

**PHILIPPINE  
STATISTICAL  
YEARBOOK  
1987**

Republic of the Philippines

National Economic and Development Authority



MAP  
OF THE  
**PHILIPPINES**  
1987

LEGEND

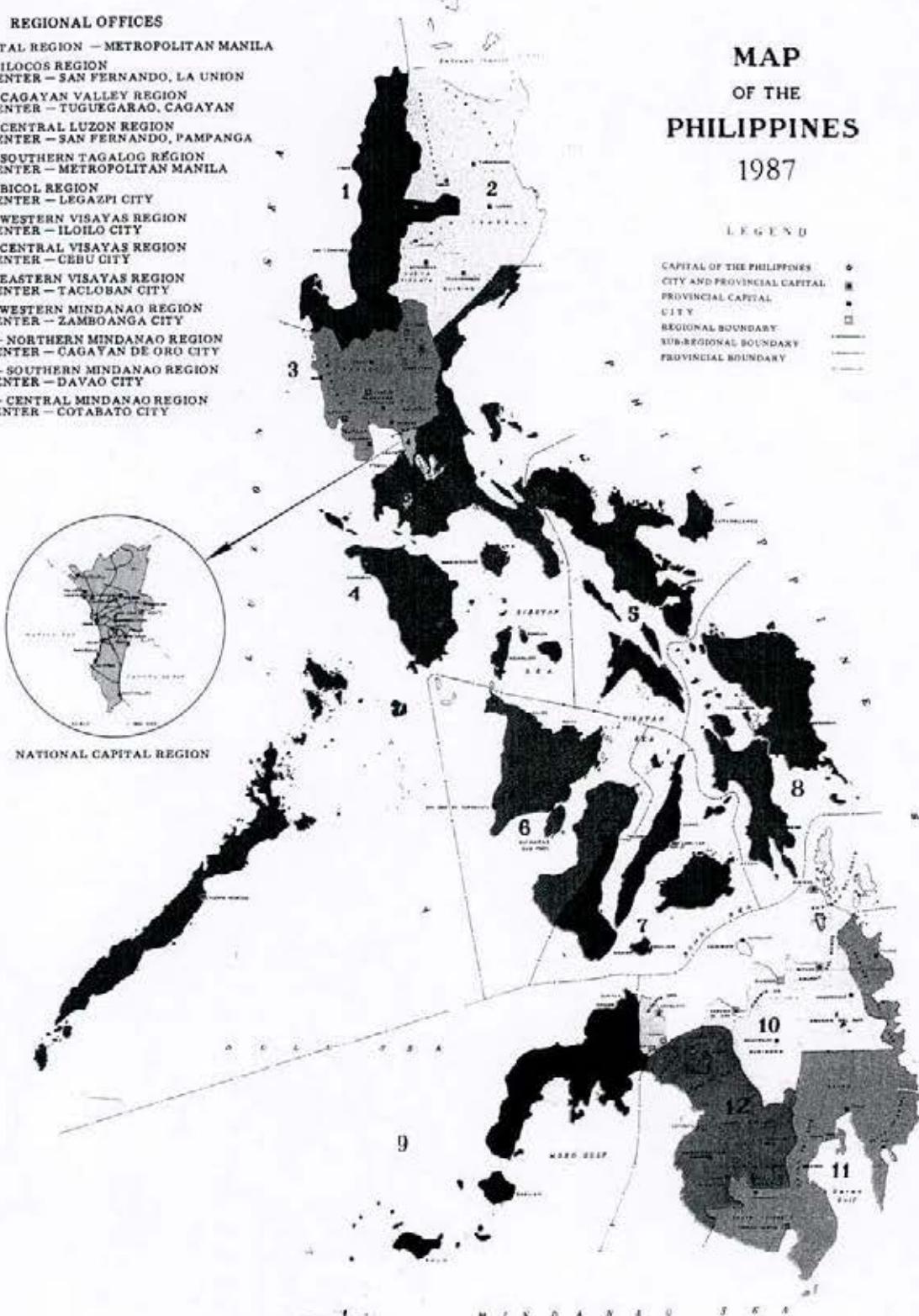
- CAPITAL OF THE PHILIPPINES
- CITY AND PROVINCIAL CAPITAL
- PROVINCIAL CAPITAL
- CITY
- REGIONAL BOUNDARY
- SUB-REGIONAL BOUNDARY
- PROVINCIAL BOUNDARY

REGIONAL OFFICES

- NATIONAL CAPITAL REGION — METROPOLITAN MANILA
- REGION NO. 1 — ILOCOS REGION  
REGIONAL CENTER — SAN FERNANDO, LA UNION
- REGION NO. 2 — CAGAYAN VALLEY REGION  
REGIONAL CENTER — TUGUEGARAO, CAGAYAN
- REGION NO. 3 — CENTRAL LUZON REGION  
REGIONAL CENTER — SAN FERNANDO, PAMPANGA
- REGION NO. 4 — SOUTHERN TAGALOG REGION  
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- REGION NO. 5 — BICOL REGION  
REGIONAL CENTER — LEGAZPI CITY
- REGION NO. 6 — WESTERN VISAYAS REGION  
REGIONAL CENTER — ILOILO CITY
- REGION NO. 7 — CENTRAL VISAYAS REGION  
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- REGION NO. 11 — SOUTHERN MINDANAO REGION  
REGIONAL CENTER — DAVAO CITY
- REGION NO. 12 — CENTRAL MINDANAO REGION  
REGIONAL CENTER — COTABATO CITY

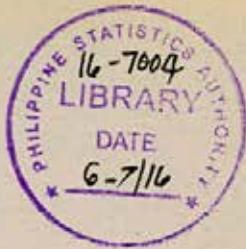


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# PHILIPPINE STATISTICAL YEARBOOK **1987**



Republic of the Philippines  
National Economic and Development Authority  
Manila



Republic of the Philippines  
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY

## FOREWORD

The Philippine Statistical Yearbook is a compilation of statistical information produced by various government agencies as well as data from international organizations. Data in this 1987 edition of the Yearbook, the fourteenth in the series, have been updated to include the more recent statistics. Included are data on national level as well as regional breakdown for some data.

The tables presented here are grouped according to sectors as indicated in each chapter. The sectoral classifications have been set up to adhere as closely as possible to the sectoral groupings of the Philippine Development Plan. Efforts are continually exerted so that the data in this publication are relevant and useful. The data are also reviewed regularly for consistency to ensure the quality of the statistics.

With this publication, we are in part fulfilling our mandate of providing information to decision agents, researchers, and the public in general so that they may be guided in the plans and programs that they may intend to take for the betterment and welfare of many. This compilation is also intended to present the official data that are available from the Philippine Statistical System and in the process point to the gaps and limitations that have yet to be addressed by data producers and users alike in the system.

We take this opportunity to thank all the source agencies of the data in this publication for their cooperation in this endeavor.

*S. Monsod*  
SOLITA COLLÁS-MONSON  
Director-General

August 1987

Republic of the Philippines  
NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY

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## **STANDARD SYMBOLS USED**

The following standard symbols are used in the publication:

Symbols	Meaning
1. CY	Calendar Year (Jan. 1 - Dec. 31)
2. SY	School Year
3. FY	Fiscal Year (July 1 - June 30)
4. n.e.s.	Not elsewhere stated
5. n.e.c.	Not elsewhere classified
6. p	Preliminary
7. r	Revised
8. ...	Data not available
9. *(asterisk)	Less than half the unit employed
10. -(dash)	Nil or zero
11. ..	Not applicable

## **Summary of Major Statistical Series**

## SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
<b>Part 1. General Statistics</b>					
<b>Chapter 1. Population and Housing Statistics</b>					
1. Population (1,000 persons)	May 1, 1980	48,098	May 1, 1975	42,071	14.3
2. Sex distribution					
Both sexes (1,000 persons)	May 1, 1980	48,098	May 1, 1975	42,071	14.3
Male (percent)		50.2		50.6	
Female (percent)		49.8		49.4	
3. Regional distribution					
Philippines (1,000 persons)	May 1, 1980	48,098	May 1, 1975	42,071	14.3
Metropolitan Manila Area (National Capital Region)		5,926		4,970	19.2
Region 1		3,541		3,269	8.3
Region 2		2,215		1,933	14.6
Region 3		4,803		4,210	14.1
Region 4		6,119		5,214	17.4
Region 5		3,477		3,194	8.9
Region 6		4,526		4,146	9.2
Region 7		3,787		3,387	11.8
Region 8		2,799		2,600	7.7
Region 9		2,528		2,048	23.4
Region 10		1,759		2,314	19.2
Region 11		3,347		2,715	23.3
Region 12		2,271		2,070	9.7
4. Total City population (1,000 persons)	May 1, 1980	10,181	May 1, 1975	8,725	16.7
Ten most populous cities		5,730		4,866	17.8
Manila		1,630		1,479	10.2
Quezon		1,166		957	21.8
Davao		610		485	25.8
Cebu		490		413	18.6
Caloocan		468		397	17.9
Zamboanga		344		265	29.8
Pasay		288		255	12.9
Bacolod		262		223	17.5
Iloilo		245		227	7.9
Cagayan de Oro		227		165	37.6

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

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
<b>Chapter 2. Income and Prices</b>					
<b>1. Average family income (pesos)</b>					
Philippines	1985	31,052	1971	3,736	731.2
Urban		46,127		5,867	686.2
Metropolitan Manila Area		57,193		7,785	634.7
Rural		21,875		2,818	676.3
<b>2. Consumer price index for all items (1978=100)</b>					
	June 1987		June 1986		
Philippines		367.5		351.4	4.6
Metropolitan Manila Area (National Capital Region)		394.5		365.6	7.9
Areas Outside Metropolitan Manila		362.3		348.6	3.9
Region 1		349.2		343.2	1.7
Region 2		346.7		335.4	3.4
Region 3		388.4		368.6	5.4
Region 4		347.2		334.9	3.7
Region 5		359.6		340.6	5.6
Region 6		377.0		372.4	1.2
Region 7		367.7		352.9	4.2
Region 8		343.6		327.7	4.9
Region 9		345.9		327.0	5.8
Region 10		369.9		350.7	5.5
Region 11		364.2		349.5	4.2
Region 12		368.0		355.2	3.6
<b>Chapter 3. Economic Accounts</b>					
<b>1. Gross national product (million pesos)</b>					
	1986		1985		
At current prices		614,291		594,518	3.3
At 1972 prices		89,094		87,766	1.5

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
2. Gross domestic product by industrial origin (million pesos at 1972 prices)	1986	90,770	1985	89,803	1.1
Agriculture, fishery and forestry		27,233		26,252	3.7
Mining and quarrying		1,558		1,768	(11.9)
Manufacturing		21,717		21,541	0.8
Construction		3,382		4,258	(20.6)
Electricity, gas, and water		1,547		1,433	8.0
Transport, communication and storage		5,084		4,953	2.6
Commerce		14,337		14,066	1.9
Finance and Housing		4,062		3,985	1.9
Services		11,850		11,547	2.6
3. Expenditures on gross domestic product at 1972 prices (million pesos)	1986	90,770	1985	89,803	1.1
Personal consumption expenditures		66,597		65,977	0.9
General government expenditures		8,551		8,205	4.2
Gross domestic capital formation		10,205		11,124	(8.3)
Construction		5,505		7,114	(22.6)
Durable equipment		4,576		4,712	(2.9)
Increase in stocks		124		(702)	117.7
Exports		23,560		19,351	21.8
(Less) imports		17,555		13,995	25.4
4. Per capita national income (pesos)	1986		1985		
At current prices		8,754		8,750	0.0
At 1972 prices		1,271		1,277	(0.5)
5. Per capita private (personal) consumption expenditure (pesos)	1986		1985		
At current prices		8,481		8,581	(1.2)
At 1972 prices		1,189		1,207	(1.5)

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

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
<b>Part 11. Economic Statistics</b>					
<b>Chapter 4. Natural Resources</b>					
1. Classified land area (1,000 hectares)	1986		1985		
Alienable and disposable		13,852,398		14,659,760	(5.5)
Timberland		14,961,027		14,020,446	6.7
2. Fish production (1,000 m.t.)	1985	2,052.1	1984	2,080.4	(1.4)
Commercial fishing		512.0		513.3	(0.3)
Aquaculture		494.7		477.9	3.5
Municipal fishing and sustenance fishing		1,045.4		1,089.2	(4.0)
3. Value of fishing production (million pesos)	1985	31,897.3	1984	25,649.9	24.4
Commercial fishing		7,857.2		6,521.2	20.5
Aquaculture		8,724.4		7,265.9	20.1
Municipal fishing and sustenance fishing		14,715.7		11,862.8	24.1
4. Production of logs, lumber, plywood and veneer (1,000 m <sup>3</sup> )	1986		1985		
Logs		3,434		3,568	(3.8)
Lumber		977		1,062	(8.0)
Plywood		424		350	21.1
Veneer		73		77	(5.2)
<b>Chapter 5. Agriculture</b>					
1. Production of agricultural crop (1,000 m.t.)	Crop year 1986	28,529.8	Crop year 1985	27,093.2	5.3
Food crops		22,921.4		21,092.0	8.7
Palay		9,097.1		8,200.1	10.9
Corn		3,922.0		3,438.8	14.1
Rootcrops		2,668.5		2,453.2	8.8
Fruits and vegetables		6,874.1		6,646.4	3.4
Other food crops		359.7		353.2	1.8

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

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Commercial Crops		5,706.4		6,001.2	(4.9)
Coconut		3,162.4		2,964.8	6.7
Sugarcane		2,135.3		2,747.6	(22.3)
Abaca and other crops		198.7		194.6	2.1
Tobacco		56.0		47.0	19.1
Rubber		154.0		146.2	5.3
2. Value of production of agricultural crops (million ₱)	Crop year 1986	77,862.3	Crop year 1985	81,545.6	(4.5)
Food crops		63,710.4		57,395.1	11.0
Palay		27,983.1		24,969.5	12.1
Corn		9,842.1		9,542.6	3.1
Rootcrops		3,915.9		3,430.0	14.2
Fruits and vegetables		20,692.1		18,240.7	13.4
Other food crops		1,277.2		1,212.3	5.4
Commercial crops	Crop year 1986	14,151.8	Crop year 1985	24,150.5	(41.4)
Coconut		4,496.1		12,628.7	(64.4)
Sugarcane		7,662.9		9,278.0	(17.4)
Abaca and other crops		731.2		744.0	(1.7)
Tobacco		762.5		713.7	6.8
Rubber		499.1		786.2	(36.5)
3. Number of registered Samahang Nayon	1986	17,115	1985	17,115	0.0
4. Membership of registered Samahang Nayon	1986	727,029	1985	727,029	0.0
<b>Chapter 6. Establishment Characteristics; Industrial Sectors</b>					
1. Number of newly registered corporations and partnerships	1986		1985		
Corporations		5,003		4,269	17.2
Partnerships		999		1,022	(2.3)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
2. Capital increases & withdrawals of corporations & partnerships (million pesos)	1986		1985		
Increases		3,024.8		4,461.5	(32.2)
Withdrawals		598.8		2,354.2	(74.6)
Net effect		2,426.0		2,107.3	15.1
3. Amount of investments approved under P.D. 1989 and P.D. 218 (million pesos)	1986	3,146.3	1985	4,700.6	(33.1)
Local		1,552.5		2,251.0	(31.0)
Foreign		1,593.8		2,449.6	(34.9)
4. Value of manufacturing output (million pesos)	1984	220,119	1983	163,957	34.3
Food		53,073		36,394	45.8
Beverages		14,315		7,571	89.1
Tobacco		10,616		7,289	45.6
Textiles		10,472		8,492	23.3
Footwear & wearing apparel		5,067		4,236	19.6
Wood and cork		5,623		5,467	2.9
Furniture and fixtures		1,158		848	36.6
Paper		6,004		3,998	50.2
Printing		2,086		1,719	21.3
Leather		214		207	3.4
Rubber		2,883		2,187	31.8
Chemicals		20,785		16,117	29.0
Petroleum and coal		39,745		31,683	25.4
Non-metallic mineral products		1,524		1,178	29.4
Basic metal		16,901		10,480	61.3
Metal products		4,541		2,929	55.0
Machinery except electrical		1,443		1,066	35.4
Electrical machinery		11,394		8,506	33.0
Transport equipment		3,014		6,123	(50.8)
Miscellaneous		907		619	46.5
5. Value of mining production (million pesos)	1985		1984		
Precious metal		6,274.1		4,971.7	26.2
Base metals		7,783.7		5,808.4	34.0
Non-metallics		2,970.0		2,663.4	11.5
Other minerals		3,949.1		4,078.9	(3.2)

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

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
6. Value of private building construction (million pesos)	1985	8,285	1984	8,217	0.8
Metropolitan Manila Area (National Capital Region)		5,205		4,832	7.7
Rest of the Regions		3,080		3,385	(9.1)
Residential buildings		3,101		4,154	(25.4)
Metropolitan Manila Area (National Capital Region)		1,423		2,194	(35.1)
Rest of the Regions		1,678		1,960	(14.4)
Non-residential buildings		4,574		3,393	34.8
Metropolitan Manila Area (National Capital Region)		3,419		2,210	54.7
Rest of the Regions		1,155		1,183	(2.4)
Additions/alterations		611		670	(8.8)
Metropolitan Manila Area (National Capital Region)		363		427	(15.0)
Rest of the Regions		248		243	2.1
<b>Chapter 7. Foreign Trade, Balance of Payments</b>					
1. Direction of external trade (million dollars)	1986		1985		
Exports		4,841.8		4,629.0	4.6
Imports		5,043.6		5,110.7	(1.3)
Balance of trade (all countries)		(201.8)		(481.7)	41.9
2. Total exports (Million pesos)	1986	4,841.8	1985	4,629.0	4.6
Ten principal exports		1,067.6		1,124.6	5.1
Copra		17.6		-	-
Sugar		86.8		168.7	(48.2)
Banana		130.2		113.5	14.7
Logs and lumber		129.7		129.7	0.0
Desiccated coconut		44.3		75.7	(41.5)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Coconut oil		332.8		347.4	(4.2)
Pineapples, canned		83.5		88.8	(6.0)
Gold		139.9		100.0	39.9
Abaca (unmanufactured)		12.9		16.5	21.8
Copper concentrates		89.9		84.5	6.4
3. Imports by end use (million \$)	1986	5,043.6	1985	5,110.7	(1.3)
Consumer goods		1,644.1		1,584.8	3.7
Capital goods		863.9		787.6	9.7
Raw materials and intermediate goods		2,535.6		2,738.3	(7.4)
4. Exports of non-traditional manufactures (million dollars)	1986	2,684.9	1985	2,564.5	4.7
5. Balance of payments (million \$)	1986	1,247	1985	2,389	(47.8)
Chapter 8. Tourism					
1. Number of visitor arrivals	1986	781,517	1985	773,074	1.1
2. Total tourist receipts (thousand dollars)	1986	647,060	1985	507,000	27.6
Part III. Social Statistics					
Chapter 9. Vital, Health and Nutrition Statistics					
1. Crude birth and death rates (per 1,000 population)	1984		1983		
Birth rate		27.7		28.9	(4.2)
Death rate		-		6.3	-
2. Number of registered marriages	1984	380,171	1983	351,663	8.10
3. Daily per capita available food supply (grams/day)	1985		1984		
Cereals and cereal products		352.8		351.5	0.4
Roots and tubers		59.7		61.6	(3.1)
Sugar and syrup		66.9		50.3	33.0
Pulses and nuts		13.5		9.5	42.1
Vegetables		121.4		119.7	1.4

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Fruits		140.9		140.9	0.0
Meat products		67.3		78.0	(13.7)
Milk and milk products		37.2		30.4	22.4
Eggs		11.4		13.2	(13.6)
Fish and other marine products		130.2		137.9	(5.6)
Fats and oil		8.3		7.7	7.8
Miscellaneous food		260.3		210.2	23.8
4. Calorie and nutrient values of available food supply (daily per capita)	1985		1984		
Calorie (number)		2,214		2,150	3.0
Protein (grams)		60		61	(1.6)
Fats (grams)		29		31	(6.4)
5. Bed capacity of government and private hospitals	1986		1985		
Government		48,906		43,395	12.7
Private		40,265		41,613	(3.2)
6. Number of hospitals	1986		1985		
Government		617		624	(1.1)
Private		1,229		1,190	3.3
<b>Chapter 10. Education</b>					
1. Number of government and private schools	SY 1985-86		SY 1984-85		
Pre-School		2,254		2,310	(2.4)
Government		1,257		1,431	(12.2)
Private		997		879	13.4
Elementary		33,156		32,791	1.1
Government		31,817		31,570	0.8
Private		1,339		1,221	9.7
Secondary		5,375		5,388	(0.2)
Government		3,357		3,383	(0.8)
Private		2,018		2,005	0.6
Tertiary		1,078		1,178	(8.5)
Government		293		360	(18.6)
Private		785		818	(4.0)

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)



Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
2. Enrolment in government and private schools (in thousand)	SY 1985-86		SY 1984-85		
Elementary		8,896.9		8,793.7	1.2
Government		8,392.1		8,269.8	1.5
Private		504.8		523.9	(3.6)
Secondary		3,269.4		3,323.0	(1.6)
Government		1,949.5		1,957.4	(0.4)
Private		1,319.9		1,365.6	(3.3)
<b>Chapter 11. Labor and Employment</b>					
1. Total labor force (1,000 persons)	1986	22,067	1985	21,318	3.5
Employed		20,595		19,801	4.0
Unemployed		1,472		1,517	(3.0)
2. Labor force participation rate (percent)					
Philippines	1986	63.8	1985	63.4	0.6
3. Filipino workers sent overseas during the year by major occupation group	1986	357,687	1985	337,754	5.9
Professional, technical and related workers		87,569		75,959	15.3
Managerial, executive, adminis- trative workers		1,317		1,202	9.6
Clerical workers		15,261		15,141	0.8
Sales workers		3,562		2,780	28.1
Service workers		117,127		91,381	28.2
Agricultural, animal husbandry, forestry workers and fishermen		1,557		1,217	27.9
Production process workers, transport equipment operators and laborers		131,294		150,074	(12.5)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
<b>Chapter 12. Social Services</b>					
1. Benefits paid by the Government Service Insurance System (million pesos)	1986	1,931.3	1985	1,731.9	11.5
2. Benefits paid by the Social Security System (million pesos)	1986	1,470.3	1985	1,199.3	22.6
<b>Part IV. Infrastructure Statistics</b>					
<b>Chapter 13. Transportation and Communication</b>					
1. Rail transport	1986		1985		
Passengers (1,000 persons)		9,096.0		7,490.4	21.4
Freight tonnes (1,000 mt)		64.0		53.0	20.8
Express tonnes (1,000 mt)		21.5		19.4	10.8
2. Flights and passengers carried by international carriers	1986		1985		
Passengers carried, total		3,213,675		3,172,764	1.3
Arrivals		1,538,394		1,521,767	1.1
Departures		1,675,281		1,650,997	1.5
Flights, total		19,283		19,328	(0.2)
3. Total number of newly-registered motor vehicles	1986		1985		
Cars		7,571		8,589	(11.8)
Utility vehicles		13,826		11,669	18.5
Trucks		3,413		3,220	6.0
Buses		309		277	11.6
Trailers		764		850	(10.1)
Motorcycles		34,750		16,965	104.8
4. Total Kilometers of road	1986	162,325.14	1985	161,879.89	0.3
National		26,229.68		26,203.81	0.1
Local		136,095.46		135,676.08	0.3

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
5. Number of Bridges	1986	11,740	1985	19,738	(40.5)
National government		7,379		9,308	(20.7)
Local government		4,361		10,430	(58.2)
6. Length of bridges (linear meters)	1986	308,890.91	1985	427,977.83	(27.8)
National government		230,226.35		225,640.73	2.0
Local government		78,664.56		202,337.10	(61.1)
7. Coastwise shipping movement at 26 major ports	1986		1985		
Number of vessels entered		68,442		69,639	(1.7)
Number of vessels cleared		68,275		68,400	(0.2)
8. International shipping movements at Port of Manila	1986		1985		
Number of vessels entered		1,993		1,882	5.9
Number of vessels cleared		1,977		1,870	5.7
9. Number of licensed radio stations	1986	56,113	1985	52,695	6.5
10. Volume of mail handled (1,000 pieces)	1986	777,872	1985	749,544	3.8
Received from Foreign Countries		194,992		198,349	(1.7)
Dispatched to Foreign Countries		101,353		73,201	38.5
Delivered in the Philippines		481,527		477,993	0.7
<b>Chapter 14. Energy and Water Resources</b>					
1. Electric Energy (million kWh)	March 1987		March 1986		
Production		1,569.4		1,453.4	8.0
Consumption		1,336.9		1,177.2	13.6

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
<b>Part V. Financial Statistics</b>					
Chapter 15. Public Finance					
1. Holdings on government securities (million P) by holders	3rd Qtr 1986	127,522	3rd Qtr 1985	98,077	30.0
In percent		100.0		100.0	
Central Bank		8.6		11.7	
Commercial and other banks		17.4		23.7	
Trust funds		7.1		7.1	
Semi-government entities		12.7		13.7	
Private sector		53.4		42.8	
Foreign holders		0.8		1.0	
2. National government expenditures (million pesos)	1986	91,372	1985	74,958	21.9
In percent		100.0		100.0	
Economic services		19.7		24.8	
Social services		24.1		20.5	
National defense		8.8		10.9	
General public service		16.8		18.8	
Multisectoral		30.6		25.0	
3. Internal debt outstanding by level of government (million P)	1986	144,754.0	1985	118,663.3	22.0
National government		105,295.0		78,343.1	34.4
Local government		178.6		188.3	(5.2)
Government corporations		14,881.1		14,003.8	6.3
Monetary institutions		24,399.3		26,128.1	(6.6)
4. Internal debt outstanding by period of maturity (million P)	1986	144,754.0	1985	118,663.3	22.0
Long term		27,969.5		16,118.5	73.5
Medium term		17,005.5		30,597.0	(44.4)
Short term		99,779.0		71,946.9	38.7
5. External debt outstanding (disbursement basis) by maturity (million pesos)	1985	19,803.3	1984	19,909.6	(0.5)
Public sector		13,117.3		13,206.2	(0.7)
Private sector		6,686.0		6,703.4	(0.3)

## SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
6. Total fixed term credit (disbursement basis) by maturity (million pesos)	1985	16,910.2	1984	15,871.7	6.5
In percent		100.0		100.0	
Short term		0.8		0.9	
Medium term		8.6		7.9	
Long term		90.8		91.2	
Chaptr 16. Money and Banking					
1. Money supply (million pesos)	April 1987	42,642.2	April 1987	36,423.0	17.1
2. Net foreign assets (million P)	April 1987	(117,177.2)	April 1987	(133,019.4)	11.9
3. Net domestic credits (million P)	April 1987	103,853.1	April 1987	160,238.7	(35.2)
4. Non-Money supply deposits (million pesos)	April 1987	96,038.7	April 1987	92,580.1	3.7
5. Net other accounts (million P)	April 1987	(151,598.8)	April 1987	(101,783.8)	(48.9)
6. Loans and investment outstanding (million pesos)	1986	187,043.1	1985	215,453.3	(13.2)
In percent		100.0		100.0	
Commercial banks		86.3		75.3	
Rural banks		3.9		3.3	
Development banks		6.7		19.2	
Savings banks		3.1		2.2	
7. Total assets and liabilities of Central Bank (million pesos)	1986		1985		
Total assets		313,892.0		251,611.9	24.8
Total liabilities		313,215.0		250,970.6	24.8
8. Total assets and liabilities of commercial banks (million pesos)	1986		1985		
Total assets		248,542.3		283,347.1	(12.3)
Total liabilities		220,306.4		261,770.3	(15.8)
9. Total assets and liabilities of development banks (million pesos)	1986		1985		
Total assets		17,789.1		79,035.6	(77.5)
Total liabilities		11,873.2		71,605.5	(83.4)

# CHAPTER 1

## POPULATION AND HOUSING

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# **CHAPTER 1**

## **POPULATION AND HOUSING**

Chapter 1 presents 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 Census and Statistics Office (NCSO) on a more or less decennial basis until 1970. Five years after the conduct of the 1970 Census of Population and Housing, the first quinquennial census was undertaken.

The most recent inventory of the population and housing accommodations was conducted in 1980. National summary results of the 1980 census by region and by province are presented in this chapter. Also included are tables on the population 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 1990 under three assumptions: high, medium and low. The estimates were based on the revised population projections prepared by the NCSO 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.

Also included are migration statistics showing the number of registered aliens by nationality for the period 1962 to 1985.

Table 1.1 - POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
	48,097	42,070	36,681	27,085	19,254	16,003	10,314
Philippines	48,097	42,070	36,681	27,085	19,254	16,003	10,314
Metropolitan Manila Area (National Capital Region)	5,926	4,970	3,967	2,462	1,569	993	460
Manila	1,630	1,479	1,331	1,139	984	623	285
Caloocan City	468	397	275	145	55	39	19
Pasay City	288	255	206	133	89	55	19
Quezon City	1,166	957	754	398	111	39	0
Las Piñas	136	82	46	16	9	7	3
Makati	373	334	265	115	41	34	13
Malabon	191	175	142	76	46	33	22
Mandaluyong	205	182	149	72	26	18	6
Marikina	212	168	113	40	24	15	9
Muntinlupa	137	95	65	22	19	9	5
Navotas	126	97	83	49	29	21	13
Parañaque	209	159	97	62	29	21	22
Pasig	269	210	157	62	35	28	17
Pateros	40	33	26	13	8	7	4
San Juan	130	122	105	57	32	19	6
Taguig	134	74	55	22	15	12	8
Valenzuela	212	151	98	41	17	13	9
Region 1	3,541	3,269	2,991	2,427	1,943	1,729	1,376
Abra	160	147	146	115	87	88	73
Benguet	355	302	264	184	110	122	44
Ilocos Norte	391	372	343	287	251	238	219
Ilocos Sur	444	420	385	338	276	272	247
La Union	452	415	374	293	237	208	178
Mt. Province	103	94	93	86	62	59	49
Pangasinan	1,636	1,520	1,386	1,124	920	742	566

## BY REGION AND PROVINCE: CENSUS YEARS 1918 to 1980

Land area (km <sup>2</sup> )	Density (persons/km <sup>2</sup> )						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
300,000	160.3	140.2	122.3	90.3	64.1	53.3	34.4
=====	=====	=====	=====	=====	=====	=====	=====
636.0	9,317.4	7,814.5	6,236.9	3,871.8	2,467.0	1,561.3	723.3
38.3	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5	16,279.2	7,449.2
55.8	8,383.8	7,118.3	4,918.5	2,607.9	980.8	695.7	350.4
13.9	20,702.9	18,345.2	14,840.5	9,544.8	6,383.3	3,968.4	1,345.1
166.2	7,014.8	5,757.3	4,539.4	2,394.6	668.9	234.7	0.0
41.5	3,289.5	1,966.5	1,102.0	387.8	223.6	164.4	69.2
29.9	12,462.6	11,185.5	8,860.1	3,830.8	1,382.4	1,121.4	421.8
23.4	8,162.4	7,473.4	6,047.6	3,266.6	1,985.3	1,422.4	927.1
26.0	7,898.7	7,010.3	5,746.4	2,754.6	1,011.9	700.0	223.3
38.9	5,439.9	4,330.4	2,915.2	1,040.0	600.3	389.9	245.3
46.7	2,926.7	2,024.9	1,393.1	468.8	394.9	198.9	100.9
2.6	48,517.7	37,345.4	32,017.3	18,946.9	11,111.2	8,023.5	5,174.6
38.3	5,445.2	4,150.7	2,538.2	1,616.1	754.2	551.6	577.6
13.0	20,659.2	16,147.3	12,037.8	4,779.2	2,723.6	2,118.5	1,289.8
10.4	3,873.8	2,155.9	2,448.8	1,266.6	805.8	688.5	395.5
10.4	12,508.5	11,778.0	10,053.8	5,467.4	3,028.2	1,814.4	593.5
33.7	3,980.3	2,187.0	1,693.7	648.5	455.2	358.7	249.9
47.0	4,518.4	3,204.4	2,094.8	882.4	356.2	286.6	198.4
21,568.4	164.2	151.6	138.7	112.6	90.1	80.1	63.8
3,975.5	40.3	37.0	36.6	29.0	21.8	22.1	18.4
2,655.4	113.6	113.8	99.3	69.2	41.4	45.9	16.5
3,399.3	114.9	109.4	101.0	84.5	74.0	70.0	64.4
2,579.6	172.0	162.7	149.3	131.1	107.1	105.4	95.8
1,493.1	303.1	277.7	250.3	196.5	159.0	139.3	119.2
2,097.3	49.1	44.9	44.4	40.9	29.6	28.1	23.4
5,368.2	304.8	283.2	258.2	209.4	171.5	138.2	105.4

Table 1.1 - POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
	2,215	1,933	1,691	1,202	795	714	449
Region 2							
Batanes	12	12	11	10	11	9	8
Cagayan	711	644	581	445	331	292	191
Ifugao	111	105	93	77	50	68	64
Isabela	871	730	648	442	264	220	113
Kalinga-Apayao	185	163	136	90	56	47	37
Nueva Vizcaya <sup>1</sup>	325	279	222	138	83	78	36
Region 3	4,802	4,210	3,615	2,524	1,838	1,569	1,039
Bataan	323	263	216	145	93	86	58
Bulacan <sup>2</sup>	1,096	900	738	514	394	320	240
Nueva Ecija	1,069	948	851	608	468	417	227
Pampanga	1,182	1,042	907	617	417	375	258
Tarlac	688	641	560	427	327	264	172
Zambales	444	416	343	213	139	107	84
Region 4	6,119	5,214	4,456	3,081	2,085	1,815	1,232
Batangas	1,174	1,032	926	681	510	442	340
Cavite	771	628	520	378	263	239	157
Laguna	973	804	700	472	321	280	196
Marinduque	174	163	144	115	86	82	57
Occidental Mindoro	223	186	144	84	43	39	28
Oriental Mindoro	447	389	328	229	125	93	44
Palawan <sup>3</sup>	372	300	237	163	106	94	69
Quezon <sup>3</sup>	1,236	1,116	983	653	417	359	212
Rizal <sup>4</sup>	556	414	307	174	105	88	64
Romblon	193	182	167	132	109	99	65

## BY REGION AND PROVINCE: CENSUS YEARS 1918 to 1980 (continued)

Land area (km <sup>2</sup> )	Density (persons/km <sup>2</sup> )						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
36,403.1	60.9	53.1	46.5	33.0	21.3	19.6	12.3
209.3	57.8	56.7	54.5	49.3	51.1	43.0	38.2
9,002.7	79.0	71.5	64.6	49.5	34.6	32.4	21.2
2,517.8	44.2	41.6	36.7	30.5	19.8	27.0	25.5
10,664.6	81.6	68.5	60.8	41.5	24.8	20.6	10.6
7,047.6	26.3	23.2	19.3	12.7	8.0	6.7	5.3
6,961.1	46.7	40.1	31.9	19.8	11.9	11.2	5.2
18,230.8	263.4	230.9	198.3	138.5	100.8	86.1	57.0
1,373.0	235.4	191.7	157.5	105.8	67.7	62.6	42.2
2,625.0	417.5	342.7	281.1	195.9	150.1	121.9	91.4
5,284.3	202.4	179.4	161.1	115.1	88.6	78.9	43.0
2,180.7	541.8	477.9	416.0	283.1	191.2	172.0	118.3
3,053.4	225.5	209.9	183.3	139.7	107.1	86.5	56.3
3,714.4	119.5	112.1	92.4	57.5	37.4	28.8	22.6
46,924.1	130.4	111.1	95.0	65.7	44.4	38.7	26.3
3,165.8	370.4	326.0	292.6	215.2	161.1	139.6	107.4
1,287.6	599.0	488.0	404.0	293.7	204.3	185.6	121.9
1,759.7	553.0	456.8	397.6	268.3	182.4	159.1	111.4
959.2	181.1	169.7	150.2	119.5	89.7	85.5	59.4
5,879.8	37.8	31.6	24.5	14.3	7.3	6.6	4.8
4,364.7	102.4	89.1	75.2	52.5	28.6	21.3	10.1
14,896.3	25.0	20.1	15.9	10.9	7.1	6.3	4.6
11,946.2	103.5	93.4	82.3	54.7	34.9	30.1	17.7
1,308.9	424.4	316.4	234.7	132.9	80.2	67.2	48.9
1,355.9	142.5	134.4	123.2	97.1	80.4	73.0	47.9

Table 1.1 - POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
Region 5	3,477	3,194	2,966	2,363	1,667	1,347	840
Albay	809	729	674	515	395	334	260
Camarines Norte	308	288	262	188	104	98	52
Camarines Sur	1,099	1,024	948	820	554	386	219
Catanduanes	175	173	162	156	112	99	64
Masbate	585	533	493	336	211	182	67
Sorsogon	501	447	427	348	291	248	178
Region 6	4,526	4,146	3,618	3,077	2,530	2,174	1,347
Aklan	325	293	263	226	197	177	137
Antique	345	308	289	238	233	199	155
Capiz	492	446	394	315	245	229	155
Iloilo <sup>5</sup>	1,434	1,313	1,168	966	816	744	503
Negros Occidental	1,930	1,786	1,504	1,332	1,039	825	397
Region 7	3,787	3,386	3,032	2,523	2,119	1,955	1,486
Bohol	806	759	683	592	553	492	358
Cebu	2,092	1,818	1,634	1,333	1,123	1,068	855
Negros Oriental	819	740	652	538	386	335	216
Siquijor	70	69	63	60	57	60	57
Region 8	2,799	2,599	2,381	2,041	1,764	1,463	978
Leyte <sup>6</sup>	1,303	1,203	1,111	963	819	743	476
Southern Leyte	296	276	251	210	188	173	122
Eastern Samar	321	287	271	238	198	155	117
Northern Samar	378	355	306	261	228	155	94
Western Samar	501	478	442	369	331	237	169

## BY REGION AND PROVINCE: CENSUS YEARS 1918 to 1980 (continued)

Land area (km <sup>2</sup> )	Density (persons/km <sup>2</sup> )						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
17,632.5	197.2	181.1	168.3	134.0	94.5	76.4	47.6
2,552.6	317.0	285.5	264.0	201.7	154.6	130.8	101.9
2,112.5	145.8	136.5	124.1	89.0	49.1	46.4	24.6
5,266.8	208.7	194.4	180.1	155.6	105.1	73.3	41.6
1,511.5	115.9	114.3	107.4	103.4	74.2	65.5	42.3
4,047.7	144.4	131.8	121.8	83.0	52.2	45.0	16.6
2,141.4	233.8	208.5	199.4	162.4	135.9	115.8	83.1
20,223.2	223.8	205.0	178.9	152.2	125.1	107.5	66.6
1,817.9	178.5	161.4	144.9	124.4	108.4	97.4	75.4
2,522.0	136.7	122.3	114.7	94.5	92.4	78.9	61.5
2,633.2	186.9	169.3	149.6	119.7	93.0	87.0	58.9
5,324.0	269.3	246.6	219.4	181.7	153.3	139.7	94.5
7,926.1	243.5	225.3	189.7	168.1	131.0	104.1	50.1
14,951.5	253.3	226.5	202.9	168.7	141.8	130.7	99.4
4,117.3	195.8	184.4	166.0	143.8	134.4	119.5	87.0
5,088.4	411.1	357.4	321.2	261.9	220.7	209.9	168.0
5,402.3	151.7	137.1	120.7	99.6	71.5	62.0	40.0
343.5	204.8	201.1	183.3	173.4	165.9	174.7	165.9
21,431.6	130.6	121.3	111.1	95.2	82.3	68.2	45.6
6,268.3	207.8	191.9	177.2	153.7	130.7	118.6	76.0
1,734.8	170.8	159.3	144.9	120.8	108.1	99.7	70.3
4,339.6	73.9	66.2	62.4	54.8	45.6	35.7	27.0
3,497.9	108.2	101.4	87.5	74.7	65.2	44.3	26.9
5,591.0	89.7	85.6	79.1	66.0	59.2	42.4	30.2

Table 1.1 - POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
Region 9	2,528	2,048	1,868	1,351	763	603	320
Basilan	201	171	144	156	110	57	23
Sulu	360	240	315	248	182	201	128
Tawi-Tawi	195	143	110	79	59	46	45
Zamboanga del Norte	588	491	409	281	168	139	57
Zamboanga del Sur	1,184	1,003	890	587	244	160	67
Region 10	2,759	2,314	1,954	1,297	923	707	360
Agusan del Norte	366	301	278	177	89	64	25
Agusan del Sur	265	213	175	94	38	35	20
Bukidnon	632	533	415	194	63	58	47
Camiguin	57	53	54	45	70	41	38
Misamis Occidental	386	356	320	248	208	210	81
Misamis Oriental	690	560	473	344	300	173	82
Surigao del Norte	363	298	239	195	155	126	67
Region 11	3,347	2,714	2,201	1,354	577	450	206
Davao del Norte	725	590	443	263	91	60	24
Davao del Sur	1,134	936	785	498	205	171	46
Davao Oriental	340	299	248	133	68	61	38
South Cotabato	770	587	466	295	103	58	43
Surigao del Sur	378	302	259	165	110	100	55
Region 12	2,271	2,070	1,941	1,383	681	484	221
Lanao del Norte	461	381	350	271	132	99	26
Lanao del Sur	405	500	456	378	212	144	66
Maguindanao	536	478	476	377	235	137	76
North Cotabato	565	472	468	279	77	50	16
Sultan Kudarat	304	239	191	78	25	54	37

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

<sup>1</sup>Includes Quirino.

<sup>2</sup>Excluding Valenzuela.

<sup>3</sup>Includes Aurora.

<sup>4</sup>Excluding cities and municipalities covered by Metro Manila.

<sup>5</sup>Includes Guimaras.

<sup>6</sup>Includes Biliran.

Source: National Census and Statistics Office.

## BY REGION AND PROVINCE: CENSUS YEARS 1918 to 1980 (continued)

Land area (km <sup>2</sup> )	Density (persons/km <sup>2</sup> )						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)	1939 (Jan. 1)	1918 (Dec. 31)
18,730.0	135.3	109.6	100.0	72.3	40.8	32.3	17.1
1,372.2	151.8	128.9	108.4	117.3	82.9	42.9	17.3
1,600.4	225.3	150.0	197.1	155.2	113.7	125.6	80.0
1,087.4	179.0	132.0	101.3	72.3	54.3	32.3	41.4
6,618.1	88.8	74.1	61.9	42.5	25.3	21.0	8.7
8,051.9	147.0	124.5	110.6	72.9	30.3	19.9	8.3
28,327.8	97.4	81.7	68.9	45.8	32.6	25.0	12.7
2,590.3	141.1	116.1	107.3	68.5	34.4	24.7	9.7
8,965.5	29.6	23.8	19.5	10.4	4.2	3.9	2.2
8,293.8	76.2	64.2	50.0	23.4	7.6	7.0	5.7
229.8	248.6	228.7	234.6	194.6	304.6	178.4	165.4
1,939.3	199.2	183.7	164.9	128.1	107.3	108.3	41.8
3,570.1	193.3	157.0	132.4	96.3	84.0	48.5	23.0
2,739.0	132.7	108.8	87.2	71.2	56.6	46.0	24.5
31,692.9	105.6	85.6	69.4	42.7	18.2	14.2	6.5
8,129.8	89.2	72.5	54.4	32.3	11.2	7.4	3.0
6,377.6	177.7	146.8	123.1	78.0	32.1	26.8	7.2
5,164.5	65.8	58.0	48.0	25.7	13.2	11.8	7.4
7,468.8	103.2	78.6	62.4	39.5	13.8	7.8	5.8
4,552.2	83.0	66.4	56.8	36.2	24.2	22.0	12.1
23,293.1	97.5	88.9	83.3	59.4	29.2	20.8	9.5
3,092.0	149.1	123.3	113.2	87.5	42.7	32.0	8.4
3,872.9	104.6	129.1	117.6	97.7	54.7	37.2	17.0
5,474.1	98.0	87.3	87.0	68.9	42.9	25.0	13.8
6,565.9	86.0	71.9	71.3	42.6	11.8	7.6	2.5
4,288.2	70.8	55.7	44.6	18.1	5.8	12.6	8.7

Table 1.2 - POPULATION, LAND AREA AND DENSITY

City	Population (thousands)				
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)
Total	12,161	10,700	9,577	7,330	5,592
=====	=====	=====	=====	=====	=====
Angeles	189	151	135	76	38
Bacolod	262	223	187	119	101
Bago	100	89	72	59	57
Bagiuo	119	97	85	50	29
Bais	49	46	40	27	15
Basilan	a	27	144	156	110
Batangas	144	125	109	83	60
Butuan	172	133	131	80	30
Cabanatuan	138	115	100	70	49
Cadiz	130	128	124	89	49
Cagayan de Oro	227	165	128	68	52
Calbayog	107	103	94	78	80
Caloocan	468	397	274	146	55
Canlaon	29	29	24	23	16
Cavite	88	83	76	55	35
Cebu	490	413	347	251	168
Cotabato	84	67	61	38	15
Dagupan	98	90	84	63	44
Danao	57	50	48	33	26
Dapitan	55	46	38	28	20
Davao	610	485	392	226	111
Dipolog	62	48	46	32	23
Dumaguete	63	53	52	35	25
General Santos	149	91	86	53	13
Gingoog	80	67	66	53	31
Iligan	167	119	104	58	28
Iloilo	245	227	210	151	110
Iriga	66	76	77	75	42
La Carlota	46	41	38	57	46
Laoag	70	66	62	50	44
Lapu-Lapu	99	80	69	49	37

## BY CITY: CENSUS YEARS 1948 to 1980

Land area (km <sup>2</sup> )	Density (person/km <sup>2</sup> )				
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)
18,803.3	541.4	464.0	404.6	285.6	193.8
=====	=====	=====	=====	=====	=====
60.3	3,131.6	2,506.9	2,231.2	1,258.7	622.9
156.1	1,681.1	1,431.1	1,199.1	764.4	649.8
402.1	247.8	221.9	178.2	146.3	141.0
48.9	2,433.7	1,992.8	1,728.8	1,031.4	598.4
316.9	155.6	144.1	126.5	84.3	48.4
1,372.2	a	20.5	108.4	117.3	83.1
283.0	507.3	443.0	384.7	292.0	210.5
526.3	327.3	252.1	249.1	151.6	57.1
192.7	717.7	598.1	518.4	361.1	251.9
516.5	251.0	247.2	240.3	171.4	94.8
412.8	550.7	400.2	310.8	165.4	124.8
903.0	118.2	113.6	104.5	86.2	88.0
55.8	8,383.8	7,118.3	4,918.5	2,607.9	980.8
160.7	179.1	181.4	146.8	142.4	98.8
11.8	7,429.3	6,987.8	6,418.6	4,561.8	2,970.5
280.9	1,745.4	1,470.4	1,235.7	894.1	596.3
176.0	476.5	381.2	347.6	213.1	82.8
37.2	2,643.7	2,421.8	2,246.8	1,698.7	1,178.4
107.3	530.9	468.4	444.2	305.9	246.6
215.0	254.4	215.2	175.7	128.0	95.3
2,211.3	276.0	219.2	177.5	102.1	50.3
220.0	281.5	220.0	210.8	146.5	103.6
55.8	1,136.4	945.6	932.9	632.3	445.1
795.5	187.8	115.6	107.9	66.3	16.0
404.6	197.6	164.6	161.9	130.2	75.9
730.5	229.1	162.6	143.0	80.0	37.7
56.0	4,371.9	4,054.1	3,745.3	2,701.2	1,966.5
119.6	552.8	634.5	647.0	630.8	351.6
137.3	333.7	298.5	279.1	413.5	333.5
107.5	647.9	616.4	574.2	467.0	413.1
58.1	1,699.2	1,368.1	1,192.2	835.6	641.7

Table 1.2 - POPULATION, LAND AREA AND DENSITY

City	Population (thousands)				
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)
Legaspi	100	88	84	61	47
Lipa	121	106	94	64	47
Lucena	108	92	77	49	33
Mandaue	111	76	59	29	19
Manila	1,630	1,479	1,331	1,139	984
Marawi	54	63	56	27	20
Naga	91	83	80	56	56
Olongapo	156	147	108	45	14
Ormoc	105	90	85	63	57
Oroquieta	47	43	39	29	23
Ozamis	78	72	65	44	35
Pagadian	81	66	57	41	17
Palayan	15	12	8	3	-
Pasay	288	255	206	124	89
Puerto Princesa	60	46	38	22	11
Quezon City	1,166	957	754	398	111
Roxas	81	71	68	49	32
San Carlos (Neg. Occ.)	92	91	90	125	92
San Carlos (Pangasinan)	101	91	84	64	52
San Jose	64	58	70	38	30
San Pablo	132	117	105	71	50
Silay	111	105	69	60	36
Surigao	80	66	51	37	-
Tacloban	102	81	77	54	45
Tagaytay	16	13	11	7	5
Tagbilaran	43	37	33	20	16
Tangub	40	41	31	21	20
Toledo	92	77	68	64	39
Trece Martires	9	7	6	4	2
Zamboanga	344	265	200	131	103

<sup>a</sup>Abolished in December 1975 under P. D. 840.

Source: National Census and Statistics Office.

## BY CITY: CENSUS YEARS 1948 to 1980 (continued)

Land area (km <sup>2</sup> )	Density (person/km <sup>2</sup> )				
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb. 15)	1948 (Oct. 1)
153.7	649.1	575.0	547.1	394.2	306.9
209.4	578.6	506.7	448.8	306.8	224.1
68.5	1,574.9	1,348.0	1,124.2	719.2	483.1
11.7	9,452.1	6,487.5	5,006.8	2,502.6	1,629.7
38.3	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5
22.6	2,381.1	2,802.3	2,465.0	1,196.9	869.8
77.5	1,170.5	1,075.3	1,030.3	716.2	725.6
103.3	1,514.3	1,424.1	1,043.4	438.8	136.4
464.3	226.1	192.7	182.1	135.2	123.6
194.9	242.8	218.0	197.9	151.2	117.2
144.2	539.8	496.2	448.3	305.8	244.5
378.8	213.5	174.4	152.1	109.1	43.9
35.6	420.2	341.0	235.4	90.9	-
13.9	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3
2,106.7	28.6	21.7	17.9	10.4	5.3
166.2	7,014.8	5,757.3	4,539.4	2,394.6	668.9
102.0	795.9	699.1	663.2	483.6	317.2
451.3	203.3	201.6	199.6	276.4	204.4
166.4	608.4	546.2	506.8	386.5	311.8
180.5	356.0	323.5	389.6	211.0	166.5
214.0	615.2	544.9	493.1	330.3	235.7
214.8	517.4	488.3	322.2	280.2	165.6
245.3	325.1	269.2	209.9	152.6	-
100.9	1,016.1	799.9	758.5	530.7	450.2
74.0	220.6	180.9	147.4	97.3	70.7
30.3	1,408.7	1,232.2	1,089.3	668.3	529.7
119.2	338.9	339.4	259.4	177.0	170.7
174.5	525.3	438.5	388.1	366.1	224.8
39.1	219.4	183.6	166.8	113.1	47.8
1,414.7	243.0	187.3	141.3	92.9	73.0

Figure 1.1  
POPULATION AND LAND AREA BY REGION: 1 MAY 1980  
1 MAY 1980

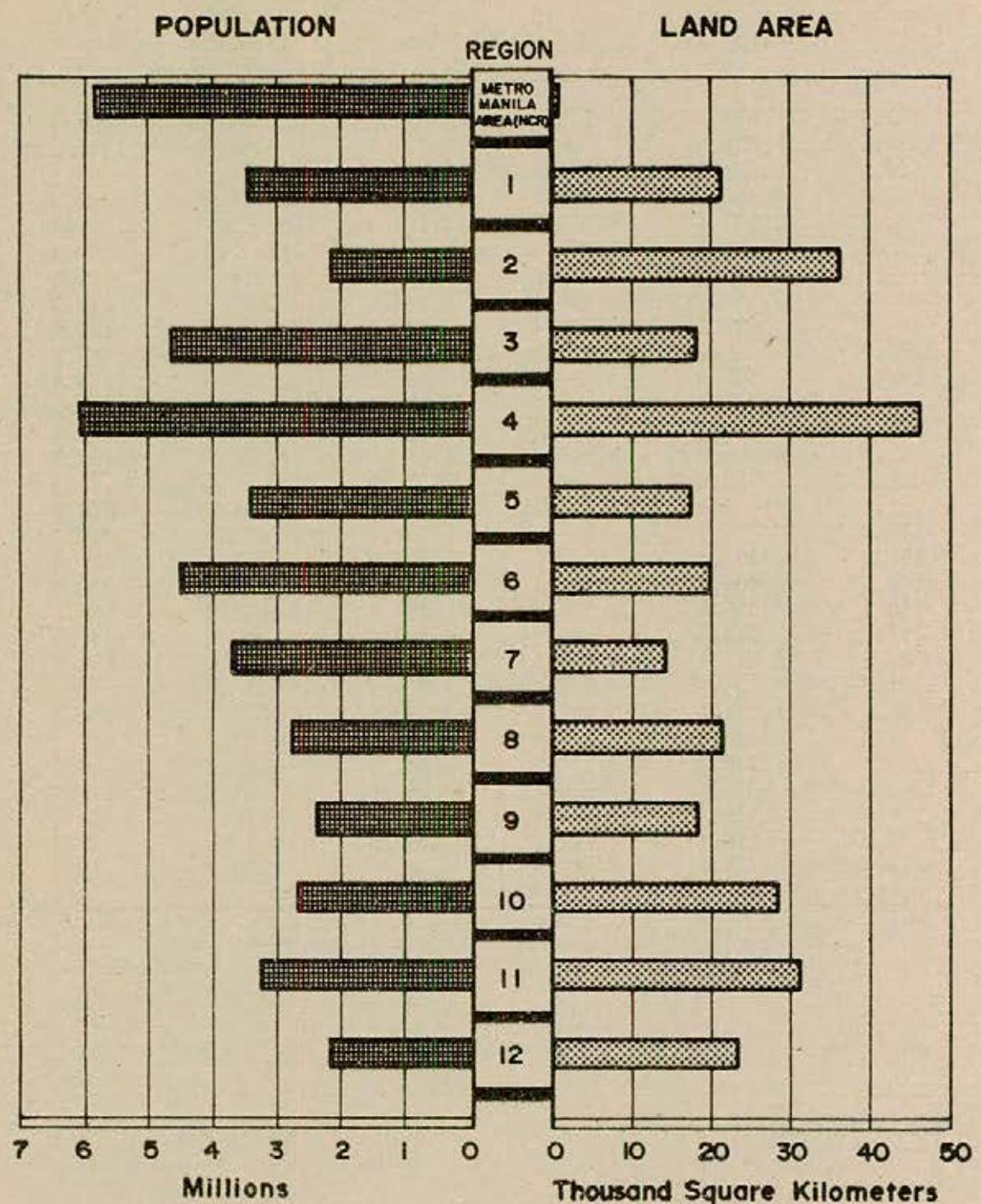


Table 1.3 - MIDYEAR (1 JULY) POPULATION ESTIMATES BY  
URBAN AND RURAL RESIDENCE:  
1950 to 1980

Year	Total Population	Urban	Rural
1950	20,274,800	...	...
1955	23,568,000	...	...
1960 (Feb. 15) <sup>1</sup>	27,087,685	...	...
1965	31,880,868	...	...
1970 (May 6) <sup>1</sup>	36,684,486	11,677,820	25,006,666
1971	37,862,421	12,186,125	25,676,296
1972	38,914,239	12,644,689	26,874,768
1973	39,995,277	13,120,509	26,269,550
1974	41,106,345	13,164,233	27,492,112
1975 (May 1) <sup>1</sup>	42,070,660	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) <sup>1</sup>	48,098,460	17,943,897	30,154,563

Note: Data for 1971 to 1979, except 1975 are intercensal estimates.

<sup>1</sup> Census Year.

Source: National Census and Statistics Office.

