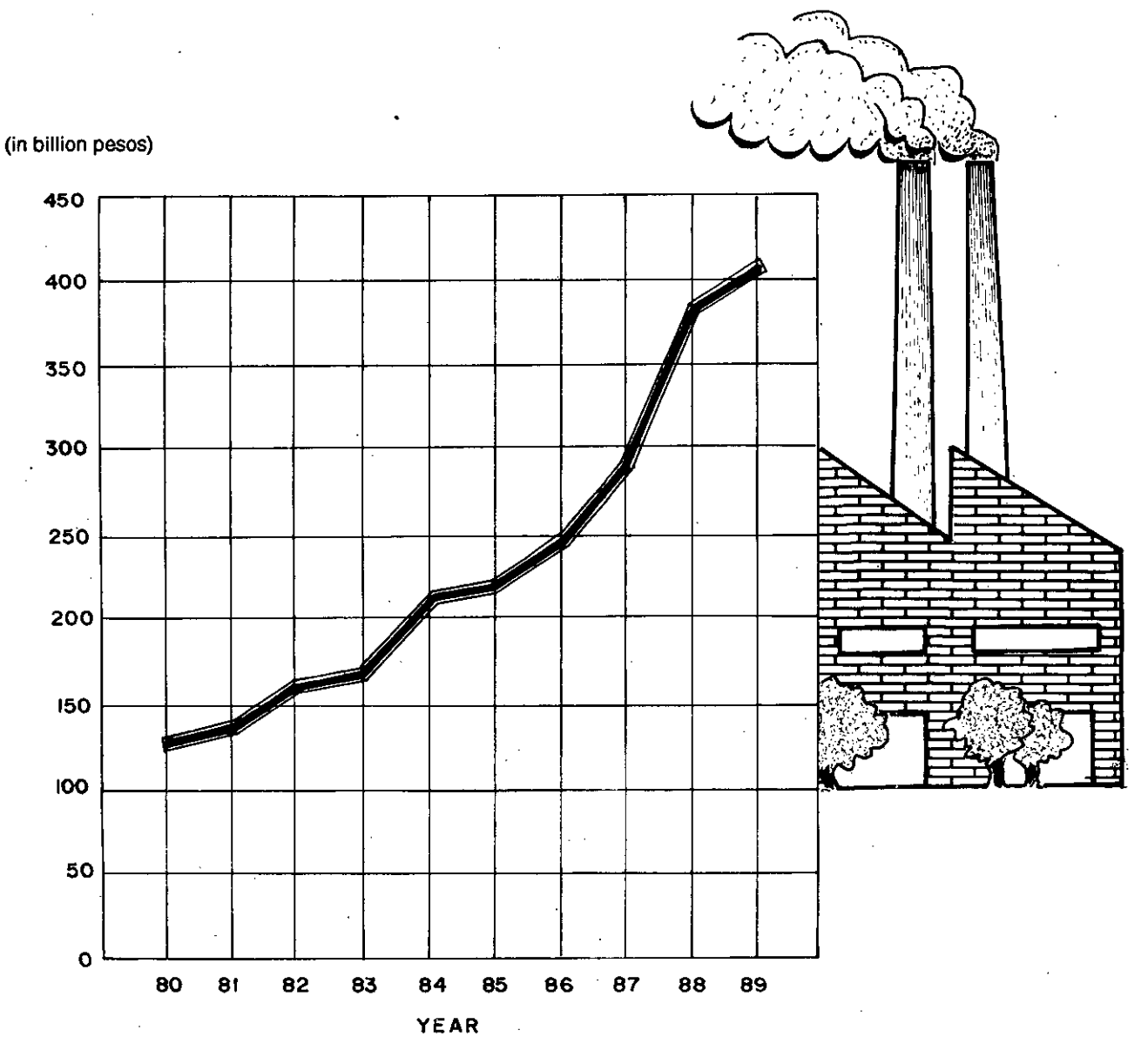

Table 6.4 – SUMMARY OF GROSS VALUE ESTABLISHMENTS

(In million

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.

OF OUTPUT OF MANUFACTURING
BY INDUSTRY: 1970 to 1989
pesos)

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	415,780
27,870	31,301	34,785	36,394	53,073	46,169	59,861	69,764	83,367	89,696
3,363	7,208	7,245	7,571	14,315	14,083	15,877	19,604	25,189	30,455
3,987	5,829	6,655	7,289	10,616	13,169	13,995	15,523	16,194	16,981
9,051	9,726	9,602	8,492	10,472	10,309	11,584	15,330	19,556	21,088
3,685	5,645	5,012	4,236	5,067	5,018	6,899	9,857	15,854	14,833
4,999	5,188	4,576	5,467	5,623	5,435	6,241	7,786	10,936	8,734
1,246	1,117	1,378	848	1,158	1,180	1,469	2,078	3,867	3,071
3,670	3,513	3,693	3,998	6,004	5,427	7,851	7,255	10,247	10,583
1,926	1,855	1,933	1,719	2,086	2,425	2,917	3,569	4,166	3,818
190	168	182	207	214	181	195	266	531	622
2,051	2,623	2,841	2,187	2,883	2,823	3,337	4,314	8,428	7,039
14,379	14,618	14,690	16,117	20,785	22,561	27,066	32,446	44,993	48,306
19,937	23,073	33,424	31,683	39,745	48,472	38,348	44,587	44,994	43,002
1,213	1,106	1,072	1,178	1,524	947	1,049	8,121	1,990	2,452
4,891	4,741	4,481	10,480	16,901	15,006	19,272	22,604	31,699	35,608
3,140	3,381	3,658	2,929	4,541	3,769	3,595	4,363	5,965	6,040
1,639	1,644	2,152	1,066	1,443	1,691	1,553	2,483	3,318	3,272
5,043	4,725	7,000	8,566	11,394	10,809	14,102	18,952	25,628	31,876
5,787	4,714	6,083	6,123	3,014	2,546	2,606	4,361	8,895	17,909
882	708	1,079	619	907	1,071	1,219	1,404	2,630	2,578

Table 6.5 – INDEX OF VALUE OF PRODUCTION OF KEY

(1985

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	246.8	213.9	251.3	122.9	181.5	199.3	118.9	241.8

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

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

MANUFACTURING ENTERPRISES BY INDUSTRY: 1990 TO 1992
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
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
172.2	190.5	180.3	172.5	273.3	283.7	1072.2	281.2	61.3

Table 6.6 – INDEX OF EMPLOYMENT OF KEY
(1985

Year/ Month	Total Manufac- turing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1990								
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
1991								
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
1992								
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	100.1	114.7	97.4	78.4	93.0	102.3	43.6	122.1

Note: Data are as of the May 1992 publication of Industry Trends.
Source: Survey of Key Manufacturing Enterprises, National Statistics Office.

MANUFACTURING ENTERPRISES BY INDUSTRY: 1990 TO 1992
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
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	114.9	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
95.2	104.3	72.0	95.8	112.4	118.5	264.1	81.2	18.6

Table 6.7 – INDEX OF COMPENSATION OF KEY
(1985

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	301.2	300.3	332.4	196.9	224.3	256.1	116.4	185.2

Note: Data are as of the May 1992 publication of Industry Trends.
Source: Survey of Key Manufacturing Enterprises, National Statistics Office.

MANUFACTURING ENTERPRISES BY INDUSTRY: 1990 TO 1992
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
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
277.2	306.8	190.7	369.6	295.7	447.1	835.3	290.4	50.6

Fig. 6.2 Index of Value of Production of Key Manufacturing Enterprises, 1991 – 1992

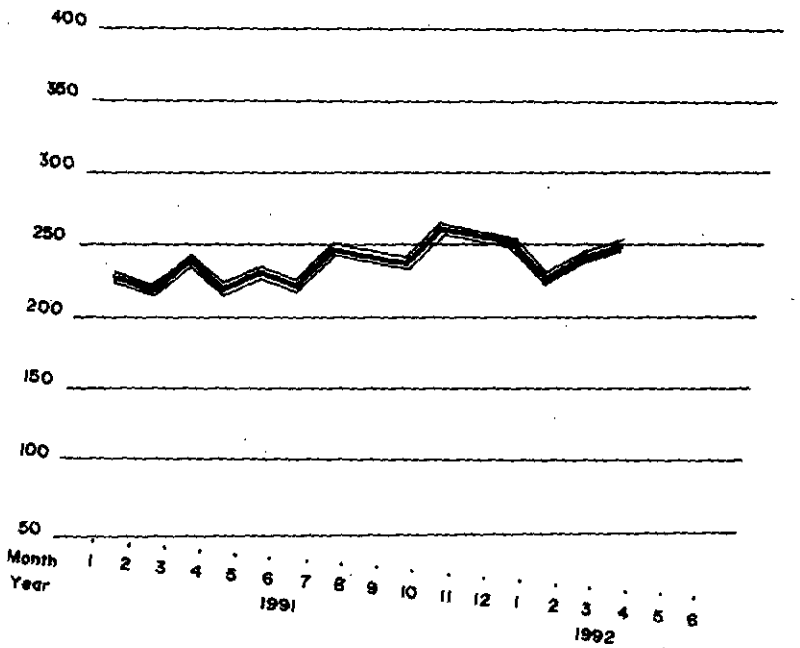

Fig. 6.3 Index of Employment of Key Manufacturing Enterprises, 1991 – 1992

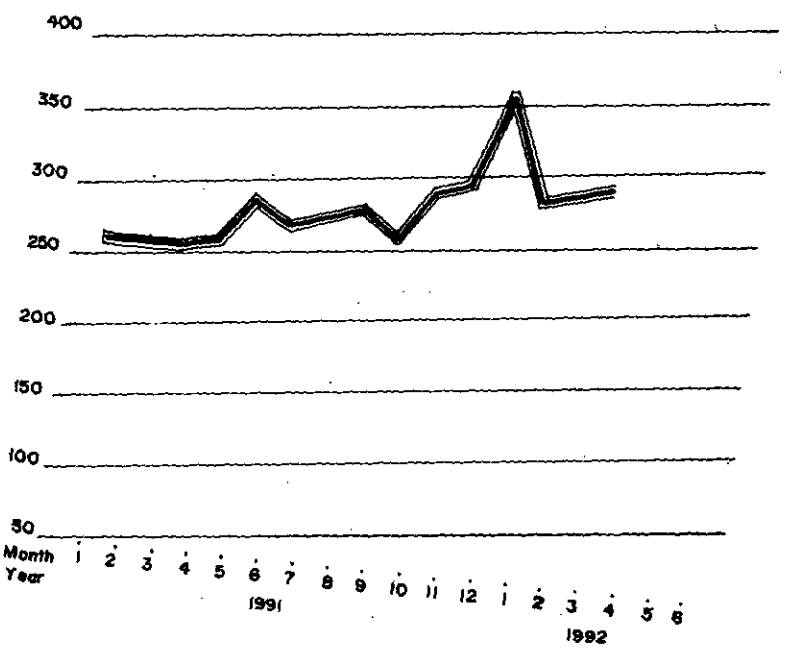

Fig. 6.4 Index of Value of Compensation of Key Manufacturing Enterprises, 1991 – 1992

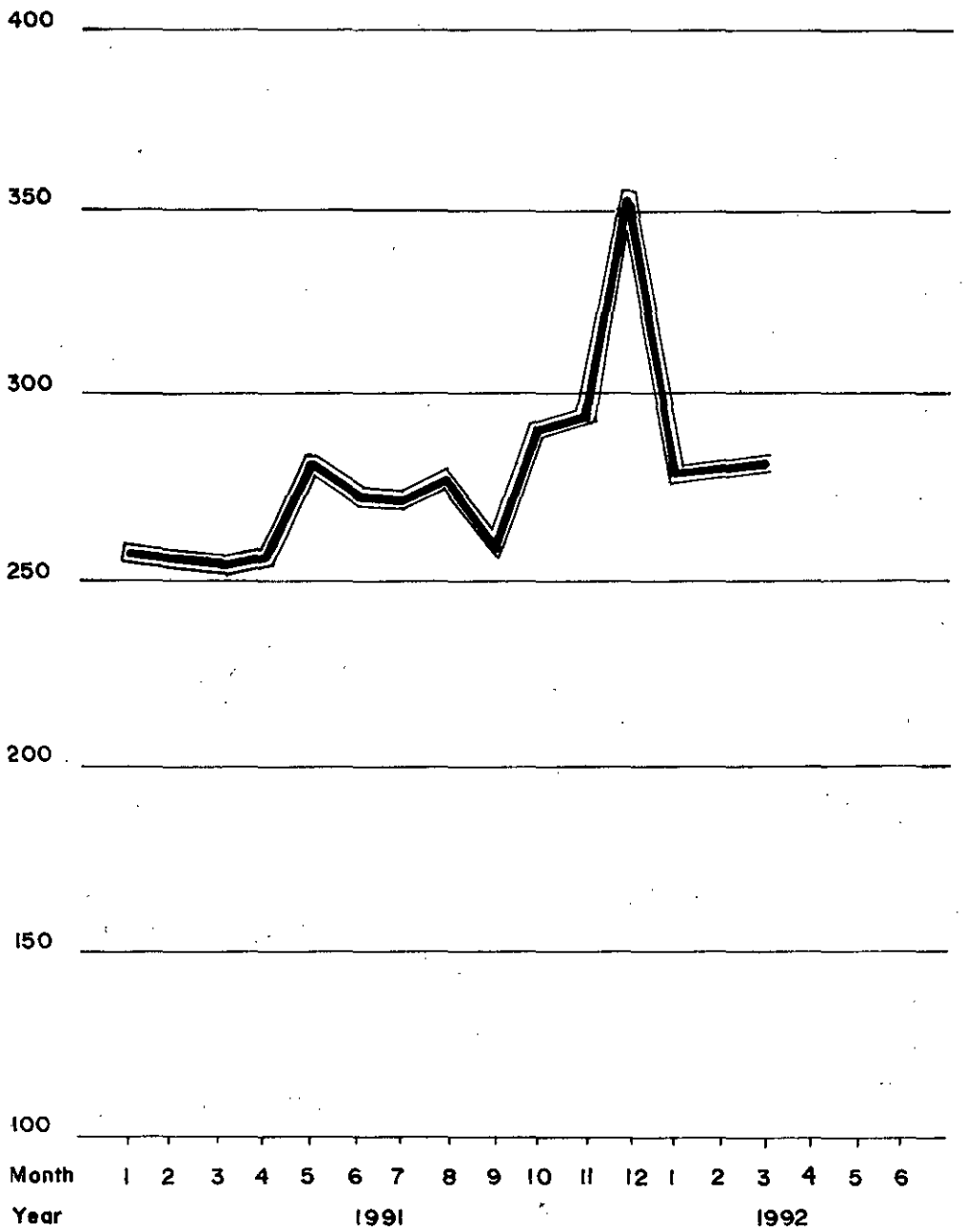

Table 6.8 – MINING PRODUCTION:
(Quantity in thousands;

Mineral/Mineral Products	Unit Used	1982 Quantity	1982 Value	1983 Quantity	1983 Value
TOTAL			8,914,906		11,229,124
METALLICS			7,141,636		8,860,264
Precious Metals			2,773,140		4,124,325
Gold 1/	KG	26.0	2,651,340	26.1	3,907,180
Silver 1/	KG	61.7	121,800	56.7	217,145
Base Metals			4,368,496		4,735,939
Chromite:					
Chemical Grade	DMT	-	-	-	-
Metallurgical Concentrate	DMT	112.6	63,060	111.8	74,438
Metallurgical Ore	DMT	29.6	16,406	24.5	17,494
Refractory Ore	DMT	179.0	149,077	130.6	162,055
Cobalt Metal	MT	0.5	101,013	0.2	22,934
Copper:					
Concentrate	DMT	1,060.7	3,446,323	1,009.3	4,046,609
Metal 2/	MT	292.1		271.4	
Iron Ore	DMT	5.6	908	2.6	518
Manganese	DMT	1.6	560	2.2	628
Nickel					
Beneficiated Ore	DMT	368.8	576,930	350.2	399,976
Metal 2/	MT	19.6	a/	13.9	
Zinc:					
Concentrate	DMT	6.0	9,845	4.5	8,677
Metal 2/	MT	3.0		2.3	
Other Metals			4,374		2,609
NON-METALLICS			1,773,270		2,368,859
Bentonite	MT	...	...	...	...
Cement Raw Materials					
Limestone	MT	...	...	5,105.9	145,810
Shale Clay	MT	...	...	397.9	10,520
Silica Sand	MT	...	...	ss	ss
Gypsum	MT	...	...	0.5	120
Coal	MT	556.8	189,300	1,019.6	392,544
Salt	MT	364.4	218,650	381.9	318,133
Silica Sand	MT	564.6	36,130	482.8	69,510
Sand and Gravel	Cu. M	14,797.0	858,240	15,093.3	1,022,343
Others			470,950		409,880
Cement 3/	Bags	108,743.0	2,386,840	109,575.4	2,642,590

1982 TO 1991
Value in thousand pesos)

1984		1985		1986	
Quantity	Value	Quantity	Value	Quantity	Value
	13,885,920		17,855,699		18,272,870
	10,806,321		14,392,083		14,727,040
	4,971,710		6,274,123		8,569,330
25.7	4,772,591	33.1	6,087,879	35.4	8,394,770
49.0	199,119	52.4	186,244	51.5	174,560
	5,834,611		8,117,960		6,157,710
5.4	5,988	15.0	18,011	15.9	21,140
105.4	110,116	79.1	131,736	70.6	118,990
17.7	21,152	43.3	55,700	43.7	48,080
132.5	217,994	134.6	221,471	72.0	141,210
0.1	26,232	0.9	334,249	0.1	33,450
859.9	4,970,065	841.3	5,629,951	824.9	5,460,590
233.4		222.2		217.0	
-	-	-	-	15.0	1,360
0.6	193	0.4	103	0.8	450
441.5	175,726	483.8	239,128	504.9	321,860
13.6	290,664	28.2	1,473,477	12.7	
4.2	16,481	3.8	14,134	3.2	10,580
2.2		1.9		1.6	
	-		-		-
	3,079,600		3,463,616		3,545,830
...	...	...	...	...	...
3,333.4	153,430	2,864.9	142,240	3,598.0	95,090
372.1	10,540	363.8	15,540	371.5	11,290
ss	ss	ss	ss	67.8	5,400
0.6	150	0.3	70	13.1	6,790
1,216.4	1,133,674	1,258.9	1,509,457	1,235.5	1,149,010
401.0	340,857	421.1	365,200	442.1	391,130
432.3	46,660	439.0	27,700	246.0	24,090
14,583.9	1,142,169	11,134.6	1,070,919	12,480.8	1,221,340
	252,120		332,490		641,690
91,269.8	3,789,890	76,991.9	3,273,160	68,713.6	2,037,100

Table 6.8 – MINING PRODUCTION: (Quantity in thousands;

Mineral/Mineral Products	Unit Used	1987 Quantity	1987 Value	1988 Quantity	1988 Value
TOTAL			19,506,337		22,379,976
METALLICS			16,153,088		17,636,555
Precious Metals			9,584,199		9,069,460
Gold 1/	KG	32.8	9,352,272	30.5	8,843,912
Silver 1/	KG	53.5	231,927	54.6	225,548
Base Metals			6,568,889		8,567,095
Chromite:					
Chemical Grade	DMT	19.8	26,594	15.2	22,239
Metallurgical Concentrate	DMT	48.5	99,956	36.5	88,180
Metallurgical Ore	DMT	21.4	23,863	31.4	35,004
Refractory Ore	DMT	99.0	124,706	87.9	159,316
Cobalt Metal	MT	-	-	-	-
Copper:					
Concentrate	DMT	817.6	6,141,259	824.2	7,952,916
Metal 2/	MT	214.1		216.5	
Iron Ore	DMT	-	-	-	-
Manganese	DMT	0.4	178	2.3	846
Nickel					
Beneficiated Ore	DMT	367.9	145,230	444.6	293,858
Metal 2/	MT	8.5		10.4	
Zinc:					
Concentrate	DMT	2.3	7,104	3.0	14,737
Metal 2/	MT	1.1		1.4	
Other Metals			-		-
NON-METALLICS			3,353,249		4,743,420
Bentonite	MT	...	...	...	...
Cement Raw Materials					
Limestone	MT	3,926.3	93,584	3,600.0	287,664
Shale Clay	MT	522.6	9,221	860.0	38,700
Silica Sand	MT	101.3	13,388	125.0	8,843
Gypsum	MT	16.3	9,587	2.3	878
Coal	MT	1,169.2	931,030	1,335.7	1,028,479
Salt	MT	466.4	412,647	492.1	1,043,395
Silica Sand	MT	213.4	37,844	312.0	36,341
Sand and Gravel	Cu. M	13,782.7	1,391,984	14,842.3	1,706,861
Others			453,963		592,260
Cement 3/	Bags	83,001.5	2,900,560	107,481.4	3,729,310

a/ Nonoc Mining and Industrial Corporation only.
b/ 1991 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

1982 TO 1991 (continued)
Value in thousand pesos)

1989		1990		1991 b/	
Quantity	Value	Quantity	Value	Quantity	Value
	23,167,574		23,615,530		23,165,556
	17,289,462		17,625,384		16,657,532
	8,120,335		8,586,991		8,055,931
30.0	7,925,185	29.2	8,415,683	24.9	7,923,576
50.6	195,150	47.5	171,308	38.4	132,355
	9,169,127		9,038,393		8,601,601
18.4	29,709	20.2	32,637	19.8	36,457
31.1	64,587	51.2	100,829	14.3	57,969
105.2	109,187	61.8	80,058	68.9	114,369
93.0	184,639	101.4	234,115	69.8	184,183
-	-	-	-	-	-
743.6	7,948,106	703.1	7,880,169	581.2	7,542,501
191.9		182.0		150.6	(7,542,501)
6.5	281	3.9	155	5.0	327
3.0	601	14.6	23,630	3.1	6,178
658.4	812,043	608.1	686,063	563.2	659,616
15.4		15.8		13.8	(659,616)
2.5	19,974	0.1	738	-	-
1.2		0.1		-	-
	-		-	-	-
	5,878,113		5,990,146		6,508,024
6.0	8,937	16.5	11,918	39.5	38,317
3,831.3	148,175	3,837.0	149,645	2,995.4	194,703
792.5	28,774	862.4	33,425	765.5	39,999
397.1	22,239	334.4	18,724	307.5	30,755
2.0	1,600	2.0	1,600	30.0	33
1,344.7	1,042,124	1,186.5	1,008,551	1,267.1	1,377,720
488.7	1,800,842	490.4	1,801,343	492.9	2,178,437
184.9	17,011	292.5	36,450	562.4	64,139
15,140.1	2,074,197	15,672.7	2,194,174	15,676.0	2,257,429
	734,214		734,315		324,280
151,243.1	9,830,799	157,687.9	10,856,024	169,536.6	14,495,383

Table 6.9 – NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;

Year	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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1971 TO 1991
area in thousand square meters)

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
AND BY REGION:
(Value in thousand pesos;

Year	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1990	44,770	8,128	24,778,691	30,787	3,728	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	6,936	23,858,917	32,339	3,675	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

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.

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1971 TO 1991 (Continued)
area in thousand square meters)

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	2,845	10,797,876	8,181	416	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 6.10 – NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY REGISTERED BUSINESS ORGANIZATIONS: 1971 TO 1991

(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

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

Fig. 6.5 Initial Paid-Up Capital Investments of Newly Registered Business Organizations, 1982 – 1991

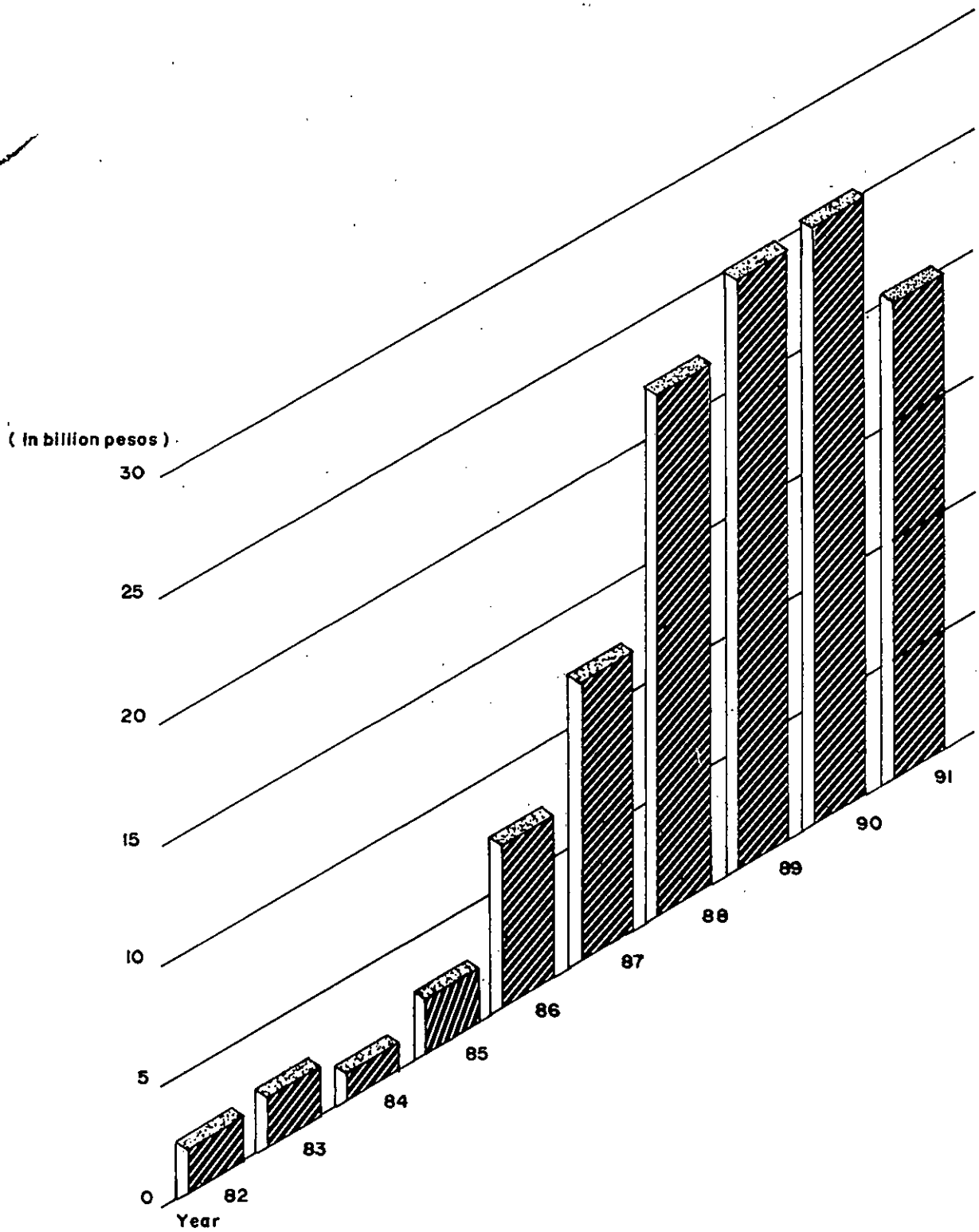

Table 6.11 – INITIAL PAID–UP CAPITAL INVESTMENTS OF AND PARTNERSHIPS BY NATIONALITY

(In thousand

Year/ Nationality	All Industries	Agriculture, Fishery and Forestry	Mining and Quarrying	Manufacturing
1984	1,148,589	119,425	74,785	218,635
Filipino	1,108,843	117,809	74,282	205,050
Chinese	8,983	205	125	5,400
American	4,567	204	250	1,241
Others	26,196	1,207	128	6,944
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

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

Source: Securities and Exchange Commission.

NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS AND BY KIND OF BUSINESS: 1984 to 1991
pesos)

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
82,652	6	242,062	275,100	81,693	54,231
80,137	6	226,722	272,032	79,843	52,962
10	–	1,890	980	360	13
120	–	1,058	679	755	260
2,385	–	12,392	1,409	735	996
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

Table 6.12 – CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS AND PARTNERSHIPS, PHILIPPINES: 1971 TO 1991

(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

Source: Securities and Exchange Commission.

Fig. 6.6 Initial Paid-Up Capital Investments of Newly Registered Domestic Stock Corporations and Partnership by Nationality, 1991

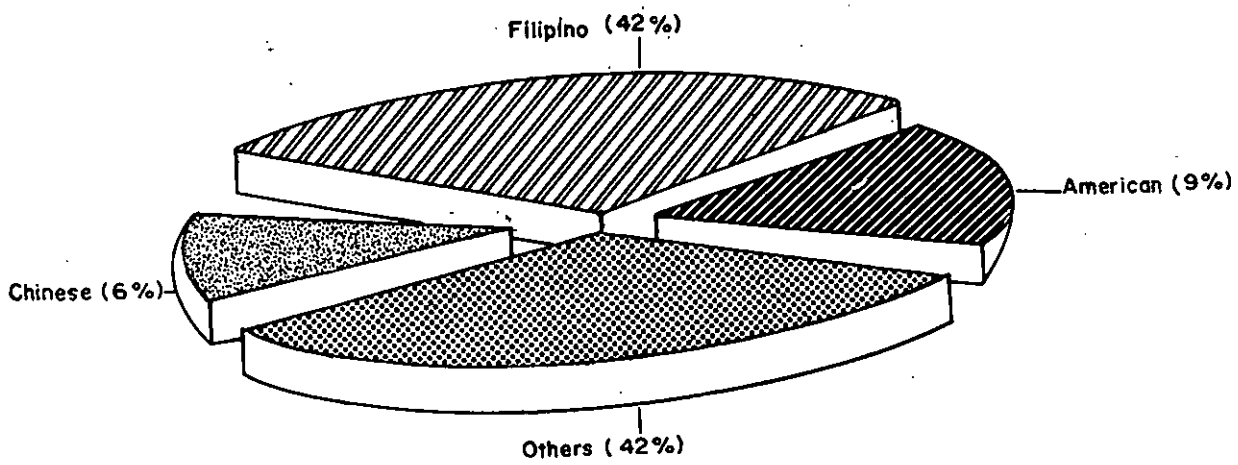

Table 6.13 – EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226: 1990 to 1991
(In thousand pesos)

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 Servic	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

(In thousand

Year	Total	Local	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

Source: Board of Investments.

UNDER E.O. 226 BY COUNTRY : 1971 TO 1990
pesos)

Foreign						
North America	Central America	South America	Europe	Africa	Middle East	Others
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	162,307	3,683	660,405

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 1991
(F.O.B. value in million U.S. dollars)

Year	Total Trade	Exports			Imports			Balance of Trade Favorable (+) Unfavorable (-)
		Value	Percent to Total Trade	Average Exchange Rate (P/U.S.$)	Value	Percent to Total Trade	Average Exchange Rate (P/U.S.$)	
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)

Source: National Statistics Office

Table 7.2 – DIRECTION OF TRADE: (F.O.B. value in thousand

Countries	1982		1983		1984		1985		1986
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Total	7,666,918	5,020,593	7,486,627	5,005,291	6,069,612	5,390,646	5,110,673	4,628,954	5,043,597
ASEAN Countries	509,679	358,738	671,078	352,761	728,117	516,048	739,368	530,262	427,731
Indonesia	142,880	54,984	171,421	30,147	201,629	8,348	184,736	18,280	128,328
Malaysia	118,680	177,767	154,650	162,495	363,112	177,982	369,705	173,767	145,992
Singapore	218,376	111,553	280,451	140,254	116,022	320,453	134,457	250,099	124,394
Thailand	29,743	14,434	64,556	19,865	47,354	9,265	50,470	88,116	29,017
Other Countries	6,267,143	4,245,727	5,851,377	4,309,510	4,777,485	4,452,206	3,949,171	3,753,994	3,970,552
Australia	218,130	89,474	171,473	76,179	127,162	89,606	159,007	80,546	145,008
Bahrain	17,103	2,295	37	1,460	20	1,776	2	1,229	3,138
Canada	68,232	58,315	54,173	69,829	42,924	81,077	30,856	73,961	37,403
France	100,362	82,393	88,546	91,496	184,176	96,296	71,829	86,978	82,155
Hongkong	210,650	197,865	256,695	170,711	234,258	232,429	197,653	187,378	257,929
Italy	47,370	34,321	53,542	37,357	24,900	28,273	31,684	28,536	23,405
Japan	1,532,022	1,145,507	1,266,000	1,015,036	814,544	1,042,697	734,508	874,635	868,258
Kuwait	288,678	8,705	286,471	7,051	382,442	8,077	220,151	5,951	105,050
Netherlands	85,699	189,942	75,841	225,587	52,474	124,273	42,280	145,210	71,311
People's Republic of China	206,327	105,205	122,151	29,392	220,256	60,186	276,085	79,793	110,686
Romania	4,810	50	1,725	-	3,534	-	5,759	-	1,416
Saudi Arabia	912,717	39,453	812,545	41,931	420,050	33,007	268,340	39,130	218,479
South Korea	147,642	151,464	158,079	148,192	146,304	98,872	203,678	71,671	170,059
Taiwan	220,115	56,659	213,242	74,886	177,756	91,449	177,909	86,099	279,663
United Kingdom	161,622	189,895	181,075	234,669	121,070	224,705	102,923	167,104	108,872
United States	1,702,675	1,576,261	1,739,106	1,799,570	1,629,439	2,002,629	1,273,288	1,618,261	1,252,817
U.S.S.R.	11,130	115,159	15,811	86,994	3,348	54,402	11,363	32,706	14,557
West Germany	331,859	202,764	354,865	199,170	192,828	182,452	141,856	174,806	220,346
Others	1,399,775	774,866	1,635,250	695,781	1,292,127	938,440	1,161,502	874,960	1,073,045

Source: National Statistics Office.

1982 to 1991
U.S. dollars)

1986	1987		1988		1989		1990		1991	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
4,841,781	6,736,967	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
350,833	636,041	506,849	719,973	491,351	882,762	530,948	1,077,860	583,823	925,781	614,486
27,933	89,253	65,425	84,069	27,165	157,826	56,182	181,563	60,937	162,227	41,943
97,975	267,940	119,222	249,125	116,893	150,272	98,993	272,461	126,805	214,082	122,274
157,628	232,246	196,611	335,120	223,949	492,550	220,795	486,660	239,632	455,275	229,454
67,297	46,602	125,591	51,659	123,344	82,114	154,978	137,176	156,449	94,197	220,815
4,123,753	5,214,664	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
69,170	201,804	88,790	282,782	110,601	347,331	124,338	369,435	96,382	380,167	103,898
1,142	6,021	1,273	1,080	1,537	1,057	1,663	4,045	2,276	172	4,035
68,882	84,468	83,382	80,927	107,712	158,184	127,424	167,490	122,895	824,597	209,722
111,461	126,040	125,801	121,454	165,309	165,995	152,154	151,222	143,946	140,269	164,845
222,481	312,072	279,209	373,863	346,368	481,130	304,784	554,578	330,470	595,989	391,620
24,738	35,260	35,493	112,493	40,066	67,041	47,980	87,998	61,009	101,659	78,497
851,084	1,121,166	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
4,719	315,862	8,217	182,166	6,702	172,272	8,937	194,295	5,507	-	2,737
246,647	91,927	310,554	127,634	316,051	203,112	329,224	170,221	357,081	144,176	338,420
104,689	205,562	87,950	242,282	66,802	221,105	50,235	162,102	61,764	223,499	127,769
3	8	-	-	-	17,111	10	12,486	1,237	17,132	5,156
44,043	212,606	56,627	111,231	49,137	250,839	57,099	546,238	63,951	642,862	59,458
112,243	198,247	107,798	330,899	160,548	422,859	175,246	477,993	229,504	608,637	227,921
123,666	372,430	144,388	510,738	200,834	701,799	210,298	805,570	209,263	824,597	209,722
230,062	150,516	246,343	161,347	327,649	170,817	328,600	247,886	350,531	214,930	371,642
1,651,697	1,485,276	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
15,424	13,759	26,700	22,486	21,941	18,601	25,897	26,238	15,199	31,977	15,495
241,602	281,640	292,709	320,334	297,886	408,287	334,855	532,132	390,373	465,445	502,393
718,028	1,522,303	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

Table 7.3 – PHILIPPINE EXPORTS BY MAJOR COMMODITY GROUPS: 1982 to 1991
(F.O.B. value in million U.S. dollars)

Major commodity group	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821	8,186	8,840
Coconut products	590	680	727	459	470	560	577	532	496	440
Copra	49	4	–	–	18	32	28	25	20	19
Coconut oil	401	516	580	347	333	380	408	376	361	300
Desiccated coconut	68	88	106	76	44	75	78	78	61	66
Copra meal or cake	72	72	41	36	75	73	63	53	54	55
Sugar and sugar products	445	321	327	189	108	78	83	103	134	146
Centrifugal & refined sugar	416	299	290	169	87	60	60	80	112	115
Molasses	25	17	33	16	16	10	14	23	22	21
Others	4	5	4	4	5	8	9	–	–	10
Forest products	362	331	323	246	251	306	339	284	95	225
Logs	78	74	88	39	26	*	1	*	–	–
Lumber	124	149	107	90	103	154	156	136	19	12
Plywood	67	76	56	51	56	67	78	37	59	43
Others	93	32	72	66	66	83	105	111	17	170
Mineral products	532	440	266	243	267	224	383	424	361	309
Copper concentrates	312	249	115	84	90	109	216	237	207	174
Gold	169	154	104	100	140	90	118	109	90	64
Iron ore and concentrates	–	–	–	–	–	–	–	–	81	–
Chromite ore	15	10	19	12	10	7	13	18	17	16
Others	36	27	28	47	27	18	36	60	47	55
Fruits and vegetables	374	327	392	354	346	382	418	180	269	497
Pineapple products	107	102	115	128	128	136	130	24	120	27
Banana	146	105	122	113	130	121	146	146	149	173
Others	121	120	155	113	88	125	142	10	–	297
Abaca products	26	25	37	31	35	47	41	28	21	27
Abaca unmanufactured	20	18	33	16	13	12	16	18	16	17
Abaca rope	6	7	4	15	22	35	25	10	5	10
Tobacco products	49	35	31	28	26	23	26	26	48	67
Raw tobacco	47	33	28	24	21	18	19	17	20	40
Cigars and others	2	2	3	4	5	5	7	9	28	27
Mineral fuel and lubricants	33	115	87	42	66	97	153	118	155	211
Chemicals	96	87	104	151	243	245	256	279	261	92
Textiles	56	25	38	39	44	68	71	88	93	100
Miscellaneous manufactures and others	2,449	2,586	2,934	2,807	2,874	3,558	4,647	5,689	6,158	6,726
Re-exports	9	33	125	40	112	149	80	70	95	184

Source: National Statistics Office.

Fig. 7.1 Foreign Trade of the Philippines 1982 – 1991

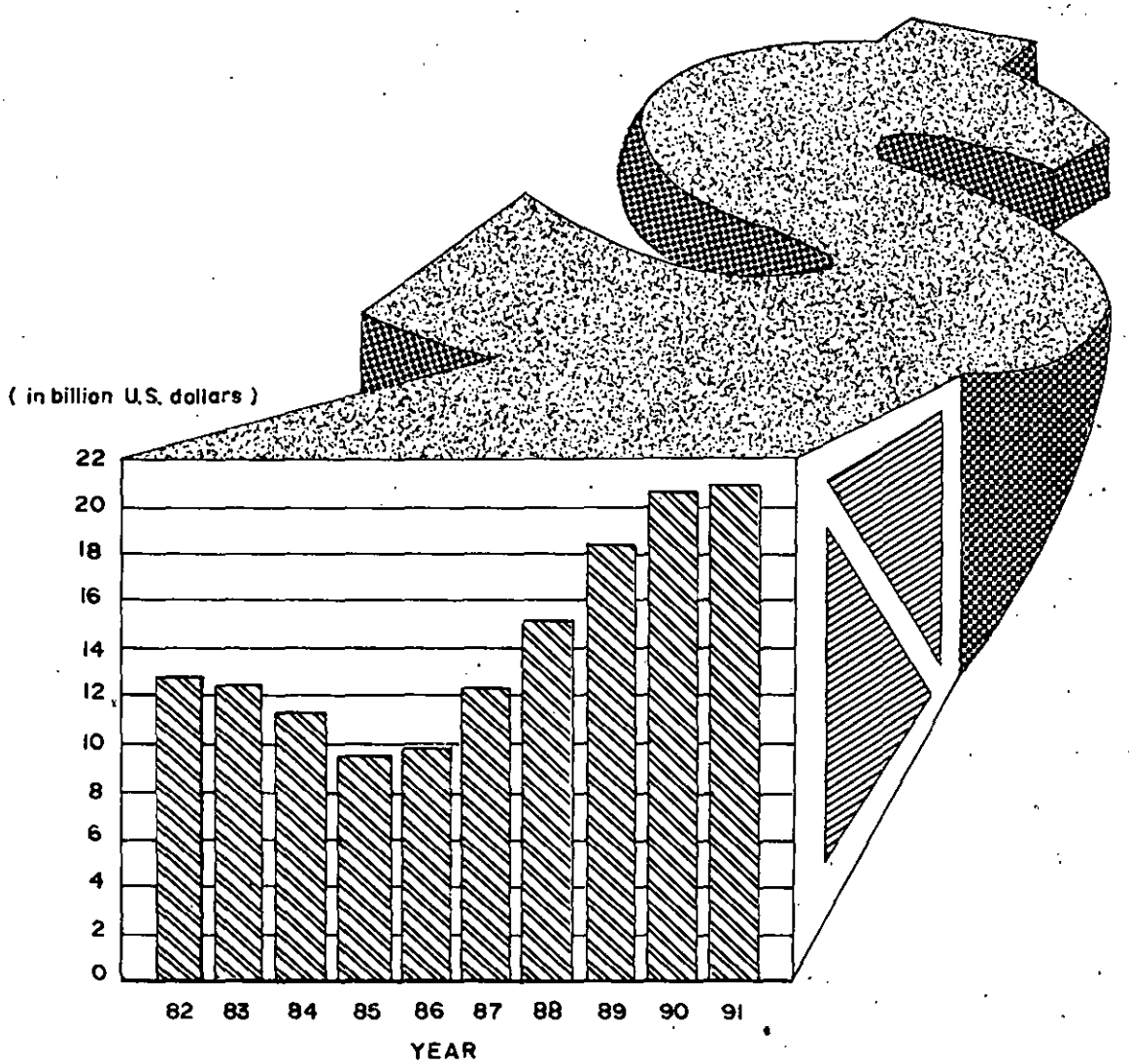


Table 7.4 – TOTAL EXPORTS AND TEN
(F.O.B. value in thousand U.S. dollars;

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

1/ In thousand bd. ft.
Source: National Statistics Office.

TRADITIONAL EXPORTS: 1971 to 1991
quantity in thousand kilograms)

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

Table 7.4 – TOTAL EXPORTS AND TEN TRADITIONAL EXPORTS: 1971 to 1991 (cont'd)
(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

2/ In troy ounce.
Source: National Statistics Office.

Table 7.5 – IMPORTS BY CATEGORY: 1971 to 1991
(F.O.B value in million U.S. dollars)

Year	Total Imports	Producer Goods					Consumer Goods		
		Total	Machinery and Equipment	Unprocessed Raw Materials	Semi-Processed Raw Materials	Supplies	Total	Durable	Non-Durable
1971	1,185.9	1,079.5	202.9	187.2	628.5	60.9	106.4	4.5	101.6
1972	1,229.6	1,114.3	196.9	207.6	647.2	62.6	115.3	4.8	110.8
1973	1,596.6	1,452.0	234.8	275.4	875.1	66.7	144.6	4.5	139.8
1974	3,143.3	2,913.2	472.3	746.7	1,491.9	202.3	230.1	9.5	220.6
1975	3,459.2	3,187.3	675.1	908.3	1,471.2	132.7	271.9	15.2	256.7
1976	3,633.5	3,394.6	640.8	1,006.8	1,611.8	135.2	238.9	17.0	221.9
1977	3,914.8	3,675.5	544.5	1,074.1	1,856.6	200.3	239.3	18.6	220.7
1978	4,732.2	4,442.3	699.8	1,154.9	2,390.2	197.4	289.9	26.2	263.7
1979	6,141.7	5,783.1	999.4	1,391.7	2,997.4	394.6	358.6	29.3	329.3
1980	7,726.9	7,387.9	1,253.4	2,234.7	3,300.4	599.4	339.0	28.1	310.9
1981	7,945.7	7,597.9	1,123.2	2,394.2	3,537.4	543.1	347.8	34.1	313.7
1982	7,666.9	7,286.5	898.8	2,088.3	3,784.3	515.1	380.4	34.5	345.9
1983	7,486.6	7,160.3	790.1	2,052.0	3,763.9	554.3	326.3	35.9	290.4
1984	6,069.6	5,812.6	474.1	1,696.3	3,283.0	359.2	257.0	11.9	245.1
1985	5,110.7	4,717.8	317.1	1,503.9	2,531.6	365.2	392.9	15.6	377.3
1986	5,043.6	4,728.8	305.2	997.3	3,104.9	321.4	314.8	20.2	294.6
1987	6,737.0	6,277.3	453.6	1,359.9	4,092.8	370.9	459.8	19.8	440.0
1988	8,159.4	7,590.6	837.4	1,386.3	4,982.5	384.4	568.9	37.8	531.1
1989	10,418.8	9,731.4	1,105.8	1,791.8	6,329.2	504.6	687.4	63.5	623.9
1990	12,206.2	11,350.7	1,531.2	2,357.1	6,924.2	538.2	855.5	81.7	773.8
*1991 **	12,051.4								

* 1991 data is being processed adopting the revised commodity classification code.
Sources: National Statistics Office
Central Bank of the Philippines for data prior to 1973

Table 7.6 – PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES 1976 to 1991 (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

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

Table 7.7 – QUANTUM, PRICE AND VALUE INDICES, TERMS OF TRADE AND PURCHASING POWER OF EXPORTS: 1981 to 1991

Year	Quantum Index		Price Index 1/		Value Index		Terms of Trade	Purchasing Power of Exports 2/
	Imports	Exports	Imports	Exports	Imports	Exports		
				(1985=100)				
1981	152.5	137.8	99.5	87.3	151.8	120.3	87.7	120.9
1982	162.4	124.4	92.4	85.2	150.0	105.9	92.2	114.7
1983	155.8	128.2	92.7	82.9	144.5	106.3	89.4	114.6
1984	119.3	138.2	97.3	83.1	116.1	114.9	85.4	118.1
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	119.7	116.6	82.3	88.8	98.5	103.6	107.9	125.8
1987	158.0	124.2	82.7	97.7	130.6	121.2	118.2	146.7
1988	191.3	138.2	82.1	107.2	157.2	148.5	130.5	180.4
1989	247.2	155.0	80.8	105.7	199.9	163.8	130.8	202.8
1990	246.4	166.2	94.0	102.7	231.6	170.6	109.3	181.7

* 1991 data is being processed adopting the revised commodity classification code.
Note: Unit values of imports are based on C.I.F. value while those for exports are based on FOB value.
1/ Paache Price Index
2/ Purchasing Power of Exports is derived by dividing Export Value Index by Imports Price Index.
Source: National Statistics Office.

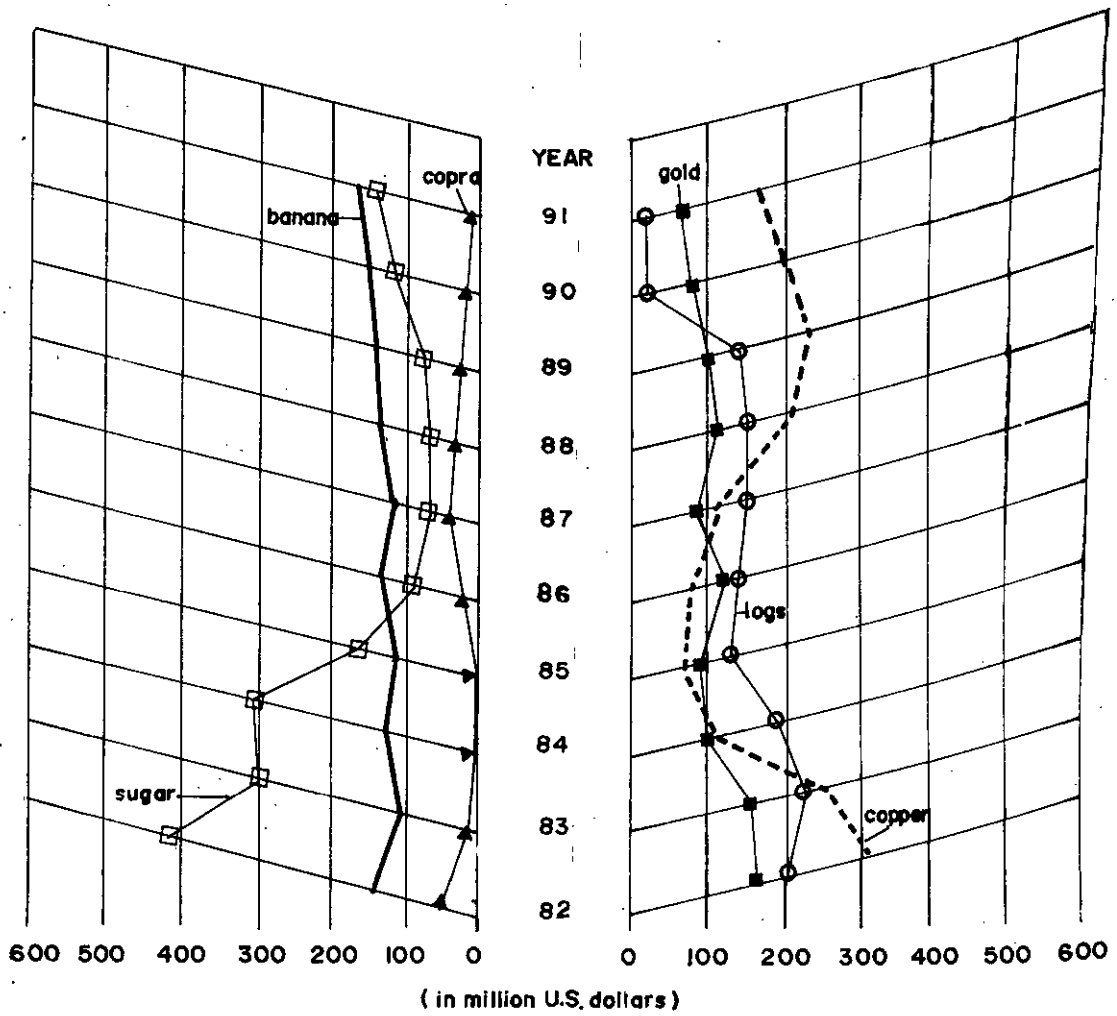
Table 7.8 – BALANCE OF PAYMENTS: 1982 to 1991
(In million U.S. dollars)

Item	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Trade Balance	(2,646)	(2,482)	(679)	(482)	(202)	(1,017)	(1,085)	(2,598)	(4,020)	(3,211)
Exports	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821	8,186	8,840
Imports	7,667	7,487	6,070	5,111	5,044	6,737	8,159	10,419	12,206	12,051
Services (net)	(1,040)	(740)	(855)	26	783	0	(80)	303	618	1,351
Inflow	2,983	3,127	2,619	3,288	3,791	3,454	3,592	4,586	4,836	5,624
Outflow	4,023	3,867	3,474	3,262	3,008	3,454	3,672	4,283	4,218	4,273
Transfers	486	472	236	379	441	573	775	830	714	827
Receipts	498	483	237	388	445	575	778	832	717	828
Payments	12	11	1	9	4	2	3	2	3	1
Current Account, Total	(3,200)	(2,750)	(1,298)	(77)	1,022	(444)	(390)	(1,465)	(2,688)	(1,033)
Foreign Investments	17	112	(7)	(9)	114	326	986	854	469	654
Inflow	194	255	121	124	186	439	1,077	972	695	798
Outflow	177	143	128	133	72	113	91	118	226	144
Medium & long term loans,	1,548	1,392	539	2,787	815	159	(519)	379	392	922
Inflow	2,533	2,336	1,308	3,962	2,545	2,598	2,412	2,811	4,398	3,613
Outflow	985	944	769	1,175	1,730	2,439	2,931	2,432	4,006	2,691
Short-term capital, net	(56)	(618)	623	(1,731)	(814)	80	(303)	(91)	9	369
Errors & omissions	(207)	(387)	251	638	(101)	(144)	479	385	620	(151)
Capital Account	1,302	499	1,406	1,685	14	421	643	1,527	1,490	1,794
Monetization of gold	277	183	150	221	279	365	314	288	218	245
*Revaluation adjustments **										
of which: Debt reduction	-	-	-	(88)	(68)	(78)	83	101	797	264
Overall BOP Position	(1,621)	(2,068)	258	2,301	1,247	264	650	451	(183)	1,405

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

Source: Central Bank of the Philippines.

Fig. 7.2 Value of Selected Traditional Exports, 1982 – 1991



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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Fig. 8.1 Visitor Arrivals to the Philippines, 1982 – 1991

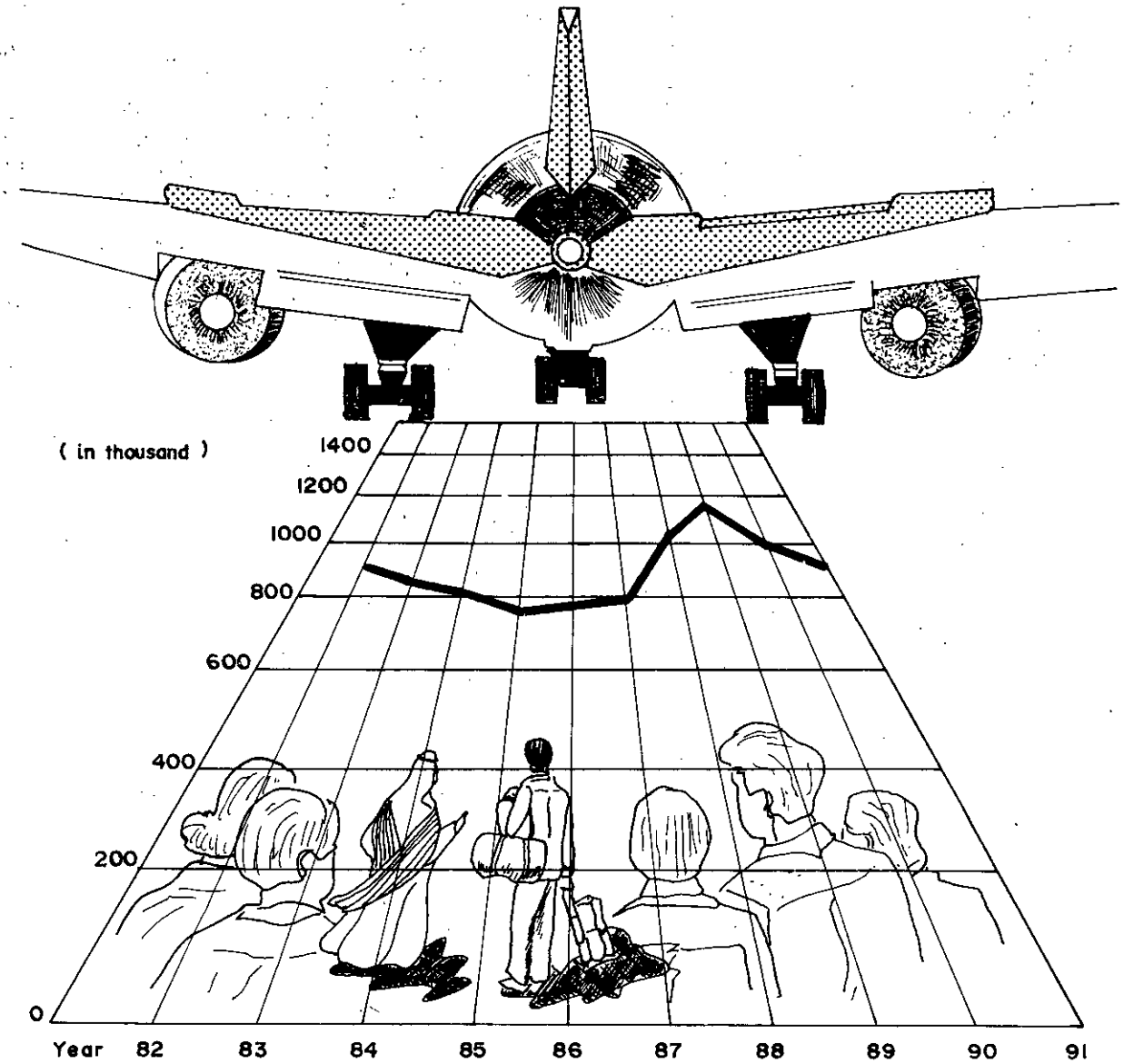

Table 8.1 – DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1990			1991		
	Total	Air	Sea	Total	Air	Sea
Grand Total	1,024,521	1,001,209	23,312	951,365	931,146	20,219
ASIA	432,635	420,627	12,008	402,009	393,078	8,931
ASEAN	47,758	45,640	2,118	48,683	46,562	2,121
Brunei	1,660	1,624	36	1,657	1,656	1
Indonesia	6,190	5,435	755	7,980	7,062	918
Malaysia	11,809	11,689	120	13,594	13,353	241
Singapore	19,331	19,055	276	15,662	15,486	176
Thailand	8,768	7,837	931	9,790	9,005	785
EAST ASIA	369,954	360,772	9,182	346,315	339,819	6,496
China (PROC)	4,066	1,265	2,801			
Hongkong	70,629	70,272	357	55,673	55,335	338
Japan	201,982	199,284	2,698	197,540	194,601	2,939
Korea	36,533	33,320	3,213	40,554	37,407	3,147
Taiwan	56,744	56,631	113	52,548	52,476	72
SOUTH ASIA	14,923	14,215	708	7,011	6,697	314
Bangladesh	1,046	968	78			
India	6,474	5,968	506	7,011	6,697	314
Nepal	630	629	1			
Pakistan	5,368	5,270	98			
Sri Lanka	1,405	1,380	25			
MIDDLE EAST	20,742	20,734	8	12,514	12,514	0
Bahrain	1,134	1,134	0			
Iran	703	703	0			
Israel	2,964	2,960	4			
Jordan	602	598	4			
Lebanon	0	0	0			
Kuwait	884	884	0			
Saudi Arabia	13,112	13,112	0	12,514	12,514	0
United Arab Emirates	1,343	1,343	0			
AMERICA	226,149	222,368	3,781	214,724	212,103	2,621
NORTH AMERICA	224,510	220,839	3,671	214,724	212,103	2,621
Canada	20,569	20,294	275	22,225	22,094	131
U.S.A.	203,941	200,545	3,396	192,499	190,009	2,490
CENTRAL AMERICA	537	472	65			
Mexico	537	472	65			
SOUTH AMERICA	1,102	1,057	45			
Argentina	264	259	5			
Brazil	538	506	32			
Colombia	170	165	5			
Peru	0	0	0			
Venezuela	130	127	3			

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

OF RESIDENCE AND MODE OF TRAVEL: 1990 to 1991

Country of Residence	1990			1991		
	Total	Air	Sea	Total	Air	Sea
EUROPE	122,798	117,748	5,050	117,204	114,666	2,538
WESTERN EUROPE	60,096	59,283	813	56,554	55,424	1,130
Austria	3,317	3,166	151			
Belgium	2,709	2,671	38			
France	10,204	10,110	94	10,406	10,324	82
Germany, Federal Rep.	8,204	8,171	33			
Germany, West	18,707	18,427	280	28,229	27,431	798
Luxembourg	96	85	11			
Netherlands	6,481	6,343	138	7,247	7,033	214
Switzerland	10,378	10,310	68	10,672	10,636	36
NORTHERN EUROPE	47,677	44,663	3,014	49,879	48,664	1,215
Denmark	2,843	2,760	83	3,414	3,348	66
Finland	1,032	1,006	26	1,061	1,033	28
Iceland	4	0	4			
Ireland	921	881	40			
Norway	3,023	2,561	462	3,058	2,655	403
Sweden	6,381	6,232	149	6,375	6,342	33
United Kingdom	33,473	31,223	2,250	35,971	35,286	685
SOUTHERN EUROPE	13,940	13,196	744	10,771	10,578	193
Greece	774	609	165			
Italy	8,496	8,292	204	8,048	7,949	99
Portugal	1,185	1,097	88			
Spain	2,827	2,708	119	2,723	2,629	94
Yugoslavia	658	490	168			
EASTERN EUROPE	1,085	606	479			
Poland	110	35	75			
U.S.S.R.	975	571	404			
OCEANIA	61,188	60,186	1,002	47,916	47,681	235
Australia	47,351	46,393	958	43,966	43,782	184
Guam	8,784	8,784	0			
Nauru	129	129	0			
New Zealand	3,627	3,583	44	3,950	3,899	51
Papua New Guinea	1,297	1,297	0			
AFRICA	795	764	31			
Egypt	301	278	23			
Nigeria	289	285	4			
South Africa	205	201	4			
OTHERS AND UNSPECIFIED RESIDENCE	29,457	28,025	1,432	55,051	49,157	5,894
TOTAL	893,764	870,452	23,312	849,418	829,199	20,219
OVERSEAS FILIPINOS	130,757	130,757	0	101,947	101,947	0

Table 8.2 – VISITOR ARRIVALS TO THE PHILIPPINES

Country of Residence	1980	1981	1982	1983	1984	1985
Grand Total	1,008,159	938,953	890,807	860,550	816,712	773,074
ASIA	497,006	434,693	386,228	380,413	344,103	311,170
ASEAN	80,595	88,509	80,171	64,641	57,190	49,454
Brunei	0	0	0	0	2,024	2,140
Indonesia	10,342	11,771	10,996	7,711	6,175	5,916
Malaysia	28,684	29,479	25,339	18,107	14,459	14,525
Singapore	31,828	34,913	33,732	27,219	22,147	17,271
Thailand	9,741	12,346	10,104	11,604	12,385	9,602
EAST ASIA	405,782	335,875	295,226	304,610	275,358	251,759
China (PROC)						
Japan	260,252	192,902	159,652	178,527	160,542	152,771
Hongkong	94,067	92,281	75,625	70,043	62,939	52,407
Korea	10,651	12,298	13,698	13,258	11,602	10,873
Taiwan	40,812	38,394	46,251	42,782	40,275	35,708
SOUTH ASIA	10,629	10,309	10,831	11,162	11,555	9,957
Bangladesh						
India	10,629	10,309	10,831	11,162	11,555	9,957
Nepal						
Pakistan						
Sri Lanka						
MIDDLE EAST	10,583	15,254	16,374	14,209	17,809	13,539
Bahrain						
Iran						
Israel						
Jordan						
Kuwait						
Saudi Arabia	10,583	15,254	16,374	14,209	17,809	13,539
United Arab Emirates						
AMERICA	168,264	166,083	163,554	165,217	176,030	177,525
NORTH AMERICA	168,264	166,083	163,554	165,217	176,030	177,525
USA	151,251	147,730	148,793	151,241	160,638	162,320
Canada	17,013	18,353	14,761	13,976	15,392	15,205
CENTRAL AMERICA						
Mexico						
SOUTH AMERICA						
Argentina						
Brazil						
Colombia						
Peru						
Venezuela						

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

BY COUNTRY OF RESIDENCE, 1980 to 1991

1986	1987	1988	1989	1990	1991
781,517	794,700	1,043,114	1,189,719	1,020,454	951,365
309,624	310,247	453,114	543,867	428,569	414,939
46,844	46,528	59,671	64,806	47,758	48,683
2,031	1,890	2,382	2,456	1,660	1,657
6,222	5,664	7,250	7,994	6,190	7,980
12,780	11,941	16,336	17,201	11,809	13,594
17,556	17,785	23,794	26,402	19,331	15,662
8,255	9,248	9,909	10,753	8,768	9,790
255,872	257,375	387,662	472,713	365,888	351,186
					4,871
133,536	126,127	181,741	215,634	201,982	197,540
75,344	80,886	133,331	130,346	70,629	55,673
12,623	14,463	16,125	36,587	36,533	40,554
34,369	35,899	56,465	90,146	56,744	52,548
6,908	6,344	5,781	6,348	14,923	15,070
				1,046	1,048
6,908	6,344	5,781	6,348	6,474	7,011
				630	615
				5,368	4,796
				1,405	1,600
19,976	20,396	17,778	15,052	20,742	20,614
				1,134	826
				703	756
				2,961	3,476
				605	477
				884	1,862
19,976	20,396	17,778	15,052	13,112	12,514
				1,343	703
182,903	193,694	231,232	267,679	226,148	216,482
182,903	193,694	231,232	267,679	224,510	214,724
166,382	175,729	211,502	246,586	203,941	192,499
16,521	17,965	19,730	21,093	20,569	22,225
				401	329
				401	329
				1,237	1,429
				264	223
				537	718
				170	206
				136	153
				130	129

Table 8.2 – VISITOR ARRIVALS TO THE PHILIPPINES

Country of Residence	1980	1981	1982	1983	1984	1985
EUROPE	102,755	105,074	98,742	96,882	85,556	79,096
WESTERN EUROPE	59,786	58,522	53,294	52,910	46,397	43,691
Austria						
Belgium						
France	10,511	10,030	9,760	8,415	7,783	7,714
Germany, West	32,047	31,501	27,612	27,892	23,738	22,110
Luxembourg						
Netherlands	5,671	5,430	5,171	5,503	4,781	4,355
Switzerland	11,557	11,561	10,751	11,100	10,095	9,512
NORTHERN EUROPE	28,623	31,275	31,821	31,857	30,005	28,091
Denmark	2,257	2,489	2,366	2,390	2,334	2,081
Finland	988	1,041	884	885	836	725
Ireland						
Norway	1,899	1,774	1,844	1,688	1,769	1,622
Sweden	4,051	4,483	4,102	3,904	3,844	3,984
United Kingdom	19,428	21,488	22,625	22,990	21,222	19,679
SOUTHERN EUROPE	14,346	15,277	13,627	12,115	9,154	7,314
Greece						
Italy	8,729	8,976	8,701	8,287	7,020	5,463
Portugal						
Spain	5,617	6,301	4,926	3,828	2,134	1,851
Yugoslavia						
EASTERN EUROPE						
Poland						
USSR						
OCEANIA	72,377	67,679	66,879	56,739	52,900	50,836
Australia	67,942	63,342	62,969	53,238	49,670	48,176
Guam						
Nauru						
New Zealand	4,435	4,337	3,910	3,501	3,230	2,660
Papua New Guinea						
AFRICA						
Egypt						
Nigeria						
South Africa						
OTHERS AND UNSPECIFIED RESIDENCES	96,558	92,372	92,744	82,077	71,061	74,366
TOTAL	947,543	881,155	824,521	795,537	747,459	706,532
OVERSEAS FILIPINOS	60,616	57,798	66,286	65,013	69,253	66,542

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

BY COUNTRY OF RESIDENCE, 1980 to 1991 (continued)

1986	1987	1988	1989	1990	1991
80,251	80,865	99,930	109,339	122,798	128,349
44,341	42,658	51,505	56,984	60,100	62,205
				3,317	3,042
				2,709	2,492
7,980	6,808	8,004	9,543	10,204	10,406
23,210	22,784	27,399	30,045	26,915	28,229
				86	117
4,325	4,818	6,109	6,543	6,487	7,247
8,826	8,248	9,993	10,853	10,382	10,672
29,116	30,481	38,607	40,508	47,673	51,192
2,294	2,572	3,398	3,320	2,843	3,414
669	573	1,200	1,103	1,032	1,061
				921	1,313
1,999	1,912	2,411	2,726	3,023	3,058
4,838	5,557	6,883	6,759	6,389	6,375
19,316	19,867	24,715	26,600	33,465	35,971
6,794	7,726	9,818	11,847	13,796	12,885
				754	837
5,379	5,956	7,415	8,869	8,516	8,048
				1,185	905
1,415	1,770	2,403	2,978	2,827	2,723
				514	372
				1,229	2,067
				226	441
				1,003	1,626
47,110	45,915	48,698	54,143	61,188	52,250
44,571	43,126	45,349	50,529	47,351	43,968
				8,784	3,570
				129	0
2,539	2,789	3,349	3,614	3,627	3,950
				1,297	762
				795	1,254
				305	867
				285	330
				205	57
71,718	70,833	86,831	86,023	29,457	15,530
711,582	721,950	937,583	1,076,103	889,697	849,418
69,935	72,750	105,531	113,616	130,757	101,947

Fig. 8.2 Tourist Receipt, 1982 – 1991

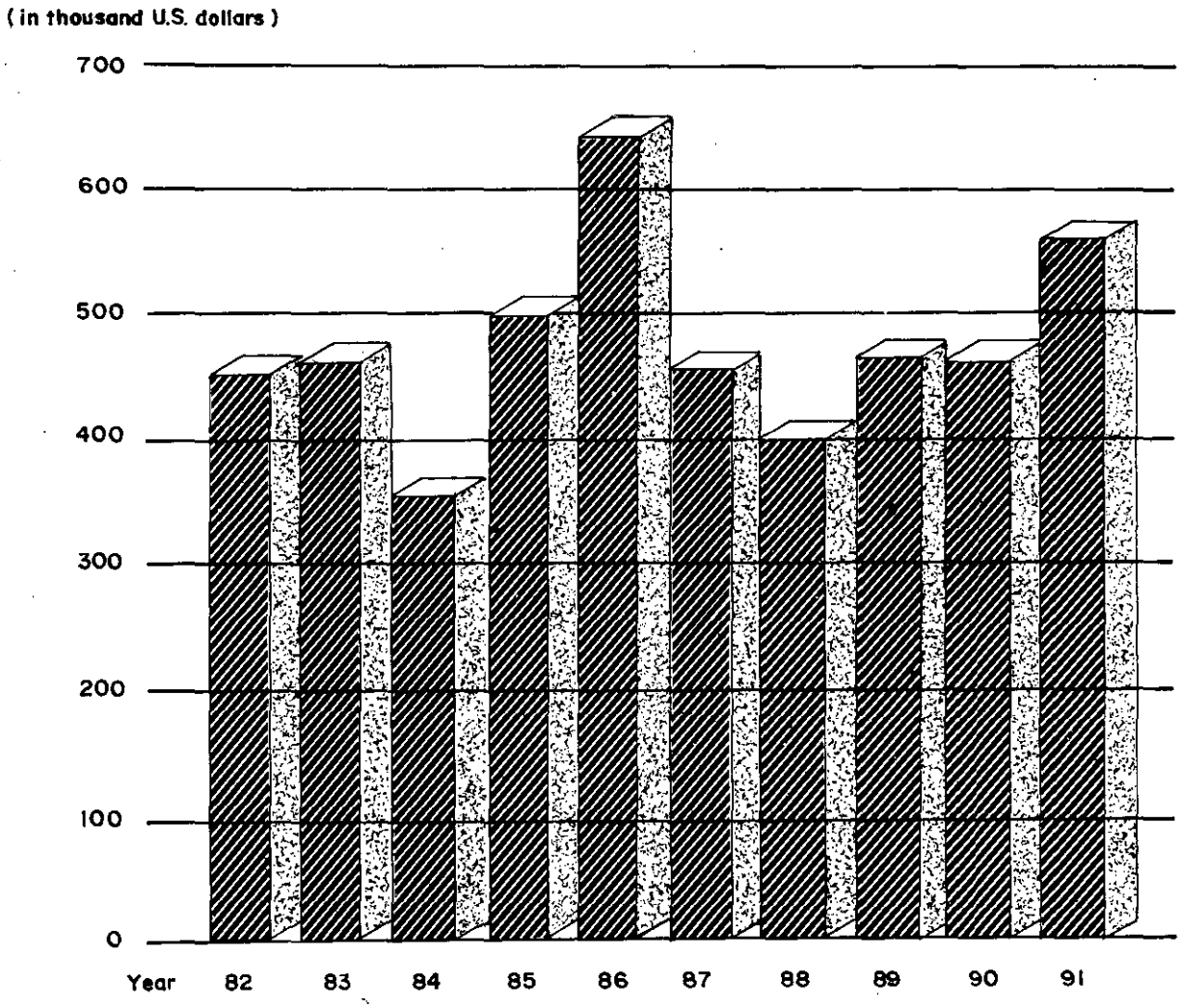

Table 8.3 – OVERSEAS FILIPINO ARRIVALS BY COUNTRY OF RESIDENCE 1990 to 1991

Country of Residence	1990	1991 P
Grand Total	130,757	67,259
ASIA	15,388	10,506
ASEAN	1,672	1,192
Brunei	281	176
Indonesia	378	246
Malaysia	173	159
Singapore	578	423
Thailand	262	188
EAST ASIA	13,574	9,221
China (PROC)	25	20
Hongkong	7,825	4,948
Japan	5,254	3,861
Korea	73	56
Taiwan	397	336
SOUTH ASIA	142	93
Bangladesh	39	25
India	40	36
Nepal	14	13
Pakistan	34	14
Sri Lanka	15	5
Middle East	2,854	1,859
Bahrain	141	104
Iran	10	12
Israel	32	15
Jordan	35	35
Kuwait	234	182
Saudi Arabia	1,939	1,213
United Arab Emirates	463	298
AMERICA	55,507	38,531
NORTH AMERICA	54,421	37,799
Canada	3,366	2,202
U.S.A.	51,055	35,597
CENTRAL AMERICA	74	65
Mexico	74	65
SOUTH AMERICA	1,012	667
Argentina	26	17
Brazil	22	25
Colombia	944	609
Peru	2	5
Venezuela	18	11

Country of Residence	1990	1991 P
EUROPE	6,541	5,080
WESTERN EUROPE	3,411	2,912
Austria	314	414
Belgium	91	59
France	232	148
Germany	2,202	1,881
Luxembourg	1	16
Netherlands	134	114
Switzerland	437	280
NORTHERN EUROPE	2,031	1,450
Denmark	106	73
Finland	18	19
Ireland	9	15
Norway	127	95
Sweden	171	169
United Kingdom	1,600	1,079
SOUTHERN EUROPE	1,090	710
Greece	33	25
Italy	688	436
Portugal	58	25
Spain	262	219
Yugoslavia	49	5
EASTERN EUROPE	9	8
Poland	0	1
USSR	9	7
OCEANIA	8,680	5,640
Australia	3,678	2,415
Guam	3,547	2,022
Nauru	6	0
New Zealand	203	119
Papua New Guinea	1,246	1,084
AFRICA	72	63
Egypt	3	6
Nigeria	46	28
South Africa	23	29
Others and Unspecified residence	41,715	5,580

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

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Table 8.4 – AIR VISITOR ARRIVALS BY COUNTRY OF

Travel Market	Total	Age		
		Under 15	15-19	20-24
Grand Total	1,001,208	69,215	21,906	73,101
Asean	45,640	1,914	760	2,429
Brunei	1,624	161	22	77
Indonesia	5,435	228	143	298
Malaysia	11,689	506	174	667
Singapore	19,055	656	245	889
Thailand	7,837	363	176	498
East Asia	359,507	14,950	5,084	25,825
Japan	199,284	7,247	2,198	12,992
Hongkong	70,272	3,869	1,235	5,559
Korea	33,320	1,191	940	3,993
Taiwan	56,631	2,643	711	3,281
South Asia				
India	5,968	357	197	408
Middle East				
Saudi Arabia	13,112	449	79	656
North America	220,839	25,580	8,330	18,217
Canada	20,294	2,411	590	913
USA	200,545	23,169	7,740	17,304
Oceania	49,976	4,927	1,244	2,309
Australia	46,393	4,699	1,117	2,124
New Zealand	3,583	228	127	185
Europe	108,143	7,608	1,509	7,386
Denmark	2,760	159	47	212
Finland	1,006	57	29	68
France	10,110	462	113	700
Italy	8,292	391	102	466
Germany, West	26,598	2,329	288	1,496
Netherlands	6,343	387	85	318
Norway	2,561	275	58	150
Spain	2,708	211	77	147
Sweden	6,232	304	124	998
Switzerland	10,310	590	109	998
United Kingdom	31,223	2,443	477	1,833
Others and Unspecified Residences	67,266	6,514	1,641	5,367
Overseas Filipinos	130,757	6,916	3,062	10,504

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

RESIDENCE AND AGE GROUP: 1990

Group					
25-34	35-44	45-54	55-64	65 & Above	Not Stated
251,313	271,694	163,585	75,799	43,955	29,243
13,869	15,512	7,140	2,136	714	1,166
480	547	176	62	22	77
1,235	1,703	1,159	426	116	127
3,777	4,004	1,692	413	176	280
6,266	6,884	2,627	835	239	414
2,111	2,374	1,486	400	161	268
94,652	111,510	61,904	26,478	10,340	8,764
44,990	65,016	39,735	15,651	5,676	5,779
23,642	20,038	8,435	4,068	1,942	1,484
9,459	8,585	5,324	2,288	829	711
16,561	17,871	8,410	4,471	1,893	790
1379	1,559	1,168	595	162	125
3,519	2,254	1,141	500	664	3,850
42,080	49,926	36,390	20,038	14,835	5,443
3,262	5,298	3,785	1,731	1,777	527
38,818	44,628	32,605	18,307	13,058	4,916
9,757	13,480	9,723	4,690	2,406	1,440
9,004	12,531	8,959	4,331	2,290	1,338
753	949	764	359	116	102
28,239	27,999	21,734	8,400	3,273	1,995
634	650	681	240	97	40
250	292	193	75	22	20
2,860	2,652	1,807	914	398	204
2,061	2,130	1,780	840	297	225
6,367	6,529	6,416	1,955	761	457
1,514	1,783	1,394	560	197	105
498	699	576	196	57	52
624	741	485	241	113	69
1,867	1,258	1,024	405	163	89
3,451	2,317	1,618	694	342	191
8,113	8,948	5,760	2,280	826	543
15,258	15,877	10,468	5,205	3,218	3,718
42,380	33,968	14,490	8,190	8,380	2,867

Table 8.5 – AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

Year/Travel Market	Total	Purpose	
		Holiday	Business
1981	904,559	648,684	112,948
1982	859,133	605,061	116,050
1983	828,680	566,419	111,425
1984	765,404	510,712	99,626
1985	743,747	511,654	87,500
1986	751,401	507,292	91,545
1987	765,404	510,712	99,626
1988	818,788	565,620	108,388
1989	1,162,412	775,404	142,167
1990	1,001,208	586,465	131,836
Asean	45,640	21,670	11,946
Brunei	1,624	1,077	167
Indonesia	5,435	1,778	928
Malaysia	11,689	6,629	2,174
Singapore	19,055	9,086	7,411
Thailand	7,837	3,100	1,266
East Asia	359,507	261,879	49,676
Japan	199,284	157,260	19,971
Hongkong	70,272	46,248	15,141
Korea	33,320	15,732	6,104
Taiwan	56,631	42,639	8,460
South Asia			
India	5,968	2,322	970
Middle East			
Saudi Arabia	13,112	8,921	2,284
North America	220,839	101,598	26,396
Canada	20,294	14,091	2,098
United States of America	200,545	87,507	24,298
Europe	108,143	70,302	21,890
Denmark	2,760	1,740	631
Finland	1,006	579	219
France	10,110	6,455	2,217
Italy	8,292	5,004	1,500
Germany, West	26,598	18,808	4,594
Netherlands	6,343	3,503	1,701
Norway	2,561	1,586	530
Spain	2,708	1,745	401
Sweden	5,232	4,604	1,003
Switzerland	10,310	7,894	1,087
United Kingdom	31,223	18,384	8,007
Oceania	49,976	36,153	7,506
Australia	46,393	33,997	6,738
New Zealand	3,583	2,156	768
Others and Unspecified Residences	67,266	34,803	8,322
Overseas Filipinos	130,757	48,817	2,846

AND PURPOSE OF TRAVEL: 1981 to 1991

of		Travel		
Official Mission	Convention	Health	Others	Not Reported
23,702	12,387	4,466	56,556	45,816
21,699	13,290	4,719	58,288	40,026
20,838	11,667	4,791	53,095	60,445
20,934	8,338	4,703	65,603	55,488
19,565	7,828	5,154	54,860	57,186
19,123	9,009	4,739	60,489	59,204
20,934	8,338	4,703	65,603	55,488
36,427	7,653	3,389	69,277	28,034
49,822	13,809	6,526	133,104	41,580
36,361	11,656	4,848	152,183	77,859
3,501	2,299	40	4,219	1,965
116	79	1	144	40
767	507	12	1,104	339
544	763	17	1,096	466
588	423	7	879	661
1,486	527	3	996	459
4,901	2,781	232	17,717	22,321
3,203	806	127	7,571	10,346
302	434	52	2,140	5,955
1,021	1,234	25	6,034	3,170
375	307	28	1,972	2,850
534	438	8	1,166	530
110	34	46	688	1,029
20,473	1,932	1,844	49,716	18,880
236	177	98	2,246	1,348
20,237	1,755	1,746	47,470	17,532
1,544	1,378	92	5,819	7,118
53	11	3	149	173
36	37	0	76	59
186	135	8	613	496
126	426	9	534	693
331	144	34	1,199	1,488
106	61	7	522	443
51	8	5	236	145
44	116	6	180	216
75	49	3	274	224
179	70	7	349	724
357	321	10	1,687	2,457
715	609	69	2,988	1,936
641	510	67	2,636	1,804
74	99	2	352	132
3,819	1,434	1,054	11,922	5,912
764	751	1,463	57,948	18,168

Table 8.5 – AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

Year/Travel Market	Total	Purpose	
		Holiday	Business
1991 P	618,399	375,763	80,757
Asean	30,087	11,922	6,152
Brunei	1,049	571	91
Indonesia	4,452	1,362	600
Malaysia	8,954	4,126	1,604
Singapore	9,938	4,215	3,241
Thailand	5,694	1,648	616
East Asia	249,386	162,200	29,628
Japan	143,793	102,914	14,097
Hongkong	41,854	24,851	6,980
Korea	27,454	11,752	4,900
Taiwan	36,285	22,683	3,651
South Asia			
India	5,159	1,981	948
Middle East			
Saudi Arabia	8,688	4,464	1,428
North America	149,826	82,068	15,344
Canada	14,351	8,733	1,509
United States of America	135,475	73,335	13,835
Europe	78,895	45,394	14,885
Denmark	2,159	1,218	443
Finland	749	366	155
France	7,357	4,062	1,510
Italy	5,536	2,899	940
Germany, West	17,899	11,150	2,642
Netherlands	4,855	2,360	1,206
Norway	1,796	1,038	311
Spain	1,814	1,050	270
Sweden	3,942	2,463	615
Switzerland	6,547	4,508	752
United Kingdom	26,241	14,280	6,041
Oceania	32,623	21,683	5,009
Australia	29,814	20,127	4,395
New Zealand	2,809	1,556	614
Others and			
Unspecified Residences	32,766	16,041	4,370
Overseas Filipinos	67,259	30,010	2,993

Source: Tourism Research and Statistics Division, Department of Tourism

AND PURPOSE OF TRAVEL: 1981 to 1991 (continued)

of Travel				
Official Mission	Convention	Health	Others	Not Reported
10,947	6,421	0	51,247	93,264
1,589	1,383	0	3,668	5,373
108	45	0	97	137
340	274	0	793	1,083
266	492	0	901	1,565
139	284	0	591	1,468
736	288	0	1,286	1,120
2,471	1,814	0	8,667	44,606
1,202	681	0	3,560	21,339
233	343	0	1,131	8,316
810	696	0	2,820	6,476
226	94	0	1,156	8,475
195	191	0	714	1,130
33	10	0	442	2,311
3,890	996	0	15,545	31,983
227	113	0	921	2,848
3,663	883	0	14,624	29,135
962	758	0	3,304	13,592
31	5	0	102	360
10	15	0	51	152
114	59	0	346	1,266
91	218	0	246	1,142
189	69	0	752	3,097
66	42	0	284	897
31	9	0	77	330
30	8	0	59	397
41	102	0	141	580
54	13	0	167	1,053
305	218	0	1,079	4,318
394	275	0	1,475	3,787
356	241	0	1,322	3,373
38	34	0	153	414
1,001	499	0	3,743	7,112
412	495	0	13,689	19,660

Fig. 8.3 Air Visitor Arrivals by Country of Residence, 1991

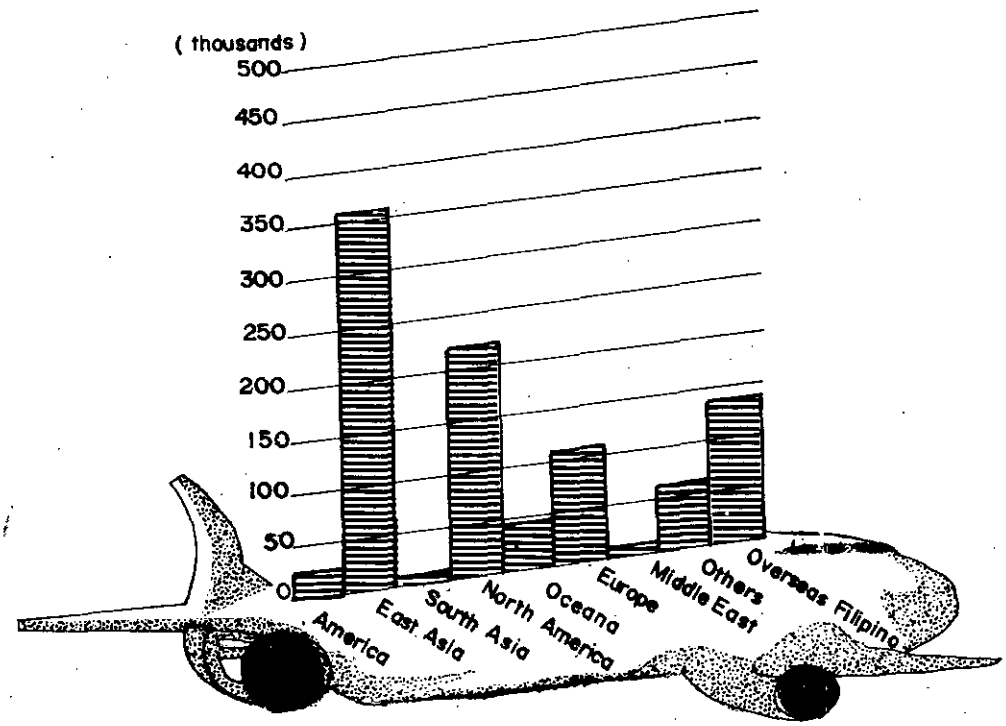

Fig. 8.4 Air Visitor Arrivals by Purpose of Travel, 1991

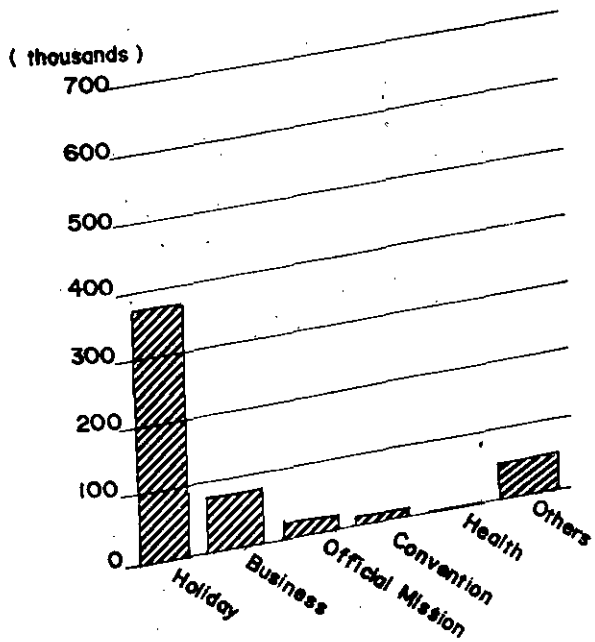

Table 8.6 – ESTIMATED TOURIST RECEIPTS : 1970 to 1991

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

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 Philppines.

Table 8.7 – AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1980 to 1991

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

Year	Total	Hotel Category			
		De Luxe	First Class	Standard	Economy
Average number of rooms					
1988	6,824	3,841	1,048	867	1,068
1989	8,417	4,864	1,365	1,099	1,089
1990	7,704	4,244	1,474	1,185	801
1991	7,723	4,219	1,760	1,146	598
Average occupancy rate					
1988	73.04	76.39	75.30	70.26	61.03
1989	76.42	80.98	77.63	70.19	60.80
1990	67.34	68.36	67.64	70.06	57.38
1991	64.76	66.71	59.26	65.75	65.33

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

It also compiles data on marriages showing tabulations by months and by place of occurence, classified by age and by previous marital status of bride and groom and by type of ceremony. These vital statistics are 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 Department of Health 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 NSCB 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
(Rates per

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

a Included in Region 4.
b Including Metropolitan Manila Area (NCR).
Source: National Statistics Office.

AND RATE BY REGION: 1960 TO 1990
1,000 population)

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

Table 9.2 – LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES: 1950 to 1989

Year	Births		Total Deaths		Deaths under 1 year		Maternal deaths		Foetal deaths	
	Crude 1/		Crude							
	Number	Rate	Number	Rate	Number	Rate 2/	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

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.

Fig. 9.1 Number of Livebirths and Deaths, Philippines: 1980 to 1989

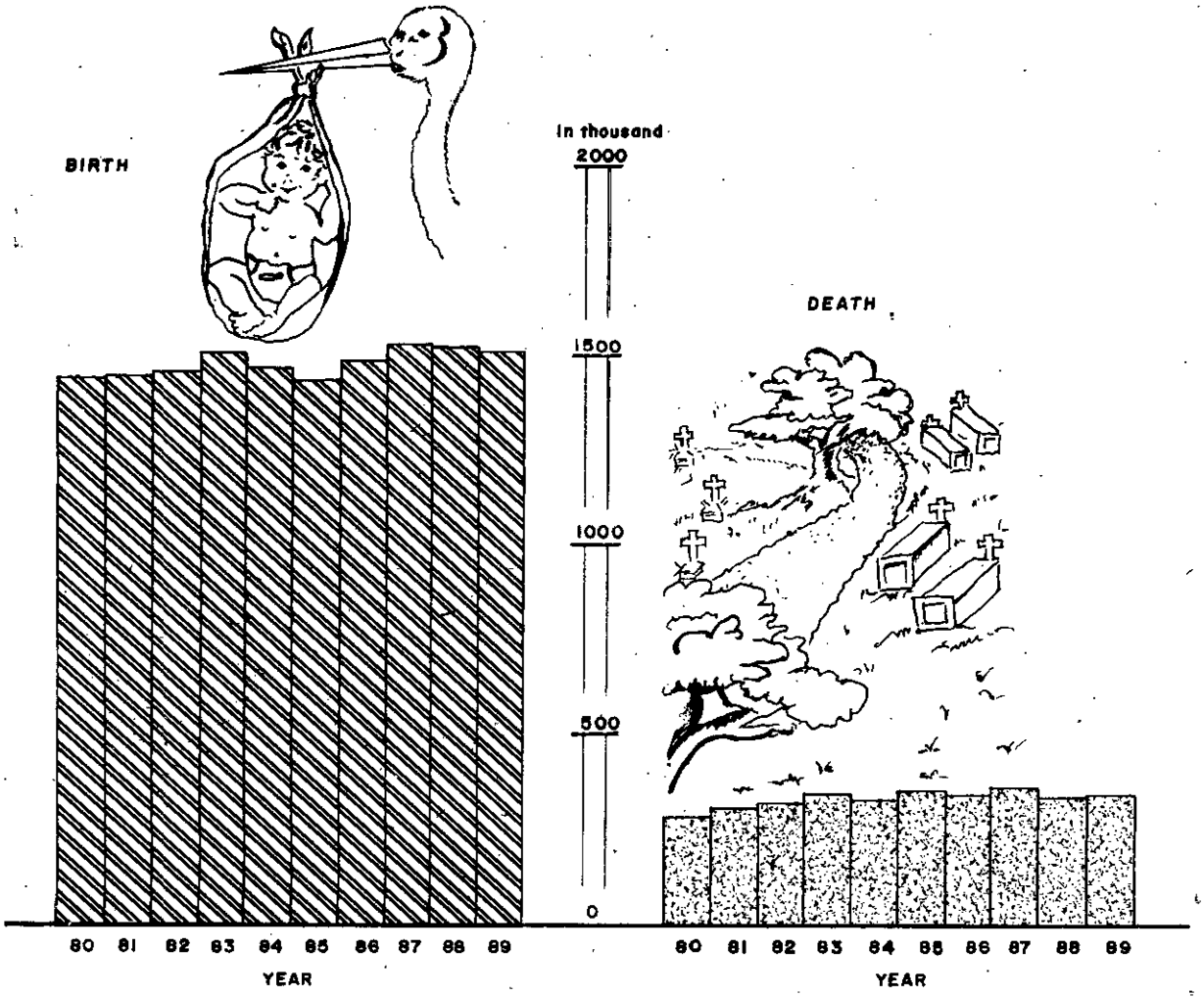


Table 9.3 – NUMBER OF REGISTERED LIVE
(Rate per

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

a Included in Region 4.
b Including Metropolitan Manila (National Capital Region).
Source: National Statistics Office.

BIRTHS AND RATE BY REGION: 1950 to 1989
1,000 population)

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

Table 9.4 – NUMBER OF REGISTERED DEATHS
(Rate per

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

a Included in Region 4.
b Including Metropolitan Manila Area (National Capital Region)
Source: National Statistics Office.

AND RATE BY REGION: 1950 to 1989
1,000 population)

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

Table 9.5 – MORTALITY: ALL CAUSES

Age Group	Philippines			Metropolitan Manila Area (National Capital Region)			Cordillera Administrative Region			
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	325,621	192,077	133,544	50,431	29,954	20,477	4,263	2,594	1,669	25,112
Under 1 year	43,026	24,952	18,074	7,956	4,629	3,327	490	270	220	3,055
1– 4 years	30,073	16,071	14,002	4,264	2,229	2,035	285	142	143	1,661
5– 9 years	9,980	5,562	4,418	1,138	621	517	104	64	40	564
10–14 years	5,496	3,114	2,382	626	353	273	65	39	26	369
15–19 years	7,343	4,752	2,591	1,019	645	374	121	75	46	444
20–24 years	10,317	7,257	3,060	1,828	1,298	530	213	171	42	586
25–29 years	11,261	7,961	3,300	2,003	1,419	584	197	150	47	595
30–34 years	10,899	7,509	3,390	1,832	1,241	591	173	131	42	635
35–39 years	11,837	8,073	3,764	1,965	1,361	604	156	114	42	778
40–44 years	11,291	7,737	3,554	1,949	1,317	632	163	116	47	825
45–49 years	12,957	8,728	4,229	2,148	1,381	767	179	126	53	859
50–54 years	15,558	10,191	5,367	2,645	1,742	903	204	141	63	1,011
55–59 years	16,209	10,654	5,555	2,830	1,873	957	241	153	88	1,080
60–64 years	18,844	11,882	6,962	3,154	1,989	1,165	287	189	98	1,351
65–69 years	20,446	12,165	8,281	3,308	1,949	1,359	293	169	124	1,711
70 years & over	90,064	45,453	44,611	11,766	5,907	5,859	1,092	544	548	9,587
Not stated	20	16	4	-	-	-	-	-	-	1

Age Group	Region 6			Region 7			Region 8			
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes
All Ages	32,866	19,803	13,063	27,380	15,477	11,903	17,747	10,327	7,420	9,998
Under 1 year	3,716	2,195	1,521	3,566	2,072	1,494	1,938	1,139	799	1,493
1– 4 years	2,704	1,513	1,191	2,533	1,382	1,151	1,997	1,075	922	997
5– 9 years	1,036	577	459	774	429	345	787	430	357	329
10–14 years	508	295	213	421	238	183	362	206	156	232
15–19 years	710	511	199	583	373	210	407	271	136	287
20–24 years	980	736	244	686	470	216	494	321	173	419
25–29 years	1,055	784	271	750	505	245	593	424	169	493
30–34 years	1,145	838	307	783	516	267	530	366	164	447
35–39 years	1,222	848	374	857	557	300	576	382	194	479
40–44 years	1,105	794	311	867	531	336	545	371	174	394
45–49 years	1,408	989	419	1,012	674	338	691	463	228	440
50–54 years	1,627	1,095	532	1,229	744	485	802	514	288	463
55–59 years	1,657	1,069	588	1,347	827	520	814	529	285	520
60–64 years	1,821	1,134	687	1,606	939	667	1,086	632	454	539
65–69 years	2,135	1,246	889	1,713	956	757	1,177	680	497	521
70 years & over	10,032	5,174	4,858	8,653	4,264	4,389	4,947	2,523	2,424	1,945
Not stated	5	5	-	-	-	-	1	1	-	-

Source: National Statistics Office.

BY AGE, SEX AND BY REGION: 1989

Region 1		Region 2			Region 3			Region 4			Region 5		
Male	emale	Both Sexes	Male	emale	Both Sexes	Male	Female	Both Sexes	Male	emale	Both Sexes	Male	emale
14,024	11,088	13,154	7,878	5,276	31,730	18,351	13,379	47,058	27,688	19,370	25,639	14,759	10,880
1,768	1,287	2,132	1,252	880	3,854	2,218	1,636	6,249	3,586	2,663	3,330	1,913	1,417
883	778	1,182	634	548	2,084	1,126	958	4,834	2,586	2,248	3,769	1,946	1,823
313	251	378	232	146	815	449	366	1,547	855	692	1,090	589	501
216	153	254	146	108	470	258	212	792	449	343	528	288	240
278	166	325	202	123	647	434	213	1,020	612	408	620	372	248
392	194	413	276	137	927	646	281	1,421	996	425	708	467	241
413	182	449	318	131	1,026	673	353	1,543	1,090	453	753	469	284
427	208	423	295	128	1,025	693	332	1,602	1,091	511	694	435	259
522	256	504	358	146	1,122	748	374	1,722	1,165	557	732	461	271
569	256	448	316	132	1,088	715	373	1,639	1,123	516	732	501	231
586	273	493	341	152	1,321	832	489	1,782	1,244	538	883	596	287
630	381	653	425	228	1,584	988	596	2,180	1,468	712	1,037	685	352
697	383	629	391	238	1,721	1,123	598	2,306	1,553	753	1,010	671	339
862	489	724	487	237	1,957	1,219	738	2,600	1,712	888	1,333	872	461
1,058	653	770	475	295	2,142	1,266	876	2,942	1,745	1,197	1,400	886	514
4,409	5,178	3,374	1,727	1,647	9,945	4,962	4,983	12,878	6,412	6,466	7,015	3,605	3,410
1	-	3	3	-	2	1	1	1	1	-	5	3	2

Region 9		Region 10			Region 11			Region 12		
Male	emale	Both Sexes	Male	emale	Both Sexes	Male	Female	Both Sexes	Male	emale
6,276	3,722	15,620	9,553	6,067	17,613	10,951	6,662	7,010	4,442	2,568
846	647	2,227	1,325	902	2,098	1,217	881	922	522	400
507	490	1,282	696	586	1,727	944	783	754	408	346
176	153	585	339	246	597	350	247	236	138	98
131	101	327	191	136	398	223	175	144	81	63
191	96	459	322	137	505	332	173	196	134	62
320	99	628	434	194	712	502	210	302	228	74
376	117	667	486	181	812	609	203	325	245	80
339	108	538	366	172	729	514	215	343	257	86
350	129	623	439	184	767	511	256	334	257	77
281	113	530	381	149	714	494	220	292	228	64
309	131	611	402	209	806	552	254	324	233	91
328	135	819	529	290	946	646	300	358	256	102
362	158	803	542	261	916	638	278	335	226	109
350	189	928	576	352	1,033	649	384	425	272	153
330	191	917	543	374	1,025	620	405	392	242	150
1,080	865	3,674	1,981	1,693	3,828	2,150	1,678	1,328	715	613
-	-	2	1	1	-	-	-	-	-	-

Table 9.6 – MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES AND PERCENT OF TOTAL DEATHS, PHILIPPINES: 1984 TO 1988 and 1989
(Crude death rate per 100,000 population)

Cause	5 - Year Average (1984 - 1988)			1989		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	49,925	89.2	15.3	46,268	77.0	14.2
2. Diseases of the heart	37,232	66.5	11.4	44,856	74.6	13.8
3. Tuberculosis, all forms	29,194	52.1	8.9	26,300	43.8	8.1
4. Diseases of the vascular system	29,020	51.8	8.9	33,694	56.1	10.3
5. Malignant neoplasms	19,158	34.2	5.9	21,933	36.5	6.7
6. Diarrheas	11,002	19.7	3.4	8,126	13.5	2.5
7. Accidents	10,790	13.3	3.3	11,753	19.6	3.6
8. Septicemia	4,402	7.9	1.3	4,934	8.2	1.5
9. Measles	8,497	15.2	2.6	6,734	11.2	2.1
10. Nephritis, nephrotic syndrome and neprosis	4,260	7.6	1.3	5,110	8.5	1.6

Source: Health Intelligence Services, Department of Health

Fig. 9.2 Number of Livebirths and Deaths, by Region, 1989

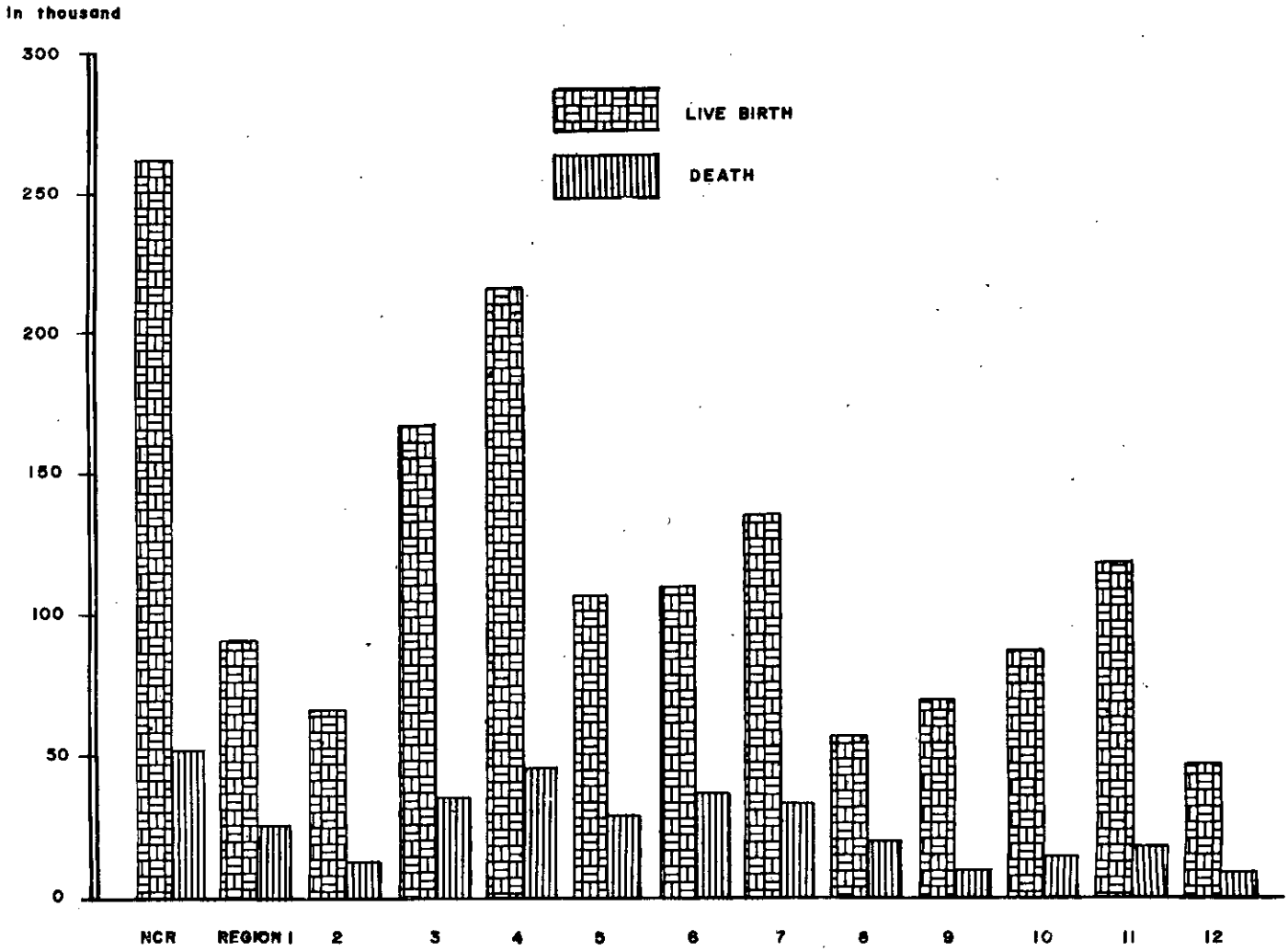


Table 9.7 – NUMBER OF REGISTERED INFANT MORTALITY

(Rate per

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	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

a Included in Region 4.

b Including Metropolitan Manila Area (National Capital Region).

Source: National Statistics Office.

UNDER AGE ONE YEAR BY REGION: 1950 to 1989
1,000 livebirths)

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	97.3
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

Table 9.8 – INFANT MORTALITY: TEN LEADING CAUSES, NUMBER AND RATE PER 1,000 LIVE BIRTHS AND PERCENT OF INFANT DEATHS, PHILIPPINES: 1984 to 1989

Cause	5 - Year Average (1984-1988)			1989		
	Number	Rate	Percent of Infant Deaths to Total Deaths	Number	Rate	Percent of Infant Deaths to Total Deaths
1. Pneumonias	13,898	9.2	26.6	11,173	7.1	26.0
2. Respiratory conditions of fetus and newborn	5,731	3.8	10.9	6,278	4.0	14.6
3. Diarrhea	3,569	2.4	6.8	2,150	1.4	5.0
4. Congenital Anomalies	2,304	1.5	4.4	2,100	1.3	4.9
5. Avitaminoses and other nutritional deficiency	2,146	1.4	4.1	1,346	0.9	3.1
6. Measles	1,737	1.1	3.3	1,256	0.8	2.9
7. Birth injury and difficult labor	1,422	0.9	2.7	1,222	0.8	2.8
8. Acute bronchitis and bronchiolitis	819	0.5	1.6	449	0.3	1.0
9. Septicemia	1,111	0.7	2.1	1,193	0.8	2.8
10. Meningitis	652	0.4	1.2	566	0.4	1.3

Source: Health Intelligence Service, Department of Health.