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Philippines			
	Both Sexes	Male	Female	Both Sexes
All ages .....	48,098,460	24,128,755	23,969,705	17,943,897
Under 1 year ...	1,742,912	893,971	848,941	610,411
1- 4 .....	5,923,285	3,038,799	2,884,486	1,995,744
5- 9 .....	6,605,446	3,396,682	3,208,764	2,186,800
10-14 .....	5,949,904	3,036,022	2,913,882	2,077,626
15-19 .....	5,255,641	2,566,848	2,688,793	2,085,159
20-24 .....	4,588,224	2,210,308	2,377,916	1,937,953
25-29 .....	3,854,164	1,918,288	1,935,876	1,627,605
30-34 .....	2,998,581	1,521,082	1,477,499	1,268,844
35-39 .....	2,419,171	1,227,966	1,191,205	930,022
40-44 .....	2,077,506	1,046,208	1,031,298	797,364
45-49 .....	1,660,486	825,018	835,468	618,496
50-54 .....	1,386,743	682,996	703,747	514,582
55-59 .....	1,094,560	528,491	566,069	389,039
60-64 .....	905,496	441,026	464,470	313,797
65-69 .....	718,336	349,270	369,066	254,695
70-74 .....	440,304	216,036	224,268	161,033
75 and over ....	477,701	229,744	247,957	174,727

BY REGION, URBAN-RURAL: 1980  
 on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
8,765,276	9,178,621	30,154,563	15,363,479	14,791,084
313,516	296,895	1,132,501	580,455	552,046
1,028,018	967,726	3,927,541	2,010,781	1,916,760
1,122,039	1,064,761	4,418,646	2,274,643	2,144,003
1,039,809	1,037,817	3,872,278	1,996,213	1,876,065
952,727	1,132,432	3,170,482	1,614,121	1,556,361
888,681	1,049,272	2,650,271	1,321,627	1,328,644
782,995	844,610	2,226,559	1,135,293	1,091,266
633,093	635,751	1,729,737	887,989	841,748
463,478	466,544	1,489,149	764,488	724,661
394,109	403,255	1,280,142	652,099	628,043
301,660	316,836	1,041,990	523,358	518,632
248,296	266,286	872,161	434,700	437,461
182,143	206,896	705,521	346,348	359,173
144,975	168,822	591,699	296,051	295,648
116,312	138,383	463,641	232,958	230,683
74,945	86,088	279,271	141,091	138,180
78,480	96,247	302,974	151,264	151,710

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Metropolitan Manila Area (National Capital Region)			Both Sexes
	Both Sexes	Male	Female	
All ages .....	5,925,884	2,855,712	3,070,172	5,925,884
Under 1 year ...	203,689	104,823	98,866	203,689
1- 4 .....	623,832	322,972	300,860	623,832
5- 9 .....	633,033	324,612	308,421	633,033
10-14 .....	596,959	296,248	300,711	596,959
15-19 .....	705,388	302,620	402,768	705,388
20-24 .....	760,186	338,940	421,246	760,186
25-29 .....	644,903	308,007	336,896	644,903
30-34 .....	478,925	238,945	239,980	478,925
35-39 .....	314,664	157,339	157,325	314,664
40-44 .....	266,880	131,503	135,377	266,880
45-49 .....	198,531	97,294	101,237	198,531
50-54 .....	159,291	77,841	81,450	159,291
55-59 .....	113,467	53,030	60,437	113,467
60-64 .....	84,635	38,789	45,846	84,635
65-69 .....	63,974	28,284	35,690	63,974
70-74 .....	39,345	18,131	21,214	39,345
75 and over ....	38,182	16,334	21,848	38,182

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban			Rural		
Male	Female	Both Sexes	Male		Female
2,855,712	3,070,172	-	-	-	-
104,823	98,866	-	-	-	-
322,972	300,860	-	-	-	-
324,612	308,421	-	-	-	-
296,248	300,711	-	-	-	-
302,620	402,768	-	-	-	-
338,940	421,246	-	-	-	-
308,007	336,896	-	-	-	-
238,945	239,980	-	-	-	-
157,339	157,325	-	-	-	-
131,503	135,377	-	-	-	-
97,294	101,237	-	-	-	-
77,841	81,450	-	-	-	-
53,030	60,437	-	-	-	-
38,789	45,846	-	-	-	-
28,284	35,690	-	-	-	-
18,131	21,214	-	-	-	-
16,334	21,848	-	-	-	-

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 1			Both Sexes
	Both Sexes	Male	Female	
All ages .....	3,540,893	1,760,119	1,780,774	841,565
Under 1 year ...	115,274	58,901	56,373	24,789
1- 4 .....	401,843	207,414	194,429	87,949
5- 9 .....	473,649	244,660	228,989	105,724
10-14 .....	447,884	229,515	218,369	105,864
15-19 .....	379,356	191,436	187,920	96,439
20-24 .....	303,571	149,713	153,858	76,755
25-29 .....	244,742	120,080	124,662	58,855
30-34 .....	211,284	103,785	107,499	52,918
35-39 .....	175,790	86,714	89,076	42,263
40-44 .....	158,050	76,066	81,984	38,083
45-49 .....	129,283	61,853	67,430	30,859
50-54 .....	115,079	54,028	61,051	27,471
55-59 .....	104,073	48,533	55,540	24,368
60-64 .....	88,439	40,407	48,032	20,165
65-69 .....	72,873	32,888	39,985	17,922
70-74 .....	51,704	23,345	28,359	13,544
75 and over ....	67,999	30,781	37,218	17,597

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
406,663	434,902	2,699,328	1,353,456	1,345,872
=====	=====	=====	=====	=====
12,676	12,113	90,485	46,225	44,260
45,317	42,632	313,894	162,097	151,797
54,642	51,082	367,925	190,018	177,907
53,781	52,083	342,020	175,734	166,286
46,533	49,906	282,917	144,903	138,014
35,919	40,836	226,816	113,794	113,022
27,458	31,397	185,887	92,622	93,265
25,184	27,734	158,366	78,601	79,765
20,246	22,017	133,527	66,468	67,059
17,675	20,408	119,967	58,391	61,576
14,358	16,501	98,424	47,495	50,929
12,447	15,024	87,608	41,581	46,027
10,969	13,399	79,705	37,564	42,141
8,586	11,579	68,274	31,821	36,453
7,695	10,227	54,951	25,193	29,758
5,898	7,646	38,160	17,447	20,713
7,279	10,318	50,402	23,502	26,900

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 2			Both Sexes
	Both Sexes	Male	Female	
All ages .....	2,215,522	1,128,854	1,086,668	343,543
Under 1 year ...	84,077	43,401	40,676	11,506
1- 4 .....	279,986	144,113	135,873	39,024
5- 9 .....	313,252	160,705	152,547	43,699
10-14 .....	277,728	142,349	135,379	43,020
15-19 .....	242,622	122,040	120,582	40,430
20-24 .....	205,932	102,551	103,381	32,563
25-29 .....	168,545	86,698	81,847	27,069
30-34 .....	127,376	65,617	61,759	21,652
35-39 .....	104,128	53,753	50,375	16,554
40-44 .....	97,979	50,340	47,639	15,274
45-49 .....	79,630	40,650	38,980	12,178
50-54 .....	63,906	31,979	31,927	10,412
55-59 .....	52,686	26,199	26,487	8,533
60-64 .....	43,669	21,997	21,672	7,259
65-69 .....	31,103	15,082	16,021	5,836
70-74 .....	20,620	10,453	10,167	4,234
75 and over ....	22,283	10,927	11,356	4,300

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
170,712	172,831	1,871,979	958,142	913,837
5,793	5,713	72,571	37,608	34,963
20,509	18,515	240,962	123,604	117,358
22,522	21,177	269,553	138,183	131,370
21,686	21,334	234,708	120,663	114,045
19,380	21,050	202,192	102,660	99,532
15,729	16,834	173,369	86,822	86,547
13,142	13,927	141,476	73,556	67,920
10,844	10,808	105,724	54,773	50,951
8,517	8,037	87,574	45,236	42,338
7,602	7,672	82,705	42,738	39,967
6,007	6,171	67,452	34,643	32,809
4,906	5,506	53,494	27,073	26,421
3,939	4,594	44,153	22,260	21,893
3,504	3,755	36,410	18,493	17,917
2,638	3,198	25,267	12,444	12,823
2,071	2,163	16,386	8,382	8,004
1,923	2,377	17,983	9,004	8,979

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 3			Both Sexes
	Both Sexes	Male	Female	
All ages .....	4,802,793	2,406,886	2,395,907	2,009,259
Under 1 year ...	171,558	88,549	83,009	68,853
1- 4 .....	577,501	297,290	280,211	229,782
5- 9 .....	655,895	338,834	317,061	258,072
10-14 .....	611,061	312,759	298,302	246,472
15-19 .....	524,457	261,883	262,574	222,625
20-24 .....	459,487	223,532	235,955	204,525
25-29 .....	383,618	187,629	195,989	169,370
30-34 .....	318,705	159,955	158,750	143,284
35-39 .....	231,728	117,152	114,576	98,972
40-44 .....	202,083	101,111	100,972	86,357
45-49 .....	162,480	79,457	83,023	69,052
50-54 .....	134,840	66,457	68,383	58,471
55-59 .....	108,478	50,357	58,121	44,161
60-64 .....	88,487	41,392	47,095	36,510
65-69 .....	73,980	34,568	39,412	30,855
70-74 .....	45,361	21,663	23,698	19,147
75 and over ....	53,074	24,298	28,776	22,751

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
988,245	1,021,014	2,793,534	1,418,641	1,374,893
=====	=====	=====	=====	=====
35,813	33,040	102,705	52,736	49,969
118,700	111,082	347,719	178,590	169,129
132,760	125,312	397,823	206,074	191,749
124,323	122,149	364,589	188,436	176,153
107,070	115,555	301,832	154,813	147,019
95,370	109,155	254,962	128,162	126,800
80,361	89,009	214,248	107,268	106,980
71,010	72,274	175,421	88,945	86,476
49,227	49,745	132,756	67,925	64,831
42,449	43,908	115,726	58,662	57,064
33,384	35,668	93,428	46,073	47,355
28,903	29,568	76,369	37,554	38,815
20,139	24,022	64,317	30,218	34,099
16,502	20,008	51,977	24,890	27,087
13,603	17,252	43,125	20,965	22,160
8,687	10,460	26,214	12,976	13,238
9,944	12,807	30,323	14,354	15,969

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 4			Both Sexes
	Both Sexes	Male	Female	
All ages .....	6,118,620	3,095,075	3,023,545	2,257,735
Under 1 year ...	225,598	115,468	110,130	77,577
1- 4 .....	760,508	391,768	368,740	257,431
5- 9 .....	836,378	430,252	406,126	284,618
10-14 .....	752,085	384,238	367,847	270,139
15-19 .....	645,485	321,704	323,781	248,672
20-24 .....	585,782	291,282	294,500	226,451
25-29 .....	498,233	253,886	244,347	195,612
30-34 .....	390,123	199,501	190,622	157,839
35-39 .....	305,141	156,165	148,976	116,898
40-44 .....	259,382	131,668	127,714	100,962
45-49 .....	209,363	104,082	105,281	78,721
50-54 .....	175,596	85,627	89,969	65,487
55-59 .....	138,948	66,350	72,598	51,083
60-64 .....	117,590	56,131	61,459	41,901
65-69 .....	97,331	47,421	49,910	36,722
70-74 .....	58,872	28,913	29,959	22,782
75 and over ....	62,205	30,619	31,586	24,840

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Both Sexes	Rural	
Male	Female		Male	Female
1,118,673	1,139,062	3,860,885	1,976,402	1,884,483
39,287	38,290	148,021	76,181	71,840
132,271	125,160	503,077	259,497	243,580
146,368	138,250	551,760	283,884	267,876
135,924	134,215	481,946	248,314	233,632
119,795	128,877	396,813	201,909	194,904
108,452	117,999	359,331	182,830	176,501
96,411	99,201	302,621	157,475	145,146
79,200	78,639	232,284	120,301	111,983
58,328	58,570	188,243	97,837	90,406
50,508	50,454	158,420	81,160	77,260
38,693	40,028	130,642	65,389	65,253
31,356	34,131	110,109	54,271	55,838
24,200	26,883	87,865	42,150	45,715
18,899	23,002	75,689	37,232	38,457
16,819	19,903	60,609	30,602	30,007
10,459	12,323	36,090	18,454	17,636
11,703	13,137	37,365	18,916	18,449

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 5			Both Sexes
	Both Sexes	Male	Female	
All ages .....	3,476,982	1,765,624	1,711,358	746,216
Under 1 year ...	144,094	74,294	69,800	25,601
1- 4 .....	455,689	234,143	221,546	82,979
5- 9 .....	515,190	265,302	249,888	98,905
10-14 .....	477,973	247,345	230,628	102,317
15-19 .....	372,833	190,320	182,513	90,566
20-24 .....	285,330	139,950	145,380	63,482
25-29 .....	233,002	116,837	116,165	50,275
30-34 .....	191,263	96,713	94,550	43,167
35-39 .....	164,418	83,002	81,416	36,769
40-44 .....	140,221	70,561	69,660	32,768
45-49 .....	115,857	57,093	58,764	27,030
50-54 .....	105,843	52,434	53,409	24,742
55-59 .....	80,611	39,549	41,062	19,215
60-64 .....	70,424	34,355	36,069	16,524
65-69 .....	54,726	28,219	26,507	13,373
70-74 .....	34,334	17,468	16,866	8,713
75 and over ....	35,174	18,039	17,135	9,790

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
366,565	379,651	2,730,766	1,399,059	1,331,707
=====	=====	=====	=====	=====
13,266	12,335	118,493	61,028	57,465
42,900	40,079	372,710	191,243	181,467
50,304	48,601	416,285	214,998	201,287
51,442	50,875	375,656	195,903	179,753
43,139	47,427	282,267	147,181	135,086
30,384	33,098	221,848	109,566	112,282
23,912	26,363	182,727	92,925	89,802
21,206	21,961	148,096	75,507	72,589
17,943	18,826	127,649	65,059	62,590
15,867	16,901	107,453	54,694	52,759
12,879	14,151	88,827	44,214	44,613
11,686	13,056	81,101	40,748	40,353
9,016	10,199	61,396	30,533	30,863
7,542	8,982	53,900	26,813	27,087
6,434	6,939	41,353	21,785	19,568
4,099	4,614	25,621	13,369	12,252
4,546	5,244	25,384	13,493	11,891

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 6			Both Sexes
	Both Sexes	Male	Female	
All ages .....	4,525,525	2,265,780	2,259,745	1,282,340
Under 1 year ...	159,344	82,219	77,125	39,480
1- 4 .....	553,380	283,414	269,966	139,206
5- 9 .....	629,001	322,844	306,157	163,194
10-14 .....	568,303	290,859	277,444	157,642
15-19 .....	493,419	248,090	245,329	151,050
20-24 .....	400,279	194,528	205,751	119,607
25-29 .....	330,742	164,690	166,052	99,828
30-34 .....	259,902	130,214	129,688	79,906
35-39 .....	229,501	114,570	114,931	68,213
40-44 .....	205,342	100,762	104,580	61,365
45-49 .....	162,501	78,911	83,590	47,764
50-54 .....	135,073	63,312	71,761	40,542
55-59 .....	114,703	53,637	61,066	32,132
60-64 .....	99,177	47,835	51,342	27,387
65-69 .....	83,897	41,163	42,734	23,840
70-74 .....	46,820	23,190	23,630	14,165
75 and over ....	54,141	25,542	28,599	17,019

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
620,907	661,433	3,243,185	1,644,873	1,598,312
-----	-----	-----	-----	-----
20,377	19,103	119,864	61,842	58,022
71,170	68,036	414,174	212,244	201,930
84,142	79,052	465,807	238,702	227,105
79,189	78,453	410,661	211,670	198,991
70,937	80,113	342,369	177,153	165,216
54,901	64,706	280,672	139,627	141,045
47,054	52,774	230,914	117,636	113,278
38,798	41,108	179,996	91,416	88,580
33,021	35,192	161,288	81,549	79,739
29,020	32,345	143,977	71,742	72,235
22,385	25,379	114,737	56,526	58,211
18,523	22,019	94,531	44,789	49,742
14,107	18,025	82,571	39,530	43,041
12,294	15,093	71,790	35,541	36,249
11,033	12,807	60,057	30,130	29,927
6,544	7,621	32,655	16,646	16,009
7,412	9,607	37,122	18,130	18,992

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 7			Both Sexes
	Both Sexes	Male	Female	
All ages .....	3,787,374	1,882,242	1,905,132	1,212,116
Under 1 year ...	133,706	68,968	64,738	40,330
1- 4 .....	446,884	230,022	216,862	133,498
5- 9 .....	501,134	257,607	243,527	147,964
10-14 .....	454,873	232,415	222,458	141,790
15-19 .....	398,068	196,313	201,755	139,608
20-24 .....	344,068	165,857	178,211	124,525
25-29 .....	287,636	141,496	146,140	102,801
30-34 .....	220,702	110,708	109,994	80,294
35-39 .....	190,674	94,507	96,167	63,243
40-44 .....	166,439	80,773	85,666	53,403
45-49 .....	141,055	67,056	73,999	43,698
50-54 .....	124,263	59,057	65,206	37,184
55-59 .....	103,344	47,875	55,469	29,620
60-64 .....	92,825	43,560	49,265	25,213
65-69 .....	77,167	36,436	40,731	20,606
70-74 .....	50,187	23,884	26,303	13,726
75 and over ....	54,349	25,708	28,641	14,613

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
591,780	620,336	2,575,258	1,290,462	1,284,796
=====	=====	=====	=====	=====
20,874	19,456	93,376	48,094	45,282
69,249	64,249	313,386	160,773	152,613
75,756	72,208	353,170	181,851	171,319
71,414	70,376	313,083	161,001	152,082
65,114	74,494	258,460	131,199	127,261
57,317	67,208	219,543	108,540	111,003
49,202	53,599	184,835	92,294	92,541
40,063	40,231	140,408	70,645	69,763
31,049	32,194	127,431	63,458	63,973
25,683	27,720	113,036	55,090	57,946
20,913	22,785	97,357	46,143	51,214
17,407	19,777	87,079	41,650	45,429
13,673	15,947	73,724	34,202	39,522
11,638	13,575	67,612	31,922	35,690
9,313	11,293	56,561	27,123	29,438
6,362	7,364	36,461	17,522	18,939
6,753	7,860	39,736	18,955	20,781

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 8			Both Sexes
	Both Sexes	Male	Female	
All ages .....	2,800,074	1,423,846	1,376,228	610,061
Under 1 year ...	102,356	51,928	50,428	19,478
1- 4 .....	347,267	177,495	169,772	67,095
5- 9 .....	414,041	212,559	201,482	81,067
10-14 .....	376,419	193,960	182,459	81,642
15-19 .....	294,751	152,115	142,636	72,029
20-24 .....	222,902	111,724	111,178	51,599
25-29 .....	180,222	92,082	88,140	39,215
30-34 .....	150,556	76,423	74,133	34,220
35-39 .....	141,731	72,129	69,602	30,928
40-44 .....	122,451	61,640	60,811	26,657
45-49 .....	104,224	51,752	52,472	23,315
50-54 .....	93,002	45,985	47,017	21,203
55-59 .....	75,262	36,868	38,394	17,186
60-64 .....	61,798	30,620	31,178	14,582
65-69 .....	49,619	24,837	24,782	12,159
70-74 .....	32,065	15,621	16,444	8,820
75 and over ....	31,408	16,108	15,300	8,866

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
301,326	308,735	2,190,013	1,122,520	1,067,493
=====	=====	=====	=====	=====
10,091	9,387	82,878	41,837	41,041
34,669	32,426	280,172	142,826	137,346
41,424	39,643	332,974	171,135	161,839
41,010	40,632	294,777	152,950	141,827
34,740	37,289	222,722	117,375	105,347
24,946	26,653	171,303	86,778	84,525
19,506	19,709	141,007	72,576	68,431
16,793	17,427	116,336	59,630	56,706
15,250	15,678	110,803	56,879	53,924
13,188	13,469	95,794	48,452	47,342
11,194	12,121	80,909	40,558	40,351
9,983	11,220	71,799	36,002	35,797
8,225	8,961	58,076	28,643	29,433
6,611	7,971	47,216	24,009	23,207
5,661	6,498	37,460	19,176	18,284
3,885	4,935	23,245	11,736	11,509
4,150	4,716	22,542	11,958	10,584

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 9			Both Sexes
	Both Sexes	Male	Female	
All ages .....	2,527,506	1,280,439	1,247,067	430,355
Under 1 year ...	85,120	43,964	41,156	14,403
1- 4 .....	340,049	172,264	167,785	51,825
5- 9 .....	390,764	200,252	190,512	59,492
10-14 .....	331,338	169,949	161,389	54,416
15-19 .....	279,799	135,593	144,206	50,668
20-24 .....	228,569	110,235	118,334	42,460
25-29 .....	204,088	103,047	101,041	37,665
30-34 .....	149,174	76,251	72,923	27,861
35-39 .....	133,641	68,423	65,218	23,182
40-44 .....	103,259	53,527	49,732	17,810
45-49 .....	84,258	42,857	41,401	14,256
50-54 .....	65,824	34,420	31,404	11,776
55-59 .....	45,275	23,547	21,728	7,829
60-64 .....	34,730	18,834	15,896	6,523
65-69 .....	24,413	12,854	11,559	4,402
70-74 .....	13,753	7,416	6,337	2,942
75 and over ....	13,452	7,006	6,446	2,845

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
211,795	218,560	2,097,151	1,068,644	1,028,507
====	=====	=====	=====	=====
7,654	6,749	70,717	36,310	34,407
25,987	25,838	288,224	146,277	141,947
30,338	29,154	331,272	169,914	161,358
27,407	27,009	276,922	142,542	134,380
23,037	27,631	229,131	112,556	116,575
19,180	23,280	186,109	91,055	95,054
18,418	19,247	166,423	84,629	81,794
14,032	13,829	121,313	62,219	59,094
11,680	11,502	110,459	56,743	53,716
8,896	8,914	85,449	44,631	40,818
6,985	7,271	70,002	35,872	34,130
5,971	5,805	54,048	28,449	25,599
3,798	4,031	37,446	19,749	17,697
3,329	3,194	28,207	15,505	12,702
2,138	2,264	20,011	10,716	9,295
1,495	1,447	10,811	5,921	4,890
1,450	1,395	10,607	5,556	5,051

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 10			Both Sexes
	Both Sexes	Male	Female	
All ages .....	2,758,985	1,402,083	1,356,902	732,887
Under 1 year ...	106,034	54,705	51,329	25,955
1- 4 .....	352,333	179,462	172,871	85,986
5- 9 .....	398,744	204,413	194,331	98,640
10-14 .....	355,718	179,434	176,284	89,272
15-19 .....	313,922	154,022	159,900	88,603
20-24 .....	259,663	127,523	132,140	73,778
25-29 .....	211,237	107,433	103,804	62,646
30-34 .....	159,571	83,567	76,004	47,494
35-39 .....	136,263	70,556	65,707	37,124
40-44 .....	121,165	62,752	58,413	32,195
45-49 .....	93,836	48,498	45,338	24,580
50-54 .....	76,477	39,206	37,271	19,835
55-59 .....	56,425	28,806	27,619	14,789
60-64 .....	45,506	23,966	21,540	12,116
65-69 .....	35,335	18,394	16,941	9,487
70-74 .....	19,366	10,194	9,172	5,429
75 and over ....	17,390	9,152	8,238	4,958

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
362,586	370,301	2,026,098	1,039,497	986,601
=====	=====	=====	=====	=====
13,225	12,730	80,079	41,480	38,599
43,588	42,398	266,347	135,874	130,473
50,398	48,242	300,104	154,015	146,089
44,301	44,971	266,446	135,133	131,313
40,394	48,209	225,319	113,628	111,691
34,463	39,315	185,885	93,060	92,825
30,246	32,400	148,591	77,187	71,404
24,325	23,169	112,077	59,242	52,835
18,921	18,203	99,139	51,635	47,504
16,817	15,378	88,970	45,935	43,035
12,566	12,014	69,256	35,932	33,324
9,613	10,222	56,642	29,593	27,049
7,372	7,417	41,636	21,434	20,202
6,130	5,986	33,390	17,836	15,554
4,897	4,590	25,848	13,497	12,351
2,767	2,662	13,937	7,427	6,510
2,563	2,395	12,432	6,589	5,843

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
(Figures are estimates based

Age group	Region 11			Both Sexes
	Both Sexes	Male	Female	
All ages .....	3,346,803	1,712,175	1,634,628	1,124,273
Under 1 year ...	131,711	66,733	64,978	42,814
1- 4 .....	446,766	228,689	218,077	139,075
5- 9 .....	487,138	251,582	235,556	151,053
10-14 .....	415,932	211,552	204,380	136,328
15-19 .....	365,426	174,882	190,544	129,073
20-24 .....	330,295	159,485	170,810	119,576
25-29 .....	278,464	143,341	135,123	101,773
30-34 .....	203,724	108,147	95,577	74,840
35-39 .....	169,111	90,603	78,508	58,991
40-44 .....	141,153	76,299	64,854	47,783
45-49 .....	105,597	55,859	49,738	34,973
50-54 .....	85,522	44,705	40,817	27,944
55-59 .....	63,469	33,241	30,228	19,793
60-64 .....	49,939	27,411	22,528	15,437
65-69 .....	35,951	19,260	16,691	12,025
70-74 .....	18,675	10,548	8,127	6,439
75 and over ....	17,930	9,838	8,092	6,356

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Both Sexes	Rural	
Male	Female		Male	Female
560,014	564,259	2,222,530	1,152,161	1,070,369
=====	=====	=====	=====	=====
21,620	21,194	88,897	45,113	43,784
71,126	67,949	307,691	157,563	150,128
78,020	73,033	336,085	173,562	162,523
67,580	68,748	279,604	143,972	135,632
57,507	71,566	236,353	117,375	118,978
54,403	65,173	210,719	105,082	105,637
50,659	51,114	176,691	92,682	84,009
39,014	35,826	128,884	69,133	59,751
30,871	28,120	110,120	59,732	50,388
25,772	22,011	93,370	50,527	42,843
18,016	16,957	70,624	37,843	32,781
14,459	13,485	57,578	30,246	27,332
10,068	9,725	43,676	23,173	20,503
8,238	7,199	34,502	19,173	15,329
6,061	5,964	23,926	13,199	10,727
3,371	3,068	12,236	7,177	5,059
3,229	3,127	11,574	6,609	4,965

Table 1.4 - POPULATION BY AGE GROUP AND SEX,  
 (Figures are estimates based

Age group	Region 12			Both Sexes
	Both Sexes	Male	Female	
All ages .....	2,350,949	1,228,920	1,122,029	427,203
Under 1 year ...	80,351	40,018	40,333	15,936
1- 4 .....	336,247	168,753	167,494	57,062
5- 9 .....	357,227	183,060	174,167	61,339
10-14 .....	363,631	225,399	138,232	51,765
15-19 .....	240,115	115,830	124,285	50,008
20-24 .....	202,160	94,988	107,172	42,446
25-29 .....	188,732	93,062	95,670	37,593
30-34 .....	137,276	71,256	66,020	26,444
35-39 .....	122,381	63,053	59,328	22,221
40-44 .....	93,102	49,206	43,896	17,827
45-49 .....	73,871	39,656	34,215	13,539
50-54 .....	52,027	27,945	24,082	10,224
55-59 .....	37,819	20,499	17,320	6,863
60-64 .....	28,277	15,729	12,548	5,545
65-69 .....	17,967	9,864	8,103	3,494
70-74 .....	9,652	5,210	4,442	2,287
75 and over ....	10,114	5,392	4,722	2,610

Source: National Census and Statistics Office.

BY REGION, URBAN-RURAL: 1980 (continued)  
on the 20 percent sample)

Urban		Rural		
Male	Female	Both Sexes	Male	Female
209,298	217,905	1,923,746	1,019,622	904,124
=====	=====	=====	=====	=====
8,017	7,919	64,415	32,001	32,414
28,560	28,502	279,185	140,193	138,992
30,753	30,586	295,888	152,307	143,581
25,504	26,261	311,866	199,895	111,971
22,461	27,547	190,107	93,369	96,738
18,677	23,769	159,714	76,311	83,403
18,619	18,974	151,139	74,443	76,696
13,679	12,765	110,832	57,577	53,255
11,086	11,135	100,160	51,967	48,193
9,129	8,698	75,275	40,077	35,198
6,986	6,553	60,332	32,670	27,662
5,201	5,023	41,803	22,744	19,059
3,607	3,256	30,956	16,892	14,064
2,913	2,632	22,732	12,816	9,916
1,736	1,758	14,473	8,128	6,345
1,176	1,111	7,365	4,034	3,331
1,194	1,416	7,504	4,198	3,306

Table 1.5 - POPULATION OF THE PHILIPPINES: CENSUS YEARS 1799-1980

Year	Population	Average annual rate of increase over previous date (percent)	Source of data
1799 <sup>1</sup>	1,502,574	...	Buzeta
1800 <sup>1</sup>	1,561,251	3.90000	Zuniga
1812 <sup>1</sup>	1,933,331	1.79727	Cedulas
1819 <sup>1</sup>	2,106,230	1.23119	Cedulas
1829 <sup>1</sup>	2,593,287	2.10204	Church
1840 <sup>1</sup>	3,096,031	1.62391	Local officials
1850 <sup>1</sup>	3,857,424	2.23312	Buzeta
1858 <sup>1</sup>	4,290,381	1.33859	Bowring
1870 <sup>1</sup>	4,712,006	0.78419	Guia de Manila
1877 <sup>1</sup>	5,567,685	2.41243	Census
1887 <sup>1</sup>	5,984,727	0.72492	Census
1896 <sup>1</sup>	6,261,339	0.50329	Prof. Plehn's estimate based on census records.
1903 <sup>2</sup>	7,635,426	2.87489	Census
1918 <sup>3</sup>	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

<sup>1</sup>Population from 1799 to 1896 excludes non-Christians.<sup>2</sup>Includes 647,740 non-Christians.<sup>3</sup>Includes 932,953 non-Christians.

Source: National Census and Statistics Office.

Figure 1.2  
POPULATION DENSITY BY REGION: 1 MAY 1980

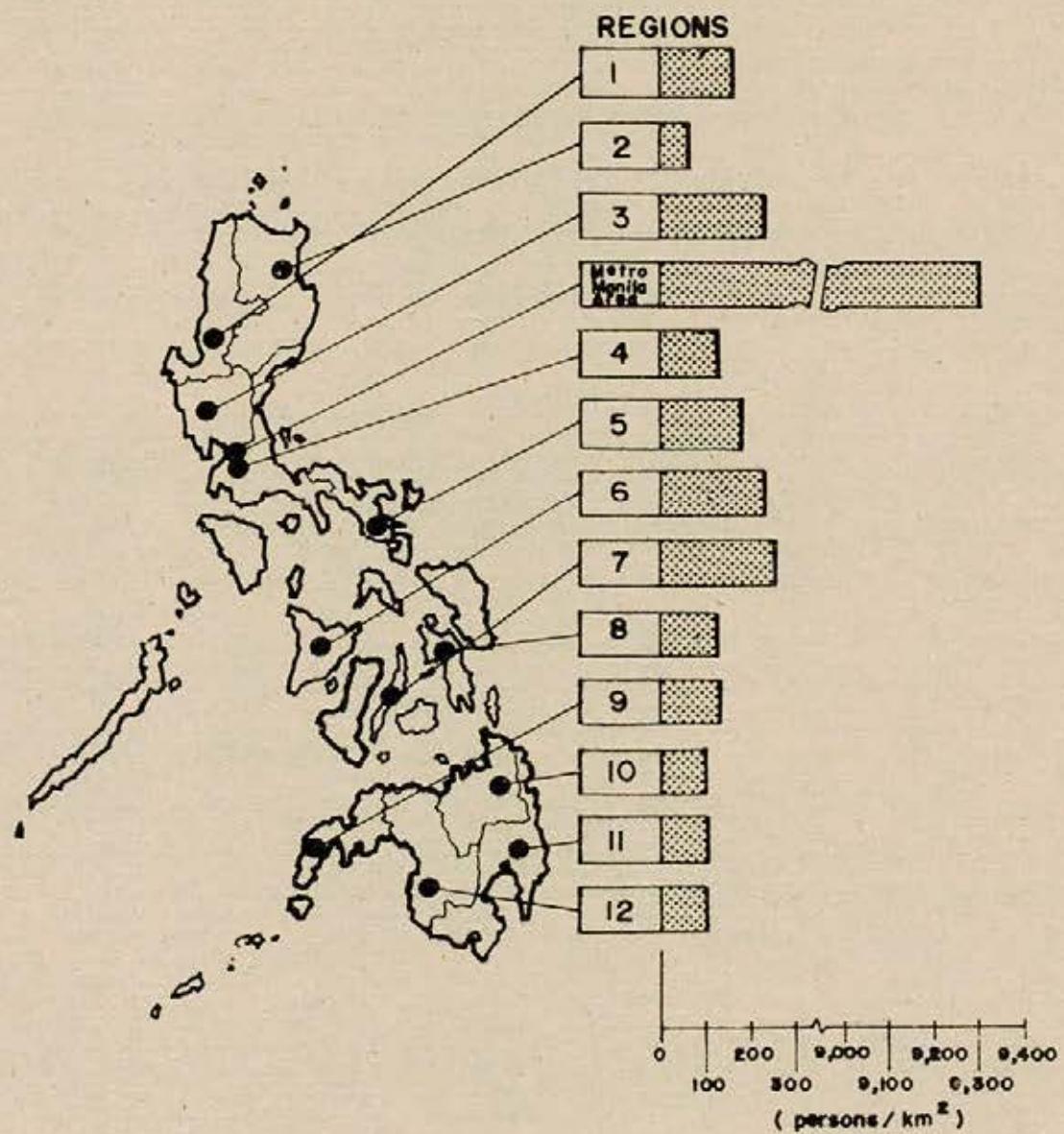


Table 1.6 - SEX RATIO OF THE POPULATION,

Region/Province	1960			1970		
	Male	Female	Males per 100 females	Male	Female	
Philippines	13,661,869	13,424,816	101.8	18,250,351	18,434,135	
Metropolitan Manila Area (National Capital Region)	1,194,015	1,268,473	94.1	1,921,912	2,044,783	
Region 1	1,285,648	1,308,249	98.3	1,470,633	1,519,928	
Region 2	525,857	508,893	103.3	853,783	837,676	
Region 3	1,263,869	1,261,510	100.2	1,790,117	1,825,379	
Region 4	1,559,013	1,522,214	102.4	2,222,196	2,234,812	
Region 5	1,207,138	1,155,569	104.5	1,495,394	1,471,487	
Region 6	1,545,946	1,532,359	100.9	1,778,857	1,839,469	
Region 7	1,246,044	1,276,758	97.6	1,486,370	1,546,349	
Region 8	1,034,249	1,006,717	102.7	1,199,078	1,182,331	
Region 9	697,571	653,160	106.8	932,555	936,459	
Region 10	747,093	715,268	104.4	984,587	968,148	
Region 11	468,994	424,029	110.6	1,124,933	1,075,793	
Region 12	886,432	791,617	112.0	989,936	951,521	

Source: National Census and Statistics Office.

## BY REGION: CENSUS YEARS 1960 to 1980

	1975			1980			
Males per 100 females	Male	Female	Males per 100 females	Male	Female	Males per 100 females	
99.0	21,276,224	20,794,436	102.3	24,128,755	23,969,705	100.7	
94.0	2,430,213	2,539,793	95.7	2,855,712	3,070,172	93.0	
96.8	1,636,953	1,632,438	100.3	1,760,119	1,780,774	98.8	
101.9	990,757	942,420	105.1	1,128,854	1,086,668	103.9	
98.1	2,125,706	2,084,430	102.0	2,406,886	2,395,907	100.5	
99.4	2,651,509	2,562,334	103.5	3,095,075	3,023,545	102.4	
101.6	1,631,505	1,562,216	104.4	1,765,624	1,711,358	103.2	
96.7	2,089,470	2,056,920	101.6	2,265,780	2,259,835	100.3	
96.1	1,694,131	1,693,143	100.1	1,882,242	1,905,132	98.8	
101.4	1,328,481	1,271,247	104.5	1,423,846	1,375,688	103.5	
99.6	1,046,853	1,001,029	104.6	1,281,439	1,247,067	102.8	
101.7	1,184,262	1,129,943	104.8	1,402,083	1,356,902	103.3	
104.6	1,401,075	1,313,483	106.7	1,712,175	1,634,628	104.7	
104.0	1,065,309	1,005,040	106.0	1,148,920	1,122,029	102.4	

Table 1.7a - 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	48,316	24,232	24,084	5,970	2,872	3,098
1981	49,531	24,841	24,690	6,155	2,957	3,198
1982	50,757	25,461	25,296	6,343	3,045	3,298
1983	51,992	26,084	25,908	6,534	3,134	3,400
1984	53,294	26,717	26,577	6,728	3,225	3,503
1985	54,488	27,344	27,144	6,924	3,316	3,608
1986	55,737	27,978	27,759	7,120	3,409	3,711
1987	56,985	28,607	28,378	7,316	3,501	3,815
1988	58,224	29,232	28,992	7,510	3,592	3,918
1989	59,453	29,852	29,601	7,702	3,682	4,020
1990	60,670	30,469	30,201	7,891	3,771	4,120

BY SEX AND BY REGION: 1980 TO 1990  
 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	1,163	1,120
3,681	1,834	1,847	2,339	1,192	1,147
3,750	1,870	1,880	2,396	1,221	1,175
3,820	1,906	1,914	2,454	1,251	1,203
3,890	1,943	1,947	2,512	1,280	1,232
3,960	1,979	1,981	2,571	1,311	1,260
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	2,082	2,747	1,401	1,346
4,236	2,122	2,114	2,806	1,431	1,375

Table 1.7a - 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	2,409	6,155	3,113	3,042
1981	4,946	2,478	2,468	6,333	3,203	3,130
1982	5,067	2,540	2,527	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	3,482	3,397
1985	5,439	2,727	2,712	7,065	3,577	3,488
1986	5,565	2,791	2,774	7,251	3,673	3,578
1987	5,691	2,854	2,837	7,437	3,768	3,669
1988	5,816	2,917	2,899	7,623	3,863	3,760
1989	5,941	2,980	2,961	7,808	3,958	3,850
1990	6,065	3,043	3,022	7,992	4,052	3,940

BY SEX AND BY REGION: 1980 TO 1990 (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	1,927	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	2,426	4,027	2,009	2,018
3,823	1,943	1,880	4,967	2,489	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	2,164
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	2,249	2,236
4,323	2,199	2,124	5,588	2,803	2,785	4,558	2,288	2,270

Table 1.7a - POPULATION PROJECTIONS FOR THE PHILIPPINES,  
 (Low Assumption - Rapid 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	1,291	1,256
1981	2,857	1,454	1,403	2,608	1,321	1,287
1982	2,908	1,481	1,427	2,669	1,352	1,317
1983	2,960	1,509	1,451	2,730	1,383	1,347
1984	3,012	1,537	1,475	2,792	1,415	1,377
1985	3,063	1,564	1,499	2,853	1,445	1,408
1986	3,114	1,591	1,523	2,913	1,476	1,437
1987	3,165	1,618	1,547	2,974	1,507	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	1,618	3,150	1,595	1,555

BY SEX AND BY REGION: 1980 TO 1990 (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	1,768	1,690	2,340	1,183	1,157
2,929	1,489	1,440	3,549	1,814	1,735	2,401	1,214	1,187
3,008	1,529	1,479	3,640	1,860	1,780	2,463	1,245	1,218
3,142	1,571	1,571	3,732	1,907	1,825	2,526	1,277	1,249
3,168	1,612	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	1,312
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	2,137	2,049	2,840	1,435	1,405
3,567	1,818	1,749	4,275	2,182	2,093	2,902	1,466	1,436

Table 1.7b - 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	48,316	24,231	24,085	5,970	2,872	3,098
1981	49,534	24,844	24,690	6,155	2,957	3,198
1982	50,780	25,473	25,307	6,343	3,045	3,298
1983	52,055	26,116	25,939	6,540	3,137	3,403
1984	53,347	26,771	26,576	6,739	3,230	3,509
1985	54,667	27,438	27,229	6,942	3,326	3,616
1986	56,002	28,110	27,892	7,147	3,422	3,725
1987	57,357	28,795	28,562	7,354	3,520	3,834
1988	58,723	29,487	29,236	7,561	3,618	3,943
1989	59,906	30,182	29,724	7,768	3,716	4,052
1990	61,483	30,883	30,600	7,974	3,814	4,160

BY SEX AND BY REGION: 1980 TO 1990  
 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	1,163	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
3,824	1,910	1,914	2,459	1,253	1,206
3,903	1,949	1,954	2,521	1,285	1,236
3,978	1,988	1,990	2,584	1,317	1,267
4,056	2,028	2,028	2,648	1,350	1,298
4,134	2,069	2,065	2,713	1,383	1,330
4,212	2,109	2,103	2,778	1,417	1,361
4,292	2,150	2,142	2,845	1,451	1,394

Table 1.7b - 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	3,113	3,042
1981	4,947	2,479	2,468	6,333	3,203	3,130
1982	5,070	2,541	2,529	6,516	3,297	3,219
1983	5,196	2,605	2,591	6,703	3,392	3,311
1984	5,324	2,669	2,655	6,894	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	2,854	7,490	3,794	3,696
1988	5,863	2,941	2,922	7,692	3,898	3,794
1989	6,002	3,012	2,990	7,797	4,003	3,794
1990	6,142	3,082	3,060	8,104	4,109	3,995

BY SEX AND BY REGION: 1980 TO 1990 (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	4,755	2,381	2,374	3,951	1,969	1,982
3,744	1,902	1,842	4,866	2,438	2,428	4,031	2,011	2,020
3,833	1,948	1,885	4,978	2,494	2,484	4,113	2,054	2,059
3,921	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	2,140	2,138
4,104	2,087	2,017	5,323	2,669	2,654	4,362	2,185	2,177
4,198	2,135	2,063	5,439	2,727	2,712	4,447	2,229	2,218
4,293	2,184	2,109	5,466	2,787	2,679	4,531	2,273	2,258
4,389	2,233	2,156	5,672	2,845	2,827	4,616	2,318	2,298

Table 1.7b - 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	1,257
1981	2,857	1,454	1,403	2,608	1,321	1,287
1982	2,909	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	3,128	1,598	1,530	2,928	1,483	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	1,689	1,612	3,128	1,585	1,543
1990	3,361	1,721	1,640	3,195	1,618	1,577

Source: National Census and Statistics Office.

BY SEX AND BY REGION: 1980 TO 1990 (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	1,815	1,736	2,403	1,215	1,188
3,012	1,531	1,481	3,645	1,863	1,782	2,467	1,247	1,220
3,095	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	2,943	1,487	1,456

Table 1.7c - 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	24,231	24,085	5,970	2,872	3,098
1981	49,539	24,848	24,691	6,156	2,958	3,198
1982	50,796	25,482	25,314	6,347	3,047	3,300
1983	52,087	26,134	25,953	6,543	3,138	3,405
1984	53,318	26,800	26,518	6,745	3,233	3,512
1985	54,761	27,484	27,277	6,952	3,331	3,621
1986	56,140	28,183	27,957	7,161	3,430	3,731
1987	57,545	28,893	28,652	7,373	3,530	3,843
1988	58,917	29,619	29,298	7,587	3,632	3,955
1989	60,426	30,351	30,075	7,802	3,734	4,068
1990	61,902	31,092	30,810	8,016	3,835	4,181

BY SEX AND BY REGION: 1980 TO 1990  
 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	1,835	1,848	2,341	1,192	1,149
3,757	1,874	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	1,390	1,335
4,236	2,121	2,115	2,794	1,425	1,369
4,330	2,165	2,165	2,864	1,461	1,403

Table 1.7c - 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	3,113	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	5,240	2,672	2,568	6,902	3,494	3,408
1985	5,465	2,741	2,724	7,102	3,596	3,506
1986	5,603	2,810	2,793	7,306	3,701	3,605
1987	5,743	2,881	2,862	7,515	3,808	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

BY SEX AND BY REGION: 1980 TO 1990 (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	1,759	4,646	2,327	2,319	3,873	1,928	1,945
3,659	1,859	1,800	4,756	2,382	2,374	3,952	1,969	1,983
3,747	1,904	1,843	4,869	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	2,101	2,101
4,023	2,046	1,977	5,221	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	2,145	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	4,554	2,285	2,269
4,421	2,249	2,172	5,715	2,868	2,847	4,645	2,332	2,313

Table 1.7c - 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	1,257
1981	2,857	1,454	1,403	2,608	1,321	1,287
1982	2,911	1,483	1,428	2,672	1,354	1,318
1983	2,965	1,512	1,453	2,736	1,386	1,350
1984	3,021	1,541	1,480	2,801	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	1,448
1987	3,195	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	1,651	3,218	1,630	1,588

Source: National Census and Statistics Office.

BY SEX AND BY REGION: 1980 TO 1990 (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	3,552	1,816	1,736	2,403	1,215	1,188
3,014	1,533	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	2,534	1,281	1,253
3,184	1,620	1,564	3,843	1,963	1,880	2,602	1,315	1,287
3,272	1,665	1,607	3,944	2,014	1,930	2,672	1,351	1,321
3,361	1,711	1,650	4,046	2,066	1,980	2,742	1,386	1,356
3,453	1,759	1,694	4,151	2,119	2,032	2,755	1,423	1,332
3,545	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

Table 1.8 - INTER-REGIONAL MIGRANTS

Region of destination	Region					
	All regions of origin			Metropolitan Manila Area (National Capital Region)		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions of destination	1,148,297	532,378	615,899	204,778	100,271	104,507
Metropolitan Manila Area (National Capital Region)	378,878	151,291	227,587	-	-	-
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
Region 3	101,844	46,611	55,233	42,388	20,530	21,858
Region 4	183,077	90,133	92,944	90,817	45,283	45,534
Region 5	36,939	18,384	18,555	15,957	7,621	8,336
Region 6	33,523	16,347	17,176	11,128	5,183	5,945
Region 7	51,757	24,964	26,793	6,181	2,974	3,207
Region 8	27,605	13,624	13,981	9,560	4,501	5,059
Region 9	28,141	14,690	13,451	1,213	635	578
Region 10	92,323	47,675	44,648	3,990	1,991	1,999
Region 11	89,017	45,952	43,065	4,383	2,282	2,101
Region 12	56,326	28,615	27,711	1,833	930	903

## IN THE PHILIPPINES, BY SEX: 1975-1980

of origin

	1		2		
Both Sexes	Male	Female	Both Sexes	Male	Female
87,578	40,222	47,356	36,208	15,306	20,902
=====	=====	=====	=====	=====	=====
42,682	17,246	25,436	16,002	5,707	10,295
0	-	-	6,567	2,998	3,569
13,004	6,978	6,026	0	-	-
12,937	5,865	7,072	3,908	1,753	2,155
9,400	5,012	4,388	3,596	1,659	1,937
1,195	531	664	568	288	280
779	422	357	465	217	248
975	558	417	1,079	540	539
477	260	217	255	107	148
588	297	291	726	392	334
1,333	739	594	1,049	540	509
2,002	1,069	933	1,287	728	559
2,206	1,245	961	706	377	329

Table 1.8 - INTER-REGIONAL MIGRANTS

Region of destination	Region					
	3			4		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions of destination	92,255	43,902	48,353	114,683	51,002	63,681
Metropolitan Manila Area (National Capital Region)	51,246	22,846	28,400	75,386	31,429	43,957
Region 1	6,761	3,136	3,625	3,597	1,759	1,838
Region 2	8,418	4,629	3,789	2,093	1,135	958
Region 3	0	-	-	13,664	6,240	7,424
Region 4	16,001	8,155	7,846	0	-	-
Region 5	3,284	1,801	1,483	9,648	4,984	4,664
Region 6	1,436	754	682	3,154	1,583	1,571
Region 7	721	318	403	1,765	1,027	738
Region 8	839	372	467	1,547	806	741
Region 9	499	262	237	432	204	228
Region 10	929	519	410	1,171	668	503
Region 11	1,051	526	525	1,477	721	756
Region 12	1,070	584	486	749	446	303

## IN THE PHILIPPINES, BY SEX: 1975-1980 (Continued)

of origin

	5		6		
Both Sexes	Male	Female	Both Sexes	Male	Female
99,285	43,172	56,113	105,536	46,088	59,448
=====	=====	=====	=====	=====	=====
51,573	20,457	31,116	44,158	15,205	28,953
1,156	404	752	867	400	467
1,317	640	677	826	431	395
8,708	3,710	4,998	4,509	1,827	2,682
27,772	13,619	14,153	11,370	5,296	6,074
0	-	-	1,009	519	490
1,544	731	813	0	-	-
2,261	1,060	1,201	7,730	3,752	3,978
1,403	682	721	785	387	398
313	190	123	3,139	1,690	1,449
1,639	841	798	8,485	4,634	3,851
1,121	604	517	12,248	6,455	5,793
478	234	244	10,410	5,492	4,918

Table 1.8 - INTER-REGIONAL MIGRANTS

Region of destination	Region					
	7			8		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions of destination	114,987	54,165	60,822	98,489	42,272	56,217
Metropolitan Manila Area (National Capital Region)	22,990	8,299	14,691	48,999	18,805	30,194
Region 1	871	348	523	936	308	628
Region 2	548	252	296	673	363	310
Region 3	3,506	1,470	2,036	8,162	3,327	4,835
Region 4	5,706	2,663	3,043	10,790	4,907	5,883
Region 5	1,773	870	903	1,846	906	940
Region 6	7,391	3,615	3,776	857	490	367
Region 7	0	-	-	7,215	3,045	4,170
Region 8	6,005	2,996	3,009	0	-	-
Region 9	8,943	4,553	4,390	869	401	468
Region 10	24,978	12,690	12,288	8,439	4,529	3,910
Region 11	23,791	12,250	11,541	8,565	4,630	3,935
Region 12	8,485	4,159	4,326	1,138	561	577

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

## of origin

	9		10		
Both Sexes	Male	Female	Both Sexes	Male	Female
37,205	18,530	18,675	56,621	27,037	29,584
=====	=====	=====	=====	=====	=====
4,933	2,247	2,686	6,944	2,632	4,312
538	282	256	581	273	308
317	167	150	484	259	225
813	399	414	1,423	665	758
1,914	914	1,000	2,134	924	1,192
326	151	175	472	264	208
979	486	493	1,339	682	657
4,148	1,936	2,212	8,639	4,116	4,523
564	296	268	2,499	1,228	1,271
0	-	-	6,658	3,518	3,140
10,951	5,586	5,365	0	-	-
5,718	2,916	2,802	15,127	7,490	7,637
6,004	3,150	2,854	10,339	4,986	5,353

Table 1.8 - INTER-REGIONAL MIGRANTS IN THE PHILIPPINES,  
BY SEX: 1975-1980 (Continued)

Region of destination	Region of Origin					
	11			12		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All regions of destination	62,080	30,735	31,345	38,572	19,676	18,896
Metropolitan Manila Area (National Capital Region)	8,612	3,698	4,914	5,353	2,720	2,633
Region 1	748	332	416	519	283	236
Region 2	481	255	226	217	119	98
Region 3	1,191	549	642	635	276	359
Region 4	2,404	1,111	1,293	1,191	590	601
Region 5	604	275	329	257	174	83
Region 6	2,943	1,439	1,504	1,508	745	763
Region 7	8,721	4,480	4,241	2,322	1,158	1,164
Region 8	2,999	1,564	1,435	672	425	247
Region 9	2,278	1,251	1,027	2,483	1,297	1,186
Region 10	18,191	9,330	8,861	11,168	5,608	5,560
Region 11	0	-	-	12,247	6,281	5,966
Region 12	12,908	6,451	6,457	0	-	-

Figure 1.3  
POPULATION BY AGE AND SEX, URBAN AND RURAL: 1 MAY 1980

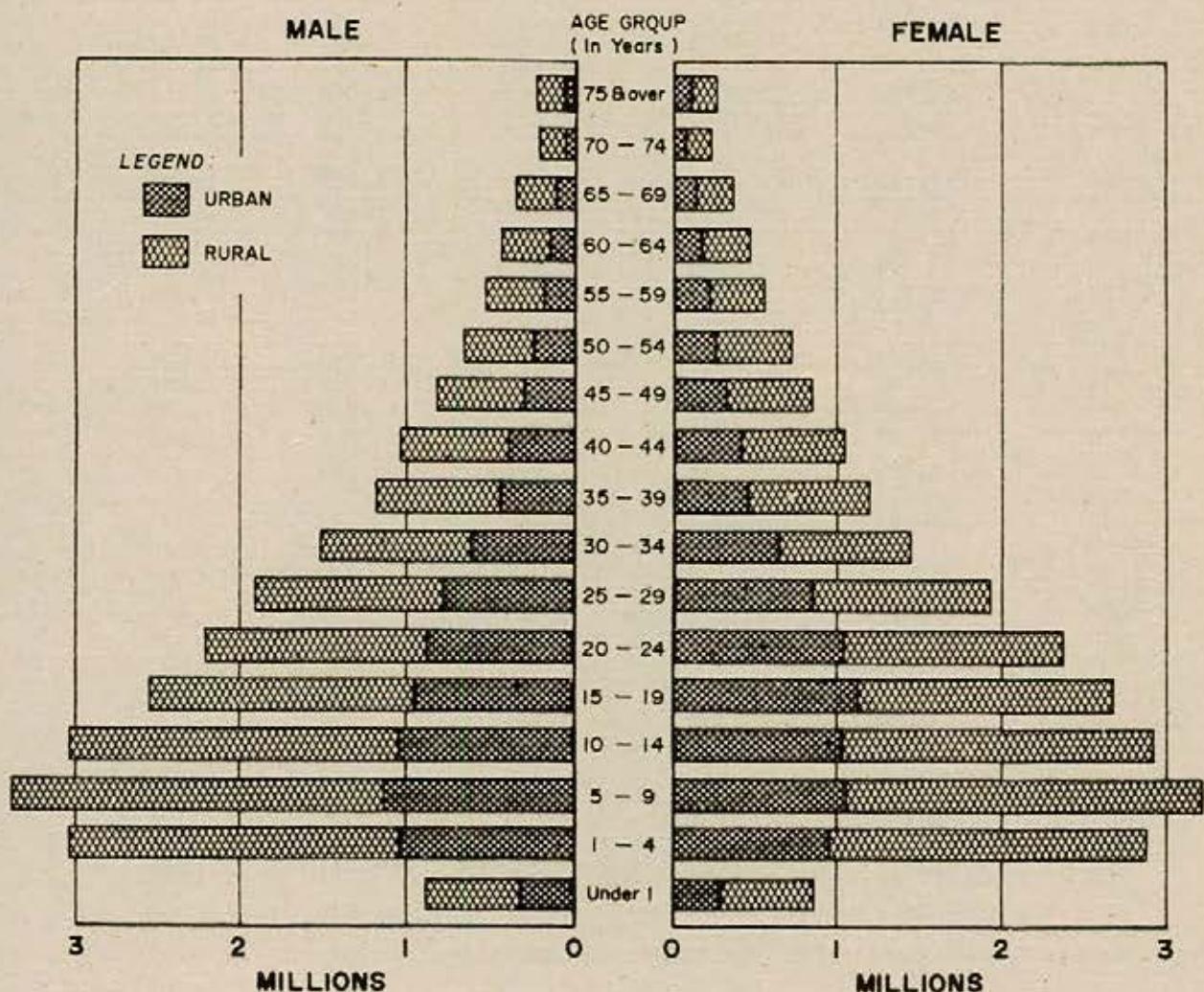


Table 1.9 - REGISTERED ALIENS

Year	Total	Nationality			
		Chinese	American	Spanish	Hindu
1962	145,829	131,291	7,722	1,600	1,423
1963	135,939	120,027	8,170	1,752	1,404
1964	132,852	117,630	8,049	1,468	1,311
1965	141,586	126,051	8,976	1,404	1,427
1966	131,758	115,501	9,240	1,447	1,487
1967	144,194	126,641	10,067	1,495	1,640
1968	127,659	110,701	10,364	1,292	1,531
1969	134,377	117,864	10,165	1,047	1,512
1970	110,226	94,963	9,554	1,114	1,392
1971	111,811	96,090	9,951	904	1,333
1972	113,243	98,306	9,377	779	1,364
1973	132,608	114,185	11,132	1,020	1,556
1974	122,435	105,453	9,947	780	1,469
1975	108,860	90,401	11,601	757	1,482
1976	104,493	83,144	15,084	583	1,383
1977	82,912	68,195	9,409	484	1,062
1978	62,401	50,306	8,353	295	882
1979	57,380	45,591	8,145	315	875
1980	56,857	46,419	6,636	270	809
1981	52,008	39,233	7,823	369	832
1982	32,853	24,826	5,203	232	649
1983	32,383	24,509	5,144	250	738
1984	31,627	23,796	4,916	219	657
1985	10,298	2,466	2,831	44	781
1986	6,759	1,643	1,772	27	568

Source: Commission on Immigration and Deportation.

## BY NATIONALITY: 1962 to 1986

Nationality				
British	German	Belgian	Mixed nationalities	Stateless
724	540	331	2,143	55
612	526	377	3,013	58
571	511	344	2,917	51
647	536	226	2,261	58
653	526	331	2,502	71
643	580	312	2,770	46
678	512	328	2,213	40
676	517	346	2,216	34
499	462	274	1,939	29
595	487	289	2,135	27
528	462	307	2,094	26
933	531	299	2,907	45
843	441	277	3,191	34
975	417	243	2,932	52
1,160	347	187	2,573	32
874	282	172	2,421	13
745	197	150	1,471	2
681	197	132	1,442	2
789	191	93	1,644	6
1,421	264	98	1,960	8
685	100	63	1,095	0
522	75	49	1,096	0
432	60	52	1,495	0
384	228	14	3,543	7
249	103	17	2,378	2

Table 1.10 - NUMBER OF OCCUPIED DWELLING  
 (Figures are estimates based

Characteristic	Philippines	Percent
By year built:	8,500,826	100.00
	=====	=====
1976 - 1980	3,297,966	38.80
1971 - 1975	1,912,002	22.49
1961 - 1970	1,831,454	21.54
1951 - 1960	902,474	10.62
1942 - 1950	336,640	3.96
1941 or earlier	220,290	2.59
By type of material of roof:	8,500,826	100.00
	=====	=====
Galvanized iron	4,431,327	52.13
Tile/concrete/brick/stone	41,682	0.49
Asbestos	30,866	0.36
Cogon/nipa	3,623,619	42.63
Makeshift/salvaged materials	94,083	1.11
Other (anahaw, etc.)	279,249	3.28
By type of materials of outer walls:	8,500,826	100.00
	=====	=====
Galvanized iron/aluminum	85,442	1.01
Tile/concrete/brick/stone	485,244	5.71
Wood/plywood	2,954,537	34.76
Mixed tile/concrete/brick/stone and wood/plywood	1,486,998	17.49
Asbestos	7,527	0.09
Bamboo/sawali	2,115,710	24.89
Makeshift/salvaged materials	92,002	1.08
Cogon/nipa	1,071,154	12.60
Other (anahaw, etc.)	202,212	2.38

Source: National Census and Statistics Office.

UNITS: MAY 1980 CENSUS  
on the 20 percent sample)

Characteristic	Philippines	Percent
By floor area :	8,500,826	100.00
Less than 30 sq m	4,789,732	56.34
30 - 49 sq m	2,284,313	26.87
50 - 69 sq m	652,918	7.68
70 - 99 sq m	381,809	4.49
100 - 149 sq m	206,456	2.43
150 - 199 sq m	80,723	0.95
200 - 249 sq m	45,328	0.53
250 - 299 sq m	24,135	0.28
300 sq m and over	35,412	0.42
By type of building:	8,500,826	100.00
Single house	7,911,102	93.06
Duplex	144,024	1.69
Apartment/accessoria/condominium/ row house/etc.	320,569	3.77
Improvised (Barong-Barong)	84,131	0.99
Commercial/industrial/agri- cultural	37,779	0.44
Other housing unit: natural shel- ter, boat, etc.	803	0.01
Hotel, lodging house, dormi- tory, etc.	926	0.01
Institutional (hospital, convent, school, dormitory, etc.)	578	0.01
Other collective living quarters (Military camp, etc.)	914	0.01

Table 1.11 - NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS:  
 MAY 1980 CENSUS  
 (Figures are estimates based on the 20 percent sample)

Characteristic	Number	Percent
By year built:	8,607,187	100.00
1976 - 1980	3,372,707	39.19
1971 - 1975	1,930,037	22.42
1961 - 1970	1,829,416	21.25
1951 - 1960	910,494	10.58
1941 - 1950	335,874	3.90
1942 - 1950	228,659	2.66
By kind of lighting:	8,607,187	100.00
Electricity	3,217,726	37.38
Kerosene	5,156,235	59.91
Liquified Petroleum Gas	166,423	1.93
Oil	10,279	0.12
Others	56,524	0.66
By type of toilet facilities:	8,607,187	100.00
Water-sealed sewer/septic tank, used exclusively by the household	1,748,039	20.31
Water-sealed sewer/septic tank, shared with other households	531,360	6.17
Water-sealed other depository, used exclusively by the household	1,360,239	15.80
Water-sealed other depository, shared with other households	549,207	6.38
Closed pit (antipolo, etc.)	1,440,154	16.73
Open pit	1,274,216	14.80
Other (pail system, etc.)	153,940	1.79
None	1,550,032	18.01
By kind of cooking fuel:	8,607,187	100.00
Electricity	297,169	3.45
Kerosene	956,710	11.12
Liquified Petroleum Gas	1,010,316	11.74
Wood, charcoal	6,214,661	72.20
Others	128,331	1.49

Table 1.11 - NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS:  
 MAY 1980 CENSUS (continued)  
 (Figures are estimates based on the 20 percent sample)

Characteristic	Number	Percent
By type of building:	8,607,187	100.00
Single house	7,822,708	90.89
Duplex	191,386	2.22
Apartment/accessoria/condominium/row house/etc.	345,866	4.02
Improvised (Barong-Barong)	191,097	2.22
Commercial/industrial/agricultural	45,718	0.53
Other housing unit: natural shelter, boat, etc.	3,983	0.05
Hotel, lodging house, dormitory, etc.	2,405	0.03
Institutional (hospital, convent, school, dormitory, etc.)	2,226	0.02
Other collective living quarters (Military camps, etc.)	1,798	0.02
By type of occupancy:	8,607,187	100.00
Owner	6,903,044	80.20
Tenant/lessee	1,023,216	11.88
Subtenant/sublessee	44,467	0.52
Rent free	636,460	7.40
By floor area:	8,607,187	100.00
Less than 30 sq m	4,779,107	55.52
30 - 49 sq m	2,319,526	26.95
50 - 69 sq m	650,948	7.56
70 - 99 sq m	389,166	4.52
100 - 149 sq m	235,635	2.74
150 - 199 sq m	102,347	1.19
200 - 245 sq m	53,860	0.63
250 - 299 sq m	32,078	0.37
300 sq m and over	44,520	0.52
By tenure of the owner-occupant with respect to the land:	6,903,044	100.00
Owner	4,297,542	62.26
Lessee or sublessee	758,803	10.99
Farm lessee/agricultural tenant of landowner	639,339	9.26
Other legal tenure	349,734	5.07
No tenure (squatter, etc.)	857,626	12.42
With Household appliances:		
Radio	5,615,794	
Television	1,391,941	
Refrigerator/freezer	1,114,408	

Source: National Census and Statistics Office.