Table 9.9 – MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES, PHILIPPINES: 1984 to 1989 (Rate per 100,000 population)

Cause	5-Year Average (1984-1988)		1989	
	Number	Rate	Number	Rate
1. Bronchitis	639,729	1,142.6	893,550	1,486.8
2. Diarrhea	574,854	1,026.7	741,733	1,234.2
3. Influenza	474,151	846.8	773,802	1,287.5
4. Pneumonias	194,847	348.0	232,056	386.1
5. Tuberculosis, all forms	161,482	288.0	210,272	349.9
6. Malaria	117,878	210.5	125,114	208.2
7. Accidents	102,491	183.0	150,257	250.0
8. Measles	70,064	125.1	68,496	114.0
9. Malignant neoplasms	26,316	47.0	33,777	56.2
10. Diseases of the heart	78,957	141.0	98,813	164.4

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 PHILIPPINES:

Notifiable Diseases	1982		1983		1984	
	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Death
Cholera	472	163	988	43	982	43
Typhoid & Paratyphoid fever and other salmonella infections	5,420	697	13,148	522	13,148	522
Diarrheas	230,553	15,090	512,042	14,776	512,042	7,847
Tuberculosis	93,157	28,580	142,569	28,161	142,569	15,448
Leprosy	1,058	89	1,827	53	1,827	53
Diphtheria	1,812	491	2,995	260	2,995	260
Whooping Cough	14,241	72	19,869	281	19,869	281
Tetanus	2,673	941	3,092	1,044	3,092	1,044
Acute Poliomyelitis	355	94	740	81	740	81
Varicella	1,665	15	4,786	19	4,786	19
Measles	37,307	9,286	67,285	5,221	67,285	2,598
H-Fever	1,684	305	2,545	89	2,545	89
Infectious Hepatitis	9,183	653	15,080	658	15,080	658
Malaria	45,716	1,086	110,307	651	110,307	651
Syphilis	102	16	72	14	72	14
Gonococcal Infections	11,933	5	13,575	0	13,575	12
Schistosomiasis	3,319	452	6,411	108	6,411	108
Filariasis	74	5	431	30	431	30
Malignant Neoplasms	25,838	17,997	26,905	16,090	8,402	5,368
Bronchitis	300,286	2,052	552,959	3,618	552,958	3,618
Pneumonias	123,420	48,650	179,587	47,513	179,587	30,141
Influenza	232,768	1,215	416,634	8,935	416,634	8,935
Accidents	0	0	83,407	8,946	83,407	1,153
Diseases of the Heart	0	0	8,477	2,501	39,383	11,501

Source: Health Intelligence Service, Department of Health.

AND DEATHS BY CAUSE
1982 TO 1989

1985		1986		1987		1988		1989	
Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths
10	1	0	0	0	0	0	0	0	0
15,706	1,071	13,764	1,024	15,290	1,121	15,830	1,356	17,794	1,233
522,762	11,516	538,849	9,815	591,858	9,468	624,355	9,155	741,733	6,893
153,406	31,650	153,129	30,604	163,740	28,697	183,113	27,020	206,508	26,300
2,090	124	1,815	81	1,766	63	1,661	86	4,228	95
1,669	316	1,630	261	1,443	245	1,202	186	1,297	117
19,628	45	16,139	28	8,856	26	7,814	14	9,466	12
3,474	1,033	3,381	1,034	2,910	1,026	3,199	1,069	3,102	1,040
557	61	375	45	327	43	344	40	335	32
3,844	10	3,121	4	6,336	15	6,767	12	16,931	23
62,959	8,043	59,375	6,249	81,896	12,431	70,801	7,775	68,496	6,734
2,096	210	1,623	191	1,696	243	2,821	300	2,240	199
16,022	607	14,523	728	16,084	817	16,125	825	14,761	850
121,975	1,166	124,153	1,156	121,097	1,226	114,679	1,176	125,114	989
91	9	69	8	62	9	99	9	99	9
15,329	0	11,731	0	11,361	0	8,342	0	8,635	0
9,764	416	11,074	281	13,892	288	12,273	301	25,699	273
259	2	300	1	354	0	290	0	188	1
24,270	18,143	26,985	18,395	27,195	20,367	28,940	21,184	33,777	21,933
586,427	2,078	602,851	1,812	642,777	1,814	759,511	1,438	893,550	1,105
205,387	52,888	190,208	50,621	183,143	52,700	201,902	47,444	232,056	46,268
447,550	1,400	397,715	1,221	495,161	1,151	576,404	791	773,802	770
96,684	10,070	105,886	10,348	114,445	11,630	110,805	11,456	150,257	11,753
70,238	36,242	78,516	39,163	79,214	38,840	76,221	40,566	98,813	44,856

Table 9.12 – MODERATE ESTIMATES OF VITAL
(Series 2 – Moderate Fertility and

Year	Philippines	Metropolitan Manila Area	1	2	3	4
Births						
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
Deaths						
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
Total Fertility Rate						
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.

STATISTICS FOR THE PHILIPPINES: 1980 TO 2030
Moderate Mortality Decline)

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 – MODERATE ESTIMATES OF VITAL
(Series 2 – Moderate Fertility and

Year	Philippines	Metropolitan Manila Area	1	2	3	4
Net Reproduction Rate						
1980	1.98831	1.35916	2.03541	2.10570	1.89417	2.04848
1985	1.84141	1.26395	1.88291	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
Crude Birth Rate						
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
Crude Death Rate						
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

STATISTICS FOR THE PHILIPPINES: 1980 TO 2030 (continued)
Moderate Mortality Decline)

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
(Grams

Year	All types	Cereals & cereal products	Roots and tubers	Sugar and syrup	Pulses and nuts	Vege-tables
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 r	1,032.6	335.9	62.1	26.1	9.5	100.5
1987 r	1,052.8	338.7	70.9	48.0	26.3	91.5
1988 r	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

Source: Economic and Social Statistics Office, National Statistical Coordination Board.

FOOD SUPPLY, PHILIPPINES: 1955 to 1989
per day)

Fruits	Meat products	Milk and milk products	Eggs	Fish & other marine products	Fats and oils	Miscel-laneous
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

Table 9.14 – CALORIE AND NUTRIENT VALUES OF DAILY PER CAPITA AVAILABLE FOOD SUPPLY, PHILIPPINES: 1955 to 1989

Year	Grams per day		Calories per day		Protein (Grams per day)		Fats (Grams per day)
	Value	Percent of suffi-ciency	Value	Percent of suffi-ciency	Value	Percent of suffi-ciency	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 1991

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	14.2
1991	1,663	562	1,101	81,647	46,338	35,309	13.0

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

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

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

Source: 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 and 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: 1990 TO 1991

Agency	1990			1991		
	New Acceptors	Continuous Users	Number of Outlets	New Acceptors	Continuous Users	Number of Outlets
Total	849,151	2,347,977	2,546	950,291	2,494,143	2,569
Family Planning Organization of the Philippines	77,800	148,180	26	55,279	96,122	26
Integrated Maternal & Child Care Services & Development, Inc.	20,025	42,770	75	19,403	42,363	71
Christian, Medical, Dental and Paramedical Association	8,819	27,420	1	9,077	21,308	4
Institute of Maternal and Child Health	48,727	342,182	175	42,093	336,815	167
TULUNGAN – Malacañang Clinic	5,544	383,237	7	7,745	411,119	7
Reproductive Health Care Center, UP-PGH	1,599	12,787	1	1,067	13,692	1
Philippine Center for Population and Development	–	–	21	285	1,544	29
Philippine Federation for Natural Family Planning	–	–	–	1,834	3,462	17
Family Planning, AFP, DND	2,948	22,257	25	2,841	18,176	25
Labor Population Program Office, DOLE	–	–	–	–	–	–
Comprehensive Family Planning Center, Jose Fabella Memorial Hospital	–	–	–	5,369	10,796	1
Fertility Care Center, Mary Johnston Hospital	963	1,235	1	996	1,339	1
Family Planning Service, DOH	682,726	1,367,909	2,214	804,302	1,537,407	2,220

Source: Technical Secretariat, Department of Health.

Table 9.19 – NUMBER OF HOSPITALS BY TYPE, BY REGION: 1970 to 1991

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

Notes: 1. For 1970 – 1972, and 1974, Region IV data include NCR.
2. No regional data for 1978.

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 1991

	Philippines	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	1408	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

Table 9.20 – NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS AND OTHER MEDICAL PRACTITIONERS BY REGION: 1981 to 1991 (continued)

	Philippines	CAR	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
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
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

Source: Department of Health, Personnel Division.

Table 9.21 – NUMBER OF BARANGAY HEALTH STATIONS 1981 TO 1991

Year	Philippines	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
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

Source : Department of Health, Internal Planning Service.

Table 9.22 – NUMBER OF RURAL HEALTH UNITS 1981 TO 1991

Year	Philippines	NCR	CAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
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

Source : Department of Health, Internal Planning Service.

Table 9.23 – NUMBER OF ESTABLISHMENTS INVOLVED

	Total	NCR	CAR	I	II	III
1989	4,109	3,363		28	34	39
1. Drug Manufacturer	210	187		-	-	-
2. Cosmentic Laboratory	130	125		-	-	-
3. Drug Trader	287	278		-	-	4
4. Cosmetic Trader	11	11		-	-	-
5. Food Establishment	3,357	2,704		28	34	35
6. Household/Hazardous	114	58		-	-	-
7. Drug Distributor/Importer/ Exporter/Wholesaler	0	-		-	-	-
8. Medical Device Distributor Import/Exporter/Wholesaler	0	-		-	-	-
9. Cosmetic Distributor/Importer Exporter/Wholesaler	0	-		-	-	-
1990	12,987	4,589	4	557	478	1,032
1. Drug Manufacturer	280	179	0	2	2	23
2. Cosmentic 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
1991	13,613	4,647	7	579	482	1,066
1. Drug Manufacturer	274	172	0	2	2	24
2. Cosmentic Laboratory	213	173	0	1	0	14
3. Drug Trader	407	383	0	1	0	5
4. Cosmetic Trader	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

Source: Bureau of Food and Drug Administration.

IN FOOD AND DRUG PRODUCTION BY REGION: 1989 TO 1991

IV	V	VI	VII	VIII	IX	X	XI	XII
287	43	23	72	34	91	22	57	16
11	1	-	7	2	-	2	-	-
4	-	-	1	-	-	-	-	-
2	1	-	1	-	-	-	1	-
-	-	-	-	-	-	-	-	-
265	41	23	61	32	42	20	56	16
5	-	-	2	-	49	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
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

Table 9.24 – NUMBER OF ESTABLISHMENTS INVOLVED BY REGION

Classification	Total	NCR	CAR	I	II	III	IV
1988	10,530	2,768	0	531	502	915	1,043
Retail Drugstores	6,616	1,446	-	411	300	710	418
Drug Distributors Cosmetics and Medical Device	548	253	-	2	7	46	27
Hospital Pharmacies	909	84	-	64	52	106	134
Chinese Drugstores	35	25	-	0	0	0	0
Exporters							
Food Importers	242	230	-	2	0	0	2
Household Hazardous	2,180	730	-	52	143	53	462
1989	12,400	3,403	0	621	541	918	1,831
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
1990	9,091	2,646	0	577	330	865	392
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	-	-	-	-	-	-
1991	10,494	2,718	99	465	321	863	1,419
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	-	-	-	-	-	-

Source: Bureau of Food and Drug Administration.

IN THE DISTRIBUTION OF FOOD AND DRUGS
1988 TO 1991

V	VI	VII	VIII	IX	X	XI	XII
417	930	691	355	551	562	707	558
300	785	530	254	241	411	446	364
12	32	52	11	21	38	28	19
48	78	82	49	35	67	69	41
1	3	2	0	0	0	1	3
2	1	3	0	1	0	0	1
54	31	22	41	253	46	163	130
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
-	-	-	-	-	-	-	-

Fig. 9.3 Number of Hospitals by Type, by Region, 1991

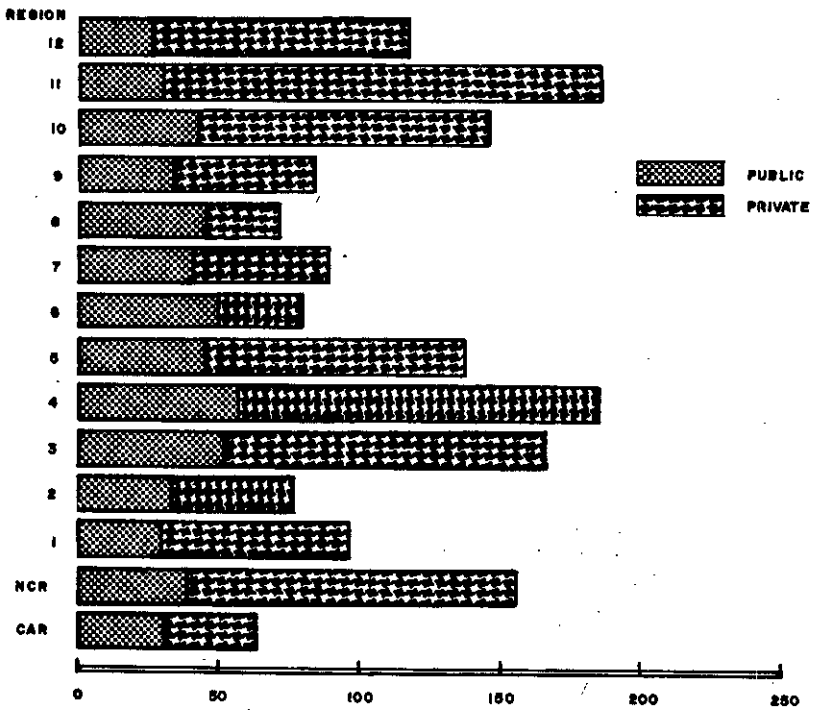
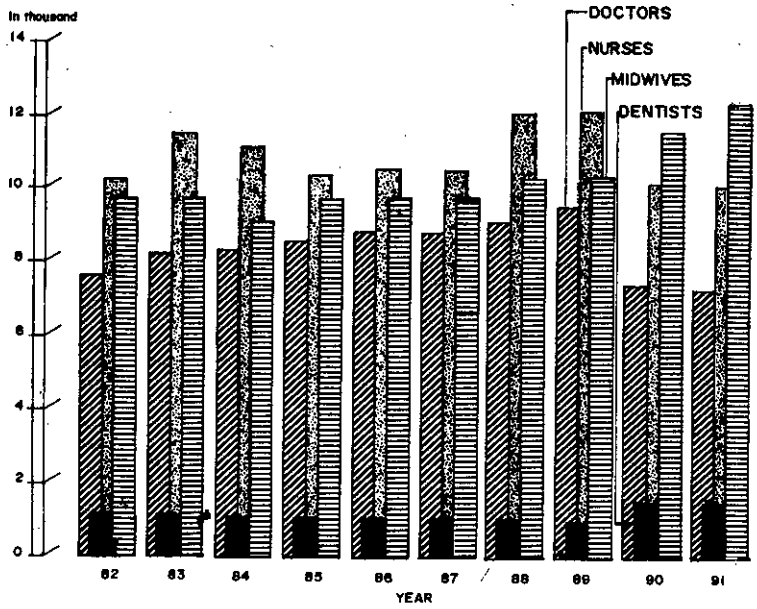


Fig. 9.4 Number of Government Doctors, Nurses, Dentists, and Other Medical Practitioners, 1982 to 1991



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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Fig. 10.1 Pre-School, Elementary and Secondary Enrolment in Government and Private Schools: SY 1981-82 to 1990-91

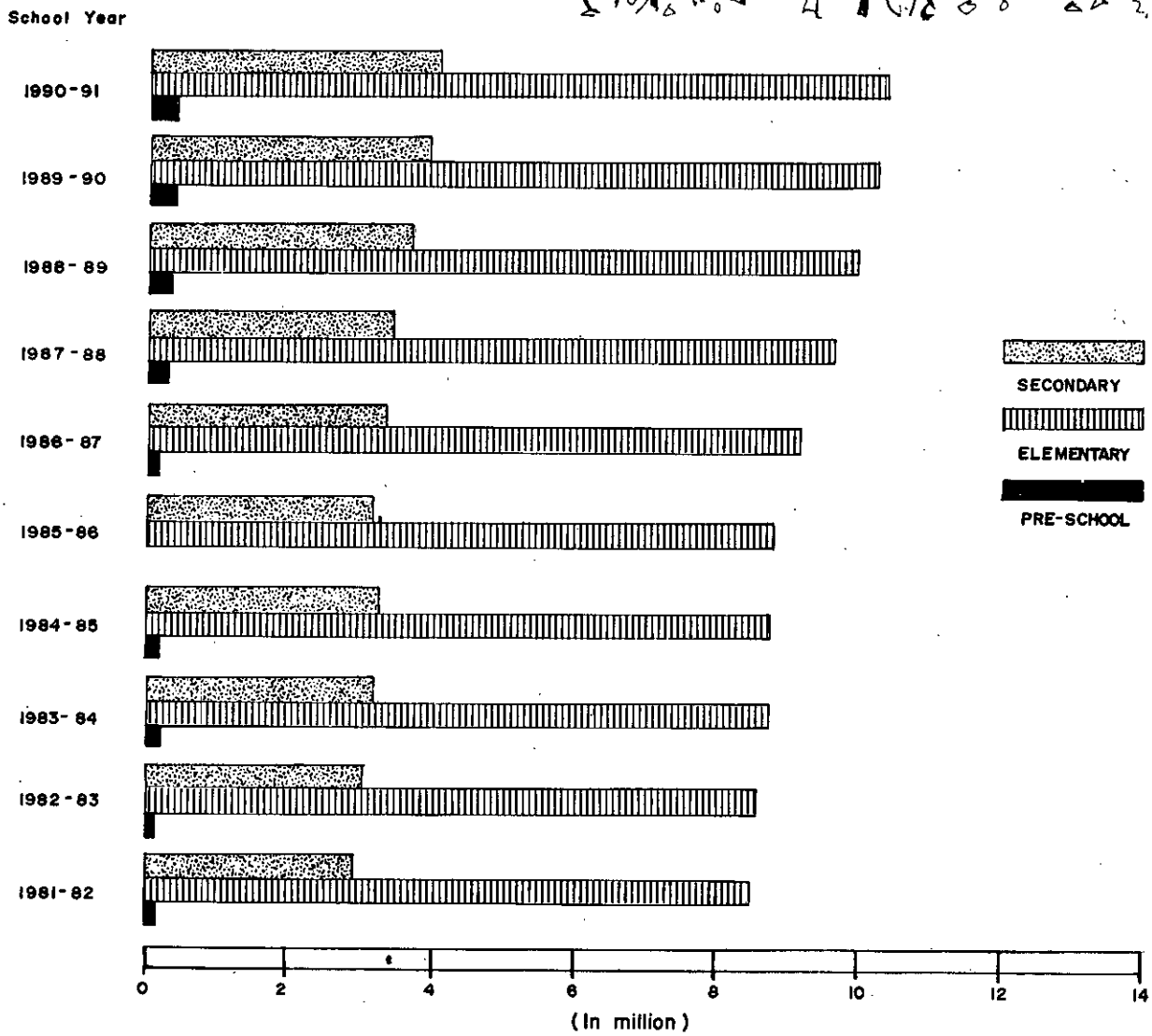


Table 10.1 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

School year	Pre-School			Elementary		
	Total	Government	Private [1]	Total	Government	Private [2]
1960-61	–	–	–	30,830	29,590	1,240
1961-62	255	12	243	31,810	30,496	1,314
1962-63	264	12	252	33,018	31,676	1,342
1963-64	286	12	274	35,605	34,159	1,446
1964-65	307	8	299	12,060	10,569	1,491
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

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.

BY LEVEL OF EDUCATION: SY 1960–61 to 1991–92

Secondary			Tertiary		
Total	Government 3	Private 4	Total	Government	Private
1,642	402	1,240	393	54	339
1,822	428	1,394	414	59	355
1,662	265	1,397	410	21	389
1,721	257	1,464	511	77	434
2,062	521	1,541	501	38	463
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	–	–	–

Table 10.2 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

Level of Education	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4	Region 5
SY 1989–1990							
Pre-School	3,407	627	368	106	446	812	224
Government	2,273	292 *	323	73 *	258 *	530 *	221
Private	1,134	335	45 *	33 *	188 *	282 *	3
Elementary	34,397	801	2,277	1,824	2,618	4,158	2,879
Government	32,929	462	2,198	1,767	2,448	3,897	2,806
Private 1/	1,468	339	79	57	170	261	73
Secondary	5,353	355	523	220	462	801	458
Government 2	3,275	105	360	127	266	467	312
Private 3/	2,078	250	163	93	196	334	146
Tertiary	772	135	44	25	63	100	72
Government	169	12	10	8	14	22	14
Private	603	123	34	17	49	78	58
SY 1990–1991							
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
SY 1991–1992							
Pre-School	–	–	–	–	–	–	–
Government	–	–	–	–	–	–	–
Private	–	–	–	–	–	–	–
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
Higher Education	772	135	43	25	63	97	72
Government	173	12	9	8	14	22	14
Private	599	123	34	17	49	75	58
Technical and Vocational Education	1,243	202	73	68	107	157	114
Government	366	2	17	37	21	35	25
Private	877	– 200	– 56	31	86	122	89

* SY 1989–90 data. These schools are only those which are attached to an elementary and/or secondary schools.
1/ Includes schools attached to secondary and tertiary institutions.
2/ Includes schools attached to state colleges and universities and other tertiary institutions.
3/ Includes schools attached to tertiary institutions.
Source: Department of Education, Culture and Sports.

BY LEVEL OF EDUCATION AND BY REGION: SY 1989–90 to 1991–92

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
86	151	86	39	81	151	191	39
68 *	87 *	68 *	16 *	36 *	110 *	180 *	11
18 *	64	18 *	23	45	41 *	11 *	28
3,168	2,666	3,168	2,486	2,533	2,389	2,240	1,190
3,145	2,591	3,145	2,444	2,443	2,246	2,194	1,143
23	75	23	42	90	143	46	47
356	375	356	246	393	358	274	176
283	206	283	175	232	194	168	97
73	169	73	71	161	164	106	79
33	57	33	33	51	60	49	17
20	9	20	8	10	7	9	6
13	48	13	25	41	53	40	11
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
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
3,061	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
34	57	34	33	52	60	50	17
21	9	21	8	11	8	10	6
13	48	13	25	41	52	40	11
79	55	79	49	92	82	47	39
65	11	65	20	20	21	10	17
14	44	14	29	72	61	37	22

Table 10.3 – NUMBER OF PRE-SCHOOL, ELEMENTARY AND SECONDARY

Level of Education	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4	Region 5
Pre-School							
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
Elementary							
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	261,860	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
Secondary							
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

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.

TEACHERS IN GOVERNMENT SCHOOLS BY REGION: SY 1980–81 to 1990–91

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 1991-1992

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

Source: Department of Education, Culture and Sports.

Table 10.5 – NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED TO REGION, 1983 to 1991

Region	1983	1984	1985	1986	1987	1988	1989	1990	1991 P
Philippines	7,423,851	2,109,725	5,426,279	3,239,896	17,521,339	12,239,802	13,909,675	6,854,482	7,097,856
NCR	631,672	169,508	297,105	381,799	1,254,195	1,151,710	1,031,700	495,864	513,470
CAR						203,770	303,143	211,712	219,229
I	664,136	89,833	362,476	289,260	1,198,379	863,545	843,431	401,939	416,210
II	239,413	201,073	136,176	311,726	858,920	423,213	607,860	265,418	274,842
III	646,391	227,834	480,896	385,740	1,788,662	1,282,968	1,087,058	631,228	653,640
IV	1,080,207	226,671	595,229	570,820	2,447,142	1,774,483	1,428,244	927,571	960,505
V	651,236	159,702	512,380	224,190	1,199,754	1,042,810	1,290,280	579,571	600,149
VI	706,311	210,307	683,729	194,670	1,745,012	1,341,290	1,341,440	564,070	584,098
VII	592,192	217,979	511,368	106,230	1,418,828	775,350	1,142,577	527,690	546,426
VIII	434,815	102,286	456,031	87,391	956,933	545,581	1,517,819	365,150	378,115
IX	382,078	113,780	343,069	142,500	1,057,945	571,880	833,418	341,040	353,149
X	434,114	149,082	404,208	88,950	1,603,686	696,070	894,420	577,010	597,497
XI	510,223	125,520	397,900	215,730	1,054,278	889,060	753,500	499,429	517,162
XII	451,063	116,150	245,712	240,890	937,605	678,072	834,785	466,790	483,364

P Preliminary (as of January 1991).

Source of data: DECS, Warehousing and Distribution Section, Instructional Materials Corp.

Table 10.6 – TERTIARY ENROLMENT IN GOVERNMENT AND SCHOOL YEAR 1988 – 1989

Field of study	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3
1988 – 1989	1,308,000	495,889	99,736	34,252	97,788
Arts and Sciences	191,772	86,069	12,471	5,039	8,850
Teacher Training & Education	185,649	24,073	18,592	9,072	23,206
Engineering and Technology	281,513	123,278	19,002	4,808	20,707
Medical and Health Related Program	160,391	77,687	18,022	777	6,840
Commerce/Business Management	421,385	169,754	25,963	12,039	32,680
Agriculture, Forestry, Fish and Veterinary Medicine	39,866	1,341	3,185	2,517	5,189
Law	25,838	12,499	2,501	0	316
Religion/Theology	1,586	1,188	0	0	0
1989 – 1990	1,225,315	359,663	39,865	69,146	40,175
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 Program	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	–	–
1990 – 1991	1,347,715	395,629	43,852	76,060	44,192
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 Program	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	–	–
1991 – 1992 P	1,656,815	571,306	82,885	34,300	105,265
Arts and Sciences	254,549	113,876	11,864	3,320	15,090
Teacher Training & Education	285,111	37,349	9,817	8,082	32,795
Engineering and Technology	330,821	138,778	23,632	5,883	14,449
Medical and Health Related Programs	222,019	99,284	19,616	5,862	2,187
Commerce/Business Management	482,714	172,716	13,785	9,669	32,171
Agriculture, Forestry, Fishery and Veterinary Medicine	55,621	1,604	2,812	462	8,573
Law	24,027	7,464	616	1,022	0
Religion/Theology	1,953	234	743	0	0

P Preliminary.

Source: Bureau of Higher Education, Department of Education, Culture and Sports.

PRIVATE SCHOOLS BY FIELD OF STUDY AND BY REGION: TO 1991 – 1992

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
81,523	61,657	109,792	100,241	30,470	41,280	57,009	57,611	40,752	–
11,881	9,574	12,348	12,385	3,488	6,728	8,042	8,528	6,369	–
15,859	13,797	16,646	12,715	10,077	9,211	11,992	10,619	9,790	–
10,692	10,038	23,918	29,813	4,483	5,364	12,171	10,664	6,575	–
8,678	6,512	12,986	10,322	589	3,807	4,289	6,885	2,997	–
28,445	18,182	36,061	30,940	8,247	11,523	17,070	18,351	12,130	–
5,369	2,007	5,716	1,682	3,041	3,367	2,661	1,517	2,274	–
596	1,547	2,028	2,289	545	1,280	784	914	539	–
3	0	89	95	0	0	0	133	78	–
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
116,596	79,109	133,983	156,883	42,150	54,313	84,638	90,291	56,045	49,051
12,387	11,396	16,783	13,411	4,418	6,316	19,211	10,362	9,233	6,883
25,414	18,874	32,034	30,849	8,534	14,504	20,435	22,456	11,408	12,560
21,353	14,361	20,001	34,304	13,057	6,700	8,016	18,406	5,738	6,143
7,734	6,852	21,423	19,022	5,827	2,544	11,718	6,852	8,458	4,641
44,272	23,904	32,724	49,569	8,340	17,323	17,476	25,816	19,568	15,380
4,823	3,268	8,283	6,144	1,103	4,492	5,608	4,603	1,300	2,546
469	239	2,736	3,583	819	2,309	2,173	1,796	37	763
144	217	0	0	52	125	0	0	303	136

Table 10.7 – TERTIARY GRADUATES BY PROGRAM, BY REGION,

Program	Philippines	Metropolitan Manila Area (NCR)	CAR	Region 1	Region 2	Region 3
1988 – 1989	227,118	66,466	4,127	15,572	6,347	18,127
Arts and Sciences	30,700	13,397	709	930	820	1,344
Teacher Training & Education	35,882	2,921	458	3,623	1,821	3,265
Engineering and Technology	33,409	9,319	886	2,296	654	2,291
Medical and Health Related Programs	35,629	15,476	968	3,090	116	3,808
Commerce/Business Management	81,575	23,910	936	4,925	2,434	6,773
Agriculture, Forestry, Fish and Veterinary Medicine	7,552	910	71	435	502	611
Law	2,158	513	34	273	0	35
Religion/Theology	213	20	65	0	0	0
1989 – 1990	249,488	73,114	4,539	17,130	6,983	19,938
Arts and Sciences	33,770	14,737	780	1,023	902	1,478
Teacher Training & Education	39,470	3,213	504	3,985	2,004	3,591
Engineering and Technology	36,420	10,251	974	2,526	719	2,519
Medical and Health Related Programs	39,195	17,024	1,065	3,399	128	4,189
Commerce/Business Management	89,731	26,301	1,029	5,418	2,678	7,450
Agriculture, Forestry, Fish and Veterinary Medicine	8,308	1,001	78	479	552	672
Law	2,359	565	37	300	–	39
Religion/Theology	235	22	72	–	–	–
1990 – 1991	221,047	65,044	4,040	15,155	6,212	17,736
Arts and Sciences	29,961	13,111	695	827	803	1,314
Teacher Training & Education	34,279	2,858	449	3,545	1,782	3,195
Engineering and Technology	32,402	9,119	867	2,247	640	2,241
Medical and Health Related Programs	34,868	15,146	948	3,023	114	3,726
Commerce/Business Management	79,827	23,397	915	4,820	2,382	6,627
Agriculture, Forestry, Fish and Veterinary Medicine	7,390	890	69	426	491	598
Law	2,111	503	33	267	–	35
Religion/Theology	209	20	64	–	–	–

Source: Bureau of Higher Education, Department of Education, Culture and Sports.

AND BY MAJOR CATEGORY: SY 1988–89 to SY 1990–91

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
17,684	12,352	18,100	15,897	6,943	6,427	20,014	11,543	7,519
2,284	2,187	1,538	1,191	178	853	2,771	1,462	1,036
3,808	2,522	3,140	2,347	1,550	1,483	4,476	2,723	1,745
2,049	1,648	3,700	3,843	763	982	2,881	1,183	914
1,491	1,823	1,723	3,202	341	837	796	1,155	803
7,391	3,502	7,158	4,566	2,952	1,746	8,362	4,510	2,410
651	542	533	378	928	412	596	490	493
10	128	308	310	193	114	132	7	101
0	0	0	60	38	0	0	13	17
19,453	13,786	19,912	17,360	7,550	7,070	21,684	12,697	8,272
2,512	2,406	1,692	1,311	195	938	3,048	1,608	1,140
4,189	2,775	3,453	2,582	1,705	1,631	4,924	2,995	1,919
2,254	1,813	4,070	4,228	840	1,081	2,839	1,301	1,005
1,641	2,005	1,896	3,522	375	921	876	1,270	884
8,130	3,852	7,874	5,022	3,247	1,921	9,197	4,961	2,651
716	596	586	416	1,021	453	655	540	543
11	339	341	213	125	125	145	8	111
–	–	–	66	42	–	–	14	19
17,304	11,252	17,712	15,558	6,795	6,292	19,292	11,295	7,360
2,234	2,140	1,505	1,166	174	835	2,712	1,431	1,014
3,726	1,633	3,073	2,298	1,517	1,451	4,380	2,664	1,708
2,006	1,613	3,620	3,762	748	961	2,525	1,158	895
1,459	1,784	1,686	3,134	333	820	780	1,129	786
7,233	3,427	7,005	4,468	2,888	1,709	8,183	4,414	2,359
637	530	522	369	909	404	583	479	483
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 1991

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	227,421,000	23,578,787	10.37
1990	255,780,000	28,177,760	11.02
1991	298,950,000	32,950,000	11.02

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

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

Board/Bar Examination	1978	1979	1980	1981	1982
TOTAL	45,202	42,653	38,373	42,366	41,597
Agriculture Engineer	214	305	192	370	446
Aeronautical Engineer	–	–	–	–	–
Architect	384	401	184	266	309
Bar	1,076	903	605	841	433
Certified Public Accountant	3,005	3,929	3,295	4,740	4,612
Chemical Engineer	743	809	588	690	1,052
Chemist	307	291	168	196	212
Civil Engineer	1,947	1,664	2,028	3,183	4,628
Criminology	–	–	–	–	–
Customs Broker	392	216	–	179	–
Deck Officer (all grades)	3,427	3,248	2,841	4,009	4,828
Dentist	501	529	814	834	1,102
Dietician/Nutritionist	886	671	541	675	555
Electrical Engineer (all grades)	1,934	1,941	1,710	2,100	2,109
Electronics and Communication Engineer	135	115	–	113	157
Engine Officer (all grades)	3,913	2,740	2,492	3,397	3,831
Forester	235	185	185	169	229
Geodetic Engineer	90	136	150	297	287
Geologist	73	96	52	64	92
Interior Design	–	–	–	–	–
Landscape Architecture	–	–	–	–	–
Master Plumber	63	90	50	69	58
Mechanical Engineer	2,718	2,379	2,031	2,621	2,621
Medicine (with Prelims)	1,307	1,272	1,273	1,222	1,689
Medical Technology	1,280	1,178	–	855	673
Metallurgical Engineer	–	–	–	8	17
Midwife	4,804	4,515	3,199	3,783	2,447
Mining Engineer	110	138	113	105	84
Naval Architect	11	15	2	6	10
Nurse	14,112	13,314	13,988	9,633	7,416
Optometry	230	188	246	227	227
Pharmacy	571	553	595	605	570
Physical Therapy/Occupational Therapy	66	88	10	83	117
Sanitary Engineer	40	56	64	95	60
Social Worker	528	596	826	735	570
Sugar Technology	–	–	–	–	17
Veterinarian	100	92	131	196	139

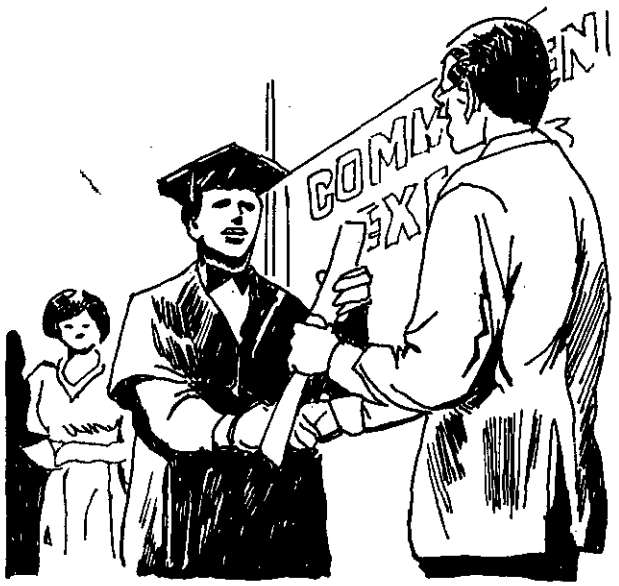
* includes those who passed in Manila, Cebu, Davao and Iloilo.

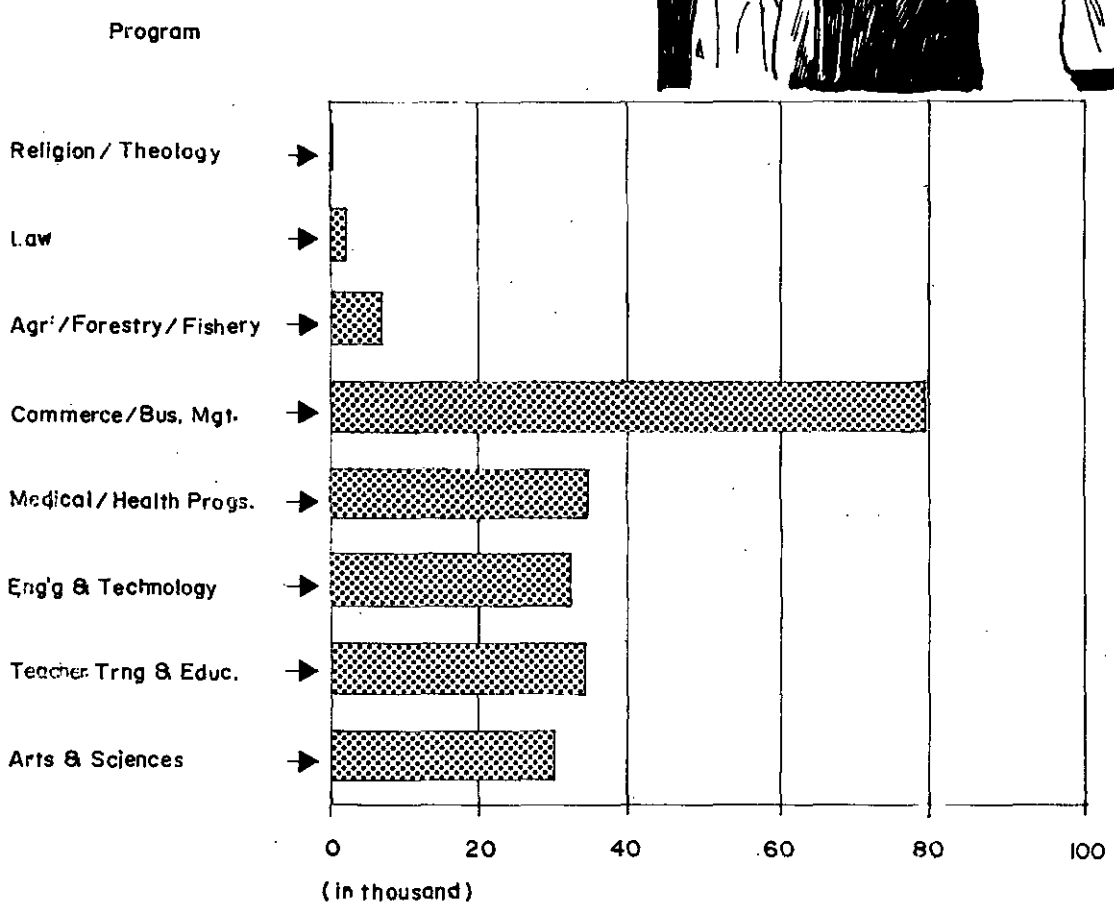
Sources: Professional Regulation Commission, Supreme Court of the Philippines.

PASSED THE BOARD/BAR EXAMINATIONS: 1978 to 1991

1983	1984	1985	1986	1987	1988	1989	1990	1991
39,663	40,622	39,331	36,457	31,626	35,918	38,619	46,729	41,923
429	318	136	102	88	82	77	102	95
38	26	21	27	45	18	–	33	12
448	451	623	684	364	371	369	317	406
523	563	701	491	480	689	639	866	–
5,188	5,407	4,485	4,243	3,850	3,373	3,198	1,905	1,612
1,089	1,216	911	981	692	377	432	462	736
263	241	205	120	44	114	86	88	63
4,554	5,680	5,575	3,936	2,675	2,119	2,604	2,976	1,588
–	–	–	–	–	302	150	–	–
239	–	192	–	144	–	–	156	–
4,847	4,681	4,046	2,116	1,271	1,242	1,507	4,088	5,768
1,320	1,468	1,566	1,634	950	2,183	1,225	2,028	1,986
510	390	330	338	290	365	306	205	265
1,934	2,661	2,818	2,575	2,619	2,574	2,261	3,205	1,196
209	443	403	783	802	903	1,010	1,110	243
3,989	4,085	4,064	2,238	1,309	840	842	1,573	–
293	240	286	284	85	172	55	64	45
238	378	354	355	233	347	231	322	85
55	58	74	53	39	36	15	26	10
11	41	32	45	39	34	36	48	–
–	4	5	6	0	0	7	2	4
90	55	71	29	20	14	47	43	23
2,617	2,479	2,100	2,363	2,546	2,406	1,019	3,921	381
1,655	1,541	1,895	3,621	1,897	2,818	2,537	2,200	2,440
842	1,034	1,017	1,373	1,407	1,911	2,336	1,564	–
10	17	17	11	23	17	12	10	13
2,588	2,135	2,475	2,486	3,629	4,273	6,352	8,047	6,700
101	88	73	88	77	50	51	25	43
37	44	23	29	11	18	8	2	2
3,853	2,977	3,094	3,773	4,452	6,351	9,138	9,101	16,334
265	324	265	226	251	227	315	281	302
605	680	476	608	506	864	813	1,093	860
94	154	171	189	156	157	259	228	221
50	107	115	85	51	91	111	101	111
472	434	425	307	246	275	254	339	211
9	–	–	–	–	–	–	1	–
198	202	287	258	335	305	317	197	168

Fig. 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 oppurtunities 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 sectos 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 NSO 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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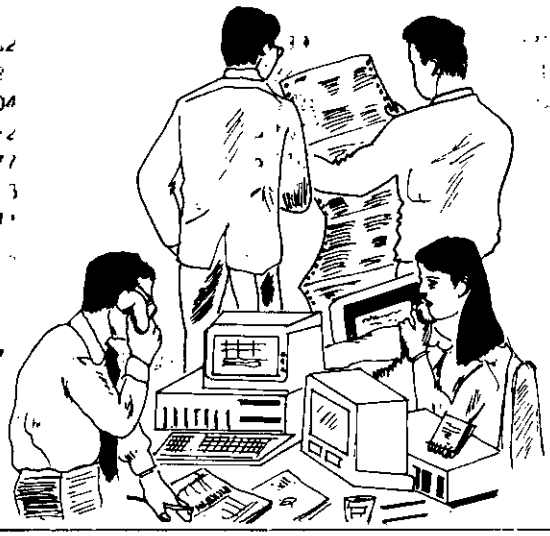
Fig. 11.1 Employment Rate, Philippines, 1982 to 1991

Decided/	Archived	to other Sala/Courts
	35,502	
	25,92	
	5,504	
	3,722	
	1,477	



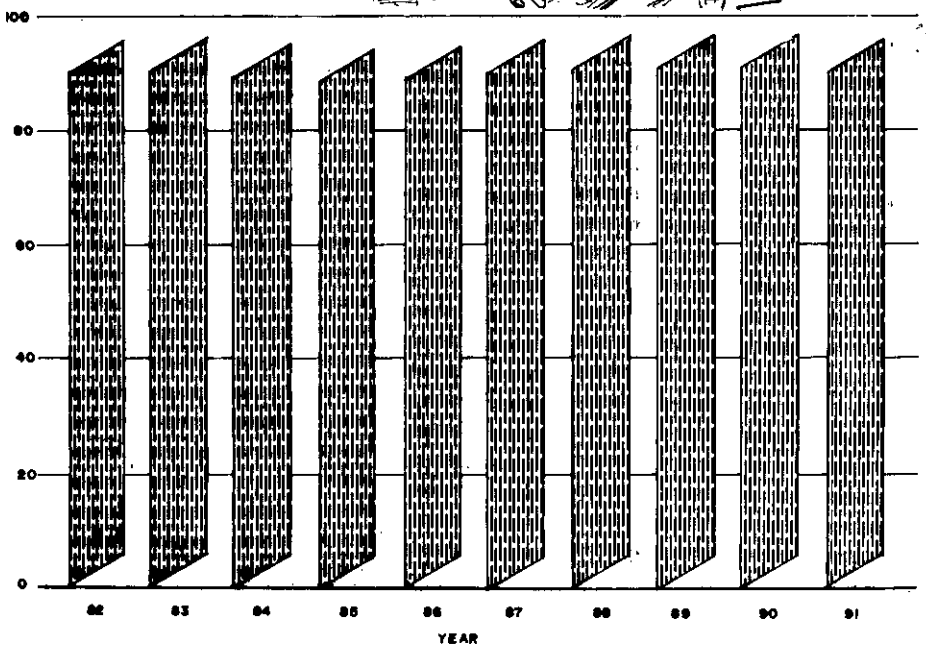


Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND OCTOBER

		Philippines	National Capital Region	Cordillera Administrative Region	1	2
Projected household population 15 years old and over:						
Number (in thousands)	*1982*	30,748	4,092	a	2,240	1,400
	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	5,447	733	2,251	1,544
Percent in the labor force	*1982*	60.1	57.4	a	59.8	62.9
	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
Percent of labor force:						
Employment Rate	*1982*	90.6	81.3	a	93.8	93.2
	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
Unemployment Rate	*1982*	9.4	18.7	a	6.2	6.8
	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

OVER BY EMPLOYMENT STATUS AND BY REGION
1982 TO 1991

Region									
3	4	5	6	7	8	9	10	11	12
3,086	3,954	2,104	2,851	2,408	1,731	1,590	1,746	2,151	1,395
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
55.3	60.3	63.7	61.2	64.6	60.0	52.3	59.3	64.4	62.6
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
86.2	90.7	93.8	90.4	92.9	94.4	92.2	92.3	93.2	94.7
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
13.8	9.3	6.2	9.6	7.1	5.6	7.8	7.7	6.8	5.3
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

Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND
Table 11.7 CASES HANDLED, TERMINATED AND PENDING OCTOBER

		Philippines	National Capital Region	Cordillera Administrative Region	1	2
Percent of employed :	Handled	Terminated	Pending	Handled	Terminated	Pending
Underemployment Rate	*1982*	25.5	28.7	a	22.5	25.0
Philippines 153,708	79,643 *1983* 8,145	29.8	38.5	64,053 a	28.1	27.5
	1984	36.4	45.1	a	41.3	44.7
Central Office	*1985*	22.2	14.7	a	16.9	21.5
	1986	28.4	35.3	a	24.6	24.4
NCR	*1987*	24.2	14.5	a	26.3	18.3
1	*1988*	23.3	16.0	17.7	29.2	12.8
2	*1989*	23.2	13.7	22.7	28.4	21.7
3	*1990*	22.1	13.1	17.8	22.2	21.4
4	*1991*	22.1	10.1	16.1	24.2	21.4
Visibly Underemployed	*1982*	...	...	a	...	...
6	*1983*	...	...	a	...	...
7	*1984*	...	...	a	...	...
8	*1985*	...	...	a	...	...
9A	*1986*	...	...	a	...	...
9B	*1987*	11.2	4.1	a	18.7	8.5
10	*1988*	11.6	3.4	3.5	14.7	7.1
11	*1989*	11.2	2.4	1.5	12.1	11.8
12	*1990*	10.4	2.6	4.1	9.7	11.0
	1991	10.7	3.5	1.9	12.0	8.5
Agriculture	*1982*	51.3	1.3	a	60.0	73.5
	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
Non-agriculture	*1982*	48.7	98.7	a	40.0	26.5
	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

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.

OVER BY EMPLOYMENT STATUS AND BY REGION
1982 TO 1991 (continued)

Region									
3	4	5	6	7	8	9	10	11	12
20.9	23.7	24.0	28.5	22.9	31.6	23.8	26.8	27.7	27.1
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
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
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
38.1	45.2	61.3	59.5	55.0	72.0	65.7	63.0	61.6	69.6
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
61.9	54.9	38.7	40.5	45.0	27.9	34.2	36.9	38.4	30.4
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

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 1991

(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
Philippines						
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
Urban						
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
Rural						
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

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.

Fig. 11.2 Unemployment Rate by Region, 1991

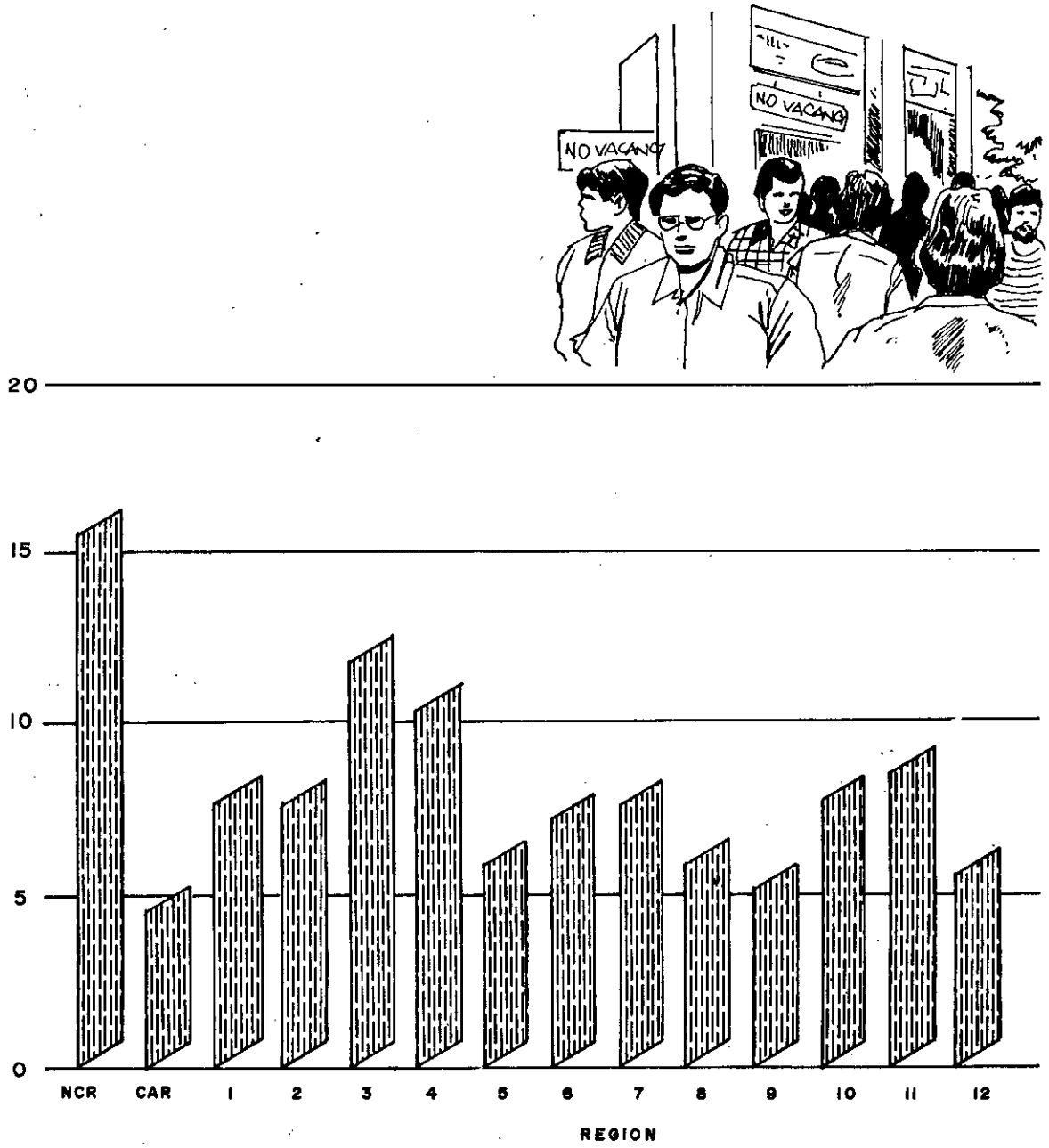


Table 11.3 - EMPLOYED PERSONS BY MAJOR

(In

Major Industry Group and Sex	Third Quarter 1985	Third Quarter 1986	October 1987	April 1988	July 1988	October 1988
Both sexes	19,801	20,595	20,795	21,141	21,356	21,497
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 & communication	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 services	3,408	3,516	3,621	3,582	3,765	3,827
Industry not adequately defined or reported	-	-	-	1	1	2
Male	12,519	12,905	13,254	13,579	13,497	13,654
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 & communication	889	810	897	975	981	1,001
Financing, insurance, real estate, and business services	232	251	245	260	239	241
Community, social and personal services	1,446	1,562	1,587	1,584	1,633	1,703
Industry not adequately defined or reported	-	-	-	1	-	2
Female	7,282	7,690	7,542	7,562	7,859	7,843
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 & communication	42	30	49	50	47	48
Financing, insurance, real estate, and business services	111	139	141	146	142	138
Community, social and personal services	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.

INDUSTRY GROUP BY SEX: 1985 TO 1991
thousands)

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 11.4 – EMPLOYED PERSONS BY MAJOR INDUSTRY AND

(In

Major Industry/Occupation Group	Total	National Capital Region	Cordillera Administrative Region	1	2
Industry	22,979	2,838	484	1,296	954
Agriculture, fishery and forestry	10,403	37	295	695	570
Mining and quarrying	150	5	33	3	–
Manufacturing	2,391	611	10	96	41
Electricity, gas and water	99	15	2	5	2
Construction	1,046	189	26	76	30
Wholesale and retail trade	3,172	565	35	156	96
Transportation, storage and communication	1,143	250	12	64	34
Financing, insurance, real estate & business services	451	220	4	13	4
Community, social and personal services	4,116	946	68	188	177
Industry not adequately defined or reported	9	–	1	1	–
Occupation	22,979	2,838	484	1,296	954
Professional, technical and related workers	1,344	311	27	66	71
Administrative, executive and managerial worker	277	87	2	13	9
Clerical and related workers	944	306	14	33	27
Sales worker	3,109	545	37	149	95
Service worker	2,099	546	29	94	74
Agricultural, animal husbandry and forestry workers; fishermen and hunters	10,274	29	296	697	568
Production and related workers, transport equipment operators and laborers	4,903	1,013	77	243	110
Occupation not adequately defined or reported	28	1	1	2	–

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.