Figure 1.4  
NUMBER OF OCCUPIED DWELLING UNITS IN THE PHILIPPINES  
BY TYPE OF BUILDING: 1 MAY 1980

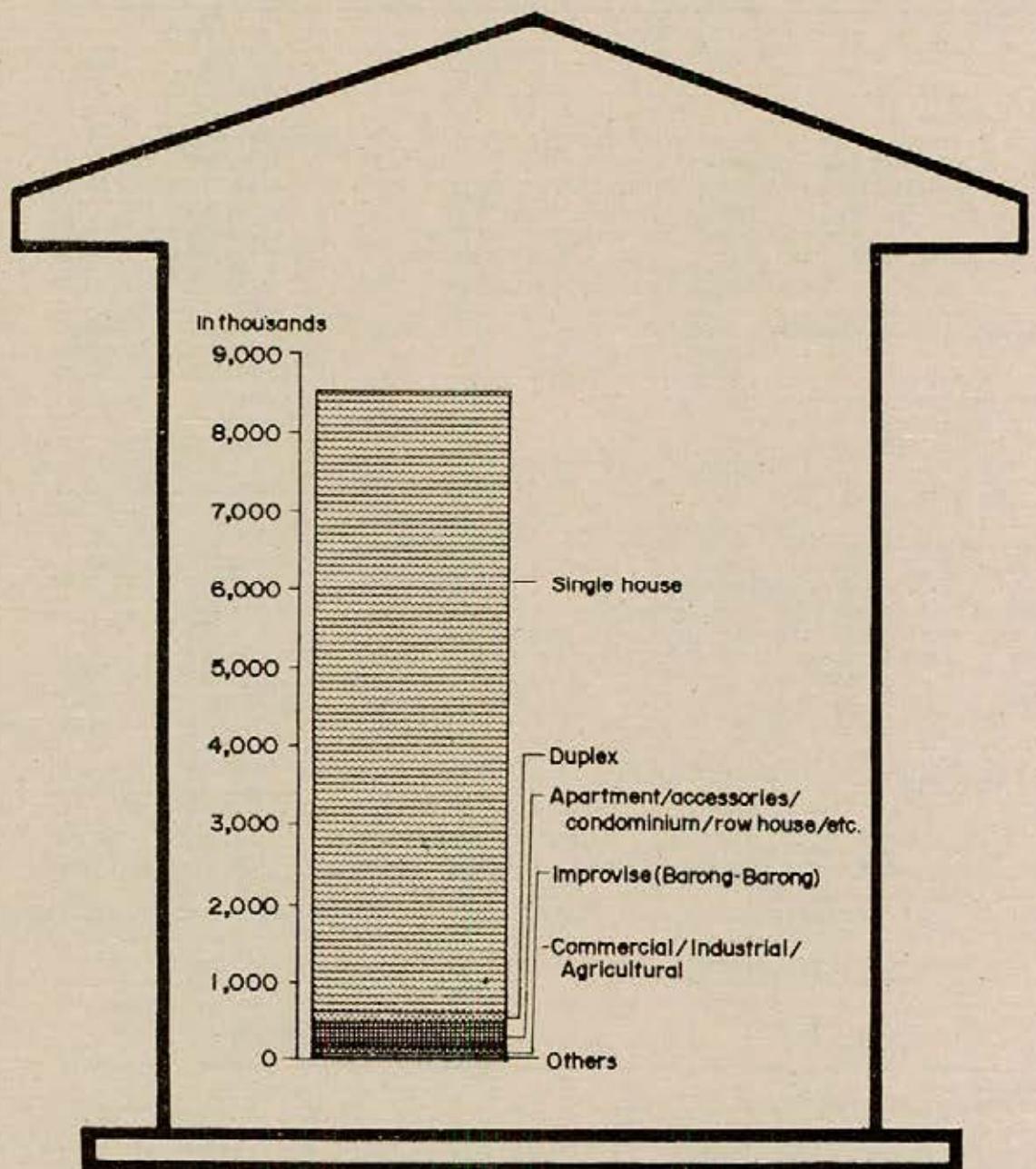
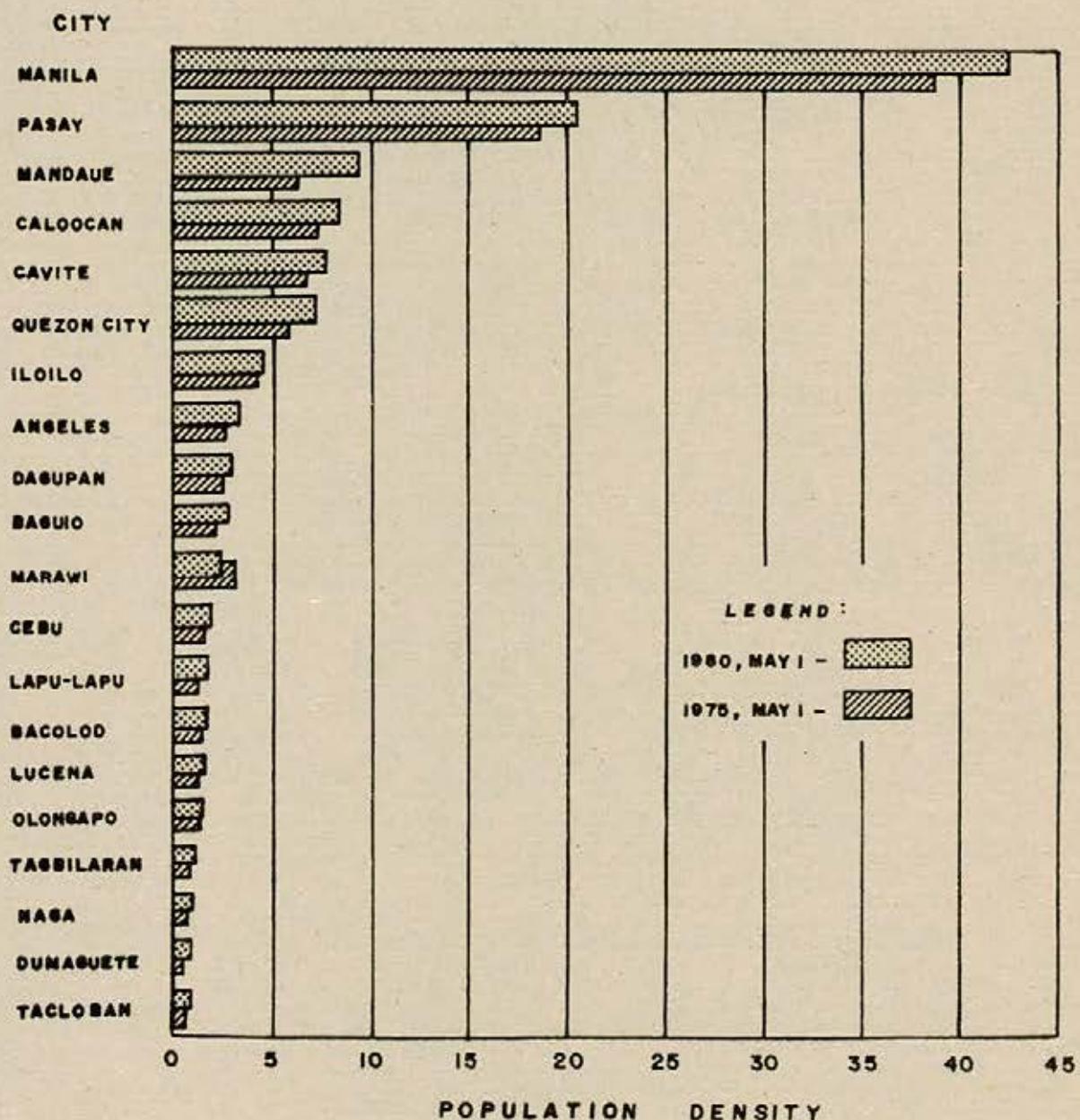


Figure 1.5  
 TWENTY MOST DENSELY POPULATED CITIES  
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## CHAPTER 2

### INCOME AND PRICES

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## CHAPTER 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 income and expenditure data reflected in this volume are the final results of the 1985 Family Income and Expenditures Survey (FIES) conducted by the National Census and Statistics Office (NCSO).

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. However, unlike the previous surveys where households were visited only once to gather one-year data, in the 1985 survey, the households were visited twice using the same questionnaire. The first visit was in July 1985 with the first half of the year as the reference period and the second visit was in January 1986 with July-December 1985 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 accrued 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; Housing; House maintenance and minor repairs; and Miscellaneous Expenditures.

Data on family income and expenditures for 1957, 1961, 1965, 1971 and 1985 are published in the NCSO 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 households covered during FIES varied through the years due to changes in concepts. While about 34% were classified as urban households in 1961, the 1965 and 1971 surveys had 30% and 31%, respectively. During the 1985 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.

Price statistics included in this chapter include the following series: (1) Consumer Price Indices 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, and (4) Producer Price Indices for Agricultural Products for the Philippines.

A series of index numbers is a simplified time series of data usually expressed as percentages, but could be any convenient number relative to a specified period called the base period. The value of the base period is taken as 100 when the data are reduced to percentages. Index numbers are convenient devices for measuring relative changes or differences from time to time or from place to place.

Price indices are intended to measure "pure" 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 (CPI) 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 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.

The Producer Price Index (PPI) for Agriculture is designed to provide a good indicator on the level of farmers' well-being, more commonly known as the agricultural terms of trade or parity index. It measures the monthly changes in prices at which the farmer gives off his farm products. The PPI series for agriculture uses 1978 as the base year and follows the Paasche 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 Economics (BAEcon), National Food Authority (NFA) and the NCSO. The NCSO computes the consumer, retail and wholesale price indices while the BAEcon is responsible for the computation of the producer price indices for agriculture.

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

1961				
Income class	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 ₱ 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	4,904	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: National Census and 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	3,726
3,126,075	1,025	2,617	2,959,432	1,131
3,766,459	2,784	1,922	5,528,099	2,876
1,827,529	4,835	791	3,836,318	4,850
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	17,108
		234	2,811,168	11,994
		71	1,220,236	17,092
		81	2,572,221	31,746
1,648			2,454	

Table 2.2 - TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURES BY INCOME CLASS, PHILIPPINES: 1985

Income class	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 ₱ 6,000	375	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 - 59,000	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	

Source: National Census and Statistics Office.

Table 2.3 - TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURES BY INCOME CLASS, URBAN AND RURAL: 1985

Income class	Total number	Income		Expenditures	
	of families (thousands)	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
<b>Urban</b>					
Total	3,726	171,869,677	46,127	145,815,208	39,134
Under ₱ 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 - 59,000	647	31,447,237	48,637	27,996,901	43,301
60,000 - 99,999	457	34,814,518	73,126	29,599,596	64,723
100,000 and over	286	53,625,363	187,278	37,612,306	131,355
<b>Rural</b>					
Total	6,121	133,905,597	21,875	118,736,647	19,397
Under ₱ 6,000	331	1,504,186	4,546	1,790,605	5,412
6,000 - 9,999	949	7,821,735	8,240	8,382,894	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 - 59,000	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

Source: National Census and Statistics Office.

Table 2.4 - TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURES BY REGION: 1985

Region	Total number of families (thousands)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
Philippines	9,847	305,775,274	31,052	264,551,855	26,865
National Capital Region	1,311	74,954,826	57,193	63,500,396	48,453
Ilocos Region	711	22,377,699	31,463	18,728,294	26,332
Cagayan Valley Region	462	12,680,175	27,441	10,629,120	23,002
Central Luzon Region	957	37,146,504	38,819	33,231,319	34,727
Southern Tagalog Region	1,304	39,091,743	29,985	34,495,376	26,459
Bicol Region	668	13,517,124	20,221	12,762,339	19,092
Western Visayas Region	882	21,868,339	24,807	19,667,570	22,310
Central Visayas Region	784	16,269,129	20,756	13,271,957	16,932
Eastern Visayas Region	567	10,082,939	17,767	9,014,336	15,884
Western Mindanao Region	495	11,766,401	23,779	9,627,054	19,456
Northern Mindanao Region	565	15,489,449	27,402	12,833,167	22,703
Southern Mindanao Region	705	19,909,406	28,222	16,978,834	24,068
Central Mindanao Region	436	10,621,541	24,366	9,812,092	22,509

Source: National Census and Statistics Office.

Table 2.5 - TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURES BY EXPENDITURE CLASS, PHILIPPINES: 1985

Expenditure class	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 ₱ 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 - 59,000	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

Source: National Census and Statistics Office.

Table 2.6 - TOTAL NUMBER OF FAMILIES, TOTAL AND AVERAGE FAMILY INCOME AND EXPENDITURES BY EXPENDITURE CLASS, URBAN AND RURAL: 1985

Expenditure class	Total number of families (thousands)	Income		Expenditures	
		Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
<b>Urban</b>					
Total	3,726	171,869,677	46,127	145,815,208	39,134
Under P 6,000	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 - 39,000	598	23,393,577	39,121	20,651,307	34,535
40,000 - 59,999	587	32,733,373	55,795	28,466,008	48,521
60,000 - 99,999	398	34,744,082	87,352	30,142,373	75,782
100,000 and over	187	40,160,200	214,949	30,263,161	161,977
<b>Rural</b>					
Total	6,121	133,905,597	21,875	118,736,647	19,397
Under P 6,000	358	1,998,709	5,585	1,622,827	4,535
6,000 - 9,999	1,032	9,702,989	9,407	8,443,921	8,186
10,000 - 14,999	1,571	21,770,273	13,853	19,553,062	12,442
15,000 - 19,999	1,144	22,011,504	19,241	19,720,557	17,238
20,000 - 29,999	1,115	30,111,020	27,001	27,086,140	24,288
30,000 - 39,000	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

Source: National Census and Statistics Office.

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

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

Source: National Census and Statistics Office.

Table 2.8 - PERCENTAGE DISTRIBUTION OF TOTAL FAMILY INCOME BY  
INCOME DECILE, PHILIPPINES: 1961, 1965, 1971 AND 1985

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

Source: National Census and Statistics Office.

Table 2.9 - PERCENTAGE DISTRIBUTION OF TOTAL FAMILY EXPENDITURES BY MAJOR EXPENDITURE GROUP, PHILIPPINES: 1961, 1965, 1971 AND 1985

Expenditure group	1961	1965	1971	1985
Total family expenditures (in thousand pesos)	7,934,063	14,748,076	28,430,424	264,551,855
Percent	100.0	100.0	100.0	100.0
Food	53.8	53.7	53.7	51.9
Food consumed at home	51.6	50.8	51.0	48.8
Cereals and cereal preparation	20.2	21.1	19.6	18.5
Fish and marine products	10.5	9.3	8.9	7.9
Meat, meat preparations, dairy products and eggs	7.9	8.4	9.7	10.3
Roots, tubers, fruits and vegetables	6.1	5.0	5.5	5.3
Miscellaneous	6.9	6.9	7.4	6.7
Food regularly consumed outside the home	2.3	2.9	2.7	3.1
Alcoholic beverages	1.7	1.6	1.7	1.1
Tobacco	4.2	3.2	3.3	2.3
Housing	8.3	9.1	9.4	12.5
Fuel, light and water	4.0	3.6	3.6	5.5
Household furnishings and equipment	2.1	2.0	2.3	1.9
Household operations	2.6	2.5	2.4	2.4
Clothing, footwear and other wear	7.0	6.5	6.2	3.6
Personal care and effects	2.3	2.5	2.2	2.1
Medical care	1.7	1.7	1.8	2.1
Transportation and communication	2.3	2.6	2.9	4.4
Recreation	1.8	1.8	1.8	0.4
Education	3.1	3.5	3.7	3.5
Gifts and contributions	0.9	0.9	0.6	1.0
Taxes	0.4	0.6	0.3	1.0
Special occasions	2.3	2.7	2.5	2.2
Other expenditures	1.4	1.5	1.5	1.8

Source: National Census and Statistics Office.

Table 2.10 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS  
IN THE PHILIPPINES: 1970 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1970	34.6	33.4	32.1	30.2	41.0	43.9	35.5
1971	39.8	40.1	35.3	36.8	44.3	44.6	36.8
1972	46.4	48.1	42.4	44.4	43.4	46.7	42.0
1973	53.9	55.4	48.6	57.0	47.4	53.8	48.4
1974	72.5	74.5	72.5	68.2	68.8	68.5	70.9
1975	77.5	78.5	79.5	71.0	75.4	76.6	80.0
1976	85.0	86.0	83.0	80.5	83.6	83.1	89.0
1977	93.4	94.4	91.6	91.4	89.7	92.3	94.1
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	117.5	115.6	117.9	118.3	127.6	121.1	119.1
1980	138.9	132.9	144.2	137.4	173.8	152.1	139.8
1981	157.1	149.8	162.0	154.7	211.5	171.2	153.3
1982	173.2	162.5	178.2	180.5	240.0	192.9	165.9
1983	190.5	176.5	194.5	200.3	281.6	216.8	180.6
1984	286.4	271.4	303.7	266.6	426.8	311.9	278.0
1985	352.6	332.0	387.3	334.3	548.3	366.0	345.6
1986	355.3	329.1	404.5	358.9	511.0	376.9	360.5
January	359.7	336.5	402.4	347.5	554.6	374.1	354.4
February	361.9	339.4	403.6	354.5	540.8	375.1	358.2
March	362.5	339.4	404.8	355.6	540.7	377.9	360.4
April	356.2	330.7	405.8	357.2	519.2	373.1	361.8
May	354.0	327.3	406.3	357.7	517.5	373.0	359.4
June	351.4	323.3	406.9	358.7	496.3	377.3	360.9
July	351.2	322.9	404.2	360.9	493.2	378.6	362.0
August	351.3	323.4	403.1	360.8	494.0	378.2	361.1
September	351.8	323.8	403.2	362.9	493.4	378.5	361.2
October	352.9	326.0	402.9	363.6	489.9	378.4	361.6
November	354.6	328.3	403.4	363.8	493.7	378.6	362.5
December	355.6	328.5	407.4	364.0	499.1	380.0	363.0
1987							
January	357.8	331.7	408.6	364.8	499.5	381.4	363.9
February	359.8	333.6	409.1	368.5	505.7	382.3	364.8
March	360.1	333.3	409.8	371.5	505.8	382.6	365.8
April	359.7	331.8	411.3	372.5	507.5	383.2	366.8
May	363.0	336.7	412.1	374.3	508.9	385.7	367.8
June	367.5	342.1	414.7	376.7	513.3	388.1	369.8

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

Figure 2.1  
CONSUMER PRICE INDEX FOR ALL INCOME  
HOUSEHOLDS IN THE PHILIPPINES: 1980 to 1987  
(1978 = 100)

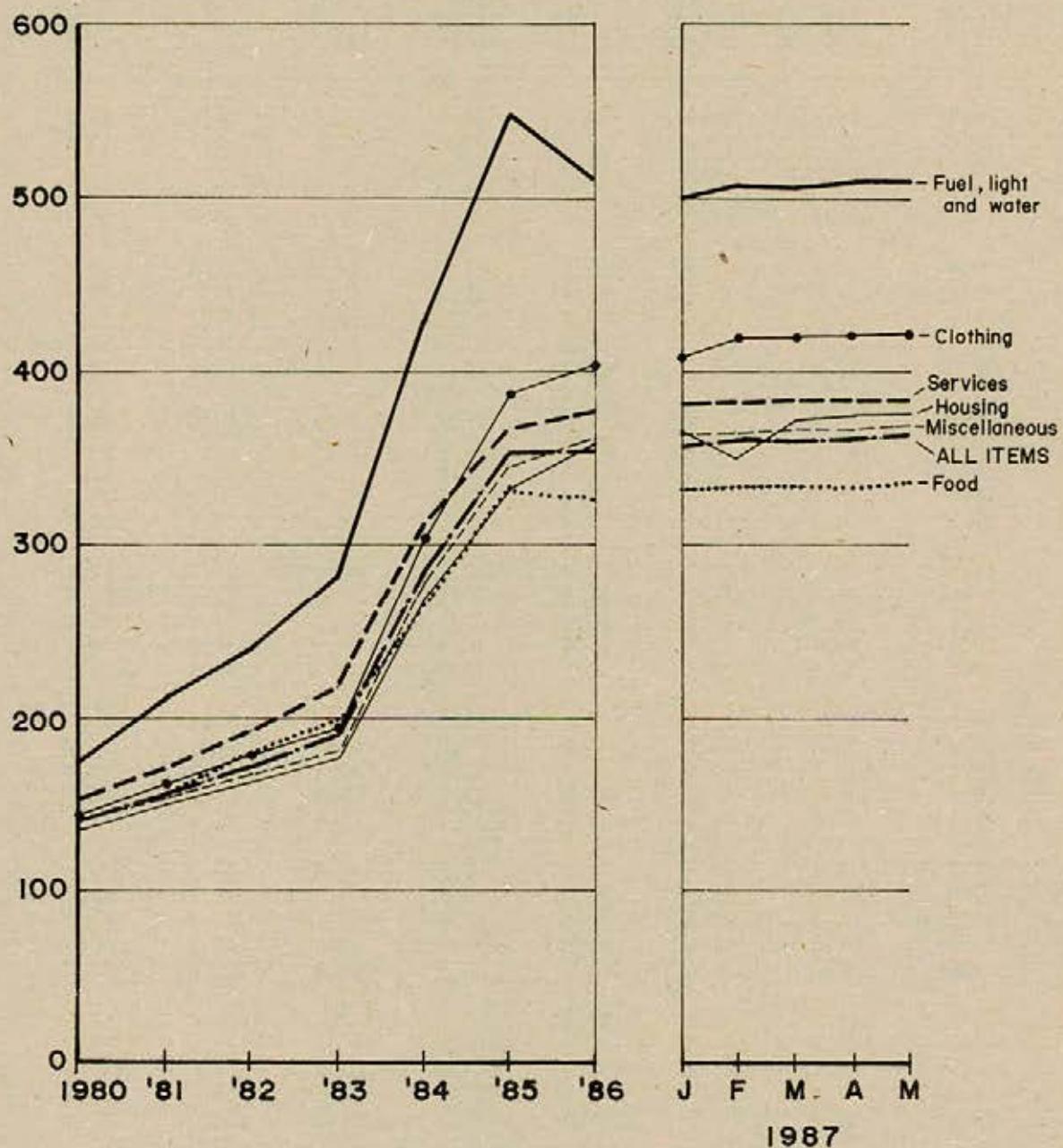


Table 2.11 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
METROPOLITAN MANILA AREA (NATIONAL CAPITAL REGION): 1949 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
1949	20.8	15.8	14.2	34.8	27.7	24.6	19.3
1950	21.5	15.6	17.6	34.6	27.6	27.1	21.4
1951	23.5	18.8	22.9	34.4	28.1	27.3	21.9
1952	22.0	17.2	18.0	32.4	27.7	27.6	20.7
1953	21.2	16.0	17.0	31.7	26.0	27.8	20.7
1954	20.8	15.6	16.1	31.5	24.3	27.8	20.7
1955	20.6	15.6	15.6	31.2	23.4	27.8	20.6
1956	22.0	16.6	17.5	31.7	23.5	31.3	22.2
1957	22.3	17.3	18.5	31.9	23.9	29.7	23.3
1958	23.0	18.5	19.2	32.4	25.0	28.7	24.2
1959	22.8	17.7	19.8	32.4	25.6	28.6	25.2
1960	23.8	19.1	21.3	33.2	25.4	29.0	25.8
1961	24.2	19.4	21.3	33.8	26.0	29.5	25.5
1962	25.4	21.0	23.1	34.8	26.6	29.9	27.0
1963	26.8	23.1	22.8	36.2	27.3	30.3	28.1
1964	28.9	26.2	23.8	37.1	30.3	31.3	28.8
1965	29.6	26.6	24.4	38.2	33.2	32.1	29.4
1966	30.5	28.4	24.1	39.0	33.4	31.8	29.2
1967	32.4	30.7	25.4	40.4	33.6	34.1	30.6
1968	33.3	30.6	26.0	42.9	33.8	36.7	31.1
1969	33.8	31.1	26.2	43.9	33.7	37.4	31.9
1970	38.8	35.9	33.5	48.0	41.9	41.4	36.7
1971	41.4	40.5	30.3	42.7	55.2	45.4	40.0
1972	49.2	48.6	44.3	55.3	55.4	47.8	45.1
1973	57.0	54.2	53.6	68.5	61.9	56.1	53.5
1974	76.1	74.8	79.8	77.8	89.8	70.2	79.3
1975	82.3	80.2	86.7	83.5	91.5	78.2	89.8
1976	86.7	85.4	86.3	87.6	96.1	83.4	93.1
1977	93.5	93.2	91.5	94.0	97.9	92.3	96.3
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	119.3	118.8	114.8	114.5	127.7	125.6	118.6
1980	141.5	136.9	142.5	125.6	177.6	161.0	138.2
1981	158.7	153.8	154.3	140.0	205.4	184.6	149.6
1982	176.2	165.9	179.0	163.9	229.6	208.3	163.1
1983	195.3	179.8	206.0	191.9	261.9	224.7	185.6

Table 2.11 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN METROPOLITAN  
MANILA AREA (NATIONAL CAPITAL REGION): 1949 TO 1987 (continued)  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1984	291.5	279.9	328.8	253.6	394.8	309.7	296.5
1985	351.9	329.0	407.0	317.9	556.5	361.3	351.2
1986	370.5	342.4	433.5	362.1	554.1	375.3	365.6
January	368.9	343.6	427.3	338.7	604.2	373.5	362.1
February	369.5	341.9	428.0	352.0	587.5	371.8	367.5
March	371.0	342.0	430.0	355.1	596.8	372.4	369.6
April	367.3	337.4	429.8	358.8	569.2	368.2	370.1
May	366.3	335.8	430.0	361.1	565.9	368.5	364.4
June	365.6	333.2	431.9	362.9	541.5	377.8	363.2
July	368.8	338.5	433.2	366.8	538.5	377.8	364.0
August	370.1	341.7	434.2	367.2	530.7	377.7	364.3
September	371.0	343.5	434.0	368.4	528.2	377.7	364.3
October	373.6	347.8	434.3	371.4	526.9	377.9	364.7
November	375.1	350.6	435.7	371.4	527.8	377.4	366.1
December	378.7	352.6	454.1	371.6	532.5	382.7	366.7
1987							
January	380.0	354.5	454.9	371.9	533.2	384.2	367.0
February	384.1	354.8	458.6	383.9	564.2	384.5	369.6
March	386.0	354.2	461.1	394.8	567.0	384.4	371.6
April	385.7	351.9	463.3	395.5	572.7	384.8	372.9
May	387.8	354.4	465.5	399.4	574.2	385.0	374.1
June	394.5	363.0	467.9	404.7	583.0	390.8	376.4

Sources of basic data: 1949-June 1970: Central Bank of the Philippines;  
July 1970-Present: National Census and Statistics Office, Bureau of  
Agricultural Economics, National Food Authority and other reporting  
private establishments.

Table 2.12 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN AREAS  
OUTSIDE METROPOLITAN MANILA AREA: 1970 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1970	34.1	33.4	31.9	24.5	37.4	44.6	37.8
1971	39.8	40.1	35.1	35.6	42.7	44.4	39.2
1972	46.0	48.0	42.2	41.4	41.7	46.4	41.5
1973	53.3	55.6	47.5	53.3	44.7	53.1	47.4
1974	71.8	74.4	71.0	65.2	64.9	68.0	69.2
1975	76.6	78.2	78.0	67.2	72.4	76.2	78.0
1976	84.7	86.1	82.4	78.3	81.3	83.0	88.2
1977	93.3	94.6	91.6	90.6	88.2	92.2	93.6
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	117.2	115.1	118.5	119.5	127.7	119.7	119.2
1980	138.4	132.2	144.6	141.1	173.0	149.4	140.1
1981	156.8	149.2	163.6	159.3	212.6	167.2	154.0
1982	172.6	161.9	178.0	185.7	242.0	188.2	166.4
1983	189.6	176.0	192.1	202.9	285.3	214.4	179.6
1984	285.4	270.1	298.6	270.7	432.8	312.6	274.4
1985	352.7	332.5	383.3	339.5	546.7	367.4	344.5
1986	352.3	327.1	398.6	357.9	503.1	377.4	359.6
January	357.9	335.4	397.4	350.3	545.4	374.3	352.9
February	360.4	339.0	398.7	355.3	532.2	376.1	356.4
March	360.9	339.0	399.7	355.8	530.3	379.6	358.6
April	354.1	329.7	400.9	356.7	509.9	374.6	360.1
May	351.6	326.0	401.5	356.6	508.5	374.3	358.4
June	348.6	321.8	401.8	357.4	487.9	377.1	360.4
July	347.8	320.5	398.3	359.0	484.8	378.8	361.6
August	347.7	320.6	396.8	358.8	487.2	378.4	360.5
September	348.1	320.8	397.0	361.2	486.9	378.8	360.6
October	348.9	322.6	396.5	361.1	483.1	378.5	361.0
November	350.6	324.8	396.8	361.4	487.4	379.0	361.8
December	351.1	324.8	397.9	361.6	492.9	379.2	362.3
1987							
January	353.5	328.2	399.2	362.6	493.2	380.6	363.3
February	355.1	330.3	399.1	363.7	494.9	381.6	363.5
March	355.1	330.1	399.4	364.2	494.5	382.0	364.7
April	354.7	328.7	400.7	365.3	495.4	382.7	365.6
May	358.2	333.9	401.3	366.5	496.8	383.3	366.5
June	362.3	338.9	403.9	368.0	500.4	387.3	368.5

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

Table 2.13 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 1 (ILOCOS): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	54.1	55.6	50.1	57.4	41.6	52.7	51.0
1974	71.6	77.0	73.8	58.9	53.1	64.9	71.3
1975	76.5	81.0	84.7	60.3	61.9	70.3	80.2
1976	83.4	87.7	84.6	65.0	73.8	79.6	92.3
1977	92.2	95.2	93.8	79.9	84.9	90.1	95.3
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	116.3	114.0	115.1	126.4	120.8	117.9	113.4
1980	136.6	129.8	147.2	145.5	160.4	145.4	137.3
1981	157.9	146.3	164.3	161.4	250.5	167.7	153.9
1982	176.8	161.8	185.2	175.2	284.0	204.0	172.8
1983	193.9	174.1	202.9	201.6	312.8	229.1	194.2
1984	283.1	260.5	297.6	264.4	438.9	335.2	296.2
1985	352.0	327.4	368.7	340.0	543.1	390.0	356.7
1986	349.6	324.2	393.9	349.2	455.1	392.6	382.4
January	361.8	339.0	381.6	348.7	530.7	397.8	372.1
February	360.9	338.3	386.1	349.0	520.7	394.5	373.9
March	361.1	338.3	386.3	349.1	521.8	395.2	374.7
April	348.9	323.6	392.3	349.5	456.8	386.4	385.2
May	348.0	322.5	394.3	350.0	452.5	384.3	385.1
June	343.2	315.3	401.1	349.9	423.2	391.4	386.0
July	342.3	313.3	401.8	350.0	424.5	391.2	389.6
August	346.5	319.5	404.3	349.9	427.3	392.7	390.0
September	344.0	317.1	398.9	348.8	425.4	394.1	381.5
October	346.0	321.2	395.5	348.6	420.4	394.2	382.2
November	347.3	323.0	392.0	348.6	427.3	394.4	383.1
December	345.7	319.6	392.4	348.7	430.4	394.4	385.3
1987							
January	344.5	316.5	393.6	348.3	436.0	396.0	387.8
February	345.3	317.5	392.0	349.3	437.3	396.4	388.4
March	343.4	314.4	393.1	349.8	433.3	396.0	390.8
April	345.9	316.3	404.8	350.8	439.0	396.0	392.6
May	346.3	317.8	395.9	351.4	437.2	396.2	393.8
June	349.2	319.9	401.3	351.8	450.5	401.2	394.8

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

Table 2.14 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 2 (CAGAYAN VALLEY): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	55.1	57.6	51.3	47.4	37.3	58.8	49.3
1974	74.1	77.2	75.4	64.3	58.0	65.8	71.8
1975	79.9	82.2	83.4	63.4	75.0	71.3	86.4
1976	86.8	89.7	85.2	73.3	77.3	78.0	91.5
1977	94.2	96.7	93.1	83.9	80.9	89.9	95.4
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	116.0	114.6	116.7	116.0	122.7	119.9	120.2
1980	139.0	133.8	151.8	138.7	148.3	153.0	148.9
1981	159.9	150.5	180.2	187.6	173.5	168.3	172.6
1982	171.7	161.6	186.4	211.2	197.8	178.9	180.2
1983	187.9	173.3	195.9	245.6	244.1	213.3	190.4
1984	260.5	245.2	268.8	290.7	388.8	309.6	244.2
1985	325.4	309.8	352.8	329.6	486.4	375.1	305.9
1986	340.4	319.0	391.5	346.2	471.8	396.8	342.8
January	340.7	325.7	382.4	341.0	494.9	377.6	320.2
February	342.0	326.5	385.8	342.0	499.3	376.9	325.1
March	341.9	325.3	390.6	343.2	500.6	376.4	327.4
April	338.7	321.0	389.9	342.7	481.2	377.6	328.5
May	336.7	318.0	389.8	341.2	479.8	377.5	329.9
June	335.4	313.7	392.5	346.1	466.9	378.6	344.0
July	340.1	314.7	393.7	348.8	473.2	413.7	350.4
August	341.3	316.4	393.9	348.3	465.7	415.6	352.6
September	341.9	317.8	394.1	349.3	440.8	416.2	356.2
October	340.0	314.0	395.4	350.3	442.5	416.7	359.1
November	342.3	317.0	394.9	350.4	458.6	417.4	358.6
December	343.2	317.8	395.0	351.4	458.4	417.4	361.6
1987							
January	344.7	319.8	395.5	352.4	459.8	419.8	359.9
February	345.8	321.6	394.8	352.6	459.8	420.2	358.9
March	341.5	314.4	394.2	353.8	468.2	420.7	359.2
April	343.2	316.2	395.5	353.9	475.8	422.0	360.1
May	344.7	318.2	395.6	355.3	478.2	421.7	360.8
June	346.7	320.7	397.2	355.8	478.2	422.3	362.9

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

Table 2.15 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 3 (CENTRAL LUZON): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	51.6	54.6	46.6	48.0	47.9	49.2	44.9
1974	71.6	73.2	70.5	77.4	70.0	63.8	63.6
1975	75.1	77.1	71.8	78.8	68.4	70.5	69.5
1976	82.6	84.6	78.3	82.6	77.6	77.3	82.2
1977	92.4	94.1	88.7	91.7	87.0	90.0	90.5
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	115.7	113.7	121.8	115.1	112.4	121.1	120.6
1980	135.6	131.1	146.0	131.6	142.5	150.8	139.9
1981	151.4	146.9	165.3	143.6	158.3	168.8	154.6
1982	166.2	160.4	180.1	161.1	184.9	183.7	167.0
1983	185.4	175.7	197.9	179.8	227.9	216.1	183.4
1984	296.5	286.1	314.3	255.3	394.0	345.8	281.1
1985	372.8	359.7	410.2	326.0	502.8	407.4	360.3
1986	377.3	356.9	437.1	354.0	487.6	409.6	380.1
January	383.6	364.9	437.6	342.0	531.2	416.5	377.5
February	389.5	375.4	439.8	342.5	511.4	417.9	384.0
March	387.6	371.9	440.3	343.3	509.2	417.6	386.2
April	378.4	359.8	439.6	350.7	484.7	407.2	380.1
May	372.2	349.3	444.0	348.9	494.4	405.0	372.4
June	368.6	344.3	443.1	348.2	474.8	406.9	375.9
July	371.3	348.8	438.3	350.5	477.7	406.2	377.8
August	371.6	350.0	431.5	350.8	476.4	406.8	379.3
September	373.5	350.0	431.8	367.4	475.9	407.5	380.8
October	374.7	353.4	432.3	367.4	460.5	407.5	381.1
November	378.8	358.6	432.0	368.0	477.0	408.3	382.3
December	377.9	356.4	434.9	368.0	477.7	407.8	383.3
1987							
January	380.6	359.5	439.9	368.9	481.1	409.5	384.5
February	382.1	361.6	439.9	369.2	481.2	411.5	385.4
March	381.4	360.0	440.2	369.5	481.4	412.0	386.9
April	381.7	359.9	440.8	370.2	481.5	412.9	387.8
May	383.6	362.2	441.1	370.7	488.1	413.9	388.5
June	388.4	368.3	445.3	373.2	491.3	417.8	390.3

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

Table 2.16 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 4 (SOUTHERN TAGALOG): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	54.9	55.4	47.0	63.5	52.0	53.1	48.7
1974	71.3	73.7	69.1	61.7	71.2	69.6	73.5
1975	75.2	76.8	72.8	65.9	74.9	77.0	79.0
1976	84.8	86.0	84.8	77.2	82.6	83.6	90.9
1977	93.7	94.8	94.3	91.5	85.8	91.8	95.6
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	114.4	113.8	115.7	110.8	121.7	116.6	116.1
1980	133.8	130.3	136.4	129.0	170.9	140.0	135.5
1981	152.7	149.6	153.2	145.3	201.5	160.7	147.2
1982	170.4	164.8	173.2	165.3	243.9	180.7	159.9
1983	187.8	179.2	192.4	183.2	284.9	204.6	175.0
1984	273.4	268.1	296.4	238.5	391.2	277.2	270.2
1985	332.6	327.4	376.1	281.2	467.0	327.9	334.4
1986	338.7	327.6	402.2	291.0	432.0	362.1	348.3
January	340.7	336.8	395.3	286.3	458.8	331.2	342.7
February	343.5	338.7	396.7	286.6	448.8	348.7	347.3
March	346.8	340.2	396.7	286.9	447.6	370.4	350.9
April	340.1	331.1	398.0	286.8	433.2	362.2	350.8
May	338.1	326.3	405.6	288.5	429.8	364.5	349.2
June	334.9	320.2	405.3	291.3	426.7	367.5	347.9
July	334.1	318.9	404.3	293.8	422.9	366.8	347.3
August	335.4	321.0	404.0	294.0	422.5	367.0	348.1
September	335.2	321.1	402.0	294.2	422.7	366.4	347.0
October	336.7	323.6	400.6	294.3	424.4	366.5	348.5
November	339.1	326.6	406.7	294.9	423.0	367.0	349.4
December	339.5	326.6	411.3	294.8	423.1	367.2	350.2
1987							
January	343.0	331.8	411.8	295.9	423.1	369.0	351.5
February	343.7	332.3	413.2	297.1	423.9	370.7	351.8
March	342.7	330.3	414.0	297.4	423.2	371.3	352.5
April	342.9	329.8	415.2	298.3	423.0	372.7	353.7
May	344.2	331.6	416.5	298.7	423.0	373.0	355.0
June	347.2	335.3	417.9	300.5	424.8	376.2	357.4

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

Table 2.17 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 5 (BICOL): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	49.7	53.5	45.1	54.2	19.2	55.5	45.2
1974	72.0	76.7	67.3	73.5	44.0	74.6	64.3
1975	74.3	77.4	71.7	71.2	50.1	77.9	75.6
1976	82.6	85.5	78.3	85.3	58.4	81.6	86.6
1977	91.0	93.8	86.7	92.6	70.1	91.3	92.3
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	121.7	120.0	120.2	132.5	129.6	119.5	121.4
1980	143.9	136.3	149.3	158.1	176.4	151.8	143.4
1981	161.8	150.0	171.8	171.6	234.2	167.2	155.0
1982	176.0	163.7	180.8	188.5	262.6	181.9	164.0
1983	190.0	174.6	189.1	206.6	293.1	208.3	178.0
1984	286.0	274.6	273.5	279.3	431.8	277.0	270.6
1985	350.7	331.5	369.7	336.8	530.6	323.0	345.7
1986	348.4	325.4	383.7	362.3	482.4	326.2	359.8
January	358.4	338.1	380.2	361.1	527.2	329.3	352.9
February	358.9	340.6	382.2	361.6	512.0	326.4	354.8
March	357.8	338.2	384.1	362.5	509.8	326.2	356.7
April	346.9	322.0	382.3	360.5	497.8	325.1	356.4
May	342.8	316.1	382.4	362.3	489.1	324.5	356.8
June	340.6	314.0	383.9	360.7	470.6	324.8	359.2
July	341.5	315.7	381.9	363.9	465.2	326.0	360.6
August	344.4	320.4	384.0	363.8	464.4	325.7	361.5
September	344.6	320.6	384.6	363.0	464.6	325.6	362.6
October	345.6	321.8	386.4	362.6	463.9	326.1	364.5
November	348.2	326.4	386.2	362.8	461.3	326.5	364.7
December	351.0	330.3	386.7	362.6	462.8	327.9	367.3
1987							
January	352.7	330.8	389.3	363.6	476.0	328.7	368.7
February	355.0	334.5	389.2	364.0	477.3	329.2	368.5
March	354.8	333.9	389.7	364.6	476.4	329.3	369.2
April	353.2	331.1	389.7	365.0	476.9	329.2	369.4
May	355.6	334.4	392.0	365.6	472.4	331.6	373.1
June	359.6	340.0	393.7	366.5	471.4	333.8	378.0

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

Table 2.18 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 6 (WESTERN VISAYAS); 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	54.3	55.6	51.0	54.8	53.7	53.3	50.3
1974	76.2	79.2	79.4	67.5	78.8	67.2	72.7
1975	80.9	84.1	83.4	69.3	79.9	73.6	79.5
1976	87.7	88.0	84.3	76.4	106.4	89.3	86.4
1977	96.0	96.0	94.1	92.7	110.8	94.9	92.5
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	119.0	117.3	115.0	112.7	154.1	113.6	125.9
1980	142.8	135.3	144.0	143.3	219.4	141.5	145.7
1981	158.4	150.8	155.6	170.9	242.6	154.4	150.4
1982	173.5	163.1	168.3	190.5	273.7	174.6	165.4
1983	188.7	174.0	178.7	203.8	346.4	194.4	172.8
1984	295.9	265.8	310.8	311.7	586.4	304.1	272.2
1985	375.1	338.0	393.9	354.8	849.4	342.7	375.4
1986	373.4	335.8	386.6	374.3	757.0	355.0	399.8
January	376.6	338.8	392.2	353.7	816.1	360.6	387.0
February	378.8	340.7	391.7	376.1	802.3	357.8	389.8
March	381.2	344.3	392.2	377.4	798.6	357.8	394.6
April	380.9	341.7	402.8	378.7	786.0	357.4	407.0
May	378.7	340.0	391.6	377.3	788.5	354.1	408.1
June	372.4	333.6	390.1	376.4	732.9	358.8	408.8
July	367.8	328.9	381.1	375.6	715.8	355.4	411.0
August	365.6	326.9	375.3	373.8	736.0	351.6	397.7
September	369.1	332.5	382.0	375.6	727.7	351.7	397.9
October	368.5	332.3	381.0	375.3	722.6	351.6	396.9
November	369.4	333.6	380.8	375.7	720.6	351.4	399.7
December	371.8	336.6	378.5	376.2	737.2	351.4	398.5
1987							
January	373.6	340.5	379.1	378.9	718.4	353.6	399.4
February	374.9	342.9	376.9	379.1	720.7	353.6	398.0
March	375.0	342.9	377.7	379.8	718.2	353.6	399.8
April	370.4	334.9	375.8	382.2	715.6	353.7	400.3
May	373.2	339.3	377.2	382.0	715.2	354.4	401.4
June	377.0	344.1	379.5	383.5	715.5	360.1	401.4

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

Table 2.19 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 7 (CENTRAL VISAYAS): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	60.0	67.9	50.7	40.0	49.6	58.5	49.8
1974	74.9	79.9	75.2	53.4	74.0	73.0	69.8
1975	81.9	83.0	91.4	66.2	84.2	82.2	82.7
1976	89.2	88.7	85.8	82.2	105.5	90.6	89.7
1977	96.1	95.3	97.0	93.3	105.4	97.2	95.0
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	117.5	113.7	122.0	112.7	135.3	125.6	121.0
1980	140.9	135.3	153.6	125.4	169.4	153.9	145.7
1981	159.0	153.7	167.8	132.2	211.6	171.8	159.2
1982	183.2	167.7	180.9	233.0	235.6	194.1	173.1
1983	204.5	191.3	198.4	244.5	258.7	215.5	192.7
1984	300.1	280.8	317.2	314.9	376.7	320.9	308.3
1985	365.9	334.7	381.5	458.6	454.7	382.9	358.3
1986	353.9	320.2	390.0	454.3	390.5	383.9	361.9
January	362.2	328.2	395.7	457.3	435.9	384.5	358.7
February	362.1	329.6	395.1	457.7	422.7	381.7	363.7
March	362.2	330.8	395.4	457.1	414.0	381.9	364.8
April	357.8	326.2	393.8	457.0	394.3	379.1	364.6
May	356.5	324.4	392.7	454.8	394.4	381.5	361.8
June	352.9	320.0	388.5	453.9	374.9	385.5	363.7
July	349.8	315.5	382.1	453.4	374.4	386.0	363.0
August	346.8	310.6	384.5	452.8	373.4	384.9	361.0
September	348.4	312.7	389.2	451.9	374.4	385.4	360.8
October	350.6	316.8	388.1	451.9	374.4	385.7	360.0
November	350.1	315.8	387.9	451.5	376.1	385.6	361.1
December	347.8	311.8	386.4	452.6	376.8	385.4	359.4
1987							
January	351.8	318.4	384.3	453.6	377.0	388.1	360.2
February	354.8	322.9	383.1	455.6	375.5	392.7	359.0
March	355.2	323.5	381.5	456.8	376.6	391.5	360.6
April	355.5	324.2	381.6	457.4	376.4	389.4	361.7
May	363.0	337.8	382.7	458.0	374.6	389.3	358.8
June	367.7	343.9	384.5	458.0	374.6	398.1	361.5

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

Table 2.20 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 8 (EASTERN VISAYAS): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	49.1	48.9	40.7	58.4	43.4	53.9	48.4
1974	67.3	67.9	61.9	68.9	57.4	73.4	64.6
1975	77.4	77.4	84.7	51.6	94.9	87.3	74.2
1976	85.2	87.0	79.7	85.4	73.4	79.8	88.6
1977	94.1	95.2	89.1	98.0	79.5	94.8	94.4
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	120.9	115.1	117.7	146.5	161.6	122.2	117.5
1980	139.8	126.9	139.4	187.2	213.8	154.5	137.2
1981	158.0	144.7	152.8	220.9	238.6	167.5	147.1
1982	169.8	153.9	161.1	243.4	251.3	195.4	157.2
1983	181.3	165.7	172.8	254.3	255.5	210.3	167.7
1984	278.5	261.7	294.2	325.2	411.2	286.8	257.9
1985	337.3	314.9	375.9	390.4	508.5	330.9	324.6
1986	332.4	309.2	378.5	430.8	496.0	341.7	334.4
January	334.1	307.7	376.6	392.5	530.0	332.2	325.3
February	339.2	311.0	377.0	435.7	517.9	334.3	326.4
March	337.5	308.4	377.2	431.9	518.7	336.6	327.3
April	331.1	299.6	376.4	431.7	505.5	336.9	328.5
May	330.2	298.0	378.0	430.1	500.3	337.9	332.8
June	327.7	396.0	379.6	429.0	481.2	335.8	332.2
July	329.8	295.8	384.4	437.2	484.4	346.3	336.1
August	330.3	296.4	382.6	438.2	478.0	349.6	339.8
September	331.4	297.2	381.0	436.8	494.2	348.3	340.5
October	331.3	297.6	379.1	435.6	487.3	348.1	343.4
November	333.3	301.7	375.9	435.2	478.8	347.5	334.8
December	332.7	300.9	374.6	435.2	476.2	347.4	346.1
1987							
January	335.0	303.5	375.4	435.1	484.3	348.7	347.2
February	335.0	302.9	372.0	440.3	486.0	349.8	348.3
March	338.5	307.8	373.2	441.5	488.0	349.8	349.2
April	336.5	303.9	372.9	442.3	495.2	350.1	349.4
May	339.4	307.7	374.0	443.4	500.9	350.0	350.1
June	343.6	310.8	380.7	444.4	516.3	357.5	353.0

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

Table 2.21 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 9 (WESTERN MINDANAO): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	54.0	54.3	55.8	50.6	46.9	54.8	55.7
1974	70.2	69.2	78.6	63.8	65.4	70.0	75.7
1975	77.1	74.7	88.2	71.4	76.1	78.1	88.4
1976	84.9	84.3	84.1	81.0	74.9	85.5	97.6
1977	90.3	90.1	92.0	90.1	83.3	90.5	94.2
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	111.0	110.2	112.7	113.3	100.0	111.6	120.0
1980	130.5	124.3	141.3	126.6	149.5	149.4	142.9
1981	147.9	139.0	166.9	142.7	183.3	170.8	162.6
1982	162.4	149.2	185.8	153.2	235.7	196.8	178.4
1983	180.2	163.8	203.5	173.8	302.9	219.8	187.9
1984	279.9	254.5	304.7	264.6	555.4	314.2	285.8
1985	338.5	312.2	364.4	325.0	634.1	362.2	347.9
1986	327.9	302.0	369.3	325.0	555.6	351.9	348.7
January	333.4	306.1	371.0	325.6	603.4	363.8	343.9
February	334.4	308.6	371.8	326.2	581.3	363.3	346.7
March	336.3	311.4	372.1	327.9	581.2	362.7	346.7
April	331.2	303.6	373.7	326.3	592.7	356.2	346.8
May	328.8	301.2	374.3	324.9	586.3	350.9	346.1
June	327.0	300.9	373.4	324.1	547.5	347.5	351.8
July	323.9	298.1	367.0	324.0	533.6	346.2	351.8
August	321.9	295.5	366.1	323.0	532.2	346.9	350.1
September	323.9	297.7	366.5	322.8	540.3	347.3	351.8
October	324.1	299.1	364.7	324.6	528.2	345.6	351.4
November	324.4	300.4	364.7	324.5	519.5	346.4	349.1
December	325.0	301.1	366.6	325.6	520.8	346.1	348.3
1987							
January	328.3	305.7	366.1	330.3	519.1	347.1	348.5
February	330.6	308.8	365.2	333.8	519.6	347.1	350.7
March	330.3	308.2	364.8	331.9	522.2	348.0	351.2
April	330.2	306.6	366.1	335.3	524.6	353.1	353.4
May	340.2	318.7	370.3	364.0	524.6	356.0	353.9
June	345.9	326.2	372.3	364.6	524.6	359.4	356.1

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

Table 2.22 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 10 (NORTHERN MINDANAO): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
1973	51.9	53.2	48.5	46.3	50.5	52.8	50.0
1974	70.4	71.5	71.7	66.7	68.5	66.9	69.4
1975	74.4	74.0	76.1	66.6	68.5	84.8	81.1
1976	87.2	88.7	85.7	79.6	78.2	86.5	92.4
1977	96.0	97.1	96.6	93.3	86.0	92.8	98.9
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	121.3	119.5	124.9	128.5	143.0	119.3	113.9
1980	146.1	142.4	150.7	159.4	175.2	149.3	136.2
1981	167.5	161.5	173.5	187.3	215.8	170.5	158.8
1982	185.8	179.1	181.3	220.8	239.6	189.5	161.4
1983	202.7	195.1	195.4	232.9	297.3	207.4	174.1
1984	298.1	290.9	316.9	292.0	461.9	296.6	274.5
1985	360.5	346.8	397.7	357.7	581.7	365.4	341.9
1986	350.3	328.4	401.0	377.6	551.8	367.6	351.9
January	356.3	336.6	403.6	369.3	584.5	372.3	348.3
February	360.8	343.8	402.5	372.7	562.3	373.3	350.2
March	361.1	344.0	401.6	373.0	563.9	373.6	351.7
April	355.2	336.5	400.8	372.6	552.0	368.9	351.9
May	352.5	332.5	401.1	373.4	554.1	365.5	351.6
June	350.7	330.1	399.1	379.6	534.4	364.6	351.7
July	346.7	324.0	398.6	381.1	532.9	364.3	351.2
August	341.4	315.7	398.7	381.0	536.6	364.3	352.6
September	340.9	314.1	400.3	381.8	542.9	364.6	354.4
October	343.8	318.6	397.5	382.2	546.3	365.1	353.0
November	346.4	321.4	404.0	382.2	553.5	367.3	352.9
December	348.3	323.8	403.9	382.7	558.8	367.9	353.0
1987							
January	350.5	326.6	407.2	383.0	558.4	368.6	354.0
February	353.9	331.8	407.6	383.0	554.3	369.0	355.4
March	357.0	336.7	407.6	383.2	543.8	370.0	357.5
April	356.6	335.8	407.4	385.4	542.5	370.4	358.0
May	363.3	345.1	410.9	385.1	549.3	371.1	359.3
June	369.9	354.1	413.0	388.2	547.7	373.0	360.0

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

Table 2.23 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 11 (SOUTHERN MINDANAO): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
1973	55.5	60.9	46.9	49.9	39.5	52.9	47.1
1974	70.4	74.6	69.3	59.8	62.0	64.7	67.1
1975	75.1	76.3	78.0	64.2	73.9	76.3	75.3
1976	82.3	82.9	83.9	80.9	76.0	83.1	81.6
1977	94.1	95.5	93.2	94.7	85.5	94.6	90.9
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	117.4	115.4	119.8	124.2	113.0	123.1	116.2
1980	139.8	133.1	142.7	144.8	177.6	153.6	131.9
1981	158.8	151.0	165.0	159.7	217.6	169.9	148.8
1982	171.4	159.8	178.7	182.8	234.7	191.7	160.2
1983	189.2	174.2	190.6	196.0	316.1	207.0	168.4
1984	278.2	270.8	293.3	242.7	396.0	292.0	249.4
1985	348.2	333.0	393.8	331.6	497.3	356.5	311.6
1986	350.6	326.8	410.1	378.6	499.6	352.4	321.7
January	356.3	333.9	410.3	375.2	520.0	360.7	318.8
February	359.4	339.4	411.6	376.6	511.9	360.2	321.9
March	361.2	341.6	412.8	379.4	511.5	360.0	324.2
April	352.6	330.9	410.6	377.3	496.1	350.8	323.6
May	350.6	330.2	411.7	376.2	486.6	346.4	317.8
June	349.5	326.4	412.9	379.3	482.3	353.0	320.5
July	349.1	325.3	412.1	380.8	482.2	354.4	320.8
August	347.2	322.1	410.9	380.4	489.3	351.0	320.7
September	344.7	318.0	408.2	380.1	487.0	351.9	322.8
October	344.4	318.4	407.9	379.2	486.8	348.4	322.3
November	344.0	316.3	405.6	379.4	506.6	345.8	323.5
December	347.6	319.2	406.7	379.6	535.5	346.2	323.7
1987							
January	352.0	327.4	405.7	379.5	530.4	347.5	322.9
February	352.9	328.3	406.9	380.1	532.8	346.6	324.1
March	355.2	331.1	410.3	381.4	532.9	348.5	325.3
April	355.4	330.9	413.6	381.8	533.5	348.7	325.7
May	359.0	335.9	415.1	382.6	540.6	348.8	326.6
June	364.2	343.4	417.0	382.7	544.5	351.5	328.2

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

Table 2.24 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN  
REGION 12 (CENTRAL MINDANAO): 1973 TO 1987  
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
1973	47.2	49.2	41.0	50.2	64.8	47.2	27.5
1974	68.6	69.5	63.5	64.1	75.6	68.0	68.2
1975	73.2	72.8	68.7	67.1	80.7	78.4	75.8
1976	81.6	81.8	79.1	80.6	81.0	79.0	88.3
1977	89.4	90.2	85.2	87.3	86.6	86.7	94.2
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	117.9	114.8	121.6	115.2	123.4	129.6	121.8
1980	137.6	130.2	141.9	139.2	154.6	168.7	141.7
1981	156.2	148.2	163.5	150.6	192.3	187.9	157.3
1982	168.4	155.8	183.2	177.2	224.2	208.4	168.0
1983	186.1	169.2	192.1	180.4	248.6	272.9	173.2
1984	286.0	267.9	293.2	234.6	387.7	394.4	264.0
1985	353.1	325.6	389.7	344.5	487.1	459.4	331.7
1986	353.7	319.6	398.7	357.4	489.1	482.5	336.0
January	358.0	327.8	402.3	353.5	505.3	467.6	335.4
February	361.0	332.6	404.4	354.8	496.5	466.8	337.0
March	360.0	330.1	408.7	354.8	495.8	467.5	338.1
April	354.5	321.9	409.0	355.3	475.2	470.0	338.3
May	354.4	319.6	405.3	360.7	484.5	482.4	337.2
June	355.2	320.5	406.3	359.5	486.4	482.7	337.9
July	351.6	316.5	393.7	358.5	482.3	488.2	335.7
August	350.1	314.7	390.6	357.6	484.5	488.2	334.7
September	349.5	313.3	390.2	358.2	485.0	489.8	336.2
October	349.4	312.9	391.8	357.0	486.3	490.5	334.4
November	350.5	313.5	389.8	358.9	491.9	497.4	334.1
December	350.0	311.9	391.9	359.5	495.6	499.0	333.3
1987							
January	352.0	314.9	394.3	363.5	491.0	495.9	335.5
February	355.8	318.9	398.5	364.1	515.9	496.0	335.3
March	357.0	320.7	395.0	365.3	522.6	496.7	335.8
April	356.1	318.6	395.1	366.8	519.0	500.4	336.6
May	363.8	330.1	395.5	368.9	520.8	501.0	338.3
June	368.0	335.1	397.0	373.8	531.4	501.8	340.0

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

**Figure 2.2**  
 CONSUMER PRICE INDEX FOR ALL INCOME  
 HOUSEHOLDS IN NATIONAL CAPITAL REGION (NCR)  
 AND REGIONS OUTSIDE NCR: 1980 to 1987  
 (1978 = 100)

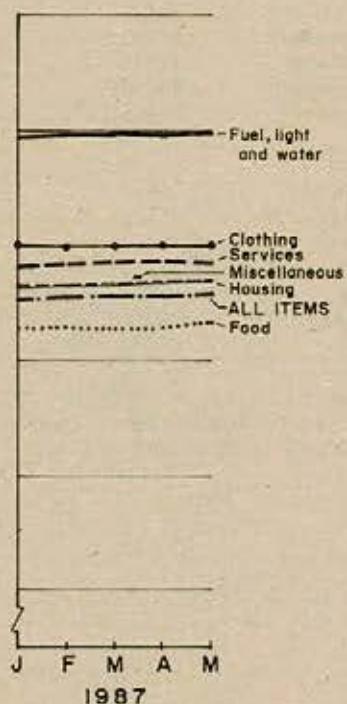
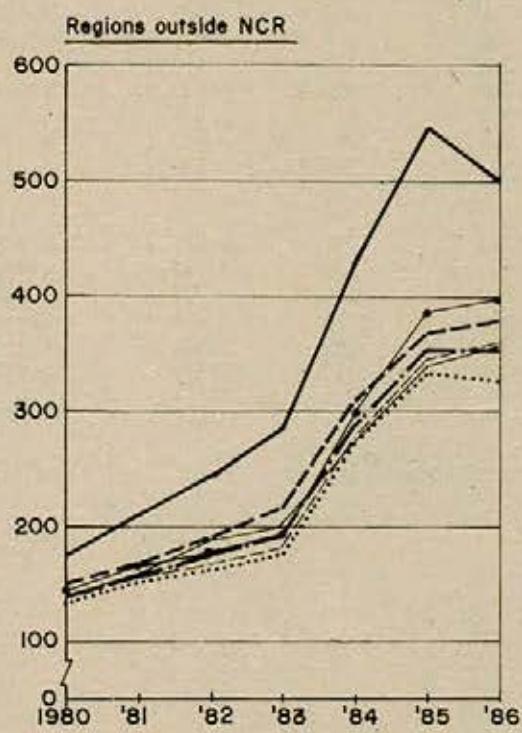
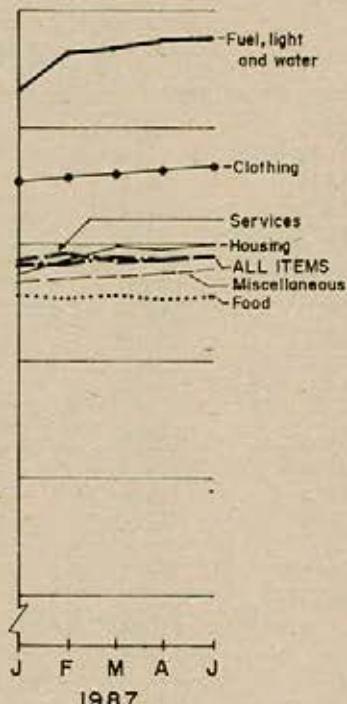
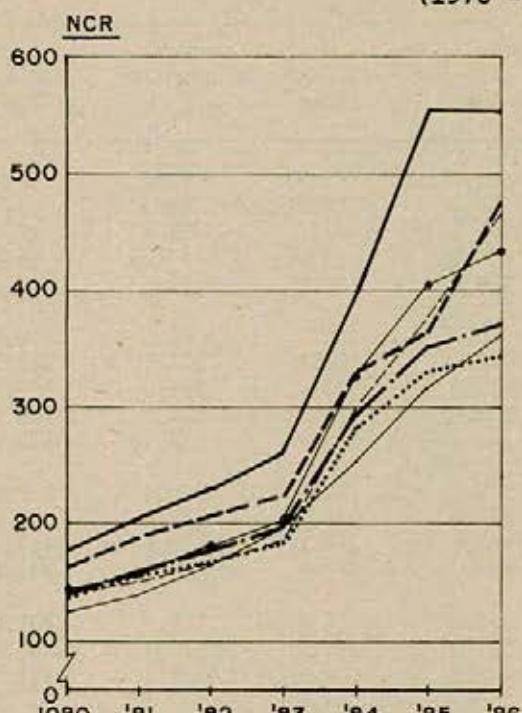


Table 2.25 - CONSUMER PRICE INDEX OF  
METROPOLITAN MANILA AREA (NATIONAL  
(1978=

Period	Food, beverages and tobacco	Food				
		Cereals			Cereal prepara- tions	Dairy products
		Rice and corn	Rice	Corn		
1973	54.2	63.4	63.3	67.3	51.4	68.0
1974	74.8	81.0	80.8	90.9	81.9	83.7
1975	80.2	91.4	91.3	92.0	89.9	98.7
1976	85.4	96.9	96.9	96.9	92.8	96.2
1977	93.2	100.0	100.0	100.0	95.0	96.6
1978	100.0	100.0	100.0	100.0	100.0	100.0
1979	118.8	113.7	113.8	106.4	150.6	113.2
1980	136.9	121.1	121.0	122.6	190.3	137.9
1981	153.8	135.7	135.6	144.5	220.1	158.7
1982	165.9	141.8	141.7	146.4	242.4	178.6
1983	179.8	150.1	150.1	152.2	260.6	199.9
1984	279.9	233.1	233.0	236.7	415.9	346.6
1985	329.0	323.0	322.5	364.2	503.4	427.9
1986	342.4	315.0	314.3	364.8	531.9	442.0
January	343.6	322.6	322.0	366.9	513.1	431.0
February	341.9	321.8	321.2	368.1	525.3	437.7
March	342.0	322.2	321.7	367.5	529.2	451.2
April	337.4	318.4	317.8	364.4	533.4	477.9
May	335.8	314.8	314.2	361.2	529.5	462.9
June	333.2	311.0	310.3	365.6	532.0	445.8
July	338.5	309.2	308.6	353.8	532.3	439.9
August	341.7	310.0	309.4	364.4	533.1	434.6
September	343.5	309.8	309.1	368.8	532.3	431.5
October	347.8	313.0	312.4	361.9	536.7	429.5
November	350.6	311.9	311.2	365.6	543.1	429.8
December	352.6	314.7	314.0	369.4	542.5	432.0
1987						
January	354.5	314.0	313.3	367.5	545.4	438.5
February	354.8	311.9	311.2	371.2	547.0	446.8
March	354.2	308.2	307.4	375.6	548.0	468.0
April	351.9	304.8	303.9	375.0	550.7	471.3
May	354.4	308.1	307.1	385.0	551.0	476.3
June	363.0	311.1	310.1	393.1	550.7	487.7

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

FOOD, BEVERAGES AND TOBACCO FOR  
CAPITAL REGION: 1973 TO 1987  
(100)

Food					Beverages	Tobacco
Eggs	Fish	Fruits and vegetables	Meat	Miscellaneous		
58.3	48.9	47.2	53.3	49.2	53.7	58.9
78.2	68.6	69.0	78.8	67.2	69.6	67.3
81.5	76.2	68.1	81.5	69.5	81.5	76.7
87.4	84.0	78.8	82.6	72.5	89.8	90.0
97.2	90.7	80.7	91.8	95.2	91.7	95.6
100.0	100.0	100.0	100.0	100.0	100.0	100.0
104.5	126.9	113.7	120.3	113.5	120.4	108.6
120.2	153.2	131.4	135.8	127.8	156.2	122.7
134.6	172.5	155.5	150.0	134.1	178.9	145.7
137.7	186.8	156.1	160.2	142.4	204.2	204.1
144.0	190.5	189.2	168.5	168.7	227.4	194.3
234.9	285.2	274.1	259.4	290.4	315.9	262.1
265.6	333.2	291.1	306.2	304.9	397.4	266.6
274.9	352.6	325.7	327.0	299.8	428.6	299.0
282.7	379.5	308.6	328.3	301.4	419.8	266.7
285.2	361.5	301.8	329.2	303.9	422.6	272.1
284.7	358.6	292.0	329.9	306.6	424.4	272.1
279.8	339.6	277.5	326.9	305.5	422.7	272.1
272.5	339.6	280.2	328.0	304.1	425.9	273.2
272.4	335.4	279.8	329.2	298.5	432.4	271.3
270.9	336.4	335.9	328.6	296.1	435.0	272.1
269.8	349.5	331.0	326.8	292.9	435.8	333.2
269.2	349.2	360.0	324.0	289.4	434.0	335.5
268.8	348.6	390.6	322.8	293.1	429.9	338.8
269.4	363.4	378.5	324.1	301.9	429.1	340.5
273.0	370.1	372.2	326.8	304.2	431.3	340.5
281.3	388.0	336.9	334.2	308.4	436.1	343.4
285.0	385.1	331.4	335.2	310.7	434.2	356.8
283.3	392.7	301.8	337.0	315.0	434.6	396.1
275.7	355.3	297.4	343.5	319.2	449.6	415.8
269.6	344.2	321.2	345.6	321.9	452.3	416.3
268.4	352.4	353.6	352.3	330.8	452.6	419.2

Table 2.26 - RETAIL PRICE INDEX FOR METROPOLITAN  
1973  
(1978)

Period	All items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials
1973	52.6	54.8	61.3	55.1	27.4
1974	77.3	78.7	73.8	67.4	65.5
1975	81.4	81.5	84.3	79.9	74.6
1976	86.6	85.6	92.9	92.7	87.7
1977	93.9	93.6	94.5	98.4	97.3
1978	100.0	100.0	100.0	100.0	100.0
1979	120.7	118.8	112.2	125.3	137.1
1980	145.7	135.7	136.6	160.4	248.0
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
January	377.8	354.7	365.1	383.7	505.7
February	373.4	350.8	369.8	384.2	454.1
March	373.1	349.5	373.7	382.0	448.8
April	369.4	344.5	376.9	376.0	433.9
May	366.6	343.2	379.2	377.7	427.5
June	363.6	340.1	386.9	375.9	407.4
July	367.8	345.0	401.3	374.2	407.1
August	367.8	344.0	414.1	372.7	407.3
September	368.0	344.0	415.9	371.5	407.4
October	371.0	349.1	414.2	370.6	407.4
November	373.7	353.1	415.0	372.6	407.4
December	375.2	355.2	415.4	372.8	407.4
1987					
January	377.8	358.8	418.8	373.4	407.5
February	379.2	359.5	424.4	370.9	407.4
March	380.0	359.0	427.6	373.0	407.4
April	381.2	359.4	437.9	376.0	407.4
May	384.4	363.6	438.8	374.5	407.4

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

## MANILA AREA (NATIONAL CAPITAL REGION):

TO 1987

= 100)

Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
55.7	48.3	60.2	51.1
72.9	80.2	80.1	76.6
84.4	80.0	88.0	85.4
92.0	83.9	92.0	90.2
96.6	91.8	95.3	94.0
100.0	100.0	100.0	100.0
113.7	129.2	118.7	112.6
131.0	156.2	132.4	133.6
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
419.1	416.2	301.9	416.7
422.6	418.1	312.0	421.2
430.5	418.7	317.2	423.2
434.4	418.8	318.9	424.3
428.7	409.1	317.5	419.0
430.2	407.4	316.4	414.9
432.3	408.3	317.1	418.6
428.4	408.4	317.1	420.5
432.5	407.2	317.7	420.7
432.1	407.2	318.4	421.8
432.4	407.9	318.6	423.1
431.3	408.6	318.6	426.6
435.6	408.8	319.3	425.6
437.7	412.1	321.1	427.4
440.2	417.0	320.1	429.4
440.1	418.5	323.5	430.2
440.1	421.7	324.3	432.4

Table 2.27 - 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
1976	88.8	89.1	93.7	89.5	92.0
1977	95.4	95.1	97.9	101.3	98.0
1978	100.0	100.0	100.0	100.0	100.0
1979	119.0	116.2	115.0	125.3	128.4
1980	140.8	133.2	134.6	137.9	203.0
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
January	419.9	482.0	333.0	302.9	580.1
February	414.3	472.3	329.7	299.5	563.9
March	414.9	469.6	341.6	303.9	569.8
April	404.9	459.1	341.8	303.8	481.0
May	403.4	457.9	343.0	302.2	473.4
June	399.0	448.9	349.7	301.7	462.8
July	405.2	461.0	363.1	306.2	462.0
August	401.0	450.6	377.3	303.5	461.8
September	406.6	461.4	377.4	303.2	462.0
October	415.4	470.1	385.1	325.6	461.8
November	416.4	469.1	385.8	331.3	461.3
December	425.7	488.8	385.8	337.0	461.8
1987					
January	426.3	485.3	396.5	344.8	461.9
February	419.3	473.1	408.3	328.0	462.6
March	420.7	463.9	417.4	344.1	463.4
April	423.6	468.1	423.2	343.2	462.4
May	428.5	472.8	428.5	355.9	461.9

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

FOR METROPOLITAN MANILA AREA  
 1976 to 1987  
 = 100)

Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
85.0	89.4	84.7	85.2
93.4	94.4	89.8	91.4
100.0	100.0	100.0	100.0
121.1	121.0	110.7	115.3
135.4	146.1	123.9	140.0
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	484.1
318.8	369.6	361.2	463.1
315.6	371.5	361.2	468.2
316.8	371.9	361.4	471.9
318.2	372.7	372.5	476.3
316.0	372.5	371.1	475.4
316.4	371.8	373.2	471.7
316.5	372.3	373.9	473.7
313.0	373.7	374.1	476.0
319.9	375.8	375.5	477.6
340.8	376.9	376.3	477.1
348.9	376.6	376.3	477.0
347.9	378.7	376.5	481.3
355.0	379.3	376.4	480.5
344.2	382.8	377.2	484.2
358.3	387.0	387.5	487.4
360.4	392.4	387.7	491.5
367.9	393.2	392.1	494.9

Table 2.28 - WHOLESALE PRICE INDEX OF SELECTED MATERIALS  
 METROPOLITAN MANILA AREA  
 1976 to 1987

Period	Automotive diesel fuel <sup>1</sup>	Portland cement <sup>2</sup>	Reinforcing steel	Asphaltic materials
1976	91.6	95.0	100.2	95.4
1977	97.6	98.1	90.8	100.0
1978	100.0	100.0	100.0	100.0
1979	131.9	132.2	122.0	125.1
1980	228.1	186.9	133.3	213.6
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
January	599.1	362.1	315.7	530.1
February	551.9	362.1	315.7	470.5
March	537.8	362.1	315.7	468.9
April	512.7	356.2	315.7	424.3
May	490.4	354.8	315.7	407.8
June	460.0	352.9	315.7	373.0
July	460.0	349.3	315.7	373.0
August	460.0	349.3	315.7	373.0
September	460.0	338.2	315.7	373.0
October	460.0	337.7	315.7	373.0
November	460.0	323.5	315.7	373.0
December	460.0	324.9	315.7	373.0
1987				
January	460.0	338.2	315.7	373.0
February	460.0	350.5	315.7	373.0
March	460.0	350.5	327.8	373.0
April	460.0	356.6	327.8	373.0
May	460.0	356.6	327.8	373.0

<sup>1</sup>Includes other refined petroleum products.

<sup>2</sup>Includes white cement from 1976 to 1982.

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

USED IN CONSTRUCTION ACTIVITIES IN  
 (NATIONAL CAPITAL REGION):  
 (1978 = 100)

Metal products	Lumber products	Electrical Machinery & fixtures	Structural steel
88.6	77.6	82.0	78.6
91.6	94.9	92.3	83.8
100.0	100.0	100.0	100.0
120.5	140.3	108.5	119.6
135.9	191.0	129.0	129.0
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
339.1	285.0	226.7	294.5
341.4	285.0	226.7	294.5
340.3	290.0	226.9	301.6
340.3	290.0	225.3	301.6
339.6	291.3	211.8	301.6
338.7	294.8	208.7	303.3
339.3	294.8	209.6	303.3
339.3	298.2	208.0	303.3
339.3	298.2	210.0	303.3
339.9	298.2	211.4	303.3
339.7	298.2	211.4	303.3
343.1	312.5	211.4	303.3
342.8	312.5	210.6	303.3
342.8	326.0	212.8	303.3
347.7	331.7	212.8	303.3
357.4	334.8	214.0	303.3
358.3	334.8	214.0	303.3

Table 2.29 - PRODUCER PRICE INDEX FOR AGRICULTURAL PRODUCTS,  
PHILIPPINES: 1972 TO 1986  
(1978=100)

Year	All items	Cereals	Vege-tables	Root-crops	Fruits	Commer-cial crops	Poultry	Livestock
1972	50.3	59.4	50.9	53.7	57.5	43.1	43.8	47.8
1973	54.6	63.6	52.8	59.1	57.7	53.3	46.5	45.6
1974	88.4	91.4	95.8	87.5	88.6	103.9	73.2	72.2
1975	88.6	95.6	104.7	89.3	101.2	83.2	81.1	81.4
1976	86.0	99.0	83.2	86.8	86.7	89.9	88.0	78.2
1977	95.6	102.8	75.1	94.8	95.3	95.4	95.8	90.0
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	111.8	103.7	132.1	122.9	128.4	114.6	113.0	114.1
1980	118.0	112.9	131.4	150.6	140.3	114.5	129.9	115.9
1981	126.3	128.9	133.0	165.6	166.0	102.6	142.7	124.1
1982	131.3	135.3	88.3	165.7	215.0	117.7	153.3	130.0
1983	155.3	148.0	152.5	195.0	228.6	155.0	166.7	139.0
1984	265.0	242.3	221.2	318.0	367.0	286.6	260.4	244.7
1985	285.6	316.2	244.4	337.9	335.0	249.3	315.2	245.5
1986	276.5	274.0	265.3	346.7	350.0	236.4	330.4	256.9
January	282.4	289.4	325.3	351.7	320.9	242.2	331.1	263.3
February	287.4	302.5	276.2	362.7	378.1	230.1	333.0	269.1
March	282.9	288.8	255.3	345.2	385.3	229.2	330.7	272.7
April	280.6	282.1	232.1	336.8	355.0	235.1	333.0	278.9
May	277.6	282.6	171.6	363.1	358.6	231.7	323.5	280.0
June	271.4	271.6	193.6	346.3	333.5	229.7	325.3	275.5
July	264.7	270.3	261.9	351.1	324.3	220.7	325.1	240.3
August	266.1	261.6	255.2	330.2	347.7	226.4	322.8	244.4
September	271.0	266.6	279.8	358.9	342.6	225.1	325.3	241.4
October	271.6	256.3	309.6	339.0	345.8	245.4	336.0	234.2
November	279.8	257.1	305.4	322.6	352.7	254.5	333.1	241.6
December	282.4	258.9	317.3	353.1	355.2	266.3	345.4	242.0

Source: Bureau of Agricultural Economics.

## CHAPTER 3

### ECONOMIC ACCOUNTS

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

National income 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 income 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 flow-of-funds (FOF) accounts system, which is a relatively young scheme and is considered an "offspring" of the national income accounts, furnishes useful data for sound economic analysis especially those related to financial matters. Financial transactions in the economy are captured in the FOF framework. Further, a matrix of "sources-and-uses-of fund" statements similar to the credit and debit terms in the double-entry system of bookkeeping is presented.

The major responsibility for the preparation of the national income accounts and the input-output tables is lodged in NEDA's National Accounts Staff, Statistical Coordination Office. The compilation of the flow-of-funds accounts was also the primary concern of the NEDA until 1981 when this function was transferred to the Central Bank of the Philippines.

Figure 3.1  
GROSS NATIONAL PRODUCT AND EXPENDITURES  
ACCOUNT: 1984 to 1986

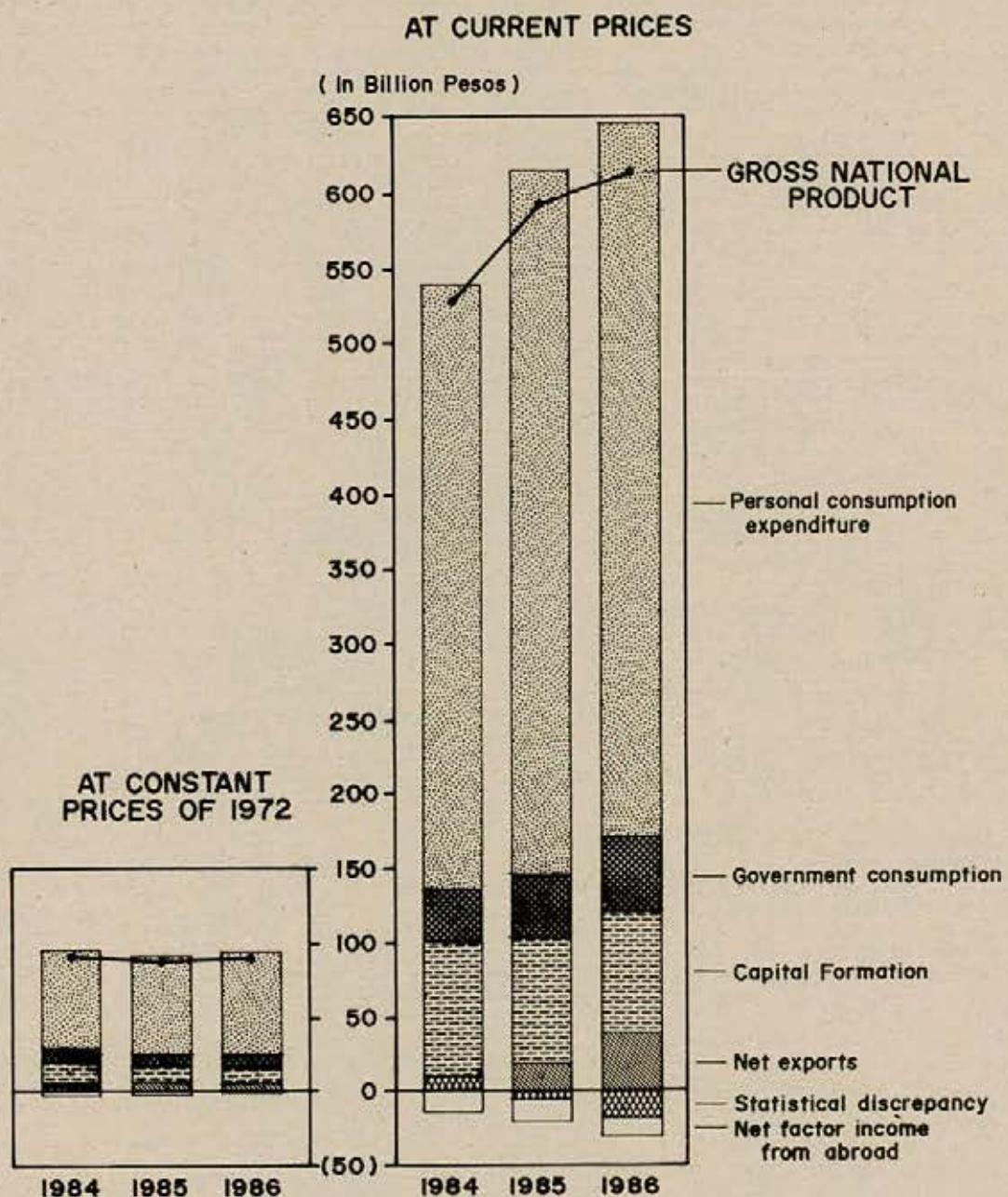


Table 3.1 - GROSS NATIONAL PRODUCT  
(In million pesos)

Item	1960	1965	1970	1972	1975	1976
1. Compensation of employees and entrepreneurial and property income of persons	11,616	19,387	32,876	43,885	85,236	100,586
2. General government income from property and entrepreneurship	23	31	65	198	493	626
3. Corporate income	447	734	1,907	1,708	5,243	6,374
a. Corporate tax	273	359	765	865	2,003	2,223
b. Corporate savings	174	375	1,142	843	3,240	4,151
NATIONAL INCOME OR NET NATIONAL PRODUCT at factor cost	12,086	20,152	34,848	45,791	90,972	107,586
4. Indirect taxes	1,008	1,583	3,355	4,530	12,850	12,821
5. Less subsidies	27	88	166	148	861	568
6. Capital consumption allowance	766	1,735	3,714	5,353	11,304	12,873
GROSS NATIONAL PRODUCT in purchaser's value	13,833	23,382	41,751	55,526	114,265	132,712
7. Personal consumption expenditure	10,702	17,949	29,552	39,922	76,165	87,120
8. General government consumption expenditures	1,094	2,120	3,514	5,260	10,945	14,050
9. Gross domestic capital formation	2,247	4,883	8,992	11,573	35,705	41,053
a. Fixed capital formation	1,892	4,134	6,701	8,831	27,800	32,753
b. Increase in stocks	355	749	2,291	2,742	7,905	8,300
10. Exports of goods and non-factor services	1,489	4,046	8,095	9,877	21,272	23,248
11. Less: Imports of goods and non-factor services	1,460	4,040	8,236	10,334	29,057	31,841
12. Statistical discrepancy	(43)	(1,462)	531	(223)	(427)	298
EXPENDITURES ON GROSS DOMESTIC PRODUCT	14,029	23,496	42,448	56,075	114,603	133,928
13. Net factor income from the rest of the world	(196)	(114)	(697)	(549)	(338)	(1,216)
EXPENDITURES ON GROSS NATIONAL PRODUCT	13,833	23,382	41,751	55,526	114,265	132,712
=====	=====	=====	=====	=====	=====	=====

\*Preliminary estimates as of May 1987

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

AND EXPENDITURE ACCOUNT: 1960 to 1986  
 at current prices)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
117,550	129,834	160,758	194,238	223,297	248,557	278,067	416,147	463,849	470,866
1,379	1,385	1,528	2,525	3,184	4,138	5,801	7,033	9,317	12,820
5,706	12,427	14,932	17,926	19,873	19,399	21,008	6,506	5,181	6,594
1,961	2,642	2,873	3,402	3,870	4,503	4,799	8,181	8,350	8,675
3,745	9,785	12,059	14,524	16,003	14,896	16,209	(1,675)	(3,169)	(2,081)
124,635	143,646	177,218	214,689	246,354	272,094	304,876	429,686	478,347	490,280
14,400	18,235	23,789	26,606	27,408	29,512	35,608	44,697	50,216	53,955
392	573	588	760	776	847	919	777	1,267	1,626
15,637	16,759	20,538	24,543	30,658	34,664	39,180	53,749	67,222	71,682
154,280	178,067	220,957	265,078	303,644	335,423	378,745	527,355	594,518	614,291
102,626	118,846	146,577	178,119	206,942	234,486	268,188	403,431	469,133	474,991
14,489	16,564	18,259	21,191	24,792	29,215	29,481	35,567	42,469	48,553
44,251	51,706	68,840	81,148	93,261	96,521	102,526	91,951	85,402	82,199
36,322	42,528	57,459	67,993	79,285	86,026	95,254	100,095	89,974	80,974
7,929	9,178	11,381	13,155	13,976	10,495	7,272	(8,144)	(4,572)	1,225
29,306	31,557	41,461	54,181	57,806	56,150	75,267	117,701	126,571	155,104
34,675	41,321	53,551	68,924	74,359	79,321	101,138	118,382	108,506	116,188
(366)	1,251	(1,109)	293	(3,168)	3,534	9,771	10,198	(5,610)	(17,942)
155,631	178,603	220,477	266,008	305,274	340,585	384,095	540,466	609,459	626,717
(1,351)	(536)	480	(930)	(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)
154,280	178,067	220,957	265,078	303,644	335,423	378,745	527,355	594,518	614,291

Table 3.2 - PERSONAL INCOME  
1960 to  
(In million pesos)

Item	1960	1965	1970	1972	1975	1976
1. Compensation of employees and entrepreneurial and property income of persons	11,616	19,387	32,876	43,885	85,236	100,586
3. Social security benefits	26	55	156	201	581	658
4. Other current transfers from general government	91	116	395	590	1,312	1,253
5. Current transfers from the rest of the world	193	311	559	1,051	1,826	1,767
CURRENT RECEIPTS	11,926	19,869	33,986	45,727	88,955	104,264
	=====	=====	=====	=====	=====	=====
6. Personal consumption expenditures	10,702	17,949	29,552	39,922	76,165	87,120
7. Personal direct taxes	77	325	544	927	1,429	1,635
8. Social security contributions	133	266	431	512	1,310	1,647
9. Current transfers to the rest of the world	-	-	12	40	21	17
10. Statistical discrepancy	(43)	(1,462)	531	(223)	(427)	298
11. Personal savings	1,057	2,791	2,916	4,549	10,457	13,547
CURRENT DISBURSEMENTS	11,926	19,869	33,986	45,727	88,955	104,264
	=====	=====	=====	=====	=====	=====

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

## AND OUTLAY ACCOUNT:

1986

(at current prices)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
117,550	129,834	160,758	194,238	223,297	248,557	278,067	416,147	463,849	470,866
670	994	1,083	1,173	1,418	1,697	1,991	2,295	2,350	2,770
1,678	1,843	2,373	2,486	3,064	3,244	3,952	6,710	13,120	15,057
1,795	2,088	2,497	3,034	3,595	3,834	5,603	2,978	5,466	11,260
121,693	134,759	166,711	200,931	231,374	257,332	289,613	428,130	484,785	499,953
102,626	118,846	146,577	178,119	206,942	234,486	268,188	403,431	469,133	474,991
2,682	3,070	4,021	4,510	4,725	4,558	4,640	6,100	9,848	11,512
1,655	1,976	2,334	2,692	2,950	3,250	3,452	3,477	3,677	3,907
27	20	35	37	40	17	24	20	170	61
(366)	1,251	(1,109)	293	(3,168)	3,534	9,771	10,198	(5,610)	(17,942)
15,069	9,596	14,853	15,280	19,885	11,487	3,538	4,904	7,567	27,424
121,693	134,759	166,711	200,931	231,374	257,332	289,613	428,130	484,785	499,953

Table 3.3 - GENERAL GOVERNMENT INCOME  
1960 to  
(In million pesos)

Item	1960	1965	1970	1972	1975	1976
1. General government income from property and entrepreneurship	23	31	65	198	493	626
2. Indirect taxes	1,008	1,583	3,355	4,530	12,850	12,821
3. Direct taxes	350	684	1,309	1,792	3,432	3,858
a. on corporations	273	359	765	865	2,003	2,223
b. on persons	77	325	544	927	1,429	1,635
4. Social security contributions	133	266	431	512	1,310	1,647
5. Current transfers from the rest of the world	26	19	95	126	301	205
CURRENT RECEIPTS	1,540	2,583	5,255	7,158	18,386	19,157
	=====	=====	=====	=====	=====	=====
6. General government consumption expenditures	1,094	2,120	3,514	5,260	10,945	14,050
7. Subsidies	27	88	166	148	361	568
8. Social security benefits	26	55	156	201	581	658
9. Other current transfers to persons	91	116	395	590	1,812	1,253
10. Current transfers to the rest of the world	-	-	15	25	54	66
11. General government savings (dissavings)	302	204	1,009	934	4,633	2,562
CURRENT DISBURSEMENTS	1,540	2,583	5,255	7,158	18,386	19,157
	=====	=====	=====	=====	=====	=====

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

## AND OUTLAY ACCOUNT:

1986

(at current prices)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1,379	1,385	1,528	2,525	3,184	4,138	5,801	7,033	9,317	12,820
14,400	18,235	23,789	26,606	27,408	29,512	35,608	44,697	5,026	53,955
4,643	5,712	6,894	7,912	8,595	9,061	9,439	14,281	18,198	20,187
1,961	2,642	2,873	3,402	3,870	4,503	4,799	8,181	8,350	8,675
2,682	3,070	4,021	4,510	4,725	4,558	4,640	6,100	9,848	11,512
1,655	1,976	2,334	2,692	2,950	3,250	3,452	3,477	3,677	3,907
155	265	209	239	281	407	624	948	2,025	1,915
22,232	27,573	34,754	39,974	42,418	46,368	54,924	70,436	83,433	92,784
14,489	16,564	18,259	21,191	24,792	29,215	29,481	35,567	42,469	48,553
392	573	588	760	776	847	919	777	1,267	1,626
670	994	1,083	1,173	1,418	1,697	1,991	2,295	2,350	2,770
1,678	1,843	2,373	2,486	3,064	3,244	3,952	6,710	13,120	15,057
75	418	824	1,099	991	1,230	1,978	4,598	4,192	6,230
4,928	7,181	11,627	13,265	11,377	10,135	16,603	20,489	20,035	18,548
22,232	27,573	34,754	39,974	42,418	46,368	54,924	70,436	83,433	92,784

Table 3.4 - COMBINED CAPITAL  
1960 to  
(In million pesos)

Item	1960	1965	1970	1972	1975	1976	1977
1. Savings	1,533	3,370	5,067	6,326	18,330	20,260	23,742
a. of persons	1,057	2,791	2,916	4,549	10,457	13,547	15,069
b. of corporations	174	375	1,142	843	3,240	4,151	3,745
c. of general government	302	204	1,009	934	4,633	2,562	4,928
2. Capital consumption allowance	766	1,735	3,714	5,353	11,304	12,873	15,637
3. Capital transfers from the rest of the world, net *	-	-	75	138	235	100	62
<b>FINANCE OF GROSS ACCUMULATION</b>	<b>2,299</b>	<b>5,105</b>	<b>8,856</b>	<b>11,817</b>	<b>29,869</b>	<b>33,233</b>	<b>39,441</b>
4. Gross domestic capital formation	2,247	4,883	8,992	11,573	35,705	41,053	44,251
a. Fixed capital formation	1,892	4,134	6,701	8,831	27,800	32,753	36,322
b. Increase in stocks	355	749	2,291	2,742	7,905	8,300	7,929
5. Net lending (borrowing) to the rest of the world	52	222	(136)	244	(5,836)	(7,820)	(4,810)
<b>GROSS ACCUMULATION</b>	<b>2,299</b>	<b>5,105</b>	<b>8,856</b>	<b>11,817</b>	<b>29,869</b>	<b>33,233</b>	<b>39,441</b>

\* Preliminary estimates as of May 1987.

\*\* Figures for net capital transfers from the rest of the world of 1950, 1955, 1960 and 1965 were included under net lending (borrowing) to the rest of the world.

Source: National Accounts Staff, Statistical Coordination Office, National Economic and Development Authority.

## RECONCILIATION ACCOUNT:

1986

at current prices)

1978	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
26,562	38,539	43,069	47,265	36,518	36,350	23,718	24,433	43,891
9,596	14,853	15,280	19,885	11,487	3,538	4,904	7,567	27,424
9,785	12,059	14,524	16,003	14,896	16,209	(1,675)	(3,169)	(2,081)
7,181	11,627	13,265	11,377	10,135	16,603	20,489	20,035	18,548
16,759	20,538	24,543	30,658	34,664	39,180	53,749	67,222	71,682
10	3	3	0	0	0	0	19	40
43,331	59,080	67,615	77,923	71,182	75,530	77,467	91,674	115,613
=====	=====	=====	=====	=====	=====	=====	=====	=====
51,706	68,840	81,148	93,261	96,521	102,526	91,951	85,402	82,199
42,528	57,459	67,993	79,285	86,026	95,254	100,095	89,974	80,974
9,178	11,381	13,155	13,976	10,495	7,272	(8,144)	(4,572)	1,225
(8,375)	(9,760)	(13,533)	(15,338)	(25,339)	(26,996)	(14,484)	6,272	33,414
43,331	59,080	67,615	77,923	71,182	75,530	77,467	91,674	115,613
=====	=====	=====	=====	=====	=====	=====	=====	=====

Table 3.5 - EXTERNAL TRANSACTIONS  
(In million pesos)

	1960	1965	1970	1972	1975	1976
1. Exports of goods and non-factor services	1,489	4,046	8,095	9,877	21,272	23,248
a. Merchandise, f.o.b.	1,323	2,870	6,608	7,598	16,343	18,593
b. Other exports	166	1,176	1,487	2,279	4,929	4,655
2. Compensation of employees from the rest of the world <sup>2</sup>	-	-	138	333	737	824
3. Property and entrepreneurial income from the rest of the world <sup>2</sup>	(196)	(114)	62	151	1,224	943
4. Current transfer from the rest of the world	219	330	654	1,177	2,127	1,972
a. to general government <sup>2</sup>	26	19	95	126	301	205
b. to persons <sup>2</sup>	193	311	559	1,051	1,826	1,767
CURRENT RECEIPTS	1,512	4,262	8,949	11,538	25,360	26,987
=====	=====	=====	=====	=====	=====	=====
5. Imports of goods and non-factor services	1,460	4,040	8,236	10,334	29,057	31,841
a. Merchandise, f.o.b.	1,242	3,199	6,651	8,462	24,592	26,520
b. Other imports	218	841	1,585	1,872	4,465	5,321
2. Compensation of employees to the rest of the world	-	-	18	21	55	44
3. Property and entrepreneurial income to the rest of the world	-	-	879	1,012	2,244	2,939
4. Current transfer to the rest of the world	0	0	27	65	75	83
a. by general government	-	-	15	25	54	66
b. by persons	-	-	12	40	21	17
CURRENT DISBURSEMENT	1,460	4,040	9,160	11,432	31,431	34,907
=====	=====	=====	=====	=====	=====	=====
9. Surplus of the nation on current transactions	-	-	(211)	106	(6,071)	(7,920)
10. Capital transfers from the rest of the world, net	-	-	75	138	235	100
11. Net lending (borrowing) to the rest of the world	52	222	(136)	244	(5,836)	(7,820)
12. Memorandum item: Net factor income from the rest of the world	(196)	(114)	(697)	(549)	(338)	(1,216)
=====	=====	=====	=====	=====	=====	=====

<sup>1</sup> Preliminary estimates as of May 1987.

<sup>2</sup> Net up to 1965.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

ACCOUNT : 1960 TO 1986  
 at current prices)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
*									
29,306	31,557	41,461	54,181	57,806	56,150	75,267	117,701	126,571	155,104
22,995	24,954	33,506	42,709	44,378	42,136	54,609	88,818	84,126	95,391
6,311	6,603	7,955	11,472	13,428	14,014	20,658	28,883	42,445	59,713
1,341	2,243	4,018	3,837	6,049	9,375	12,246	16,395	19,368	21,257
902	1,328	1,565	2,341	4,121	3,135	3,394	5,539	6,676	4,781
1,950	2,353	2,706	3,273	3,876	4,241	6,227	3,926	7,491	13,175
155	265	209	239	281	406	624	948	2,025	1,915
1,795	2,088	2,497	3,034	3,595	3,834	5,603	2,978	5,466	11,260
33,499	37,481	49,750	63,632	71,852	72,901	97,134	143,561	160,106	194,317
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
34,675	41,321	53,551	68,924	74,359	79,321	101,138	118,382	108,506	116,188
28,550	34,258	44,892	57,056	61,911	64,835	82,234	100,213	92,659	98,615
6,125	7,063	8,659	11,868	12,448	14,486	18,904	18,169	15,847	17,573
41	31	43	65	71	69	74	20	19	122
3,553	4,076	5,060	7,043	11,729	17,603	20,916	35,025	40,966	38,342
102	438	859	1,136	1,031	1,247	2,002	4,618	4,362	6,291
75	418	824	1,099	991	1,230	1,978	4,598	4,192	6,230
27	20	35	37	40	17	24	20	170	61
38,371	45,866	59,513	77,168	87,190	98,240	124,130	158,045	153,853	160,943
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
(4,872)	(8,385)	(9,763)	(13,536)	(15,338)	(25,339)	(26,996)	(14,484)	6,253	33,374
62	10	3	3	0	0	0	0	19	40
(4,810)	(8,375)	(9,760)	(13,533)	(15,338)	(25,339)	(26,996)	(14,484)	6,272	33,414
(1,351)	(536)	480	(930)	(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)
=====	=====	---	---	=====	=====	=====	=====	=====	=====

Table 3.6 - GROSS NATIONAL PRODUCT  
1960 to  
(In million pesos)

Type of expenditure	1960	1965	1970	1972	1975	1976	1977
1. Personal consumption expenditures	10,702	17,949	29,552	39,922	76,165	87,120	102,626
2. General government consumption expenditures	1,094	2,120	3,514	5,260	10,945	14,050	14,489
a. Compensation of employees	781	1,540	2,475	3,357	5,443	6,995	7,153
b. Other expenditures	313	580	1,039	1,903	5,502	7,055	7,336
3. Gross domestic capital formation	2,247	4,883	8,992	11,573	35,705	41,053	44,251
A. Fixed capital formation	1,892	4,134	6,701	8,831	27,800	32,753	36,322
1. Construction	1,088	2,284	2,599	3,565	11,714	16,463	19,643
a. Government	215	322	417	1,034	4,368	6,428	8,125
b. Private	873	1,962	2,182	2,531	7,346	10,035	11,518
2. Durable equipment	804	1,850	4,102	5,266	16,086	16,290	16,679
B. Increase in stocks	355	749	2,291	2,742	7,905	8,300	7,929
4. Exports of goods and non-factor services	1,489	4,046	8,095	9,877	21,272	23,248	29,306
5. Less: Imports of goods and non-factor services	1,460	4,040	8,236	10,334	29,057	31,841	34,675
6. Statistical discrepancy	(43)	(1,462)	531	223	(427)	298	(366)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	14,029	23,496	42,448	56,521	114,603	133,928	155,631
7. Net factor income from the rest of the world	(196)	(114)	(697)	(549)	(338)	(1,216)	(1,351)
EXPENDITURES ON GROSS NATIONAL PRODUCT	13,833	23,382	41,751	55,972	114,265	132,712	154,280

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office, National Economic and Development Authority.

## BY EXPENDITURE SHARES:

1986

(at current prices)

	1978	1979	1980	1981	1982	1983	1984	1985	1986
118,846	146,577	178,119	206,942	234,486	268,188	403,431	469,133	474,991	
16,564	18,259	21,191	24,792	29,215	29,481	35,567	42,469	48,553	
8,465	9,608	11,210	13,606	16,049	16,834	21,125	25,882	31,583	
8,099	8,651	9,981	11,186	13,166	12,647	14,442	16,587	16,970	
51,706	68,840	81,148	93,261	96,521	102,526	91,951	85,402	82,199	
42,528	57,459	67,993	79,285	86,026	95,254	100,095	89,974	80,974	
22,363	32,201	37,368	46,007	51,382	54,361	63,907	56,228	46,199	
10,260	16,105	16,326	20,017	21,993	19,751	20,107	18,696	18,148	
12,103	16,096	21,042	25,990	29,389	34,610	43,800	37,532	28,051	
20,165	25,258	30,625	33,278	34,644	40,893	36,188	33,746	34,775	
9,178	11,381	13,155	13,976	10,495	7,272	(8,144)	(4,572)	1,225	
31,557	41,461	54,181	57,806	56,150	75,267	117,701	126,571	155,104	
41,321	53,551	68,924	74,359	79,321	101,138	118,382	108,506	116,188	
1,251	(1,109)	293	(3,168)	3,534	9,771	10,198	(5,610)	(17,942)	
178,603	220,477	266,008	305,274	340,585	384,095	540,466	609,459	626,717	
(536)	480	(930)	(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	
178,067	220,957	265,078	303,644	335,423	378,745	527,355	594,518	614,291	

Table 3.7 - GROSS NATIONAL PRODUCT  
(In million pesos)

Type of expenditure	1960	1965	1970	1972	1975	1976
1. Personal consumption expenditures	23,631	30,300	37,088	39,922	46,160	47,868
2. General government consumption expenditures	2,495	3,168	4,228	5,260	7,031	7,570
a. Compensation of employees	1,970	2,431	3,051	3,357	3,819	4,015
b. Other expenditures	525	737	1,177	1,903	3,212	3,555
3. Gross domestic capital formation	5,173	8,336	10,835	11,573	18,984	20,225
A. Fixed capital formation	4,368	7,022	7,919	8,831	15,037	16,310
1. Construction	2,093	3,704	3,089	3,565	6,152	8,011
a. Government	417	526	496	1,034	2,294	3,128
b. Private	1,676	3,178	2,593	2,531	3,858	4,883
2. Durable equipment	2,275	3,318	4,830	5,266	8,885	8,299
B. Increase in stocks	805	1,314	2,916	2,742	3,947	3,915
4. Exports of goods and non-factor services	5,110	8,773	8,744	9,877	9,951	11,931
5. Less: Imports of goods and non-factor services	6,253	7,818	9,990	10,334	13,505	13,679
6. Statistical discrepancy	718	(2,967)	109	(223)	(260)	(953)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	30,874	39,792	51,014	56,075	68,361	72,962
7. Net factor income from the rest of the world	(723)	(272)	(979)	(549)	169	(244)
EXPENDITURES ON GROSS NATIONAL PRODUCT	30,151	39,520	50,035	55,526	68,530	72,718

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

BY EXPENDITURE SHARES: 1960 to 1986  
 at constant prices of 1972)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
51,416	54,098	56,555	59,270	61,617	63,535	65,348	66,032	65,977	66,597
7,456	7,788	7,989	8,266	8,598	9,145	8,690	8,255	8,205	8,551
3,909	4,112	4,309	4,557	4,869	5,127	5,043	5,235	5,305	5,675
3,547	3,676	3,680	3,709	3,729	4,018	3,647	3,020	2,900	2,876
20,828	23,089	26,340	26,609	27,220	26,267	24,923	14,215	11,124	10,205
17,108	19,138	22,117	22,737	23,542	23,687	23,012	15,594	11,826	10,081
8,864	9,281	11,109	11,123	12,045	12,521	11,948	9,446	7,114	5,505
3,666	4,252	5,575	4,860	5,243	5,359	4,375	2,985	2,342	2,161
5,198	5,029	5,534	6,263	6,802	7,162	7,573	6,461	4,772	3,344
8,244	9,857	11,008	11,614	11,497	11,166	11,064	6,148	4,712	4,576
3,720	3,951	4,223	3,872	3,678	2,580	1,911	(1,379)	(702)	124
14,168	13,980	15,650	18,148	17,947	17,670	19,262	20,846	19,351	23,560
14,099	16,356	18,765	19,450	18,854	19,507	21,746	18,175	13,995	17,555
(1,779)	198	581	(137)	(321)	1,889	3,443	2,754	(859)	(588)
77,990	82,797	88,350	92,706	96,207	98,999	99,920	93,927	89,803	90,770
(201)	273	390	(77)	(166)	(1,460)	(1,301)	(2,283)	(2,037)	(1,676)
77,789	83,070	88,740	92,629	96,041	97,539	98,619	91,644	87,766	89,094

Table 3.8 - IMPLICIT INDEX NUMBERS FOR GROSS  
 1960 to  
 (Base Year:

Type of expenditure	1960	1965	1970	1972	1975	1976
1. Personal consumption expenditures	45.3	59.2	79.7	100.0	165.0	182.0
2. General government consumption expenditures	43.8	66.9	83.1	100.0	155.7	185.6
a. Compensation of employees	39.6	63.3	81.1	100.0	142.5	174.2
b. Other expenditures	59.6	78.7	88.3	100.0	171.3	198.5
3. Gross domestic capital formation	43.4	58.6	83.0	100.0	188.1	203.0
A. Fixed capital formation	43.3	58.9	84.6	100.0	184.9	200.8
1. Construction	52.0	61.7	84.1	100.0	190.4	205.5
a. Government	51.6	61.2	84.1	100.0	190.4	205.5
b. Private	52.1	61.7	84.2	100.0	190.4	205.5
2. Durable equipment	35.3	55.8	84.9	100.0	181.0	196.3
B. Increase in stocks	44.1	57.0	78.6	100.0	200.3	212.0
4. Exports of goods and non-factor services	29.1	46.1	92.6	100.0	213.8	194.9
5. Less: Imports of goods and non-factor services	23.3	51.7	82.4	100.0	215.2	232.8
EXPENDITURES ON GROSS DOMESTIC PRODUCT	45.4	59.0	83.2	100.0	167.7	183.6
EXPENDITURES ON GROSS NATIONAL PRODUCT	45.9	59.2	83.4	100.0	166.7	182.5

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
 National Economic and Development Authority.

## NATIONAL PRODUCT BY EXPENDITURE SHARES:

1986

1972 = 100)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
199.6	219.7	259.2	300.5	335.9	369.1	410.4	611.0	711.1	713.2
194.3	212.7	228.6	256.4	288.3	319.5	339.3	430.9	517.6	567.8
183.0	205.9	223.0	246.0	279.4	313.0	333.8	403.5	487.9	556.5
206.8	220.3	235.1	269.1	300.0	327.7	346.8	478.2	572.0	590.1
212.5	223.9	261.4	305.0	342.6	367.5	411.4	646.9	767.7	805.5
212.3	222.2	259.8	299.0	336.8	363.2	413.9	641.9	760.8	803.2
221.6	241.0	290.0	336.0	382.0	410.4	455.0	676.6	790.4	839.2
221.6	241.3	289.1	335.9	381.8	410.4	451.5	673.6	798.3	839.8
221.6	240.7	290.9	336.0	382.1	410.4	457.0	677.9	786.5	838.9
202.3	204.6	229.5	263.7	289.5	310.3	369.6	588.6	716.2	759.9
213.1	232.3	269.5	339.7	380.0	406.8	380.5			
206.8	225.7	264.9	298.6	322.1	317.8	390.8	564.6	654.1	658.3
245.9	252.6	285.4	354.4	394.4	406.6	465.1	651.4	775.3	661.9
199.6	215.7	249.6	286.9	317.3	344.0	384.4	575.4	678.7	690.5
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
198.3	214.4	249.0	286.2	316.2	343.9	384.1	575.4	677.4	689.5
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

Table 3.9 - GROSS NATIONAL PRODUCT, NATIONAL  
BY INDUSTRIAL ORIGIN:  
(In million pesos)

Industry	1972	1975	1976	1977	1978
1. AGRICULTURE, FISHERY AND FORESTRY	16,040	32,996	37,341	41,668	47,334
2. INDUSTRIAL SECTOR	17,442	38,692	45,688	54,577	61,961
a. Mining & quarrying	1,346	2,000	2,128	2,488	3,333
b. Manufacturing	13,388	28,544	32,545	39,318	44,404
c. Construction	2,240	7,060	9,784	11,356	12,525
d. Electricity, gas and water	468	1,088	1,231	1,415	1,699
3. SERVICE SECTOR	22,593	42,915	50,899	59,386	69,308
a. Transportation	2,418	4,771	6,072	8,583	9,894
b. Trade	12,688	25,310	29,423	33,984	40,013
c. Finance & Housing	7,487	12,834	15,404	16,819	19,401
d. Services					
GROSS DOMESTIC PRODUCT at market prices	56,075	114,603	133,928	155,631	178,603
Net factor income from abroad	(549)	(338)	(1,216)	(1,351)	(536)
GROSS NATIONAL PRODUCT at market prices	55,526	114,265	132,712	154,280	178,067
Indirect taxes net of subsidies	4,382	11,989	12,253	14,008	17,662
Depreciation	5,353	11,304	12,873	15,637	16,759
NET NATIONAL PRODUCT or NATIONAL INCOME	45,791	90,972	107,586	124,635	143,646

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

INCOME AND GROSS DOMESTIC PRODUCT  
 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986
55,516	61,757	69,391	76,721	84,546	139,505	162,519	163,801
79,796	98,162	111,613	122,571	138,179	186,154	200,544	202,786
5,810	8,095	6,849	6,106	7,021	9,714	11,529	10,198
54,093	65,993	75,151	83,133	95,172	137,251	150,523	154,719
17,769	21,311	26,268	29,302	30,730	31,209	27,506	22,685
2,124	2,763	3,345	4,030	5,256	7,980	10,986	15,184
85,165	106,089	124,270	141,293	161,370	214,807	246,396	260,130
12,377	16,444	19,618	21,376	24,378	33,820	38,263	39,078
50,123	62,556	72,377	56,356	66,094	99,711	118,370	121,243
22,665	27,089	32,275	26,141	30,002	31,203	30,088	32,291
			37,420	40,896	50,073	59,675	67,518
220,477	266,008	305,274	340,585	384,095	540,466	609,459	626,717
480	(930)	(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)
220,957	265,078	303,644	335,423	378,745	527,355	594,518	614,291
23,201	25,846	26,632	28,665	34,689	43,920	48,949	52,329
20,538	24,543	30,658	34,664	39,180	53,749	67,222	71,682
177,218	214,689	246,354	272,094	304,876	429,686	478,347	490,280
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.10 - GROSS NATIONAL PRODUCT, NATIONAL  
BY INDUSTRIAL ORIGIN:  
(In million pesos)

Industry	1972	1975	1976	1977	1978
1. AGRICULTURE, FISHERY AND FORESTRY	16,040	18,218	19,671	20,646	21,620
2. INDUSTRIAL SECTOR	17,442	22,690	24,904	27,554	29,598
a. Mining & quarrying	1,346	1,445	1,491	1,742	1,809
b. Manufacturing	13,388	16,537	17,481	19,532	21,108
c. Construction	2,240	4,101	5,254	5,568	5,913
d. Electricity, gas and water	468	607	678	712	768
3. SERVICE SECTOR	22,593	27,453	28,387	29,790	31,579
a. Transportation	2,418	3,277	3,875	4,235	4,501
b. Trade	12,688	15,056	14,999	15,838	16,861
c. Finance & Housing	7,487	9,120	9,513	9,717	10,217
d. Services					
GROSS DOMESTIC PRODUCT at market prices	56,075	68,361	72,962	77,990	82,797
Net factor income from abroad	(549)	169	(244)	(201)	273
GROSS NATIONAL PRODUCT at market prices	55,526	68,530	72,718	77,789	83,070
Indirect taxes net of subsidies	4,382	7,143	6,674	7,018	8,188
Depreciation	5,353	6,324	6,910	7,534	7,981
NET NATIONAL PRODUCT or NATIONAL INCOME	45,791	55,063	59,134	63,237	66,901
=====	=====	=====	=====	=====	=====

<sup>1</sup> Preliminary estimates as of May 1987

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

INCOME AND GROSS DOMESTIC PRODUCT  
 1972 TO 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986
22,595	23,732	24,608	25,378	24,845	25,409	26,252	27,233
32,343	33,471	34,963	35,714	35,955	32,282	29,000	28,204
2,134	2,236	2,175	2,016	1,966	1,755	1,768	1,558
22,239	23,175	23,959	24,535	25,108	23,319	21,541	21,717
7,121	7,139	7,830	8,079	7,689	5,866	4,258	3,382
849	921	999	1,084	1,192	1,342	1,433	1,547
33,408	35,503	36,636	37,907	39,120	36,236	34,551	35,333
4,613	4,827	5,040	5,165	5,266	5,032	4,953	5,084
18,085	19,345	19,695	13,103	13,930	14,073	14,066	14,337
10,710	11,331	11,901	7,252	7,578	5,134	3,985	4,062
			12,387	12,346	11,997	11,547	11,850
88,346	92,706	96,207	98,999	99,920	93,927	89,803	90,770
390	(77)	(166)	(1,460)	(1,301)	(2,283)	(2,037)	(1,676)
88,736	92,629	96,041	97,539	98,619	91,644	87,766	89,094
9,303	9,009	8,393	8,332	9,024	7,632	7,212	7,578
8,757	9,440	10,544	11,149	11,394	10,936	10,726	10,323
70,676	74,180	77,104	78,058	78,201	73,076	69,828	71,193
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.11 - IMPLICIT PRICE INDEX NUMBERS FOR  
AND GROSS DOMESTIC PRODUCT BY  
(Base year:

Industry	1972	1975	1976	1977	1978
1. AGRICULTURE, FISHERY AND FORESTRY	100.0	181.1	189.8	201.8	218.9
2. INDUSTRIAL SECTOR	100.0	170.5	183.5	198.1	209.3
a. Mining & quarrying	100.0	138.4	142.7	142.8	184.2
b. Manufacturing	100.0	172.6	186.2	201.3	210.4
c. Construction	100.0	172.2	186.2	204.0	211.8
d. Electricity, gas, water	100.0	179.2	181.6	198.7*	221.2
3. SERVICE SECTOR	100.0	156.3	179.3	199.3	219.5
a. Transportation	100.0	145.6	156.7	202.7	219.8
b. Trade	100.0	168.1	196.2	214.6	237.3
c. Finance & Housing	100.0	140.7	161.9	173.1	189.9
d. Services					
GROSS DOMESTIC PRODUCT	100.0	167.6	183.6	199.6	215.7
GROSS NATIONAL PRODUCT	100.0	166.7	182.5	198.3	214.4
Indirect taxes net of subsidies	100.0	167.8	183.6	199.6	215.7
Depreciation	100.0	178.7	186.3	207.6	210.0
NET NATIONAL PRODUCT or NATIONAL INCOME	100.0	165.2	181.9	197.1	214.7
	=====	=====	=====	=====	=====

\* Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

GROSS NATIONAL PRODUCT, NATIONAL INCOME  
 INDUSTRIAL ORIGIN: 1972 TO 1986  
 1972 = 100 )

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
245.7	260.2	282.0	302.3	340.3	549.0	619.1	601.5
247.1	293.3	319.2	343.2	384.3	576.7	691.5	719.0
272.3	362.0	314.9	302.9	357.1	553.5	652.1	654.6
243.9	284.8	313.7	338.8	379.1	588.6	698.8	712.4
249.6	298.5	335.5	362.7	399.7	532.0	646.0	670.8
250.2	300.0	334.8	371.8	440.9	594.6	766.6	981.5
254.9	298.8	339.2	372.7	412.5	592.8	713.1	736.2
268.3	340.7	389.2	413.9	462.9	672.1	772.5	768.7
277.2	323.4	390.9	430.1	474.5	708.5	841.5	845.7
211.6	239.1	271.2	360.5	395.9	607.8	755.0	795.0
			302.1	331.3	417.4	509.8	
249.7	286.9	317.3	344.0	384.4	575.4	678.7	690.5
247.7	286.2	316.2	343.9	384.1	575.4	677.4	689.5
249.7	286.9	317.3	344.0	384.4	575.5	678.7	690.5
243.1	260.0	290.8	310.9	343.9	491.5	626.7	694.4
247.9	289.4	319.5	348.6	389.9	588.0	685.0	688.7
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.12 - PER CAPITA GROSS DOMESTIC PRODUCT,  
CONSUMPTION EXPENDITURES:

Item	1960	1965	1970	1972	1975	1976
<b>A. Estimates in current pesos</b>						
Gross domestic product	512	740	1,152	1,441	2,713	3,082
Gross national product	505	736	1,133	1,427	2,705	3,054
National income	441	634	946	1,177	2,154	2,476
Personal consumption expenditures	391	565	802	1,026	1,803	2,005
<b>B. Estimates in 1972 pesos</b>						
Gross domestic product	1,127	1,253	1,385	1,441	1,618	1,679
Gross national product	1,101	1,244	1,358	1,427	1,622	1,673
National income	965	1,074	1,131	1,177	1,304	1,361
Personal consumption expenditures	863	954	1,007	1,026	1,093	1,102
<b>C. Population as of July 1 (In thousands)</b>						
	27,389	31,770	36,837	38,917	42,240	43,456

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

GROSS NATIONAL PRODUCT, NATIONAL INCOME AND PERSONAL  
 1960 to 1986

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
3,484	3,892	4,681	5,505	6,164	6,707	7,379	10,130	11,148	11,191
3,454	3,880	4,691	5,486	6,131	6,605	7,276	9,885	10,875	10,969
2,790	3,130	3,762	4,443	4,988	5,358	5,857	8,054	8,750	8,754
2,297	2,590	3,112	3,686	4,178	4,617	5,152	7,562	8,581	8,481
1,746	1,804	1,876	1,919	1,943	1,949	1,920	1,761	1,643	1,621
1,741	1,810	1,884	1,917	1,939	1,921	1,895	1,718	1,605	1,591
1,416	1,458	1,500	1,535	1,561	1,537	1,502	1,370	1,277	1,271
1,151	1,179	1,201	1,227	1,244	1,251	1,255	1,238	1,207	1,189
44,673	45,888	47,104	48,317	49,526	50,783	52,055	53,351	54,668	56,004

Table 3.13 - GROSS VALUE ADDED IN AGRICULTURE, FISHERY  
(In million pesos)

Type of production	1972	1975	1976	1977	1978
AGRICULTURAL CROPS	8,860	20,566	23,327	25,621	28,594
Palay	2,746	5,616	6,254	6,346	6,936
Corn	1,011	2,041	2,320	2,709	2,780
Coconut including copra	1,155	2,808	3,100	3,756	4,058
Sugar cane	1,065	2,601	2,548	2,118	2,175
Banana	602	1,896	2,239	2,624	3,200
Other crops	2,281	5,604	6,866	8,068	9,445
LIVESTOCK	1,762	2,728	2,860	3,052	3,396
POULTRY	724	1,295	1,481	1,780	2,134
FISHERY	2,682	5,574	6,368	7,474	8,473
FORESTRY	2,012	2,833	3,305	3,741	4,737
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	16,040	32,996	37,341	41,668	47,334
	=====	=====	=====	=====	=====

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

AND FORESTRY BY INDUSTRY GROUP: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>f</sup>
34,265	36,328	40,386	44,198	47,779	83,470	98,819	95,388
7,700	9,078	10,901	11,944	12,225	21,417	29,251	27,446
2,887	3,481	4,044	4,563	4,272	7,710	10,687	10,855
5,861	3,036	3,066	3,053	5,221	10,975	8,837	7,460
2,508	2,699	3,182	4,053	3,286	5,329	3,358	3,171
3,931	4,845	5,141	5,236	2,538	3,954	4,495	4,450
11,378	13,189	14,052	15,349	20,237	34,085	42,191	42,006
3,858	3,838	4,195	4,616	5,330	9,435	10,068	10,969
2,733	3,649	4,838	5,779	7,106	11,441	14,783	14,865
9,541	11,199	13,821	14,777	16,790	23,116	27,984	32,705
5,119	6,743	6,151	7,351	7,541	12,043	10,865	9,874
55,516	61,757	69,391	76,721	84,546	139,505	162,519	163,801
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.14 - GROSS VALUE ADDED IN AGRICULTURE, FISHERY  
(In million pesos)

Type of production	1972	1975	1976	1977	1978
AGRICULTURAL CROPS	8,860	11,198	12,069	12,707	13,282
Palay	2,746	3,354	3,395	3,792	3,767
Corn	1,011	1,228	1,240	1,357	1,439
Coconut including copra	1,155	1,135	1,437	1,327	1,330
Sugarcane	1,065	1,358	1,640	1,344	1,295
Banana	602	1,264	1,402	1,733	2,053
Other crops	2,281	2,859	2,955	3,154	3,398
LIVESTOCK	1,762	1,704	1,740	1,808	1,912
POULTRY	724	865	968	1,057	1,207
FISHERY	2,682	3,186	3,300	3,491	3,655
FORESTRY	2,012	1,265	1,594	1,583	1,564
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	16,040	18,218	19,671	20,646	21,620

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

AND FORESTRY BY INDUSTRY GROUP: 1972 TO 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>t</sup>
14,149	14,996	15,418	15,932	14,968	15,564	16,434	17,198
3,948	4,169	4,307	4,489	3,900	4,201	4,665	4,973
1,423	1,447	1,494	1,522	1,373	1,470	1,698	1,847
1,270	1,313	1,396	1,306	1,210	952	1,420	1,821
1,366	1,322	1,337	1,544	1,133	1,332	829	775
2,183	2,402	2,356	2,358	903	908	931	935
3,959	4,343	4,528	4,713	6,449	6,701	6,891	6,847
1,957	1,841	1,925	2,017	2,170	2,162	2,114	2,283
1,387	1,633	1,958	2,192	2,481	2,589	2,576	2,547
3,667	3,876	4,132	4,254	4,407	4,329	4,422	4,551
1,435	1,386	1,175	983	819	765	706	654
22,595	23,732	24,608	25,378	24,845	25,409	26,252	27,233
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.15 - IMPLICIT PRICE INDEX NUMBERS  
FISHERY AND FORESTRY  
(Base year:

Type of production	1972	1975	1976	1977	1978
AGRICULTURAL CROPS	100.0	183.7	193.3	201.6	215.3
Palay	100.0	167.4	184.2	167.4	184.1
Corn	100.0	166.2	187.1	199.6	193.2
Coconut including copra	100.0	247.4	215.7	283.0	305.1
Sugarcane	100.0	191.5	155.4	157.6	168.0
Banana	100.0	150.0	159.7	151.4	155.9
Other crops	100.0	196.0	232.4	255.8	278.0
LIVESTOCK	100.0	160.1	164.4	168.8	177.6
POULTRY	100.0	149.7	153.0	168.4	176.8
FISHERY	100.0	175.0	193.0	214.1	231.8
FORESTRY	100.0	224.0	207.3	236.3	302.9
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	100.0	181.1	189.8	201.8	218.9
	=====	=====	=====	=====	=====

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

OF GROSS VALUE ADDED IN AGRICULTURE,  
 BY INDUSTRY GROUP: 1972 TO 1986  
 1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
242.2	242.3	261.9	277.4	319.2	536.3	601.3	554.7
195.0	217.8	253.1	266.1	313.5	509.8	627.0	551.9
202.9	240.6	270.7	299.8	311.1	524.5	629.4	587.7
461.5	231.2	219.6	233.8	431.5	1152.8	622.3	409.7
183.6	204.2	238.0	262.5	290.0	400.1	405.1	409.2
180.1	201.7	218.2	222.1	281.1	435.5	482.8	475.9
287.4	303.7	310.3	325.7	313.8	508.7	612.3	613.5
197.1	208.5	217.9	228.9	245.6	436.4	476.3	480.5
197.0	223.5	247.1	263.6	286.4	441.9	573.9	583.6
260.2	288.9	334.5	347.4	381.0	534.0	632.8	718.6
356.7	486.5	523.5	747.8	920.8	1574.3	1539.0	1509.8
245.7	260.2	282.0	302.3	340.3	549.0	619.1	601.5
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.16 - GROSS VALUE ADDED IN MINING  
(In million pesos)

Type of production	1972	1975	1976	1977	1978
1. Copper mining	1,011	1,026	1,129	1,032	1,283
2. Gold mining	109	473	304	441	665
3. Iron ore mining <sup>2</sup>	70	36	-	-	-
4. Chromium ore mining	29	77	120	209	220
5. Nickel <sup>3</sup>	-	24	44	198	122
6. Other metal mining <sup>4</sup>	27	75	102	99	212
7. Stone quarrying, clay and sand pits <sup>5</sup>	64	140	249	354	701
8. Other non-metallic mining and quarrying <sup>6</sup>	36	149	180	155	130
GROSS VALUE ADDED IN MINING AND QUARRYING	1,346	2,000	2,128	2,488	3,333
	====	====	====	====	====

<sup>1</sup> Preliminary estimates as of May 1987.

<sup>2</sup> From 1976 to 1981, data for iron ore were included under other metal mining.

<sup>3</sup> For 1970 and 1972, data for nickel were included under other metal mining.

<sup>4</sup> Includes nickel, manganese ore, quicksilver, lead, zinc, pyrite cinders, silver and molybdenum mining.

<sup>5</sup> Includes gravel and sand, adobe, marble, feldspar, dolomite silica, limestone mining and quarrying and clay pits.

<sup>6</sup> Includes coal, salt, pyrite, guano, gypsum, asbestos, talc, tuff, sulphur mining and quarrying.

Source: National Accounts Staff, Statistical Coordination Office, National Economic and Development Authority.

AND QUARRYING INDUSTRY GROUP: 1972 to 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986
2,713	3,068	2,074	1,616	1,784	2,915	3,427	3,418
1,109	2,951	2,561	2,427	3,018	4,263	4,818	4,413
-	-	-	-	-	-	-	-
258	232	227	196	197	332	350	187
147	199	98	46	38	33	386	70
633	625	453	146	153	169	333	109
736	774	1,074	1,215	1,270	1,517	1,303	1,287
214	246	362	460	561	485	912	714
5,810	8,095	6,849	6,106	7,021	9,714	11,529	10,198
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.17 - GROSS VALUE ADDED IN MINING  
(In million pesos)

Type of production	1972	1975	1976	1977	1978
1. Copper mining	1,011	1,106	1,164	1,336	1,284
2. Gold mining	109	93	93	104	108
3. Iron ore mining <sup>2</sup>	70	44	-	-	-
4. Chromium ore mining	29	45	37	45	45
5. Nickel <sup>3</sup>	-	12	20	75	56
6. Other metal mining <sup>4</sup>	27	29	46	45	140
7. Stone quarrying, clay and sand pits <sup>5</sup>	64	72	87	90	125
8. Other non-metallic mining and quarrying <sup>6</sup>	36	44	44	47	51
GROSS VALUE ADDED IN MINING AND QUARRYING	1,346	1,445	1,491	1,742	1,809
	=====	=====	=====	=====	=====

<sup>1</sup>Preliminary estimates as of May 1987.

<sup>2</sup>From 1976 to 1981, data for iron ore were included under other metal mining.

<sup>3</sup>For 1970 and 1972, data for nickel were included under other metal mining.

<sup>4</sup>Includes nickel, manganese ore, quicksilver, lead, zinc, pyrite cinders, silver and molybdenum mining.

<sup>5</sup>Includes gravel and sand, adobe, marble, feldspar, dolomite

<sup>6</sup>silica, limestone mining and quarrying and clay pits.

Includes coal, salt, pyrite, guano, gypsum, asbestos, talc, tuff, sulphur mining and quarrying.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

AND QUARRYING BY INDUSTRY GROUP: 1972 to 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986
1,463	1,493	1,482	1,332	1,284	1,154	1,075	1,048
99	119	139	151	147	134	187	128
-	-	-	-	-	-	-	-
47	42	37	26	22	21	24	11
59	88	35	22	18	18	32	17
235	204	84	43	30	22	52	16
167	216	297	321	328	272	194	184
64	74	101	121	137	134	204	154
2,134	2,236	2,175	2,016	1,966	1,755	1,768	1,558
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.18 - IMPLICIT PRICE INDEX NUMBERS OF  
BY INDUSTRY GROUP:  
(Base year:

Type of production	1972	1975	1976	1977	1978
1. Copper mining	100.0	92.8	97.0	77.2	99.9
2. Gold mining	100.0	506.8	326.9	424.0	615.7
3. Iron ore mining <sup>2</sup>	100.0	81.8	-	-	-
4. Chromium ore mining	100.0	171.1	324.3	464.4	488.9
5. Nickel <sup>3</sup>	-	200.0	220.0	264.0	217.9
6. Other metal mining <sup>4</sup>	100.0	258.6	221.7	220.0	151.4
7. Stone quarrying, clay and sand pits <sup>5</sup>	100.0	194.4	286.2	393.3	560.8
8. Other non-metallic mining and quarrying <sup>6</sup>	100.0	338.6	409.1	329.8	254.9
GROSS VALUE ADDED IN MINING AND QUARRYING	100.0	138.4	142.7	142.8	184.2
	=====	=====	=====	=====	=====

<sup>1</sup> Preliminary estimates as of May 1987.

<sup>2</sup> From 1976 to 1981, data for iron ore were included under other metal mining.

<sup>3</sup> For 1970 and 1972, data for nickel were included under other metal mining.

<sup>4</sup> Includes nickel, manganese ore, quicksilver, lead, zinc, pyrite cinders, silver and molybdenum mining.

<sup>5</sup> silica, limestone mining and quarrying and clay pits.

<sup>6</sup> Includes gravel and sand, adobe, marble, feldspar, dolomite, silica, limestone mining and quarrying and clay pits.

<sup>6</sup> Includes coal, salt, pyrite, guano, gypsum, asbestos, talc, tuff, sulphur mining and quarrying.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

GROSS VALUE ADDED IN MINING AND QUARRYING  
 1972 to 1986  
 1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986
185.4	205.5	139.9	121.3	138.9	252.6	318.8	326.2
1,120.2	2,479.8	1,842.4	1,607.3	2,053.1	3,181.3	2,576.5	3447.7
-	-	-	-	-	-	-	-
548.9	552.4	613.5	753.8	895.5	1,581.0	1,458.3	1700.0
249.2	226.1	280.0	209.1	211.1	183.3	1206.3	411.8
269.4	306.4	539.3	339.5	510.0	768.2	640.4	681.3
440.7	358.3	361.6	378.5	387.2	557.7	671.7	699.5
334.4	332.4	358.4	380.2	409.5	361.9	447.1	463.6
272.3	362.0	314.9	302.9	357.1	553.5	652.1	654.6
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.19 - GROSS VALUE ADDED IN MANUFACTURING  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
Food manufactures	3,623	7,231	8,241	9,605	15,529
Beverage industries	724	1,264	1,429	2,254	1,850
Tobacco manufactures	950	1,876	2,084	2,193	868
Textile manufactures	798	1,687	2,154	3,216	4,325
Footwear, wearing apparel	431	834	982	1,107	841
Wood and cork products	582	871	1,148	1,144	1,561
Furniture and fixtures	86	131	156	223	325
Paper and paper products	345	826	1,009	1,030	627
Publishing and printing	265	557	608	691	450
Leather and leather products	22	42	50	61	51
Rubber products	220	400	398	574	558
Chemicals and chemical products	1,812	3,530	4,254	5,224	4,240
Products of petroleum and coal	1,048	3,526	3,625	4,170	5,871
Non-metallic mineral products	445	954	1,087	1,275	1,159
Basic metal industries	409	1,373	1,629	1,631	1,444
Metal products	401	678	729	1,071	1,272
Machinery except electrical	184	303	336	652	922
Electrical machinery	355	751	727	1,367	1,161
Transport equipment	516	1,447	1,586	1,487	1,120
Miscellaneous manufactures	172	264	313	345	230
GROSS VALUE ADDED IN MANUFACTURING	13,388	28,545	32,545	39,320	44,404

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

BY INDUSTRY GROUP: 1972 to 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986
16,530	20,026	23,694	27,189	31,388	49,745	56,062	56,745
2,268	2,684	2,818	3,083	3,471	4,544	5,254	5,101
2,362	2,544	2,806	2,973	3,277	4,394	5,890	5,052
4,277	4,622	5,161	5,261	5,794	7,586	7,551	9,878
3,013	3,657	4,567	4,983	5,852	8,672	10,140	12,276
2,080	2,426	2,882	3,042	3,431	3,923	4,076	3,130
254	327	375	404	435	599	606	701
878	919	967	920	1,115	1,865	1,864	2,101
541	632	747	827	936	1,505	1,887	2,240
111	172	191	201	208	336	356	330
712	780	900	1,029	1,125	1,766	1,745	1,900
5,142	5,918	5,983	6,105	7,227	10,334	10,424	10,826
6,051	9,535	10,651	11,617	13,000	19,184	18,304	15,957
1,421	1,828	1,978	2,285	2,506	2,956	2,668	2,805
2,079	2,237	2,217	2,612	3,126	5,068	6,459	6,327
1,686	1,919	1,945	2,283	2,639	2,768	3,638	3,678
1,134	1,377	1,610	1,824	2,043	1,916	2,333	2,518
1,529	2,006	2,844	3,383	4,471	6,405	6,097	7,567
1,381	1,530	1,757	1,841	1,667	462	647	690
644	854	1,058	1,264	1,461	3,223	4,522	4,897
54,093	65,993	75,151	83,126	95,172	137,251	150,523	154,719

Table 3.20 - GROSS VALUE ADDED IN MANUFACTURING  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
Food manufactures	3,623	4,245	4,558	4,922	8,622
Beverage industries	724	808	859	1,158	685
Tobacco manufactures	950	1,542	1,556	1,590	438
Textile manufactures	798	923	1,097	1,348	1,212
Footwear, wearing apparel	431	591	628	682	344
Wood and cork products	582	471	558	588	518
Furniture and fixtures	86	74	79	90	157
Paper and paper products	345	486	538	520	195
Publishing and printing	265	447	455	475	283
Leather and leather products	22	30	31	34	26
Rubber products	220	263	232	290	292
Chemicals and chemical products	1,812	2,165	2,462	2,787	2,162
Products of petroleum and coal	1,048	1,230	1,134	1,143	1,657
Non-metallic mineral products	445	597	613	654	520
Basic metal industries	409	587	631	787	742
Metal products	401	398	389	465	932
Machinery except electrical	184	190	195	234	618
Electrical machinery	355	443	394	605	821
Transport equipment	516	842	854	931	775
Miscellaneous manufactures	172	205	218	229	109
GROSS VALUE ADDED IN MANUFACTURING	13,388	16,537	17,481	19,532	21,108

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

BY INDUSTRY GROUP: 1972 to 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
7,865	8,419	8,803	9,099	9,246	9,344	8,646	8,727
707	732	730	747	763	805	796	733
1,038	1,039	1,100	1,114	1,117	890	970	747
1,071	1,049	1,095	1,053	1,050	949	734	89
932	1,019	1,189	1,224	1,247	1,299	1,213	1,378
686	665	707	704	716	588	536	388
114	132	139	140	142	142	109	120
202	191	188	172	196	182	158	172
301	324	344	359	368	370	389	430
49	68	70	71	66	63	69	61
312	302	311	324	316	334	281	290
2,321	2,365	2,317	2,273	2,315	1,797	1,704	1,584
1,398	1,373	1,287	1,313	1,351	1,259	1,153	1,156
535	574	540	569	587	481	375	377
865	853	791	856	947	1,121	1,070	1,018
1,040	1,041	977	1,052	1,091	740	746	725
670	726	764	787	797	442	409	429
1,005	1,153	1,401	1,475	1,717	1,964	1,600	1,913
898	885	910	883	742	124	136	130
230	265	296	320	334	425	447	448
22,239	23,175	23,959	24,535	25,108	23,319	21,541	21,717
=====	=====	=====	=====	=====	=====	=====	=====

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

Industry group	1972	1975	1976	1977	1978
Food manufactures	100.0	170.3	180.8	195.1	180.1
Beverage industries	100.0	156.4	166.4	194.6	270.1
Tobacco manufactures	100.0	121.6	133.9	137.9	198.2
Textile manufactures	100.0	182.8	196.4	238.6	356.8
Footwear, wearing apparel	100.0	141.1	156.4	162.3	244.5
Wood and cork products	100.0	184.9	205.7	194.6	301.4
Furniture and fixtures	100.0	177.0	197.5	247.8	207.0
Paper and paper products	100.0	170.0	187.5	198.1	321.5
Publishing and printing	100.0	124.6	133.6	145.5	159.0
Leather and leather products	100.0	140.0	161.3	179.4	196.2
Rubber products	100.0	152.1	171.6	197.9	191.1
Chemicals and chemical products	100.0	163.0	172.8	187.4	196.1
Products of petroleum and coal	100.0	286.7	319.7	364.8	354.3
Non-metallic mineral products	100.0	159.8	177.3	195.0	222.9
Basic metal industries	100.0	233.9	258.2	207.2	194.6
Metal products	100.0	170.4	187.4	230.3	136.5
Machinery except electrical	100.0	159.5	172.3	278.6	149.2
Electrical machinery	100.0	169.5	184.5	226.0	141.4
Transport equipment	100.0	171.9	185.7	159.7	144.5
Miscellaneous manufactures	100.0	128.8	143.6	150.7	211.0
GROSS VALUE ADDED IN MANUFACTURING	100.0	172.6	186.2	201.3	210.4
	=====	=====	=====	=====	=====

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

## GROSS VALUE ADDED IN MANUFACTURING

1972 to 1986

(1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
206.8	237.9	269.2	298.8	339.5	532.4	648.4	650.2
320.3	366.7	386.0	412.7	454.9	564.5	660.1	695.9
221.4	244.9	255.1	266.9	293.4	493.7	607.2	676.3
398.5	440.6	471.3	499.6	551.8	799.4	1,028.8	1,108.6
287.5	358.9	384.1	407.1	469.3	667.6	781.8	890.9
373.2	364.8	407.6	432.1	479.2	667.2	760.5	806.7
221.0	247.7	269.8	288.6	306.3	421.8	556.0	584.2
388.1	481.2	514.4	535.5	568.9	1,024.7	1,179.8	1,221.5
178.5	195.1	217.2	230.4	254.4	406.8	485.1	520.9
241.4	252.9	272.9	283.1	315.2	533.3	515.9	541.0
220.4	258.3	289.4	317.6	356.0	528.7	621.0	655.2
229.5	250.2	258.2	268.6	312.2	575.1	611.7	683.5
443.7	694.5	827.6	884.8	962.3	1,523.8	1,587.5	1,380.4
265.4	318.5	366.3	402.3	426.9	614.6	711.5	744.0
239.6	262.3	280.3	305.4	330.1	452.1	603.6	621.5
160.4	184.3	199.1	217.0	241.9	374.1	487.7	507.3
169.2	189.7	210.7	231.8	256.3	433.5	570.4	587.0
150.9	174.0	203.0	229.4	260.4	326.1	381.1	395.6
154.0	172.9	193.1	208.5	224.7	372.6	475.7	530.8
232.6	322.3	357.4	395.0	437.4	758.4	1,011.6	1,093.1
243.2	284.8	313.7	338.8	379.1	588.6	696.1	712.4
=====	=====	=====	=====	=====	=====	=====	=====

Table 3.22 - GROSS VALUE OF CONSTRUCTION AND GROSS  
(In million pesos)

Type of construction	1972	1975	1976	1977	1978
GROSS VALUE	3,565	11,714	16,463	19,643	22,363
1. Government	1,034	4,368	6,428	8,125	10,260
2. Private	2,531	7,346	10,035	11,518	12,103
a. Residential	1,569	4,033	5,327	6,307	6,748
b. Non-residential	962	3,313	4,708	5,211	5,355
GROSS VALUE ADDED	2,240	7,060	9,784	11,356	12,525
1. Government	646	2,525	3,715	4,697	5,682
2. Private	1,594	4,535	6,069	6,659	6,843

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.23 - GROSS VALUE OF CONSTRUCTION AND GROSS  
(In million pesos)

Type of construction	1972	1975	1976	1977	1978
GROSS VALUE	3,565	6,152	8,011	8,864	9,281
1. Government	1,034	2,294	3,128	3,666	4,252
2. Private	2,531	3,858	4,883	5,198	5,029
a. Residential	1,569	2,118	2,592	2,846	2,804
b. Non-residential	962	1,740	2,291	2,352	2,225
GROSS VALUE ADDED	2,240	4,101	5,254	5,568	5,913
1. Government	646	1,482	2,022	2,301	2,686
2. Private	1,594	2,619	3,232	3,267	3,227

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

VALUE ADDED BY TYPE OF CONSTRUCTION: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
32,201	37,368	46,007	51,382	54,361	63,907	56,228	46,199
16,105	16,326	20,017	21,993	19,751	20,107	18,696	18,148
16,096	21,042	25,990	29,389	34,610	43,800	37,532	28,051
8,854	11,389	14,783	18,164	-	-	-	-
7,242	9,653	11,207	11,225	-	-	-	-
17,769	21,311	26,268	29,302	30,730	31,209	27,506	22,685
8,887	9,311	11,446	12,542	11,260	9,840	9,922	9,500
8,882	12,000	14,822	16,760	19,470	21,369	17,584	13,185

VALUE ADDED BY TYPE OF CONSTRUCTION: 1972 TO 1986  
 constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
11,105	11,123	12,045	12,521	11,948	9,446	7,114	5,505
5,571	4,860	5,243	5,359	4,375	2,985	2,342	2,161
5,534	6,263	6,802	7,162	7,573	6,461	4,772	3,344
3,044	3,390	3,869	4,426	-	-	-	-
2,490	2,873	2,933	2,736	-	-	-	-
7,121	7,139	7,830	8,079	7,689	5,866	4,258	3,382
3,571	3,119	3,407	3,457	2,834	1,857	1,525	1,411
3,550	4,020	4,423	4,622	4,855	4,009	2,733	1,971

Table 3.24 - IMPLICIT PRICE INDEX NUMBERS  
GROSS VALUE ADDED BY TYPE  
(Base year:

Type of construction	1972	1975	1976	1977	1978
GROSS VALUE	100.0	190.4	205.5	221.6	241.0
1. Government	100.0	190.4	205.5	221.6	241.3
2. Private	100.0	190.4	205.5	221.6	240.7
a. Residential	100.0	190.4	205.5	221.6	240.7
b. Non-residential	100.0	190.4	205.5	221.6	240.7
GROSS VALUE ADDED	100.0	172.2	186.2	204.0	211.8
1. Government	100.0	170.4	183.7	204.1	211.5
2. Private	100.0	173.2	187.8	203.8	212.1

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.25 - GROSS VALUE ADDED IN ELECTRICITY  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Electricity and gas	436.0	957.0	1,091.0	1,265.0	1,519.0
2. Water	32.0	131.0	139.0	150.0	180.0
ELECTRICITY, GAS AND WATER	468.0	1,088.0	1,230.0	1,415.0	1,699.0

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

OF GROSS VALUE OF CONSTRUCTION AND  
OF CONSTRUCTION: 1972 TO 1986  
(1972 = 100)

	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
290.1	336.0	382.0	410.4	455.0	676.6	790.4	839.2	
289.1	335.9	381.8	410.5	451.5	673.6	798.3	839.8	
290.9	336.0	382.1	410.3	457.0	677.9	786.5	838.9	
290.9	336.0	382.1	410.4	-	-	-	-	
290.8	336.0	382.1	410.3	-	-	-	-	
249.6	298.5	335.5	362.7	399.7	532.0	646.0	670.8	
248.9	298.5	336.0	362.8	397.3	529.9	650.6	673.3	
350.2	298.5	335.1	362.6	401.0	533.0	643.4	669.0	

AND WATER BY INDUSTRY GROUP: 1972 TO 1986  
at current prices)

	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
1,877.0	2,428.0	2,885.0	3,449.0	4,561.0	7,090.0	9,799.0	13,519.0	
247.0	335.0	460.0	581.0	695.0	890.0	1,187.0	1,665.0	
2,124.0	2,763.0	3,345.0	4,030.0	5,256.0	7,980.0	10,986.0	15,184.0	

Table 3.26 - GROSS VALUE ADDED IN ELECTRICITY,  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Electricity and gas	436	547	612	637	681
2. Water	32	60	66	75	87
ELECTRICITY, GAS AND WATER	468	607	678	712	768

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.27 - IMPLICIT PRICE INDEX NUMBERS  
GAS AND WATER BY  
(Base year:

Industry group	1972	1975	1976	1977	1978
1. Electricity and gas	100.0	175.0	178.3	198.6	223.1
2. Water	100.0	218.3	212.1	200.0	206.9
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	100.0	179.2	181.6	198.7	221.2

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

GAS AND WATER BY INDUSTRY GROUP: 1972 TO 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986
751	813	872	941	1,029	1,159	1,229	1,325
98	108	127	143	163	183	204	222
849	921	999	1,084	1,192	1,342	1,433	1,547

OF GROSS VALUE ADDED IN ELECTRICITY  
 INDUSTRY GROUP: 1972 TO 1986  
 1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986
249.9	298.6	330.8	366.5	443.3	611.7	797.3	1,020.3
252.0	310.2	362.2	406.3	426.4	486.3	581.9	750.0
250.2	300.0	334.8	371.8	440.9	594.6	766.6	981.5

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

Industry group	1972	1975	1976	1977	1978
1. Transport and Storage	2,029	4,025	5,175	7,578	8,732
a. Land	861	1,738	2,595	4,008	4,661
b. Water	511	865	1,049	1,249	1,394
c. Air	223	601	672	813	969
d. Storage and services incidental to transport	434	821	859	1,508	1,708
2. Communication	389	746	897	1,005	1,162
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	2,418	4,771	6,072	8,583	9,894

<sup>1</sup>Preliminary estimates as of May 1987.  
Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

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

Industry group	1972	1975	1976	1977	1978
1. Transport and Storage	2,029	2,730	3,244	3,545	3,754
a. Land	861	1,113	1,616	1,761	1,879
b. Water	511	663	757	793	817
c. Air	223	395	320	325	358
d. Storage and services incidental to transport	434	559	551	666	700
2. Communication	389	547	631	690	747
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	2,418	3,277	3,875	4,235	4,501

<sup>1</sup>Preliminary estimates as of May 1987.  
Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

AND STORAGE BY INDUSTRY GROUP: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
10,907	14,528	17,311	18,735	20,818	28,245	32,204	32,330
5,881	7,992	9,792	10,650	12,120	17,619	20,262	20,399
1,744	2,148	2,382	2,459	2,606	3,139	3,484	3,377
1,164	1,529	1,785	1,940	2,105	2,899	3,077	3,103
2,118	2,859	3,352	3,686	3,987	4,588	5,381	5,451
1,470	1,916	2,307	2,641	3,560	5,575	6,059	6,748
12,377	16,444	19,618	21,376	24,378	33,820	38,263	39,078

AND STORAGE BY INDUSTRY GROUP: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
3,807	3,937	4,066	4,123	4,153	3,860	3,813	3,852
1,915	1,957	2,051	2,091	2,149	2,193	2,200	2,235
845	853	841	818	792	644	613	607
317	332	342	351	354	376	367	369
730	795	832	863	858	647	633	641
806	890	974	1,042	1,113	1,172	1,140	1,232
4,613	4,827	5,040	5,165	5,266	5,032	4,953	5,084

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

Industry group	1972	1975	1976	1977	1978
1. Transport and Storage	100.0	147.4	159.5	213.8	232.6
a. Land	100.0	156.2	160.6	227.6	248.1
b. Water	100.0	130.5	138.6	157.5	170.6
c. Air	100.0	152.2	210.0	250.2	270.7
d. Storage and services incidental to transp	100.0	146.9	155.9	226.4	244.0
2. Communication	100.0	136.4	142.2	145.7	155.6
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	100.0	145.6	156.7	202.7	219.8

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

GROSS VALUE ADDED IN TRANSPORT,  
 INDUSTRY GROUP: 1972 TO 1986  
 1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
286.5	369.0	425.8	454.4	501.3	731.7	844.5	839.3
307.1	408.4	477.4	509.3	564.0	803.4	921.0	912.7
206.4	251.8	283.2	300.6	329.0	487.4	568.3	556.3
367.2	460.5	521.9	552.7	594.6	771.0	838.4	840.9
290.1	359.6	402.9	427.1	464.7	709.1	850.1	850.4
182.4	215.3	236.9	253.5	319.9	475.7	531.5	547.7
268.3	340.7	389.2	413.9	462.9	672.1	772.5	768.7

Table 3.31 - GROSS VALUE ADDED IN FINANCE AND  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Banks	1,093	2,536	2,843	3,296	4,147
2. Non-banks	300	1,097	1,320	1,557	1,798
3. Insurance	618	1,218	1,401	1,580	1,626
4. Real estate	1,224	1,511	1,447	1,477	1,651
5. Ownership of dwellings	2,379	2,976	3,337	3,798	4,358
GROSS VALUE ADDED IN FINANCE AND HOUSING	5,614	9,338	10,348	11,708	13,580

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.32 - GROSS VALUE ADDED IN FINANCE AND  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Banks	1,093	1,519	1,560	1,645	1,893
2. Non-banks	300	657	722	777	844
3. Insurance	618	731	768	788	751
4. Real estate	1,224	1,102	796	730	741
5. Ownership of dwellings	2,379	2,555	1,841	1,850	1,935
GROSS VALUE ADDED IN FINANCE AND HOUSING	5,614	6,564	5,687	5,790	6,164

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

HOUSING BY INDUSTRY GROUP: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
5,534	6,630	7,300	8,460	9,633	6,207	25	1,708
2,138	2,955	2,163	2,139	2,398	2,264	2,227	1,241
1,934	2,864	3,396	3,926	4,222	5,369	6,502	6,783
1,805	2,396	2,956	3,589	4,315	3,773	3,331	3,897
5,195	5,661	6,797	8,027	9,434	13,590	18,003	18,662
16,606	20,506	22,612	26,141	30,002	31,203	30,088	32,291

HOUSING BY INDUSTRY GROUP: 1972 TO 1986  
 at constant prices of 1972)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
2,248	2,298	2,240	2,309	2,411	1,006	4	223
867	1,025	655	596	610	367	293	162
772	983	1,024	1,094	1,077	870	855	886
697	792	880	962	1,055	628	442	482
1,976	2,023	2,165	2,291	2,425	2,263	2,391	2,309
6,560	7,121	6,964	7,252	7,578	5,134	3,985	4,062

Table 3.33 - IMPLICIT PRICE INDEX NUMBERS OF GROSS VALUE ADDED  
(Base year:

Industry group	1972	1975	1976	1977	1978
1. Banks	100.0	167.0	182.2	200.4	219.1
2. Non-banks	100.0	167.0	182.8	200.4	213.0
3. Insurance	100.0	166.6	182.4	200.5	216.5
4. Real estate	100.0	137.1	181.8	202.3	222.8
5. Ownership of dwellings	100.0	116.5	181.3	205.3	225.2
GROSS VALUE ADDED IN FINANCE AND HOUSING	100.0	142.3	182.0	202.3	220.3

<sup>1</sup>Preliminary estimates as of May 1987.  
Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.34 - GROSS VALUE ADDED IN SERVICES  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Government	3,357	5,863	7,267	7,473	8,735
2. Private	4,130	7,151	8,137	9,346	10,666
Educational	448	736	841	966	1,113
Medical and health	408	1,143	1,420	1,614	1,908
Business	674	1,055	1,094	1,172	1,401
Recreational	352	610	656	831	934
Personal	645	939	1,011	1,181	1,301
Hotels and restaurant	861	1,410	1,676	1,944	2,203
Others	742	1,258	1,439	1,638	1,806
GROSS VALUE ADDED IN SERVICES	7,487	13,014	15,404	16,819	19,401

<sup>1</sup>Preliminary estimates as of May 1987.  
Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

IN FINANCE AND HOUSING BY INDUSTRY GROUP: 1972 TO 1986  
 1972 = 100)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
246.2	288.5	325.9	366.4	399.6	617.0	625.0	766.1
246.6	288.3	330.2	358.9	393.1	616.9	760.1	766.1
250.5	291.4	331.6	358.9	392.0	617.1	760.5	765.6
259.0	302.5	335.9	373.1	409.0	600.0	753.6	808.5
262.9	279.8	313.9	350.4	389.0	600.5	753.0	808.2
253.1	288.0	324.7	360.5	395.9	607.8	755.0	795.0

BY INDUSTRY GROUP: 1972 TO 1986  
 at current prices)

1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
9,894	11,517	13,930	16,389	17,539	21,254	26,007	31,753
12,771	15,572	18,345	21,031	23,357	28,819	33,668	35,765
1,324	1,574	1,835	2,198	2,472	3,114	4,021	4,288
2,326	2,884	3,419	3,969	4,603	5,698	6,920	7,546
1,706	2,062	2,405	2,651	3,046	3,709	5,106	5,440
1,087	1,346	1,568	1,721	1,802	2,200	2,406	2,663
1,580	1,866	2,201	2,627	2,765	3,245	3,404	3,682
2,647	3,272	3,885	4,532	4,991	6,656	7,499	8,039
2,101	2,568	3,032	3,333	3,678	4,197	4,312	4,107
22,665	27,089	32,275	37,420	40,896	50,073	59,675	67,518

Table 3.35 - GROSS VALUE ADDED IN SERVICES  
(In million pesos)

Industry group	1972	1975	1976	1977	1978
1. Government	3,357	3,963	4,170	4,074	4,288
2. Private	4,130	5,157	5,343	5,643	5,927
Educational	448	595	653	692	715
Medical and health	408	735	798	824	873
Business	674	787	806	841	883
Recreational	352	441	402	434	447
Personal	645	631	644	667	699
Hotels and restaurants	861	1,020	1,100	1,196	1,290
Others	742	948	940	989	1,020
GROSS VALUE ADDED IN SERVICES	7,487	9,120	9,513	9,717	10,215

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.36 - IMPLICIT PRICE INDEX NUMBERS OF GROSS  
(Base year:

Industry group	1972	1975	1976	1977	1978
1. Government	100.0	143.4	174.3	183.4	203.7
2. Private	100.0	138.7	152.3	165.8	179.9
Educational	100.0	123.7	128.8	139.6	155.7
Medical and health	100.0	155.5	177.9	195.9	218.6
Business	100.0	134.1	135.7	139.4	157.9
Recreational	100.0	138.3	163.2	191.5	209.9
Personal	100.0	148.8	157.0	177.1	186.1
Hotels and restaurants	100.0	138.2	152.4	162.5	170.8
Others	100.0	132.7	153.1	165.6	177.1
GROSS VALUE ADDED IN SERVICES	100.0	140.7	161.9	173.1	189.9

<sup>1</sup> Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

BY INDUSTRY GROUP: 1972 TO 1986  
 at constant prices of 1972)

	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
	4,484	4,769	5,081	5,339	5,294	5,585	5,453	5,811
	6,226	6,562	6,820	7,047	7,052	6,412	6,094	6,039
	747	786	821	865	877	855	890	866
	923	972	1,012	1,032	1,064	1,016	1,067	1,085
	946	1,017	1,068	1,096	1,120	947	965	948
	459	477	494	505	493	457	402	420
	730	756	779	807	774	690	597	599
	1,360	1,440	1,500	1,569	1,536	1,467	1,386	1,391
	1,061	1,114	1,146	1,173	1,188	980	787	730
	10,710	11,331	11,901	12,386	12,346	11,997	11,547	11,850

VALUE ADDED IN SERVICES BY INDUSTRY GROUP: 1972 TO 1986  
 1972 = 100)

	1979	1980	1981	1982	1983	1984	1985	1986 <sup>1</sup>
	220.7	241.5	274.2	306.9	331.3	380.6	476.9	546.4
	205.1	237.3	269.0	298.4	331.2	449.5	552.5	592.2
	177.2	200.3	223.5	254.2	281.9	364.2	451.8	495.2
	252.0	296.7	337.8	384.6	432.6	560.8	648.6	695.5
	180.3	202.8	225.2	241.7	272.0	391.7	529.1	573.8
	236.8	282.2	317.4	340.1	365.5	481.4	598.5	634.1
	216.4	246.8	282.5	325.9	357.2	470.3	570.2	614.7
	194.6	227.2	259.0	288.9	324.9	453.7	541.2	577.9
	198.0	230.5	264.6	283.9	309.6	428.3	548.0	562.6
	211.6	239.1	271.2	302.1	331.3	417.4	516.8	569.8

Table 3.37a - GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT  
 BY MAJOR TYPE: 1970 TO 1980  
 (In million pesos at current prices)

Type of equipment	1970	1972	1975	1976	1977	1978	1979	1980
Total	4,102	5,266	16,086	16,290	16,679	20,165	25,258	30,625
A. Machinery other than electric	2,154	2,461	7,649	7,428	7,995	9,312	11,470	14,563
1. Power generating machinery	299	353	1,164	1,164	1,197	1,197	1,324	1,678
2. Agricultural machinery, tractors other than steam	179	337	943	542	928	964	1,253	1,489
3. Metal working machinery	80	83	301	316	324	471	607	749
4. Construction and mining machinery	396	395	1,852	1,633	1,352	1,767	2,079	3,003
5. Textile machinery	132	215	1,172	614	597	744	1,033	1,249
6. Air-conditioning and refrigerating equipment	157	213	443	579	780	443	593	703
7. Sugarmill, sawmill and logging machinery	76	145	234	271	50	280	152	195
8. Other industrial machinery	835	720	1,540	2,309	2,767	3,446	4,429	5,497
B. Electric machinery apparatus and appliances	673	772	2,525	3,001	2,596	4,552	5,380	5,539
1. Motors, generators, transformers and switchgear	160	151	718	912	639	1,413	1,575	1,364
2. Radio, telegraph, telephone, and television apparatus	297	321	927	875	1,003	1,092	1,523	2,029
3. Other electrical machinery	216	300	880	1,214	954	2,047	2,282	2,146
C. Transport equipment	1,050	1,645	4,720	4,650	4,600	4,754	6,300	8,115
1. Land transport	838	1,397	4,118	3,816	3,676	3,440	3,980	5,082
2. Air transport	46	76	360	266	353	622	1,451	1,602
3. Water transport	166	172	242	568	571	692	869	1,431
D. Miscellaneous durable equipment	225	388	1,192	1,211	1,488	1,547	2,108	2,408

Source: National Accounts Staff, Statistical Coordination Office,  
 National Economic and Development Authority.

Table 3.37b - GROSS DOMESTIC CAPITAL FORMATION IN DURABLE  
EQUIPMENT BY MAJOR TYPE: 1981 TO 1986  
(In million pesos at current prices)

Type of equipment	1981	1982	1983	1984	1985	1986 <sup>1</sup>
Total Durable Equipment	33,278	34,644	40,893	36,188	33,746	34,775
A. Special Industrial Machinery	13,873	14,526	13,621	12,920	12,475	13,197
1. Agricultural Machinery	1,400	1,334	578	670	737	797
2. Tractors other than Steam	392	312	654	817	927	1,013
3. Mining/Construction Equipment	2,961	2,892	1,732	965	883	939
4. Textile Machinery	816	814	1,036	968	1,076	1,298
5. Sawmill and Logging Equipment	146	73	40	17	17	21
6. Sugarmill Equipment	118	209	4	3	0	7
7. Pulp and Paper Machinery	286	312	42	365	55	95
8. Metal Working Machinery	766	919	839	837	1,069	1,142
9. Communication and Related Machinery	2,797	2,828	4,831	4,801	5,250	5,273
10. Other Special Industrial Machineries	4,191	4,833	3,865	3,477	2,461	2,612
B. General Industrial Machinery	6,920	7,910	12,997	10,243	11,407	12,279
1. Aircon/Refrigeration Equipment	793	1,037	103	112	124	220
2. Pumps and Compressors	509	637	1,017	951	878	1,094
3. Other Electrical Machinery	3,462	4,068	5,159	4,616	5,104	5,244
4. Other General Industrial Machineries	2,156	2,168	6,718	4,564	5,301	5,721
C. Transport Equipment	8,325	7,329	9,752	7,402	3,427	3,041
1. Road Vehicles	5,986	6,219	8,060	3,436	3,085	2,669
2. Railway Transport	66	54	44	809	62	39
3. Air Transport	1,099	450	466	2,740	55	6
4. Water Transport	1,174	606	1,182	417	225	327
D. Miscellaneous Equipment	4,160	4,879	4,523	5,623	6,437	6,258
1. Office Machines and Automatic Data Processing	908	780	882	742	1,004	1,007
2. Other Miscellaneous Durable Equipment	3,252	4,099	3,641	4,881	5,433	5,251

<sup>1</sup>Preliminary estimates as of May 1987.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.38 - GROSS DOMESTIC PRODUCT BY REGION: 1980 TO 1985  
(In million pesos; at current prices)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	264,652	305,274	340,593	384,096	539,410	610,063
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	79,698	93,803	105,719	119,694	155,892	174,379
I. Ilocos Region	10,712	12,365	13,028	14,872	21,624	27,201
II. Cagayan Valley	7,665	8,735	9,533	10,612	15,171	17,785
III. Central Luzon	24,563	29,352	33,169	37,464	52,954	60,500
IV. Southern Tagalog	39,652	44,903	49,815	57,248	81,945	91,075
V. Bicol Region	9,060	10,471	10,551	12,103	17,438	20,751
VI. Western Visayas	20,266	23,520	26,405	29,565	42,324	45,671
VII. Central Visayas	18,471	20,818	22,643	25,664	37,322	41,709
VIII. Eastern Visayas	6,227	6,910	7,701	8,014	11,639	13,606
IX. Western Mindanao	9,099	10,779	11,722	13,225	18,892	21,187
X. Northern Mindanao	12,769	14,198	16,821	17,736	26,316	30,488
XI. Southern Mindanao	18,438	20,498	22,010	25,109	37,868	42,441
XII. Central Mindanao	8,032	8,922	11,476	12,790	20,025	23,270

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.39 - GROSS DOMESTIC PRODUCT BY REGION: 1980 TO 1985  
(In million pesos; at constant prices)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	92,637	96,210	99,001	99,920	94,213	90,469
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	29,224	30,521	31,511	32,231	28,923	27,026
I. Ilocos Region	3,433	3,646	3,760	3,883	3,821	3,859
II. Cagayan Valley	2,615	2,697	2,640	2,585	2,461	2,472
III. Central Luzon	7,783	8,518	8,795	8,767	8,228	7,996
IV. Southern Tagalog	12,951	13,239	13,521	13,903	13,450	12,905
V. Bicol Region	3,161	3,258	3,045	3,189	3,137	3,069
VI. Western Visayas	7,642	7,971	8,410	8,171	7,817	7,241
VII. Central Visayas	6,727	6,990	6,999	7,101	6,804	6,332
VIII. Eastern Visayas	2,309	2,391	2,420	2,242	2,173	2,205
IX. Western Mindanao	3,124	3,261	3,294	3,388	3,250	3,235
X. Northern Mindanao	4,416	4,382	4,707	4,505	4,348	4,349
XI. Southern Mindanao	6,279	6,358	6,336	6,393	6,227	6,157
XII. Central Mindanao	2,973	2,978	3,563	3,564	3,574	3,623

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.40 - IMPLICIT PRICE INDEX NUMBERS OF GROSS DOMESTIC PRODUCT  
BY REGION: 1980 to 1985 (Base year: 1972 = 100)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	285.69	317.30	344.02	384.40	572.54	674.32
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	272.71	307.34	335.50	371.36	538.99	645.24
I. Ilocos Region	312.03	339.16	346.44	383.03	565.85	704.79
II. Cagayan Valley	293.12	323.88	361.09	410.54	616.58	719.37
III. Central Luzon	315.60	344.60	377.11	427.34	643.55	756.59
IV. Southern Tagalog	306.17	339.17	368.43	411.77	609.24	705.73
V. Bicol Region	286.62	321.36	346.45	379.54	555.80	676.07
VI. Western Visayas	265.19	295.08	313.96	361.84	541.45	630.73
VII. Central Visayas	274.58	297.82	323.52	361.40	548.57	658.70
VIII. Eastern Visayas	269.68	288.98	317.98	357.51	535.66	617.02
IX. Western Mindanao	291.26	330.53	355.88	390.39	581.25	654.91
X. Northern Mindanao	289.15	324.03	357.36	393.72	605.21	701.02
XI. Southern Mindanao	293.65	322.39	347.39	392.77	608.15	689.35
XII. Central Mindanao	270.16	299.57	322.03	358.85	560.27	642.28

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.41 - GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY  
BY REGION: 1980 to 1985 (In million pesos; at current prices)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	61,761	69,391	76,723	84,546	139,505	161,404
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	-	-	-	-	-	-
I. Ilocos Region	3,291	3,890	4,518	5,028	8,393	10,647
II. Cagayan Valley	3,393	3,700	4,044	4,962	8,849	10,784
III. Central Luzon	5,140	6,357	7,063	7,838	11,841	14,985
IV. Southern Tagalog	9,249	10,333	10,880	12,267	20,555	23,218
V. Bicol Region	4,519	5,082	4,685	5,479	9,241	11,182
VI. Western Visayas	7,376	8,555	9,598	9,833	15,806	16,373
VII. Central Visayas	3,536	3,960	4,042	4,687	7,488	8,433
VIII. Eastern Visayas	3,302	3,540	3,803	3,781	6,461	7,574
IX. Western Mindanao	5,410	6,404	6,874	7,755	11,739	13,404
X. Northern Mindanao	4,702	4,880	6,614	6,275	10,585	11,902
XI. Southern Mindanao	8,135	8,645	8,771	10,235	17,340	19,425
XII. Central Mindanao	3,708	4,045	5,831	6,406	11,207	13,477

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.42 - GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY  
BY REGION: 1980 to 1985 (In million pesos; at constant prices)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	23,732	24,608	25,379	24,846	25,408	26,009
NCR. Metro Manila	-	-	-	-	-	-
I. Ilocos Region	1,230	1,347	1,496	1,555	1,624	1,694
II. Cagayan Valley	1,154	1,180	1,116	1,170	1,292	1,393
III. Central Luzon	2,179	2,449	2,567	2,477	2,418	2,508
IV. Southern Tagalog	3,696	3,839	3,838	3,888	3,941	4,034
V. Bicol Region	1,697	1,713	1,475	1,603	1,697	1,723
VI. Western Visayas	3,037	3,148	3,387	3,058	3,253	2,925
VII. Central Visayas	1,497	1,537	1,484	1,527	1,527	1,534
VIII. Eastern Visayas	1,275	1,323	1,295	1,123	1,186	1,231
IX. Western Mindanao	1,856	1,944	1,950	2,018	1,988	2,086
X. Northern Mindanao	1,693	1,684	1,994	1,736	1,719	1,792
XI. Southern Mindanao	2,960	2,983	2,813	2,788	2,764	2,936
XII. Central Mindanao	1,458	1,461	1,964	1,903	1,999	2,153

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.43 - IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN AGRICULTURE,  
FISHERY AND FORESTRY BY REGION: 1980 to 1985 (Base year: 1972 = 100)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	260.23	281.99	302.31	340.3	549.1	620.6
NCR. Metro Manila	-	-	-	-	-	-
I. Ilocos Region	267.89	288.73	302.11	323.3	516.7	628.4
II. Cagayan Valley	294.14	313.53	362.3	424.2	685.1	774.2
III. Central Luzon	235.27	259.53	275.13	316.5	489.7	597.4
IV. Southern Tagalog	250.44	269.14	283.52	315.5	521.5	575.6
V. Bicol Region	243.13	271.78	283.39	341.8	544.6	649
VI. Western Visayas	243.13	271.78	283.39	321.6	485.9	559.7
VII. Central Visayas	236.37	257.63	272.45	306.9	490.4	549.9
VIII. Eastern Visayas	252.83	267.64	293.74	336.8	544.9	615.3
IX. Western Mindanao	293.82	267.64	352.4	384.4	590.5	642.5
X. Northern Mindanao	278.49	289.91	331.68	361.6	615.7	664.1
XI. Southern Mindanao	274.83	289.86	311.74	367.1	627.4	661.6
XII. Central Mindanao	255.19	276.85	296.88	336.6	560.6	626

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.44 - PER CAPITA GROSS DOMESTIC PRODUCT BY REGION:  
1980 to 1985 (At current prices)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	5,477	6,164	6,707	7,379	10,111	11,159
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	13,397	15,281	16,661	18,301	23,131	25,119
I. Ilocos Region	3,017	3,281	3,538	3,961	5,649	6,970
II. Cagayan Valley	3,443	3,858	4,074	4,424	6,169	7,055
III. Central Luzon	5,098	6,033	6,542	7,210	9,945	11,088
IV. Southern Tagalog	6,429	7,064	7,645	8,540	11,885	12,847
V. Bicol Region	2,598	2,928	2,885	3,232	4,550	5,292
VI. Western Visayas	4,465	5,038	5,553	6,076	8,501	8,968
VII. Central Visayas	4,858	5,356	5,730	6,366	9,075	9,943
VIII. Eastern Visayas	2,219	2,452	2,646	2,704	3,857	4,428
IX. Western Mindanao	3,574	4,151	4,389	4,837	6,752	7,400
X. Northern Mindanao	4,601	5,004	5,740	5,889	8,504	9,592
XI. Southern Mindanao	5,471	5,865	6,198	6,889	10,125	11,063
XII. Central Mindanao	3,526	3,889	4,776	5,185	7,910	8,958

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.45 - PER CAPITA GROSS DOMESTIC PRODUCT BY REGION:  
1980 to 1985 (At constant prices, 1972 = 100)

Region/Year	1980	1981	1982	1983	1984	1985
PHILIPPINES	1,917	1,943	1,953	1,919	1,766	1,655
	=====	=====	=====	=====	=====	=====
NCR. Metro Manila	4,912	4,971	4,977	4,928	4,292	3,893
I. Ilocos Region	967	1,010	1,005	1,034	998	989
II. Cagayan Valley	1,175	1,193	1,175	1,078	1,001	981
III. Central Luzon	1,615	1,718	1,790	1,687	1,545	1,466
IV. Southern Tagalog	2,100	2,082	2,081	2,074	1,951	1,820
V. Bicol Region	907	909	909	852	819	783
VI. Western Visayas	1,684	1,707	1,760	1,679	1,570	1,422
VII. Central Visayas	1,769	1,798	1,788	1,761	1,654	1,509
VIII. Eastern Visayas	823	849	839	756	720	718
IX. Western Mindanao	1,227	1,258	1,261	1,239	1,162	1,130
X. Northern Mindanao	1,591	1,546	1,502	1,496	1,405	1,368
XI. Southern Mindanao	1,863	1,819	1,819	1,754	1,665	1,605
XII. Central Mindanao	1,305	1,301	1,273	1,445	1,412	1,395

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Table 3.46 - GROWTH RATES OF PER CAPITA GROSS DOMESTIC PRODUCT  
BY REGION: 1980 to 1985 (1972 = 100)

Region/Year	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
PHILIPPINES	2.52	1.32	0.54	(1.40)	(5.71)	(3.97)
NCR. Metro Manila	2.89	1.18	0.14	(0.37)	(10.26)	(6.56)
I. Ilocos Region	3.71	4.47	(0.53)	(1.21)	(1.58)	1.00
II. Cagayan Valley	(1.72)	1.58	(1.51)	(4.48)	(4.81)	0.48
III. Central Luzon	3.21	6.38	4.16	(3.14)	(6.14)	(2.82)
IV. Southern Tagalog	2.00	(0.84)	(0.04)	(0.29)	(3.26)	(4.05)
V. Bicol Region	7.12	0.30	0.02	(0.94)	(1.61)	(2.17)
VI. Western Visayas	0.59	1.37	3.13	(3.70)	(4.33)	(7.37)
VII. Central Visayas	5.86	1.64	(0.55)	(0.60)	(4.19)	(6.93)
VIII. Eastern Visayas	4.32	3.19	(1.15)	(5.62)	(3.07)	1.49
IX. Western Mindanao	4.65	2.52	0.23	(1.43)	(4.05)	(0.47)
X. Northern Mindanao	(1.34)	(2.85)	(2.87)	(7.10)	(3.47)	0.02
XI. Southern Mindanao	(2.62)	(2.36)	(0.02)	0.94	(2.59)	(1.13)
XII. Central Mindanao	0.87	(0.28)	(2.22)	2.83	(0.28)	1.37

Figures may not add up to total due to rounding.

As of June 1986.