BY MAJOR OCCUPATION GROUP AND BY REGION: OCTOBER 1991
Thousands)

Region									
3	4	5	6	7	8	9	10	11	12
2,197	2,952	1,695	2,107	1,778	1,339	1,088	1,438	1,657	1,155
767	1,112	921	1,198	824	801	671	808	900	803
9	7	27	3	16	2	12	19	14	1
277	468	152	118	221	78	41	99	114	64
12	14	9	5	7	7	2	10	6	4
158	163	55	59	101	44	27	48	57	15
317	416	209	280	250	174	140	192	233	111
157	180	56	82	75	48	42	60	64	19
51	54	19	20	16	11	6	13	19	4
447	540	245	342	266	174	148	190	250	135
2	–	1	–	3	–	–	–	–	–
2,197	2,952	1,695	2,107	1,778	1,339	1,088	1,438	1,657	1,155
135	178	78	100	75	68	47	57	73	60
25	39	22	14	17	10	2	8	21	8
110	139	37	59	52	24	30	44	46	23
311	414	209	279	244	169	139	182	227	109
242	275	117	188	129	68	65	97	127	47
749	1,092	920	1,166	811	802	658	797	884	805
618	814	310	300	449	198	145	244	278	103
7	2	2	–	1	–	2	8	1	1

Table 11.5 – EMPLOYED PERSONS BY MAJOR

(In

Major Occupation Group and Sex	Third Quarter 1985	Third Quarter 1986	October 1987	April 1988	July 1988	October 1988
Both Sexes	19,801	20,595	20,795	21,141	21,356	21,497
Professional, technical and related workers	1,179	1,144	1,167	1,107	1,164	1,199
Administrative, executive and managerial work	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
Male	12,519	12,905	13,254	13,579	13,497	13,654
Professional, technical and related workers	382	386	420	402	431	446
Administrative, executive and managerial work	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
Female	7,282	7,690	7,542	7,562	7,859	7,843
Professional, technical and related workers	797	758	746	705	733	753
Administrative, executive and managerial work	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.

OCCUPATION GROUP BY SEX: 1985 TO 1991
thousands)

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 1991

(In thousands)

Year	Philippines			NCR			CAR			Region 1		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1982	1,733	1,018	715	440	262	178	a	a	a	83	48	35
1983	1,587	983	605	357	222	135	a	a	a	104	66	38
1984	2,206	1,390	817	586	397	189	a	a	a	127	74	53
1985	2,362	1,473	889	720	478	243	a	a	a	133	78	55
1986	2,441	1,568	873	794	527	267	a	a	a	136	96	41
1987	2,085	1,163	922	534	334	200	a	a	a	147	85	62
1988	1,954	1,131	823	519	337	182	22	10	13	100	57	45
1989	2,010	1,101	909	480	300	180	22	13	9	96	57	39
1990	1,993	1,099	893	447	276	170	20	12	8	101	64	37
1991	2,266	1,290	977	517	332	186	23	10	13	109	59	50
Urban												
1982	824	504	320	440	262	178	a	a	a	23	16	7
1983	745	486	260	357	222	135	a	a	a	26	14	12
1984	1,239	829	410	586	397	189	a	a	a	52	31	21
1985	1,321	395	426	720	478	243	a	a	a	36	28	9
1986	1,495	999	496	794	527	267	a	a	a	53	40	13
1987	1,170	726	444	534	334	200	a	a	a	55	37	18
1988	1,089	687	402	519	337	182	3	2	2	31	23	8
1989	1,062	653	419	480	300	180	7	4	3	32	23	9
1990	1,081	651	430	447	276	170	10	7	3	25	18	7
1991	1,470	899	571	517	332	186	10	6	4	58	34	25
Rural												
1982	909	514	395	–	–	–	a	a	a	60	32	28
1983	842	497	345	–	–	–	a	a	a	78	51	26
1984	967	560	407	–	–	–	a	a	a	75	43	32
1985	1,041	578	463	–	–	–	a	a	a	96	50	46
1986	946	569	377	–	–	–	a	a	a	83	56	27
1987	914	437	478	–	–	–	a	a	a	91	48	44
1988	865	444	421	–	–	–	19	8	11	71	34	37
1989	948	449	499	–	–	–	15	9	6	64	34	31
1990	912	449	463	–	–	–	10	5	5	77	46	30
1991	797	392	406	–	–	–	14	4	9	50	25	26

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1982 TO 1991 (continued)

(In thousands)

Year	Region 2			Region 3			Region 4			Region 5		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1982	49	23	26	235	147	89	223	131	91	83	50	33
1983	52	26	26	246	160	86	210	143	67	72	40	32
1984	82	42	40	251	177	74	276	171	105	117	71	47
1985	67	37	30	235	158	77	332	224	109	102	53	48
1986	67	35	33	233	168	66	288	184	104	116	65	51
1987	53	21	32	280	166	114	244	135	109	91	48	43
1988	48	26	22	215	137	78	253	151	102	95	43	52
1989	47	19	28	223	127	96	272	159	113	107	51	56
1990	47	25	23	238	144	94	280	157	122	98	46	52
1991	80	42	38	293	181	112	343	212	129	107	42	65
Urban												
1982	5	3	2	69	41	28	75	47	28	17	11	6
1983	8	5	3	70	48	22	78	57	21	15	8	7
1984	20	8	12	130	102	28	123	80	43	40	25	15
1985	18	11	8	116	87	29	125	90	35	41	25	16
1986	14	7	7	119	89	30	140	92	47	41	25	16
1987	10	5	5	128	86	42	109	72	37	36	21	15
1988	9	5	4	105	72	33	119	73	46	39	23	16
1989	12	6	6	111	71	40	115	74	41	43	26	17
1990	11	7	4	134	87	48	123	80	43	40	20	20
1991	19	11	8	199	126	73	219	143	76	34	15	20
Rural												
1982	44	20	24	166	105	61	147	84	63	66	39	27
1983	44	21	23	176	112	64	132	87	46	56	31	25
1984	62	34	28	121	75	45	153	91	62	78	46	32
1985	48	26	22	119	71	48	207	133	74	61	28	32
1986	53	28	25	115	79	36	148	92	56	75	40	35
1987	43	16	27	152	80	72	135	63	72	55	27	28
1988	40	21	19	110	65	45	134	78	56	56	20	36
1989	37	13	24	112	55	57	157	84	72	64	25	39
1990	37	18	19	104	58	47	157	78	79	57	26	32
1991	61	32	29	94	55	40	124	69	54	73	28	45

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1982 TO 1991 (continued)
(In thousands)

Year	Region 6			Region 7			Region 8			Region 9		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1982	167	103	63	110	67	42	58	27	32	64	31	33
1983	126	78	48	85	53	32	56	26	31	68	41	27
1984	198	128	70	89	62	27	138	63	75	43	29	14
1985	184	113	71	126	78	48	109	42	67	72	55	17
1986	219	129	90	103	73	30	77	39	38	71	34	37
1987	167	92	75	131	84	47	106	47	59	66	37	29
1988	153	83	70	105	65	40	86	36	50	57	30	27
1989	183	100	83	107	63	44	113	42	71	61	27	34
1990	170	92	78	139	65	73	84	39	45	67	27	40
1991	167	80	87	149	86	63	84	39	44	58	34	23
Urban												
1982	54	35	19	46	27	18	16	10	6	17	12	5
1983	45	32	13	51	34	17	11	7	4	16	11	5
1984	61	42	19	52	40	12	43	22	21	10	8	2
1985	60	43	17	65	46	18	23	13	10	17	15	2
1986	78	50	28	61	49	12	26	15	11	25	11	14
1987	78	47	31	75	49	26	29	16	13	14	9	5
1988	49	26	23	66	43	23	26	13	13	17	12	5
1989	61	38	23	50	30	20	26	11	15	16	7	9
1990	56	33	23	76	39	37	25	12	13	14	8	6
1991	81	49	33	94	59	34	33	14	18	23	15	8
Rural												
1982	113	69	44	64	40	24	42	17	26	47	19	28
1983	81	46	35	34	19	15	45	19	26	52	30	22
1984	137	85	51	37	22	15	95	41	54	33	21	12
1985	124	70	53	61	31	30	86	29	57	55	40	15
1986	141	78	63	42	24	18	51	24	28	46	23	23
1987	89	45	44	56	35	21	77	31	46	52	28	24
1988	104	57	47	39	22	17	60	23	37	40	18	22
1989	122	62	60	57	33	24	87	31	56	45	20	25
1990	114	58	55	63	27	36	59	27	32	53	19	34
1991	86	31	54	55	26	29	51	25	26	33	19	14

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1982 TO 1991 (continued)
(In thousands)

Year	Region 10			Region 11			Region 12		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total									
1982	80	46	34	95	56	39	46	26	20
1983	93	61	32	87	50	37	32	18	14
1984	114	63	52	143	88	56	42	26	15
1985	111	73	38	120	62	58	51	23	28
1986	122	72	50	162	109	53	52	38	14
1987	98	41	57	118	50	68	50	25	25
1988	108	62	46	140	71	69	50	24	26
1989	103	45	58	135	69	66	56	27	29
1990	111	59	52	138	68	69	51	22	29
1991	121	71	50	153	69	84	67	34	33
Urban									
1982	26	18	8	30	17	12	6	4	2
1983	27	20	7	28	19	9	14	10	4
1984	33	19	15	77	47	30	11	9	3
1985	32	21	11	57	34	23	10	4	6
1986	42	25	17	88	60	28	16	9	7
1987	34	18	16	59	29	30	10	4	6
1988	34	19	15	62	35	27	10	4	6
1989	22	13	9	74	42	32	13	6	7
1990	31	19	12	73	40	33	17	6	11
1991	62	35	27	92	46	46	30	15	15
Rural									
1982	54	27	26	65	28	26	40	22	18
1983	66	41	25	59	31	28	18	8	10
1984	81	44	37	66	40	26	30	18	13
1985	79	52	27	63	28	35	41	19	22
1986	81	47	34	74	49	25	36	29	7
1987	64	23	41	59	21	38	40	21	19
1988	74	43	31	78	36	42	40	20	20
1989	81	32	49	61	27	34	43	21	22
1990	81	41	40	65	29	35	34	16	18
1991	59	36	23	61	22	39	37	20	18

Fig. 11.3 Processed Overseas Contract Workers, 1982 to 1991

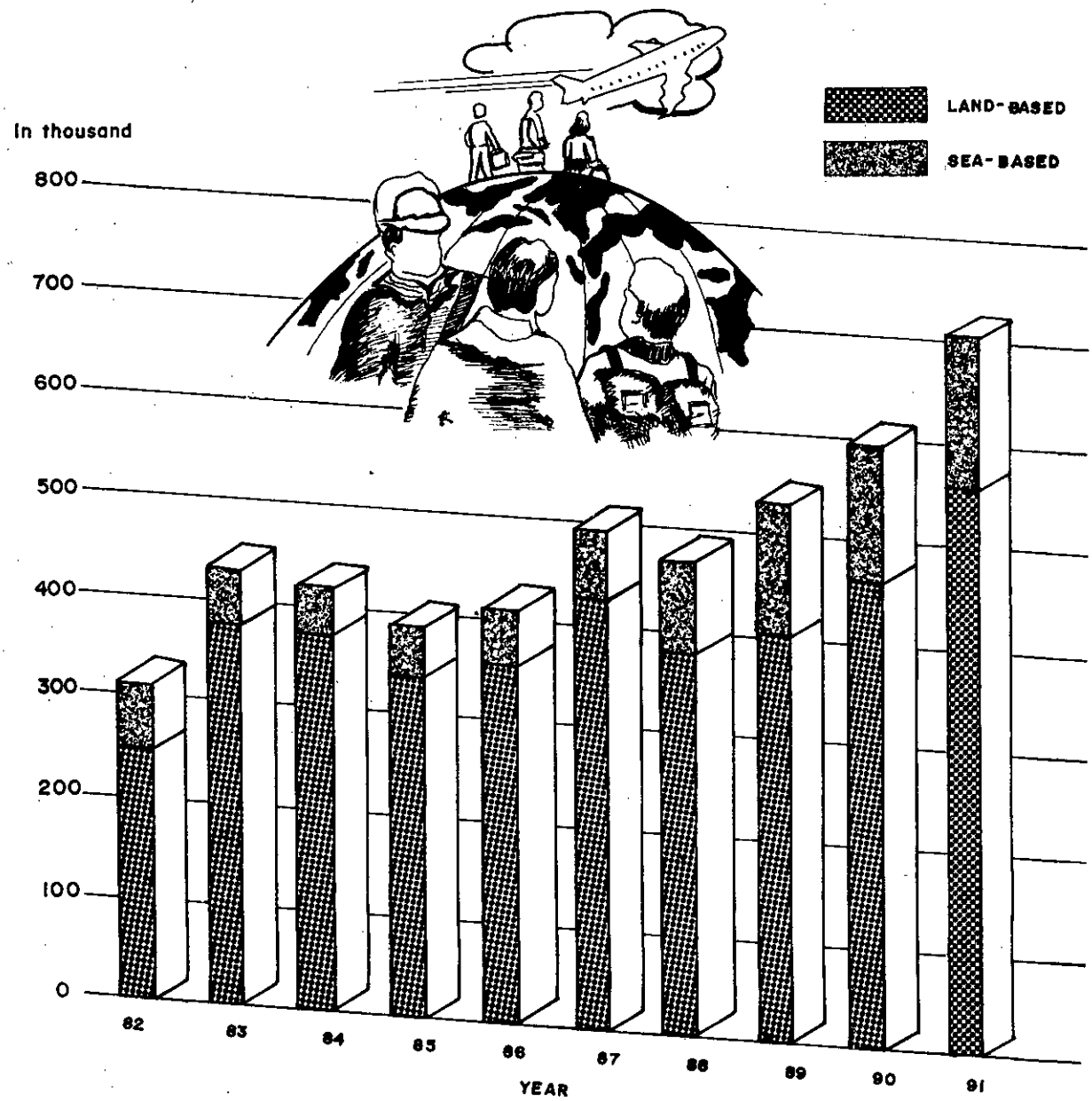


Table 11.7 – NOMINAL AND REAL BASIC MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS, BY REGION: 1991

(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	–	–	77.48	–	–
Cordillera Administrative Region						
a) Abra, Benguet, Mt. Province	103.08	92.50	71.42	68.86	61.79	47.71
b) Ifugao, Kalinga Apayao	97.00	87.00	66.50	64.80	58.12	44.42
Region 1 – Ilocos Region	105.67	95.08	74.00	70.78	63.68	49.56
Region 2 – Cagayan Valley						
a) Isabela	101.00	91.00	70.50	68.47	61.69	47.80
b) Cagayan	99.00	89.00	68.50	67.12	60.34	46.44
c) Nueva Vizcaya, Quirino	97.00	87.00	66.50	65.76	58.98	45.08
Region 3 – Central Luzon						
a) For establishments employing more than 20 workers	107.50	97.50	77.00	71.19	64.57	50.99
b) For establishments employing 20 workers and below	106.50	96.50	76.00	70.53	63.91	50.33
Region 4 – Southern Tagalog						
a) Batangas, Cavite, Laguna, Rizal, Quezon	109.25	99.25	78.75	71.31	64.78	51.40
b) Other provinces	103.08	93.08	72.58	67.28	60.76	47.38
Region 5 – Bicol Region	91.33	81.33	60.83	67.07	60.44	47.35
Region 6 – Western Visayas	103.18	87.73	65.18	64.54	55.81	41.46
Region 7 – Central Visayas						
a) Cities of Cebu, Mandaue, Lapu-lapu	112.80	102.80	82.30	68.82	62.72	50.21
b) Cities of Toledo, Danao, Tagbilaran, Bais, Canlaon and Dumaguete	104.32	94.32	73.82	63.65	57.55	45.04
c) For other cities and municipalities of Bohol, Cebu, Negros Or. and province of Siquijor	99.37	89.37	68.87	60.63	54.53	42.02
Region 8 – Eastern Visayas						
a) Province of Leyte	100.91	90.91	70.41	67.91	61.18	47.38
b) Provinces of Eastern Samar, Northern Samar, Western Samar, and Southern Leyte	96.91	86.91	66.41	65.22	58.49	44.69

Table 11.7 – NOMINAL AND REAL BASIC MINIMUM WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS, BY REGION: 1991 (continued)

(In pesos)

Region	At Nominal Prices			At Real Prices (1988=100)		
	Non-Agriculture	Agriculture		Non-Agriculture	Agriculture	
		Plantation	Non-Plantation		Plantation	Non-Plantation
Region 9 – Western Mindanao						
a) Zamboanga City	105.18	95.18	74.68	68.92	62.37	48.94
b) Zamboanga del Norte and del Sur	103.18	93.18	72.68	67.61	61.06	47.63
c) Basilan	100.18	90.18	69.68	65.65	59.10	45.66
d) Sulu and Tawi-tawi	92.18	82.18	61.68	60.41	53.85	40.42
Region 10 – Northern Mindanao						
a) Agusan del Norte, Bukidnon, and Misamis Oriental	108.37	98.37	77.87	74.07	67.24	53.23
b) Agusan del Sur, Misamis Occ. and Surigao del Norte	106.37	96.37	75.87	72.71	65.87	51.86
c) Camiguin	104.37	94.37	73.87	71.34	64.50	50.49
Region 11 – Southern Mindanao						
a) Cities of Davao and Gen. Santos	106.77	96.51	75.46	77.37	69.93	54.68
b) South Cotabato, Davao del Sur and Davao del Norte	104.72	94.45	73.41	75.88	68.44	53.20
c) Davao Oriental	102.67	92.40	71.35	74.40	66.96	51.70
d) Surigao del Sur	101.64	91.37	70.35	73.65	66.21	50.96
Region 12 – Central Mindanao						
a) Iligan City	105.50	95.50	75.00	68.86	62.34	48.96
b) Cotabato City	104.25	94.25	73.75	68.05	61.52	48.14
c) Lanao del Norte and Marawi City	103.13	93.13	72.63	67.32	60.79	47.41
d) Sultan Kudarat and North Cotabato	100.75	90.75	70.25	65.76	59.24	45.86
e) Lanao del Sur and Maguindanao	89.00	79.00	58.50	58.09	51.57	38.19

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 1991

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

Source: Philippine Overseas Employment Administration.

Table 11.9 – DEPLOYED OVERSEAS CONTRACT WORKERS 1984 to 1991

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

Source: Philippine Overseas Employment Administration.

Table 11.10 – DEPLOYED LAND-BASED CONTRACT WORKERS BY MAJOR WORLD GROUPINGS: 1984 to 1991

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

Source: Philippine Overseas Employment Administration.

Fig. 11.4 Deployed Overseas Contract Workers, 1984 to 1991

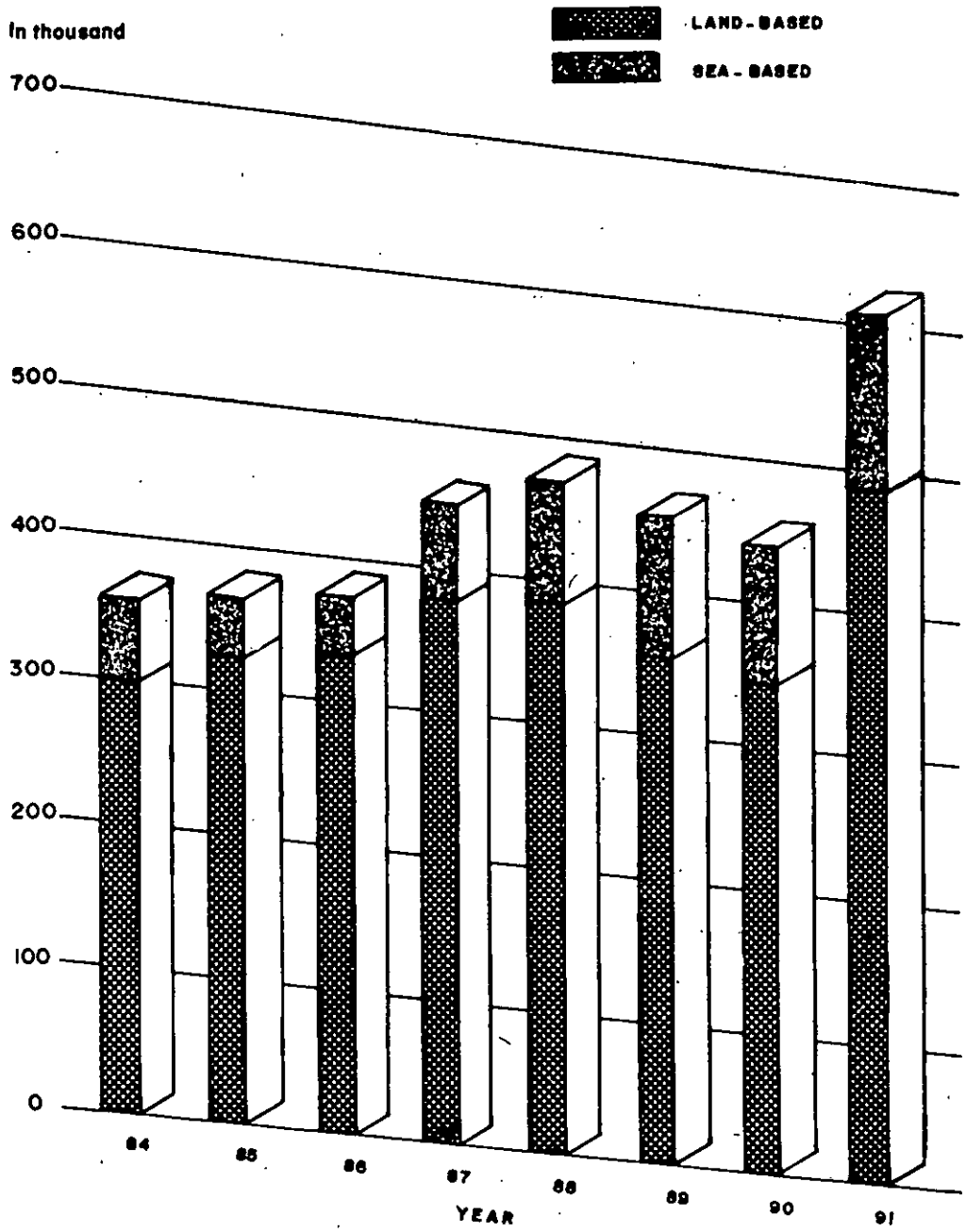


Table 11.11 – NUMBER AND MEMBERSHIP OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS BY REGION: 1982 TO 1991

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

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	46,642	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

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

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: 1982 TO 1991

Year	Philippines		NCR		CAR		Region 1		Region 2	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1982	809	105,483	569	63,535	a	a	1	750	1	94
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

Year	Region 3		Region 4		Region 5		Region 6		Region 7	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1982	25	2,474	16	5,554	–	–	63	6,629	89	12,556
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

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
1982	1	244	5	2,381	15	5,599	20	3,645	4	2,022
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

a – Data were included in Regions 1 and 2 because CAR was not yet recognized.

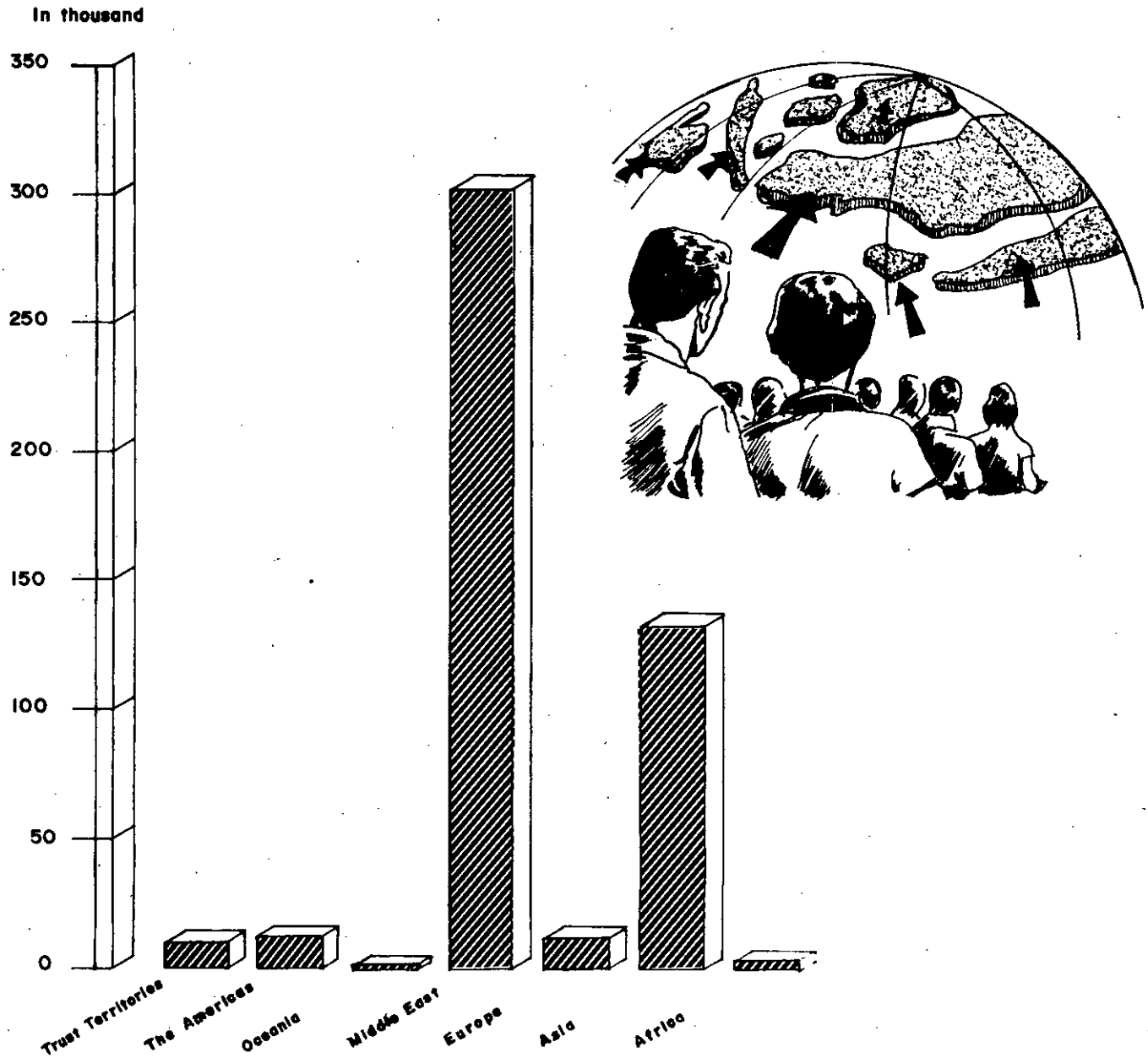
Sources: Bureau of Labor Relations, DOLE

Table 11.13 – NUMBER OF STRIKE NOTICES FILED, ACTUAL STRIKES, WORKERS INVOLVED AND MAN-DAYS LOST PHILIPPINES: 1982 TO 1991

Year	Strike/Lockout Notices Filed	Actual Strikes				
		Total	With Notices	Without Notices	Workers Involved	Man-days Lost (000)
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

Sources: Bureau of Labor and Employment Statistics, DOLE
National Conciliation and Mediation Board

Fig. 11.5 Deployed Land-Based Contract Workers by Major World Groupings, 1991



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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Fig. 12.1 Benefits Paid by the Government Service Insurance System and the Social Security System, 1982 to 1991

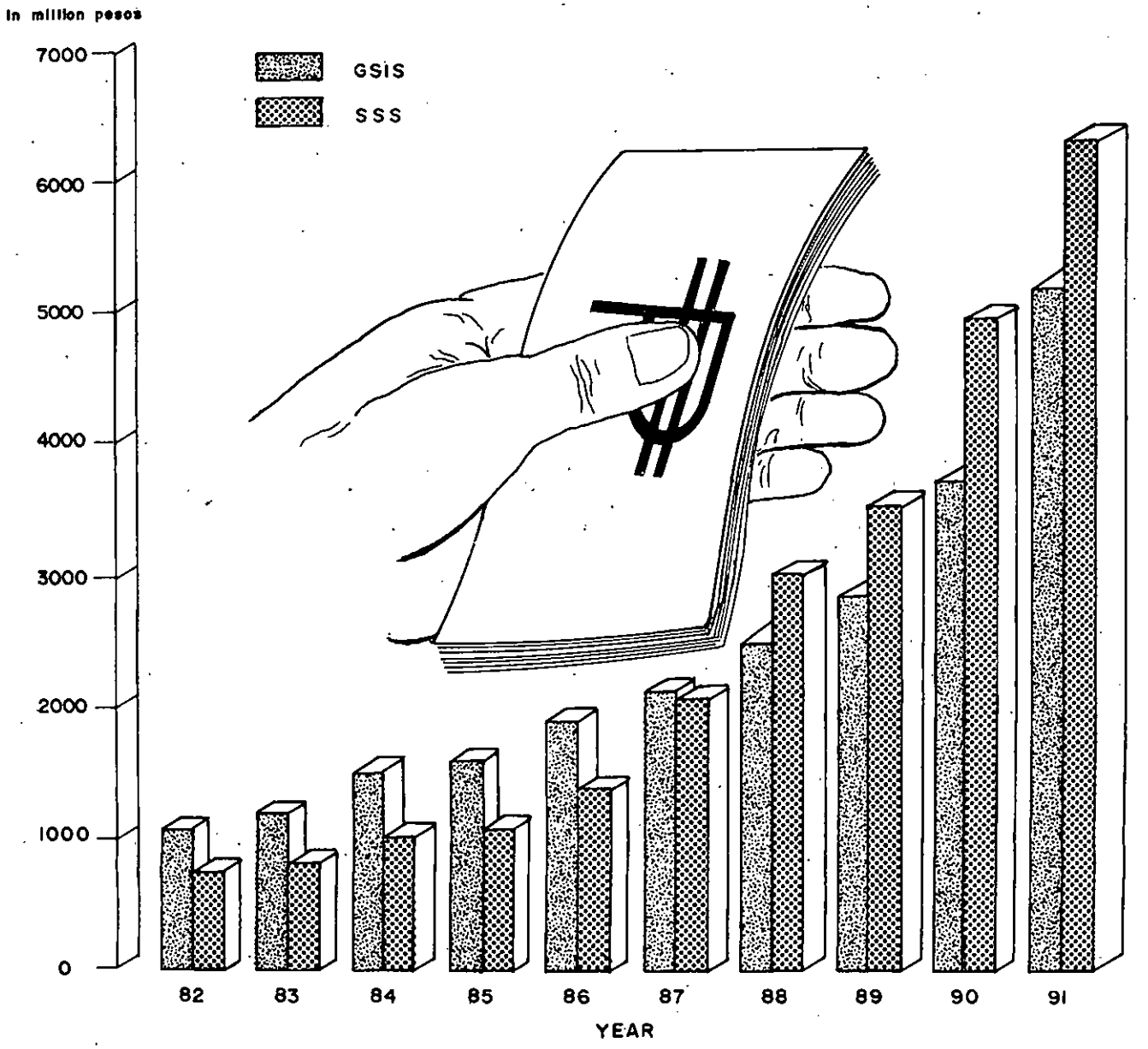

Table 12.1 – NUMBER OF FAMILIES AND FAMILY MEMBERS REACHED WITHIN FOOD THRESHOLD: 1991 (UNDUPLICATED COUNT)

	Total	National Capital Region	Cordillera Administrative Region	1	2	3	4
Number of families reached (within food threshold)	808,491	34,761	31,324	54,702	49,116	50,654	51,850
Number of family members reached (within food threshold)	2,728,099	125,524	75,567	138,105	197,732	174,581	267,710
a. Parents (Mother & Father)	767,159	24,732	23,475	50,980	69,792	72,259	51,200
b. Children (0–6)	1,036,955	65,561	25,198	44,775	55,646	71,254	148,066
c. Youth (7–17)	285,342	9,610	6,953	9,988	28,070	8,629	17,500
d. Adults (18–59)	502,594	18,798	14,607	22,738	30,346	14,699	39,547
Male	219,917	7,815	7,456	8,814	14,661	8,906	15,718
Female	282,677	10,983	7,151	13,924	15,685	5,793	23,829
e. Elderly (60 & above)	114,430	5,710	4,570	7,084	10,583	6,794	9,962
f. Disabled	21,619	1,113	764	2,540	3,295	946	1,435

	5	6	7	8	9	10	11	12
Number of Families reached (within food threshold)	52,040	62,756	59,107	129,443	49,055	37,910	80,746	65,027
Number of Family Members reached (within food treshold)	112,337	373,846	217,741	256,391	220,597	168,688	243,049	156,231
a. Parents (Mother & Father)	37,626	115,079	59,107	56,405	58,377	52,746	72,176	23,205
b. Children (0–6)	36,621	114,016	103,059	101,195	76,033	58,404	79,502	57,625
c. Youth (7–17)	7,066	66,060	10,523	36,663	31,924	11,975	24,977	15,404
d. Adults (18–59)	24,864	66,060	37,092	49,110	46,032	35,016	53,514	50,171
Male	8,396	26,594	14,527	22,481	19,568	14,455	21,110	29,416
Female	16,468	39,466	22,565	26,629	26,464	20,561	32,404	20,755
e. Elderly (60 & above)	5,233	10,194	7,070	11,012	7,266	9,305	11,838	7,809
f. Disabled	927	2,437	890	2,006	965	1,242	1,042	2,017

Source: Department of Social Welfare and Development.

*Table 12.2 – SERVICE HEADCOUNT BY PROGRAM * : 1988 to 1991*
(In thousands)

PROGRAM	1988	1989	1990	1991
TOTAL	11,471	11,530	16,820	6,511
Community Welfare	305	1,128	1,115	747
Family Welfare	1,635	1,530	1,527	649
Women's Welfare	179	1,017	1,344	845
Child and Youth Welfare	2,685	3,118	2,951	1,855
Disabled Persons Welfare	360	466	513	321
Emergency Assistance	5,970	4,114	9,202	1,854
Self Employment Assistance	337	157	168	240

Note: Changes in figures from 1922 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 1991

Institution/Center/Facility	1988	1989	1990	1991
TOTAL	37	46	53	53
Child Caring Institution	12	17	23	24
Youth Centered/Facilities	16	17	18	16
Facilities for Disabled Persons and Specials Groups	9	12	12	13

Source: Department of Social Welfare and Development.

Table 12.4 – COVERAGE AND CONTRIBUTIONS RECEIVED BY THE GSIS 1976 TO 1991
(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

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 1991
(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

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 1991

(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	10,294	276	2,221,353	1,688,057	335,222	198,074
1987	10,616	282	4,158,151	3,355,345	546,156	256,650
1988	10,792	296	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	13,162	384	9,459,655	7,822,263	1,308,318 *	329,075

* 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.

Fig. 12.2 Value of Damages Caused by Major Natural Disaster, Philippines, 1982 to 1991

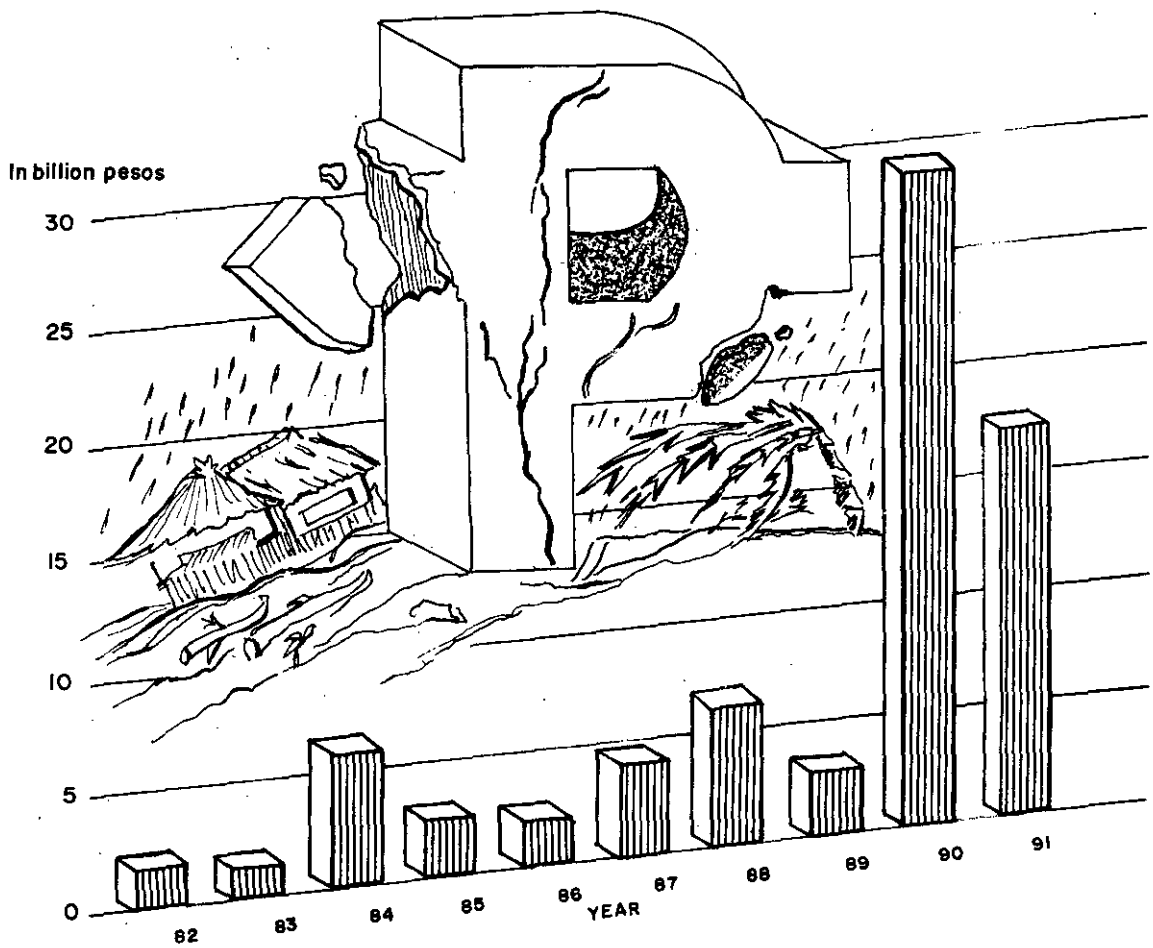

Table 12.7 – BENEFITS PAID BY THE SOCIAL EMPLOYEES' COMPENSATION FUNDS, (In thousand

Year	Social Security System 1/					
	Sub-Total	Death 4/	Disability	Sickness	Retirement	Maternity 5/
1976	163,411	28,076	8,394	44,613	82,076	–
1977	184,885	35,948	9,853	46,529	92,007	–
1978	281,586	67,083	17,587	58,506	120,690	17,403
1979	343,703	88,659	20,520	64,050	135,695	34,410
1980	427,294	111,656	30,485	63,322	183,502	37,851
1981	540,579	148,468	43,052	69,429	230,929	48,302
1982	725,857	205,146	61,062	82,243	316,629	60,352
1983	865,373	262,126	82,938	82,778	375,438	61,668
1984	1,017,319	312,277	105,099	85,946	445,285	68,284
1985	1,199,322	387,726	123,995	96,117	510,253	80,566
1986	1,470,340	482,970	137,647	91,310	677,662	80,438
1987	2,096,359	751,823	193,405	133,296	924,122	93,202
1988	3,052,324	1,076,238	274,581	315,993	1,194,989	189,728
1989	3,663,971	1,359,906	316,537	373,372	1,403,461	209,984
1990	4,972,143	1,879,818	497,839	444,800	1,883,395	265,308
1991	6,664,536	2,605,771	678,464	508,137	2,592,903	277,449

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.

SECURITY, MEDICARE AND
BY TYPE: 1976 TO 1991
pesos)

	Medicare 2/	Employees' Compensation 3/					
Refund of Contribution		Sub-Total	Death 6/	Sickness	Rehabilitation Services	Disability	Medical Services
252	161,701	10,341	979	5,650	-	1,166	2,546
548	137,575	14,528	1,752	7,164	-	1,650	3,962
317	178,189	18,966	3,288	7,914	-	2,341	5,423
369	208,535	24,477	4,535	9,790	-	3,172	6,980
478	203,831	29,297	7,197	10,376	19	4,277	7,428
399	214,676	36,162	9,057	10,864	64	4,680	11,497
425	251,498	39,306	10,936	12,009	77	6,364	9,920
425	259,395	49,407	16,281	11,359	279	7,617	13,871
428	239,355	59,027	19,264	11,271	629	8,024	19,839
665	264,507	67,623	26,030	10,787	166	8,651	21,989
313	279,118	80,381	32,409	10,113	284	14,124	23,451
511	350,247	88,668	47,028	11,074	4,493	11,952	14,121
795	474,474	128,921	59,551	18,289	3,503	16,571	31,007
711	449,521	153,531	74,277	28,437	13,096	14,195	23,526
983	710,502	189,878	105,061	35,536	285	22,589	26,407
1,812	1,022,847	215,939	103,963	38,694	10,737	25,322	37,223

Table 12.8 – DAMAGES CAUSED BY MAJOR NATURAL DISASTERS: 1976 TO 1991

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

Table 12.8 – DAMAGES CAUSED BY MAJOR NATURAL DISASTERS 1976 TO 1991 (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	
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
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 & NC	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	Drought	Nov.16-91 Apr. 30	Regions 4, 9 to 12	47,087	254,282	-	-	-	-	1,620.074
	Mt. Pinatubo	Jun 12-15	Region III-Zambales, Tarlac, Pampanga & Bataan	249,371	1,180,132	850	184	40,867	67,862	10,623.551
	T Trining	Oct 23-30	Region 1, 2 & CAR	105,317	534,307	82	55	8,070	58,305	3,469.259
	TS Uring	Nov. 2-6	Region 6 & 8, Leyte (Ormoc City, Negros Occ.)	43,397	223,985	5,101	292	5,232	26,160	1,044.806

Source: National Disaster Coordinating Council.

Table 12.9 – NUMBER OF DISASTER COORDINATING COUNCILS, CONTROL GROUPS AND MEMBERS/VOLUNTEERS TRAINED: 1980 TO 1991

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

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 subports 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 BY PHILIPPINE NATIONAL

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

Note: Metro Manila Rail Commuter (MMRC) started in 1979.

Source: Philippine National Railways and Metro Transit Organization Incorporated.

AND EXPRESS TONNAGE, AND REVENUE
RAILWAYS: 1950 to 1991

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

Fig. 13.1 Number of Motor Vehicles Registered by Type of Vehicle 1983 to 1991

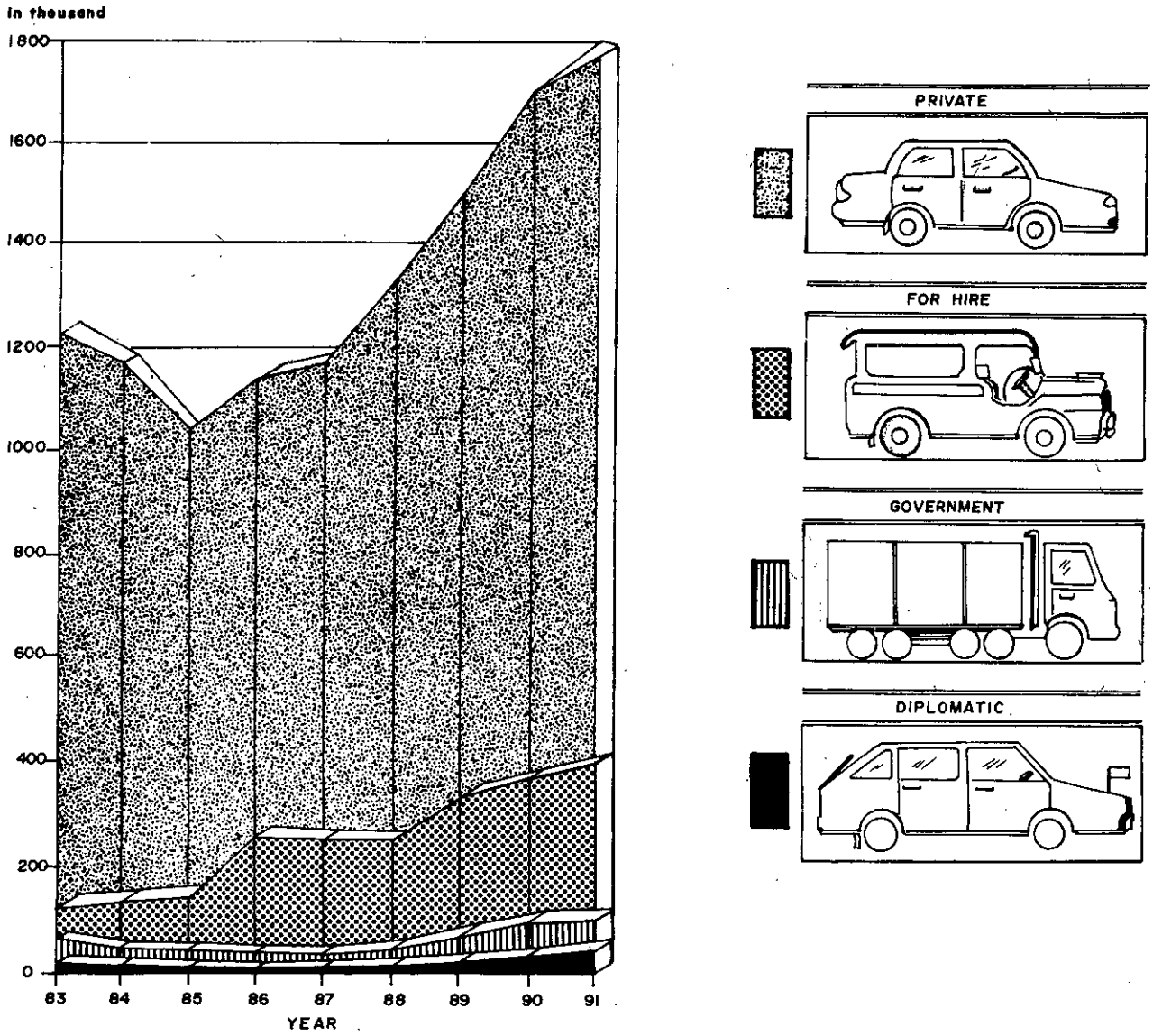

Table 13.2 – NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE: 1983 to 1991

Type of Vehicle	1983	1984	1985	1986	1987	1988	1989	1990	1991
Total Motor Vehicles	1,200,803	1,165,557	1,120,172	1,185,832	1,176,753	1,270,483	1,431,464	1,620,242	1,715,366
Private	1,068,114	1,035,732	988,143	925,229	931,750	1,026,057	1,162,065	1,322,783	1,384,148
Cars	348,637	343,747	332,473	338,687	343,775	361,494	393,699	430,735	430,943
Utility Vehicles	354,015	340,553	328,179	334,930	357,768	400,166	452,459	520,534	560,831
Buses	4,191	3,676	2,804	3,119	3,497	3,273	3,535	3,288	3,404
Trucks	93,727	86,335	79,759	82,050	85,907	95,773	105,111	117,047	123,426
Motorcycles/ Tricycles	252,338	245,500	231,207	153,563	128,281	151,560	192,626	233,861	247,892
Trailers	15,206	15,921	13,721	12,880	12,522	13,791	14,635	17,318	17,652
For hire	83,350	87,082	90,607	219,871	207,384	204,093	223,233	246,082	280,254
Cars	9,698	8,344	7,123	9,086	7,355	7,092	9,755	13,676	16,360
Utility Vehicles	50,256	56,353	57,961	62,491	66,018	55,895	62,773	71,365	87,285
Buses	11,962	11,253	11,641	11,586	11,278	11,420	13,077	14,667	16,884
Trucks	7,710	7,407	6,362	6,054	5,899	5,435	6,109	6,515	7,534
Motorcycles/ Tricycles	2,772	2,753	6,622	129,873	116,079	123,418	130,700	138,948	151,091
Trailers	952	972	898	781	755	833	819	911	1,100
Government	44,040	37,657	36,947	36,527	33,410	35,636	40,869	45,482	44,759
Cars	5,884	6,071	5,694	6,130	4,783	4,941	6,323	6,052	5,724
Utility Vehicles	23,654	19,815	19,690	19,133	17,971	19,038	21,173	23,704	22,732
Buses	561	350	291	269	398	390	338	386	402
Trucks	7,416	6,200	6,001	5,694	4,589	5,241	5,251	5,607	4,552
Motorcycles/ Tricycles	6,315	5,080	5,161	5,189	5,208	5,924	7,649	9,617	11,144
Trailers	210	141	110	112	461	102	135	116	205
Diplomatic	5,299	5,086	4,475	4,205	4,209	4,697	5,297	5,895	6,205

Source: Land Transportation Office.

Table 13.3 – NUMBER OF MOTOR VEHICLES REGISTERED

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
NCR	92,930	628,846	27,371	281,891	32,642	244,891
CAR	825	20,004	98	4,968	437	10,632
Region 1	6,936	72,641	180	8,434	1,409	25,663
Region 2	4,603	37,879	105	3,232	945	12,515
Region 3	17,703	183,124	2,055	36,011	8,901	81,278
Region 4	25,044	153,604	385	25,467	18,105	77,827
Region 5	2,227	36,139	12	3,510	322	11,974
Region 6	6,807	80,487	427	13,886	2,310	31,215
Region 7	12,207	103,444	1,146	21,601	3,508	30,583
Region 8	2,131	24,233	4	1,616	360	8,446
Region 9	2,122	33,799	4	2,271	538	10,159
Region 10	2,268	50,701	77	6,264	822	18,030
Region 11	4,914	78,369	257	12,016	1,209	25,488
Region 12	2,109	29,270	9	3,309	461	10,178

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, NEW AND RENEWAL: 1981 to 1991

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
8,054	37,246	918	5,400	22,419	51,432	1,526	7,986
26	1,635	18	306	240	2,418	6	45
43	5,404	202	2,044	5,089	30,496	13	600
299	5,918	68	781	3,094	14,764	92	669
1,468	16,282	137	2,768	4,877	43,707	265	3,078
269	10,795	240	2,427	5,909	36,036	136	1,052
44	2,925	33	964	1,810	16,675	6	91
561	13,039	80	688	3,351	21,151	78	508
1,478	8,929	59	843	5,890	40,413	126	1,075
48	2,801	40	457	1,660	10,735	19	178
97	2,771	23	435	1,459	18,060	1	103
56	6,758	33	608	1,276	18,737	4	304
148	8,426	21	803	3,238	30,854	41	782
55	2,563	5	289	1,508	12,829	71	102

Table 13.4 – NUMBER OF MOTOR VEHICLES REGISTERED

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
Metro Manila area						
NCR	516,706	195,558	292,619	16,643	144,818	132,715
CAR	12,020	8,758	4,787	279	4,542	6,527
Region 1	55,007	23,957	8,479	135	11,878	15,194
Region 2	26,336	15,385	3,206	131	5,150	8,310
Region 3	135,492	61,992	37,509	557	47,284	42,895
Region 4	104,917	72,543	25,385	467	37,101	58,831
Region 5	27,177	11,092	3,437	85	5,097	7,199
Region 6	59,538	27,170	13,700	613	17,648	15,877
Region 7	92,832	21,618	22,170	577	24,207	9,884
Region 8	19,232	6,935	1,592	28	4,959	3,847
Region 9	29,404	6,413	2,258	17	7,193	3,504
Region 10	35,824	16,837	6,260	81	8,999	9,853
Region 11	60,256	22,204	12,089	184	13,536	13,161
Region 12	22,541	8,665	3,284	34	5,765	4,874

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, BY TYPE OF FUEL USED: 1981 to 1991

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
5,221	40,079	288	6,030	73,760	91	9,512
81	1,580	5	319	2,605	53	51
245	5,202	55	2,191	34,350	1,235	613
117	6,100	5	844	17,858	0	761
2,362	15,388	67	2,838	48,270	314	3,343
474	10,590	17	2,650	41,940	5	1,188
199	2,770	8	989	18,436	49	97
3,665	9,935	23	745	24,502	0	586
1,087	9,320	99	803	45,269	1,034	1,201
296	2,553	6	491	12,379	16	197
326	2,542	108	350	19,519	0	104
534	6,280	36	605	19,995	18	308
710	7,864	36	788	33,885	207	823
375	2,243	132	162	12,985	1,352	173

Table 13.5 – NUMBER AND TONNAGE CLEARED IN SELECTED PORTS, DOMESTIC (Tonnage in

Year, vessels and tonnage	Domestic trade				
	Total	Manila	Cebu	Iloilo	Zamboanga
1982					
Number of vessels	139,433	21,330	25,219	14,008	15,349
Gross tonnage	79,948	19,074	12,764	7,290	5,797
Net tonnage	51,669	11,310	10,797	7,090	3,316
1983					
Number of vessels	140,307	22,801	24,935	13,609	14,370
Gross tonnage	89,446	21,508	14,661	7,437	6,437
Net tonnage	56,614	12,976	10,315	7,237	3,694
1984					
Number of vessels	126,901	22,178	22,235	12,595	13,345
Gross tonnage	85,487	20,268	16,676	8,472	6,473
Net tonnage	51,407	11,030	8,143	8,047	3,586
1985					
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
1986					
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
1987					
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
1988					
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
1989					
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
1990					
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
1991 P					
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

* 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 Primcesa, Surigao & Virac
P preliminary
Source: National Statistics Office.