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

Figure 3.2  
GROSS NATIONAL PRODUCT, NATIONAL INCOME  
AND GROSS DOMESTIC PRODUCT: 1977 to 1986

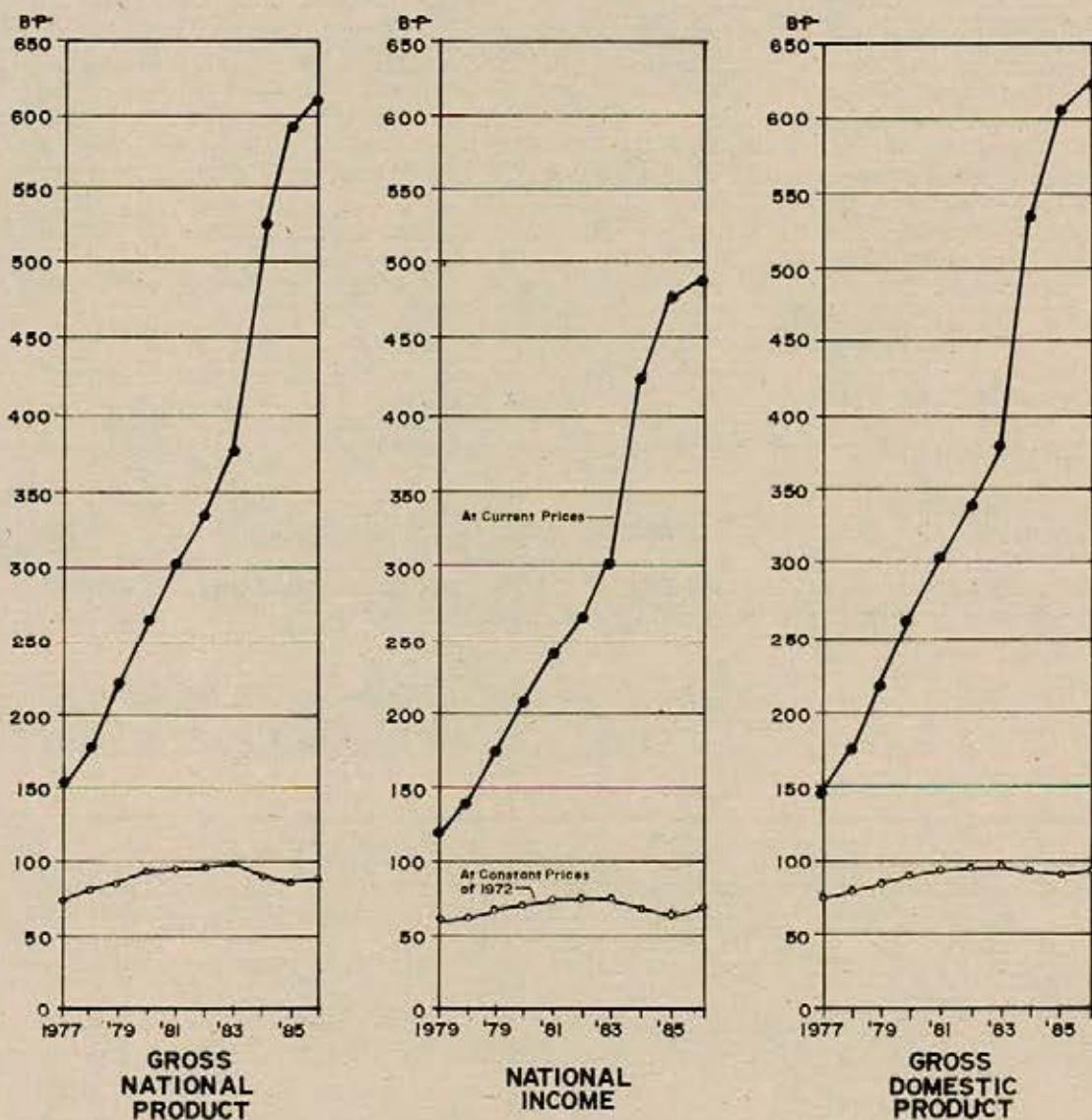


Table 3.47 - MATRIX OF TECHNICAL  
(12 x 12

Sectors	01	02	03	04	05
01 Crops, livestock and poultry	0.0770905	0.0013163	0.0000000	0.0000000	0.4260114
02 Fisheries	0.0000000	0.0135210	0.0000000	0.0000000	0.0277752
03 Forestry and logging	0.0001001	0.0000028	0.0539785	0.0042054	0.0003147
04 Mining and quarrying	0.0763833	0.0004609	0.0000000	0.0000000	0.0000004
05 Food manufactures	0.0567738	0.0341182	0.0000000	0.0000000	0.1488550
06 Other manufactures	0.0538916	0.0916777	0.0709949	0.1759671	0.0402069
07 Construction	0.0003974	0.0000000	0.0000000	0.0058354	0.0000430
08 Electricity, gas and water	0.0034654	0.0010276	0.0005795	0.0374034	0.0156743
09 Transportation, communication and storage	0.0148272	0.0294936	0.0195440	0.0094105	0.0146317
10 Trade	0.0426557	0.0398098	0.0257960	0.0524903	0.0701074
11 Banking, insurance and real estate	0.0018547	0.0068195	0.0018644	0.0012587	0.0007260
12 Other sevices	0.0056157	0.0024789	0.0073264	0.0127093	0.0010402
INTERMEDIATE INPUT	0.2762820	0.2207262	0.1800838	0.2992804	0.7453868
13 Wages and salaries	0.3835050	0.3122294	0.2408895	0.2349172	0.0804848
14 Operating surplus	0.3402129	0.4670445	0.5790268	0.4658023	0.1741283
TOTAL PRIMARY INPUTS	0.7237179	0.7792738	0.8199162	0.7007195	0.2546131
TOTAL INPUTS	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

COEFFICIENTS, 1983  
 sectors)

06	07	08	09	10	11	12
0.0152171	0.0000000	0.0000000	0.0029214	0.0000000	0.0000000	0.0161849
0.0029916	0.0000000	0.0000000	0.0043035	0.0000000	0.0000000	0.0133099
0.0311003	0.0046215	0.0073473	0.0000000	0.0000000	0.0000000	0.0000317
0.1183421	0.0184907	0.0000000	0.0000002	0.0000000	0.0008233	0.0000036
0.0248737	0.0000000	0.0000000	0.0121451	0.0000000	0.0000000	0.0633267
0.3097804	0.3595505	0.5199354	0.2785440	0.0430158	0.0468225	0.0632992
0.0005162	0.0023858	0.0006583	0.0008680	0.0066029	0.0056802	0.0043364
0.0171238	0.0138549	0.0332113	0.0093263	0.0197396	0.0062252	0.0332358
0.0248743	0.0118851	0.0180145	0.0546868	0.0387492	0.0177314	0.0224508
0.0713702	0.0415033	0.0664418	0.0534316	0.0117552	0.0111628	0.0245433
0.0048930	0.0020408	0.0009638	0.0071519	0.0533827	0.0129076	0.0103785
0.0153244	0.0118179	0.0100987	0.0325019	0.0472909	0.0675651	0.0480061
0.6364070	0.4661506	0.6566711	0.4558808	0.2205363	0.1689181	0.2991070
0.1038863	0.1719019	0.1159371	0.2520292	0.2519606	0.1535111	0.4916404
0.2597067	0.3619475	0.2273918	0.2920901	0.5275031	0.6775708	0.2092526
0.3635930	0.5338494	0.3433289	0.5441192	0.7794637	0.8310819	0.7008930
1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Table 3.48 - MATRIX OF INVERSE COEFFICIENTS,  
(12 x 12

Sectors	01	02	03	04	05
01 Crops, livestock and poultry	1.1353796	0.0276286	0.0052530	0.0119304	0.5734092
02 Fisheries	0.0037019	1.0159712	0.0008831	0.0018155	0.0357168
03 Forestry and logging	0.0044294	0.0059315	1.0615812	0.0158135	0.0066546
04 Mining and quarrying	0.0148509	0.0211842	0.0158713	1.0389124	0.0211097
05 Food manufactures	0.1071252	0.0497530	0.0058662	0.0129884	1.2348350
06 Other manufactures	0.1252396	0.1748430	0.1339862	0.3276484	0.1779139
07 Construction	0.0011989	0.0008013	0.0005564	0.0070369	0.0015675
08 Electricity, gas and water	0.0108242	0.0080650	0.0053749	0.0493063	0.0298714
09 Transport, communication and storage	0.0266459	0.0410667	0.0280635	0.0250723	0.0408916
10 Trade	0.0693512	0.0627704	0.0412183	0.0864635	0.1327663
11 Bank, insurance and real estate	0.0069903	0.0118346	0.0052961	0.0082139	0.0108427
12 Other services	0.0140531	0.0114614	0.0140236	0.0256994	0.0171189
Sub-total	1.4600963	1.3864112	1.2935297	1.4611767	2.3464224

Source: National Accounts Staff, Statistical Coordination Office,  
National Economic and Development Authority.

(I-A)<sup>-1</sup> PHILIPPINES: 1983  
sectors)

06	.07	08	09	10	11	12
0.0521612	0.0208927	0.0298463	0.0293538	0.0076100	0.0077464	0.0634106
0.0070906	0.0030273	0.0042688	0.0079393	0.0016583	0.0017432	0.0175265
0.0530656	0.0253145	0.0373013	0.0166391	0.0043684	0.0036790	0.0061274
0.1868146	0.0896653	0.1029745	0.0581926	0.0147688	0.0134941	0.0202826
0.0547593	0.0223712	0.0318007	0.0366222	0.0094813	0.0099129	0.0907277
1.5779546	0.6006929	0.8695494	0.4911779	0.1231999	0.1059400	0.1703426
0.0031894	1.0041404	0.0030371	0.0025827	0.0076148	0.0064537	0.0053555
0.0411408	0.0324545	1.0593492	0.0261762	0.0269620	0.0126199	0.0436012
0.0541149	0.0362227	0.0532330	1.0793683	0.0491044	0.0255658	0.0363693
0.1386731	0.0986229	0.1482768	0.1049050	1.0296734	0.0254484	0.0550337
0.0166969	0.0112457	0.0144591	0.0167552	0.0573800	1.0160504	0.0156233
0.0390862	0.0309604	0.0373655	0.0526060	0.0595526	0.0764371	1.0596190
2.2247472	1.9756105	2.3914618	1.9223181	1.3913737	1.3050907	1.5840195

Table 3.49 - 1980 SUMMARY MATRIX  
(In million)

Sectors	Whole					
	Domestic					
	Households & Non-Corporate Business		Private Corporations		Government <sup>1</sup>	
	U	S	U	S	U	S
1. Gross Savings	-	41,087	-	10,100	-	15,012
2. Capital Consumption	-	16,372	-	6,958	-	1,126
3. Net Savings	-	24,715	-	3,142	-	13,886
4. Gross Investments	40,809	-	10,100	-	15,012	-
5. Real Investments	30,254	-	33,382	-	17,983	-
6. Consumer Durables	1,854	-	-	-	-	-
7. Real Estate/Other Fixed Assets	27,705	-	21,728	-	17,258	-
8. Inventory	695	-	11,654	-	725	-
9. Net Fin'l Investment	10,555	-	(23,282)	-	(2,971)	-
10. Total Fin'l Uses	20,183	-	14,259	-	29,473	-
11. Total Fin'l Sources	-	9,628	-	37,541	-	31,444
12. Gold & Foreign Cur. Holdings	-	-	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-	-	-
14. Foreign loans	-	-	-	7,324	-	18,112
15. Other Foreign Monetary Clms.	-	-	-	-	-	-
16. Domestic Currency	(7,994)	-	346	-	8,284	-
17. Demand Deposits	2,835	-	(62)	-	(494)	-
18. Savings & Time Deposits	7,090	-	216	-	2,374	-
19. Deposit Substitutes	50	-	68	-	7	-
20. Domestic loans	-	31,467	1,502	19,095	6,659	(25,696)
21. Domestic Securities	14,792	-	1,703	5,294	8,345	23,911
22. Insurance Reserves	3,193	-	(95)	-	-	-
23. Trust Funds	217	-	141	-	-	-
24. Trade Credits	-	1,467	8,310	9,562	8,279	5,560
25. Taxes Payable	-	-	265	922	1,500	-
26. Inter-Financial Claims	-	-	-	-	-	-
27. Intra-Government	-	-	-	-	895	895
28. Miscellaneous	-	(23,306)	1,865	9,992	(7,376)	8,662
29. Statistical Discrepancy	278	-	-	-	-	-

<sup>1</sup> National, Local & Owned or Controlled Corp.  
Source: Central Bank of the Philippines.

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
- 3,545	-	69,744	-	13,536	-	83,280	-	69,744
- 365	-	24,821	-	-	-	24,821	-	24,821
- 3,180	-	44,923	-	13,536	-	58,459	-	44,923
3,545	-	69,466	-	13,536	-	83,002	-	69,466
1,383	-	83,002	-	-	-	83,002	-	83,002
- 1,854	-	-	-	-	-	1,854	-	1,854
1,302	-	67,993	-	-	-	67,993	-	67,993
81	-	13,155	-	-	-	13,155	-	13,155
2,162	-	(13,536)	-	13,536	-	-	-	(13,536)
56,755	-	119,670	-	26,835	-	146,505	-	119,670
- 54,593	-	113,206	-	13,299	-	146,505	-	133,206
828	-	828	-	-	828	828	828	-
5,127	11,496	5,127	11,496	11,496	5,127	16,623	16,623	-
2,184	4,262	2,184	15,050	15,050	2,184	17,234	17,234	-
5,160	289	5,160	289	289	5,160	5,449	5,449	-
1,072	1,708	1,708	1,708	-	-	1,708	1,708	-
163	2,442	2,442	2,442	-	-	2,442	2,442	-
36	9,716	9,716	9,716	-	-	9,716	9,716	-
274	399	399	399	-	-	-	-	-
26,947	10,242	35,108	35,108	-	-	35,108	35,108	-
5,719	1,354	30,559	30,559	-	-	30,559	30,559	-
1	3,099	3,099	3,099	-	-	3,099	3,099	-
-	358	358	358	-	-	358	358	-
-	-	16,589	16,589	-	-	16,589	16,589	-
-	843	1,765	1,765	-	-	1,765	1,765	-
119	119	119	119	-	-	119	119	-
-	-	895	895	-	-	895	895	-
9,125	8,266	3,614	3,614	-	-	3,614	3,614	-
-	-	278	-	-	-	278	-	278

Table 3.50 - 1981 SUMMARY MATRIX  
(In million)

Sectors	W h o l e					
	D o m e s t i c					
	Households & Non-Corporate Business		Private Corporations		Government <sup>1</sup>	
	U	S	U	S	U	S
1. Gross Savings	-	53,093	-	13,701	-	12,163
2. Capital Consumption	-	17,306	-	12,337	-	807
3. Net Savings	-	35,787	-	1,364	-	11,356
4. Gross Investments	52,782	-	13,701	-	12,163	-
5. Real Investments	37,804	-	32,459	-	22,423	-
6. Consumer Durables	2,076	-	-	-	-	-
7. Real Estate/Other Fixed Assets	31,435	-	24,301	-	21,030	-
8. Inventory	4,293	-	8,158	-	1,393	-
9. Net Fin'l Investment	14,978	-	(18,758)	-	(10,260)	-
10. Total Fin'l Uses	14,465	-	3,948	-	13,972	-
11. Total Fin'l Sources	-	(513)	-	22,706	-	24,232
12. Gold & Foreign Curr. Holdings	-	-	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-	-	-
14. Foreign loans	-	-	-	696	-	8,710
15. Other Foreign Monetary Clms.	-	-	-	-	-	-
16. Domestic Currency	9,014	-	(2,006)	-	(5,547)	-
17. Demand Deposits	(3,619)	-	3,049	-	444	-
18. Savings & Time Deposits	9,026	-	(133)	-	2,560	-
19. Deposit Substitutes	240	-	418	-	63	-
20. Domestic loans	-	(13,988)	(3,166)	20,870	(8,021)	2,771
21. Domestic Securities	(5,865)	-	4,429	2,969	14,119	14,886
22. Insurance Reserves	6,247	-	(52)	-	-	-
23. Trust Funds	(578)	-	(67)	-	-	-
24. Trade Credits	-	1,039	2,428	188	900	2,101
25. Taxes Payable	-	-	53	(104)	1,093	-
26. Inter-Financial Claims	-	-	-	-	-	-
27. Intra-Government	-	-	-	-	1,883	1,883
28. Miscellaneous	-	12,436	(1,005)	(1,913)	6,478	(6,119)
29. Statistical Discrepancy	311	-	-	-	-	-

<sup>1</sup> National, Local & Owned or Controlled Corp.

Source: Central Bank of the Philippines.

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
- 1,353		- 80,310		- 15,338		- 95,648		- 80,310
- 519		- 30,969		-		- 30,969		- 30,969
- 834		- 49,341		- 15,338		- 64,679		- 49,341
1,353	- 79,999		- 15,338		- 95,337		- 79,999	
2,651	- 95,337		-		- 95,337		- 95,337	
- 2,076		-	-		- 2,076		- 2,076	
2,519	- 79,285		-		- 79,285		- 79,285	
132	- 13,976		-		- 13,976		- 13,976	
(1,298)	- (15,338)		- 15,338		- 0		- (15,338)	
49,459	- 81,844		- 21,197		- 103,041		- 81,844	
- 50,757		- 97,182		- 5,859		- 108,041		- 97,182
1,610	- 1,610		-	- 1,610	1,610	1,610	-	-
348	2,090	348	2,090	2,090	348	2,438	2,438	-
1,167	6,778	1,167	16,184	16,184	1,167	17,351	17,351	-
2,734	2,923	2,734	2,923	2,923	2,734	5,657	5,657	-
35	1,496	1,496	1,496	-	-	1,496	1,496	-
119	(7)	(7)	(7)	-	-	(7)	(7)	-
222	11,675	11,675	11,675	-	-	11,675	11,675	-
1,340	2,061	2,061	2,061	-	-	2,061	2,061	-
30,338	9,498	19,151	19,151	-	-	19,151	19,151	-
9,686	4,514	22,369	22,369	-	-	22,369	22,369	-
(2)	6,193	6,193	6,193	-	-	6,193	6,193	-
4	(641)	(641)	(641)	-	-	(641)	(641)	-
-	-	3,328	3,328	-	-	3,328	3,328	-
1	1,251	1,147	1,147	-	-	1,147	1,147	-
448	448	448	448	-	-	448	448	-
-	-	1,883	1,883	-	-	1,883	1,883	-
1,409	1,409	6,882	6,882	-	-	6,882	6,882	-
-	-	311	-	-	-	311	-	311

Table 3.51 - 1982 SUMMARY MATRIX  
(In million)

Sectors	W h o l e					
	D o m e s t i c					
	Households & Non-Corporate Business		Private Corporations		Government <sup>1</sup>	
	U	S	U	S	U	S
1. Gross Savings	-	41,855	-	14,693	-	15,612
2. Capital Consumption	-	20,465	-	11,445	-	2,783
3. Net Savings	-	21,390	-	3,248	-	12,829
4. Gross Investments	41,331	-	14,693	-	15,612	-
5. Real Investments	16,652	-	51,933	-	26,644	-
6. Consumer Durables	3,493	-	-	-	-	-
7. Real Estate/Other Fixed Assets	24,350	-	32,413	-	24,485	-
8. Inventory	(11,191)	-	19,520	-	2,159	-
9. Net Fin'l Investment	24,679	-	(37,240)	-	(11,032)	-
10. Total Fin'l Uses	20,815	-	12,592	-	26,432	-
11. Total Fin'l Sources	-	(3,864)	-	49,832	-	37,464
12. Gold & Foreign Curr. Holdings	-	-	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-	-	-
14. Foreign loans	-	-	-	(10,017)	-	15,145
15. Other Foreign Monetary Clms.	-	-	-	-	-	-
16. Domestic Currency	6,124	-	2	-	(5,034)	-
17. Demand Deposits	(2,850)	-	1,190	-	(144)	-
18. Savings & Time Deposits	14,153	-	48	-	2,068	-
19. Deposit Substitutes	29	-	56	-	8	-
20. Domestic loans	-	(15,544)	2,600	31,218	(30)	4,466
21. Domestic Securities	(2,418)	-	1,835	14,213	20,183	16,526
22. Insurance Reserves	4,683	-	23	-	-	-
23. Trust Funds	1,094	-	6	-	-	-
24. Trade Credits	-	(5,293)	5,317	13,187	2,844	267
25. Taxes Payable	-	-	23	691	1,441	-
26. Inter-Financial Claims	-	-	-	-	-	-
27. Intra-Government	-	-	-	-	2,605	2,605
28. Miscellaneous	-	16,973	1,492	540	2,491	(1,545)
29. Statistical Discrepancy	524	-	-	-	-	-

<sup>1</sup> National, Local & Owned or Controlled Corp.  
Source: Central Bank of the Philippines.

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
- 3,039		- 75,199		- 25,339		- 100,538		- 75,199
- 495		- 35,188		-		- 35,188		- 35,188
- 2,544		- 40,011		- 25,339		- 65,350		- 40,011
3,039	- 74,675		- 25,339		- 100,014		- 74,675	
4,785	- 100,014		-		- 100,014		- 100,014	
-	- 3,493		-		- 3,493		- 3,493	
4,778	- 86,026		-		- 86,026		- 86,026	
7	- 10,495		-		- 10,495		- 10,495	
(1,746)	- (25,339)		- 25,339		- 0		- (25,339)	
54,017	- 113,856		- 27,288		- 141,144		- 113,856	
-	55,763		- 139,195		- 1,949		- 141,144	
3,500	- 3,500		-		- 3,500	3,500	3,500	-
(445)	3,907	(445)	3,907	3,907	(445)	3,462	3,462	-
3,095	13,070	3,095	18,198	18,198	3,095	21,293	21,293	-
(4,201)	5,183	(4,201)	5,183	5,183	(4,201)	982	982	-
89	1,181	1,181	1,181	-	-	1,181	1,181	-
278	(1,526)	(1,526)	(1,526)	-	-	(1,526)	(1,526)	-
197	16,466	16,466	16,466	-	-	16,466	16,466	-
359	452	452	452	-	-	452	452	-
22,630	5,060	25,200	25,200	-	-	25,200	25,200	-
13,558	2,419	33,158	33,158	-	-	33,158	33,158	-
50	4,756	4,756	4,756	-	-	4,756	4,756	-
(12)	1,088	1,088	1,088	-	-	1,088	1,088	-
-	-	8,161	8,161	-	-	8,161	8,161	-
-	773	1,464	1,464	-	-	1,464	1,464	-
438	438	438	438	-	-	438	438	-
-	-	2,605	2,605	-	-	2,605	2,605	-
14,481	2,496	18,464	18,464	-	-	18,464	18,464	-
-	-	524	-	-	-	524	-	524

Table 3.52 - 1983 SUMMARY MATRIX  
(In million)

Sectors	W h o l e					
	D o m e s t i c					
	H o u s e h o l d s & N o n - C o r p o r a t e B u s i n e s s		P r i v a t e C o r p o r a t i o n s		G o v e r n m e n t <sup>1</sup>	
	U	S	U	S	U	S
1. Gross Savings	-	33,589	-	29,669	-	14,092
2. Capital Consumption	-	8,235	-	28,828	-	2,632
3. Net Savings	-	25,354	-	841	-	11,460
4. Gross Investments	32,999	-	29,669	-	14,092	-
5. Real Investments	9,404	-	57,644	-	37,108	-
6. Consumer Durables	3,935	-	-	-	-	-
7. Real Estate/Other Fixed Assets	(36,143)	-	90,984	-	37,175	-
8. Inventory	41,612	-	(33,340)	-	(67)	-
9. Net Fin'l Investment	23,595	-	(27,975)	-	(23,016)	-
10. Total Fin'l Uses	(22,958)	-	18,458	-	36,583	-
11. Total Fin'l Sources	-	(46,553)	-	46,433	-	59,599
12. Gold & Foreign Cur. Holdings	-	-	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-	-	-
14. Foreign loans	-	-	-	(32,395)	-	27,876
15. Other Foreign Monetary Clms.	-	-	-	-	-	-
16. Domestic Currency	677	-	335	-	5,107	-
17. Demand Deposits	(29,542)	-	29,746	-	3,636	-
18. Savings & Time Deposits	11,615	-	912	-	30	-
19. Deposit Substitutes	(87)	-	(168)	-	(43)	-
20. Domestic loans	-	33,843	1,732	(8,696)	437	7,745
21. Domestic Securities	(11,613)	-	4,254	2,128	18,048	14,728
22. Insurance Reserves	5,690	-	(30)	-	-	-
23. Trust Funds	302	-	(80)	-	-	-
24. Trade Credits	-	(58,349)	(14,676)	41,757	4,361	6,277
25. Taxes Payable	-	-	(100)	3,299	4,667	-
26. Inter-Financial Claims	-	-	-	-	-	-
27. Intra-Government	-	-	-	-	1,946	1,946
28. Miscellaneous	-	(22,047)	(3,467)	40,340	(1,606)	1,027
29. Statistical Discrepancy	590	-	-	-	-	-

<sup>1</sup> National, Local & Owned or Controlled Corp.  
Source: Central Bank of the Philippines.

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
- 5,195	-	82,545	-	26,394	-	108,939	-	82,545
- 630	-	39,770	-	-	-	39,770	-	39,770
- 4,565	-	42,775	-	26,394	-	69,169	-	42,775
5,195	-	81,955	-	26,394	-	108,349	-	81,955
4,193	-	108,349	-	-	-	108,349	-	108,349
-	-	3,935	-	-	-	3,935	-	3,935
3,238	-	95,254	-	-	-	95,254	-	95,254
955	-	9,160	-	-	-	9,160	-	9,160
1,002	-	(26,394)	-	26,394	-	0	-	(26,394)
95,557	-	127,640	-	36,914	-	164,554	-	127,640
- 94,555	-	154,034	-	10,520	-	164,554	-	154,034
(5,554)	-	(5,554)	-	-	(5,554)	(5,554)	-	-
(5,195) 10,744	(5,195)	10,744	10,744	(5,195)	5,549	5,549	-	-
10,589 26,750	10,589	22,231	22,231	10,589	32,820	32,820	-	-
10,680 3,939	10,680	3,939	3,939	10,680	14,619	14,619	-	-
1,556 7,675	7,675	7,675	-	-	7,675	7,675	-	-
1,656 5,496	5,496	5,496	-	-	5,496	5,496	-	-
43 12,600	12,600	12,600	-	-	12,600	12,600	-	-
(1,126) (1,424)	(1,424)	(1,424)	-	-	(1,424)	(1,424)	-	-
30,941 218	33,110	33,110	-	-	33,110	33,110	-	-
6,833 666	17,522	17,522	-	-	17,522	17,522	-	-
24 5,684	5,684	5,684	-	-	5,684	5,684	-	-
(2) 220	220	220	-	-	220	220	-	-
-	-	(10,315)	(10,315)	-	-	(10,315)	(10,315)	-
1 1,269	4,568	4,568	-	-	4,568	4,568	-	-
1,925 1,925	1,925	1,925	-	-	1,925	1,925	-	-
-	-	1,946	1,946	-	-	1,946	1,946	-
43,186 18,793	38,113	38,113	-	-	38,113	38,113	-	-
-	-	590	-	-	-	590	-	590

Table 3.53 - FLOW OF FUNDS CAPITAL  
(In million)

Sector	Financial			
	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings	-	3,039	-	2,019
2. Capital Consumption	-	495	-	441
3. Net Savings	-	2,544	-	1,578
4. Gross Investment	3,039	-	2,019	-
5. Real Investment	4,785	-	2,606	-
6. Consumer Durables	-	-	-	-
7. Real Estate/Other Fixed Assets	4,778	-	2,606	-
8. Inventory	7	-	-	-
9. Net Financial Investment	(1,746)	-	(587)	-
10. Total Financial Uses	54,017	-	30,340	-
11. Total Financial Sources	-	55,763	-	30,927
12. Gold & Foreign Currency Holdings	3,500	-	30	-
13. Foreign Currency Deposits	(445)	3,907	3,293	2,355
14. Foreign loans	3,095	13,070	(331)	1,946
15. Other Foreign Monetary Claims	(4,201)	5,183	503	4,513
16. Domestic Currency	89	1,181	208	-
17. Demand Deposits	278	(1,526)	312	(1,304)
18. Savings and Time Deposits	197	16,466	(140)	15,731
19. Deposit Substitutes	359	452	359	452
20. Domestic Loans	22,630	5,060	16,816	362
21. Domestic Securities	13,558	2,419	4,848	2,295
22. Insurance Reserves	50	4,756	50	781
23. Trust Funds	(12)	1,088	(12)	416
24. Trade Credits	-	-	-	-
25. Taxes Payable	-	773	-	569
26. Inter-Financial Claims	438	438	308	531
27. Intra-Government	-	-	-	-
28. Miscellaneous	14,481	2,496	4,096	2,280
29. Statistical Discrepancy	-	-	-	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1982  
 pesos)

Sector									
P r i v a t e									
Deposit money Banks		Other Banks		Insurance Companies		ONBFI			
U	S	U	S	U	S	U	S	U	S
-	1,577	-	181	-	367	-	106		
-	321	-	56	-	9	-	55		
-	1,256	-	125	-	358	-	(161)		
1,577	-	181	-	367	-	(106)	-		
1,685	-	301	-	95	-	525	-		
-	-	-	-	-	-	-	-		
1,685	-	301	-	95	-	525	-		
-	-	-	-	-	-	-	-		
(108)	-	(120)	-	272	-	(631)	-		
25,041	-	1,989	-	1,421	-	1,889	-		
-	25,149	-	2,109	-	1,149	-	2,520		
30	-	-	-	-	-	-	-		
3,429	2,484	(136)	(129)	-	-	-	-		
(331)	1,946	-	-	-	-	-	-		
403	4,514	100	(1)	-	-	-	-		
38	-	135	-	5	-	30	-		
-	(1,309)	-	5	313	-	(1)	-		
-	13,108	-	2,598	(140)	-	-	25		
229	114	44	(654)	6	-	80	992		
14,203	461	1,493	4	333	38	782	(141)		
3,207	1,420	445	223	326	46	870	606		
-	-	-	-	50	781	-	-		
-	-	-	-	(12)	-	-	416		
-	-	-	-	-	-	-	-		
-	630	-	(37)	-	(24)	-	-		
616	463	5	68	-	-	(313)	-		
-	-	-	-	-	-	-	-		
3,217	1,318	(102)	32	540	308	441	622		
-	-	-	-	-	-	-	-		

Table 3.53 - FLOW OF FUNDS CAPITAL  
(In million)

Sector	Non-Financial			
	Transaction Categories		TOTAL	Sub-total
	U	S	U	S
1. Gross Savings	-	72,160	-	56,548
2. Capital Consumption	-	34,693	-	31,910
3. Net Savings	-	37,467	-	24,638
4. Gross Investment	71,636	-	56,024	-
5. Real Investment	95,229	-	68,585	-
6. Consumer Durables	3,493	-	3,493	-
7. Real Estate/Other Fixed Assets	81,248	-	56,763	-
8. Inventory	10,488	-	8,329	-
9. Net Financial Investment	(23,593)	-	(12,561)	-
10. Total Financial Uses	59,839	-	33,407	-
11. Total Financial Sources	-	83,432	-	45,968
12. Gold & Foreign Currency Holdings	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-
14. Foreign loans	-	5,128	-	(10,017)
15. Other Foreign Monetary Claims	-	-	-	-
16. Domestic Currency	1,092	-	6,126	-
17. Demand Deposits	(1,804)	-	(1,660)	-
18. Savings and Time Deposits	16,269	-	14,201	-
19. Deposit Substitutes	93	-	85	-
20. Domestic Loans	2,570	20,140	2,600	15,674
21. Domestic Securities	23,575	30,739	3,392	14,213
22. Insurance Reserves	731	-	731	-
23. Trust Funds	1,100	-	1,100	-
24. Trade Credits	8,161	8,161	5,317	7,894
25. Taxes Payable	1,464	691	23	691
26. Inter-Financial Claims	-	-	-	-
27. Intra-Government	2,605	2,605	-	-
28. Miscellaneous	3,983	15,968	1,492	17,513
29. Statistical Discrepancy	524	-	524	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1982 (continued)  
pesos)

Sector			
P r i v a t e		Households and Non-Corporate Business	
	Corporations	U	S
-	14,693	-	41,855
-	11,445	-	20,465
-	3,248	-	21,390
14,693	-	41,331	-
51,933	-	16,652	-
-	-	3,493	-
32,413	-	24,350	-
19,520	-	(11,191)	-
(37,240)	-	24,679	-
12,592	-	20,815	-
-	49,832	-	(3,864)
-	-	-	-
-	-	-	-
-	(10,017)	-	-
-	-	-	-
2	-	6,124	-
1,190	-	(2,850)	-
48	-	14,153	-
56	-	29	-
2,600	31,218	-	(15,544)
1,835	14,213	1,557	-
23	-	708	-
6	-	1,094	-
5,317	13,187	-	(5,293)
23	691	-	-
-	-	-	-
-	-	-	-
1,492	540	-	(16,973)
-	-	524	-

Table 3.54 - FLOW OF FUNDS CAPITAL  
(In million)

Sector	Financial			
	Transaction Categories		Total	Sub-total
	U	S	U	S
1. Gross Savings	-	5,195	-	3,593
2. Capital Consumption	-	630	-	555
3. Net Savings	-	4,565	-	3,038
4. Gross Investment	5,195	-	3,593	-
5. Real Investment	4,193	-	2,060	-
6. Consumer Durables	-	-	-	-
7. Real Estate/Other Fixed Assets	3,238	-	2,060	-
8. Inventory	955	-	-	-
9. Net Financial Investment	1,002	-	1,533	-
10. Total Financial Uses	95,557	-	44,605	-
11. Total Financial Sources	-	94,555	-	43,072
12. Gold & Foreign Currency Holdings	(5,554)	-	183	-
13. Foreign Currency Deposits	(5,195)	10,744	(4,064)	9,884
14. Foreign loans	10,589	26,750	1,275	7,925
15. Other Foreign Monetary Claims	10,680	3,939	7,673	3,232
16. Domestic Currency	1,556	7,675	702	-
17. Demand Deposits	1,656	5,496	1,619	2,366
18. Savings and Time Deposits	43	12,600	42	14,199
19. Deposit Substitutes	(1,126)	(1,424)	(1,126)	(1,424)
20. Domestic Loans	30,941	218	22,174	(2,762)
21. Domestic Securities	6,833	666	5,697	2,750
22. Insurance Reserves	24	5,684	24	1,868
23. Trust Funds	(2)	220	(2)	(1,035)
24. Trade Credits	-	-	-	-
25. Taxes Payable	1	1,269	1	573
26. Inter-Financial Claims	1,925	1,925	1,939	249
27. Intra-Government	-	-	-	-
28. Miscellaneous	43,186	18,793	8,468	5,247
29. Statistical Discrepancy	-	-	-	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1983  
 pesos)

Sector								
P r i v a t e				I n s u r a n c e C o m p a n i e s				O N B F I
D e p o s i t m o n e y B a n k s		O t h e r B a n k s		I n s u r a n c e C o m p a n i e s				
U	S	U	S	U	S	U	S	
-	413	-	133	-	1,023	-	2,024	
-	374	-	52	-	67	-	62	
-	39	-	82	-	956	-	3,962	
413	-	133	-	1,023	-	2,024	-	
1,435	-	270	-	634	-	(279)	-	
-	-	-	-	-	-	-	-	
1,435	-	270	-	634	-	(279)	-	
-	-	-	-	-	-	-	-	
(1,022)	-	(137)	-	389	-	2,303	-	
36,533	-	4,421	-	3,131	-	520	-	
-	37,555	-	4,558	-	2,742	-	(1,783)	
147	-	36	-	-	-	-	-	
(4,106)	9,795	42	89	-	-	-	-	
1,275	7,925	-	-	-	-	-	-	
7,766	3,226	(93)	6	-	-	-	-	
762	-	(122)	-	28	-	34	-	
-	2,392	-	(26)	325	-	1,294	-	
-	11,927	-	2,251	42	-	-	21	
(706)	540	(215)	268	(9)	-	(196)	(2,232)	
20,069	(4,646)	3,666	767	858	26	(2,419)	1,091	
2,255	1,838	(3)	404	1,102	222	2,343	286	
-	-	-	-	24	1,868	-	-	
-	-	-	-	(4)	(33)	2	(1,002)	
-	-	-	-	-	-	-	-	
-	48	-	398	1	30	-	97	
2,162	208	305	41	-	-	(528)	-	
-	-	-	-	-	-	-	-	
6,909	4,302	805	360	764	629	(10)	(44)	
-	-	-	-	-	-	-	-	

Table 3.54 - FLOW OF FUNDS CAPITAL  
(In million)

Sector Transaction Categories	Financial			
	TOTAL		Monetary Authorities	
	U	S	U	S
1. Gross Savings	-	1,602	-	1,074
2. Capital Consumption	-	75	-	48
3. Net Savings	-	1,527	-	1,026
4. Gross Investment	1,602	-	1,074	-
5. Real Investment	2,133	-	1,018	-
6. Consumer Durables	-	-	-	-
7. Real Estate/Other Fixed Assets	1,178	-	65	-
8. Inventory	955	-	953	-
9. Net Financial Investment	(531)	-	56	-
10. Total Financial Uses	50,952	-	32,708	-
11. Total Financial Sources	-	51,483	-	32,652
12. Gold & Foreign Currency Holdings	(5,737)	-	(5,738)	-
13. Foreign Currency Deposits	(1,131)	860	(994)	1,237
14. Foreign loans	9,314	18,825	-	10,298
15. Other Foreign Monetary Claims	3,007	707	3,144	705
16. Domestic Currency	854	7,675	-	7,675
17. Demand Deposits	37	3,130	-	3,111
18. Savings and Time Deposits	1	(1,599)	-	-
19. Deposit Substitutes	-	-	-	-
20. Domestic Loans	8,767	2,980	3,325	-
21. Domestic Securities	1,136	(2,084)	550	(3,125)
22. Insurance Reserves	-	3,816	-	-
23. Trust Funds	-	1,255	-	-
24. Trade Credits	-	-	-	-
25. Taxes Payable	-	696	-	(1)
26. Inter-Financial Claims	(14)	1,676	-	1,629
27. Intra-Government	-	-	-	-
28. Miscellaneous	34,718	13,546	32,421	11,123
29. Statistical Discrepancy	-	-	-	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1983 (continued)  
pesos)

Sector								
G	o	v	e	r	n	m	e	n
		Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World
U	S	U	S	U	S	U	S	U
-	367	-	124	-	37	-	26,394	
-	21	-	(1)	-	7	-	-	
-	346	-	125	-	30	-	26,394	
367	-	124	-	37	-	26,394	-	
703	-	406	-	6	-	-	-	
-	-	-	-	-	-	-	-	
703	-	404	-	6	-	-	-	
-	-	2	-	-	-	-	-	
(336)	-	(282)	-	31	-	26,394	-	
11,333	-	3,473	-	3,438	-	36,914	-	
-	11,669	-	3,755	-	3,407	-	10,520	
1	-	-	-	-	-	-	(5,554)	
(139)	(377)	-	-	2	-	10,744	(5,195)	
9,314	8,551	-	-	-	(24)	22,231	10,589	
(137)	2	-	-	-	-	3,939	10,680	
11	-	-	-	843	-	-	-	
-	19	37	-	-	-	-	-	
-	(1,599)	1	-	-	-	-	-	
-	-	-	-	-	-	-	-	
(251)	1,969	2,876	(303)	2,817	1,314	-	-	
1,106	310	(62)	-	(458)	731	-	-	
-	-	-	3,816	-	-	-	-	
-	-	-	101	-	1,154	-	-	
-	-	-	-	-	-	-	-	
-	697	-	-	-	-	-	-	
(13)	47	-	-	(1)	-	-	-	
-	-	-	-	-	-	-	-	
1,441	2,050	621	141	235	232	-	-	
-	-	-	-	-	-	-	-	

Table 3.54 - FLOW OF FUNDS CAPITAL  
(In million)

Sector	Non-Financial			
	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings	-	77,350	-	63,258
2. Capital Consumption	-	39,695	-	37,063
3. Net Savings	-	37,655	-	26,195
4. Gross Investment	76,760	-	62,668	-
5. Real Investment	104,156	-	67,048	-
6. Consumer Durables	3,935	-	3,935	-
7. Real Estate/Other Fixed Assets	92,016	-	54,841	-
8. Inventory	8,205	-	8,272	-
9. Net Financial Investment	(27,396)	-	(4,380)	-
10. Total Financial Uses	32,083	-	(4,500)	-
11. Total Financial Sources	-	59,479	-	(120)
12. Gold & Foreign Currency Holdings	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-
14. Foreign loans	-	(4,519)	-	(32,395)
15. Other Foreign Monetary Claims	-	-	-	-
16. Domestic Currency	6,119	-	1,012	-
17. Demand Deposits	3,840	-	204	-
18. Savings and Time Deposits	12,557	-	12,527	-
19. Deposit Substitutes	(298)	-	(255)	-
20. Domestic Loans	2,169	32,892	1,732	25,147
21. Domestic Securities	10,689	16,856	(7,359)	2,128
22. Insurance Reserves	5,660	-	5,660	-
23. Trust Funds	222	-	222	-
24. Trade Credits	(10,315)	(10,315)	(14,676)	(16,592)
25. Taxes Payable	4,567	3,299	(100)	3,299
26. Inter-Financial Claims	-	-	-	-
27. Intra-Government	1,946	1,946	-	-
28. Miscellaneous	(5,073)	19,320	(3,467)	18,293
29. Statistical Discrepancy	590	-	590	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1983 (continued)  
pesos)

Sector			
P	r	i	v a t e
Corporations		Households and Non-Corporate Business	
U	S	U	S
-	29,669	-	33,589
-	28,828	-	8,235
-	841	-	25,354
29,669	-	32,999	-
57,644	-	9,404	-
-	-	3,935	-
90,984	-	(36,143)	-
(33,340)	-	41,612	-
(27,975)	-	23,595	-
18,458	-	(22,958)	-
-	46,433	-	(46,553)
-	-	-	-
-	-	-	-
-	(32,395)	-	-
-	-	-	-
335	-	677	-
29,746	-	(29,542)	-
912	-	11,615	-
(169)	-	(87)	-
1,732	(8,696)	-	33,843
4,254	2,128	(11,614)	-
(30)	-	5,690	-
(80)	-	302	-
(14,676)	41,757	-	(58,349)
(100)	3,299	-	-
-	-	-	-
-	-	-	22,047
(3,467)	40,340	-	-
-	-	590	-

Table 3.54 - FLOW OF FUNDS CAPITAL  
(In million)

Sector	Non-Financial			
	G o v e r n -			
Transaction Categories	TOTAL		National	
	U	S	U	S
1. Gross Savings	-	14,092	-	14,753
2. Capital Consumption	-	2,632	-	1
3. Net Savings	-	11,460	-	14,752
4. Gross Investment	14,092	-	14,753	-
5. Real Investment	37,108	-	10,331	-
6. Consumer Durables	-	-	-	-
7. Real Estate/Other Fixed Assets	37,175	-	10,660	-
8. Inventory	(67)	-	(329)	-
9. Net Financial Investment	(23,016)	-	4,422	-
10. Total Financial Uses	36,583	-	19,285	-
11. Total Financial Sources	-	59,599	-	14,863
12. Gold & Foreign Currency Holdings	-	-	-	-
13. Foreign Currency Deposits	-	-	-	-
14. Foreign loans	-	27,876	-	9,772
15. Other Foreign Monetary Claims	-	-	-	-
16. Domestic Currency	5,107	-	5,162	-
17. Demand Deposits	3,636	-	3,432	-
18. Savings and Time Deposits	30	-	(299)	-
19. Deposit Substitutes	(43)	-	-	-
20. Domestic Loans	437	7,745	-	1,369
21. Domestic Securities	18,048	14,728	8,463	4,481
22. Insurance Reserves	-	-	-	-
23. Trust Funds	-	-	-	-
24. Trade Credits	4,361	6,277	243	(1,006)
25. Taxes Payable	1,600	-	1,640	-
26. Inter-Financial Claims	-	-	-	-
27. Intra-Government	1,946	1,946	1,899	461
28. Miscellaneous	1,421	1,027	(1,255)	(214)
29. Statistical Discrepancy	-	-	-	-

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1983 (continued)  
pesos)

Sector				1983	
m	e	n	t	Grand Total	
Local		Corporation			
U	S	U	S	U	S
-	1,394	-	(2,055)	-	108,939
-	-	-	2,631	-	39,770
-	1,394	-	(4,686)	-	69,169
1,394	-	(2,055)	-	108,349	-
1,263	-	25,514	-	108,349	-
-	-	-	-	3,935	-
1,253	-	25,262	-	95,254	-
10	-	252	-	9,160	-
131	-	(27,569)	-	0	-
412	-	16,886	-	164,554	-
-	281	-	44,455	-	164,554
-	-	-	-	(5,554)	(5,554)
-	-	-	-	(5,549)	5,549
-	(13)	-	18,117	32,820	32,820
-	-	-	-	14,619	14,619
(78)	-	23	-	7,675	7,675
217	-	(13)	-	5,496	5,496
291	-	38	-	12,600	12,600
-	-	(43)	-	(1,424)	(1,424)
-	41	437	6,335	33,110	33,110
(3)	-	9,588	10,247	17,522	17,522
-	-	-	-	5,684	5,684
-	-	-	-	220	220
41	32	4,077	7,251	(10,315)	(10,315)
-	-	-	-	4,568	4,568
-	-	-	-	1,925	1,925
(71)	208	118	1,277	1,946	1,946
15	12	2,661	1,228	38,113	38,113
-	-	-	-	590	-

## CHAPTER 4

### NATURAL RESOURCES

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## CHAPTER 4

# NATURAL RESOURCES

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

Fishing statistics on the quantity and value of production of commercial vessels with a capacity of more than three tons, fishponds and data on municipal and sustenance fishing are collected and published by the Bureau of Fisheries and Aquatic Resources (formerly Philippine Fisheries Commission) in its annual publication Fisheries Statistics of the Philippines. Data on the number of commercial fishing vessels classified by type of vessels, method of propulsion, type of fishing gear, tonnage and fuel used; and on the quantity and value of production of commercial fishing vessels by type of species and by type of gear used are compiled monthly from reports of fishing operators. However, figures on imports and exports of fish and fish preparations are obtained from the Foreign Trade Division of the National Census and Statistics Office (NCSO).

Fishpond production is estimated based on a regional yearly average yield per hectare, computed on the basis of reports on yield 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.

Statistics on forestry are compiled by the Bureau of Forest Development (formerly Bureau of Forestry) and published annually in the Philippine Forestry Statistics. Data published include forest inventory, area under exploitation, reforestation and other silviculture treatment; quantity and value of production of timber, logs, lumber, plywood, veneer, and other forest products; value and destination of log and lumber exports; analysis of forest growth by climate type; and income derived from special permits and leases. Such data are by-products of the administrative and regulatory functions of the Bureau.

Forestry inventory statistics are updated by the Bureau 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 Bureau of Mines and Geo-Sciences, as well as by private mining companies. The data are compiled and released by the Bureau of Mines and Geo-Sciences.

The Central Bank also compiles data on production from the same sources and publishes them on the quarterly Central Bank Statistical Bulletin. Statistics prior to 1985 can be obtained from the National Economic and Development Authority (formerly NEC) publication, The Raw Materials Resources Survey Bulletin.

Table 4.1 - QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF  
PRODUCTION: 1950 TO 1985  
(Quantity in 1,000 metric tons and value in million pesos)

Year	Total		Commercial <sup>1</sup> fishing vessels		Aquaculture <sup>3</sup>		Municipal fishing <sup>2</sup> and sustenance Fishing	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	220.2	215.2	47.9	44.1	25.5	33.1	146.8	138.0
1955	362.9	322.4	107.2	75.0	36.7	45.9	219.0	201.5
1960	444.6	464.4	120.0	93.6	60.1	96.2	264.6	274.6
1965	667.2	806.5	300.1	372.1	63.2	106.2	303.9	328.2
1970	988.9	1,725.2	381.9	614.8	96.5	252.7	510.5	857.7
1971	1,023.1	2,331.0	382.3	879.2	97.9	328.0	542.9	1,123.8
1972	1,122.4	2,827.6	424.8	1,106.1	98.9	332.4	598.7	1,389.1
1973	1,204.8	3,295.4	465.4	1,261.6	99.6	434.3	639.8	1,599.5
1974	1,268.4	5,569.7	470.7	2,389.5	113.2	784.4	684.5	2,395.7
1975	1,336.8	5,919.1	498.6	2,549.0	106.5	809.1	731.7	2,561.0
1976	1,393.5	7,297.9	508.2	2,697.8	159.3	1,192.2	726.0	3,408.0
1977	1,508.9	8,809.2	518.2	3,543.2	163.6	1,250.9	827.1	4,015.1
1978	1,580.4	9,477.2	505.8	3,465.2	216.7	1,201.6	857.9	4,810.5
1979	1,581.3	10,536.7	500.7	3,512.2	241.2	1,660.2	839.3	5,364.2
1980	1,672.2	11,644.4	488.5	3,784.7	289.2	1,841.9	894.6	6,017.8
1981	1,772.9	13,953.8	494.8	4,124.6	339.5	2,865.5	938.6	6,963.7
1982	1,897.0	15,064.0	526.8	4,355.2	392.3	3,393.3	978.3	7,315.5
1983	2,110.2	18,981.5	519.3	4,642.7	445.1	4,799.2	1,145.8	9,539.6
1984	2,080.4	25,649.9	513.3	6,521.2	477.9	7,265.9	1,089.2	11,862.8
1985	2,052.1	31,897.3	512.0	7,857.2	494.7	8,724.4	1,045.4	14,715.7

Note:

<sup>1</sup> Commercial - Includes production by commercial fishing vessels.

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

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

Source: Bureau of Fisheries and Aquatic Resources.

Table 4.2 - IMPORTS AND EXPORTS OF  
(Quantity in 1,000 kilograms and

Year	Imports					
	Fish and fish preparation		Fresh or simply prepared		Fish and fish preparation, canned or not canned	
	Quantity	Value	Quantity	Value	Quantity	Value
1965	53,131	14,508	329	59	42,418	14,449
1970	53,131	16,784	144	53	52,987	16,731
1971	58,750	20,632	7	13	58,743	20,619
1972	52,599	19,713	3	11	52,596	19,702
1973	39,882	19,698	3	7	39,879	19,691
1974	47,114	31,605	6	36	47,108	31,569
1975	58,203	33,400	9	24	58,194	33,376
1976	45,384	30,424	24	105	45,360	39,319
1977	26,439	22,397	35	156	26,403	22,241
1978	29,821	23,774	43	174	29,768	23,600
1979	22,514	19,719	68	391	22,446	19,328
1980	28,781	26,460	26	199	28,755	26,261
1981	30,351	29,546	29	229	30,323	29,317
1982	42,393	38,087	6,190	1,597	36,208	35,489
1983	8,943	6,803	3,545	1,196	5,397	5,607
1984	1,281	1,022	1,269	979	12	23
1985	5,362	1,388	5,155	1,113	207	275
1986	32,909	8,725	32,308	8,019	601	706

<sup>1</sup> Includes crustaceans and mollusks.

Source: National Census and Statistics Office.

FISH PREPARATIONS<sup>1</sup>: 1965 to 1986  
 value in 1,000 f.o.b. U.S. dollars)

Exports					
Fish and fish preparation		Fresh or simply prepared		Fish and fish preparation, canned or not canned	
Quantity	Value	Quantity	Value	Quantity	Value
515	206	417	162	98	44
2,429	2,551	2,175	2,420	254	131
5,908	6,668	5,506	6,456	402	212
9,713	11,545	9,287	11,280	426	265
14,400	19,820	13,786	19,314	614	506
16,555	18,367	15,751	17,382	804	985
13,015	16,572	12,135	15,671	880	901
13,957	27,135	12,826	25,888	1,131	1,247
23,852	41,709	22,097	39,279	1,755	2,430
38,053	62,793	33,142	55,851	4,911	6,942
42,939	49,082	38,278	41,609	4,661	7,473
70,238	138,075	58,426	107,387	11,812	30,688
63,689	143,344	44,872	89,860	18,817	53,664
46,547	119,283	26,132	70,666	20,415	48,618
53,449	131,695	28,881	76,685	24,568	55,010
51,538	115,485	27,760	68,208	23,778	47,277
58,748	148,534	32,066	98,816	26,882	49,239
60,663	196,558	32,572	143,610	28,091	52,947

Table 4.3 - PRODUCTION AND EXPORTS OF GATHERED  
(Value in thousand pesos and)

Year	Total value	Production							
		Reptile skins		Seaweeds		Shells <sup>1</sup>		Miscellaneous <sup>2</sup>	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1955	425	4	11	1	-	947	358	497	56
1960	212	4	7	95	17	348	153	550	35
1965	700	4	83	305	199	329	330	235	88
1970	1,165	-	1	209	71	1,824	1,067	23	26
1971	2,452	-	-	474	164	24,950	2,083	226	205
1972	1,971	1	2	259	237	24,918	1,622	38	110
1973	1,985	1	4	6	307	41,762	1,632	57	42
1974	8,435	-	-	2,099	4,823	3,328	3,209	24	403
1975	19,687	1	22	3,676	10,750	4,635	8,496	74	419
1976	14,135	2	16	1,918	3,152	5,834	10,447	105	520
1977	10,521	2	14	2,001	4,152	4,609	5,510	98	845
1978	21,699	15	72	5,461	11,362	6,752	8,549	457	1,716
1979	30,290	9	134	6,852	14,002	4,570	14,835	170	1,319
1980	18,077	7	109	8,767	10,564	1,951	6,045	166	1,359
1981	51,133	20	306	11,162	30,367	8,627	17,349	243	3,111
1982	6,961	1	29	619	1,880	9,278	3,745	239	1,307
1983	16,872	5	137	1,555	4,530	7,586	8,040	412	4,165
1984	76,005	4	244	11,694	60,108	1,969	8,958	707	6,695
1985	53,065	3	69	14,527	23,157	1,054	10,691	949	19,148

<sup>1</sup> Includes Capiz shells, MOP, trocas, snail, turtle shells, ornamental and miscellaneous shells.

<sup>2</sup> Excludes corals, reported in cubic meters.

Source: Bureau of Fisheries and Aquatic Resources.

FISHERY PRODUCTS: 1955 to 1985  
 quantity in metric tons)

Exports								
Total value	Reptile skins		Seaweeds		Shells <sup>1</sup>		Miscellaneous <sup>2</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,924	4	9	-	-	643	1,880	171	35
945	4	26	-	-	670	881	40	38
2,133	3	94	-	-	451	1,892	171	147
5,175	2	80	318	527	990	4,274	87	294
5,746	5	381	340	676	1,747	4,384	25	305
6,751	97	607	484	1,414	1,095	4,564	5	166
13,328	10	1,897	1,433	4,062	1,862	6,850	41	519
23,947	11	1,332	5,040	14,973	2,438	7,404	19	238
196,998	12	1,589	4,515	13,292	7,801	181,650	71	467
142,880	9	2,664	3,950	1,366	6,740	138,459	6	391
132,405	13	3,080	6,094	14,667	7,496	106,294	618	8,364
178,795	18	6,926	13,575	42,481	5,724	112,348	1,286	17,040
193,248	14	10,534	16,496	58,521	5,147	108,268	1,136	15,925
188,988	18	9,466	13,191	55,648	4,310	97,741	2,449	26,133
206,818	25	17,401	15,110	59,280	4,118	102,530	2,155	27,607
199,558	7	4,606	16,248	79,591	3,118	92,798	1,682	22,563
309,594	5	3,576	15,744	110,921	3,376	133,728	3,445	61,369
456,049	5	7,724	10,256	81,244	1,974	303,674	2,932	63,407
744,043	3	3,071	24,707	381,489	6,398	284,984	5,011	74,499

Table 4.4 - SELECTED CHARACTERISTICS OF COMMERCIAL

Year	Number of Fishing Vessels by Tonnage				
	Total	3-9 Gross Tonnage	10-19 Gross Tonnage	20-49 Gross Tonnage	50-99 Gross Tonnage
1955	1,238	560	335	194	146
1960	1,436	574	385	236	229
1965	1,780	624	368	327	349
1970	1,844	437	401	402	441
1971	1,867	569	377	380	377
1972	1,865	517	390	403	386
1973	2,243	582	460	482	469
1974	1,840	530	379	423	350
1975	2,500	831	531	508	397
1976	2,098	745	451	441	310
1977	1,802	668	368	391	247
1978	2,132	797	516	421	291
1979	2,421	830	583	503	311
1980	2,366	811	653	467	278
1981	2,349	727	643	486	277
1982	2,580	819	742	512	275
1983	2,634	867	690	569	277
1984	2,666	893	698	611	265
1985	2,484	776	666	602	251

Note: Accessory Crafts not included, e.g. Fish carrier,  
Pearling Vessels, Light Boat, Skiff boat, etc.

Source: Bureau of Fisheries and Aquatic Resources.

## FISHING VESSELS: 1955 TO 1985

100-199 Gross Tonnage	200 & over Gross Tonnage	Number of Powered Fishing Vessels	Number of Non-Powered Fishing Vessels	Number of Unclassified Fishing Vessels	Number of Licensed Fishermen
3	-	1,238	-	0	10,287
12	-	1,436	63	0	15,453
112	-	1,780	262	189	31,170
163	-	1,844	175	44	28,379
164	-	1,867	31	7	29,844
147	22	1,865	53	0	30,493
197	53	2,243	54	4	48,641
138	20	1,840	58	0	52,473
174	59	2,500	43	-	44,866
122	29	2,098	48	-	43,109
94	34	1,802	51	-	41,160
103	4	2,132	...	0	41,156
141	53	2,421	43	-	42,145
137	20	2,366	41	-	53,843
145	71	2,310	39	-	50,790
156	76	2,473	107	-	51,514
158	73	2,514	120	-	44,880
138	61	2,621	45	-	44,618
136	53	2,343	141	-	51,005

Table 4.5 - SELECTED CHARACTERISTICS OF FISHPONDS IN OPERATION:  
1955 to 1985

Year	Area (hectares)	Invest- ments <sup>1</sup> (thousand pesos)	Employ- ment <sup>2</sup> (number)	Produc- tion (metric tons)	Average produc- tion (kilo- gram per hectare)	Value of production (thousand pesos)	Ratio of value of produc- tion to invest- ment (percent)
1955	104,953	209,905	104,953	36,783	350	45,917	21.88
1960	123,252	246,504	123,252	60,120	488	96,191	39.02
1965	137,251	274,501	137,251	63,198	460	106,172	38.68
1970	168,118	336,236	168,118	96,461	574	252,720	75.16
1971	171,446	342,893	171,446	97,915	571	323,016	94.20
1972	174,101	348,202	174,101	98,923	568	332,380	95.46
1973	176,032	1,056,193	176,032	99,600	566	434,256	41.12
1974	176,032	1,056,193	176,032	113,195	643	784,440	74.27
1975	176,032	1,056,193	176,032	106,461	605	809,103	76.61
1976	176,231	1,057,383	176,231	112,761	640	845,704	79.98
1977	176,231	1,057,383	176,231	115,756	657	891,321	84.30
1978	176,231	1,762,305	176,231	118,682	673	949,456	53.88
1979	176,231	1,762,305	176,231	133,598	758	1,202,382	68.23
1980	176,231	1,762,305	176,231	135,951	771	1,386,700	78.69
1981	195,832	5,874,957	195,832	170,431	870	1,874,741	31.91
1982	195,832	5,874,957	195,832	180,484	922	2,184,392	37.18
1983	196,269	5,888,075	196,269	183,773	936	3,122,698	53.03
1984	206,525	6,195,760	206,525	198,729	962	5,116,683	82.58
1985	205,000	6,150,015	205,000	198,546	968	6,522,031	106.05

<sup>1</sup>From 1955 to 1972 investments were based on the average development cost of P 2,000 per hectare. Starting 1973, investments were based on the average development cost of P 6,000 per hectare. From 1978 to 1980, investments were based on the average development cost of P 10,000 per hectare. From 1981 to date, investments were based on the average development cost of P 30,000 per hectare.

<sup>2</sup>Based on the average of one man employed to every hectare.

Source: Bureau of Fisheries and Aquatic Resources.