OF VESSELS ENTERED AND
AND INTERNATIONAL: 1982 to 1991
thousands)

			International trade			
Others*	Total	Manila	Cebu	Iloilo	Zamboanga	Others*
63,527	13,478	4,821	806	360	230	7,261
35,023						
19,156	79,089	24,232	3,525	1,535	1,688	48,109
64,592	13,279	4,770	760	327	283	7,139
39,403						
22,392	82,550	25,278	3,316	1,358	2,058	50,540
56,548	11,418	3,592	608	344	317	6,557
33,597						
20,601	72,492	19,276	2,814	1,511	2,037	46,854
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

Fig. 13.2 Number of Motor Vehicles Registered by Region, 1991

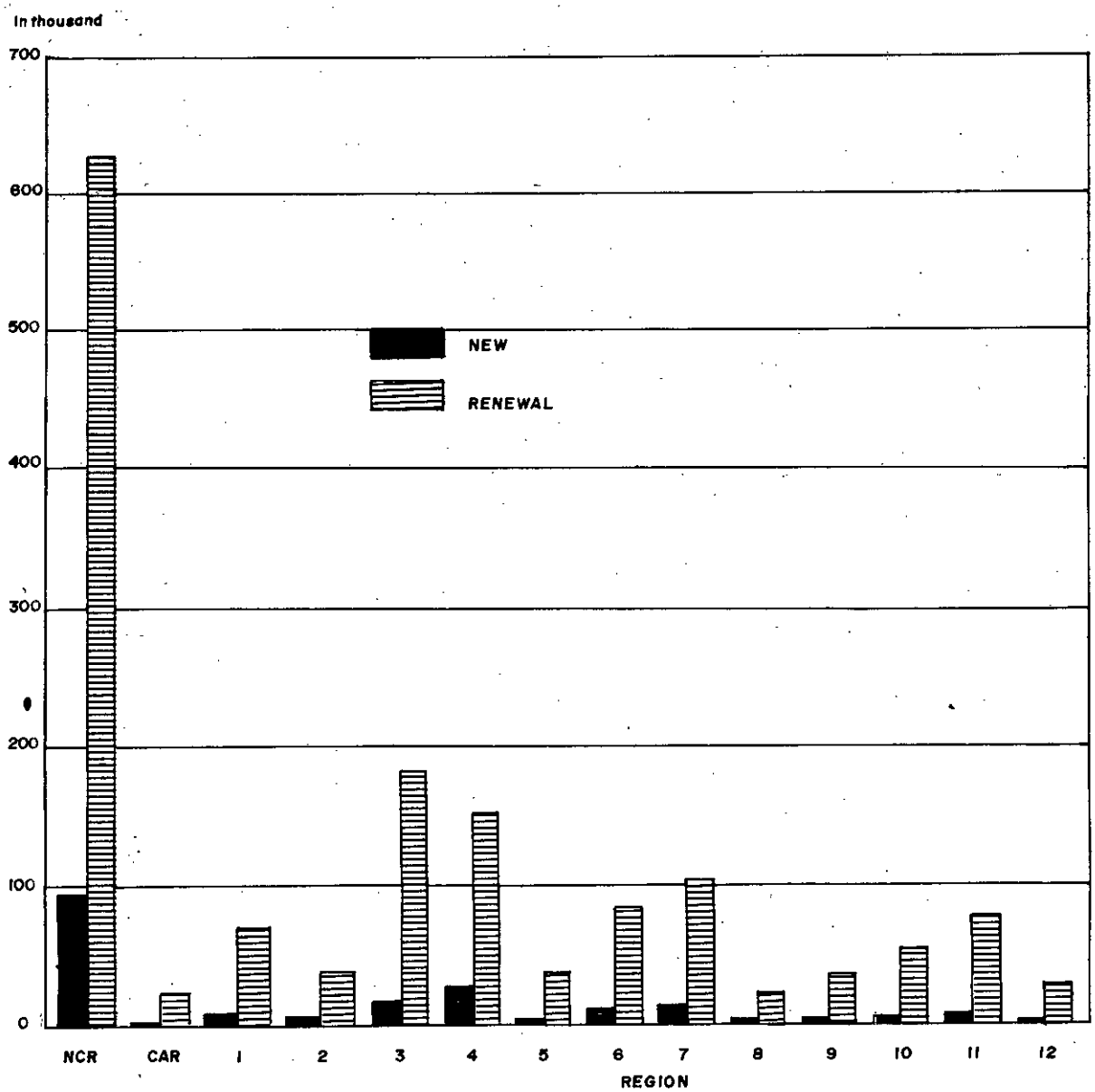

Table 13.6 – INTERNATIONAL AND COASTWISE SHIPPING MOVEMENTS 1980 TO 1991

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

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 P	62,070	29,806	60,016	28,189

* 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

Source: National Statistics Office.

Table 13.7 – NUMBER AND GROSS TONNAGE

Vessels by gross tonnage/ by type of service	1983		1984		1985		1986	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of essels	Gross tonnage
Total	796	1,064,279	698	2,703,026	835	4,334,241	819	4,393,786
Passenger ships	46	68,289	9	3,404	12	31,401	10	4,910
Cargo ships	179	916,972	216	2,314,287	278	4,168,829	256	4,105,828
Tanker	24	7,594	15	332,308	44	71,221	20	201,670
Tugs, dredges, etc.	43	5,740	26	4,891	38	9,115	39	5,312
Light barges, etc.	77	40,016	37	30,231	63	32,764	49	51,242
Fishing vessels	355	21,818	217	12,298	282	17,012	328	21,079
Sailing vessels	40	2,524	105	2,544	75	2,069	73	2,225
Pleasure yachts	14	566	13	391	7	296	5	90
Miscellaneous ships	18	760	60	2,672	36	1,534	39	1,430

Source: Vessel Safety and Maritime Transportation Office, (CG–8) Philippine Coast Guard.

OF REGISTERED PHILIPPINE VESSELS: 1983 to 1991

1987		1988		1989		1990		1991	
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
1,128	5,906,312	1,129	4,563,349	1,022	4,503,651	1,140	4,342,808	807	3,042,901
15	4,347	30	74,033	32	63,953	62	593,948	22	22,562
334	5,820,463	322	4,300,914	369	4,132,216	429	3,655,181	300	2,939,349
17	13,004	22	108,828	24	238,388	19	11,936	23	10,634
32	6,491	41	4,432	48	6,266	58	6,106	41	4,933
66	31,066	83	44,254	79	38,999	64	38,414	64	35,384
462	28,047	419	26,387	361	21,567	479	36,584	259	26,381
156	1,851	51	1,306	25	1,048	0	0	0	0
17	925	9	473	6	62	17	347	22	900
29	118	152	2,722	78	1,152	12	292	76	2,758

Table 13.8 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES SYSTEM-WIDE OPERATIONS, 1980 to 1991
(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

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

Source: Philippine Air Lines.

Table 13.9 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES DOMESTIC, 1980 to 1991
(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

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
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

Source: Philippine Air Lines.

Table 13.10 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, INTERNATIONAL, 1980 to 1991
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled 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

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
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

Source: Philippine Air Lines.

Table 13.11 – AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS, MANILA: 1975 to 1991

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

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 1991

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

Source: Air Transportation Office.

Table 13.13 – PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE: 1980 to 1991
(In kilometers)

Year	All types	Earth	Gravel	Asphalt	Concrete
Total					
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
National					
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
Local					
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

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.

* Update is not yet available

Source: Department of Public Works and Highways.

Table 13.14 – NUMBER AND LENGTH OF EXISTING BRIDGES IN THE PHILIPPINES: 1980 to 1991
(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

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.

* Update is not yet available

Source: Department of Public Works and Highways.

Table 13.15 – NUMBER OF OPERATIONAL PORTS, BY REGION: 1982 to 1991

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
Metro Manila Area (NCR)	12	3	1	0	–	8
Region 1	10	1	–	0	2	7
Region 2	2	–	2	0	–	–
Region 3	4	–	2	0	2	–
Region 4	52	2	9	0	12	29
Region 5	24	1	6	0	10	7
Region 6	53	1	3	0	9	40
Region 7	86	2	10	0	20	54
Region 8	36	1	7	0	17	11
Region 9	31	2	7	0	9	13
Region 10	67	3	4	0	29	31
Region 11	25	2	2	0	3	18
Region 12	27	2	4	0	5	16

* Starting 1988 municipal port includes other national port.

Source: Philippine Ports Authority.

Table 13.16 – NUMBER OF LICENSED RADIO

Type of station	1980	1981	1982	1983	1984
Total	20,022	23,670	33,121	44,593	50,014
Government	5,340	5,601	6,397	7,785	8,341
Private	14,682	18,069	26,724	36,808	41,673
Broadcast radio stations	377	583	778	752	795
Broadcast AM	236	416	560	589	622
Broadcast FM	77	86	137	142	152
Broadcast SW	64	81	81	21	21
Television stations	32	43	52	56	56
Fixed point to point stations	5,396	6,467	9,705	14,243	15,810
Commercial CP	...	3,534	5,035	8,571	9,692
Non-commercial CV	...	2,933	4,670	5,672	6,118
Coastal station	241	162	244	315	380
Aircraft radio station	729	590	702	790	895
Land base radio station	867	1,295	1,920	2,402	2,693
Land mobile radio station	1,619	2,744	5,617	9,198	10,668
Citizens band radio station	2,930	3,236	3,388	3,388	3,633
Amateur radio stations	601	744	1,070	1,734	2,559
Radio training stations	75	80	119	143	337
Fixed aeronautical stations	157	161	161	205	205
Ship stations	1,628	1,930	2,934	3,546	3,606
Maritime portable stations	30	34	34	36	36
Repeater stations	...	...	...	...	...
TV relay/x'lator	...	...	...	...	...
Portable	...	...	...	...	...
Radio navigation	...	...	...	...	...
Special stations/Earth Stations	...	...	...	...	...
Cellular Base	...	...	...	...	...
PRS Base	...	...	...	...	...
Cellular Mobile	...	...	...	...	...
PRS Mobile	...	...	...	...	...
PRS Port	...	...	...	...	...
PRS ML/P	...	...	...	...	...
TVRO	...	...	...	...	...
CATV	...	...	...	...	...
STL/Remote Control	...	...	...	...	...
BC AUX Transmitter	...	...	...	...	...
Remote Pick-up/BC(HF/SSB)	...	...	...	...	...
GPRS/Mobile/GPRS/Base/ GPRS/PORTA	...	...	...	...	...

Note: Data for 1975 – 1984 for Broadcast radio stations include ancilliaries and other transceivers licenses.
Data for 1987 are existing radio stations.

Source: National Telecommunications Commission.

STATIONS, BY TYPE OF STATION: 1980 to 1991

1985	1986	1987	1988	1989	1990	1991
52,695	22,511	28,117	31,587	40,435	53,725	65,967
8,604	1,698	1,917	2,015	2,312	2,543	3,292
44,091	20,813	26,200	29,572	38,123	51,182	62,675
378	417	411	389	359	560	384
294	231	218	273	249	434	256
80	76	83	111	105	117	123
4	110	110	5	5	9	5
68	41	51	42	42	43	58
16,277	5,413	6,122	6,463	6,895	7,505	8,083
10,129	1,600	992	973	1,202	1,315	1,328
6,148	3,813	5,130	5,490	5,693	6,190	6,755
403	137	763	642	677	680	726
962	449	18	472	38	497	498
2,824	2,064	2,533	2,652	2,734	3,083	3,466
12,086	5,870	5,290	6,920	7,373	8,049	8,897
3,633	903	912	492	482	566	465
2,976	3,150	7,900	7,853	12,826	15,733	19,143
357	64	85	85	105	113	122
210	32	68	69	130	168	73
3,881	2,259	1,884	2,269	2,654	2,774	2,995
36	0	0	0	0	0	0
...	...	...	43	143	170	553
...	7	92	45	62	70	74
...	...	...	1,043	1,401	3,066	5,031
...	...	...	5	11	12	6
...	7	71	88	90	0	88
...	...	...	...	3	0	5
...	...	...	...	543	2,051	3,089
...	...	...	...	0	0	217
...	...	...	...	359	1,675	2,326
...	...	...	...	1,196	4,367	6,105
...	...	...	...	...	...	73
...	...	...	...	...	...	16
...	...	...	...	...	...	10
...	...	...	...	...	...	33
...	...	...	...	...	...	4
...	...	...	...	...	...	33
...	...	...	...	...	...	102

Fig. 13.3 Number of Licensed Radio Stations by Ownership, 1982 to 1991

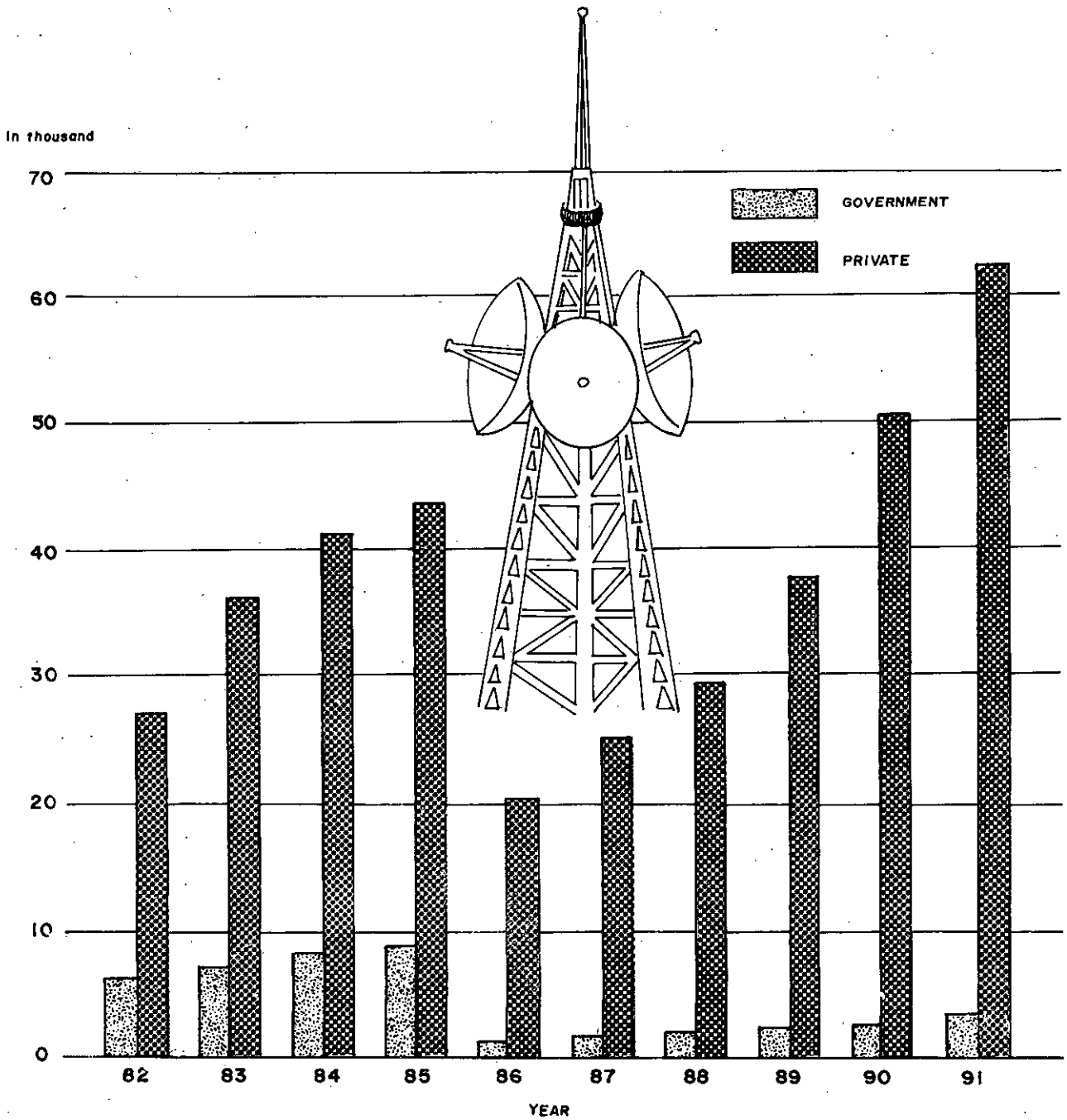

Table 13.17 – TELECOMMUNICATION FACILITIES AND BROADCASTING STATIONS IN THE PHILIPPINES, BY REGION, 1991

Region	Telephone		Telegraph Stations	Telex Stations	Facsimile Stations	Radio Telephone	Radio Stations
	Lines	Exchange					
Philippines	788,930	290	1,535	66	5	115	65,967
NCR	546,604	44	0	0	0	0	26,947
CAR	11,036	3	56	1	0	3	0
Region 1	15,711	26	116	5	0	6	2,542
Region 2	5,316	11	92	5	0	5	781
Region 3	39,493	47	111	9	0	8	4,289
Region 4	39,348	52	222	7	0	36	2,831
Region 5	7,300	16	124	8	0	20	1,727
Region 6	23,538	18	136	4	2	4	4,854
Region 7	53,384	15	127	5	1	4	7,847
Region 8	7,000	10	147	4	0	7	773
Region 9	6,072	7	90	3	0	3	1,902
Region 10	10,490	17	111	7	1	7	4,962
Region 11	19,876	18	98	5	1	6	5,000
Region 12	3,762	6	105	3	0	6	1,512

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 1991

Year/Region	Capacity	Total Connections	Population (000)	Tel. Density Per 100 population
1989	657,818	987,890	60,097	1.644
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
1991	788,894		62,867	1.255
NCR	546,604		8,178	6.684
Region 1	26,711		4,371	0.611
Region 2	5,316		2,912	0.183
Region 3	39,493		6,282	0.629
Region 4	39,348		8,313	0.474
Region 5	7,300		4,484	0.163
Region 6	23,538		5,789	0.407
Region 7	53,384		4,701	1.136
Region 8	7,000		3,420	0.205
Region 9	6,072		3,262	0.186
Region 10	10,490		3,706	0.283
Region 11	19,876		4,436	0.448
Region 12	3,762		3,013	0.125

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 13.18 – NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP: FY 1949–50 to CY 1991

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

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 1991

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	175,714,375	980,569,461	21.95

Source: Postal Service Office.

Fig, 13.4 Summary of Mail Volume Handled, 1982 to 1991

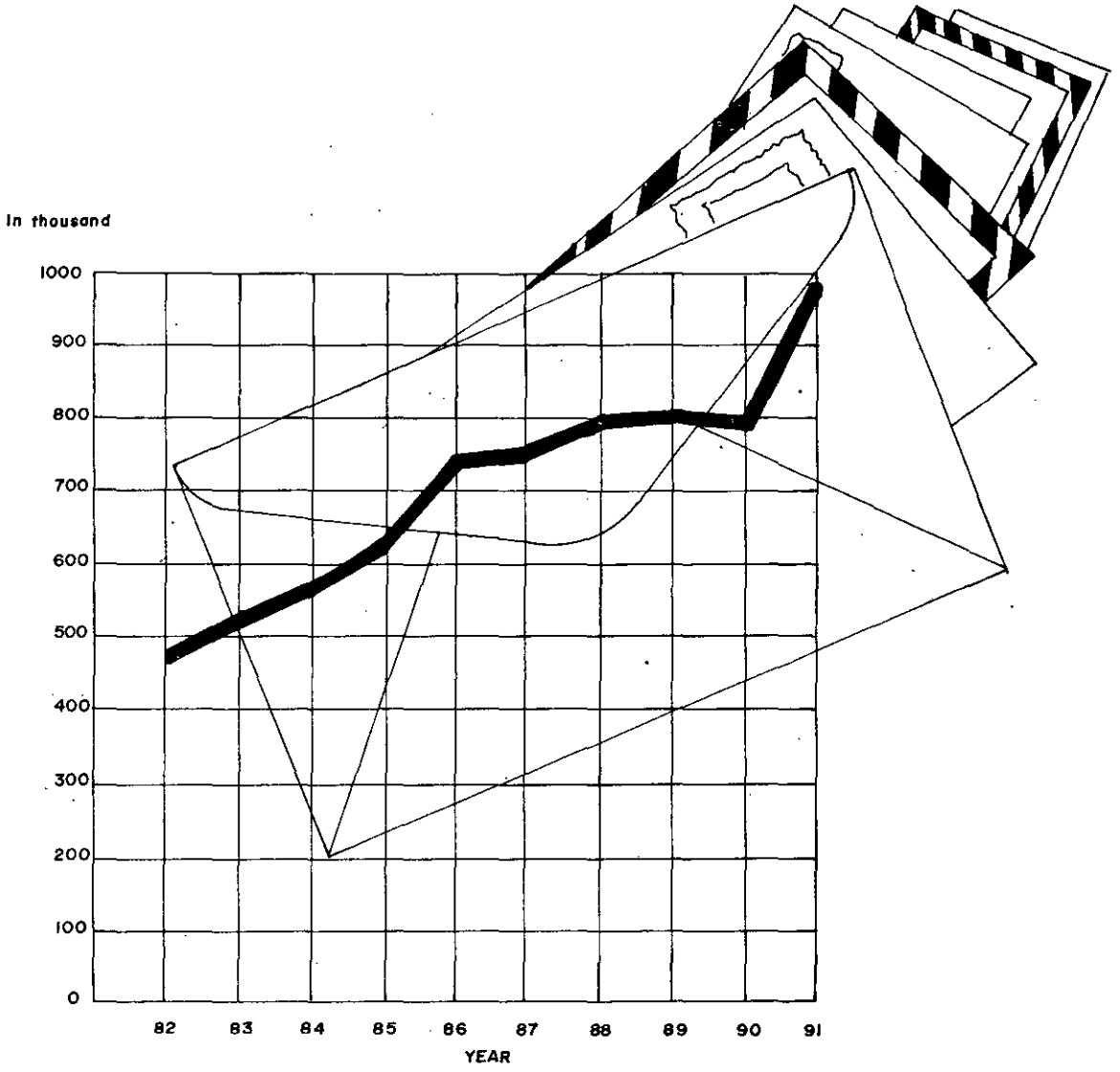

Table 13.20 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Desti

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1987						
All Commodities	70,742	249,199	26,955	82,770	78	568
Metropolitan Manila Area (NCR)	14,958	74,626	7	111	27	256
Region 1	-	-	-	-	-	-
Region 3	1,216	2,847	51	227	28	167
Region 4	24,137	52,723	15,639	32,513	14	74
Region 5	30,431	119,002	11,257	49,919	9	72
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	-	-

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

FLOW IN THE PHILIPPINES
RAIL, 1987 to 1991
Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
1,635	5,563	19,163	64,139	22,911	96,159
251	1,865	921	6,546	13,751	65,849
-	-	-	-	-	-
1,115	2,243	6	42	16	168
225	1,163	3,989	7,511	4,270	11,462
44	292	14,247	50,039	4,873	18,680
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

Table 13.21 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Desti

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1988						
All Commodities	41,551	4,565,113	23,573	2,320,739	23	4,172
Metropolitan Manila Area (NCR)	11,892	1,442,914	*	*	13	2,780
Region 1	222	70,854	13	65,745	*	1
Region 2	176	114,409	56	107,943	2	76
Region 3	–	–	–	–	–	–
Region 4	1,171	81,668	1,163	80,245	*	152
Region 5	761	69,205	671	46,363	*	52
Region 6	4,993	194,078	4,255	165,875	1	116
Region 7	10,271	739,922	6,762	160,634	4	665
Region 8	448	28,820	407	25,948	*	5
Region 9	1,696	143,641	1,256	60,277	1	115
Region 10	1,997	130,272	1,824	117,030	*	43
Region 11	7,066	1,509,283	6,399	1,460,146	1	117
Region 12	860	40,047	768	30,533	*	50
1989						
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

Notes : Details may not add up to totals due to rounding.
* less than half the unit employed

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
AIR, 1988 to 1991
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
187	14,073	–	–	700	111,118	291	75,433
20	6,496	–	–	683	107,751	228	51,508
50	1,257	–	–	2	121	*	42
117	6,257	–	–	*	5	*	17
–	–	–	–	–	–	–	–
*	15	–	–	1	206	*	273
*	2	–	–	5	192	10	20,004
*	2	–	–	4	521	1	287
*	5	–	–	4	2,117	42	2,742
*	1	–	–	*	2	*	37
*	2	–	–	*	37	4	196
*	8	–	–	1	24	1	104
*	16	–	–	1	139	2	184
*	13	–	–	*	2	*	38
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

Table 13.21 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Year/Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1988						
All Commodities	**3,853**	**371,726**	**4,845**	**556,397**	**1,081**	**200,496**
Metropolitan Manila Area (NCR)	2,574	271,750	3,287	385,475	660	106,744
Region 1	137	2,846	3	165	1	44
Region 2	*	49	*	31	*	1
Region 3	–	–	–	–	–	–
Region 4	1	260	4	264	*	18
Region 5	8	559	59	1,612	1	33
Region 6	2	186	658	22,130	6	390
Region 7	1,053	89,661	115	103,385	393	92,152
Region 8	5	204	34	2,438	–	–
Region 9	7	651	220	12,255	14	640
Region 10	5	1,843	92	7,018	4	219
Region 11	59	3,142	345	17,239	3	211
Region 12	3	573	28	4,384	*	43
1989						
All Commodities	**4,591**	**464,169**	**6,194**	**608,981**	**1,253**	**159,309**
Metropolitan Manila Area (NCR)	3,612	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

FLOW IN THE PHILIPPINES
AIR, 1988 to 1991 (continued)
Value in thousand pesos)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,740	252,357	1,620	255,491	3,194	313,340	442	89,774
828	106,067	1,364	162,677	1,928	202,744	306	38,921
2	113	1	144	13	318	*	58
*	1	*	21	*	4	*	6
–	–	–	–	–	–	–	–
*	31	*	97	*	106	*	4
2	123	2	132	2	114	*	17
8	684	14	1,106	42	2,511	2	269
614	74,391	115	70,588	1,109	98,190	60	45,391
1	61	1	24	1	84	*	15
117	60,167	5	931	53	6,700	17	1,670
21	1,166	4	327	44	2,370	1	120
142	8,779	112	19,119	*	19	1	172
4	774	*	324	1	180	55	3,131
2,409	347,296	1,668	352,691	4,074	319,292	521	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

Table 13.21 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Desti

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1990						
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
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

FLOW IN THE PHILIPPINES
AIR, 1988 to 1991 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

Table 13.21 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Year/Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
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
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

FLOW IN THE PHILIPPINES
AIR, 1988 to 1991 (continued)
Value in thousand pesos)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

Table 13.22 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Year/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR) Quantity	Metropolitan Manila Area (NCR) Value	Region 1 Quantity	Region 1 Value
						Desti
1989						
All Commodities	19,258,473	142,467,693	2,032,812	30,367,304	91,380	551,519
Metropolitan Manila Area (NCR)	5,113,858	33,717,058	491	5,810	-	-
Region 1	437,022	2,668,620	3,405	17,812	-	-
Region 2	17,511	127,877	2,348	29,842	-	-
Region 3	47,198	224,759	2,388	26,603	-	-
Region 4	1,319,654	12,657,512	137,930	1,487,056	7,804	11,103
Region 5	497,456	2,824,882	29,609	366,874	-	-
Region 6	2,053,790	17,095,037	421,371	6,791,339	-	-
Region 7	3,583,901	25,483,344	556,867	7,957,955	137	678
Region 8	1,286,024	14,561,610	122,236	1,964,213	79,434	519,218
Region 9	711,755	5,286,484	71,096	931,593	-	-
Region 10	1,735,101	10,917,624	234,749	3,861,190	4,000	20,488
Region 11	1,215,541	11,372,461	357,116	5,738,787	5	32
Region 12	1,239,662	5,530,425	93,206	1,188,230	-	-
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	-	-

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

FLOW IN THE PHILIPPINES
WATER, 1989 to 1990
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
-	-	2,775,169	16,574,284	3,056,642	23,624,556	396,889	7,679,904
-	-	1,372,054	7,945,970	251,461	1,612,755	24,446	174,046
-	-	135,634	910,751	251,307	1,502,478	1,250	5,674
-	-	13,595	87,529	1	11	-	-
-	-	5,396	35,093	15,129	74,411	116	1,637
-	-	219,164	1,295,788	779,105	8,977,830	9,628	30,173
-	-	49,078	267,504	156,872	867,938	34,214	285,388
-	-	259,565	1,705,768	317,965	2,364,362	17,234	50,894
-	-	262,068	1,454,175	529,930	3,339,665	43,500	232,520
-	-	82,329	598,087	128,096	723,825	236,836	6,757,340
-	-	58,730	456,507	57,830	435,803	721	6,922
-	-	129,988	702,283	147,812	961,931	11,725	20,624
-	-	91,619	553,638	340,573	2,254,880	325	10,204
-	-	95,949	561,191	80,561	508,667	16,894	104,482
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

Table 13.22 – REGIONAL COMMODITY BY MODE OF TRANSPORT: (Quantity in thousand kilograms;

Desti

Year/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1989						
All Commodities	2,154,546	12,694,987	2,911,058	19,748,891	829,719	4,183,190
Metropolitan Manila Area (NCR)	1,339,750	6,984,981	297,489	2,780,378	281,701	1,207,480
Region 1	-	-	9,676	103,155	23,750	115,250
Region 2	646	986	912	9,436	-	-
Region 3	8,253	56,105	927	4,449	10,700	19,400
Region 4	26,890	162,145	37,719	274,559	10,577	38,632
Region 5	27,938	208,609	68,691	556,149	7,818	44,575
Region 6	328,678	2,158,860	355,689	2,950,230	81,648	411,585
Region 7	260,449	1,760,400	390,410	3,546,131	186,213	1,003,052
Region 8	31,514	231,809	388,014	2,379,399	31,152	203,474
Region 9	70,374	607,100	88,538	883,127	9,790	32,805
Region 10	17,257	144,826	980,231	4,009,601	71,202	522,208
Region 11	28,140	261,148	162,873	1,436,593	48,940	194,200
Region 12	14,657	118,018	129,889	815,684	66,228	390,529
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

FLOW IN THE PHILIPPINES
WATER, 1989 to 1990 (continued)
Value in thousand pesos)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
507,616	3,906,438	1,536,766	8,551,421	1,611,289	9,421,513	1,354,587	5,163,686
78,761	817,992	446,751	2,839,485	680,025	6,863,321	340,929	2,484,840
-	-	-	-	12,000	13,500	-	-
-	-	9	73	-	-	-	-
-	-	4,289	7,061	-	-	-	-
11,286	89,207	45,314	192,383	22,397	39,184	11,840	59,452
-	-	48,739	110,859	59,140	85,145	15,357	31,841
6,447	73,838	112,091	338,634	91,847	121,178	61,255	128,349
95,479	631,176	625,184	3,161,215	514,260	1,711,950	119,404	684,427
314	3,471	74,732	1,029,997	95,939	111,025	15,428	39,752
217,529	1,496,442	34,121	105,844	50,107	153,424	52,919	176,917
21,400	163,930	90,484	431,170	9,575	20,546	16,678	58,827
37,900	423,853	10,231	72,666	62,360	237,871	75,459	188,589
38,500	206,529	44,821	262,034	13,639	64,369	645,318	1,310,692
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

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 goverment 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 a 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 certiricates 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 (OEA), National Irrigation Administration (NIA) and Local Water Utilities Administration (LWUA).

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Table 14.1 – ENERGY CONSUMPTION BY SOURCE: 1982 TO 1991
(In Million Barrels of Fuel–Oil Equivalent, MBFOE)

Energy Source	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
TOTAL	95.46	98.47	93.78	92.07	93.29	100.05	108.12	117.24	120.58	118.17
INDIGENOUS ENERGY	30.21	34.02	39.11	40.58	41.35	38.16	40.28	41.76	41.31	40.59
I. Conventional	16.96	19.43	24.10	24.39	25.13	22.83	25.84	26.23	25.22	25.54
Oil	2.95	4.65	3.54	2.41	2.85	1.75	1.91	1.72	1.53	1.04
Coal	1.11	2.63	3.65	3.84	4.02	4.27	4.78	4.17	3.82	5.70
Hydro	6.65	5.12	9.10	9.61	10.37	9.00	10.80	11.18	10.45	8.87
Geothermal	6.25	7.03	7.81	8.53	7.89	7.81	8.35	9.16	9.42	9.93
II. Non-Conventional	13.25	14.60	15.01	16.19	16.22	15.33	14.44	15.53	16.09	15.05
Bagasse	7.35	5.48	6.57	4.36	4.09	3.54	4.59	6.14	5.42	6.15
Agriwaste	5.82	9.06	8.25	11.63	11.65	11.23	9.33	9.12	10.35	8.54
Others	0.08	0.06	0.19	0.20	0.48	0.56	0.52	0.27	0.32	0.36
IMPORTED ENERGY	65.25	66.45	54.67	51.49	51.93	61.89	67.84	75.48	79.27	77.58
Oil	65.25	63.54	52.64	47.28	49.76	59.18	64.25	72.48	76.20	74.25
Coal	-	0.91	2.03	4.21	2.17	2.71	3.59	3.00	3.07	3.33

Source: Office of Energy Affairs.

Table 14.2 – CRUDE OIL SOURCES
(Volume in thousand barrels;

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 regions	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 regions	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.

BY COUNTRY OF ORIGIN: 1977 TO 1991
CIF value in thousand US dollars)

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	
Volume	Value	Volume	Value	Volume	Value
70,886	1,199,096	80,098	1,724,930	66,611	1,244,322
55,413	920,340	65,530	1,373,670	50,337	898,720
9,696	157,737	25,659	581,653	34,682	617,474
10,024	166,298	6,748	110,179	0	0
15,137	254,165	5,331	140,391	11,408	199,833
4,224	72,036	3,843	65,844	0	0
-	-	-	-	0	0
2,273	39,647	4,009	79,420	4,247	81,413
9,929	156,635	17,777	350,648	0	0
-	-	1,030	16,607	0	0
-	-	-	-	0	0
4,130	73,823	1,133	28,928	0	0
15,473	278,756	14,568	351,259	16,274	345,602
-	-	708	24,814	1,432	31,283
7,859	148,256	7,474	176,562	7,130	159,873
2,219	42,548	4,491	112,477	4,562	98,601
3,875	58,845	1,154	18,792	2,989	52,440
-	-	-	-	0	0
1,520	29,106	430	9,538	0	0
-	-	311	9,076	161	3,405

Fig. 14.1 Energy Consumption by Source, 1982 to 1991

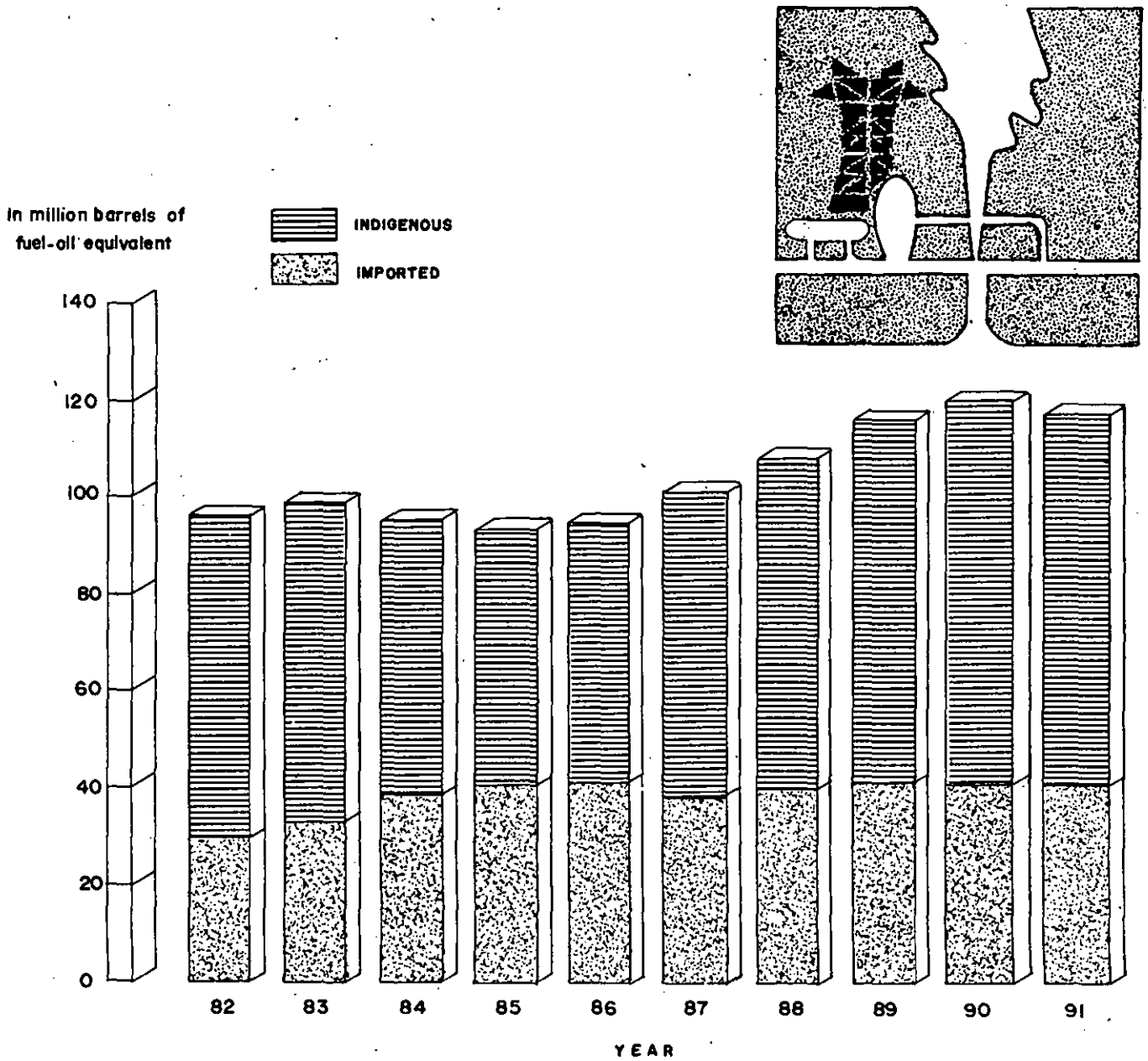

Table 14.3 – PETROLEUM PRODUCTS CONSUMPTION, BY TYPE: 1982 TO 1991
(In thousand barrels)

Product	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
TOTAL	74,871	74,850	61,659	55,122	57,737	67,136	72,570	81,584	85,465	82,922
Avgas	59	51	39	36	35	36	39	39	36	28
Avturbo	3,436	2,659	2,824	2,710	2,716	3,304	3,758	4,281	3,983	3,892
Premium gasoline	5,941	6,206	5,954	5,885	6,334	7,055	7,751	8,829	9,390	8,112
Regular gasoline	3,270	2,971	2,717	2,562	2,806	3,090	3,248	3,471	3,465	2,965
Diesel	18,568	18,879	17,090	15,702	16,223	17,839	19,188	22,227	25,220	26,534
Fuel oil	32,971	33,690	24,390	20,037	21,511	26,645	28,002	30,349	30,375	28,570
Kerosene	2,803	2,569	2,269	2,074	2,273	2,545	2,815	3,456	3,704	3,579
LPG	2,524	2,533	2,225	2,231	2,464	2,843	3,503	4,183	4,599	4,742
Propylene	-	-	-	-	-	-	-	-	-	-
Asphalts	462	538	347	284	289	282	317	342	286	326
Refinery process gas	105	185	147	-	200	-	-	-	-	-
Solvents	297	270	155	160	-	246	288	297	267	182
Naptha	476	349	206	616	-	-	-	-	-	-
Lubes	939	1,067	796	710	747	897	887	1,058	1,070	907
Greases	25	29	21	17	-	-	-	-	-	-
Waxes and petrolatum	2	1	-	-	-	-	3	-	-	15
Refinery fuel and loss	2,993	2,853	2,479	2,098	2,139	2,354	2,771	3,052	3,070	3,070

Source: Office of Energy Affairs.

Table 14.4 – PETROLEUM PRODUCTS SALES TO INDUSTRIAL CONSUMERS BY SECTOR: 1982 TO 1991
(In million barrels)

Sector	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
TOTAL	46.1	47.8	36.8	33.6	34.94	38.8	44.4	48.1	50.8	47.3
Cement	3.0	2.1	0.3	0.1	0.2	0.4	0.5	1.6	1.1	0.5
Sugar	1.1	1.0	0.6	0.6	0.7	0.8	0.9	1.0	0.9	0.8
Coconut and Vegetable Oil	0.8	0.7	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3
Mining	3.2	2.4	1.6	1.0	2.3	2.3	2.5	2.6	2.5	1.9
Power Generation	17.8	20.0	11.8	11.0	9.0	16.4	13.8	17.0	20.1	19.6
Fertilizer	0.2	0.4	0.2	a	a	a	a	a	0.1	0.1
Logging / Wood	1.1	1.0	0.8	0.7	0.5	0.6	0.6	0.6	0.5	0.4
Paper Processing	0.7	1.0	0.8	0.5	0.8	1.0	1.0	1.0	1.0	1.0
Lube Refinery	1.2	0.6	3.3	2.6	3.1	0.5	4.5	3.8	0.7	5.2
Textile Mills	0.8	0.8	0.5	0.5	0.5	0.8	0.9	0.9	0.8	0.9
Land Transport	2.0	2.1	1.8	1.5	1.6	1.9	1.9	2.0	2.0	1.9
Domestic Marine	1.9	1.7	1.4	1.3	-	1.4	1.5	1.8	2.0	2.0
Domestic Aviation	0.8	0.7	1.8	1.7	1.7	1.0	1.9	0.8	0.9	0.8
Fishing Trade	0.7	0.9	0.9	0.8	1.0	1.2	1.4	1.5	1.6	1.6
Glass Manufacturing	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5
Steel/Metal/Nickel Processing	2.6	2.2	0.3	0.5	0.4	0.6	0.8	0.9	1.0	0.9
Contractors	1.2	1.3	0.6	0.4	0.3	0.4	0.5	0.7	0.6	0.7
Ceramics	0.2	0.1	0.1	a	0.1	0.2	0.2	0.2	0.2	0.2
Rubber and Tires	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1
Chemicals	0.5	0.5	0.4	0.4	0.4	0.6	0.9	0.7	0.7	0.7
Tobacco	0.1	0.1	0.1	0.1	a	0.1	a	0.1	0.1	0.1
Food Processing	0.6	1.1	1.2	0.9	1.0	1.2	1.4	1.6	1.7	0.7
Resellers	0.1	-	0.8	-	-	-	-	-	-	-
All Others	4.8	6.5	6.8	8.3	8.4	6.4	8.2	8.2	8.1	6.4
Refinery Fuel and Loss	-	-	-	-	2.1	-	-	-	3.1	-

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 1991
(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	25,244	5,950	4,850	8,982	1,140	1,097	3,225
1991	25,649	6,244	4,869	9,339	930	1,086	3,181

Source: Office of Energy Affairs.

Table 14.6 – POWER GENERATION BY UTILIY: 1981 TO 1991
(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	-

Source: Office of Energy Affairs.

Table 14.7 INSTALLED GENERATING CAPACITIES OF POWER UTILITIES BY PLANT TYPE: 1988 TO 1991
(In megawatts)

Plant Type/Utility	1988	1989	1990	1991
TOTAL PHILIPPINES	6,640	6,863	6,582	6,789
NPC	...	6,006	...	...
Meralco	...	105	...	...
Private Utilities	...	159	...	...
NEA Cooperatives	...	53	...	...
Self-generating Industries	...	540	...	...
HYDRO	2,139	2,147	2,153	2,155
NPC	2,124	2,132	2,137	...
NEA Cooperatives	15	15	16	...
Private Utilities	–	–	–	...
COAL	525	525	405	405
NPC	405	405	...	...
Private Utilities	–	–	...	...
Self-generating Industries	120	120	...	...
GEOTHERMAL	894	888	888	888
NPC	894	888	888	888
OIL/DIESEL	2,915	3,136	3,136	3,341
NPC	...	2,581	2,611	...
Meralco	...	105	75	...
NEA Cooperatives	...	38	38	...
Private Utilities	...	159	159	...
Self-generating Industries	...	253	253	...
NON-CONVENTIONAL	167	167	...	...
NEA Cooperatives	–	–	...	...
Self-generating Industries	167	167	...	...

Source: Office of Energy Afffairs.

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 1991
(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

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 1991
(Area in hectares)

Year	Total	National	Communal	Pump/Private 1/
1976	69,991	18,030	42,382	9,579
1977	69,379	20,232	39,299	9,848
1978	45,747	17,316	18,628	9,803
1979	43,170	15,763	23,566	3,841
1980	48,263	20,147	27,659	457
1981	47,248	24,918	22,330	–
1982	60,472	28,451	32,021	–
1983	49,336	34,601	14,735	–
1984	29,978	20,008	9,970	–
1985	27,943	21,651	6,292	–
1986	24,642	20,913	3,729	–
1987	19,274	14,983	4,291	–
1988	25,948	14,428	11,520	–
1989	27.530	16,225	11,305	–
1990	24,753	5,883	18,870	–
1991	14,246	4,585	9,661	–

1/ – Since 1981, the Agency discontinued the development of pump sytems due to uneconomical cost of O & M.

Source: National Irrigation Administration.

Table 14.11 – IRRIGATION DEVELOPMENT BY REGION: 1991
(Area in hectares)

Region	Potential Irrigable Area 1/	Service Area			
		Total	National	Communal	Private
Philippines	3,299,917	1,522,392	645,789	724,476	152,128
1	400,594	185,054	45,386	134,148	5,520
2	549,565	279,115	155,662	86,860	36,593
3	489,780	280,893	172,064	85,883	22,946
4	286,464	158,265	56,655	73,663	27,948
5	222,321	89,090	20,223	51,924	16,943
6	217,375	109,538	53,500	34,361	21,677
7	62,873	21,863	–	19,382	2,481
8	126,067	56,728	15,633	38,919	2,176
9	78,453	37,799	13,348	21,647	2,804
10	255,767	72,035	23,332	46,658	2,045
11	257,272	124,451	50,876	66,703	6,872
12	353,386	107,561	39,110	64,328	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. Initial estimates of the study indicate that thepotential irrigable area could be more than 4.0M hectares of easily irrigable area and 1.6M hectares sugar lands and under tree crops, swamps, etc. that are more difficult to irrigate.

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 (CBP), 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 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: 1981 TO 1992
(In million pesos)

Item	1981	1982	1983	1984	1985	1986
Revenues	40,530	38,267	46,642	57,150	68,961	79,245
Current operating Expenditures	46,510	82,138	87,584	100,645	135,423	163,940
Capital outlays and Net Lending	17,610	16,428	16,146	3,480	12,338	6,974
Net Budgetary Surplus/Deficit	(5,970)	(12,133)	(8,381)	(9,995)	(11,187)	(28,811)
Financing	5,970	10,152	11,019	18,080	12,958	21,612
Domestic (net)	1,577	–	–	–	13,298	15,022
External (net)	4,393	–	–	–	(340)	6,590

Item	1987	1988	1989	1990	1991	1992
Revenues	103,214	112,861	142,136	180,900	230,800	278,900
Current operating Expenditures	209,885	255,852	284,166	177,900	200,100	213,500
Capital outlays and Net Lending	12,661	13,331	25,534	40,200	57,300	69,200
Net Budgetary Surplus/Deficit	(19,459)	(24,184)	(14,547)	(37,200)	(26,600)	(3,800)
Financing	41,118	64,629	14,539	37,200	26,600	3,800
Domestic (net)	34,337	47,339	1,644	33,100	16,500	(18,600)
External (net)	6,781	17,290	11,395	4,100	10,100	22,400

Source: Budget of Expenditures and Sources of Financing,
Department of Budget and Management.

NOTE: 1990, 1991 and 1992 are based on Fiscal Program;
Cash Budget Program is no longer available.

Table 15.2 – NATIONAL GOVERNMENT
(In million

ITEM	1978	1979	1980	1981	1982	1983
Total Revenues	24,103	29,470	34,077	34,600	38,306	46,641
1. Tax revenue	20,445	25,525	28,833	30,062	33,900	39,848
a. Taxes on net income and profits	5,111	6,805	8,761	9,710	8,406	9,056
b. Taxes on property	532	201	196	217	262	301
Real property taxes	96	120	121	171	156	199
Transfers taxes	436	81	75	46	106	102
c. Taxes on goods and services	6,466	8,739	9,332	9,851	12,243	13,106
General sales, turnover or value added taxes	1,629	2,310	2,602	2,283	2,201	1,942
Selective taxes on goods	4,106	5,473	5,626	6,215	6,611	7,394
Selective taxes on services	101	31	30	9	2,107	2,201
Taxes on use of goods or permissions to perform activities and others	630	925	1,074	1,344	1,324	1,569
d. Taxes on international trade and transactions	7,816	9,266	9,904	9,771	12,253	16,522
Import duties & taxes	7,378	8,529	9,438	9,425	11,809	16,225
Export taxes	438	737	425	305	287	263
Others	0	0	41	41	157	34
e. Other taxes	520	514	640	513	736	863
Stamps taxes	274	349	340	188	678	781
Residence taxes	5	5	1	0	0	0
Others	241	160	299	325	58	82
2. Non-tax revenue	3,658	3,945	5,244	4,538	4,406	6,793
a. Non-tax revenue proper	3,322	3,717	5,020	4,278	4,117	6,474
b. Capital revenue	125	4	2	3	3	3
c. Grants	211	224	222	257	286	316

Source: Bureau of the Treasury.

REVENUES, BY TYPE: 1978 TO 1991
pesos)

1984	1985	1986	1987	1988	1989	1990	1991
56,861	67,958	79,245	103,214	112,861	154,240	180,644	225,642
50,118	60,253	65,491	85,923	90,352	122,462	150,316	182,831
12,139	18,655	19,148	21,799	27,409	37,592	48,549	61,053
271	173	205	239	384	659	279	189
162	106	123	177	306	537	84	22
109	67	82	62	78	122	195	167
18,793	22,677	26,659	35,893	33,207	42,040	50,745	51,155
2,995	3,018	3,712	5,931	7,495	10,156	13,079	14,951
11,432	14,024	16,383	22,641	19,597	24,857	28,875	25,411
2,384	3,566	4,553	4,727	3,571	4,596	6,207	7,967
1,982	2,069	2,011	2,594	2,544	2,431	2,584	2,826
17,756	17,444	17,851	26,274	25,580	38,919	46,005	65,521
15,448	15,785	16,859	25,977	25,011	38,375	45,383	64,947
1,737	997	637	15	3	0	0	0
571	662	355	282	566	544	622	574
1,159	1,304	1,628	1,718	3,772	3,252	4,738	4,913
950	1,176	1,451	1,472	2,534	3,033	3,544	4,837
0	0	0	0	0	0	0	0
209	128	177	246	1,238	219	1,194	76
6,743	7,705	13,754	17,291	22,509	31,778	30,328	42,811
6,428	7,322	13,219	15,568	20,723	25,093	20,026	35,564
4	3	4	5	11	4,984	7,921	4,175
311	380	531	1,718	1,775	1,701	2,381	3,072

Table 15.3 – SECTORAL ALLOCATION OF EXPENDITURES, 1990–1992

PARTICULARS	LEVELS (In Billion Pesos)			GROWTH RATE		PERCENT DISTRIBUTION		
	1990	1991	1992	1990–91	1991–92	1990	1991	1992
TOTAL	255.8	298.9	308.4	16.8	3.2	100.0	100.0	100.0
SOCIAL SERVICES	49.1	65.0	67.4	32.4	3.7	19.2	21.7	21.9
Education and Manpower Development	33.5	38.8	40.3	15.8	3.9	13.1	13.0	13.1
Health	7.9	9.5	11.2	20.3	17.9	3.1	3.2	3.6
Social Security, Labor and Employment	2.2	5.9	5.9	168.2	0.0	0.9	2.0	1.9
Housing and Community Development	0.7	0.8	0.8	14.3	0.0	0.3	0.3	0.3
Land Distribution	1.5	2.6	2.5	73.3	(3.8)	0.6	0.9	0.8
Others	3.3	7.4	6.7	124.2	(9.5)	1.3	2.5	2.2
ECONOMIC SERVICES	51.9	59.0	66.8	13.7	13.2	20.3	19.7	21.7
Agriculture, Agrarian Reform, and Natural Resources	15.1	18.0	18.7	19.2	3.9	5.9	6.0	6.1
Trade, Industry and Tourism	1.7	1.4	1.7	(17.6)	21.4	0.7	0.5	0.6
Power and Energy	6.8	1.8	2.5	(73.5)	38.9	2.7	0.6	0.8
Water Resources Development	3.8	4.0	4.8	5.3	20.0	1.5	1.3	1.6
Communication and Transport	17.1	22.3	25.2	30.4	13.0	6.7	7.5	8.2
Others	7.4	11.5	13.8	55.4	20.0	2.9	3.8	4.5
DEFENSE	22.7	25.2	26.3	11.0	4.4	8.9	8.4	8.5
Domestic security	14.5	15.9	17.5	9.7	10.1	5.7	5.3	5.7
Peace and order	8.1	9.3	8.8	14.8	(5.4)	3.2	3.1	2.9
GENERAL PUBLIC SERVICES	23.6	26.1	33.3	10.6	27.6	9.2	8.7	10.8
DEBT BURDEN	108.5	123.6	114.5	13.9	(7.4)	42.4	41.4	37.1

Sources: Department of Budget and Management

Fig. 15.1 Sectoral Allocation of Expenditures, 1992

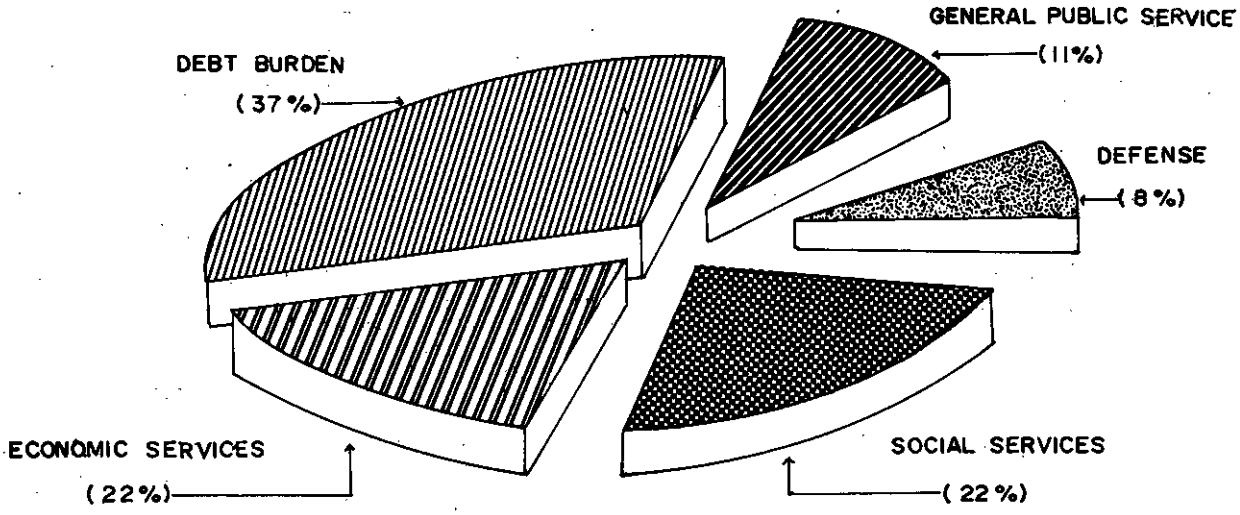

Fig. 15.2 Allocation for Public Investment by Region, 1991

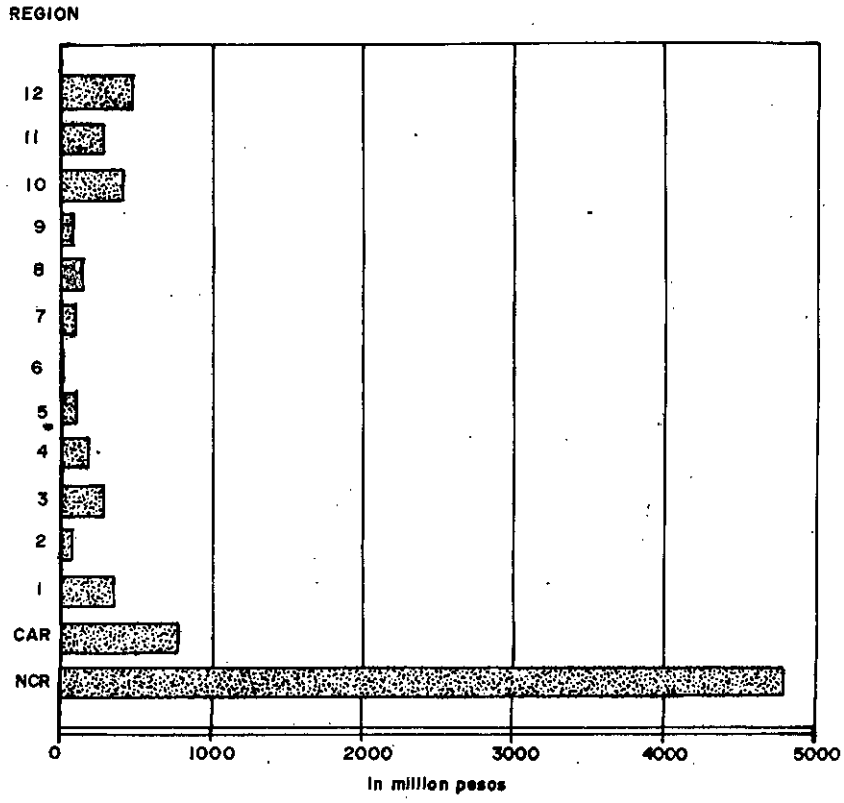

Table 15.4 – NATIONAL GOVERNMENT EXPENDITURES
(In thousand

Type of expenditure	1979	1980	1981	1982	1983
National Government Expenditures	41,738.9	41,424.0	49,481.0	55,854.0	61,798.0
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
2. Maintenance & other operating expenses	10,155.0	8,823.0	9,000.0	10,954.0	10,235.0
a. Travelling expenses		655.0	598.0	727.0	889.0
b. Communication services		–	–	76.0	88.0
c. Repairs & maintenance of government facilities		1,106.0	1,142.0	1,502.0	1,329.0
d. Transportation services		–	–	148.0	151.0
e. Other services		3,493.0	2,628.0	3,554.0	3,284.0
f. Supplies and materials		1,852.0	2,289.0	2,685.0	2,832.0
g. Rent expense		–	–	189.0	247.0
h. Maintenance of motor vehicles used for official travel of officials & employees		581.0	600.0	604.0	751.0
i. Water, illumination & power service		–	–	305.0	310.0
j. Discretionary expenses, representation and emergency expenses		–	–	197.0	205.0
k. Others		1,136.0	1,743.0	967.0	149.0
3. Debt Service	1,994.2	6,169.0	6,266.0	8,591.0	11,251.0
a. Interest payments	1,651.7	2,293.0	2,369.0	3,560.0	4,928.0
b. Loan repayment & sinking fund contribution	342.5	3,876.0	3,897.0	5,031.0	6,323.0
Net lending					
4. Transfer payments	9,101.0	2,698.0	3,196.0	2,913.0	4,219.0
a. Grants, subsidies & contributions	–	2,698.0	3,196.0	2,685.0	3,941.0
b. Awards and indemnities	–	–	–	228.0	278.0
c. SSS benefits & other claims (retirement benefits & gratuities)	–	–	–	–	–
5. Capital Outlay	12,195.0	14,009.0	19,058.0	19,779.0	21,625.0
a. Land & land improvement; building & structure outlay	8,036.5	7,202.0	7,122.0	6,772.0	8,530.0
b. Furniture & equipment outlay	352.1	392.0	371.0	820.0	833.0
c. Investment outlay	3,321.0	6,108.0	10,890.0	8,820.0	6,377.0
d. Loans outlay	485.4	307.0	675.0	3,367.0	5,885.0

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).

BY ECONOMIC CLASSIFICATION, 1979 TO 1992
pesos)

1984	1985	1986	1987	1988	1989	1990	1991	1992
92,107.0	92,511.0	115,101.2	155,504.0	167,409.0	173,339.0	228,543.3	259,587.7	275,683.4
18,304.0	22,530.0	26,733.0	31,537.4	43,595.9	52,006.0	64,289.0	80,919.4	86,586.0
11,318.0	12,665.0	13,425.2	19,074.0	19,105.9	23,175.0	34,293.3	26,911.1	32,181.7
921.0	675.0	717.0	935.9	1,166.8	1,285.0	1,573.8	1,132.7	1,482.4
118.0	161.0	159.0	177.3	254.6	295.0	320.2	394.5	438.0
1,645.0	1,556.0	2,322.0	2,345.5	3,505.8	2,861.0	3,011.4	3,210.7	3,622.8
179.0	242.0	228.0	200.3	338.3	311.0	328.7	330.6	503.4
3,242.0	4,147.0	3,974.0	8,416.8	5,364.0	8,063.0	9,253.1	7,699.3	11,523.8
3,044.0	3,687.0	3,745.0	4,597.1	5,462.0	6,952.0	8,313.3	9,892.3	10,575.6
294.0	302.0	313.0	275.4	447.5	507.0	543.1	654.8	685.2
807.0	866.0	784.0	963.7	1,070.7	1,441.0	1,254.3	1,923.6	1,619.4
512.0	600.0	751.0	724.4	909.3	919.0	1,055.7	1,417.5	1,474.9
418.0	267.0	197.0	343.0	352.0	315.0	396.5	248.1	248.6
138.0	162.0	235.2	94.6	234.9	226.0	8,243.1	7.0	7.5
38,360.0	22,264.0	40,562.0	70,223.6	71,321.1	56,924.0	71,114.0	83,430.9	80,352.6
10,383.0	14,901.0	21,442.0	37,434.2	45,864.5	39,716.0	71,114.0	83,425.9	80,348.1
27,977.0	7,363.0	19,120.0	32,789.4	25,456.6	17,209.0	0.0	5.0	4.5
			7,640.9	4,907.0	1,589.0	2,155.7	832.7	1,472.1
4,316.0	5,558.0	7,936.0	6,767.4	10,241.3	12,281.0	18,455.4	13,738.8	17,293.8
3,989.0	5,207.0	6,922.0	5,934.9	8,368.8	10,931.0	16,466.7	12,429.5	15,504.8
-	-	17.8	19.2	15.2	13.0	32.6	24.3	18.8
327.0	351.0	997.0	813.3	1,857.3	1,337.0	1,956.1	1,285.0	1,770.2
19,809.0	29,494.0	26,445.0	20,260.7	18,237.8	27,364.0	38,236.0	53,754.7	57,797.2
5,358.0	8,184.0	8,312.0	11,285.1	11,832.8	16,976.0	29,406.2	40,991.3	41,077.8
648.0	1,169.0	879.0	1,225.7	2,810.6	3,502.0	2,451.5	2,593.3	3,125.8
9,889.0	14,403.0	12,128.0	4,724.1	2,374.2	5,552.0	5,577.9	6,403.1	7,368.2
3,913.0	5,738.0	5,126.0	3,025.8	1,220.2	1,334.0	800.4	3,767.0	6,225.4

Table 15.5 – LOCAL GOVERNMENT REVENUES BY TYPE: 1965 TO 1990
(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

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 UNITS, ALL FUNDS: 1981 TO 1990
(In million pesos)

Income/expenditures	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
INCOME										
Tax Revenue	3,804.6	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
Operating & miscellaneous revenues	752.2	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
Capital Revenue	7.2	9.8	11.9	5.1	15.3	5.0	8.6	14.3	653.5	219.1
Grants	424.2	459.5	451.9	524.9	747.8	734.2	632.9	3,603.9	2,457.1	2,692.5
Extraordinary income	9.6	11.7	16.1	10.7	38.8	12.1	30.4	20.2	24.0	8.4
Borrowings	104.1	67.7	127.1	148.9	79.2	49.7	13.4	33.4	48.0	97.4
Total Income	5,101.9	5,929.1	6,699.8	7,348.5	8,510.3	8,661.1	8,923.5	13,358.9	15,280.6	19,061.1
EXPENDITURES										
Personal Services	2,001.4	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
Maintenance and other operating expenses	2,214.9	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
Capital outlay	875.4	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
Total Expenditures	5,091.7	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

Source: Annual Financial Report on Local Government, Commission on Audit.

Table 15.7 – FINANCIAL STATUS OF
BY REGION
(Figures in

Region		Allocations	Expenditures
CAR	TP	763.676	757.318
	$	9.912	8.873
	P	524.797	543.479
Region I	TP	322.843	321.529
	$	5.735	6.187
	P	184.629	172.422
Region II	TP	79.044	43.014
	$	0.000	0.000
	P	79.044	43.014
Region III	TP	2,959.923	1,889.313
	$	48.304	51.417
	P	1,795.797	650.163
Region IV	TP	1,817.141	490.558
	$	58.530	8.024
	P	406.568	297.180
Region V	TP	875.783	1,023.270
	$	25.268	20.821
	P	266.824	521.484
Region VI	TP	16.990	14.777
	$	0.000	0.524
	P	16.990	2.149
Region VII	TP	1,538.677	732.108
	$	28.059	17.289
	P	862.455	315.443
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

PUBLIC INVESTMENT PROGRAM
CY 1991
million)

Region		Allocations	Expenditures
Region IX	TP	99.873	74.585
	$	0.830	0.000
	P	79.870	74.585
Region X	TP	362.897	208.395
	$	11.246	3.885
	P	91.868	114.766
Region XI	TP	262.628	316.705
	$	2.726	4.764
	P	196.931	201.893
Region XII	TP	436.472	350.603
	$	5.882	2.527
	P	294.716	289.702
N C R	TP	4,776.693	3,431.578
	$	112.262	78.653
	P	2,071.179	1,536.041
Inter-regional	TP	10,266.172	5,408.747
	$	291.742	149.979
	P	3,235.190	1,794.253
Nationwide	TP	39,237.600	26,379.271
	$	491.298	245.722
	P	27,397.318	20,457.371
T O T A L	TP	65,485.950	42,447.191
	$	1,134.584	613.262
	P	38,142.475	27,667.577

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 1991
(In Million Pesos)

End of Period	Total	National Government	Local Government	Government Corporations	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

Source: Central Bank of the Philippines

Table 15.10 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF MATURITY: 1950 TO 1991
(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

Source: Central Bank of the Philippines

Table 15.11 – HOLDERS OF OUTSTANDING GOVERNMENT DOMESTIC SECURITIES: 1977 TO 1991
(In million pesos)

End of Period	Total [1]	Central Bank	Commercial and other banks	Trust Funds	Semi-government entities	Private sector
1977	24,593.4	3,990.5	8,860.8	1,699.2	6,537.2	3,505.7
1978	27,819.7	3,532.6	11,730.3	2,118.7	5,886.6	4,551.5
1979	30,894.3	3,631.9	12,376.0	2,702.4	8,032.1	4,151.9
1980	34,000.2	4,657.7	12,969.5	4,326.6	6,990.5	5,055.9
1981	38,199.5	5,002.7	13,760.8	4,897.4	9,561.0	4,977.6
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

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 1991
(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	22,537.0	(17,303.0)	96,209.0	48,392.0	7,977.0
1981	23,523.0	(22,835.0)	117,678.0	61,692.0	9,628.0
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,571.0	(102,570.0)	201,959.0	84,538.0	(17,720.0)
1984	33,737.0	(138,183.0)	209,179.0	92,004.0	(54,745.0)
1985	35,893.0	(155,884.0)	198,090.0	100,665.0	(94,352.0)
1986	42,694.0	(144,947.0)	170,999.0	104,612.0	(121,254.0)
1987	52,416.0	(137,752.0)	155,444.0	112,619.0	(147,343.0)
1988	59,718.0	(122,833.0)	166,462.0	141,585.0	(157,674.0)
1989	78,530.0	(114,525.0)	203,818.0	179,441.0	(168,678.0)
1990	89,012.0	(157,624.0)	267,510.0	222,858.0	(201,984.0)
1991					
January	85,614.0	(163,421.0)	273,430.0	223,730.0	(199,335.0)
February	80,755.0	(162,275.0)	262,330.0	223,202.0	(203,902.0)
March	82,154.0	(151,517.0)	263,135.0	224,238.0	(194,774.0)
April	83,602.0	(141,991.0)	257,184.0	228,480.0	(196,889.0)
May	84,983.0	(125,237.0)	247,862.0	233,567.0	(195,925.0)
June	83,225.0	(115,215.0)	249,225.0	241,393.0	(190,608.0)
July	83,753.0	(119,956.0)	248,215.0	238,167.0	(193,661.0)
August	85,692.0	(119,503.0)	247,705.0	228,530.0	(186,020.0)
September	83,868.0	(117,294.0)	240,161.0	231,344.0	(192,345.0)
October	84,889.0	(112,135.0)	253,271.0	226,981.0	(170,734.0)
November	89,654.0	(104,857.0)	254,962.0	226,441.0	(165,990.0)
December	101,374.0	(92,805.0)	269,049.0	250,031.0	(175,161.0)

Source: Central Bank of the Philippines.

Table 16.2 – FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1991
(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					
January	85,614.0	249,035.0	317,800.0	(68,765.0)	(163,421.0)
February	80,755.0	243,030.0	308,923.0	(65,893.0)	(162,275.0)
March	82,154.0	233,671.0	308,902.0	(75,231.0)	(151,517.0)
April	83,562.0	225,553.0	296,334.0	(70,781.0)	(141,991.0)
May	84,983.0	210,220.0	285,299.0	(75,079.0)	(125,237.0)
June	83,225.0	198,440.0	288,773.0	(90,333.0)	(115,215.0)
July	83,753.0	203,709.0	285,765.0	(82,056.0)	(119,956.0)
August	85,692.0	205,195.0	275,693.0	(70,498.0)	(119,503.0)
September	83,868.0	201,162.0	267,379.0	(66,217.0)	(117,294.0)
October	84,889.0	197,024.0	256,332.0	(59,308.0)	(112,135.0)
November	89,991.0	194,848.0	252,409.0	(57,898.0)	(104,857.0)
December	101,374.0	194,179.0	268,860.0	(74,681.0)	(92,805.0)

Source: Central Bank of the Philippines.

Table 16.3 – DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1945 TO 1991
(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	67,803.2	22,537.5	10,174.6	12,362.9	32,894.3	19,529.9	13,364.4	12,371.4
1981	82,091.3	23,524.3	11,625.8	11,898.5	42,114.8	24,198.3	17,916.5	16,452.2
1982	95,268.8	23,495.4	12,680.2	10,815.2	55,207.8	28,919.3	26,288.5	16,565.6
1983	114,211.0	32,571.0	19,587.0	12,984.0	64,534.0	34,457.0	30,077.0	17,106.0
1984	122,432.0	33,737.0	21,764.0	11,973.0	77,419.0	38,530.0	38,889.0	11,276.0
1985	134,140.0	35,893.0	24,029.0	11,864.0	89,638.0	47,107.0	42,531.0	8,609.0
1986	144,325.0	42,694.0	29,264.0	13,430.0	96,780.0	62,620.0	34,160.0	4,851.0
1987	161,824.0	52,416.0	35,372.0	17,044.0	105,855.0	72,105.0	33,750.0	3,553.0
1988	198,409.0	59,718.0	40,638.0	19,080.0	136,203.0	92,253.0	43,950.0	2,488.0
1989	253,921.0	78,530.0	52,823.0	25,707.0	172,561.0	118,377.0	54,184.0	2,830.0
1990	300,541.0	89,012.0	61,921.0	27,091.0	208,295.0	159,193.0	49,102.0	3,234.0
1991								
January	297,883.0	85,614.0	59,656.0	25,958.0	208,843.0	157,666.0	51,177.0	3,426.0
February	293,981.0	80,755.0	55,109.0	25,646.0	210,746.0	159,293.0	51,453.0	2,480.0
March	298,827.0	82,154.0	56,995.0	25,159.0	214,048.0	163,010.0	51,038.0	2,625.0
April	306,539.0	83,602.0	55,360.0	28,242.0	219,539.0	166,940.0	52,599.0	3,398.0
May	313,854.0	84,983.0	55,577.0	29,406.0	226,269.0	170,430.0	55,839.0	2,602.0
June	320,256.0	83,225.0	53,630.0	29,595.0	233,950.0	177,405.0	56,545.0	3,081.0
July	317,815.0	83,753.0	52,895.0	30,858.0	230,999.0	173,966.0	57,033.0	3,063.0
August	310,066.0	85,692.0	54,098.0	31,594.0	221,731.0	165,511.0	56,220.0	2,643.0
September	310,981.0	83,868.0	52,419.0	31,449.0	224,120.0	169,253.0	54,867.0	2,993.0
October	307,767.0	84,889.0	55,300.0	29,589.0	219,567.0	164,611.0	54,956.0	3,311.0
November	311,734.0	89,654.0	58,960.0	30,694.0	219,301.0	164,224.0	55,077.0	2,779.0
December	347,079.0	101,374.0	69,394.0	31,980.0	242,683.0	186,909.0	55,774.0	3,022.0

Source: Central Bank of the Philippines.

Fig. 16.1 Domestic Liquidity, 1982 to 1991

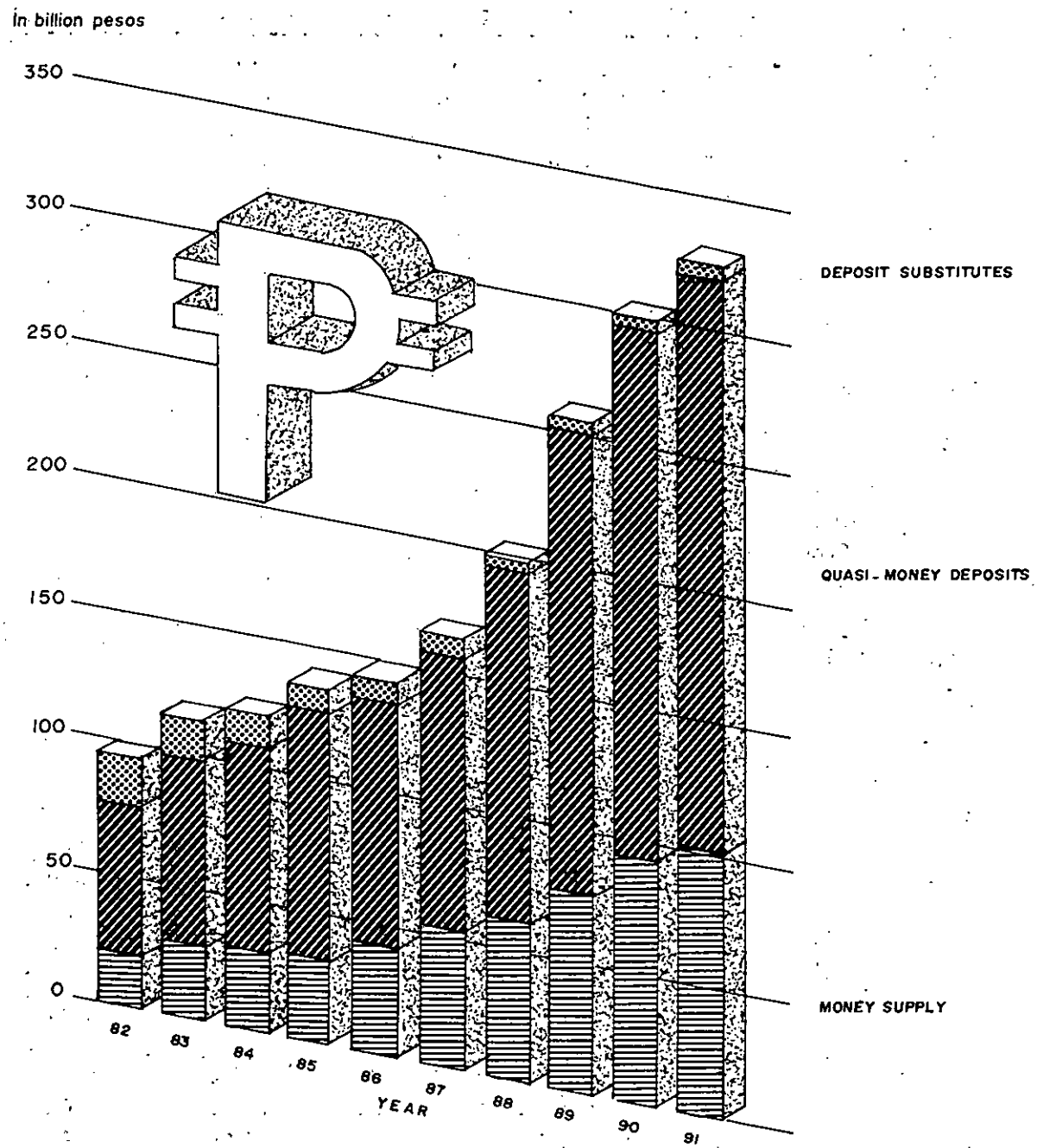

Table 16.4 – GROSS DOMESTIC CREDITS OF
(In million

End of Period	Grand Total	Domestic securities			
		Total	National Government	Local gov't & semi-gov't entities	Private businesses and individuals
1970	11,391.0	1,559.0	900.0	313.0	346.0
1971	12,574.9	1,564.7	974.2	306.7	283.8
1972	14,703.4	1,340.3	828.9	311.0	200.4
1973	20,590.7	2,175.8	1,530.7	367.4	277.7
1974	30,552.2	2,225.9	1,379.9	431.4	414.6
1975	37,745.9	2,438.8	1,251.8	740.0	447.0
1976	44,404.2	3,314.0	1,919.0	711.0	684.0
1977	52,533.3	4,241.0	2,563.0	571.0	1,107.0
1978	65,439.9	4,462.0	2,411.0	818.0	1,233.0
1979	82,292.8	5,441.8	3,192.4	923.4	1,326.0
1980	95,841.7	7,155.7	4,051.1	1,341.4	1,763.2
1981	112,898.0	9,379.0	5,439.1	1,282.0	2,657.9
1982	130,309.5	14,230.4	8,903.7	2,013.8	3,312.9
1983	171,482.0	18,115.0	11,191.0	2,814.0	4,110.0
1984	174,678.0	24,478.0	13,732.0	2,512.0	8,234.0
1985	161,261.0	21,431.0	11,976.0	2,353.0	7,102.0
1986	135,871.0	28,839.0	20,162.0	1,753.0	6,924.0
1987	150,793.0	30,468.0	22,495.0	936.0	7,037.0
1988	185,096.0	42,665.0	34,873.0	1,388.0	6,404.0
1989	234,018.0	58,948.0	50,638.0	1,036.0	7,274.0
1990	290,024.0	62,995.0	53,195.0	776.0	9,024.0
1991					
January	284,030.0	62,034.0	50,635.0	1,807.0	9,592.0
February	286,821.0	62,389.0	51,138.0	1,778.0	9,473.0
March	286,195.0	64,710.0	52,980.0	1,774.0	9,956.0
April	295,176.0	71,024.0	59,018.0	2,008.0	9,998.0
May	297,928.0	74,493.0	62,226.0	2,162.0	10,105.0
June	307,930.0	81,032.0	69,155.0	2,105.0	9,772.0
July	306,371.0	78,719.0	67,381.0	1,362.0	9,976.0
August	299,646.0	68,053.0	56,221.0	1,517.0	10,315.0
September	298,995.0	60,146.0	48,254.0	1,242.0	10,650.0
October	305,349.0	59,312.0	47,010.0	1,537.0	10,765.0
November	313,231.0	58,516.0	46,039.0	1,665.0	10,812.0
December	330,555.0	67,935.0	55,300.0	1,557.0	11,078.0

Source: Central Bank of the Philippines.

DEPOSIT MONEY BANKS: 1970 TO 1991
pesos)

Loans and advances				Credits to Central Bank
Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	
9,785.0	161.0	959.0	8,665.0	47.0
10,716.9	19.0	819.2	9,878.7	293.3
12,916.1	110.0	858.1	11,948.0	447.0
16,615.0	43.0	480.5	16,091.5	1,799.9
26,078.0	166.0	1,092.0	24,820.0	2,248.3
31,796.5	228.0	3,501.2	28,067.3	3,510.6
37,170.2	33.1	4,633.3	32,503.8	3,920.0
43,058.3	727.7	4,707.7	37,622.9	5,234.0
54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
69,741.0	1,557.0	5,354.0	62,830.0	7,110.0
82,516.0	1,271.0	5,869.0	75,376.0	6,170.0
97,571.0	715.0	5,698.0	91,158.0	5,948.0
111,774.6	824.1	7,304.3	103,646.2	4,304.5
149,901.0	2,346.0	13,494.0	134,061.0	3,466.0
144,735.0	2,318.0	18,287.0	124,130.0	5,465.0
132,173.0	2,618.0	18,561.0	110,994.0	7,657.0
101,780.0	1,021.0	15,870.0	84,889.0	5,252.0
119,942.0	1,468.0	12,912.0	105,562.0	383.0
141,812.0	3,546.0	12,199.0	126,067.0	619.0
173,997.0	3,927.0	14,244.0	155,826.0	1,073.0
226,211.0	4,760.0	18,469.0	202,982.0	818.0
220,593.0	4,788.0	18,406.0	197,399.0	1,403.0
219,792.0	4,626.0	19,915.0	195,251.0	4,640.0
219,316.0	5,251.0	20,154.0	193,911.0	2,169.0
220,254.0	5,170.0	19,684.0	195,400.0	3,898.0
215,801.0	5,135.0	17,783.0	192,883.0	7,634.0
217,704.0	5,286.0	16,767.0	195,651.0	9,194.0
220,737.0	5,224.0	16,798.0	198,715.0	6,915.0
223,196.0	5,092.0	17,354.0	200,750.0	8,397.0
227,917.0	5,120.0	17,509.0	205,288.0	10,932.0
231,566.0	5,155.0	18,363.0	208,048.0	14,471.0
236,456.0	5,113.0	18,459.0	212,884.0	18,259.0
242,973.0	5,660.0	18,845.0	218,468.0	19,647.0

Table 16.5 – TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION: 1955 TO 1991
(In million pesos)

Period	Total	Commercial banks	Rural banks	Private Development banks *	Savings banks 1
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 2	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					
January	236,525.5	207,314.0	9,654.9	5,482.5	14,074.1
February	239,291.3	208,472.0	9,654.9	5,615.3	15,549.1
March	242,193.5	211,262.0	9,654.9	5,728.3	15,548.3
April	243,991.1	212,127.0	10,062.2	5,780.9	16,021.0
May	241,884.4	208,494.0	10,062.2	5,856.7	17,471.5
June	245,274.0	211,030.0	10,062.2	6,049.7	18,132.1
July	244,734.9	209,737.0	10,376.5	6,008.1	18,613.3
August	230,390.5	211,299.0	10,376.5	6,179.0	2,536.0
September	238,153.2	218,103.0	10,376.5	6,290.5	3,383.2
October	240,633.5	220,045.0	10,744.1	6,595.6	3,248.8
November	244,173.6	222,590.0	10,744.1	6,857.1	3,982.4
December	254,256.6	231,958.0	10,744.1	7,399.7	4,154.8

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: 1955 TO 1991
(In million pesos)

Period	Total	Commercial * banks	Rural banks	Development banks	Savings banks [1]
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 [2]	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					
January	74,422.1	71,890.0	633.7	1,128.8	769.6
February	80,115.7	77,133.0	633.7	1,290.8	1,058.2
March	80,024.8	77,063.0	633.7	1,421.7	906.4
April	89,259.5	85,108.0	564.1	1,737.6	1,849.8
May	97,465.4	92,459.0	564.1	1,691.1	2,751.2
June	104,403.8	99,817.0	564.1	1,750.8	2,271.9
July	100,091.1	95,512.0	697.8	1,632.8	2,248.5
August	91,398.8	86,292.0	697.8	1,871.0	2,538.0
September	88,538.3	82,877.0	697.8	1,580.3	3,383.2
October	89,933.2	84,252.0	793.1	1,639.3	3,248.8
November	94,278.4	87,763.0	793.1	1,739.9	3,982.4
December	107,309.6	100,862.0	793.1	1,499.7	4,154.8

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

End of Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	27,571.0	20,746.7	6,664.8	8,951.2	5,130.7
1976	34,081.7	26,243.1	7,512.8	11,127.9	7,602.4
1977	42,834.1	33,777.0	9,045.0	13,262.5	11,469.5
1978	53,821.2	43,652.5	9,602.3	17,313.7	16,736.5
1979	68,740.2	55,397.2	11,396.9	20,883.7	23,716.6
1980	88,224.1	72,630.2	13,535.4	23,047.1	36,047.7
1981	97,739.4	79,261.7	14,311.7	27,016.7	37,933.3
1982	114,605.1	93,230.4	11,939.4	33,444.7	47,846.3
1983	137,226.7	116,227.0	19,139.5	40,939.7	56,147.8
1984	149,572.1	134,552.0	15,272.0	47,211.6	72,068.4
1985	161,817.2	143,017.7	14,753.3	56,267.5	71,996.9
1986	157,912.1	138,026.2	19,650.6	70,881.2	47,494.4
1987	174,265.1	151,794.5	21,978.5	82,155.2	47,660.8
1988	226,889.4	198,747.0	23,555.0	110,039.0	65,153.0
1989	59,191.3	25,239.1	2,952.5	13,671.4	8,615.2
1990	350,612.4	310,743.0	32,607.0	181,070.0	97,066.0
1991					
January	346,161.5	309,428.0	32,160.0	180,378.0	96,890.0
February	351,906.7	313,893.0	31,492.0	182,179.0	100,222.0
March	356,177.4	317,886.0	29,731.0	185,212.0	102,943.0
April	371,423.4	331,544.0	35,114.0	191,833.0	104,597.0
May	385,291.2	343,717.0	36,878.0	198,075.0	108,764.0
June	394,352.9	351,000.0	35,614.0	201,697.0	113,689.0
July	396,266.5	350,309.0	37,656.0	201,740.0	110,913.0
August	382,740.5	337,443.0	37,267.0	190,300.0	109,876.0
September	382,711.8	338,301.0	35,395.0	192,984.0	109,922.0
October	378,262.7	332,022.0	34,295.0	188,648.0	109,079.0
November	381,502.5	333,357.0	36,003.0	188,325.0	109,029.0
December	415,776.8	362,632.0	38,796.0	211,170.0	112,666.0

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.

OF BANKS: 1975 TO 1991

Savings Banks				Private Development Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,183.9	0.0	1,020.0	163.9	196.1	0.0	149.0	47.1
1,760.6	0.0	1,371.3	389.3	258.4	0.0	173.9	84.5
2,458.1	0.0	1,800.2	657.9	332.9	0.0	207.3	125.6
3,478.9	0.2	2,366.5	1,112.2	424.2	0.0	259.1	165.1
4,830.6	32.4	3,131.7	1,666.5	576.5	0.7	344.0	231.8
5,985.5	162.3	3,738.3	2,084.9	779.4	1.9	429.9	347.6
4,565.2	112.8	2,577.8	1,874.6	1,191.5	11.2	660.2	520.1
5,101.0	89.3	2,791.6	2,220.1	2,025.5	105.4	922.8	997.3
5,957.8	124.3	3,168.6	2,664.9	2,464.7	85.6	1,059.6	1,319.5
3,138.9	67.2	1,771.2	1,300.5	2,185.3	134.0	939.5	1,111.8
5,734.8	98.3	3,137.3	2,499.2	2,765.4	130.1	1,249.8	1,385.5
7,021.9	166.8	4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9
9,170.7	218.2	6,617.6	2,334.9	3,596.8	177.7	1,918.6	1,500.5
12,196.1	266.4	8,898.8	3,030.9	4,469.9	221.4	2,331.2	1,917.3
16,542.7	397.5	11,933.7	4,211.5	5,429.8	278.0	2,858.6	2,293.2
17,264.4	398.2	11,539.1	5,327.1	7,280.3	260.9	4,081.1	2,938.3
15,585.5	384.1	9,884.2	5,317.2	6,006.4	97.4	3,278.8	2,630.2
16,039.6	381.3	10,239.8	5,418.5	6,087.8	106.9	3,446.8	2,534.1
16,302.0	396.8	10,463.4	5,441.8	6,314.5	104.7	3,584.0	2,625.8
16,867.7	391.4	10,943.0	5,533.3	6,572.5	120.5	3,744.7	2,707.3
17,727.4	403.8	11,525.2	5,798.4	6,778.8	116.4	3,840.8	2,821.6
18,485.5	422.4	12,033.6	6,029.5	6,849.8	113.9	3,879.3	2,856.6
19,434.0	509.2	12,769.6	6,155.2	6,711.4	110.4	3,686.7	2,914.3
19,359.2	512.7	12,661.4	6,185.1	6,666.4	108.0	3,599.5	2,958.9
19,465.8	513.6	12,716.9	6,235.3	6,520.3	122.9	3,571.7	2,825.7
19,403.1	498.8	12,663.6	6,240.7	7,049.5	126.7	3,955.4	2,967.4
20,493.5	510.0	13,694.9	6,288.6	7,127.3	128.3	3,992.0	3,007.0
23,300.3	616.0	16,246.9	6,437.4	7,626.8	161.4	4,412.7	3,052.7

Table 16.7 – TOTAL DEPOSIT LIABILITIES

End of Period	Total	S S L A Demand	S S L A Savings	S S L A Time	Specialized Total	Specialized Demand
1975	213.0	0.0	154.8	58.2	4,146.0	2.8
1976	357.2	0.0	239.3	117.9	4,305.1	18.5
1977	483.0	0.0	317.1	165.9	4,476.3	31.4
1978	677.6	0.0	444.4	233.2	4,021.6	6.9
1979	874.1	0.0	567.2	306.9	4,550.7	17.1
1980	1,097.4	0.0	698.0	399.4	5,681.1	26.2
1981	1,466.3	0.0	875.1	591.2	8,827.4	21.9
1982	2,185.1	5.6	1,110.5	1,069.0	9,067.3	16.3
1983	2,765.2	20.5	1,225.5	1,519.2	6,240.6	21.8
1984	1,734.4	13.0	989.9	731.5	4,645.3	22.9
1985	1,970.4	9.9	1,077.3	883.2	5,201.9	17.7
1986	2,613.0	31.0	1,502.9	1,079.1	3,168.4	26.8
1987	2,271.8	0.0	1,283.0	988.8	2,915.0	29.7
1988	2,440.8	0.0	1,390.0	1,050.8	3,684.3	41.4
1989	2,992.3	0.0	1,672.3	1,320.0	2,733.6	23.1
1990	3,041.0	0.0	1,675.3	1,365.7	5,216.5	932.8
1991						
January	2,909.2	0.0	1,579.0	1,330.2	4,995.3	979.3
February	3,076.0	0.0	1,654.4	1,421.6	5,573.2	947.4
March	3,179.5	0.0	1,699.9	1,479.6	5,258.3	904.6
April	3,252.2	0.0	1,715.8	1,536.4	5,530.8	847.3
May	3,338.1	0.0	1,750.3	1,587.8	6,073.7	1,015.8
June	3,402.7	0.0	1,759.2	1,643.5	6,958.7	867.4
July	3,511.0	0.0	1,794.3	1,716.7	8,174.3	748.2
August	3,560.6	0.0	1,793.9	1,766.7	7,584.5	824.1
September	3,598.4	0.0	1,828.3	1,770.1	6,699.5	969.1
October	3,563.2	0.0	1,792.4	1,770.8	7,677.6	942.4
November	3,625.4	0.0	1,831.1	1,794.3	8,352.0	905.5
December	3,711.9	0.0	1,892.2	1,819.7	9,958.5	1,371.0

OF BANKS: 1975 TO 1991 (continued)

Government Banks		Rural Banks			
Savings	Time	Total	Demand	Savings	Time
3,131.9	1,011.3	1,085.3	20.8	656.0	408.5
2,605.1	1,681.5	1,157.3	18.6	722.4	416.3
2,616.2	1,828.7	1,306.8	19.8	786.3	500.7
2,503.2	1,511.5	1,566.4	18.8	974.6	573.0
2,947.7	1,585.9	1,911.1	26.5	1,182.2	702.4
4,085.7	1,569.2	2,050.5	13.9	1,265.6	771.0
6,124.2	2,681.3	2,427.3	25.0	1,471.3	931.0
6,504.6	2,546.4	2,995.8	21.4	1,776.7	1,197.7
4,307.9	1,910.9	3,571.4	23.5	2,043.1	1,504.8
658.1	3,964.3	3,316.2	17.6	1,939.2	1,359.4
716.9	4,467.3	3,127.0	17.1	1,966.9	1,143.0
314.4	2,827.2	3,767.1	20.5	2,407.2	1,339.4
251.3	2,634.0	4,516.3	22.7	3,011.4	1,482.2
1,486.3	2,156.6	5,351.3	31.3	3,519.1	1,800.9
546.1	2,164.4	6,253.8	31.8	4,224.6	1,997.4
1,759.6	2,524.1	7,067.2	38.5	4,710.6	2,318.1
1,254.6	2,761.4	7,237.1	35.6	4,771.3	2,430.2
1,580.8	3,045.0	7,237.1	35.6	4,771.3	2,430.2
2,016.9	2,336.8	7,237.1	35.6	4,771.3	2,430.2
2,130.4	2,553.1	7,656.2	37.6	4,878.3	2,740.3
2,112.4	2,945.5	7,656.2	37.6	4,878.3	2,740.3
2,651.5	3,439.8	7,656.2	37.6	4,878.3	2,740.3
3,510.5	3,915.6	8,126.8	40.6	5,177.4	2,908.8
2,976.5	3,783.9	8,126.8	40.6	5,177.4	2,908.8
2,341.7	3,388.7	8,126.8	40.6	5,177.4	2,908.8
2,847.0	3,888.2	8,547.3	40.6	5,477.8	3,028.9
3,521.1	3,925.4	8,547.3	40.6	5,477.8	3,028.9
4,239.8	4,347.7	8,547.3	40.6	5,477.8	3,028.9

Table 16.8 – NUMBER OF DEPOSIT

Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	12,400,990	7,067,039	409,338	6,568,582	89,119
1976	14,370,284	7,904,932	454,779	7,300,625	149,528
1977	15,916,418	8,443,217	489,834	7,738,014	215,369
1978	18,244,146	9,031,697	523,094	8,214,089	294,514
1979	20,225,335	9,751,891	551,785	8,807,895	392,211
1980	21,047,133	10,130,096	584,570	8,908,984	636,542
1981	22,654,497	13,331,037	616,017	11,331,076	1,383,944
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222
1983	25,589,530	15,225,027	658,041	11,244,354	3,322,632
1984	23,745,648	13,971,704	644,173	10,937,280	2,390,251
1985	20,244,864	12,616,016	636,860	11,048,769	930,387
1986	19,465,502	12,371,867	644,676	10,917,161	810,030
1987	19,591,252	12,861,071	695,929	11,388,220	776,922
1988	19,546,724	13,167,759	686,476	11,452,710	1,028,573
1989	19,164,934	12,617,091	762,555	10,955,990	898,546
1990	16,143,421	10,486,998	795,443	8,951,311	740,244
1991					
January	16,271,626	10,685,180	807,440	9,131,232	746,508
February	16,294,546	10,738,541	815,516	9,137,448	785,577
March	16,349,592	10,793,630	813,366	9,255,106	725,158
April	16,201,242	10,729,472	836,619	9,158,110	734,743
May	16,161,371	10,672,382	837,405	9,134,994	699,983
June	16,494,473	11,014,053	984,484	9,320,279	709,290
July	17,059,544	11,062,941	902,797	9,417,705	742,439
August	17,159,485	11,136,826	884,261	9,490,562	762,003
September	16,882,902	10,882,966	867,542	9,244,231	771,193
October	16,905,047	10,893,425	851,151	9,266,677	775,597
November	17,276,709	11,257,325	881,761	9,625,313	750,251
December	17,222,663	11,208,587	891,759	9,571,206	745,622

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.

ACCOUNTS IN BANKS: 1975 TO 1991

Savings Banks				Private Developments Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
2,889,949	0	2,858,891	31,058	459,041	0	451,302	7,739
3,438,880	0	3,374,289	64,591	541,730	0	530,517	11,213
4,186,153	0	4,069,997	116,156	627,479	0	610,456	17,023
5,170,963	6	4,936,358	234,599	697,428	0	669,742	27,686
5,893,166	6,323	5,555,997	330,846	782,016	0	738,049	43,967
6,405,457	13,488	5,961,839	430,130	834,452	451	760,645	73,356
4,198,241	10,525	3,866,935	320,781	919,162	1,678	824,585	92,899
4,456,376	14,508	4,087,721	354,147	1,031,915	3,511	857,634	170,770
4,650,985	20,898	4,251,344	378,743	1,143,999	5,725	945,133	193,141
3,978,748	19,537	3,827,071	132,140	1,048,020	6,375	915,191	126,454
2,125,610	26,925	2,010,203	88,482	949,631	8,857	890,703	50,071
1,856,954	31,341	1,767,978	57,635	855,163	11,245	748,189	95,729
1,670,274	40,319	1,577,602	52,353	747,396	11,954	700,210	35,232
1,572,191	46,924	1,464,327	60,940	708,748	9,968	660,254	38,526
1,687,162	55,809	1,549,870	81,483	680,744	11,675	635,276	33,793
1,568,603	57,603	1,424,951	86,049	626,992	18,718	577,278	30,996
1,540,732	58,288	1,398,194	84,250	607,630	14,074	564,242	29,314
1,529,581	58,216	1,382,344	89,021	586,833	14,596	542,912	29,325
1,521,815	57,953	1,372,541	91,321	593,152	16,617	545,878	30,657
1,507,586	58,724	1,356,323	92,539	594,378	15,398	547,405	31,575
1,515,789	59,428	1,363,379	92,982	602,779	15,999	554,521	32,259
1,508,032	59,624	1,354,414	93,994	597,906	15,747	549,988	32,171
1,506,655	60,181	1,350,852	95,622	574,544	15,983	526,123	32,438
1,496,904	61,181	1,339,031	96,692	607,127	16,169	557,626	33,332
1,509,465	61,147	1,350,873	97,445	570,739	16,221	523,317	31,201
1,503,700	61,693	1,344,588	97,419	604,289	16,608	554,753	32,928
1,509,668	69,125	1,343,232	97,311	604,551	16,811	554,363	33,377
1,506,799	62,920	1,346,296	97,583	600,468	17,066	550,012	33,390

Table 16.8 – NUMBER OF DEPOSIT ACCOUNTS IN BANKS, 1975 TO 1991 (Continued)

Period	Specialized Government Banks [a]				Rural Banks			
	Total	Demand	Savings	Time	Total	Demand	Savings	Time
1975	31,165	178	29,816	1,171	1,953,796	4,489	1,917,725	31,582
1976	53,713	659	51,217	1,837	2,431,029	4,181	2,393,543	33,305
1977	72,621	1,356	68,891	2,374	2,586,948	3,946	2,544,000	39,002
1978	89,152	1,753	84,577	2,822	3,254,906	5,451	3,181,564	67,891
1979	104,066	4,336	96,130	3,600	3,694,196	9,053	3,580,648	104,495
1980	122,446	3,527	112,434	6,485	3,554,682	8,887	3,445,553	100,242
1981	137,855	4,252	129,065	4,538	4,068,202	7,189	3,942,409	118,604
1982	160,599	5,330	148,668	6,601	4,127,242	5,235	3,974,468	147,539
1983	182,546	5,985	168,370	8,191	4,386,973	4,260	4,215,982	166,731
1984	198,396	6,118	183,984	8,294	4,548,780	4,333	4,384,976	159,471
1985	205,255	6,449	192,158	6,648	4,348,352	4,497	4,241,448	102,407
1986	210,994	6,588	199,581	4,825	4,170,524	5,678	4,075,190	89,656
1987	230,978	7,748	217,937	5,293	4,081,533	3,088	3,994,251	84,194
1988	112,646	1,296	107,897	3,453	3,985,380	8,863	3,892,226	84,291
1989	82,073	1,162	77,785	3,126	4,097,864	4,475	4,000,019	93,370
1990	102,873	6,240	89,385	7,248	3,357,955	4,604	3,258,151	95,200
1991								
January	106,947	6,359	92,950	7,638	3,331,137	4,591	3,234,168	92,378
February	108,454	6,568	93,586	8,300	3,331,137	4,591	3,234,168	92,378
March	109,858	6,624	94,335	8,899	3,331,137	4,591	3,234,168	92,378
April	110,246	6,969	94,379	8,898	3,259,560	4,574	3,160,532	94,454
May	110,861	6,996	94,641	9,224	3,259,560	4,574	3,160,532	94,454
June	114,922	7,403	97,567	9,952	3,259,560	4,574	3,160,532	94,454
July	113,454	7,439	95,439	10,576	3,801,950	4,661	3,702,835	94,454
August	116,678	7,719	97,885	11,074	3,801,950	4,661	3,702,835	94,454
September	117,782	7,859	99,098	10,825	3,801,950	4,661	3,702,835	94,454
October	119,321	7,975	100,032	11,314	3,784,312	4,766	3,683,011	96,535
November	120,853	8,187	101,283	11,383	3,784,312	4,766	3,683,011	96,535
December	122,497	8,291	102,757	11,449	3,784,312	4,766	3,683,011	96,535

Fig. 16.2 Percent Distribution of Loans and Investments Outstanding by Institution, 1991

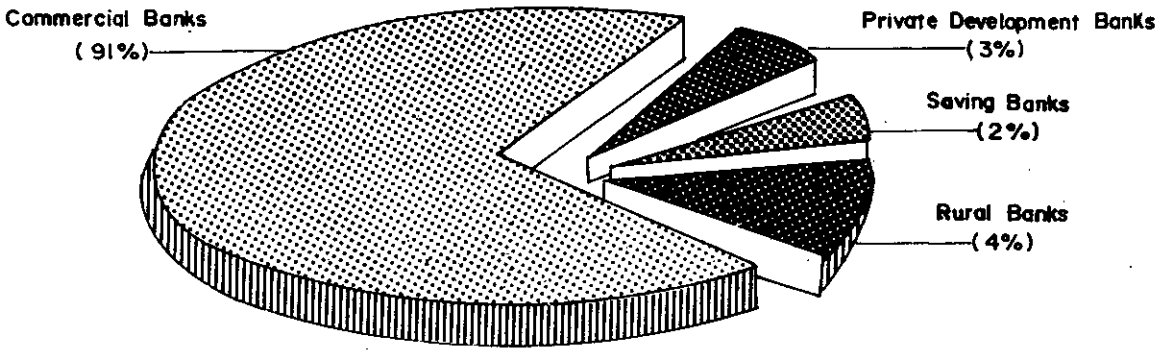

Fig. 16.3 Total Assets by Institution, 1982 to 1991

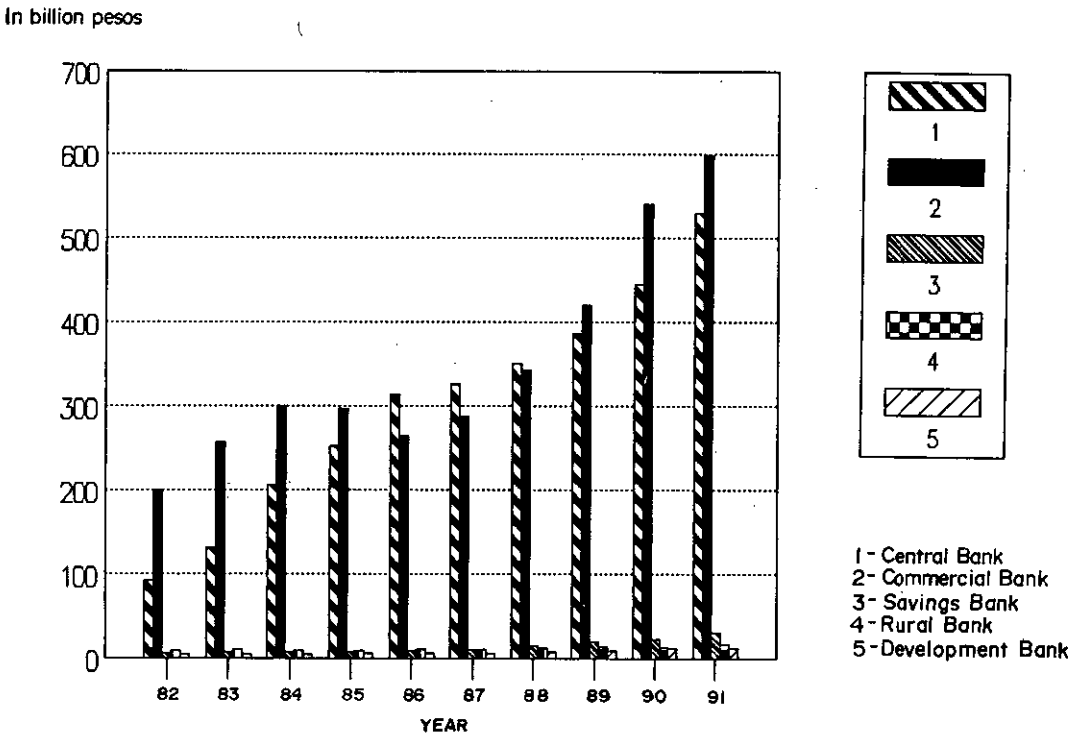

Table 16.9 – TOTAL ASSETS AND TOTAL
(In million

End of Period	Central Bank		Commercial banks	
	Total assets	Total liabilities	Total assets	Total liabilities
1955	966.4	932.5	1,412.9	1,393.4
1960	1,948.3	1,637.2	2,336.8	2,052.9
1965	3,096.6	2,866.9	6,731.0	5,902.7
1970	6,003.2	5,731.5	14,066.1	12,595.4
1975	25,974.2	25,632.8	53,165.0	47,993.0
1976	28,972.2	28,598.2	58,730.9	53,159.0
1977	28,982.8	28,563.3	68,679.0	61,708.0
1978	38,358.0	37,940.7	90,929.9	81,569.4
1979	50,790.2	69,943.4	115,376.5	104,774.8
1980	65,447.3	71,042.1	144,489.0	132,018.1
1981	71,571.2	129,817.9	171,704.4	155,716.6
1982	91,691.8	91,169.1	198,865.0	179,559.3
1983	130,371.7	129,817.9	256,458.4	233,705.9
1984	206,026.5	205,434.5	299,226.3	271,425.5
1985	251,611.9	250,970.6	296,563.9	271,386.9
1986	313,892.0	313,215.0	264,635.1	232,386.9
1987	325,185.1	324,472.8	287,465.1	251,403.0
1988	349,932.7	349,150.1	342,312.0	299,510.0
1989	385,889.7	385,016.5	420,410.0	372,890.0
1990	444,893.2	442,977.4	539,708.0	477,874.0
1991				
January	453,139.0	451,213.0	535,207.0	471,372.0
February	472,318.0	470,386.0	536,195.0	471,414.0
March	470,449.0	468,497.0	542,628.0	477,190.0
April	473,200.0	471,249.0	556,420.0	490,144.0
May	481,019.0	479,043.0	563,587.0	496,226.0
June	497,134.0	494,847.0	573,939.0	505,292.0
July	491,632.0	488,720.0	575,229.0	505,484.0
August	495,491.0	492,560.0	556,164.0	485,426.0
September	503,407.0	500,461.0	559,022.0	487,525.0
October	519,048.0	507,149.0	557,951.0	485,216.0
November	516,003.0	514,556.0	557,077.0	483,481.0
December	529,161.0	527,058.0	599,122.0	516,780.0

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

LIABILITIES, BY INSTITUTION: 1955 TO 1991
pesos)

Savings banks		Rural banks		Development banks	
Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities
25.2	22.5	7.9	2.0	560.9	221.1
71.6	61.6	76.2	39.6	624.5	319.1
201.4	173.3	279.0	157.4	1,346.2	954.5
724.4	648.6	663.7	428.7	3,219.0	2,516.8
1,421.9	1,274.7	2,773.3	2,323.3	9,967.1	7,574.4
2,043.1	1,860.3	3,053.2	2,519.0	13,175.7	10,253.2
2,810.4	2,590.8	3,382.6	2,779.4	16,299.6	12,911.7
3,896.8	3,621.7	4,112.0	3,408.7	759.7	590.2
5,389.9	5,048.7	5,017.0	4,212.8	1,023.4	810.2
7,352.4	6,730.8	5,642.2	4,769.5	1,620.6	1,309.1
6,930.5	6,447.1	6,631.2	5,607.8	2,631.4	2,153.5
5,872.4	5,415.7	8,136.5	6,965.3	3,703.0	3,149.9
7,399.4	6,825.9	9,499.7	8,107.5	4,613.2	3,957.6
7,613.8	6,963.4	9,023.3	7,513.0	4,525.3	3,825.4
6,847.2	6,400.1	8,821.7	7,240.8	5,084.2	4,300.6
8,124.4	7,540.9	9,350.5	7,651.6	5,621.5	4,899.6
10,534.1	9,722.2	9,960.8	8,101.1	5,474.5	4,614.9
14,165.4	13,163.8	11,018.2	8,980.2	6,698.0	5,702.3
19,689.4	18,081.1	12,521.8	10,220.5	8,527.4	7,217.7
21,913.8	19,765.8	13,862.1	11,169.0	11,251.3	9,323.5
19,670.9	17,476.2	14,070.3	11,270.1	9,370.8	8,012.2
20,581.5	18,333.6	14,070.3	11,270.1	9,598.7	8,200.7
20,893.8	18,600.2	14,070.3	11,270.1	9,876.7	8,644.4
21,234.0	18,863.8	14,610.3	11,710.3	10,364.9	8,919.4
22,809.5	20,494.3	14,610.3	11,710.3	10,686.5	9,196.8
23,978.1	21,485.8	14,610.3	11,710.3	10,568.0	9,145.7
24,691.0	22,133.9	15,295.5	12,262.1	10,649.9	9,098.2
24,756.7	22,108.6	15,295.5	12,262.1	10,868.1	9,272.9
25,623.1	22,879.6	15,295.5	12,262.1	10,913.7	9,220.7
25,826.3	23,007.8	15,936.0	12,814.0	11,361.1	9,663.2
27,699.3	27,522.4	15,936.0	12,814.0	11,878.3	10,142.3
29,909.1	26,815.2	15,936.0	12,814.0	12,253.5	10,326.7

Table 16.10 – LOANS GRANTED BY DEVELOPMENT
(In million

Period	Total	Agriculture, fisheries & forestry	Mining and quarrying	Manufacturing
1965	134.6	62.2	0.3	36.5
1970	162.0	64.9	1.0	44.8
1971	116.6	61.5	0.4	16.7
1972	181.1	100.0	1.2	39.3
1973	326.3	160.2	0.7	88.4
1974	854.3	255.7	1.6	269.8
1975	2,822.5	822.4	32.5	491.8
1976	2,608.3	892.9	341.9	507.8
1977	2,951.3	624.6	735.3	825.2
1978	3,539.9	617.2	500.2	1,328.1
1979	4,860.8	830.3	46.8	3,098.1
1980	6,084.5	833.5	812.7	2,323.1
1981	6,679.6	1,099.6	1,290.1	2,349.9
1982	7,170.7	1,047.4	753.0	2,486.9
1983	8,227.7	431.2	1,138.4	1,941.8
1984	3,957.6	426.4	18.5	500.7
1985	3,095.8	414.4	41.9	587.7
1986	6,253.5	936.5	5.6	560.3
1987	7,647.8	1,144.8	13.7	804.5
1988	10,677.9	1,652.6	5.2	2,293.5
1989	14,741.4	1,693.6	28.1	2,454.1
1990	14,269.6	1,588.9	28.3	3,267.2
1991	15,464.0	2,014.7	282.5	3,903.6
January	1,509.8	165.4	202.4	266.7
February	1,221.2	135.3	0.7	182.5
March	1,156.3	131.4	0.9	305.9
April	1,287.2	71.1	4.0	565.9
May	1,101.9	117.5	3.2	199.3
June	1,519.2	180.2	0.5	547.6
July	1,447.5	160.4	0.6	321.7
August	1,125.0	157.4	5.5	248.7
September	1,214.8	137.4	21.4	323.4
October	1,331.6	164.2	0.3	389.9
November	1,147.3	172.8	9.8	176.9
December	1,402.2	421.6	33.2	375.1

Source: Central Bank of the Philippines.