**Figure 4.1**  
**QUANTITY AND VALUE OF FISH PRODUCTION**  
**BY TYPE OF PRODUCTION 1971 to 1985**

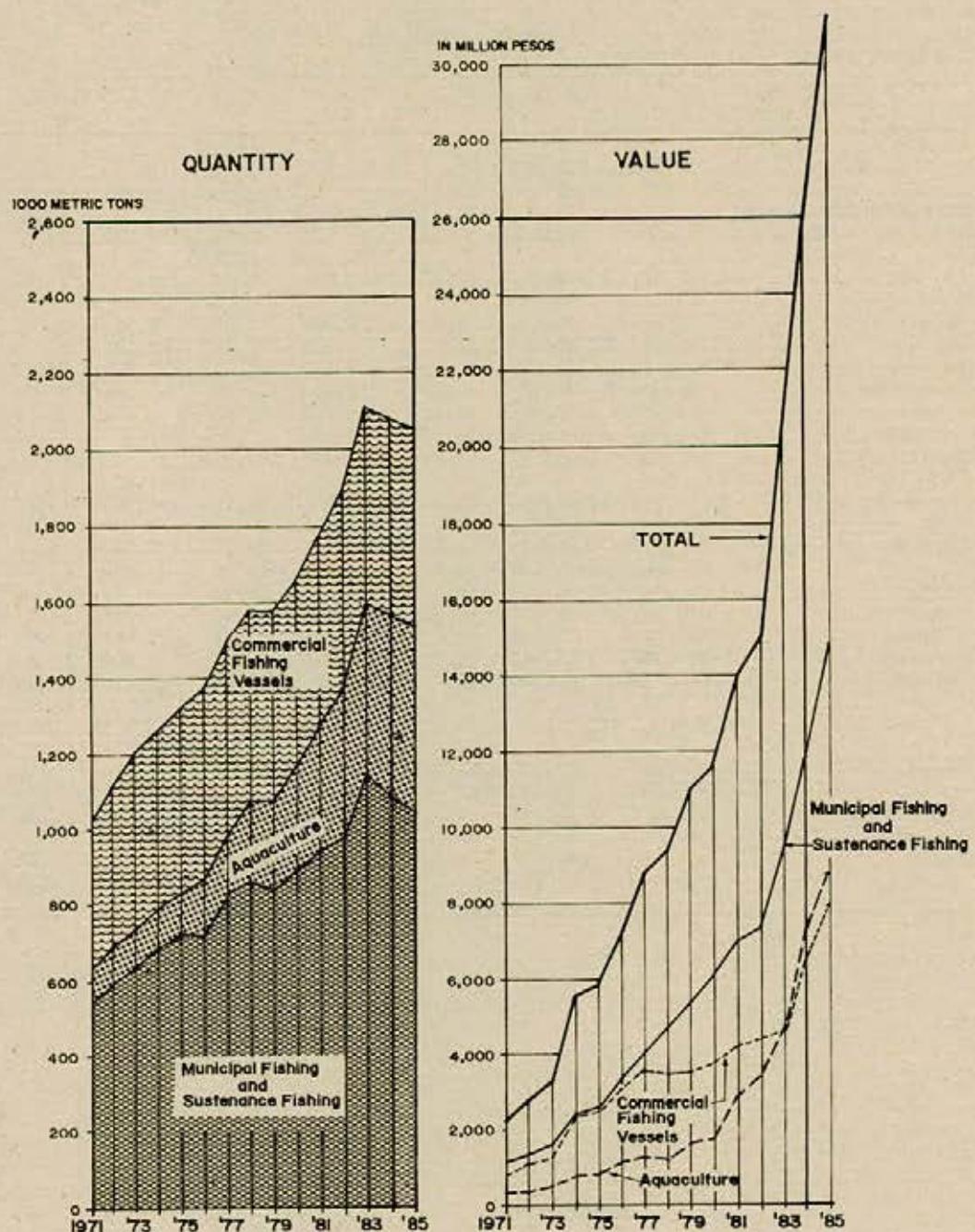


Table 4.6 - STATUS OF LAND CLASSIFICATION BY PROVINCE:  
AS OF DECEMBER 31, 1986  
(In hectares)

Region/province	Area of region/province	Classified area				Unclassified area	
		Alienable and disposable		Timberland <sup>2</sup>		Area	Percent
		Area	Percent	Area	Percent		
Philippines	30,000,000	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
Metropolitan Manila Area <sup>1</sup> (Nat'l Capital Region)	63,600	48,232	75.84	376	0.59	14,992	23.57
Region 1	2,156,845	1,007,691	46.72	1,006,033	46.64	143,121	6.64
Abra	397,555	95,632	24.06	269,969	67.91	31,954	8.04
Benguet	265,538	84,483	31.82	119,814	45.12	61,241	23.06
Mt. Province	209,733	43,190	20.59	116,617	55.60	49,926	23.80
Ilocos Norte	339,934	144,870	42.62	195,064	57.38	-	-
Ilocos Sur	257,958	124,906	48.42	133,052	51.58	-	-
La Union	149,309	108,279	72.52	41,030	27.48	-	-
Pangasinan	536,818	406,331	75.69	130,487	24.31	-	-
Region 2	3,640,300	1,046,111	28.74	2,444,671	67.16	149,518	4.11
Batanes	20,928	7,432	35.51	12,098	57.81	1,398	6.68
Cagayan	900,267	348,656	38.73	545,473	60.59	6,138	0.68
Ifugao	251,778	25,203	10.01	226,575	89.99	-	-
Isabela	1,066,456	455,434	42.71	591,678	55.48	19,344	1.81
Kalinga Apayao	704,764	73,885	10.48	603,360	85.61	27,519	3.90
Nueva Vizcaya	390,387	88,921	22.78	220,062	56.37	81,404	20.85
Quirino	305,720	46,580	15.24	245,425	80.28	13,715	4.49
Region 3	1,823,082	1,039,655	57.03	725,710	39.81	57,717	3.17
Bataan	137,296	69,325	50.49	67,971	49.51	-	-
Bulacan	262,500	180,625	68.81	81,875	31.19	-	-
Nueva Ecija	528,433	330,864	62.61	166,081	31.43	31,488	5.96
Pampanga	218,068	164,912	75.62	43,052	19.74	10,104	4.63
Tarlac	305,345	181,607	59.48	109,819	35.97	13,919	4.56
Zambales	371,440	112,322	30.24	256,912	69.17	2,206	0.59

Table 4.6 - STATUS OF LAND CLASSIFICATION BY PROVINCE (continued)  
 AS OF DECEMBER 31, 1986  
 (In hectares)

Region/province	Area of region/province	Classified area				Unclassified area	
		Alienable and disposable		Timberland <sup>2</sup>		Area	Percent
		Area	Percent	Area	Percent		
Region 4	4,692,416	2,033,082	43.33	2,461,261	52.45	198,073	4.22
Aurora	323,954	132,008	40.75	191,946	59.25	-	-
Batangas	316,581	218,206	68.93	14,061	4.44	84,314	26.63
Cavite	128,755	100,550	78.09	4,982	3.87	23,223	18.04
Laguna	175,973	131,662	74.82	14,695	8.35	29,616	16.83
Marinduque	95,925	73,720	76.85	22,205	23.15	-	-
Quezon	870,660	464,907	53.40	405,753	46.60	-	-
Rizal	130,892	63,889	49.48	67,003	50.52	-	-
Mindoro Occidental	587,985	156,004	26.53	397,555	67.61	34,426	5.85
Mindoro Oriental	436,472	222,433	50.96	214,039	49.04	-	-
Romblon	135,593	99,244	73.19	9,855	7.27	26,494	19.54
Palawan	1,489,626	370,459	24.87	1,119,167	75.13	-	-
Region 5	1,763,249	1,218,664	69.11	509,016	28.87	35,569	2.02
Albay	255,257	206,157	80.76	49,100	19.24	-	-
Camarines Norte	211,249	137,022	64.86	74,227	35.14	-	-
Camarines Sur	526,682	365,551	69.41	161,131	30.59	-	-
Catanduanes	151,148	73,325	48.51	77,823	51.49	-	-
Macabato	404,769	263,164	65.02	106,036	26.20	35,569	8.79
Sorsogon	214,144	173,445	80.99	40,699	19.01	-	-
Region 6	2,022,311	1,403,544	69.40	598,407	29.59	20,360	1.01
Aklan	181,789	102,789	56.54	78,281	43.06	719	0.40
Antique	252,201	144,728	57.39	87,832	34.83	19,641	7.79
Capiz	263,317	169,143	64.24	94,174	35.76	-	-
Iloilo	532,397	391,317	73.50	141,080	26.50	-	-
Negros Occidental	792,607	595,567	75.14	197,040	24.86	-	-
Region 7	1,495,142	919,126	61.47	478,482	32.00	97,534	6.52
Bohol	411,726	310,210	75.34	101,516	24.66	-	-
Cebu	508,839	338,816	66.59	152,770	30.02	17,253	3.39
Negros Oriental	540,227	247,921	45.89	218,489	40.44	73,817	13.66
Siquijor	34,350	22,179	64.57	5,707	16.61	6,464	18.82
Region 8	2,143,169	1,014,233	47.32	1,113,061	51.94	15,875	0.74
Leyte del Norte	626,826	406,978	64.93	219,848	35.07	-	-
Leyte del Sur	173,480	123,434	71.15	50,046	28.85	-	-
Northern Samar	349,798	148,076	42.33	201,722	57.67	-	-
Eastern Samar	433,965	139,327	32.11	278,763	64.24	15,875	3.66
Western Samar	559,100	196,418	35.13	362,682	64.87	-	-

Table 4.6 - STATUS OF LAND CLASSIFICATION BY PROVINCE (continued)  
 AS OF DECEMBER 31, 1986  
 (In hectares)

Region/province	Area of region/province	Classified area				Unclassified area	
		Alienable and disposable		Timberland <sup>2</sup>		Area	Percent
		Area	Percent	Area	Percent		
Region 9	1,868,514	887,080	47.48	854,607	45.74	126,827	6.79
Basilan	132,723	75,795	57.11	56,928	42.89	-	-
Sulu	160,040	90,961	56.84	39,390	24.61	29,689	18.55
Tawi-tawi	108,740	46,394	42.67	11,022	10.14	51,324	47.20
Zamboanga del Norte	661,811	262,350	39.64	359,661	54.34	39,800	6.01
Zamboanga del Sur	805,200	411,580	51.12	387,606	48.14	6,014	0.75
Region 10	2,832,774	1,062,326	37.50	1,740,682	61.45	29,766	1.05
Agusan del Norte	259,029	62,272	24.04	196,757	75.96	-	-
Agusan del Sur	896,550	220,544	24.60	676,006	75.40	-	-
Bukidnon	829,378	335,900	40.50	493,478	59.50	-	-
Misamis Occidental	193,932	126,375	65.16	67,557	34.84	-	-
Misamis Oriental	357,003	174,940	49.00	170,625	47.79	11,438	3.20
Camiguin	22,980	20,767	90.37	2,213	9.63	-	-
Surigao del Norte	273,902	121,528	44.37	134,046	48.94	18,328	6.69
Region 11	3,169,275	1,195,522	37.72	1,972,972	62.25	781	-
Southern Cotabato	746,876	335,586	44.93	411,290	55.07	-	-
Davao del Norte	812,975	292,821	36.02	520,154	63.98	-	-
Davao del Sur	637,762	233,719	36.65	404,043	63.35	-	-
Davao Oriental	516,446	200,796	38.88	314,869	60.97	781	0.15
Surigao del Sur	455,216	132,600	29.13	322,616	70.87	-	-
Region 12	2,329,323	977,132	41.95	1,055,749	45.32	296,442	12.73
Lanao del Norte	309,204	158,473	51.25	146,030	47.23	4,701	1.52
Lanao del Sur	387,289	133,135	34.38	254,154	65.62	-	-
North Cotabato	656,590	145,287	22.13	333,103	50.73	178,200	27.14
Maguindanao	504,760	306,622	60.75	87,768	17.39	110,370	21.87
Sultan Kudarat	471,480	233,615	49.55	234,694	49.78	3,171	0.67

<sup>1</sup>Includes Manila, Caloocan City, Pasay City, Quezon City, Las Pinas, Makati, Malabon, Mandaluyong, Marikina, Muntinlupa, Navotas, Paranaque, Pasig, Pateros, San Juan, Taguig and Valenzuela.

<sup>2</sup>Timberland includes established Forest Reserves, established Timberland, National Parks GRBS/WA, Military and Naval Reservation, Civil Reservation, and Fishponds.

Source: Bureau of Forest Development.

Table 4.7 - CLASSIFIED AND UNCLASSIFIED LAND AREA: 1955 TO 1986  
 (In hectares)

Year	Classified Area				Unclassified Area	
	Alienable and disposable		Timberland			
	Area	Percent	Area	Percent	Area	Percent
FY 1955	10,470,634	34.90	4,079,231	13.59	15,450,135	51.51
1960	11,883,353	39.61	6,300,979	21.00	11,815,168	39.39
1965	12,365,431	41.21	7,727,082	25.75	9,906,482	33.04
1970	12,572,433	41.90	8,542,527	28.47	8,885,040	29.63
1971	12,651,472	42.17	8,794,789	29.31	8,553,739	28.52
1972	12,747,706	42.49	8,851,076	29.50	8,401,218	28.01
1973	12,807,993	42.69	8,936,369	29.78	8,256,638	27.53
1974	12,917,083	43.07	9,064,142	30.21	8,018,775	26.72
1975	12,970,284	43.23	9,136,345	30.45	7,893,371	26.31
CY 1976	12,974,969	43.25	9,266,008	30.89	7,759,028	25.86
1977	12,990,866	43.30	9,270,215	30.90	7,738,919	25.80
1978	13,070,886	43.57	9,301,190	31.00	7,627,924	25.43
1979	13,093,000	43.64	9,329,000	31.10	7,578,000	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	36.09	5,846,639	19.49
1982	13,370,546	44.57	11,076,276	36.92	5,553,178	18.51
1983	14,467,592	48.23	10,472,269	34.91	5,060,139	8.00
1984	14,515,393	48.38	13,657,272	45.52	1,827,335	6.10
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

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

Source: Bureau of Forest Development.

Table 4.8 - AREA REFORESTED ANNUALLY: 1976 TO 1986  
(In hectares)

Year	Total	Newly planted area <sup>1</sup>					
		Government sector			Private sector		
		Total	BFD	Other agencies	Total	Timber licenses	Civic program
1976	31,733	23,228	20,977	2,251	8,505	8,275	230
1977	53,263	33,365	23,677	9,688	19,898	17,276	2,622
1978	78,425	44,686	34,343	10,343	33,739	22,006	11,733
1979	79,397	51,858	35,305	16,553	27,539	20,132	7,407
1980	60,516	39,881	32,956	6,925	20,635	15,579	5,056
1981	64,541	33,296	30,707	2,589	31,245	20,096	11,149
1982	63,262	35,201	31,202	3,999	28,061	21,588	6,473
1983	78,538	42,239	27,155	15,084	36,299	31,703	4,596
1984	38,935	16,088	15,520	568	22,847	14,186	8,661
1985	24,231	12,684	12,201	483	11,547	8,148	3,399
1986	32,998	24,426	22,495	1,931	8,572	6,572	2,000

<sup>1</sup> Area established by the Bureau of Forest Development.  
Source: Bureau of Forest Development.

Table 4.9 - QUANTITY OF PRODUCTION OF LOGS, LUMBER,  
 PLYWOOD AND VENEER: FY 1960 TO 1986  
 (1,000 m<sup>3</sup>)

Year	Logs	Lumber	Plywood	Veneer
FY 1960	6,315	907	191	150
1965	6,175	1,254	352	438
1970	11,005	1,341	338	90
1971	10,680	860	653	242
1972	8,416	1,411	642	234
1973	10,446	1,060	732	211
1974	10,190	1,114	705	172
1975	11,156	2,274	466	207
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 <sup>r</sup>	1,234 <sup>r</sup>	574 <sup>r</sup>	98 <sup>r</sup>
1985	3,568 <sup>r</sup>	1,062 <sup>r</sup>	350 <sup>r</sup>	77 <sup>r</sup>
1986 <sup>P</sup>	3,434	977	424	73

Source: Bureau of Forest Development.

Table 4.10 - MINERAL ORE  
(In thousand)

Kind of Ore	Estimated reserves			
	1975	1976	1977	1978
Total	33,116,486	35,113,441	30,470,407	32,734,345
Metallic	11,195,509	11,512,853	11,888,743	10,183,296
Cadmium	47	47	47	47
Chromite	10,696	11,854	13,974	17,255
(Metallurgical)	2,298	4,009	6,359	10,249
(Refractory)	8,398	7,845	7,615	7,006
(Chemical)	...	...	...	...
Copper	3,206,225	3,518,324	3,628,113	3,657,290
Gold	520,876	517,772	802,100	1,003,876
Iron	3,536,635	3,544,422	3,528,795	4,032,259
(Aluminum laterite)	292,010	292,010	292,010	292,010
(Laterite)	3,048,102	3,048,102	3,048,102	3,513,323
(Lump ore)	74,853	74,853	60,132	71,103
(Magnetic sand)	121,670	129,457	128,551	155,823
Lead	10,332	7,101	6,750	6,489
Manganese	1,034	1,244	1,451	1,504
Mercury	5,582	5,435	5,435	15,897
Molybdenum	74,986	74,986	70,999	70,999
Nickel	3,814,939	3,822,386	3,819,285	1,366,122
Platinum	942	942	942	942
Uranium	90	90	90	90
Zinc	13,125	8,250	10,762	10,526
Non-Metallic	21,920,977	23,600,588	18,581,664	22,551,049
Asbestos	4,201	4,515	2,421	2,093
Barite	...	118	139	105
Cement raw materials	9,953,552	10,320,107	6,454,087	5,571,133
Clay	293,736	895,216	891,675	876,819
Coal	...	...	...	...
Construction materials	728,480	832,944	542,070	593,109
Diatomaceous earth	3,543	3,543	3,543	3,903
Dolomitic limestone	488,798	475,798	239,798	240,765
Feldspar	350,371	355,511	354,249	27,124
Gypsum	1,955	1,955	1,908	1,882
Limestone	6,390,706	7,152,923	5,973,433	9,133,316
Magnesite	1,491	1,491	691	1,491
Marble	3,309,436	3,150,391	3,196,051	3,739,454

RESERVES: 1974 TO 1984  
 tonnes)

as of December 31

1979	1980	1981	1982	1983	1984
33,819,009	33,610,356	34,650,919	34,781,294	33,876,975	30,669,245
11,345,190	9,601,685	10,248,615	10,314,690	9,910,498	6,219,016
47	47	47	47	47	47
72,846	94,853	96,716	91,576	93,106	32,941
65,389	86,627	87,599	83,470	84,632	16,922
7,457	8,226	9,117	8,106	8,474	12,701
...	...	...	...	...	3,318
3,939,934	4,313,253	4,333,813	4,310,620	4,212,316	3,997,674
1,664,587	2,014,467	1,933,140	2,108,260	1,840,610	100,637
4,070,138	1,237,905	1,319,391	1,331,093	1,303,447	474,362
292,010	292,010	292,011	292,011	292,010	292,010
3,513,063	727,393	783,878	798,679	769,849	...
95,953	98,278	123,278	120,179	121,364	80,732
169,112	120,224	120,224	120,224	120,224	101,620
9,328	9,360	9,237	9,318	9,472	6,313
7,546	7,535	7,535	7,537	7,536	1,397
15,897	15,897	15,897	15,897	15,897	16,243
70,999	184,130	765,515	670,980	658,390	30,608
1,479,462	1,708,854	1,751,007	1,752,120	1,753,132	1,552,678
942	942	942	942	942	...
90	90	90	90	90	...
13,374	14,352	15,285	16,210	15,513	6,163
22,473,819	24,008,671	24,402,304	24,466,604	23,966,477	24,450,229
2,903	24,498	24,498	24,498	24,498	24,498
192	149	174	180	153	163
5,308,066	6,849,886	6,350,588	6,249,970	6,178,482	6,399,211
782,109	1,061,502	1,088,073	1,076,390	1,068,749	1,088,504
...	...	...	...	...	...
659,551	637,802	655,607	656,710	649,932	687,882
2,903	2,903	3,903	3,903	3,903	3,903
290,756	290,745	264,578	271,672	267,832	256,577
25,192	25,114	30,038	32,298	31,148	29,393
1,882	1,882	1,884	1,884	1,884	1,883
8,979,480	8,793,041	9,633,627	9,770,269	9,748,973	9,217,285
580	26,536	26,535	26,536	26,536	26,534
3,773,313	3,942,751	3,955,039	3,970,772	3,942,974	4,155,251

Table 4.10 - MINERAL ORE  
(In thousand

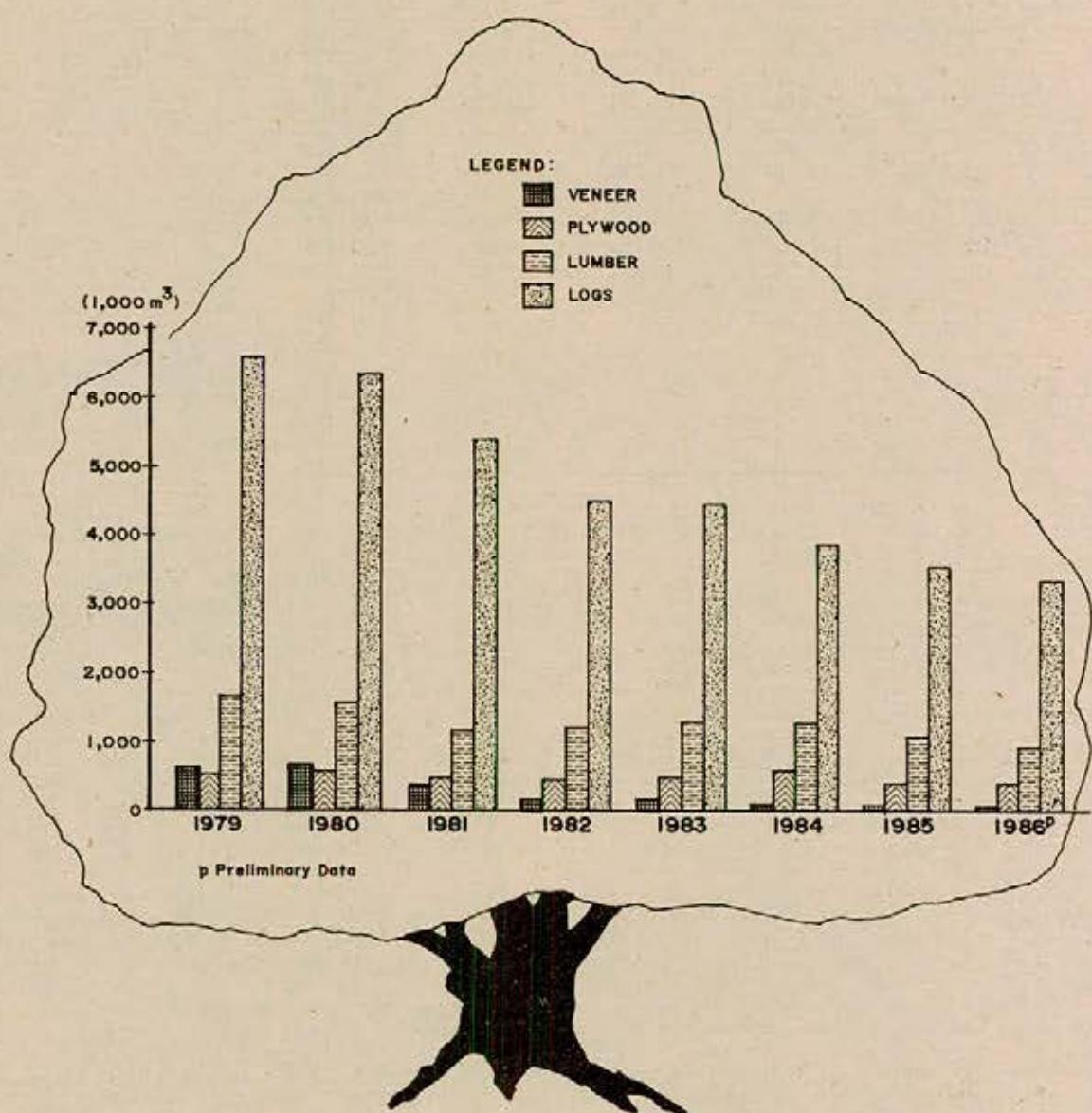
Kind of Ore	Estimated reserves as of December 31				
	1975	1976	1977	1978	1979
Peat	2,016	2,016	2,016	2,016	2,016
Perlite	18,797	18,533	31,678	18,531	18,528
Pumice and pumicite	31,678	31,678	18,760	21,878	21,878
Pyrite	19,042	18,865	18,760	987,502	987,419
Quartz	19,262	19,310	161,296	511,606	511,925
Rock asphalt	550	550	...	...	...
Saprolite	172,981	172,981	...	...	...
Silica rock	15,589	15,589	15,544	15,544	13,876
Silica rock form	...	...	...	...	...
Silica sand	75,117	86,639	637,629	772,869	1,061,328
Sulphur	39,408	39,541	35,542	29,454	29,454
Talc	268	374	374	455	468
Silica pebbles/cobbles	...	...	...	...	...
Bauxite	...	...	...	...	...
Bentonite	...	...	...	...	...
Guano	...	...	...	...	...
Limestone for Agricultural line	...	...	...	...	...
Rock phosphate	...	...	...	...	...

Source: Bureau of Mines and Geo-Sciences.

RESERVES: 1974 TO 1984 (continued)  
 tonnes)

1980	1981	1982	1983	1984
2,016	2,016	2,016	2,016	...
18,526	18,518	18,526	18,748	18,513
21,878	21,878	21,878	21,878	21,878
987,324	987,257	987,470	987,757	987,120
512,476	511,267	510,390	511,734	...
...	...	...	...	...
...	...	...	...	...
13,876	13,876	13,876	13,876	...
...	...	...	...	1,005,428
765,810	782,992	797,410	435,448	92,403
29,453	29,453	29,453	29,453	29,453
503	503	503	503	503
...	...	...	...	6,822
...	...	...	...	82,650
...	...	...	...	667
...	...	...	...	815
...	...	...	...	310,547
...	...	...	...	2,346

Figure 4.2  
QUANTITY OF PRODUCTION OF LOGS, LUMBER,  
PLYWOOD AND VENEER: CY 1979 to 1986



## CHAPTER 5

### AGRICULTURE

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## CHAPTER 5

# AGRICULTURE

This chapter presents basic statistics on the agricultural sector. Included are time series data on the quantity and value of production for each major crop; hectarage and average yield; farm characteristics; population and inventory value of poultry and livestock herd; number and dressed weights of animals slaughtered; total area transferred to tenants under the land reform program; and agricultural loans outstanding and granted by financial institutions.

The Bureau of Agricultural Economics (BAEcon) is the primary source of various statistical characteristics of the agricultural sector. Until crop year 1975 (July 1, 1974 to June 30, 1975) the Bureau gathered information on agricultural aspects with emphasis on rice and corn hectarage, the quantity and value of crop production, and the number and value of livestock and poultry through its Integrated Agricultural Surveys (IAS), which is the forerunner of the Crop and Livestock Surveys (CLS).

Since the IAS was designed for palay and corn estimates, a project was conceived in 1975 to introduce improvements in the livestock and poultry statistics in the country. Consequently, the IAS was disintegrated into two components, namely: (1) Rice and Corn Survey (RCS); and (2) Livestock and Poultry Survey (LPS). These were implemented in 1976.

These two surveys have since then been conducted independently using the interview method of data collection from among the sample households throughout the country. Until July of crop year 1980, the RCS was conducted five times a year, the first round in September, the second in November and the third, fourth and fifth rounds in January, April and July, respectively. The first two rounds were aimed primarily to collect indicators on palay and corn hectarage and production for the first semester (July-December) of the current crop year covering a subsample equivalent to one-half (1/2) of the total number of sample barangays in the final rounds conducted every January and July. The April round has the same sample size as the September and November rounds and was aimed to generate a forecast on palay and corn hectarage and production for the second semester (January-June) of the current crop year. The two final rounds conducted every January and July were designed to provide final estimates on palay and corn hectarage, production and disposition as well as information on the utilization of agricultural inputs for the first and second semesters, respectively.

Starting with the October round of CY 1980, the RCS has been conducted quarterly: (1) the first round in July provides final estimates on palay hectarage and production for April to June and forecast estimates for July to September; (2) the second round in October provides final estimates for July to September and forecast estimates for October to December; (3) the third round in January provides final estimates for October to December and forecast estimates for January to March; and (4) the fourth round in April provides final estimates for January to March and forecast estimates for April to June. Each survey round serves also as a confirmation of the forecast estimates gathered during the preceding round.

January and October rounds provide estimates on corn hectarage and production for July to December of the current crop year. April and July rounds provide corn estimates for January to June. Final estimates for corn are derived from the January and October rounds while forecast estimates come from the April and July rounds.

The Livestock and Poultry Survey (LPS), on the other hand, was designed to provide estimates on livestock and poultry population. Until 1981 two separate surveys (backyard livestock and poultry survey and commercial poultry and livestock survey) were conducted annually (every February) as a joint undertaking with the Bureau of Animal Industry. Beginning 1982, the backyard livestock and poultry survey was integrated into the RCS. Commercial poultry and livestock survey has since then been conducted semiannually for large animals and quarterly for small animals.

Geographically, the two independent surveys cover the twelve regions in the country. Each province is treated as an independent domain. Collection of data at the municipality level was initiated in Region X in April 1979, followed by Region III in October 1980. This system of data collection at the municipality level will be continued by the Bureau until all provinces in the country shall have been covered. The provinces of Batanes and Tawi-tawi, however, are excluded from the survey due to administrative and operational difficulties. Estimates for these provinces are obtained through special arrangements with other agencies of the Department.

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 National Census and Statistics Office also collects data by means of agriculture censuses conducted at irregular intervals. Farm characteristics collected include: (1) area and number of agricultural holdings classified into different types, (2) aggregate area of field crops and number of holdings reporting them; (3) area and number of trees and vines of productive age and number of agricultural holdings reporting them; (4) number of livestock herd at a specific date; (5) area planted and production during the crop year 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, normal rainfall, normal 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).

Table 5.1 - QUANTITY AND VALUE OF AGRICULTURAL PRODUCTION  
(Quantity in thousand metric tons;

Crop Year	All Crops				Food			
	Total		Food		Commercial		Palay (rough rice)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	6,011.0	1,497.9	4,275.8	1,014.9	1,735.2	483.0	2,606.1	768.6
1955	8,885.1	1,563.2	6,054.1	935.7	2,831.0	627.5	3,202.9	612.1
1960	10,411.4	2,046.1	7,315.1	1,167.9	3,096.3	878.2	3,739.5	711.9
1965	12,243.0	3,278.5	8,478.9	1,965.2	3,764.1	1,313.3	3,992.5	1,227.7
1970	15,486.8	8,154.0	10,670.0	4,750.3	4,816.8	3,403.7	5,233.4	2,073.7
1971	15,863.8	9,269.8	11,016.1	5,685.1	4,847.7	3,584.7	5,578.4	2,613.6
1972	15,657.5	10,525.7	10,865.7	6,933.1	4,791.8	3,592.6	5,324.9	3,369.3
1973	15,515.4	10,930.7	10,096.5	6,392.4	5,418.9	4,538.3	4,609.2	2,771.2
1974	17,926.7	18,031.2	12,288.0	10,557.0	5,638.7	7,474.2	5,840.7	5,180.1
1975	20,002.4	20,329.4	13,743.9	13,603.1	6,258.5	6,726.3	5,909.5	5,579.5
1976	23,551.5	20,433.8	15,661.9	14,504.7	7,889.6	5,929.1	6,431.0	6,200.0
1977	24,722.5	28,092.2	17,072.9	17,217.9	7,649.6	10,874.3	6,740.6	6,890.1
1978	26,340.4	27,065.2	18,615.5	18,373.1	7,724.9	8,692.1	7,198.8	7,093.5
1979	28,240.5	34,032.2	20,478.7	20,900.8	7,761.8	13,131.4	7,514.8	7,573.9
1980	29,809.1	37,992.1	21,837.1	23,568.4	7,972.0	14,423.7	7,835.8	8,376.6
1981	29,507.8	42,368.1	21,748.6	26,539.8	7,759.2	15,828.3	7,722.8	9,304.5
1982	29,709.3	41,355.2	22,258.7	28,254.3	7,450.6	13,100.9	8,121.7	10,924.1
1983	27,459.9	38,217.3	20,372.8	26,202.3	7,087.1	12,015.0	7,730.5	10,721.9
1984	27,332.9	63,698.2	20,858.6	38,278.6	6,474.2	25,419.7	7,840.9	15,311.8
1985	27,093.2	81,545.6	21,092.0	57,395.0	6,001.0	24,150.6	8,200.1	24,969.5
1986	28,529.8	77,862.3	22,921.4	63,710.4	5,608.4	14,151.8	9,097.1	27,983.1

<sup>1</sup> Includes atis, avocado, caimito, cashew, chico, guayabano, jackfruit, lanzones, papaya, pili and watermelon from 1950 to the present. Grapes were included starting 1975.

<sup>2</sup> Includes calamansi, mandarin, orange and pomelo.

<sup>3</sup> Includes camote, cassava, gabi pao (galiang), tugui and ubi.

<sup>4</sup> Vegetables include cabbage, eggplant, garlic, pechay, radish and tomatoes from 1950 to the present. Ginger was included starting 1970.

<sup>5</sup> Includes drybeans and mongo from 1950 to the present. Soybeans were included starting 1970.

<sup>6</sup> Includes other fruits and vegetables.

<sup>7</sup> Includes nuts used for making copra, dessicated coconut, home-made oil and as food nuts from 1950 to the present. Nuts used for commercial manufacturing were included starting 1970.

<sup>8</sup> Includes sugarcane used for centrifugal sugar, muscovado, panocha and molasses.

<sup>9</sup> Includes kapok from 1950 to the present. Starting 1975, castor beans and cotton (seeded) were added to this category.

Sources: National Economic and Development Authority (formerly NEC), The Raw Materials Resources Survey Bulletin, Series No. 1, June 1959; Agricultural Economics Division, DANR, Crop, Livestock and Natural Resources Statistics; Bureau of Agricultural Economics.

BY KIND OF CROP, PHILIPPINES: 1950 TO 1986  
 Value in million pesos)

Crops

Corn (shelled)		Banana		Mango		Pineapple		Other fruits <sup>1</sup> and nuts	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
573.7	89.4	161.4	37.8	27.4	11.7	56.5	8.5	80.6	17.2
770.1	106.0	294.8	21.3	50.4	17.7	103.2	14.6	147.0	25.1
1,165.3	149.7	307.3	24.1	57.6	13.9	133.9	19.5	176.6	31.4
1,312.7	272.8	684.8	44.1	129.4	27.6	176.1	25.3	223.2	41.3
2,008.2	525.9	896.0	656.9	151.7	142.9	233.4	109.5	288.4	212.5
2,011.8	723.4	1,034.8	811.8	137.5	127.0	234.3	121.4	256.6	198.5
2,024.2	1,048.1	980.1	781.2	143.4	132.3	282.1	146.6	337.2	287.5
1,842.8	831.4	1,012.6	814.7	187.6	180.0	293.4	166.4	309.8	284.6
2,257.5	1,504.6	1,235.5	1,038.1	191.5	297.8	338.3	285.7	326.8	427.0
2,513.9	2,100.9	1,686.0	1,542.6	239.3	254.9	424.4	504.1	337.4	569.2
2,717.3	2,394.6	2,270.6	817.0	293.1	592.0	419.9	521.5	347.1	553.4
2,774.8	2,605.3	2,447.4	1,043.9	307.6	684.7	421.8	558.1	470.9	749.5
2,796.1	2,671.4	3,155.0	1,510.4	335.2	678.5	464.6	707.0	506.4	825.5
3,090.3	2,851.1	3,581.8	1,749.0	363.3	1,056.5	604.6	736.1	607.7	1,055.5
3,122.8	3,024.1	3,977.1	2,154.9	377.2	1,208.5	1,280.7	721.8	524.4	701.4
3,109.7	3,501.7	4,072.9	2,160.8	366.6	1,577.9	1,292.7	1,032.8	518.3	818.8
3,290.2	3,985.7	4,077.5	2,376.9	426.3	1,786.4	1,242.1	1,114.7	578.1	913.7
3,125.9	3,949.3	3,885.8	2,197.4	372.6	1,494.4	1,682.9	1,456.5	333.7	581.1
3,346.2	5,166.8	3,818.9	3,421.4	378.0	2,633.3	1,718.9	1,781.8	316.4	669.9
3,438.8	9,542.6	3,697.8	4,255.0	384.3	3,109.4	1,448.6	2,182.1	300.2	902.9
3,922.0	9,842.1	3,820.2	4,855.3	296.3	2,994.8	1,601.9	3,423.9	311.9	1,000.9

Table 5.1 - QUANTITY AND VALUE OF AGRICULTURAL PRODUCTION  
 (Quantity in thousand metric tons;

Crop Year	Food							
	Citrus <sup>2</sup>		Rootcrops <sup>3</sup>		Vegetables including onions & potatoes <sup>4</sup>		Beans & peas <sup>5</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	19.8	5.2	664.3	47.0	52.5	11.7	15.4	7.4
1955	31.5	9.7	1,200.0	50.7	183.4	38.2	40.0	19.4
1960	43.3	10.5	1,411.6	84.3	185.2	45.6	42.3	23.3
1965	70.8	17.5	1,536.7	149.5	216.0	60.9	25.7	14.0
1970	70.7	41.0	1,316.3	404.5	310.2	245.8	23.0	37.8
1971	62.7	37.7	1,220.8	426.8	304.4	275.1	23.6	39.5
1972	65.5	41.0	1,217.7	446.7	305.6	302.7	23.6	41.0
1973	63.8	50.7	1,220.5	490.5	345.1	382.1	25.9	51.6
1974	61.6	87.6	1,410.8	560.9	400.0	588.7	23.2	67.0
1975	77.9	102.5	1,807.1	811.9	444.6	1,000.9	34.9	129.6
1976	120.2	242.8	2,143.5	892.4	463.6	873.1	41.1	152.7
1977	126.0	266.6	2,773.6	1,275.6	497.8	743.5	41.7	174.2
1978	122.7	263.8	3,004.4	1,060.2	524.3	853.9	41.1	162.7
1979	122.1	311.2	3,568.8	1,562.9	467.2	992.3	42.0	195.5
1980	130.5	408.7	3,469.7	1,896.5	505.3	1,247.4	47.3	226.2
1981	129.9	393.1	3,406.6	2,191.9	502.3	1,411.9	48.5	293.3
1982	132.6	459.7	3,173.5	2,152.7	516.2	1,506.3	50.3	253.9
1983	130.1	333.5	2,102.3	1,533.9	448.8	1,258.0	36.9	180.3
1984	124.2	450.2	2,286.5	2,433.9	476.8	2,095.1	38.0	322.0
1985	123.4	548.5	2,453.2	3,430.0	467.2	2,681.9	41.2	421.0
1986	132.2	619.4	2,668.5	3,915.9	487.3	2,888.5	37.7	406.8

BY KIND OF CROP, PHILIPPINES: 1950 TO 1986 (continued)  
 Value in million pesos

Crops

Coffee		Cacao		Peanuts (unshelled)		Other food crops <sup>6</sup>	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
4.0	4.8	0.7	1.5	12.3	4.1	1.1	n.a.
7.0	10.6	1.5	4.5	17.6	5.4	4.7	0.4
25.9	38.1	3.1	9.0	15.3	5.2	8.2	1.4
44.0	58.6	4.2	11.3	13.2	5.6	49.5	9.0
49.0	222.8	4.3	20.5	17.4	16.0	68.0	40.5
49.5	219.6	3.6	18.9	18.9	19.1	79.2	52.7
51.6	236.8	3.5	18.8	18.9	19.8	87.4	60.5
50.9	233.8	3.6	19.6	18.2	24.3	113.1	91.5
53.0	291.3	4.1	34.9	21.6	41.3	123.4	152.0
91.4	647.1	3.3	35.3	36.2	98.5	138.0	226.1
80.8	640.5	3.2	45.0	40.8	128.5	289.7	450.3
105.1	1,562.4	2.9	62.2	46.2	148.6	316.5	453.2
118.8	1,871.8	3.1	78.8	37.8	116.1	306.4	479.5
115.5	1,755.0	3.8	132.8	49.2	181.4	347.6	747.6
125.3	2,635.7	4.1	133.2	49.9	188.3	387.0	645.1
146.7	3,042.7	4.2	102.7	29.6	129.1	397.8	578.6
171.4	1,784.4	5.3	103.6	48.6	233.5	424.9	658.7
146.9	1,705.6	5.5	81.0	35.8	170.2	335.1	539.2
116.8	2,819.3	4.8	106.3	42.2	281.5	350.0	785.2
133.4	3,590.1	5.1	161.8	45.2	383.7	353.2	1,212.3
136.5	3,882.4	6.2	189.4	43.9	430.9	359.7	1,277.2

Table 5.1 - QUANTITY AND VALUE OF AGRICULTURAL PRODUCTION  
 (Quantity in thousand metric tons;

Crop year	Commercial							
	Coconut <sup>7</sup>		Sugar cane <sup>8</sup>		Abaca		Native tobacco	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	846.1	260.8	654.0	146.8	82.2	52.6	26.4	20.7
1955	1,142.9	241.4	1,546.6	321.4	104.5	35.2	20.0	7.5
1960	1,117.3	389.6	1,808.7	349.9	94.5	58.8	29.8	13.1
1965	1,533.6	672.3	2,034.8	506.3	134.0	78.6	28.6	15.8
1970	2,012.4	1,327.1	2,594.6	1,801.6	122.4	105.7	39.2	80.3
1971	1,679.1	1,261.7	2,980.2	2,079.3	104.6	90.9	35.8	66.3
1972	2,043.5	1,442.8	2,553.5	1,870.3	110.1	102.6	35.8	83.7
1973	2,014.2	1,700.4	3,190.8	2,499.0	119.2	118.5	43.7	107.6
1974	1,964.6	3,785.5	3,449.7	3,020.8	125.9	374.7	44.8	151.6
1975	2,723.1	2,895.5	3,287.7	2,988.4	133.6	514.1	34.9	145.8
1976	3,557.1	2,012.5	4,070.7	3,202.2	139.3	313.4	33.4	125.6
1977	3,844.9	4,044.4	3,541.1	6,176.4	150.6	306.2	27.9	105.6
1978	4,194.8	4,398.5	3,282.1	3,661.8	129.8	240.1	34.5	126.2
1979	4,295.5	8,524.9	3,198.9	3,762.5	148.3	297.0	28.1	189.3
1980	4,570.2	9,263.8	3,120.8	4,226.7	157.2	440.5	23.5	105.7
1981	4,312.1	6,332.1	3,193.0	8,558.8	128.3	366.1	21.2	128.6
1982	3,785.5	5,354.3	3,402.7	6,881.3	119.7	307.4	22.0	113.5
1983	3,381.6	3,793.9	3,435.6	7,219.0	89.3	284.3	15.7	166.8
1984	2,921.9	12,270.1	3,260.2	11,150.0	88.7	574.1	20.2	302.4
1985	2,964.8	12,628.7	2,747.6	9,278.0	83.7	679.8	13.0	264.8
1986	3,162.4	4,496.1	2,135.3	7,662.9	82.7	440.6	19.2	298.2

BY KIND OF CROP, PHILIPPINES: 1950 1986 (continued)  
Value in million pesos

crops

Virginia tobacco		Ramie		Rubber		Maguey		Other commercial crops <sup>9</sup>	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
...	...	...	...	1.3	1.1	1.8	0.6	3.4	0.4
10.1	17.5	1.7	1.1	2.0	2.4	0.2	0.1	3.0	0.9
34.2	60.3	2.2	1.1	3.1	3.5	2.1	0.5	4.4	1.4
17.2	29.2	5.5	3.2	5.9	6.7	2.5	0.5	2.0	0.7
22.0	48.7	3.1	7.1	19.0	27.9	2.4	3.2	1.7	2.1
20.0	44.6	3.1	7.2	20.9	29.2	2.4	3.2	1.6	2.3
20.5	52.0	3.1	6.8	21.7	29.4	2.5	3.3	1.1	1.7
21.1	67.5	3.2	7.5	23.1	32.6	2.5	3.5	1.1	1.7
18.6	84.1	2.8	7.7	28.6	44.4	2.7	3.7	1.0	1.7
22.2	96.4	1.4	2.8	45.7	74.0	1.8	1.2	8.1	8.1
25.5	130.1	0.4	1.0	57.3	137.6	2.6	2.6	3.3	4.1
22.5	83.2	0.4	1.1	58.2	153.0	2.7	1.9	1.3	2.5
22.2	137.2	1.4	3.2	54.4	109.8	3.3	2.8	2.4	12.5
23.2	151.0	1.4	3.2	58.8	190.1	3.9	4.4	3.7	9.0
18.5	108.3	0.2	0.7	67.7	240.0	4.4	5.0	9.5	33.0
17.9	146.5	0.5	1.8	72.0	251.2	3.6	5.1	10.6	38.1
24.8	203.9	0.7	3.1	78.6	182.5	3.6	6.9	13.0	48.0
29.1	240.9	0.6	3.1	122.9	269.9	3.4	6.5	8.9	30.6
46.1	517.0	0.5	4.8	123.1	547.1	3.3	7.9	10.1	45.8
34.0	448.9	0.7	9.3	146.2	786.2	3.3	9.5	7.7	45.4
36.8	464.3	8.1	243.0	154.0	499.1	3.4	10.1	6.4	37.4

Table 5.2 - AGRICULTURAL AREA HARVESTED AND MEAN YIELD,  
(Area in thousand hectares;

Crop year	Total area harvested	Food							
		Palay (rough rice)		Corn (shelled)		Banana		Mango	
		Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield
1950	5,076.2	2,214.0	1.177	909.0	0.631	97.7	1.652	32.9	0.833
1955	6,435.3	2,655.5	1.206	1,388.4	0.555	167.0	1.765	56.2	0.897
1960	7,596.0	3,306.5	1.131	1,845.5	0.631	161.5	1.903	52.5	1.097
1965	8,252.0	3,199.7	1.248	1,922.8	0.683	220.5	3.106	50.6	2.557
1970	8,946.6	3,113.4	1.681	2,419.6	0.830	235.2	3.810	45.5	3.334
1971	9,214.8	3,195.0	1.746	2,427.8	0.829	227.1	4.557	40.5	3.395
1972	9,490.4	3,332.3	1.598	2,454.3	0.825	243.8	4.020	40.8	3.515
1973	9,320.7	3,194.2	1.443	2,350.6	0.784	250.4	4.044	43.6	4.303
1974	10,171.4	3,527.8	1.656	2,726.4	0.828	211.8	5.833	43.5	4.402
1975	10,800.9	3,632.5	1.627	3,009.9	0.835	233.3	7.227	46.6	5.135
1976	11,569.0	3,674.0	1.750	3,193.2	0.851	297.7	7.627	35.8	8.187
1977	11,858.7	3,641.4	1.851	3,242.5	0.856	300.4	8.147	36.2	8.497
1978	11,895.0	3,601.7	1.999	3,158.1	0.885	284.4	11.096	35.4	9.469
1979	12,040.1	3,560.7	2.110	3,252.4	0.950	312.0	11.480	38.7	9.388
1980	12,133.0	3,636.8	2.155	3,201.1	0.976	317.6	12.522	39.2	9.622
1981	11,960.8	3,459.1	2.233	3,238.7	0.960	311.8	13.063	42.4	8.646
1982	12,216.0	3,442.8	2.359	3,360.7	0.979	331.4	12.304	41.3	10.322
1983	11,639.6	3,239.6	2.386	3,157.5	0.990	326.0	11.919	42.5	8.823
1984	11,738.4	3,140.7	2.497	3,270.2	1.023	317.6	12.024	42.8	8.811
1985	11,865.0	3,221.8	2.545	3,314.2	1.037	328.2	11.267	45.4	8.465
1986	12,237.2	3,402.6	2.673	3,544.7	1.106	330.1	11.574	48.7	6.079

<sup>1</sup>Includes atis, avocado, caimito, cashew, chico, guayabano, jackfruit, lanzones, papaya, pili and watermelon from 1950 to the present. Grapes were included starting 1975.

<sup>2</sup>Includes calamansi, mandarin, orange and pomelo.

<sup>3</sup>Includes camote, cassava, gabi pao (galiang), tugui and ubi.

<sup>4</sup>Vegetables include cabbage, eggplant, garlic, pechay, radish and tomatoes from 1950 to the present. Ginger was included starting 1970.

<sup>5</sup>Includes drybeans and monggo from 1950 to the present. Soybeans were included starting 1970.

<sup>6</sup>Includes other fruits and vegetables.

<sup>7</sup>Includes nuts used for making copra, dessicated coconut, home-made oil and as food from 1950 to the present. Nuts used for commercial manufacturing were included starting 1970.

<sup>8</sup>Includes sugarcane used for centrifugal sugar, muscovado, panocha and molasses.

<sup>9</sup>Includes kapok from 1950 to the present. Starting 1975, castor beans and cotton (seeded) were added to this category.

Sources: National Economic and Development Authority (formerly NEC), the Raw Materials Resources Survey Bulletin, Series No. 1, June 1959; Agricultural Economics Division, DANR, Crop, Livestock and Natural Resources Statistics; Bureau of Agricultural Economics.

BY KIND OF CROP, PHILIPPINES: 1950 to 1986  
 mean yield in metric tons per hectare)

crops									
Pineapple		Other fruits <sup>1</sup> and nuts		Citrus <sup>2</sup>		Rootcrops <sup>3</sup>		Vegetables including onions and potatoes <sup>4</sup>	
Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield
15.2	3.717	48.8	1.652	16.6	1.193	185.5	3.581	20.1	2.612
25.9	3.985	83.2	1.767	19.7	1.599	272.7	4.400	97.9	1.873
22.6	5.925	83.1	2.125	22.9	1.891	289.1	4.883	80.7	2.295
30.1	5.850	70.8	3.153	28.6	2.476	273.7	5.615	53.2	4.060
28.9	8.076	70.8	4.073	21.3	3.319	252.4	5.215	62.8	4.939
28.0	8.368	65.1	3.942	19.0	3.300	246.0	4.963	58.5	5.203
29.6	9.530	70.8	4.763	18.7	3.503	258.5	4.711	65.9	4.637
27.6	10.630	67.6	4.583	19.0	3.358	266.3	4.583	68.4	5.045
28.4	11.912	67.1	4.870	19.1	3.225	313.9	4.494	68.8	5.814
30.5	13.915	67.8	4.976	20.1	3.876	351.2	5.146	75.3	5.904
35.2	11.929	64.8	5.356	22.3	5.390	400.9	5.347	73.7	6.290
36.1	11.684	68.3	6.895	22.1	5.701	451.2	6.147	75.6	6.585
45.3	10.263	65.9	7.684	23.5	5.221	460.7	6.521	78.1	6.713
54.6	11.073	70.4	8.632	24.9	4.904	480.7	7.424	67.7	6.901
62.7	20.426	71.7	7.314	24.9	5.241	486.3	7.135	68.8	7.344
67.0	19.294	72.6	7.139	25.2	5.155	476.6	7.150	66.5	7.553
60.1	20.667	74.4	7.770	25.8	5.140	479.7	6.616	69.3	7.449
62.0	27.148	65.1	5.123	25.6	5.080	423.3	4.966	65.2	6.882
63.0	27.273	63.3	4.999	24.7	5.027	419.3	5.453	65.2	7.241
54.1	26.776	63.4	4.735	25.1	4.916	421.9	5.815	66.1	7.068
59.5	26.909	68.2	4.573	26.4	5.007	422.6	6.314	66.8	7.294

Table 5.2 - AGRICULTURAL AREA HARVESTED AND MEAN YIELD,  
(Area in thousand hectares;

Crop year	Food crops									
	Beans and peas <sup>5</sup>		Coffee		Cacao		Peanuts (unshelled)		Other food crops <sup>6</sup>	
	Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield
1950	34.0	0.453	9.8	0.408	4.0	0.175	21.0	0.586	0.5	2.200
1955	67.7	0.591	19.2	0.365	6.5	0.231	28.4	0.620	2.2	2.136
1960	78.2	0.541	30.5	0.849	6.6	0.470	24.3	0.630	4.0	2.050
1965	56.0	0.459	44.3	0.995	9.6	0.438	24.1	0.548	11.4	4.342
1970	50.0	0.460	54.0	0.907	8.4	0.512	32.5	0.535	11.7	5.812
1971	49.2	0.480	54.3	0.912	7.4	0.486	32.5	0.582	12.9	6.140
1972	44.6	0.529	54.8	0.942	6.9	0.507	32.8	0.576	15.9	5.497
1973	46.7	0.555	60.8	0.837	7.1	0.507	33.2	0.548	16.9	6.692
1974	44.9	0.517	64.9	0.817	6.9	0.594	36.7	0.589	18.1	6.818
1975	55.3	0.631	65.4	1.398	6.6	0.500	54.8	0.661	20.8	6.635
1976	62.8	0.654	76.8	1.052	4.0	0.800	60.6	0.673	83.8	3.457
1977	62.8	0.664	76.2	1.379	4.4	0.659	62.7	0.737	88.1	3.593
1978	63.1	0.651	84.5	1.406	4.2	0.738	47.9	0.789	85.1	3.600
1979	62.6	0.671	95.2	1.213	4.5	0.844	53.8	0.914	85.2	4.080
1980	66.5	0.711	101.8	1.231	4.7	0.872	55.1	0.906	84.9	4.558
1981	68.6	0.707	118.7	1.236	7.4	0.568	38.7	0.765	87.4	4.551
1982	69.4	0.725	135.7	1.263	10.9	0.486	56.5	0.860	88.3	4.812
1983	47.3	0.781	137.3	1.070	11.3	0.484	47.9	0.750	78.9	4.247
1984	48.6	0.782	140.2	0.833	11.6	0.414	46.0	0.917	77.3	4.527
1985	51.3	0.803	145.4	0.917	12.7	0.402	50.2	0.900	80.3	4.398
1986	49.6	0.760	147.8	0.923	15.3	0.405	49.9	0.879	81.7	4.402

BY KIND OF CROP, PHILIPPINES: 1950 to 1986 (continued)  
 mean yield in metric tons per hectare)

Commercial crops									
Coconut <sup>7</sup>		Sugar cane <sup>8</sup>		Abaca		Native tobacco		Virginia tobacco	
Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield
985.0	0.859	129.5	5.050	291.5	0.282	46.1	0.573	...	...
990.0	1.154	267.7	5.777	217.0	0.482	37.1	0.539	15.5	0.652
1059.4	1.055	242.2	7.468	175.2	0.539	44.1	0.676	51.7	0.662
1604.7	0.956	350.5	5.805	199.3	0.672	47.3	0.605	28.8	0.597
1883.9	1.068	366.1	7.087	173.0	0.708	54.0	0.726	33.4	0.659
2048.5	0.820	441.6	6.749	155.3	0.674	46.6	0.768	29.0	0.690
2125.5	0.961	441.0	5.790	145.2	0.758	45.7	0.783	31.9	0.643
2133.3	0.944	455.2	7.010	163.3	0.730	51.9	0.842	32.1	0.657
2206.0	0.891	490.7	7.030	170.1	0.740	58.6	0.765	28.5	0.653
2279.5	1.195	536.1	6.133	179.7	0.743	48.7	0.717	36.0	0.617
2521.2	1.411	572.6	7.109	243.8	0.571	51.9	0.644	34.4	0.741
2728.2	1.409	573.2	6.178	250.3	0.602	45.2	0.617	30.8	0.731
2956.9	1.419	521.6	6.292	243.8	0.532	43.3	0.797	30.5	0.728
3063.6	1.402	451.2	7.090	234.7	0.632	37.3	0.753	29.6	0.784
3125.9	1.462	424.6	7.350	235.9	0.666	36.7	0.640	24.4	0.758
3105.3	1.389	421.1	7.583	230.1	0.558	32.6	0.650	22.6	0.792
3162.3	1.197	470.8	7.227	206.8	0.579	33.2	0.663	23.9	1.038
3187.4	1.061	423.6	8.117	170.3	0.524	24.6	0.640	28.9	1.007
3216.1	0.908	479.4	6.801	170.3	0.521	26.0	0.776	40.7	1.131
3274.9	0.905	407.1	6.749	169.5	0.494	17.0	0.765	34.4	0.990
3261.5	0.969	355.9	5.999	161.5	0.512	22.4	0.857	34.4	1.069

Figure 5.1  
QUANTITY AND VALUE OF CROP PRODUCTION, PHILIPPINES:  
CROP YEARS 1981 to 1986

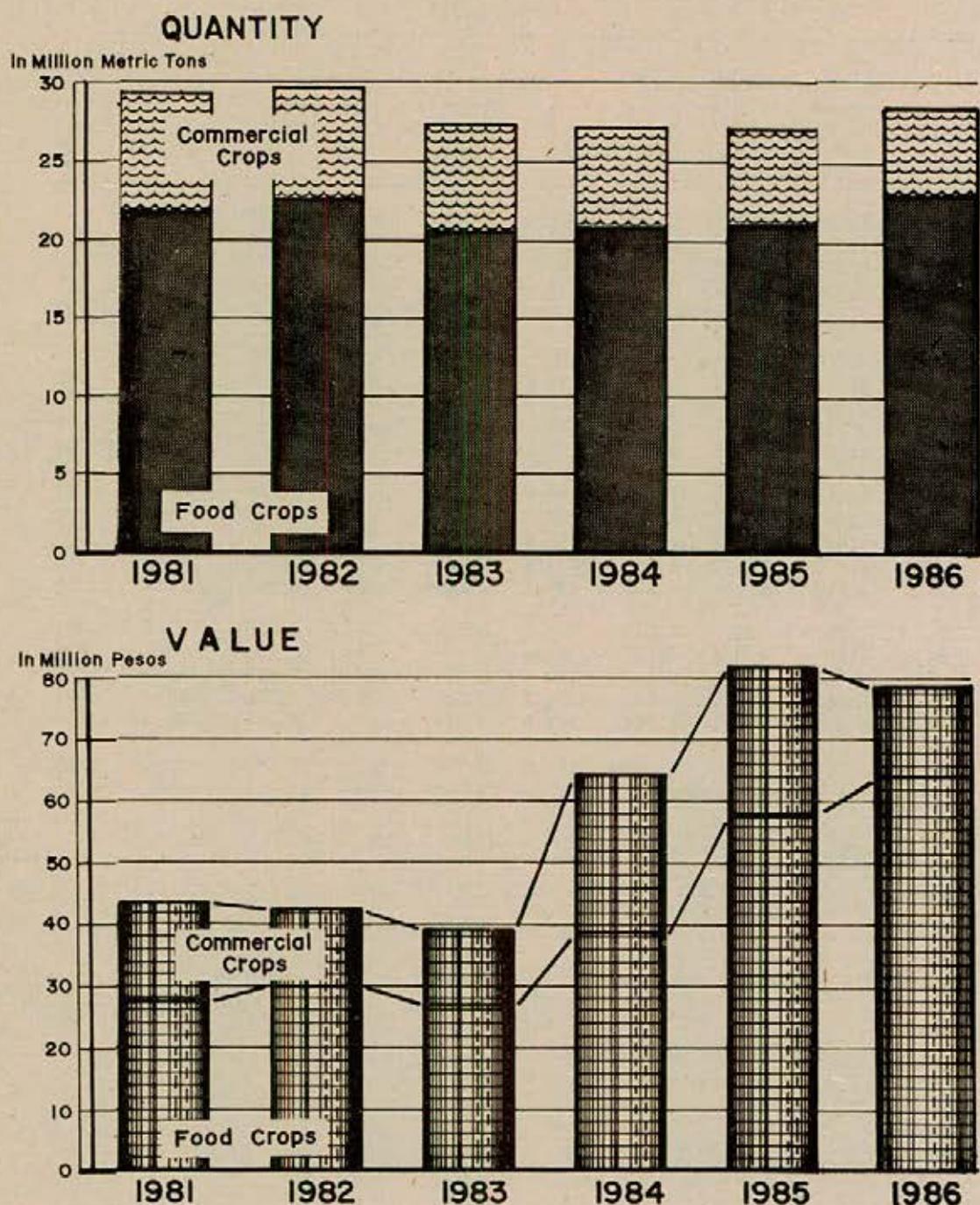


Table 5.2 - AGRICULTURAL AREA HARVESTED AND MEAN YIELD,  
BY KIND OF CROP, PHILIPPINES: 1950 to 1986 (continued)  
(Area in thousand hectares; mean yield in metric tons per hectare.)