BANKS CLASSIFIED BY INDUSTRY: 1965 TO 1991
pesos)

Construction	Real estate	Transportation Storage & Communication	Financing Insurance & Business Services	Community, Social & Personal Services
0.1	7.6	12.2	1.8	13.9
1.3	9.0	37.6	3.0	0.4
0.5	22.1	6.3	2.6	6.5
0.1	27.4	7.3	2.4	3.4
1.2	45.8	11.9	3.7	14.4
1.3	165.2	145.0	7.0	8.7
9.7	1,076.7	322.4	9.5	57.5
13.1	562.4	232.2	17.5	40.5
0.7	122.5	339.7	223.6	79.7
2.4	514.2	476.4	72.8	28.6
8.2	531.0	122.2	94.2	130.0
9.4	1,012.0	691.7	256.7	145.4
17.4	1,105.5	438.7	293.9	84.5
158.8	1,146.2	520.1	1,003.7	54.6
287.4	1,678.9	319.9	2,429.9	0.2
45.2	1,099.1	799.6	1,068.1	0.0
32.2	303.1	181.6	1,534.9	0.0
19.5	199.3	57.2	2,588.5	1,886.6
52.5	224.9	35.8	4,600.5	771.1
236.3	552.8	364.6	4,560.1	1,012.8
261.1	956.6	2,278.3	7,069.6	1,737.1
405.0	1,050.6	3,145.7	4,783.9	587.0
334.2	1,484.7	132.8	6,973.8	337.7
72.0	194.3	23.0	565.6	20.4
30.9	131.1	3.1	726.1	11.5
22.0	114.6	12.5	555.2	13.8
12.7	77.4	5.2	509.3	41.6
16.7	91.6	5.9	647.8	19.9
8.7	91.4	22.5	657.1	11.2
17.4	245.1	8.0	672.2	22.1
47.6	67.0	7.6	507.4	83.8
39.4	118.1	7.5	534.3	33.3
41.2	158.1	9.7	541.8	26.4
12.2	83.2	7.1	667.3	18.0
13.4	112.8	20.7	389.7	35.7

Table 16.11 – TOTAL AGRICULTURAL CREDITS GRANTED BY
(In thousand

	Total	Palay or rice	Sugar	Corn	Coconut	Tobacco	Coffee and cocoa
1965	53,667	15,506	7,420	843	10,962	285	441
1970	60,436	19,814	9,395	1,180	12,764	460	155
1975	618,105	239,944	30,387	17,993	47,330	764	1,455
1976	676,549	277,741	33,589	23,013	47,668	539	2,024
1977	572,972	223,868	17,868	36,446	57,314	373	2,318
1978	520,513	133,370	12,062	52,140	62,782	203	5,873
1979	730,949	94,291	8,559	22,364	61,789	399	6,769
1980	696,557	96,747	9,964	14,846	61,681	341	21,545
1981	226,067	70,924	12,937	1,127	21,008	243	4,019
1982	819,300	200,849	27,000	9,491	69,063	1,053	11,520
1983	373,949	96,059	20,571	4,097	21,915	547	8,762
1984	330,169	41,605	22,779	53	6,304	97	2,785
1985	308,516	48,486	49,364	898	10,847	337	7,914
1986	760,187	184,843	98,574	3,589	23,775	173	8,209
1987	886,239	242,782	99,603	15,968	44,221	971	18,590
1988	1,390,043	295,162	148,156	3,935	12,149	137	22,243
1989	1,453,701	332,362	128,416	21,429	21,879	188	11,368
1990	1,331,880	359,746	215,966	13,700	18,463	3,596	3,491
1991	1,653,613	566,349	192,513	14,067	37,081	350	36,218
January	143,944	33,678	21,476	1,381	12,199	100	565
February	116,146	33,062	9,351	2,175	2,032	150	247
March	123,512	47,335	20,508	3,541	4,345	100	2,143
April	62,516	25,806	6,738	1,192	1,919	–	3,242
May	107,358	42,914	5,410	1,200	2,003	–	3,241
June	132,029	48,346	19,513	1,550	2,019	–	157
July	92,590	24,141	17,260	640	1,730	–	546
August	116,366	24,567	26,827	577	1,917	–	371
September	98,635	24,380	12,019	491	1,977	–	158
October	132,917	35,344	7,323	348	2,047	–	163
November	142,078	32,930	23,261	371	2,402	–	25,190
December	385,522	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.

DEVELOPMENT BANKS,[1] CLASSIFIED BY PRODUCTS: 1965 TO 1991
pesos)

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 – TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1991 (continued)
(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 [2]
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

Fig. 16.4 Total Loans Granted by Development Banks, 1982 to 1991

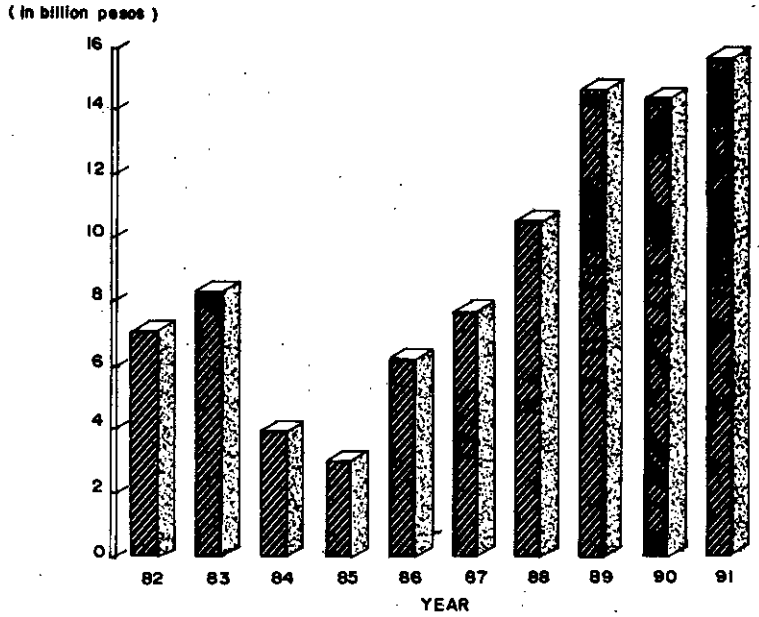

Fig. 16.5 Sources and Application of Funds of the GSIS, 1982 to 1991

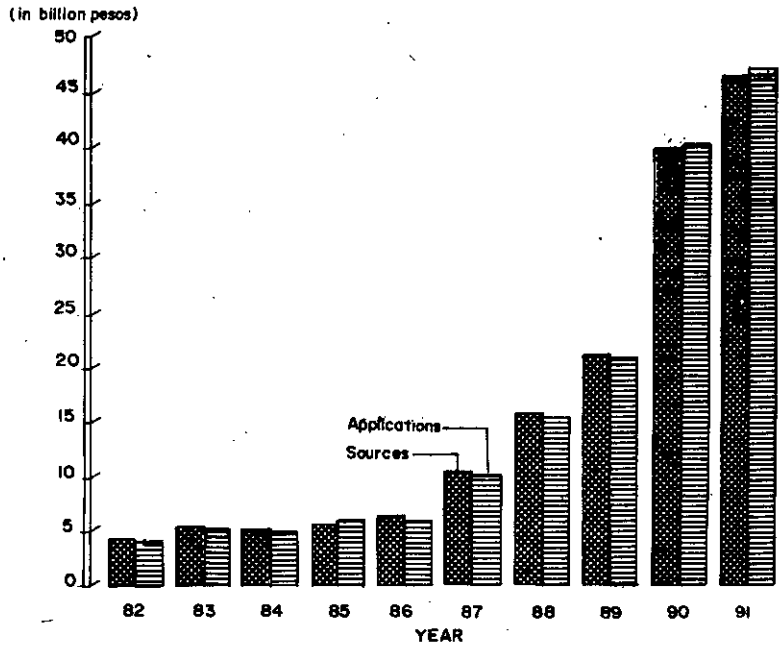

Table 16.12 – STATEMENT OF LOANS AND EQUITIES APPROVED AND
FY 1955–56
(Amount in million pesos;

Year	Total	Agricultural loans	Industrial loans	Real Estate loans	Government loans
1955–56	81.4	26.6	19.9	27.1	5.7
1960–61	219.8	42.4	155.6	6.5	5.2
1965–66	115.3	42.1	42.1	7.5	8.8
1970–71	51.9	24.2	8.9	9.0	1.6
1974–75	2,642.7	550.5	750.0	1,057.4	34.2
1975–76	2,561.5	840.9	1,080.4	448.0	57.1
1976	2,577.5	773.8	1,000.8	549.0	48.5
1977	3,068.9	536.1	1,847.8	268.9	79.6
1978	3,443.5	508.5	1,907.7	493.6	72.1
1979	5,874.7	701.4	3,053.0	499.2	130.2
1980	6,631.9	648.3	3,564.4	1,050.7	41.8
1981	9,537.4	793.4	4,701.0	1,018.4	92.3
1982	7,791.2	626.3	3,000.4	1,001.8	93.0
1983	5,602.8	109.4	2,939.5	1,069.7	59.1
1984	9,332.8	94.8	934.8	758.2	0.0
1985	169.3	62.1	23.6	77.4	0.0
1986	631.7	168.3	394.8	65.3	0.0
1987	222.0	141.4	9.3	68.7	0.0
1988	2,779.8	462.5	1,577.6	215.3	0.0
1989	1,946.1	235.4	1,369.2	341.5	0.0
1990	3,123.7	258.3	1,220.5	566.9	0.0
1991	11,675.3	280.9	2,026.2	293.7	600.0

a Includes foreign currency loan.

Source: Development Bank of the Philippines.

TOTAL RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES: TO CY 1991
annual increase in percent)

Educational assistance loans	Subscriptions to capital stocks/rural banks	Advances and subscriptions to capital stock private development banks	Financial rehabilitation loans	Equities and other investment	Bank resources
0.5	1.6	0.0	0.0	0.0	352.7
0.0	5.6	4.5	0.0	0.0	510.6
0.0	5.4	9.4	0.0	0.0	1,208.7
0.0	1.9	6.3	0.0	0.0	3,276.5
0.0	9.8	29.0	0.0	211.8	7,837.9
0.0	10.9	39.8	0.0	84.4	11,087.7
0.0	8.3	45.3	0.0	151.8	12,607.3
1.7	6.4	62.6	0.0	265.8	15,605.5
2.3	0.0	57.5	0.0	401.8	18,024.5
3.9	0.0	97.3	39.5	1,350.2	21,893.0
4.5	0.0	151.1	0.0	1,171.1	27,086.2
4.2	0.0	184.3	0.0	2,743.8	34,706.8
7.0	11.4	220.2	0.0	2,831.1	43,988.5
6.3	5.6	158.0	0.0	1,255.2	54,934.0
5.8	0.9	42.5	0.0	7,495.8	65,459.6
6.2	0.0	0.0	0.0	0.0	72,043.0
3.0	0.0	0.0	0.0	0.3	9,503.6
2.6	0.0	0.0	0.0	0.0	10,531.6
0.0	0.0	0.0	103.0	421.4	11,431.1
0.0	0.0	0.0	0.0	0.0	11,322.0
0.3	0.0	0.0	10.0	1,067.7	17,348.0[a]
1224.5	0.0	0.0	0.0	7,250.0	27,001.5

Table 16.13 – FINANCIAL CONDITION OF THE GOVERNMENT

(In million

Year	Assets						Res		
	Total	Social[1] insurance fund	Optional Life[2] insurance fund	General[3] insurance fund	Medicare[4] insurance fund	Employees Compensation insurance fund	Total	Social Insurance fund	Optional[2] 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	43,043.7	35,584.7	2,018.9	4,056.2	863.0	520.9	37,470.3	33,715.4	1,001.1

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.

SERVICE INSURANCE SYSTEM: FY 1970–1971 TO CY 1991
pesos)

erves			Surplus [e]					
General [3] insurance fund	Medicare insurance fund	Employees [5] 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	1,281.7	0.0	0.6

Table 16.14 – TREND OF INVESTMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM: FY 1955–56 TO CY 1991
(In million pesos)

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	Others[1]
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	33,284.2	7,983.8	1,908.3	3,299.2	11,819.7	8,273.2

1 Includes educational assistance loans, backpay certificates, Fly PAL Pay Later Plan and/or miscellaneous investments.

Source: Government Service Insurance System.

Fig. 16.6 Revenues and Expenditures of the SSS, 1982 to 1991

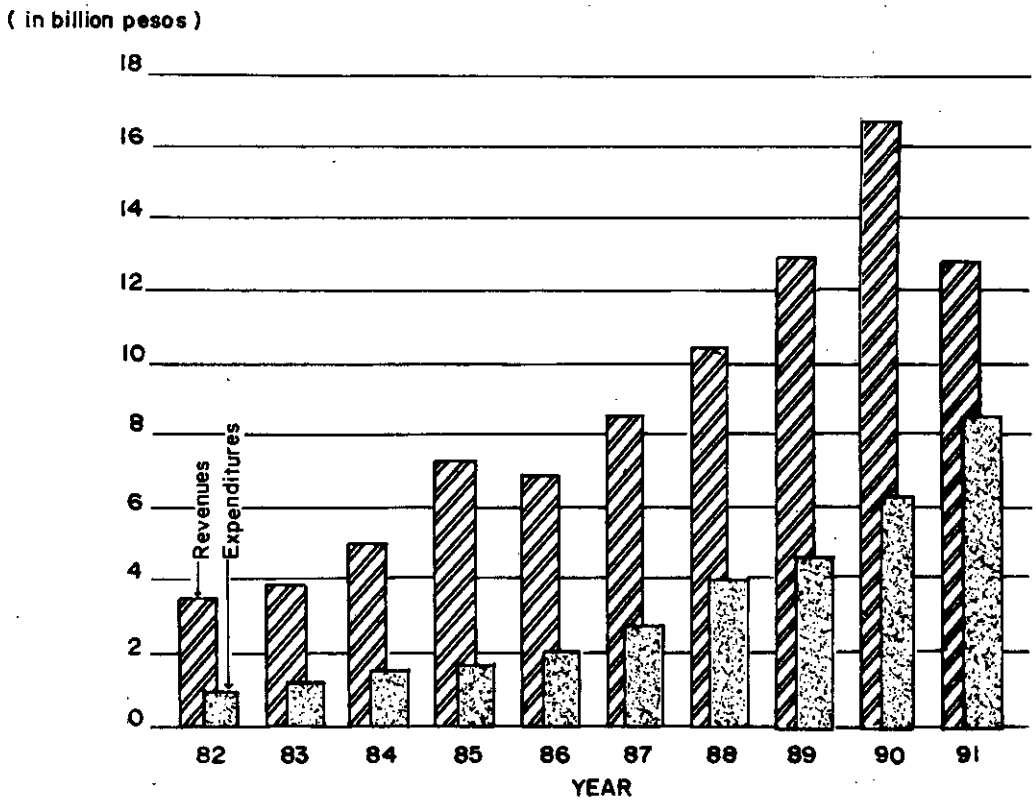

Fig. 16.7 Total Expenditures of the SSS by Source, 1982 to 1991

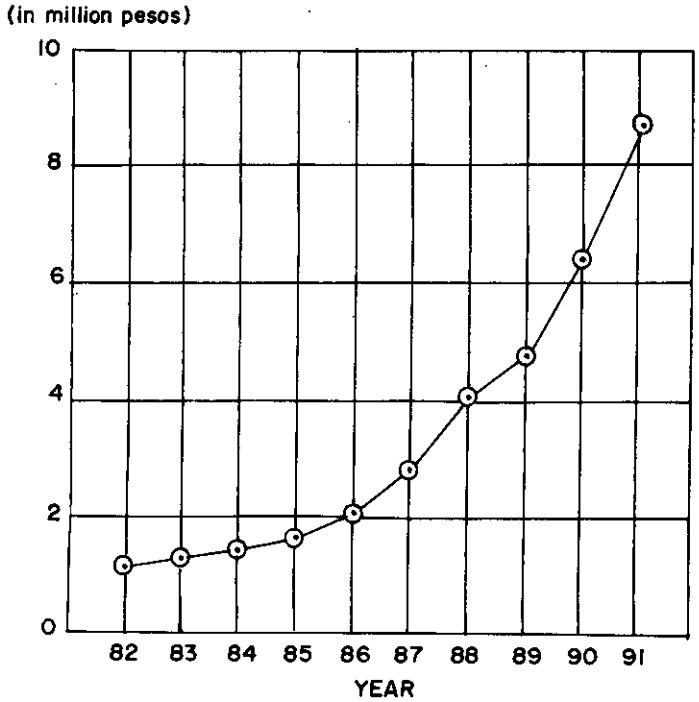

Table 16.15 – SOURCES AND APPLICATION OF FUNDS OF THE

(In million

	SOURCES				
		Receipts			
Year	Cash balance, beginning	Insurance premiums	Repayments of investments	Others	Total funds available
1970–71	(33.2)	386.5	522.0	302.4	1,177.7
1971–72	(0.8)	483.8	476.6	505.1	1,464.7
1972–73	(6.0)	520.8	433.3	379.2	1,327.3
1973–74	16.6	530.2	530.2	464.1	1,541.1
1974–75	(35.7)	632.2	818.1	386.8	1,801.4
1976	(88.8)	212.6	115.0	534.3	773.1
1977	(69.4)	915.3	685.7	332.2	1,863.8
1978	(38.6)	1,159.0	579.6	488.9	2,188.9
1979	(12.8)	1,425.9	1,129.1	471.0	3,013.2
1980	64.0	1,730.4	1,041.2	307.1	3,142.7
1981	148.1	2,224.1	1,633.5	382.7	4,388.4
1982	3.9	2,312.6	1,496.8	383.8	4,197.1
1983	8.6	2,494.6	2,244.7	530.5	5,278.4
1984	31.1	2,445.8	2,201.1	383.5	5,061.5
1985	46.1	2,841.6	2,184.6	513.9	5,586.2
1986	(2.1)	3,051.2	3,148.0	578.4	6,775.5
1987	176.0	4,093.0	5,684.3	518.0	10,471.3
1988	94.5	4,367.0	10,499.0	836.4	15,797.0
1989	169.0	5,120.2	15,016.5	1,353.8	21,659.4
1990	563.2	7,081.2	30,887.5	1,758.1	40,290.0
1991	(243.0)	9,413.0	34,935.0	2,847.0	46,952.0

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.

GOVERNMENT SERVICE INSURANCE SYSTEM: FY 1970–71 TO CY 1991
pesos)

APPLICATION				
Disbursements				
Claims & benefits payments	Investments	Operating expenses and other miscellaneous disbursements	Others	Total funds applied
224.1	602.7	195.4	156.4	1,178.6
254.9	642.6	141.7	447.2	1,486.4
398.9	672.1	74.3	165.6	1,310.9
427.2	847.8	108.9	192.9	1,576.8
411.3	866.6	142.8	427.3	1,848.0
235.4	507.2	25.2	74.7	842.5
467.5	974.1	99.7	361.1	1,902.4
668.5	1,147.2	143.2	242.8	2,201.7
726.9	1,595.1	328.3	298.9	2,949.2
699.0	1,793.9	237.4	264.4	2,994.7
794.0	2,709.6	241.9	639.0	4,384.5
922.7	2,310.4	284.5	670.9	4,188.5
1,025.4	2,479.6	332.4	1,410.0	5,247.4
1,061.7	2,823.3	285.1	845.2	5,015.3
1,470.4	2,726.5	491.2	900.2	5,588.3
1,567.3	3,772.5	605.7	654.1	6,599.6
1,817.4	7,317.3	453.5	788.7	10,376.9
1,996.9	12,315.0	554.3	761.8	15,628.0
2,756.8	17,711.1	726.0	403.1	21,597.0
3,546.0	35,662.0	687.0	638.0	40,533.0
5,284.0	40,163.0	810.0	750.0	47,007.0

Table 16.16 – EXPENDITURES OF THE SOCIAL SECURITY SYSTEM BY SOURCE: 1960 TO 1991
(In million pesos)

Year	Total Expenditure	Total benefit payments[1]	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

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[1]: 1960 TO 1991
(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

1 Excludes Medicare and Employees' Compensation

Source: Social Security System

Table 16.18 – REVENUES OF THE SOCIAL SECURITY SYSTEM BY SOURCE: 1960 to 1991
(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

Source: Social Security System.

Fig. 16.8 Investment Portfolio of the SSS, 1982 to 1991

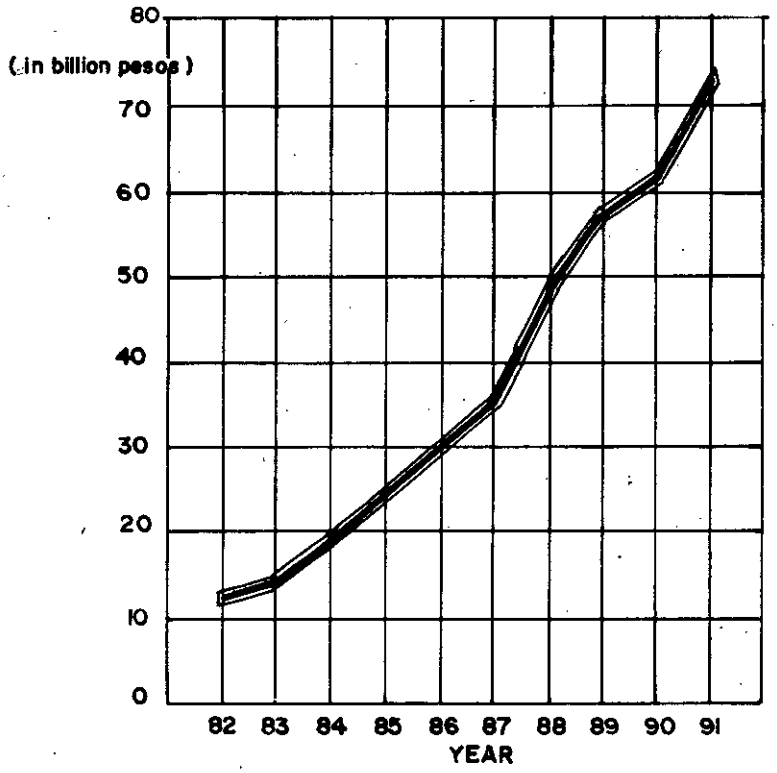

Fig. 16.9 Percent Distribution of Investment Portfolio of the SSS by Type: 1991

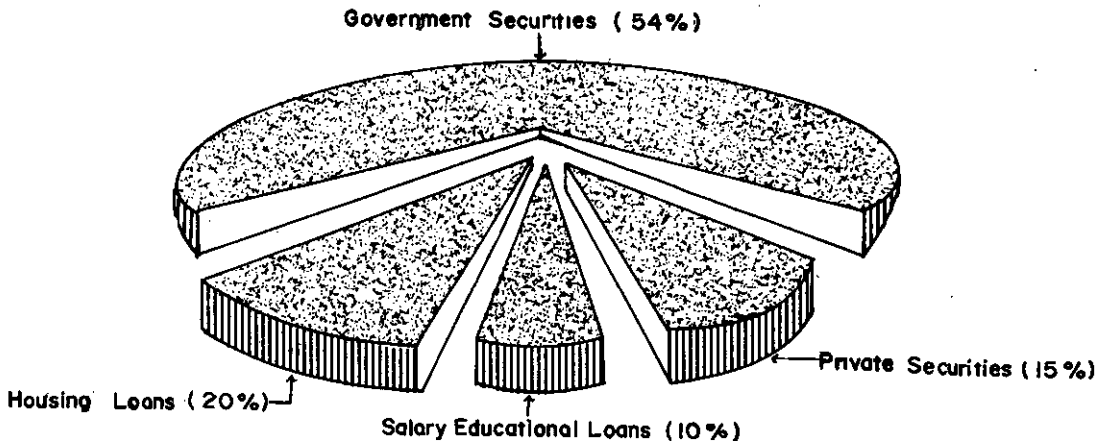

Table 16.19 – REVENUES, EXPENDITURES AND TRUST
SOCIAL SECURITY SYSTEM:
(In million

Year	Revenues				Expendi	
	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	16,848.4	12,969.0	2,265.0	1,614.4	9,993.7	8,642.8

1 Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

FUND GENERATED FROM THE OPERATIONS OF THE
1970 TO 1991
pesos)

tures		Trust Fund [1]			
Medicare	Employees' Compensation	Total	SSS	Medicare	Employe Compens
–	–	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

Table 16.20 – INVESTMENTS PORTFOLIO OF THE

(In million

Year	Total	Social		Secu
		Total	Government securities	Housing loans
1965	428.8	428.8	194.5	135.5
1970	1,103.5	1,103.5	453.3	449.6
1971	1,265.8	1,265.8	512.2	539.3
1972	1,567.3	1,519.2	768.6	525.6
1973	2,014.3	1,890.4	1,020.2	595.6
1974	2,476.3	2,348.8	1,357.0	637.0
1975	3,118.1	2,915.5	1,829.9	706.8
1976	3,857.0	3,597.0	2,297.8	845.9
1977	4,729.7	4,348.2	2,812.8	1,023.0
1978	5,793.3	5,276.7	3,473.6	1,230.9
1979	7,328.5	6,608.6	4,539.0	1,414.4
1980	9,085.1	8,066.3	5,745.4	1,593.0
1981	11,086.2	9,711.3	7,129.5	1,758.1
1982	13,308.2	11,538.4	8,409.0	1,938.6
1983	15,880.2	13,633.2	10,118.4	2,192.4
1984	19,296.7	16,449.0	11,619.7	2,575.7
1985	24,963.3	21,121.5	15,621.7	3,081.5
1986	30,172.2	25,290.7	19,610.6	3,546.7
1987	35,774.2	29,900.3	21,374.6	4,269.2
1988	48,745.4	41,552.8	30,445.4	4,931.8
1989	57,057.9	48,140.7	33,200.0	4,903.7
1990	61,030.6	50,112.1	31,040.4	8,330.9
1991	73,855.5	60,673.2	32,976.9	12,386.2

Source: Social Security System

SOCIAL SECURITY SYSTEM: 1965 TO 1991
pesos)

rity	System			
Salary educational loans	Other service loans	Private securities	Medicare	Employees' compensation
19.1	0.0	79.7	0.0	0.0
115.1	6.9	78.6	0.0	0.0
130.6	10.2	73.5	0.0	0.0
133.8	12.4	78.8	48.1	0.0
164.6	15.0	95.0	123.9	0.0
209.1	15.2	130.5	127.5	0.0
240.5	14.9	123.4	144.9	57.7
309.0	17.1	127.2	115.3	144.7
369.9	20.6	121.9	144.5	237.0
427.9	24.6	119.7	158.7	357.9
520.2	28.3	106.7	230.3	489.6
591.0	33.0	103.9	350.1	668.7
686.4	37.7	99.6	501.4	873.5
757.9	43.6	389.3	652.8	1,117.0
810.5	49.0	462.9	838.5	1,408.5
1,056.3	72.4	1,124.9	1,105.4	1,742.3
1,205.9	59.9	1,152.5	1,492.0	2,349.8
1,259.1	63.7	810.6	1,898.9	2,982.6
1,896.5	67.0	2,293.0	2,366.0	3,507.9
2,689.3	64.0	3,422.3	2,933.9	4,258.7
4,702.2	65.7	5,269.1	3,754.2	5,163.0
4,063.6	159.6	6,517.6	4,540.3	6,378.2
6,204.5	129.5	8,976.1	5,597.9	7,584.4

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. The Philippine National Police and the National Police Commision 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 was also gathered from the Public Attorney's Office.

Table 17.1	Crime Rate by Type of Crime, Philippines: 1978 to 1990	17-3
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Figure 17.1	Crime Rate by Type of Crime, Philippines, 1981 to 1990	17-3

Table 17.1 – CRIME RATE BY TYPE OF CRIME, PHILIPPINES: 1978 to 1990

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	142.1	175.3	137.3	80.5	90.7	79.0	222.6	266.0	216.2

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.

Fig. 17.1 Crime Rate by Type of Crime, Philippines, 1981 to 1990

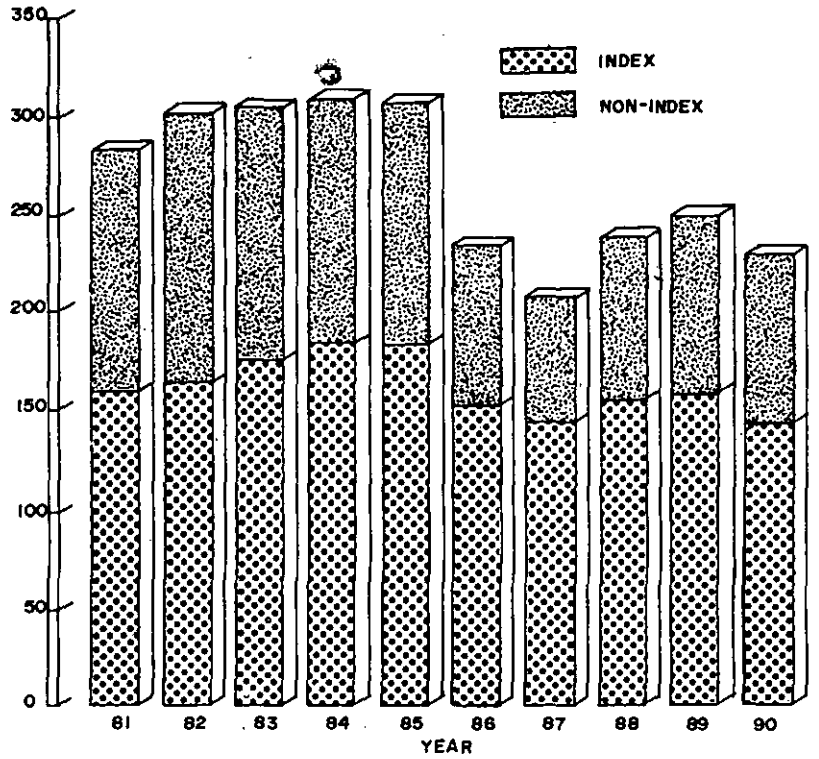

Table 17.2 – TRAFFIC ACCIDENTS AND DAMAGES: 1978 to 1990

Year	Incidence	Deaths	Injuries (Slight/Serious)	Property Damage (In Pesos)
1978	53,861	1,500	22,081	40,548
1979	61,104	1,521	22,013	45,457
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

Source: Philippine National Police, Highway PatrolGroup.

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 1978 to 1990

Year	Number Policemen	Ratio	Number (Firemen)	Ratio
1978	45,592	1,004:1	4,431	10,332:1
1979	45,713	1,029:1	4,469	10,524:1
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	8,563	7,018:1
1990	55,072	1,137:1	9,015	6,447:1

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

Courts	Pending Cases as of 12-31-85	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate Court	11,448	7,987	...	...
Sandigan Bayan	2,738	1,051	47	...
Court of Tax Appeals	832	110	...	...
Regional Trial Courts	164,505	115,148	15,655	11,809
Metropolitan Trial Courts	53897	58075	2740	1043
Municipal Trial Courts in Cities	33,652	36,994	3,166	917
Municipal Trial Courts	53,699	60,194	2,615	1,001
Municipal Circuit Trial Courts	31,546	37,703	1,993	773
Shari'a District Courts	1	15	6	...
Shari'a Circuit Courts	13	136	30	19
Total	352,331	317,413	26,252	15,562

Table 17.6 – INFLOW AND OUTFLOW OF CASES

Courts	Pending Cases as of 12-31-86	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate 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	43125	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
Total	342,891	292,666	27,450	30,747

Table 17.6 – INFLOW AND OUTFLOW OF CASES

Courts	Pending Cases as of 12-31-87	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate 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
Total	329,205	304,583	27,544	9,800

BY TYPE OF COURT: 1986 to 1991

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Sala/Courts	Pending Cases as of 12-31-86
7,324	...	...	12,111
1,227	...	...	2,609
146	...	...	796
86,451	35,852	13,699	171,115
40880	29821	1929	43125
28,957	15,904	993	28,875
42,316	13,722	9,140	52,331
27,280	7,477	5,416	31,842
8	3	...	11
79	41	2	76
234,668	102,820	31,179	342,891

BY TYPE OF COURT: 1986 to 1991 (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

BY TYPE OF COURT: 1986 to 1991 (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 – INFLOW AND OUTFLOW OF CASES

Courts	Pending Cases as of 12-31-88	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate 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	...
Total	306,945	331,340	24,154	9,159

Table 17.6 – INFLOW AND OUTFLOW OF CASES

Courts	Pending Cases as of 12-31-89	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate 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
Total	292,133	323,835	24,773	11,948

Table 17.6 – INFLOW AND OUTFLOW OF CASES

Courts	Pending Cases as of 12-31-90	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Case rec'd from other Sala/Courts
Intermediate Appelate 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
Total	271,062	341,849	25,412	9,421

Source: Supreme Court of the Philippines.

BY TYPE OF COURT: 1986 to 1991 (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

BY TYPE OF COURT: 1986 to 1991 (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

BY TYPE OF COURT: 1986 to 1991 (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 17.7 – CASES HANDLED, TERMINATED AND PENDING BY REGION: 1986 to 1991

Region	1986 Handled	1986 Terminated	1986 Pending	1987 Handled	1987 Terminated	1987 Pending	1988 Handled	1988 Terminated	1988 Pending
Philippines	153,788	79,643	76,145	198,866	114,214	84,653	217,555	128,446	89,109
Central Office	5,110	2,420	2,690	3,494	1,044	2,451	5,410	1,023	4,387
NCR	22,323	10,792	11,531	31,745	18,703	13,042	32,403	18,841	13,562
1	15,327	4,357	10,970	18,694	6,337	12,307	18,975	8,034	10,941
2	2,695	895	2,800	4,221	1,636	2,585	4,207	1,669	2,538
3	26,542	15,340	11,202	44,233	31,475	12,758	44,811	30,818	13,993
4	16,043	7,584	8,459	21,598	12,540	9,058	27,091	16,116	10,975
5	11,673	5,532	6,141	12,221	5,401	6,820	14,898	7,397	7,501
6	13,894	7,877	6,017	12,564	6,368	6,196	12,273	7,398	4,875
7	7,346	3,500	3,846	7,857	3,989	3,868	8,190	4,015	4,175
8	7,349	4,844	2,505	8,101	4,802	3,299	8,728	5,854	2,874
9A	290	170	120	353	145	208	451	191	260
9B	2,618	1,962	1,656	6,106	4,059	2,047	6,017	4,220	1,797
10	9,586	6,655	2,931	11,681	8,386	3,295	16,493	12,139	4,354
11	5,815	3,566	2,249	8,384	5,171	3,213	10,005	6,430	3,575
12	7,177	4,149	3,028	7,614	4,108	3,506	7,603	4,301	3,302

Region	1989 Handled	1989 Terminated	1989 Pending	1990 Handled	1990 Terminated	1990 Pending	1991 Handled	1991 Terminated	1991 Pending
Philippines	453,158	390,912	89,238	1,295,784	1,232,236	63,548	1,962,400	1,901,616	60,784
Central Office	13,158	10,389	3,769	21,236	19,889	1,347	26,650	25,654	996
NCR	70,051	58,039	12,012	172,206	164,305	7,901	257,313	249,118	8,195
CAR							23,660	22,665	995
1	24,406	16,918	7,488	111,091	106,289	4,802	182,615	178,880	3,735
2	8,588	6,390	2,198	33,535	31,370	2,165	87,884	85,522	2,362
3	86,685	69,060	17,625	204,230	198,275	5,955	199,655	191,431	8,224
4	65,226	53,457	11,769	145,722	136,765	8,957	344,231	335,382	8,849
5	35,090	27,372	7,718	63,186	57,524	5,662	91,278	86,319	4,959
6	29,882	23,501	6,381	36,840	32,090	4,750	100,780	96,693	4,087
7	20,291	17,349	2,942	65,553	59,779	5,774	94,316	89,847	4,469
8	26,561	23,219	3,342	123,101	118,694	4,407	133,403	130,899	2,504
9A	1,224	1,039	185	3,236	3,115	121	3,588	3,140	448
9B	8,401	6,344	2,057	20,722	19,132	1,590	43,958	42,706	1,252
10	38,860	34,370	4,490	182,162	177,685	4,477	164,746	160,257	4,489
11	2,889	24,791	4,090	80,652	76,792	3,860	125,612	122,556	3,056
12	21,846	18,674	3,172	32,312	30,532	1,780	82,711	80,547	2,164

Source: Public Attorney's Office.

Table 17.8 – CASES HANDLED AND TERMINATED BY THE PUBLIC ATTORNEY'S OFFICE: 1976 to 1991

	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

Source: Public Attorney's Office.

Table 17.9 – CLIENTELE ASSISTED BY THE PUBLIC ATTORNEY'S OFFICE: 1981 to 1991

Services	1981	1982	1985	1986	1987	1988	1989	1990	1991
Indigent person served	114,280	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
released	...	8,136	5,403	5,023	6,047	5,692	...	31,524	48,565
Youthful offenders									
assisted	186	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
Beneficiaries of legal counselling	...	...	11,423	14,860	24,902	18,820	116,141	764,063	1,101,615
Clients benefitted with administration of oath	...	...	...	...	...	...	...	36,119	96,198

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.

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Table 18.1 – DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVENTORS: 1977 to 1990

YEAR	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
	No.	%	No.	%	No.	%	No.	%
1977	715	100	90	13	460	64.3	165	23.1
1978	805	100	106	13	498	61.9	201	25.0
1979	715	100	82	12	465	65.0	168	23.5
1980	889	100	93	11	520	58.5	276	31.0
1981	741	100	69	9	463	62.5	209	28.2
1982	511	100	35	7	318	62.2	158	30.9
1983	449	100	52	12	288	64.1	109	24.3
1984	358	100	29	8	235	65.6	94	26.3
1985	388	100	22	6	294	75.8	72	18.6
1986	440	100	36	8	278	63.2	126	28.6
1987	473	100	44	9	275	58.1	154	32.6
1988	461	100	43	9	192	41.6	226	49.0
1989	387	100	37	10	192	50	158	41
1990	386	100	33	9	196	51	157	41

Note: 1991 is not yet available.

Source: Bureau of Patents, Trademarks and Technology Transfer.

Table 18.2 – DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVENTORS: 1977 to 1990

YEAR	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
	No.	%	No.	%	No.	%	No.	%
1977	993	100	969	97.6	6	0.6	18	1.8
1978	834	100	780	93.5	6	0.7	48	5.8
1979	803	100	775	96.5	3	0.4	25	3.1
1980	885	100	811	91.6	14	1.6	60	6.8
1981	806	100	718	89.1	7	0.9	81	10.0
1982	623	100	525	84.3	3	0.5	95	15.2
1983	1,300	100	1,228	94.5	7	0.5	65	5.0
1984	1,120	100	1,098	98.0	2	0.2	20	1.8
1985	1,307	100	1,259	96.3	8	0.6	40	3.1
1986	1,326	100	1,272	95.9	8	0.6	46	3.5
1987	1,307	100	1,182	90.4	7	0.5	118	9.0
1988	1,198	100	1,142	95.3	5	0.4	51	4.3
1989	1,207	100	1,064	88	4	0	139	12
1990	1,259	100	1,059	84	5	0	195	16

Note: 1991 is not yet available.

Source: Bureau of Patents, Trademarks and Technology Transfer.

Table 18.3 – NUMBER OF NEW AND EXISTING TECHNOLOGIES COMMERICIALIZED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990 to 1991

SECTOR	New*		Existing**	
	Number	%	Number	%
1990	22	100.00	68	100.00
Agriculture and Natural Resources	7	31.82	4	5.88
Aquatic and Marine Resources	1	4.55	2	2.94
Industry and Energy	12	54.54	60	88.24
Health and Nutrition	2	9.09	2	2.94
1991	7	100.00	68	100.00

Note: Breakdown for 1991 is not yet available.
* New refers to those technologies that are commercialized for the first time.
** Existing refers to previously commercialized technologies that are again commercialized by other adoptors.

Source: DOST Councils, Institutes and Agencies

Table 18.4 – NUMBER OF NEW AND EXISTING TECHNOLOGIES DIFFUSED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990 to 1991

SECTOR	New*		Existing**	
	Number	%	Number	%
1990	118	100.00	288	100.00
Agriculture and Natural Resources	19	16.10	95	32.99
Aquatic and Marine Resources	6	5.09	14	4.86
Industry and Energy	77	65.25	141	48.96
Health and Nutrition	16	13.56	20	6.94
Advanced Science and Technology	–	–	18	6.25
1991	112	100.00	382	100.00

Note: Breakdown for 1991 is not yet available.
* New refers to those technologies that are diffused for the first time.
** Existing refers to previously diffused technologies that are again introduced to other prospective adoptors.

Source: DOST Councils, Institutes and Agencies

Table 18.5 – NUMBER OF NEW AND ONGOING JOINT RESEARCH PROJECTS/VENTURES OF THE DEPARTMENT OF SCIENCE AND TECHNOLOGY WITH THE PRIVATE SECTOR: 1990 to 1991

SECTOR	New		Ongoing	
	Number	%	Number	%
1990	139	100.00	87	100.00
Agriculture and Natural Resources	73	52.51	11	12.64
Aquatic and Marine Resources	3	2.16	7	8.05
Industry and Energy	58	41.73	60	68.96
Health and Nutrition	2	1.44	8	9.2
Advanced Science and Technology	3	2.16	1	1.15
1991	118	100.00	42	100.00

Note: Breakdown for 1991 is not yet available.
Source: DOST Councils, Institutes and Agencies

Table 18.6 – NUMBER OF ONGOING AND NEWLY-AWARDED SCHOLARS SUPPORTED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990 to 1991

SECTOR	Ongoing		Newly-Awarded	
	Number	%	Number	%
1990	1,696	100.00	617	100.00
Agriculture and Natural Resources	42	2.48	10	1.62
Aquatic and Marine Resources	5	0.29	5	0.81
Industry and Energy	4	0.24	20	3.24
Health and Nutrition	7	0.41	4	0.65
Science and Technology (S&T) Support Services	1,595	94.04	501	81.2
Advanced Science and Technology	43	2.54	77	12.48
1991	2,423	100.00	763	100.00

Note: Breakdown for 1991 is not yet available.
Source: DOST Councils, Institutes and Agencies

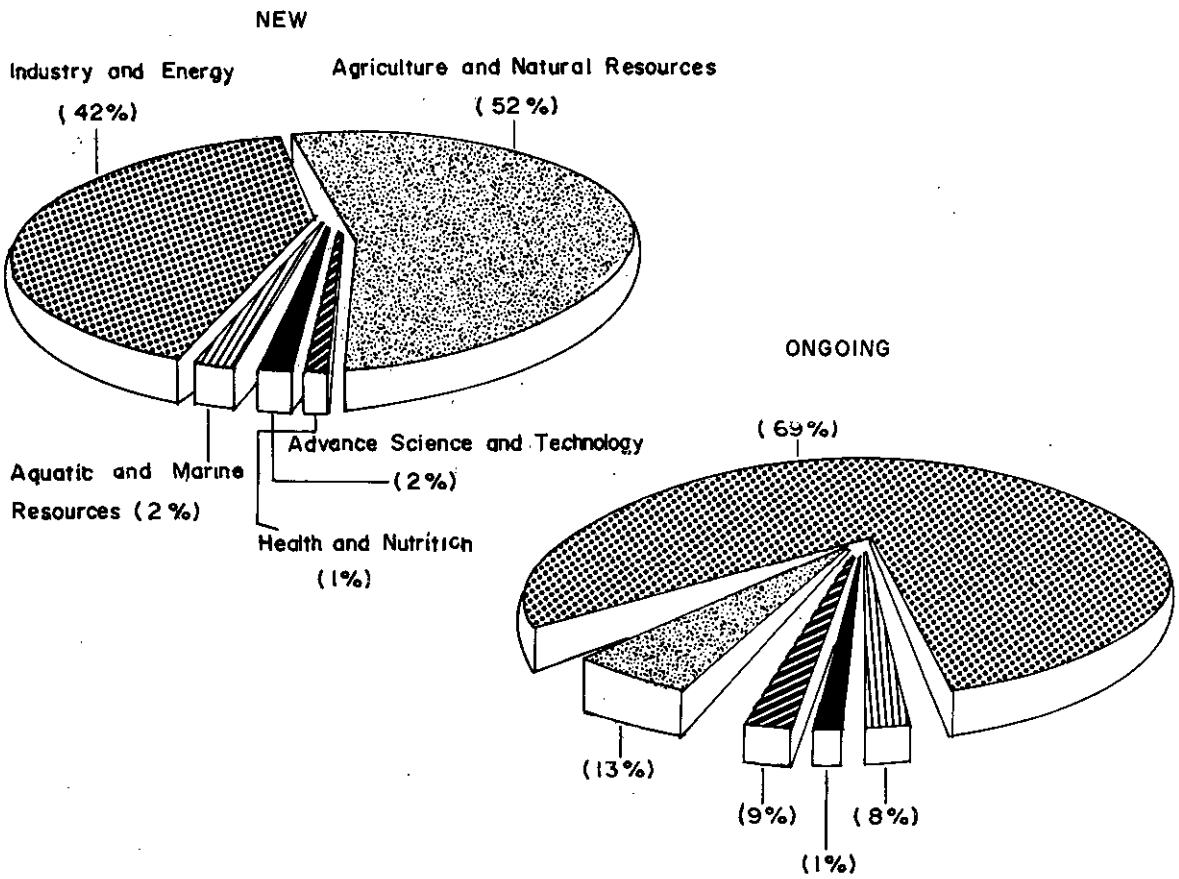
Table 18.7 – NUMBER OF R & D PROJECTS COMPLETED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990 to 1991

SECTOR	Number	%
1990	1,696	100.00
Agriculture and Natural Resources	42	2.48
Aquatic and Marine Resources	5	0.29
Industry and Energy	4	0.24
Health and Nutrition	7	0.41
Science and Technology (S&T) Support Services	1,595	94.04
Advanced Science and Technology	43	2.54
1991	389	100.00

Note: Breakdown for 1991 is not available.

Source: DOST Councils, Institutes and Agencies

Fig. 18.1 Percent Distribution of New and Ongoing Joint Research of the DOST with the Private Sector: 1991



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), net material product (world and regions), GDP by kind of economic activityand 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 1987 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, debt service ratio and trade balance were taken from the Asian Development Outlook 1992.

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Fig. 19.1 Inflation Rate of Selected Asian Countries, 1991

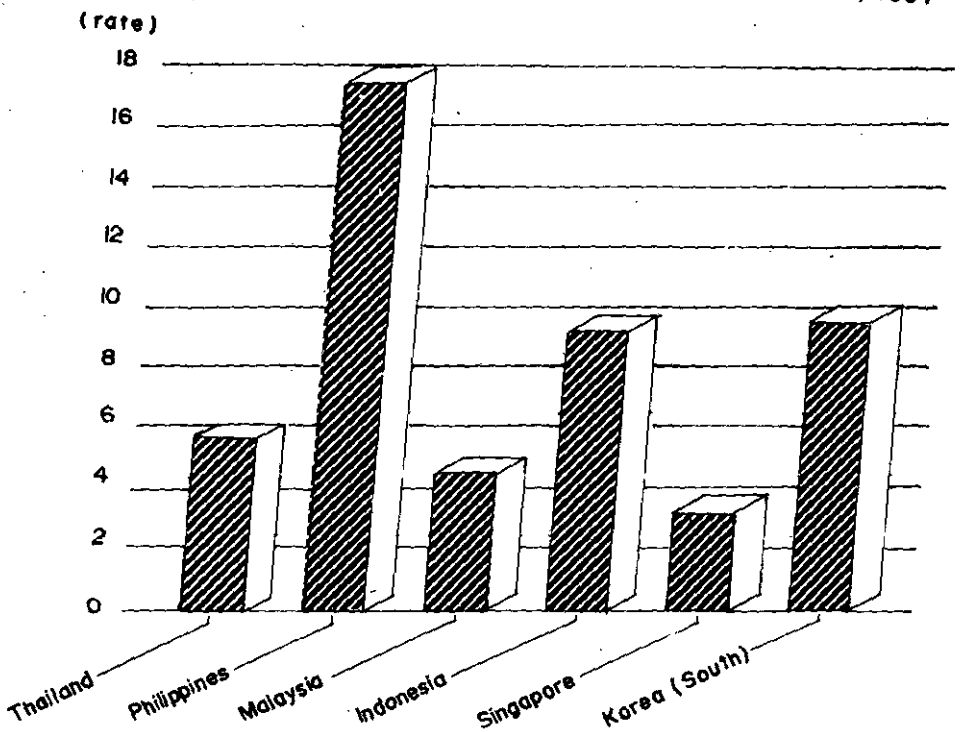

Fig. 19.2 Trade Balance of Selected Asian Countries, 1991

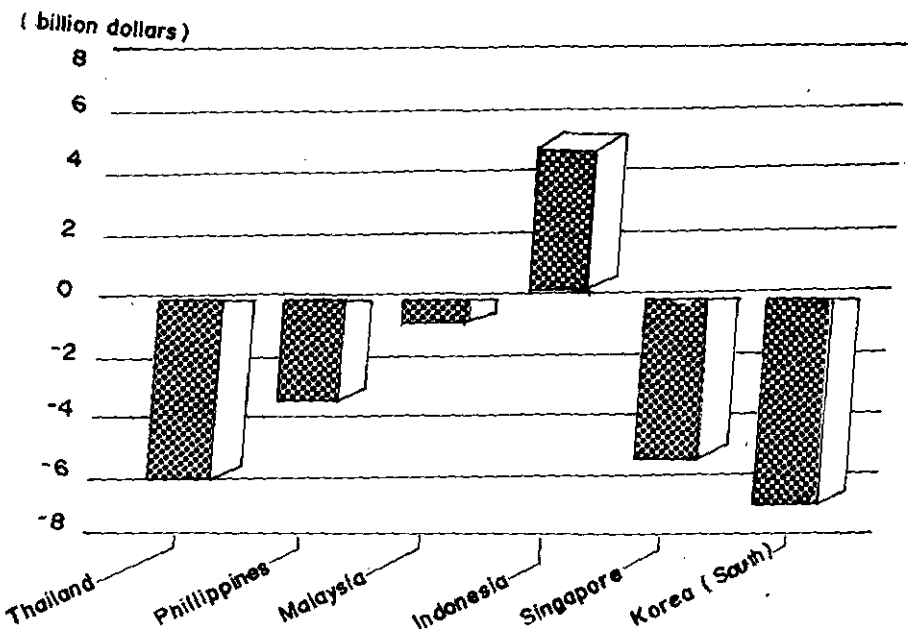

Table 19.1 – POPULATION, RATE OF INCREASE, BIRTH AND DEATH RATES, SURFACE AREA AND DENSITY FOR THE WORLD, MACRO REGIONS AND REGIONS: SELECTED YEARS

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	1988	85-88	85-88	85-88	1988	1988
WORLD TOTAL	3,698	4,079	4,450	4,854	5,112	1.7	27	10	135,791	38
AFRICA	363	415	481	557	610	3.0	45	15	30,305	20
Eastern Africa	108	124	144	167	183	3.1	48	17	6,354	29
Middle Africa	39	45	52	60	66	2.9	45	16	6,613	10
Northern Africa	83	94	108	124	135	2.7	38	11	8,525	16
Southern Africa	26	29	32	36	39	2.3	33	10	2,675	15
Western Africa	106	124	144	169	187	3.3	49	17	6,138	30
NORTHERN AMERICA 2_/	226	239	252	265	272	0.8	15	9	21,525	13
LATIN AMERICA	285	322	362	404	430	2.1	29	8	20,535	21
Caribbean	25	27	29	31	33	1.5	25	8	235	139
Central America	70	81	93	105	112	2.3	31	6	2,481	45
South America	191	214	240	268	285	2.1	29	8	17,819	16
ASIA 3,4_/	2,101	2,353	2,583	2,834	2,996	1.9	28	9	27,582	109
Eastern Asia 3_/	988	1,096	1,176	1,249	1,299	1.3	20	7	11,763	110
Southern Asia	754	849	948	1,070	1,148	2.3	35	12	6,781	196
Southeastern Asia	287	324	360	401	425	1.9	29	10	4,493	95
Western Asia 4_/	74	85	98	114	124	2.8	35	8	4,545	27
EUROPE 3,4_/	460	474	484	492	496	0.2	13	11	4,933	100
Eastern Europe	103	106	109	112	113	0.3	15	11	990	114
Northern Europe	80	82	82	83	84	0.2	13	12	1,628	51
Southern Europe	128	133	139	142	144	0.3	13	10	1,316	109
Western Europe	148	152	154	155	156	0.1	12	11	999	156
OCEANIA 2_/	19.3	21.1	22.8	24.6	25.7	1.4	20	8	8,509	3
Australia and New Zealand	15.4	16.7	17.8	19.0	19.7	1.1	15	8	7,958	2
Melanesia	3.3	3.7	4.2	4.8	5.2	2.6	37	10	541	10
Micronesia	0.3	0.3	0.3	0.3	0.4	1.7	32	6	3	122
Polynesia	0.4	0.4	0.5	0.5	0.5	1.6	34	5	7	77
USSR	243	255	266	277	284	0.8	18	11	22,402	13

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: 1987 United Nations Statistical Yearbook.

Table 19.2 – GROWTH OF GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT, WORLD AND REGIONS 1975 TO 1987

Region	Years	Gross Domestic Product–Net Material Product		Agriculture	Industrial Activity	Construction	Wholesale and Retail Trade	Transport and Communication
		Total	Per Capita					
World	1975-80	3.9	2.3	1.2	4.1	2.4	3.8	5.0
	1980-87	2.9	1.3	2.9	3.1	1.2	3.0	3.0
	1979	3.5	2.0	(0.4)	4.6	0.7	3.5	5.1
	1980	2.2	0.7	0.7	0.7	0.6	2.2	3.0
	1981	1.8	0.2	3.7	0.0	(1.1)	2.3	1.8
	1982	0.7	(0.9)	4.8	(0.4)	(1.7)	0.7	0.2
	1983	2.7	1.1	1.4	3.1	(0.4)	3.0	3.1
	1984	4.4	2.8	4.0	6.2	1.6	4.5	4.5
	1985	3.5	1.9	2.0	4.2	2.6	3.2	3.5
	1986	3.0	1.5	3.0	2.2	3.8	3.5	3.3
	1987	3.4	1.9	1.0	4.4	3.6	3.0	4.4
Developed regions, SNA Countries	1975-80	3.4	2.7	1.1	3.7	1.4	3.6	4.4
	1980-87	2.7	2.1	2.1	2.9	0.3	3.2	2.8
	1979	3.2	2.4	2.2	4.0	0.4	3.5	5.0
	1980	1.4	0.6	0.2	0.3	(1.6)	0.9	2.4
	1981	1.6	0.9	4.1	0.9	(3.1)	1.2	0.7
	1982	(0.2)	(0.9)	4.1	(1.6)	(2.8)	0.7	(1.1)
	1983	2.7	2.0	(4.9)	3.7	(1.1)	3.2	3.1
	1984	4.6	4.0	6.5	6.9	1.3	5.1	5.0
	1985	3.3	2.7	3.5	3.7	1.2	3.4	3.1
	1986	2.7	2.1	2.0	0.9	3.2	4.1	2.8
	1987	3.3	2.7	0.1	3.5	3.9	3.3	4.9
MPS countries	1975-80	4.8	3.5	0.7	5.6	2.8	4.4	4.1
	1980-87	5.1	3.9	4.3	5.4	5.4	3.4	4.1
	1979	3.8	2.6	(1.2)	4.6	0.4	2.8	1.4
	1980	4.0	2.8	(2.5)	4.7	3.8	3.7	4.2
	1981	3.1	1.8	2.0	2.5	1.8	4.4	3.9
	1982	4.2	2.9	8.1	3.1	1.6	0.2	3.5
	1983	5.6	4.5	6.6	5.1	6.4	4.3	4.6
	1984	5.5	4.5	5.0	6.2	4.1	4.2	2.9
	1985	5.8	4.8	(0.1)	7.4	6.4	5.1	4.9
	1986	5.0	3.8	5.4	5.3	10.8	3.1	5.4
	1987	4.6	3.3	1.1	6.6	5.8	1.8	2.9
Developing regions (SNA only)	1975-80	3.7	0.7	0.0	4.6	4.7	2.6	5.5
	1980-87	1.3	(1.6)	1.1	(0.1)	3.4	1.0	1.6
	1979	2.5	(1.2)	(4.7)	8.3	2.3	(1.3)	6.8
	1980	4.8	1.7	3.0	(0.7)	3.0	8.7	6.3
	1981	0.2	(2.7)	2.0	(9.9)	5.6	5.8	9.1
	1982	2.5	(0.5)	4.9	1.8	(1.4)	3.0	5.4
	1983	(0.1)	(3.0)	(2.2)	1.4	(4.0)	(0.2)	(1.4)
	1984	0.4	(2.5)	(2.9)	1.0	7.9	(1.7)	(2.1)
	1985	3.8	0.8	1.8	2.4	23.1	1.2	2.3
	1986	1.6	(1.4)	5.8	(2.3)	(6.6)	0.7	1.5
	1987	0.3	(2.6)	1.2	0.6	(4.5)	1.3	1.9

Table 19.2 – GROWTH OF GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT, WORLD AND REGIONS 1975 TO 1987 (continued)

Region	Years	Gross Domestic Product-Net Material Product		Agriculture	Industrial Activity	Construction	Wholesale and Retail Trade	Transport and Communication
		Total	Per Capita					
Carribean., Latin America	1975-80	5.1	2.7	3.3	4.7	5.3	5.2	7.0
	1980-87	1.4	(0.7)	2.0	1.6	(2.6)	0.2	2.1
	1979	6.3	3.9	2.2	7.7	3.0	8.0	8.0
	1980	5.2	2.9	3.3	3.8	5.7	5.7	6.6
	1981	0.7	(1.5)	4.6	(3.1)	0.1	1.3	3.4
	1982	(1.1)	(3.3)	0.1	(1.7)	(7.7)	(3.1)	(0.8)
	1983	(1.9)	(4.0)	0.6	(1.5)	(12.8)	(3.6)	(1.2)
	1984	3.5	1.3	3.3	5.3	(2.5)	3.1	4.0
	1985	2.8	0.6	3.8	3.1	3.1	1.3	3.1
	1986	3.7	1.5	(2.3)	5.3	4.9	2.1	3.5
	1987	2.3	0.2	6.2	1.5	1.9	1.3	4.7
Eastern, Southeastern and Southern Asia, Ex. Japan	1975-80	6.3	4.4	1.6	9.1	7.8	6.4	8.7
	1980-87	7.2	5.2	4.9	8.8	7.2	6.9	8.2
	1979	4.2	2.4	1.0	6.6	2.0	4.1	6.7
	1980	5.8	3.9	2.1	6.7	14.8	5.1	6.2
	1981	5.9	3.9	6.7	3.4	5.2	8.7	6.4
	1982	5.4	3.4	5.9	3.4	4.0	4.7	9.0
	1983	7.9	6.0	6.9	8.7	11.4	7.6	7.4
	1984	8.3	6.3	7.4	11.7	4.8	6.8	7.6
	1985	7.6	5.8	2.1	11.4	8.5	7.8	9.3
	1986	6.4	4.4	2.2	8.8	7.5	6.0	9.2
	1987	7.8	5.9	2.4	11.4	8.6	7.8	7.7
Western Asia	1975-80	3.3	0.4	2.8	0.2	3.9	0.5	9.7
	1980-87	(0.8)	(4.0)	3.5	(4.0)	(3.4)	3.7	3.1
	1979	3.6	0.6	0.7	4.4	(1.2)	(1.3)	10.6
	1980	(1.2)	(4.2)	4.3	(11.6)	6.1	1.4	(1.4)
	1981	0.0	(3.1)	5.4	(11.5)	6.1	20.1	1.0
	1982	2.3	(1.0)	6.4	(0.6)	6.5	7.2	3.3
	1983	(2.0)	(5.2)	(0.8)	(11.2)	(1.6)	14.7	4.7
	1984	0.2	(3.1)	2.9	(0.5)	(2.8)	1.7	5.6
	1985	(2.7)	(5.8)	5.8	(4.4)	(9.2)	(3.5)	4.2
	1986	(3.0)	(6.0)	4.3	(4.2)	(10.8)	(6.0)	1.6
	1987	1.1	(1.9)	0.9	7.7	(8.2)	(1.8)	(3.1)
Oceania	1975-80	2.2	0.7	1.1	2.3	1.2	1.0	5.4
	1980-87	3.4	1.8	4.2	2.8	1.9	1.7	3.6
	1979	2.0	0.5	(7.1)	3.0	0.8	3.3	3.6
	1980	2.6	1.1	(5.8)	1.8	6.9	2.2	6.7
	1981	2.5	0.9	11.3	2.3	4.6	4.7	3.1
	1982	(0.8)	(2.3)	(15.3)	(3.6)	(8.9)	(3.9)	(1.4)
	1983	4.7	3.0	27.1	3.5	0.0	2.5	3.0
	1984	5.2	3.6	0.8	7.5	8.0	5.5	6.1
	1985	4.2	2.7	1.9	6.0	6.0	2.4	4.9
	1986	2.8	1.3	5.7	(0.7)	(1.1)	(1.5)	3.4
	1987	3.7	2.2	0.5	2.2	6.4	1.6	6.5

SNA System of National Accounts.
MPS Material Production System.

Source: 1987 United Nations Statistical Yearbook.

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS 1975 TO 1987

Region	Year	Gross Domestic Product		Agri-culture	Industrial Activity		Construction	Wholesale and Retail Trade	Transport and Communi-cation	Others
		Total	Per Capita		Total	Manu-facturing				
Developed regions, SNA countries	1975-80	3.4	2.7	1.1	3.7	3.9	1.4	3.6	4.4	3.8
	1980-87	2.7	2.1	2.1	2.9	3.1	0.3	3.2	2.8	3.0
	1979	3.2	2.4	2.2	4.0	3.8	0.4	3.5	5.0	4.0
	1980	1.4	0.6	0.2	0.3	(0.2)	(1.6)	0.9	2.4	2.9
	1981	1.6	0.9	4.1	0.9	0.7	(3.1)	1.2	0.7	2.7
	1982	(0.2)	(0.9)	4.1	(1.6)	(1.8)	(2.8)	0.7	(1.1)	1.5
	1983	2.7	2.0	(4.9)	3.7	4.1	(1.1)	3.2	3.1	2.7
	1984	4.6	4.0	6.5	6.9	7.4	1.3	5.1	5.0	3.6
	1985	3.3	2.7	3.5	3.7	3.9	1.2	3.4	3.1	3.7
	1986	2.7	2.1	2.0	0.9	1.4	3.2	4.1	2.8	3.5
	1987	3.3	2.7	0.1	3.5	4.1	3.9	3.3	4.9	3.1
Northern America	1975-80	3.5	2.4	0.6	3.6	4.3	2.2	3.3	5.2	3.5
	1980-87	3.2	2.2	3.2	3.2	4.0	2.1	4.3	2.7	2.9
	1979	2.1	1.1	4.4	2.3	2.3	(1.4)	2.3	4.4	3.3
	1980	0.1	(1.1)	(1.3)	(2.7)	(4.4)	(5.5)	(1.6)	(0.7)	2.2
	1981	2.4	1.3	14.5	2.4	2.1	(6.4)	1.3	(1.1)	2.8
	1982	(2.6)	(3.6)	1.6	(5.9)	(6.7)	(3.8)	(0.6)	(3.7)	0.4
	1983	3.9	2.8	(16.4)	4.4	6.1	3.5	4.3	4.9	2.5
	1984	7.1	6.0	11.9	11.3	12.2	6.2	8.6	5.6	3.5
	1985	3.8	2.9	13.4	3.2	4.2	4.0	5.5	2.1	4.0
	1986	3.0	2.1	4.8	0.5	2.4	4.3	5.0	3.4	3.5
	1987	3.6	2.7	(0.8)	4.1	4.5	2.0	2.8	6.5	3.8
Europe	1975-80	3.4	2.8	1.1	3.7	2.9	1.3	2.9	4.5	3.7
	1980-87	2.3	1.8	1.8	2.4	1.3	1.3	2.2	2.7	2.7
	1979	3.5	2.9	(2.2)	4.4	3.9	0.9	2.8	5.2	3.8
	1980	2.0	1.5	(0.2)	1.5	(0.1)	1.2	1.2	3.6	3.2
	1981	0.7	0.2	(1.0)	0.1	(1.6)	(2.1)	0.9	2.1	2.3
	1982	1.4	0.9	6.7	0.6	(0.7)	(0.7)	0.5	1.0	2.1
	1983	2.3	1.8	2.3	2.8	1.5	1.5	2.2	2.3	2.1
	1984	2.6	2.1	1.7	3.0	2.5	0.4	3.0	3.5	3.1
	1985	2.8	2.3	(1.6)	3.5	2.4	1.2	2.4	3.2	3.0
	1986	3.0	2.5	4.4	2.6	1.1	5.2	3.1	3.1	3.5
	1987	2.7	2.2	(1.5)	3.3	2.2	3.9	2.2	3.4	2.9
European Economic Community	1975-80	3.1	2.7	2.4	3.0	2.9	0.5	2.6	4.9	3.7
	1980-87	1.9	1.6	1.9	1.3	1.2	(0.4)	2.1	2.7	2.8
	1979	3.5	3.1	1.9	4.3	3.7	0.7	2.7	7.0	3.8
	1980	1.2	0.9	3.6	(0.4)	(0.6)	0.5	(0.6)	3.1	3.1
	1981	0.1	(0.2)	(0.3)	(1.4)	(1.9)	(4.5)	0.1	1.8	2.4
	1982	0.9	0.6	7.8	(0.6)	(0.7)	(1.9)	0.8	1.0	2.1
	1983	1.6	1.3	(1.5)	1.8	1.5	(0.4)	1.8	1.7	2.1
	1984	2.3	2.1	5.7	1.9	2.2	(1.3)	3.0	3.9	3.1
	1985	2.4	2.2	(0.9)	2.6	2.2	(0.4)	2.1	3.6	3.0
	1986	2.5	2.3	1.3	1.4	1.0	2.5	3.4	2.6	3.6
	1987	2.7	2.6	(0.2)	2.2	2.3	3.6	3.0	4.3	2.8

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS 1975 TO 1987 (continued)

Region	Year	Gross Domestic Product		Agri-culture	Industrial Activity		Construction	Wholesale and Retail Trade	Transport and Communi-cation	Others
		Total	Per Capita		Total	Manu-facturing				
Other Europe	1975-80	3.0	2.5	1.9	3.8	2.8	2.9	2.4	4.4	3.8
	1980-87	2.0	1.6	0.8	2.7	2.1	0.6	2.1	2.6	2.5
	1979	4.4	3.9	5.1	6.5	5.7	3.3	4.4	4.7	3.8
	1980	3.3	2.9	3.1	4.3	3.3	4.6	3.4	5.7	3.6
	1981	0.6	0.1	(0.4)	0.1	(0.1)	0.2	1.1	0.8	1.6
	1982	0.6	0.1	7.1	(0.9)	(1.1)	(0.7)	1.7	(1.1)	1.8
	1983	1.8	1.3	0.0	3.1	2.0	1.0	2.2	1.3	2.4
	1984	2.9	2.4	3.0	4.9	4.4	1.1	1.9	5.1	2.9
	1985	3.0	2.6	(4.0)	4.3	3.9	0.6	2.7	3.2	2.8
	1986	2.5	2.1	1.3	1.9	1.9	0.8	3.3	4.6	2.4
	1987	1.7	1.4	(2.4)	3.0	1.8	1.1	1.0	3.2	3.3
Developing regions (SNA only)–Regions	1975-80	3.7	0.7	0.0	4.6	4.8	4.7	2.6	5.5	5.2
	1980-87	1.3	(1.6)	1.1	(0.1)	2.0	3.4	1.0	1.6	2.3
	1979	2.5	(1.2)	(4.7)	8.3	5.3	2.3	(1.3)	6.8	3.6
	1980	4.8	1.7	3.0	(0.7)	8.5	3.0	8.7	6.3	7.8
	1981	0.2	(2.7)	2.0	(9.9)	5.9	5.6	5.8	9.1	5.9
	1982	2.5	(0.5)	4.9	1.8	3.2	(1.4)	3.0	5.4	1.1
	1983	(0.1)	(3.0)	(2.2)	1.4	(1.0)	(4.0)	(0.2)	(1.4)	3.7
	1984	0.4	(2.5)	(2.9)	1.0	1.7	7.9	(1.7)	(2.1)	0.9
	1985	3.8	0.8	1.8	2.4	2.4	23.1	1.2	2.3	1.9
	1986	1.6	(1.4)	5.8	(2.3)	3.1	(6.6)	0.7	1.5	2.1
	1987	0.3	(2.6)	1.2	0.6	1.1	(4.5)	1.3	1.9	2.6
Caribbean, Latin America	1975-80	5.1	2.7	3.3	4.7	4.9	5.3	5.2	7.0	4.9
	1980-87	1.4	(0.7)	2.0	1.6	1.3	(2.6)	0.2	2.1	2.2
	1979	6.3	3.9	2.2	7.7	7.8	3.0	8.0	8.0	5.0
	1980	5.2	2.9	3.3	3.8	4.4	5.7	5.7	6.6	5.6
	1981	0.7	(1.5)	4.6	(3.1)	(5.5)	0.1	1.3	3.4	3.4
	1982	(1.1)	(3.3)	0.1	(1.7)	(2.3)	(7.7)	(3.1)	(0.8)	0.7
	1983	(1.9)	(4.0)	0.6	(1.5)	(2.4)	(12.8)	(3.6)	(1.2)	0.7
	1984	3.5	1.3	3.3	5.3	5.0	(2.5)	3.1	4.0	2.8
	1985	2.8	0.6	3.8	3.1	3.0	3.1	1.3	3.1	2.5
	1986	3.7	1.5	(2.3)	5.3	6.3	4.9	2.1	3.5	3.6
	1987	2.3	0.2	6.2	1.5	2.1	1.9	1.3	4.7	2.4
Eastern, Southeastern and Southern Asia Ex. Japan	1975-80	6.3	4.4	1.6	9.1	9.8	7.8	6.4	8.7	7.0
	1980-87	7.2	5.2	4.9	8.8	9.8	7.2	6.9	8.2	6.3
	1979	4.2	2.4	1.0	6.6	7.3	2.0	4.1	6.7	6.4
	1980	5.8	3.9	2.1	6.7	8.0	14.8	5.1	6.2	6.7
	1981	5.9	3.9	6.7	3.4	3.9	5.2	8.7	6.4	7.1
	1982	5.4	3.4	5.9	3.4	4.8	4.0	4.7	9.0	6.6
	1983	7.9	6.0	6.9	8.7	9.3	11.4	7.6	7.4	5.6
	1984	8.3	6.3	7.4	11.7	12.4	4.8	6.8	7.6	6.1
	1985	7.6	5.8	2.1	11.4	13.1	8.5	7.8	9.3	6.0
	1986	6.4	4.4	2.2	8.8	9.6	7.5	6.0	9.2	6.2
	1987	7.8	5.9	2.4	11.4	12.9	8.6	7.8	7.7	7.4

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS 1975 TO 1987 (continued)

Region	Year	Gross Domestic Product		Agri-culture	Industrial Activity		Construction	Wholesale and Retail Trade	Transport and Communi-cation	Others
		Total	Per Capita		Total	Manu-facturing				
Western Asia	1975-80	3.3	0.4	2.8	0.2	3.5	3.9	0.5	9.7	6.5
	1980-87	(0.8)	(4.0)	3.5	(4.0)	5.1	(3.4)	3.7	3.1	0.9
	1979	3.6	0.6	0.7	4.4	0.0	(1.2)	(1.3)	10.6	5.1
	1980	(1.2)	(4.2)	4.3	(11.6)	1.9	6.1	1.4	(1.4)	4.8
	1981	0.0	(3.1)	5.4	(11.5)	8.3	6.1	20.1	1.0	2.8
	1982	2.3	(1.0)	6.4	(0.6)	7.0	6.5	7.2	3.3	2.8
	1983	(2.0)	(5.2)	(0.8)	(11.2)	8.8	(1.6)	14.7	4.7	3.6
	1984	0.2	(3.1)	2.9	(0.5)	7.2	(2.8)	1.7	5.6	0.7
	1985	(2.7)	(5.8)	5.8	(4.4)	1.4	(9.2)	(3.5)	4.2	0.5
	1986	(3.0)	(6.0)	4.3	(4.2)	1.8	(10.8)	(6.0)	1.6	(3.0)
	1987	1.1	(1.9)	0.9	7.7	(0.3)	(8.2)	(1.8)	(3.1)	(2.3)
Oceania	1975-80	2.2	0.7	1.1	2.3	2.2	1.2	1.0	5.4	3.2
	1980-87	3.4	1.8	4.2	2.8	1.5	1.9	1.7	3.6	3.6
	1979	2.0	0.5	(7.1)	3.0	4.4	0.8	3.3	3.6	3.1
	1980	2.6	1.1	(5.8)	1.8	1.5	6.9	2.2	6.7	4.4
	1981	2.5	0.9	11.3	2.3	3.4	4.6	4.7	3.1	3.4
	1982	(0.8)	(2.3)	(15.3)	(3.6)	(6.9)	(8.9)	(3.9)	(1.4)	2.0
	1983	4.7	3.0	27.1	3.5	1.7	0.0	2.5	3.0	3.8
	1984	5.2	3.6	0.8	7.5	6.2	8.0	5.5	6.1	4.1
	1985	4.2	2.7	1.9	6.0	2.5	6.0	2.4	4.9	4.3
	1986	2.8	1.3	5.7	(0.7)	0.1	(1.1)	(1.5)	3.4	3.4
	1987	3.7	2.2	0.5	2.2	3.9	6.4	1.6	6.5	3.4

Source: 1987 United Nations Statistical Yearbook.

Table 19.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: SNA COUNTRIES BY REGIONS 1975 TO 1987

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
Developed regions, SNA Countries	1975-80	3.4	2.5	3.3	3.6	6.1	5.3
	1980-87	2.7	2.7	2.9	2.8	3.9	4.6
	1979	3.2	2.6	3.4	3.5	6.2	7.7
	1980	1.4	2.2	0.9	-0.6	4.5	-1.0
	1981	1.6	2.0	1.1	-0.7	3.9	-0.5
	1982	-0.2	1.9	1.3	-4.0	-0.7	-0.6
	1983	2.7	2.4	3.1	2.7	2.7	3.2
	1984	4.6	2.9	3.0	6.7	9.1	10.7
	1985	3.3	3.3	3.5	4.6	4.6	4.0
	1986	2.7	3.5	3.9	3.0	1.6	6.5
	1987	3.3	2.3	3.3	5.4	4.9	7.0
Northern America	1975-80	3.5	1.7	3.3	5.4	7.2	6.0
	1980-87	3.2	3.6	3.7	4.4	3.1	8.5
	1979	2.1	1.8	2.2	2.9	7.9	2.9
	1980	0.1	1.4	-0.1	-5.3	9.0	-5.9
	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	3.8	5.0	4.7	7.0	3.6	5.5
	1986	3.0	4.5	4.3	1.3	5.2	9.6
	1987	3.6	2.8	2.8	3.7	12.9	7.1
Europe	1975-80	3.4	2.9	3.1	2.1	5.6	5.4
	1980-87	2.3	1.9	1.9	0.8	3.7	3.4
	1979	3.5	3.2	3.4	3.5	6.1	9.3
	1980	2.0	2.3	1.5	1.8	1.8	1.4
	1981	0.7	2.0	0.2	-4.5	3.8	-3.1
	1982	1.4	1.5	0.8	-2.3	1.0	1.0
	1983	2.3	1.6	1.4	0.2	2.9	1.2
	1984	2.6	1.6	1.3	1.5	7.4	6.1
	1985	2.8	2.1	2.6	2.1	4.7	4.4
	1986	3.0	2.5	3.9	3.4	1.4	5.8
	1987	2.7	2.2	3.4	4.5	3.3	6.7
European Economic Community	1975-80	3.1	2.8	3.2	2.3	5.5	5.6
	1980-87	1.9	1.8	2.0	0.8	3.7	3.5
	1979	3.5	3.1	3.8	3.5	6.2	9.5
	1980	1.2	2.3	1.5	1.7	1.4	1.1
	1981	0.1	2.0	0.3	-5.2	4.0	-3.0
	1982	0.9	1.4	0.8	-2.0	1.2	1.4
	1983	1.6	1.6	1.5	0.2	2.6	1.2
	1984	2.3	1.5	1.4	1.5	7.5	6.1
	1985	2.4	2.0	2.5	2.3	4.6	4.1
	1986	2.5	2.5	3.9	3.4	1.6	5.9
	1987	2.7	2.2	3.6	4.5	3.6	7.4

Table 19.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: SNA COUNTRIES BY REGIONS 1975 TO 1987 (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
Other Europe	1975-80	3.0	3.5	2.4	1.3	6.0	4.2
	1980-87	2.0	2.1	1.4	0.9	3.4	3.0
	1979	4.4	3.8	0.9	3.4	5.4	9.3
	1980	3.3	2.5	1.1	3.0	3.9	3.0
	1981	0.6	2.0	-0.9	-0.4	2.3	-3.9
	1982	0.6	1.6	1.1	-3.9	-0.1	-0.9
	1983	1.8	1.9	0.2	0.7	4.5	1.4
	1984	2.9	1.8	0.2	2.2	6.7	6.1
	1985	3.0	2.7	3.0	1.0	5.3	6.0
	1986	2.5	2.6	3.7	3.3	0.7	5.4
	1987	1.7	2.2	1.6	4.2	1.5	3.0
Developing regions (SNA only)	1975-80	3.7	5.5	1.9	4.3	5.3	4.0
	1980-87	1.3	1.9	2.4	-3.1	-0.3	-2.9
	1979	2.5	-2.6	-5.1	-2.0	10.7	-5.0
	1980	4.8	3.8	3.9	8.5	4.1	13.2
	1981	0.2	6.7	9.9	6.1	-15.1	6.1
	1982	2.5	2.9	4.3	-7.1	-1.2	-11.4
	1983	-0.1	4.6	-1.8	-6.3	-3.9	-12.8
	1984	0.4	-2.2	1.6	-6.2	5.1	4.4
	1985	3.8	1.3	4.9	2.2	4.9	1.5
	1986	1.6	0.8	0.8	-4.6	-0.9	-5.1
	1987	0.3	2.6	0.2	0.5	3.2	4.9
Carib., Latin America	1975-80	5.1	5.0	5.5	5.1	6.0	6.8
	1980-87	1.4	1.9	1.2	-4.1	3.8	-4.3
	1979	6.3	7.0	7.3	4.6	8.2	7.9
	1980	5.2	3.9	5.8	6.8	1.7	10.4
	1981	0.7	3.7	0.3	-2.0	4.6	1.2
	1982	-1.1	0.4	-0.7	-13.0	-0.8	-14.7
	1983	-1.9	0.7	-2.2	-18.9	6.3	-20.1
	1984	3.5	3.1	1.8	-0.4	7.9	4.5
	1985	2.8	0.6	2.7	3.9	2.9	-0.6
	1986	3.7	2.8	5.1	6.5	0.9	5.0
	1987	2.3	3.3	1.5	2.6	4.0	5.1
Eastern, Southeastern and Southern Asia, Ex. Japan	1975-80	6.3	7.7	6.0	10.3	11.1	12.8
	1980-87	7.2	5.9	4.7	3.9	8.5	5.6
	1979	4.2	5.8	3.4	6.0	9.4	14.1
	1980	5.8	8.9	6.8	8.5	11.4	6.7
	1981	5.9	7.5	4.9	7.2	3.8	8.3
	1982	5.4	7.5	3.8	6.1	2.8	3.1
	1983	7.9	3.3	6.5	5.0	9.2	7.7
	1984	8.3	3.7	4.8	1.7	12.6	3.3
	1985	7.6	7.9	3.2	-0.1	1.1	-2.4
	1986	6.4	7.0	4.4	4.4	15.9	11.3
	1987	7.8	6.2	5.2	7.1	16.8	16.6

Table 19.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: SNA COUNTRIES BY REGIONS 1975 TO 1987 (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
Western Asia	1975-80	3.3	5.5	6.7	3.3	-1.3	6.1
	1980-87	-0.8	2.1	3.5	-1.8	-6.0	-0.1
	1979	3.6	5.9	2.5	-5.3	7.4	2.4
	1980	-1.2	1.9	1.3	4.0	-15.7	9.1
	1981	0.0	8.1	5.2	4.0	-12.5	15.9
	1982	2.3	14.6	5.4	7.5	1.2	8.7
	1983	-2.0	-0.1	4.5	7.7	-14.2	-2.4
	1984	0.2	-1.0	2.1	-5.5	-2.8	-2.4
	1985	-2.7	-0.9	2.5	-9.5	-4.5	-6.2
	1986	-3.0	-1.6	3.3	-9.3	-10.5	-3.6
	1987	1.1	1.2	2.2	-2.4	5.4	1.0
Oceania	1975-80	2.2	3.1	2.2	2.1	4.2	3.7
	1980-87	3.4	3.5	2.5	2.3	6.3	3.7
	1979	2.0	1.6	2.0	0.7	7.0	2.7
	1980	2.6	3.8	2.9	8.6	-3.4	5.5
	1981	2.5	0.9	3.9	7.9	1.3	10.5
	1982	-0.8	2.7	1.2	-8.4	0.5	-6.6
	1983	4.7	4.1	2.5	3.0	7.7	4.1
	1984	5.2	5.2	3.5	7.8	12.2	14.0
	1985	4.2	4.3	3.1	4.1	5.4	0.6
	1986	2.8	2.4	1.0	-1.9	7.5	-2.1
	1987	3.7	3.2	3.0	5.4	5.2	9.6

Source: 1987 United Nations Statistical Yearbook.

Table 19.5 – INDEX NUMBERS OF FOOD AND TOTAL AGRICULTURAL PRODUCTION, BY REGION 1978 TO 1987 (1979–81 = 100)

Regions	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
A. FOOD PRODUCTION										
World	98	98	99	102	106	106	111	114	116	115
Developed Market Economies	96	99	99	102	104	97	105	107	106	104
North America	95	99	96	106	106	90	102	109	104	100
Western Europe	95	98	102	100	105	103	109	107	108	109
Oceania	109	105	94	101	94	111	106	107	108	107
Other Developed Market Economies	100	100	98	102	100	96	100	104	105	106
Developing Market Economies	96	96	100	104	106	109	112	116	118	117
Africa	97	97	101	102	105	103	104	112	118	114
Latin America	95	97	99	104	107	106	109	114	113	115
Near East	95	96	100	104	109	107	106	113	118	118
Far East	97	95	100	105	105	114	117	120	121	118
Other Developing Market Economies	94	98	99	103	103	99	109	110	111	110
Centrally Planned Economies	101	100	100	100	107	113	118	119	126	127
Asia	92	98	99	102	110	117	126	128	134	138
Europe and USSR	110	103	100	97	105	108	110	110	119	116
B. TOTAL AGRICULTURAL PRODUCTION										
World	97	98	99	103	106	106	111	114	115	115
Developed Market Economies	96	99	98	103	104	97	105	107	105	104
North America	94	99	95	106	105	88	102	108	102	100
Western Europe	95	98	102	100	105	103	109	107	108	109
Oceania	106	103	96	101	95	109	105	108	109	108
Other Developed Market Economies	100	100	98	102	100	96	100	103	103	104
Developing Market Economies	96	96	100	104	105	108	111	116	117	117
Africa	96	97	101	102	105	103	104	112	118	115
Latin America	95	97	99	104	105	105	108	113	111	115
Near East	96	96	100	103	108	107	106	112	116	117
Far East	97	95	100	105	105	113	117	120	121	118
Other Developing Market Economies	94	98	99	103	101	100	108	109	110	111
Centrally Planned Economies	101	100	100	101	109	113	120	120	126	127
Asia	92	97	99	103	112	119	130	131	134	139
Europe and USSR	110	102	100	98	105	108	109	110	118	115

Prepared on the basis of information available as of 7 February 1989.

Note: The index numbers refer to agricultural production which is defined to include both crop and livestock products, seeds and feeds are excluded. The index numbers of food refer to commodities which are considered edible and contain nutrients. Accordingly, together with inedible commodities, coffee and tea are excluded. For further information see the Production Yearbook published by FAO.

Source: Food and Agriculture Organization of the United Nations (FAO).

Table 19.6 – INDEX NUMBERS OF PER CAPITA FOOD AND TOTAL AGRICULTURAL PRODUCTION, BY REGION 1978 TO 1987 (1979–81 = 100)

Regions	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
A. PER CAPITA FOOD PRODUCTION										
World	101	100	99	101	102	100	104	104	104	102
Developed Market Economies	97	100	98	102	103	95	103	104	101	100
North America	97	100	96	104	104	87	98	103	98	94
Western Europe	96	99	102	99	104	102	108	105	105	105
Oceania	112	106	95	99	91	106	101	100	100	97
Other Developed Market Economies	102	101	98	101	98	92	96	99	99	100
Developing Market Economies	101	98	100	102	101	101	101	103	102	99
Africa	103	101	101	99	99	94	92	96	98	93
Latin America	100	99	99	102	102	99	100	102	99	99
Near East	102	98	100	101	103	98	95	98	99	96
Far East	102	97	100	103	101	107	107	107	106	103
Other Developing Market Economies	100	101	98	101	99	92	99	98	97	93
Centrally Planned Economies	104	102	100	99	105	108	112	113	118	118
Asia	95	99	100	101	107	112	119	121	124	127
Europe and USSR	112	103	100	97	103	105	107	106	113	111
B. PER CAPITA TOTAL AGRICULTURAL PRODUCTION										
World	101	100	99	101	102	100	104	105	104	102
Developed Market Economies	97	100	98	102	103	94	102	104	101	100
North America	96	100	95	105	103	86	98	103	97	94
Western Europe	96	99	102	99	104	102	108	105	105	105
Oceania	109	105	96	100	93	105	101	102	101	99
Other Developed Market Economies	102	101	98	101	98	93	96	97	97	98
Developing Market Economies	101	99	100	102	100	101	101	103	101	99
Africa	102	101	101	99	99	95	92	96	98	93
Latin America	100	99	99	102	100	98	99	101	97	98
Near East	103	99	100	101	102	98	95	98	98	95
Far East	102	98	100	103	100	105	107	107	105	102
Other Developing Market Economies	99	101	99	100	97	93	98	97	95	94
Centrally Planned Economies	103	101	100	99	106	109	114	114	117	118
Asia	95	99	99	102	109	114	123	123	124	128
Europe and USSR	111	103	100	97	103	105	106	106	112	110

Prepared on the basis of information available as of 7 February 1989.

Note: The indexes are calculated as a ratio between the index numbers of food and total agricultural production described in the note to the table 17.6 and the corresponding index numbers to population. For further information see the Production Yearbook published by FAO.

Source: Food and Agriculture Organization of the United Nations (FAO).

Table 19.7 – GROSS DOMESTIC PRODUCT OF SELECTED ASIAN COUNTRIES, 1988 TO 1993 (Change in Percent)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China 1_/	10.8	4.0	5.2	7.0	7.8	7.5
Hong Kong	7.9	2.7	2.8	4.0	5.8	6.0
Republic of Korea	11.5	6.2	9.0	8.3	7.3	7.1
Singapore	11.1	9.2	8.3	7.0	6.1	7.0
Taipei, China	7.3	7.6	4.9	7.3	7.5	7.7
Indonesia	5.7	7.5	7.4	6.4	6.7	7.0
Lao People's Democratic Republic	4.0	13.5	6.6	4.0	7.1	5.9
Malaysia	8.9	8.7	9.8	8.6	8.5	8.0
Philippines	6.3	6.1	2.4	-1.0	2.8	4.3
Thailand	13.2	12.0	10.0	7.5	8.0	8.1
Socialist Republic of Viet Nam	5.7	7.1	4.5	3.8	5.0	4.5
Bangladesh	2.9	2.5	6.6	3.3	4.7	5.2

1_/ GNP growth is computed based on the SNA concept while sectoral growth relates to gross value of output (NMP basis).
2_/ Projections.

Source : Asian Development Outlook 1992, Asian Development Bank.

Table 19.8 – GROSS DOMESTIC INVESTMENT ASIAN COUNTRIES, 1988 TO 1993 (Percent of GDP)

Countries	1988	1989	1990	1991	1992 3_/	1993 3_/
People's Republic of China 1_/	38.4	37.6	35.1	36.5	37.0	36.5
Hong Kong	29.1	27.5	28.5	29.9	30.8	32.3
Republic of Korea	30.6	33.4	37.0	39.3	39.9	40.0
Singapore	36.9	34.5	38.7	38.2	39.9	40.0
Taipei, China	23.3	22.8	22.4	23.0	24.1	24.8
Indonesia	31.5	35.2	36.9	35.0	34.5	35.5
Lao People's Democratic Republic	27.7	14.5	14.5	12.7	14.0	15.1
Malaysia	26.0	28.8	32.3	35.7	36.2	36.0
Philippines	17.3	21.8	22.5	20.0	22.0	22.6
Thailand	28.8	34.5	36.8	35.7	36.0	38.0
Socialist Republic of Viet Nam 2_/	8.9	4.4	6.9	5.8	5.7	5.9
Bangladesh	12.0	12.2	12.1	11.7	12.0	12.0

1_/ Percent of GNP.
2_/ Gross fixed investment in the public sector only.
3_/ Projections.

Source : Asian Development Outlook 1992, Asian Development Bank.

Table 19.9 – GROSS DOMESTIC SAVINGS OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Percent of GDP)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China 1_/	36.3	36.0	37.3	38.9	38.2	37.2
Hong Kong	34.2	35.6	34.0	31.9	33.7	34.9
Republic of Korea	38.3	35.6	35.6	35.3	35.3	35.5
Singapore	41.7	44.1	44.9	45.6	46.3	47.4
Taipei, China	34.4	30.6	27.0	28.0	27.9	27.5
Indonesia	34.0	37.6	39.2	37.0	36.4	36.0
Lao People's Democratic Republic	0.2	1.1	0.8	2.0	3.5	5.1
Malaysia	36.3	33.9	32.3	30.2	29.8	30.0
Philippines	18.1	20.6	18.6	16.6	15.2	14.4
Thailand	29.8	31.1	31.0	33.3	33.8	34.0
Bangladesh	2.5	2.0	2.1	4.3	2.0	3.3

1_/ Percent of GNP.
2_/ Projections.

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.10 – RESOURCE GAP OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Percent of GDP)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China 1_/	–2.1	–1.6	2.2	2.4	1.2	0.7
Hong Kong	5.1	8.1	5.4	2.0	2.9	2.6
Republic of Korea	7.7	2.3	–1.4	–4.0	–4.6	–4.5
Singapore	4.8	9.6	6.3	7.5	6.4	7.4
Taipei, China	11.0	7.8	5.5	5.0	3.8	2.7
Indonesia	2.5	2.5	2.3	2.0	1.9	0.5
Lao People's Democratic Republic	–27.5	–13.4	–13.7	–10.7	–10.5	10.0
Malaysia	10.4	5.0	–0.1	–5.5	–6.4	–6.0
Philippines	0.8	–1.3	–3.9	–3.4	–6.8	–8.2
Thailand	1.0	–0.4	–5.7	–2.4	–2.2	–4.5
Bangladesh	–9.5	–10.3	–0.9	–7.4	–9.1	–8.7

1_/ Percent of GNP.
2_/ Projections.

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.11 – GROSS NATIONAL SAVINGS OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Percent of GDP)

Countries	1988	1989	1990	1991	1992 1_/	1993 1_/
Republic of Korea	36.9	34.8	34.8	34.6	34.7	34.9
Singapore	43.7	44.3	46.8	47.3	47.8	48.9
Taipei, China	36.9	33.0	30.3	30.4	29.4	29.0
Indonesia	29.1	32.8	34.7	32.1	32.2	32.0
Lao People's Democratic Republic	10.8	8.4	7.1	6.4	5.8	7.8
Malaysia	30.8	28.1	28.0	26.2	26.5	26.5
Philippines	17.7	19.4	18.8	17.8	15.6	14.9
Bangladesh	6.0	5.4	5.0	5.5	6.3	6.5

1_/ Projections.

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.12 – INFLATION RATE OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Percent of CPI)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China 1_/	18.5	17.8	2.1	3.0	7.0	6.0
Hong Kong	7.5	10.1	9.8	12.3	10.5	8.5
Republic of Korea	7.1	5.6	8.6	9.7	99.4	8.5
Singapore	1.5	2.4	3.5	3.4	3.0	3.0
Taipei, China	1.3	4.4	4.1	3.5	3.4	3.7
Indonesia	8.0	6.4	7.4	9.2	9.0	8.0
Lao People's Democratic Republic	11.9	75.9	19.6	10.4	9.5	9.0
Malaysia	2.5	2.8	2.6	4.5	5.0	5.0
Philippines	8.8	10.6	12.7	17.7	13.0	9.0
Thailand	3.8	5.4	6.0	5.8	6.0	6.0
Socialist Republic of Viet Nam	310.9	95.8	36.4	78.9	45.0	20.0
Bangladesh	11.4	8.0	9.3	8.8	9.0	9.2

1_/ Percent change in RPI.
2_/ Projections.

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.13 – MERCHANDISE EXPORTS OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Change in Percent)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China	18.2	5.3	19.2	15.0	12.0	10.0
Hong Kong	30.3	15.8	12.3	18.8	1.0	20.0
Republic of Korea	29.0	3.0	2.8	10.1	12.9	13.5
Singapore	38.3	13.8	17.2	12.7	14.0	15.0
Taipei, China	13.2	9.2	1.4	13.0	11.0	12.0
Indonesia	13.4	17.8	16.8	7.3	11.0	12.0
Lao People's Democratic Republic 1_/	...	6.5	18.6	2.0	8.9	14.1
Malaysia	17.4	18.3	17.4	20.3	20.0	21.0
Philippines	23.7	10.6	4.7	9.1	10.0	11.7
Thailand	36.1	25.7	15.0	21.0	15.9	15.0
Socialist Republic of Viet Nam	24.6	80.1	35.0	6.8	22.0	15.0
Bangladesh	18.5	8.0	16.0	12.2	12.7	12.6

1_/ For non-convertible area transactions, the exchange rate of Rubles 2.2 = $1 was used.
2_/ Projections

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.14 – MERCHANDISE IMPORTS OF SELECTED ASIAN COUNTRIES, 1988 TO 1993
(Change in Percent)

Countries	1988	1989	1990	1991	1992 3_/	1993 3_/
People's Republic of China	27.4	5.3	-13.3	18.0	23.0	18.0
Hong Kong	31.8	12.9	14.3	22.0	22.0	20.0
Republic of Korea	24.9	17.9	14.6	17.6	13.0	12.0
Singapore	34.9	13.3	22.1	12.2	13.0	14.0
Taipei, China	40.8	6.9	4.5	14.8	15.4	15.7
Indonesia	10.4	17.9	27.1	16.8	9.0	11.0
Lao People's Democratic Republic 1,2_/	...	12.3	15.4	8.5	22.8	7.7
Malaysia	28.4	35.6	30.2	32.0	25.0	23.0
Philippines	21.1	27.7	17.2	1.5	11.1	11.5
Thailand	48.6	27.4	29.8	13.8	14.3	10.9
Socialist Republic of Viet Nam	16.2	18.3	6.1	20.0	14.0	12.5
Bangladesh	13.6	12.9	11.4	-7.6	5.8	5.8

1_/ For non-convertible area transactions, the exchange rate of Rubles 2.2 = $1 was used.
2_/ CIF.
3_/ Projections.

Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.15 – CURRENT ACCOUNT BALANCE OF SELECTED ASIAN COUNTRIES, 1988 TO 1993 (Percent of GDP)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China 1_/	(0.9)	(1.0)	3.2	3.3	2.1	0.9
Republic of Korea	8.1	2.4	(0.9)	(3.2)	(3.1)	(2.6)
Singapore	5.3	8.8	6.8	9.7	7.5	8.5
Taipei, China	8.3	7.8	6.9	6.8	4.8	3.6
Indonesia	(1.7)	(1.2)	(2.2)	(3.8)	(3.0)	(2.2)
Lao People's Democratic Republic	(16.9)	(6.1)	(7.4)	(6.3)	(8.1)	(7.3)
Malaysia	5.2	(0.6)	(3.0)	(0.4)	(10.2)	(9.1)
Philippines	(1.0)	(3.4)	(6.1)	(5.7)	(4.2)	(3.7)
Thailand	(2.8)	(3.6)	(8.8)	(8.6)	(7.5)	(6.8)
Bangladesh	(1.8)	(1.9)	(2.0)	(1.9)	(1.3)	(1.0)

1_/ Percent of GNP
2_/ Projections
Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.16 – DEBT SERVICE RATIO OF SELECTED ASIAN COUNTRIES, 1988 TO 1993 (In Percent)

Countries	1988	1989	1990	1991	1992 2_/	1993 2_/
People's Republic of China	8.6	9.8	10.3	9.2	9.0	9.0
Republic of Korea	14.8	11.8	10.7	12.0	13.1	13.6
Indonesia 1_/	34.5	35.2	32.7	30.0	28.0	27.0
Lao People's Democratic Republic	20.9	17.4	15.2	15.7	15.0	13.9
Malaysia	22.2	16.0	11.7	10.0	10.0	9.0
Philippines	31.5	25.3	21.2	21.6	18.9	15.7
Thailand	18.8	16.3	17.2	15.1	13.8	12.2
Socialist Republic of Viet Nam	76.7	58.0	60.0	60.0	51.0	48.0
Bangladesh	21.2	19.9	25.4	21.0	21.3	21.4

1_/ Based on Bank Indonesia estimates.
2_/ Projections
Source: Asian Development Outlook 1992, Asian Development Bank.

Table 19.17 – TRADE BALANCE OF SELECTED ASIAN COUNTRIES, 1988 TO 1993 (In billion US$)

Countries	1988	1989	1990	1991	1992 3_/	1993 3_/
People's Republic of China	(5.3)	(5.6)	(9.2)	(9.3)	(4.9)	0.5
Hong Kong	(0.7)	1.0	(0.3)	(3.1)	(6.7)	(8.0)
Republic of Korea	11.4	4.6	(2.0)	(7.1)	(8.1)	(7.8)
Singapore	(2.3)	(2.5)	(5.1)	(5.5)	(5.6)	(5.8)
Taipei, China	13.8	16.2	(14.0)	(15.7)	14.8	14.0
Indonesia	5.7	6.7	(6.1)	(4.6)	5.6	6.5
Lao People's Democratic Republic	(101.0)	(113.1)	(128.9)	(144.0)	(186.0)	(195.8)
Malaysia	5.5	3.9	1.0	(0.8)	(2.8)	(4.3)
Philippines	(1.1)	(2.6)	(4.0)	(3.5)	(3.9)	(4.4)
Thailand	(2.1)	(2.9)	(6.7)	(6.0)	(6.4)	(5.8)
Socialist Republic of Viet Nam	(1.5)	(0.4)	0.0	(0.2)	(0.1)	(0.1)
Bangladesh	(1.5)	(1.8)	(1.9)	(1.5)	(1.4)	(1.4)

1_/ Projections
Source: Asian Development Outlook 1992, Asian Development Bank.

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- Energy and Water Resources
- Public Finance
- Money and Banking
- Public Order, Safety and Justice
- Science and Technology
- International Statistics