Crop year	Commercial Crops							
	Ramie		Rubber		Maguey		Other commercial crops <sup>9</sup>	
	Area	Mean yield	Area	Mean yield	Area	Mean yield	Area	Mean yield
1950	...	...	3.4	0.382	7.0	0.257	4.6	26.826
1955	2.9	0.586	5.0	0.400	4.0	0.050	5.6	43.768
1960	1.7	1.294	5.2	0.596	2.9	0.724	5.6	0.786
1965	3.2	1.719	17.0	0.347	2.7	0.926	3.1	0.645
1970	2.4	1.292	21.8	0.872	2.8	0.857	2.7	0.630
1971	2.4	1.292	23.0	0.909	2.7	0.889	2.4	0.667
1972	2.4	1.292	24.7	0.879	2.6	0.962	1.7	0.647
1973	2.4	1.333	26.1	0.885	2.6	0.962	1.4	0.786
1974	2.2	1.273	33.2	0.861	2.6	1.038	1.2	0.833
1975	1.4	1.000	45.4	1.007	2.5	0.720	1.5	5.400
1976	0.2	2.000	55.1	1.040	2.7	0.963	1.5	2.200
1977	0.2	2.000	58.5	0.995	2.6	1.038	1.7	0.765
1978	0.3	4.667	53.7	1.013	3.5	0.943	3.5	0.686
1979	0.3	4.667	53.7	1.095	3.8	1.026	2.5	1.480
1980	0.3	0.667	54.1	1.251	3.3	1.333	5.7	1.667
1981	0.5	1.000	53.9	1.336	3.3	1.091	10.7	0.991
1982	0.7	1.000	56.9	1.381	3.3	1.091	11.8	1.102
1983	0.6	1.060	64.2	1.912	3.2	1.053	7.3	1.222
1984	0.6	0.886	64.4	1.912	3.2	1.053	7.2	1.403
1985	0.7	1.000	71.8	2.036	3.1	1.064	6.4	1.203
1986	3.4	2.382	75.3	2.045	3.2	1.062	5.5	1.163

Table 5.3A - AREA OF FARMS BY LAND USE, PHILIPPINES:  
1971 and 1980

Land use	1971		1980	
	Area (hectares)	Per cent	Area (hectares)	Per cent
Total	8,493,735	100.00	9,034,354	100.00
Arable land	3,891,982	45.82	4,487,679	49.56
Planted to permanent crops	2,532,166	29.80	3,313,054	36.67
Lying idle	752,272	8.86	-	-
Under permanent meadows and pastures	690,988	8.14	610,125	6.75
Covered with forest growth	433,707	5.11	623,496	7.02
All other lands	192,620	2.27		

Source: National Census and Statistics Office,  
1971 and 1980 Censuses of Agriculture.

Table 5.3b - AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE:  
1980

Region/ Province	Total Farm Area (Ha.)	Arable Land (Ha.)	Land Under Permanent Crops (Ha.)	Land Under Permanent Meadows and Pas- tures (Ha.)	All other Lands (Ha.)
Philippines	9,034,354.01	4,487,678.82	3,313,053.96	610,124.18	623,476.35
Metropolitan Manila Area (National Capital Region)	<u>71,186.94</u>	<u>38,463.51</u>	<u>21,186.65</u>	<u>6,539.09</u>	<u>4,997.69</u>
Region 1					
Abra	24,044.64	16,240.62	1,322.97	2,999.55	3,481.50
Benguet	42,634.39	25,566.14	1,594.57	7,901.18	7,572.50
Ilocos Norte	40,482.26	32,696.06	578.68	3,573.12	3,634.40
Ilocos Sur	43,419.97	33,873.91	791.02	4,515.12	4,239.92
La Union	41,086.73	28,320.63	2,675.20	6,874.02	3,216.88
Mt. Province	19,228.34	8,789.33	1,284.61	5,056.77	4,097.63
Pangasinan	162,705.33	141,290.19	5,369.77	7,190.28	8,855.09
Region 2					
Batanes	4,543.80	1,741.76	162.87	2,189.35	449.82
Cagayan	147,524.57	119,720.67	6,411.44	8,114.23	13,278.23
Ifugao	33,497.77	13,730.41	2,404.52	11,807.77	5,555.07
Isabela	222,344.24	184,088.78	7,104.80	15,793.00	15,357.66
Kalinga-Apayao	78,612.71	35,207.52	11,584.89	15,639.39	16,180.91
Nueva Vizcaya	56,787.35	34,802.28	5,196.30	13,310.72	3,478.05
Quirino	25,035.20	20,542.60	1,864.55	1,044.20	1,583.85
Region 3					
Bataan	20,697.84	12,787.19	5,812.85	1,581.20	516.60
Bulacan	66,692.30	59,258.82	2,890.59	3,315.97	1,226.92
Nueva Ecija	183,733.49	173,331.21	1,776.67	7,392.14	1,233.47
Pampanga	71,738.16	69,512.23	1,796.06	273.65	156.22
Tarlac	97,107.59	83,175.83	5,360.93	3,872.67	4,698.16
Zambales	28,583.32	20,503.24	2,713.14	3,582.01	1,784.93
Region 4					
Batangas	127,284.14	45,884.13	72,826.36	4,208.61	4,365.04
Cavite	47,842.52	21,272.24	25,555.51	56.25	958.52
Laguna	67,350.06	25,341.34	39,712.23	1,098.84	1,197.65
Marinduque	33,797.53	7,728.57	21,860.29	2,468.46	1,740.21
Occidental Mindoro	93,959.99	48,812.87	6,004.27	32,604.27	6,537.88
Oriental Mindoro	128,464.28	57,773.46	60,738.40	8,002.22	1,950.20
Palawan	203,376.44	60,445.61	61,241.30	11,017.60	70,671.93
Quezon	320,012.29	61,324.09	232,599.19	10,120.17	15,948.85
Rizal	27,958.43	14,176.06	10,499.19	1,377.61	1,905.57
Romblon	48,510.26	7,637.13	35,761.69	2,896.98	2,214.46
Aurora	27,584.59	12,951.50	12,103.19	2,358.79	171.11

Table 5.3b - AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE:  
1980 (continued)

Region/ Province	Total Farm Area (Ha.)	Arable Land (Ha.)	Land Under Permanent Crops (Ha.)	Land Under Permanent Meadows and Pas- tures (Ha.)	All other Lands (Ha.)
Region 5	<u>945,534.19</u>	<u>282,983.19</u>	<u>542,112.09</u>	<u>75,721.13</u>	<u>44,717.78</u>
Albay	145,099.01	46,712.95	89,865.67	2,975.52	5,544.87
Camarines Norte	106,468.74	14,556.47	84,200.68	2,982.10	4,729.49
Camarines Sur	260,889.62	100,387.37	140,533.34	14,761.01	5,207.90
Catanduanes	40,580.68	12,441.44	23,256.37	3,134.94	1,747.93
Masbate	259,200.97	84,974.32	101,555.54	49,298.83	23,372.28
Sorsogon	133,295.17	23,910.64	102,700.49	2,568.73	4,115.31
Region 6	<u>745,856.90</u>	<u>513,388.70</u>	<u>130,347.72</u>	<u>49,203.29</u>	<u>52,917.19</u>
Aklan	44,496.95	20,250.42	22,089.54	1,457.20	699.79
Antique	68,094.49	41,242.81	12,873.30	10,053.00	3,925.38
Capiz	86,885.17	55,171.93	18,090.00	8,025.45	5,597.79
Iloilo	246,238.14	175,610.18	36,094.80	18,748.16	15,785.00
Negros Occidental	300,142.15	221,113.36	41,200.08	10,919.48	26,909.23
Region 7	<u>529,711.54</u>	<u>296,825.60</u>	<u>159,559.61</u>	<u>31,229.09</u>	<u>42,097.24</u>
Bohol	138,331.74	75,486.39	54,009.85	5,238.30	3,597.20
Cebu	163,328.21	94,147.38	55,930.12	5,936.44	7,314.27
Negros Oriental	220,484.17	122,911.88	48,396.45	19,857.01	29,318.83
Siquijor	7,567.42	4,279.95	1,223.19	197.34	1,866.94
Region 8	<u>645,711.14</u>	<u>202,076.46</u>	<u>387,531.09</u>	<u>18,250.33</u>	<u>37,853.26</u>
Eastern Samar	78,351.87	18,193.50	49,500.86	1,813.54	8,843.97
Leyte	274,034.73	110,928.89	139,780.58	9,877.08	13,448.18
Northern Samar	129,228.97	26,422.93	94,870.84	2,394.69	5,540.51
Samar (Western Samar)	99,645.42	35,846.61	51,785.49	2,173.68	9,839.64
Southern Leyte	64,450.15	10,684.53	51,593.32	1,991.34	180.96
Region 9	<u>769,827.16</u>	<u>297,904.60</u>	<u>367,218.49</u>	<u>49,803.87</u>	<u>54,900.20</u>
Basilan	66,299.20	4,657.15	55,694.95	3,482.35	2,464.75
Tawi-Tawi	38,548.65	7,536.26	22,675.10	2,117.45	6,219.84
Zamboanga del Norte	225,871.70	90,952.00	86,951.49	12,962.64	35,005.57
Zamboanga del Sur	340,270.54	183,303.06	126,312.10	21,723.90	8,931.48
Sulu	98,837.07	11,456.13	75,584.85	9,517.53	2,278.56

Table 5.3b - AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE:  
1980 (continued)

279

Region/ Province	Total Farm Area (Ha.)	Arable Land (Ha.)	Land Under Permanent Crops (Ha.)	Land Under Permanent Meadows and Pas- tures (Ha.)	All other Lands (Ha.)
Region 10	<u>892,326.83</u>	<u>422,369.52</u>	<u>328,590.47</u>	<u>64,132.04</u>	<u>77,234.80</u>
Agusan del Norte	87,137.99	32,549.24	45,314.74	4,520.37	4,753.64
Agusan del Sur	126,135.45	72,169.08	16,951.62	932.70	36,082.05
Bukidnon	331,257.56	217,374.45	52,157.30	44,828.66	16,897.15
Camiguin	10,650.90	2,148.23	7,962.51	56.53	483.63
Misamis Occidental	86,239.36	17,075.52	61,043.97	3,487.46	4,632.41
Misamis Oriental	156,502.00	52,859.61	83,946.38	8,487.39	11,208.62
Surigao del Norte	94,403.57	28,193.39	61,213.95	1,818.93	3,177.30
Region 11	<u>1,086,214.03</u>	<u>440,414.53</u>	<u>528,357.64</u>	<u>63,497.73</u>	<u>53,944.12</u>
Davao del Norte	262,857.67	115,591.15	118,259.68	9,507.77	19,499.06
Davao Oriental	155,448.01	28,089.71	109,955.90	13,520.27	3,882.13
Davao del Sur	287,589.57	88,728.63	166,681.87	14,111.34	18,067.73
South Cotabato	248,761.01	162,886.34	60,005.73	22,330.25	3,538.69
Surigao del Sur	131,557.77	45,118.70	73,454.46	4,028.10	8,956.51
Region 12	<u>811,344.75</u>	<u>514,726.29</u>	<u>200,552.15</u>	<u>49,511.47</u>	<u>46,554.84</u>
Lanab del Norte	138,493.21	59,519.68	62,750.88	7,421.69	8,800.96
Lanao del Sur	145,914.88	91,295.81	37,152.77	4,396.11	13,070.19
Maguindanao	167,578.73	116,671.75	32,388.90	5,142.42	13,375.66
North Cotabato	244,293.58	164,691.48	50,744.90	19,416.72	9,440.48
Sultan Kudarat	115,064.35	82,547.57	17,514.70	13,134.53	1,867.55

Source: National Census and Statistics Office, 1980 Census of Agriculture.

Table 5.4 - NUMBER AND AREA OF FARMS BY TENURE

Tenure of Farm	All Farms	Under 0.50 Ha.	0.50 to 0.99 Ha.
Total number of Farms	<u>3,420,323</u>	<u>289,962</u>	<u>485,829</u>
Farms operated under one form of tenure	<u>2,967,667</u>	<u>256,067</u>	<u>412,325</u>
Owned or held in owner-like possession	1,993,293	161,246	238,017
Rented or leased from others	871,536	71,058	156,201
Rented free	65,376	14,454	14,653
Other single forms of tenure	37,462	9,309	3,454
Farms operated under more than one form of tenure	<u>452,655</u>	<u>33,894</u>	<u>73,504</u>
Owned and rented or leased from others	367,304	25,028	58,505
Other combination of the forms of tenure	85,351	8,866	14,999
Total farm area	<u>97,251</u>	<u>689</u>	<u>3,002</u>
Owned or held in owner-like possession	70,411	399	1,624
Rented or leased from others	24,116	249	1,254
Rented free	1,343	33	98
Other forms of tenure	1,381	8	26

Source: National Census and Statistics Office.

## OF FARM AND BY SIZE OF FARM, PHILIPPINES: 1980

## Size of Farm

1.00 to 1.99 Ha.	2.00 to 2.99 Ha.	3.00 to 4.99 Ha.	5.00 to 7.00 Ha.	7.01 to 9.99 Ha.	10.00 to 24.99 Ha.	25.00 Ha. and over
<u>964,220</u>	<u>613,824</u>	<u>588,151</u>	<u>283,585</u>	<u>76,421</u>	<u>103,723</u>	<u>14,608</u>
823,349	532,712	514,975	255,460	66,326	93,536	12,917
498,658	356,660	384,003	208,186	55,432	79,640	11,451
298,339	162,750	119,690	40,384	9,891	11,998	1,225
19,834	8,041	5,206	2,123	414	581	70
6,518	5,261	6,076	4,767	589	1,317	171
<u>140,871</u>	<u>81,112</u>	<u>73,176</u>	<u>28,125</u>	<u>10,095</u>	<u>10,187</u>	<u>1,691</u>
114,662	67,108	61,108	23,375	8,194	8,082	1,242
26,209	14,004	12,068	4,750	1,901	2,105	449
<u>11,899</u>	<u>13,323</u>	<u>20,667</u>	<u>16,121</u>	<u>6,309</u>	<u>14,063</u>	<u>11,178</u>
6,798	8,455	14,710	12,637	5,006	11,543	9,238
4,726	4,516	5,453	3,016	1,172	2,186	1,544
280	217	259	171	60	128	97
95	135	245	297	71	206	299

Table 5.5 - SIZE OF FARMS BY MAJOR CATEGORY, PHILIPPINES: 1971 AND 1980

Item	Number of farms (in thousands)		Area of farms (thousand hectares)	
	1971	1980	1971	1980
All farms	2,354.5	3,420.1	8,493.7	9,725.2
Palay	981.9	1,610.5	2,661.2	3,755.7
Corn	514.2	753.6	1,493.9	1,955.0
Coconut	432.5	709.6	2,152.8	2,842.9
Sugarcane	27.0	34.6	368.1	312.8
Abaca	12.5	16.0	64.3	60.1
Tobacco	3.9	5.3	7.3	8.1
Other crops	-	227.3	-	576.0
Livestock and Poultry <sup>1</sup>	38.3	52.2	415.6	181.6
Others, nec.	344.2	11.0	1,330.5	33.0

<sup>1</sup>Includes chicken, hog, and cattle.

Source: National Census and Statistics Office,  
1971 and 1980 Censuses of Agriculture.

Table 5.6 - AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTION :  
 1960 TO 1986  
 (In million pesos)

Year	Commercial banks	Development banks	Rural banks	Non-bank financial institutions
1960	438.7	77.4	50.8	1.9
1965	986.9	53.7	215.4	10.2
1970	1,928.0	64.9	496.6	50.4
1971	2,141.4	61.5	609.7	74.0
1972	2,093.9	100.0	708.6	63.0
1973	2,347.5	160.2	976.9	78.0
1974	5,135.9	255.7	1,669.5	110.4
1975	8,388.4	822.4	2,177.5	120.2
1976	7,876.8	892.9	1,658.7	47.5
1977	5,517.1	624.6	1,799.1	67.6
1978	...	617.2	2,384.8	100.8
1979	...	830.3	2,950.4	79.4
1980	2,454.1 <sup>a</sup>	833.5	3,257.3	78.6
1981	18,916.6	1,099.6	3,729.9	47.4
1982	20,846.6	1,047.4	4,306.8	45.6
1983	22,475.9	431.2	4,610.3	50.3
1984	23,690.3	426.4	3,361.8	26.3
1985	23,885.1	414.4	2,777.9	c
1986	18,868.3 <sup>b</sup>	936.5	2,948.2	c

<sup>a</sup>November and December 1980 only.

<sup>b</sup>As of Nov. 1986

<sup>c</sup>Series discontinued.

Source: Central Bank of the Philippines.

Table 5.7 - AGRICULTURAL LOANS OUTSTANDING BY FINANCIAL  
INSTITUTION : 1960 TO 1986  
(In million pesos)

End of period	Commercial banks	Development banks	Rural banks	Non-bank financial institutions
1960	408.3	153.7	42.5	78.5
1965	861.6	243.5	167.4	86.6
1970	1,472.9	413.7	407.8	104.8
1971	1,487.8	414.7	485.0	147.1
1972	1,504.0	645.7	573.0	148.3
1973	1,970.1	716.1	825.2	127.0
1974	2,378.6	877.0	1,334.0	145.2
1975	...	1,463.8	2,202.5	327.7
1976	...	2,071.6	2,357.2	329.2
1977	5,447.6	2,392.5	2,597.1	339.9
1978	5,770.3	2,556.2	3,114.6	382.0
1979	8,120.2	2,830.0	3,773.8	408.6
1980	12,009.7	3,211.6	4,241.2	434.0
1981	11,120.1	3,585.1	4,876.6	385.0
1982	12,690.9	4,337.3	5,770.6	169.4
1983	14,790.1	3,879.6	6,514.9	203.5
1984	9,478.0	3,638.5	6,039.7	251.9
1985	9,452.9	2,329.6	5,555.7	b
1986	9,944.2 <sup>a</sup>	2,506.7 <sup>a</sup>	5,471.7	b

<sup>a</sup> As of Sept. 1986.

<sup>b</sup> Series discontinued.

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

Source: Central Bank of the Philippines.

Table 5.8 - LAND TRANSFER AND LEASEHOLD OPERATIONS  
BY REGION AND PROVINCE:  
AS OF DECEMBER 31, 1986

Region/Province	Number of tenant recipients	Area involved (ha.)	Number of land transfer certificates issued/printed	Number of tenants involved	Area involved (ha.)	Number of leasehold contracts
Philippines	440,239	755,172	657,623	546,520	572,999	732,835
Region 1	<u>33,374</u>	<u>37,659</u>	<u>66,247</u>	<u>119,943</u>	<u>84,601</u>	<u>175,955</u>
Abra	172	129	433	5,006	2,313	10,011
Benguet	167	48	264	1,846	929	3,073
Ilocos Norte	2,646	1,594	12,731	15,804	5,132	28,303
Ilocos Sur	3,163	1,951	6,287	19,048	8,393	32,716
La Union	1,725	1,516	3,028	12,684	7,313	19,413
Mt. Province	24	32	29	3,422	623	4,024
Pangasinan	25,477	32,389	43,475	62,133	59,898	78,415
Region 2	<u>46,350</u>	<u>82,848</u>	<u>72,819</u>	<u>43,051</u>	<u>55,656</u>	<u>70,519</u>
Cagayan	14,729	25,308	23,587	23,841 <sup>1</sup>	30,310 <sup>1</sup>	41,519 <sup>1</sup>
Kalinga-Apayao	146	247	185			
Isabela	27,492	50,570	42,889	10,687	13,870	15,015
Ifugao	1,110	2,309	1,543	228	344	317
Nueva Vizcaya	1,998	2,962	3,341	8,295 <sup>2</sup>	11,132 <sup>2</sup>	13,668 <sup>2</sup>
Quirino	875	1,452	1,274			
Region 3	<u>117,255</u>	<u>252,299</u>	<u>175,173</u>	<u>72,804</u>	<u>112,636</u>	<u>93,704</u>
Bataan	1,693	2,649	2,167	4,089	6,289	5,441
Bulacan	10,693	21,079	14,566	15,042	24,909	16,782
Nueva Ecija	58,007	134,864	87,676	19,494	31,497	23,594
Pampanga	20,427	43,212	30,921	10,205	17,710	11,681
Tarlac	22,418	45,237	34,356	16,219	22,300	25,305
Zambales	4,017	5,258	5,487	7,755	9,931	10,901
Region 4	<u>25,923</u>	<u>40,099</u>	<u>35,623</u>	<u>58,203<sup>3</sup></u>	<u>68,284<sup>3</sup></u>	<u>77,463<sup>3</sup></u>
Aurora sub-province	257	321	304	-	-	-
Batangas	3,646	4,545	5,441	-	-	-
Cavite	2,002	4,030	2,634	-	-	-
Laguna	2,701	3,952	3,434	-	-	-
Marinduque	394	188	563	-	-	-
Occidental Mindoro	5,703	12,498	7,646	-	-	-
Oriental Mindoro	2,639	3,735	3,607	-	-	-

Table 5.8 - LAND TRANSFER AND LEASEHOLD OPERATIONS  
BY REGION AND PROVINCE:  
AS OF DECEMBER 31, 1986(Continued)

Region/Province	Number of tenant recipients	Area (ha.)	Number of land transfer certi- ficates issued/printed	Number of tenants involved	Area (ha.)	Number of lease- hold contracts
Palawan	503	1,096	821	-	-	-
Quezon	4,897	5,906	6,612	-	-	-
Rizal	1,862	2,725	2,860	-	-	-
Romblon	1,319	1,103	1,701	-	-	-
Region 5	<u>51,506</u>	<u>64,756</u>	<u>72,522</u>	<u>33,167</u>	<u>30,090</u>	<u>51,256</u>
Albay	11,817	12,070	16,678	7,734	6,658	11,911
Camarines Norte	1,854	2,419	3,018	1,534	1,666	2,756
Camarines Sur	25,282	33,173	36,278	12,554	13,390	21,155
Catanduanes	500	377	605	1,632	816	2,618
Masbate	5,630	11,301	7,935	2,617	2,768	3,345
Sorsogon	6,423	5,416	8,008	7,096	4,792	9,471
Region 6	<u>44,465</u>	<u>63,860</u>	<u>62,274</u>	<u>68,760</u>	<u>73,759</u>	<u>73,075</u>
Aklan	784	578	1,107	9,169	6,427	9,995
Antique	1,584	2,198	2,117	7,048	7,310	7,426
Capiz	9,495	11,919	13,899	10,309	10,123	10,692
Guimaras sub-province	1,201	1,600	1,810	1,571	1,563	1,897
Iloilo	21,145	31,904	27,727	34,283	40,892	37,055
Negros Occidental	10,256	15,661	15,614	6,380	7,444	6,010
Region 7	<u>24,828</u>	<u>25,575</u>	<u>39,794</u>	<u>39,725</u>	<u>18,980</u>	<u>50,570</u>
Bohol	6,018	5,008	10,868	-	-	-
Cebu	12,061	9,884	18,550	-	-	-
Negros Oriental	6,749	10,683	10,376	-	-	-
Region 8	<u>21,497</u>	<u>29,231</u>	<u>33,510</u>	<u>38,180</u>	<u>33,691</u>	<u>48,456</u>
Biliran sub-province	379	232	505	-	-	-
Leyte	15,980	21,608	26,502	-	-	-
Southern Leyte	712	360	969	-	-	-
Eastern Samar	429	748	485	-	-	-
Northern Samar	1,562	3,606	1,904	-	-	-
Western Samar	2,435	2,677	3,145	-	-	-

Table 5.8 - LAND TRANSFER AND LEASEHOLD OPERATIONS  
BY REGION AND PROVINCE:  
AS OF DECEMBER 31, 1986 (Continued)

Region/Province	Number of tenant recipients	Area involved (ha.)	Number of land transfer certificates issued/printed	Number of tenants involved	Area involved (ha.)	Number of leasehold contracts
Region 9	10,717	16,110	16,947	10,566	12,343	13,450
Basilan	52	75	52	75	156	76
Sulu	2	2	2	-	-	-
Zamboanga del Norte	3,949	4,796	6,500	2,270	1,990	2,666
Zamboanga del Sur	6,714	11,237	10,393	7,449	9,365	9,789
Zamboanga City				772	832	191
Region 10	21,400	40,836	30,617	20,680	24,885	29,308
Agusan del Norte	2,955	4,370	4,510	2,824	3,527	4,017
Agusan del Sur	2,321	4,287	3,338	1,901	2,976	2,751
Bukidnon	9,699	24,275	13,772	5,449	9,657	7,476
Camiguin	218	83	294	-	-	-
Misamis Occidental	2,153	2,114	2,896	4,677	2,595	6,533
Misamis Oriental	2,379	3,740	3,384	2,467	2,660	3,674
Surigao del Norte	1,675	1,967	2,423	3,362	3,470	4,857
Region 11	19,028	39,725	24,942	25,513	36,975	33,018
South Cotabato	10,987	26,359	14,222	10,654	18,964	13,198
Davao del Norte	2,765	4,921	3,615	5,399	6,661	6,911
Davao Oriental	636	1,177	890	1,123	1,211	1,199
Davao del Sur	3,195	4,558	4,262	4,296	4,939	5,708
Surigao del Sur	1,445	2,710	1,953	2,853	3,612	3,825
Davao City				1,188	1,332	1,890
Region 12	23,896	62,174	27,155	15,928	21,099	16,031
North Cotabato	6,651	14,223	-	9,222	9,858	9,265
Lanao del Norte	1,641	2,714	-	2,094	2,438	2,140
Lanao del Sur	687	2,661	-	154	320	154
Maguindano	10,169	31,653	-	1,046	1,951	1,046
Sultan Kudarat	4,748	10,923	-	3,412	6,532	3,426

<sup>1</sup> Covers the provinces of Cagayan and Kalinga-Apayao.

<sup>2</sup> Covers the provinces of Nueva Vizcaya and Quirino.

<sup>3</sup> Provincial breakdown not available.

Source: Department of Agrarian Reform.

Table 5.9 - PHILIPPINE RICE EXPORT DELIVERIES  
BY COUNTRY OF DESTINATION: 1980 TO 1987

Year	Country of destination	Deliveries (metric ton)	Value of deliveries (million U.S.\$)
1980		230,625.00	64.48
	Indonesia	97,175	27.89
	Malaysia	26,450.00	7.64
	Brazil	63,500.00	18.19
	Senegal/France	11,000.00	2.09
	Africa/Tradex-Switz	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		151.82	0.06
	Germany	60.00	0.02
	Australia	87.00	0.03
	U.S./FTI	4.82	0.00
1983		40,280.74	9.41
	Australia	76.00	0.03
	U.S./Manila Showcase	198.82	0.07
	Indonesia	24,192.00	5.64
	Israel	2,260.00	0.52
	Papua N.G./R.G. Aust.	709.50	0.22
	Noumea/R.G. Aust.	324.00	0.08
	Brazil	12,000.00	2.74
	U.S. ME/FTI	520.42	0.12
1984		738.11	0.23
	U.S./M.S	36.11	0.01
	Papua, New Guinea/R.G.	702.00	0.22
1985	No export		
1986	No export	a	
1987	Indonesia	105.00	ncv

<sup>a</sup>repayments; as of May  
ncv - no current value

Source: National Food Authority.

Table 5.10 - POPULATION OF LIVESTOCK AND POULTRY ON FARM,  
BY KIND: 1950 TO 1986  
(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	...	6,489	45,671	4,104
1977	2,897	1,723	1,104	5,696	45,289	4,228
1978	2,959	1,820	11,290	6,910	58,892	5,365
1979	2,803	1,833	...	7,445	49,320	5,338
1980	2,870	1,883	...	7,934	52,761	4,725
1981	2,850	1,940	1,696	7,758	57,724	4,783
1982	2,908	1,942	1,783	7,795	59,710	4,905
1983	2,946	1,938	1,859	7,980	62,255	5,419
1984	3,022	1,849	2,362	7,613	59,205	5,764
1985	2,980	1,785	2,191	7,158	52,098	5,294
1986	2,984	1,814	2,176	7,275	53,005	5,208

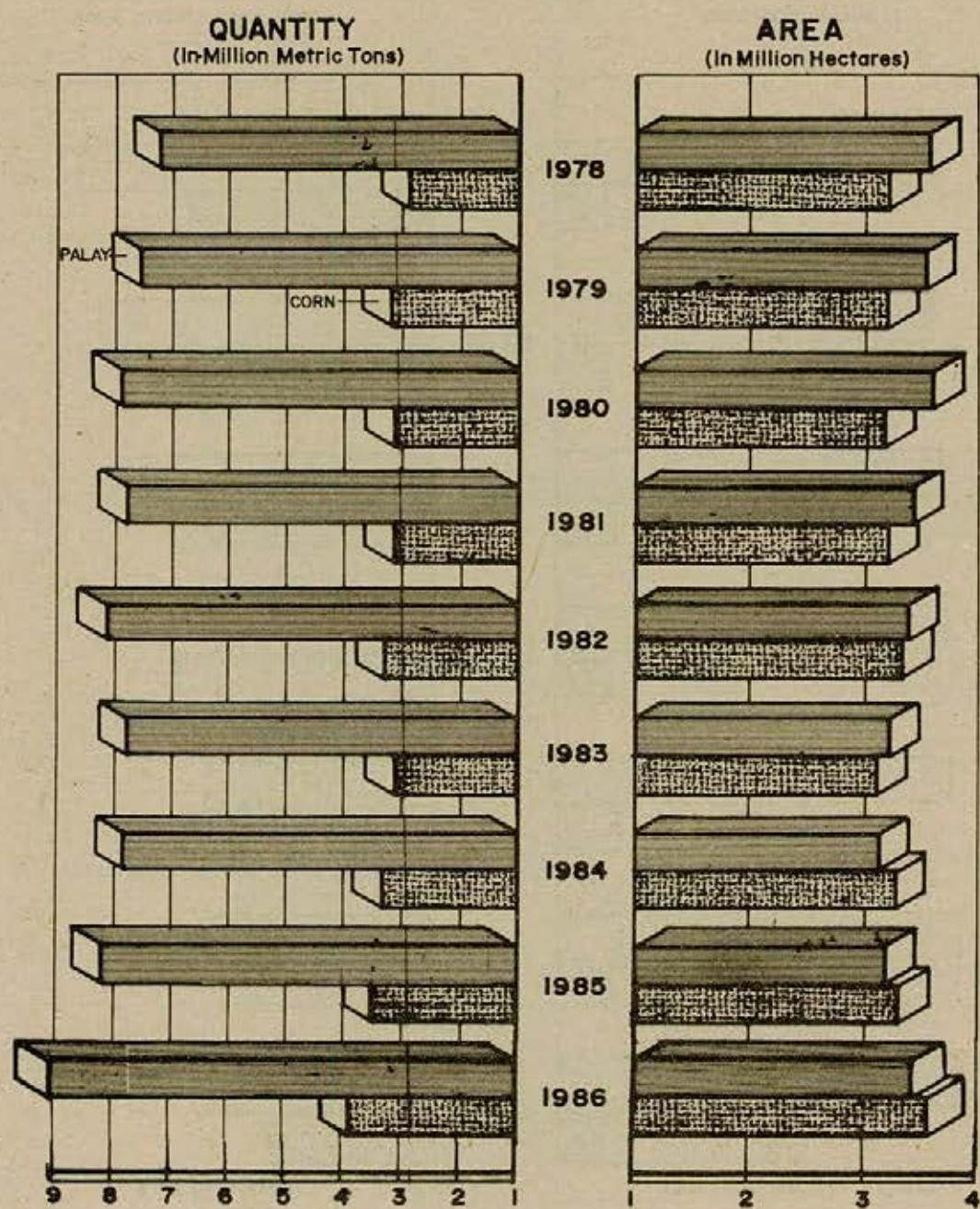
Source: Bureau of Agricultural Economics.

Table 5.11 - NUMBER OF ANIMALS SLAUGHTERED BY KIND:  
 1955 TO 1986  
 (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	3,251	5	52	19,488
1981	66	240	3,890	11	58	26,420
1982	88	308	3,713	8	54	32,522
1983	94	361	3,198	5	96	54,455
1984	129	280	4,258	2	82	47,779
1985	89	286	3,347	4	136	48,059
1986	144	393	4,098	-	125	46,644

Source: National Meat Inspection Commission.

Figure 5.2  
PALAY AND CORN PRODUCTION AND AREA  
HARVESTED: CROP YEARS 1978 to 1986



**Figure 5.3**  
**SUGARCANE AND COCONUT PRODUCTION**  
**AND AREA HARVESTED: CROP YEARS 1980 to 1986**

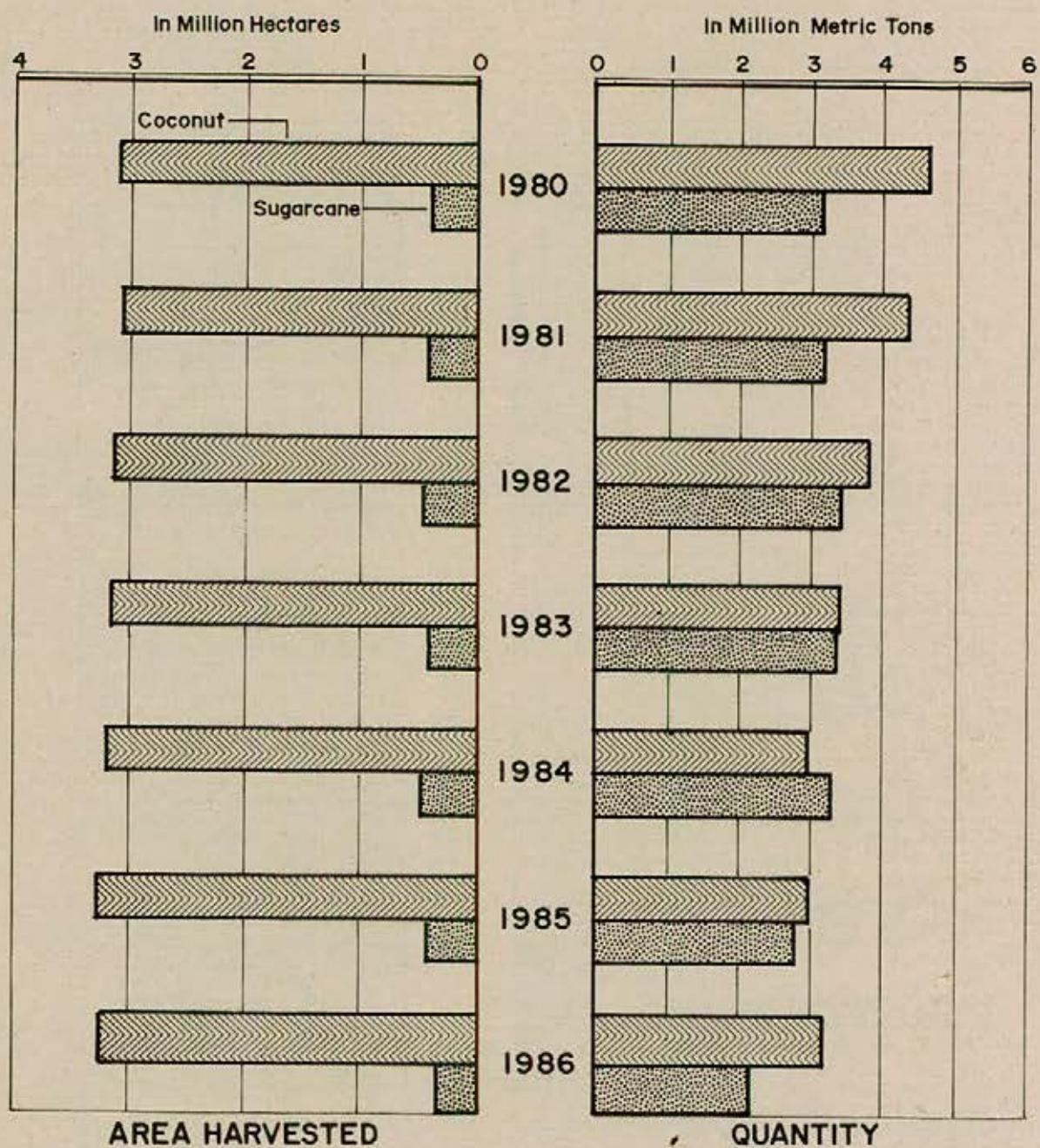


Table 5.12 - AVERAGE NORMAL MINIMUM AND MAXIMUM TEMPERATURE,  
BY MONTH AND BY PRINCIPAL ISLAND: 1986  
(In centigrade)

Month	Philippines		Luzon		Visayas		Mindanao	
	Min- imum	Maxi- mum	Min- imum	Maxi- mum	Min- imum	Maxi- mum	Min- imum	Maxi- mum
January	22.5	29.6	21.4	29.0	23.1	28.9	22.9	30.8
February	22.0	30.7	20.9	30.2	22.8	30.3	22.1	31.6
March	23.1	31.3	22.5	31.2	23.8	30.7	23.1	32.0
April	23.8	32.7	23.6	32.7	24.6	32.1	23.3	33.3
May	24.4	33.2	24.6	32.7	24.7	33.2	23.8	33.6
June	24.0	32.5	24.2	32.4	24.4	32.5	23.3	32.7
July	23.6	31.7	24.0	30.8	24.0	32.0	23.0	32.3
August	23.8	31.9	24.1	30.9	24.1	32.0	23.3	32.8
September	23.7	31.8	23.7	31.2	24.4	31.8	23.1	32.5
October	23.7	31.7	23.6	31.0	24.3	31.5	23.0	32.8
November	23.5	31.5	23.5	30.9	24.2	31.4	23.0	32.2
December	22.3	30.9	21.4	30.2	23.3	30.6	22.4	32.0

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

Table 5.13 - NORMAL RAINFALL AND NUMBER OF RAINY DAYS  
BY MONTH AND BY PRINCIPAL ISLAND: 1986  
(Rainfall in millimeters)

Month	Philippines		Luzon		Visayas		Mindanao	
	Rainfall of rainy days	Number of rainy days						
January	233.4	15	103.7	10	446.8	22	448.0	24
February	65.1	8	56.1	8	80.4	10	74.5	8
March	86.4	9	31.6	5	143.6	14	204.0	16
April	96.6	8	70.9	6	169.5	13	110.0	10
May	162.0	10	214.3	11	62.2	7	100.1	8
June	203.8	15	206.0	14	182.7	17	218.2	17
July	345.1	17	424.1	18	210.6	16	235.5	16
August	354.2	17	473.1	20	200.0	14	155.1	12
September	280.7	17	349.8	18	158.5	16	206.9	16
October	403.1	18	482.5	19	367.3	18	211.2	16
November	318.6	17	36.0	17	231.0	17	275.8	18
December	95.7	11	96.7	11	121.7	15	61.5	8

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

Table 5.14 - RAINFALL IN THE PHILIPPINES BY MONTH AND BY  
SELECTED KEY STATION; 1965 to 1986  
(In millimeters)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
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
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	1,059.6	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	1,067.0	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
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

Table 5.14 - RAINFALL IN THE PHILIPPINES BY MONTH AND BY  
SELECTED KEY STATION: 1965 TO 1986 (continued)  
(In millimeters)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	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
MANILA												
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
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

Table 5.14 - RAINFALL IN THE PHILIPPINES BY MONTH AND BY  
SELECTED KEY STATION: 1965 TO 1986 (continued)  
(In millimeters)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	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	1,069.5	41.3	1,015.4	134.9	367.4	23.8	2.2
1986	16.5	0.1	0.0	0.0	540.6	88.0	349.3	1,146.1	514.7	57.7	59.7	T
LEGAZPI												
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	134.4	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

Note: Cebu Station was closed Oct. 1983.

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

M-Missing data.

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

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

Table 5.15 - MONTHLY AND ANNUAL FREQUENCIES OF TROPICAL CYCLONES  
IN THE PHILIPPINE AREA OF RESPONSIBILITY:  
1950 TO 1986

Year	Annual Total	Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1950	13	0	0	0	0	0	2	2	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	3	2	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	3	3	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	21	0	0	2	0	1	0	5	4	4	3	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	7	2	4	3	1
1985	17	1	0	0	0	1	2	2	3	3	4	0	1
1986	21	0	1	0	1	1	2	3	2	1	4	3	3

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 5.16 - NUMBER AND MEMBERSHIP OF ORGANIZED AND

Region	Number							Organ-
	As of Dec. 31, 1979	As of Dec. 31, 1980	As of Dec. 31, 1981	As of Dec. 31, 1983	As of Dec. 31, 1984	As of Dec. 31, 1985	As of Dec. 31, 1986	
Philippines	21,284	21,409	18,614	19,641	19,716	20,423	20,423	
Region 1	2,323	2,323	2,193	2,278	2,275	2,359	2,359	
Region 2	1,036	1,071	1,018	1,057	1,057	1,102	1,102	
Region 3	2,028	2,028	1,975	2,086	2,086	2,298	2,298	
Region 4	2,381	2,401	2,235	2,337	2,355	2,448	2,448	
Region 5	1,578	1,597	1,597	1,611	1,611	1,664	1,664	
Region 6	2,704	2,707	2,053	2,123	2,123	2,189	2,189	
Region 7	1,909	1,911	1,769	1,819	1,824	1,873	1,873	
Region 8	2,120	2,120	2,120	2,266	2,302	2,337	2,337	
Region 9	785	789	764	1,120	1,124	1,124	1,124	
Region 10	1,954	1,971	463	501	524	548	548	
Region 11	1,310	1,333	1,269	1,284	1,284	1,330	1,330	
Region 12	1,156	1,158	1,158	1,159	1,151	1,151	1,151	

Region	Number							Regis-
	As of Dec. 31, 1979	As of Dec. 31, 1980	As of Dec. 31, 1981	As of Dec. 31, 1983	As of Dec. 31, 1984	As of Dec. 31, 1985	As of Dec. 31, 1986	
Philippines	18,263	18,343	15,170	16,333	16,408	17,115	17,115	
Region 1	2,089	2,096	1,963	1,902	1,902	1,986	1,986	
Region 2	917	921	900	852	852	897	897	
Region 3	1,915	1,915	1,924	1,657	1,657	1,869	1,869	
Region 4	1,883	1,904	1,878	1,690	1,690	1,783	1,783	
Region 5	1,241	1,257	1,226	1,103	1,110	1,163	1,163	
Region 6	2,269	2,271	1,801	1,636	1,636	1,702	1,702	
Region 7	1,390	1,393	1,385	1,297	1,302	1,351	1,351	
Region 8	1,825	1,828	1,090	1,671	1,707	1,742	1,742	
Region 9	612	619	643	886	890	890	890	
Region 10	1,727	1,739	127	1,646	1,669	1,693	1,693	
Region 11	1,300	1,300	1,102	1,023	1,023	1,069	1,069	
Region 12	1,095	1,100	1,131	970	970	970	970	

Note: There was no report made for 1982 due to incomplete transfer of files from the Department of Local Government to the Department of Agriculture and Food.  
 Source: Bureau of Cooperatives Development.

## REGISTERED SAMAHANG NAYON BY REGION: 1979 TO 1986

ized

Membership						
As of Dec. 31, 1979	As of Dec. 31, 1980	As of Dec. 31, 1981	As of Dec. 31, 1983	As of Dec. 31, 1984	As of Dec. 31, 1985	As of Dec. 31, 1986
1,030,660	1,034,122	888,480	920,412	922,758	954,042	954,042
102,441	102,990	99,543	103,187	103,187	106,436	106,436
56,697	56,795	56,840	58,498	58,498	60,650	60,650
131,762	131,780	122,143	127,439	127,439	138,696	138,696
96,627	97,182	94,256	98,616	98,616	101,033	101,033
72,538	73,478	73,067	73,542	73,727	76,497	76,497
108,425	108,485	86,698	89,741	89,741	92,453	92,453
91,875	91,964	85,406	87,657	87,695	89,513	89,513
76,520	76,534	76,534	80,007	80,806	82,087	82,087
41,659	41,659	38,964	44,723	44,750	44,750	44,750
117,504	118,418	23,270	24,701	25,998	27,003	27,003
78,096	78,231	75,153	75,678	75,678	78,301	78,301
56,516	56,606	56,606	56,623	56,623	56,623	56,623

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Membership						
As of Dec. 31, 1979	As of Dec. 31, 1980	As of Dec. 31, 1981	As of Dec. 31, 1983	As of Dec. 31, 1984	As of Dec. 31, 1985	As of Dec. 31, 1986
936,798	940,594	758,149	693,399	695,745	727,029	727,029
98,033	98,572	93,251	92,657	92,657	95,906	95,906
53,111	53,243	52,602	41,103	41,103	43,255	43,255
127,355	127,433	117,631	89,850	89,850	101,107	101,107
86,587	86,996	84,207	59,463	59,463	61,880	61,880
60,611	61,410	60,903	46,990	47,175	49,945	49,945
101,413	101,534	78,460	64,153	64,153	66,865	66,865
69,557	69,650	65,687	52,280	52,318	54,136	54,136
69,684	69,684	39,443	55,752	56,551	57,832	57,832
31,511	31,677	32,793	26,785	26,812	26,812	26,812
108,237	109,593	4,803	75,580	76,877	77,882	77,882
76,019	76,019	70,714	52,654	52,654	55,277	55,277
54,680	54,783	57,655	36,132	36,132	36,132	36,132

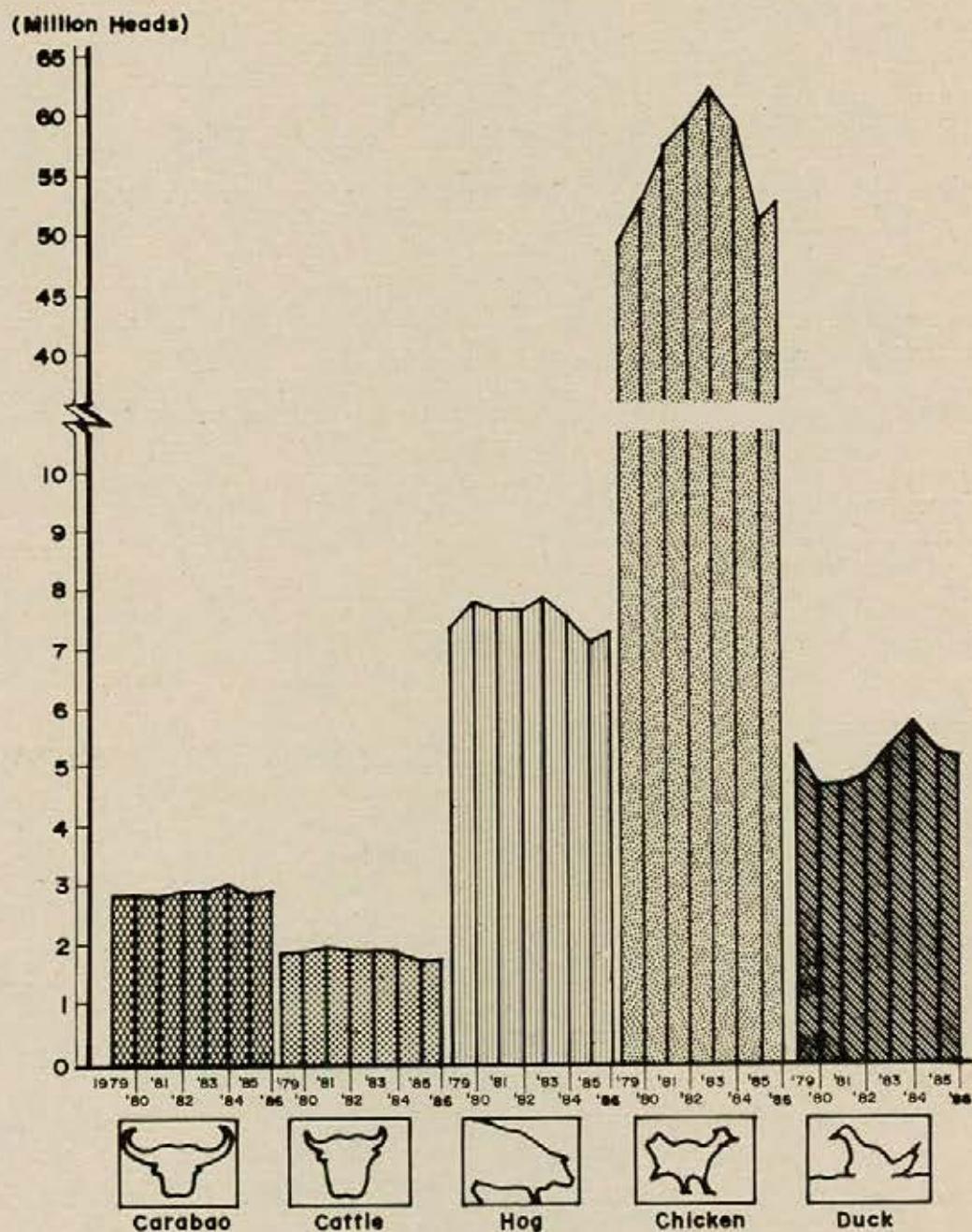
Table 5.17 - NUMBER OF REGISTERED COOPERATIVES BY REGION AND BY TYPE:  
AS OF DECEMBER 31, 1986

Region	Total	Multi-Purpose	Cooperative Rural Bank	Area Marketing Cooperative	Credit
Philippines	3,489	85	31	84	1,602
BCOD	1,754	49	31	84	899
Region 1	193	2	-	-	77
Region 2	204	1	-	-	56
Region 3	123	-	-	-	41
Region 4	531	7	-	-	292
Region 5	102	3	-	-	34
Region 6	101	-	-	-	38
Region 7	102	1	-	-	52
Region 8	64	1	-	-	30
Region 9	81	5	-	-	22
Region 10	99	3	-	-	23
Region 11	74	9	-	-	28
Region 12	61	4	-	-	10

Region	Consumer Marketing	Producer	Service	Federation	Union
Philippines	863	296	221	203	56
BCOD	375	131	33	72	32
Region 1	68	21	3	19	3
Region 2	43	21	76	1	6
Region 3	33	25	16	8	-
Region 4	126	23	30	53	-
Region 5	31	8	5	19	2
Region 6	46	9	3	4	1
Region 7	37	7	3	1	1
Region 8	9	15	4	5	-
Region 9	25	13	9	6	1
Region 10	35	11	10	11	6
Region 11	20	4	7	2	4
Region 12	15	8	22	2	-

Source: Bureau of Cooperatives Development.

Figure 5.4  
POPULATION OF LIVESTOCK AND POULTRY ON FARM  
BY KIND: 1979 to 1986



## CHAPTER 6

### ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTORS

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## CHAPTER 6

### ESTABLISHMENT CHARACTERISTICS; INDUSTRIAL SECTORS

Data on the industrial sectors 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 the one hand, and overall economic and social development, on the other. It is the industrial sectors (particularly manufacturing) that should ideally lead the country in its thrust toward a more accelerated pace of development. By giving more emphasis on the development of its indigenous industries rather than concentrating on traditional agriculture, a country could broaden the base of its development, generate more employment opportunities for the populace, and expand aggregate production. Industrialization, therefore, would enable a country to progress at a faster pace.

Presented in this chapter are the vital statistical data on the industrial sectors of the Philippine economy covering the major portion of the postwar period. The major statistical tables presented are: general statistics for manufacturing; general statistics for manufacturing establishments with five or more workers by industry; mining production; number, floor area and value of private building construction in the Philippines by type of building and by year; expenditures on government construction; electricity generation of the Manila Electric Company (MERALCO) and the National Power Corporation (NPC), and amount of foreign investments and capital of projects approved by the Board of Investments (BOI).

Data on manufacturing were culled from the National Census and Statistics Office's (NCSO) Annual Survey of Manufacturers (ASM). Conducted annually by the NCSO since its inception in 1956, this study 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. Included in the survey are firms with five or more workers while data on mining production come from the Bureau of Mines and Geo-Sciences. Data on construction are also supplied by the NCSO.

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 NCSO, the Bureau of Domestic Trade and the Securities and Exchange Commission.

The data published cover the following: (1) number of establishments by major industry division and by region; (2) initial capital investments of newly registered business organizations; (3) initial capital investments of newly registered business organizations by nationality and kind of business; and (4) capital increases and withdrawals of corporations and partnerships in the Philippines. Taken as a whole, these data show interesting insights on how the business sector fares in the overall development scheme of the country.

Table 6.1 - GENERAL STATISTICS  
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	8,108,110
1981	85,257	1,097,868	982,056	9,691,407
1982	83,292	1,088,254	977,594	10,925,080
1983 <sup>P</sup>	5,733	700,895	694,879	10,406,945
1984	5,435	645,516	639,607	12,599,655

Notes: Data from 1956 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 1984 are for establishments with 10 or more workers.  
1961, 1967, 1972, 1975 and 1978 are census years.

Source: National Census and Statistics Office.

FOR MANUFACTURING ESTABLISHMENTS  
1956 to 1984

Value of shipments (P1,000)	Cost of materials used, contract work and cost of resale (P1,000)	Capital expenditure 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
111,087,801	74,585,656	6,444,659	119,717,540	45,131,884
112,767,402	87,819,857	7,559,987	125,058,285	37,238,428
128,166,249	101,603,819	7,757,437	140,330,850	38,727,031
148,232,208	111,334,033	7,018,468	158,775,031	47,440,995
153,244,411	108,479,996	7,432,887	163,957,498	55,477,503
204,889,735	164,047,167	7,887,077	220,118,798	68,766,417

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

Code	Major group	Employment				Total compensation	Total receipts
		No. of establish- ments	Total	No. of paid employees	(ave. for the year)		
	All manufacturing estab- lishments	5,435	645,516	639,607	13,298,132	214,560,151	
311							
/312	Food	1,427	121,244	118,759	2,465,918	52,227,030	
313	Beverages	89	27,212	27,201	760,313	14,194,273	
314	Tobacco	26	16,948	16,936	346,520	10,469,302	
321	Textile	300	65,702	65,513	966,743	9,982,659	
322	Wearing apparel except footwear	406	88,137	87,545	1,407,330	4,537,229	
323	Leather and leather products, leather substitutes & furs, except footwear and wearing apparel	53	2,750	2,695	34,917	206,561	
324	Footwear, except rubber, plastic or wood furniture	135	7,384	7,106	85,109	415,387	
331	Wood, wood and cork products, except furniture	299	49,065	48,784	782,452	5,511,795	
332	Furniture and fixtures, except primarily of metal (including repairs)	289	19,585	19,147	236,447	1,114,311	
341	Paper and paper products	95	12,011	11,989	292,399	5,939,545	
342	Printing, publishing and allied industries	350	13,267	12,978	279,280	2,078,341	
351	Industrial chemicals	85	8,670	8,650	284,090	6,603,396	
352	Other chemical products	196	22,770	22,716	992,882	13,261,604	
353	Petroleum refineries	4	1,806	1,806	146,080	38,309,174	
354	Miscellaneous products of petroleum and coal	7	340	340	6,915	206,371	
355	Rubber products	102	17,380	17,341	354,652	2,744,222	

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

Source: National Census and Statistics Office.

MANUFACTURING ESTABLISHMENTS,  
GROUP: 1984<sup>F</sup>  
(in thousand pesos)

Total shipments	Total costs	Census value added	Total book value of fixed assets as of January 1	Capital expenditures during the year	
				Gross add'ns to fixed assets	New fixed assets
204,889,735	164,047,167	68,766,417	33,571,676	7,645,600	6,074,424
50,503,587	42,783,617	13,332,102	5,177,810	3,480,606	2,744,799
14,177,120	6,307,846	8,756,700	1,021,306	1,009,907	981,867
10,457,375	9,652,501	2,156,531	1,385,808	158,088	186,875
9,550,555	6,801,122	4,203,385	3,119,872	215,711	177,270
3,254,340	2,783,985	2,227,755	859,197	124,904	103,416
199,614	131,794	92,093	79,692	4,764	3,413
406,981	286,127	168,557	115,796	26,517	13,468
5,244,323	3,654,515	2,245,198	1,087,946	413,273	247,817
1,028,474	695,647	553,290	147,729	39,718	22,251
5,723,281	4,708,878	1,881,133	809,155	258,986	232,434
1,353,452	1,403,095	811,499	245,279	46,594	25,820
6,186,310	5,067,863	2,297,155	1,142,906	227,334	86,402
11,984,108	9,931,368	5,396,899	2,331,019	377,484	337,082
38,173,794	34,757,604	5,511,416	4,740,768	211,137	201,599
200,403	172,332	43,084	19,034	858	275
2,649,816	1,915,422	1,258,962	650,888	92,554	70,142

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

Code	Major group	No. of establish- ments	Employment (ave. for the year)			Total compen- sation	Total receipts
			Total	No. of paid employees			
356	Plastic products, n.e.c.	144	10,377	10,341		197,632	2,627,827
361	Pottery, china and earthenware	18	3,139	3,120		59,081	369,033
362	Glass and glass products	24	5,381	5,378		243,417	1,854,732
363	Cement	17	6,846	6,846		189,350	2,938,416
369	Other non-metallic mineral products	174	10,308	10,034		184,232	1,389,262
371	Iron and steel basic industries	97	15,719	15,690		417,244	10,708,775
372	Non-ferrous metal basic industries	41	4,132	4,117		94,821	5,645,762
381	Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal	282	18,909	18,731		338,844	4,381,259
382	Machinery except electrical	307	13,043	12,790		246,523	1,388,666
383	Electrical machinery, apparatus, appliances and supplies	139	50,481	50,450		1,266,622	11,180,718
384	Transport equipment	162	13,943	13,850		328,849	3,067,081
385	Professional and scienti- fic and measuring and controlling equipment, n.e.c. and photographic and optical instrument	9	3,732	3,732		49,898	235,012
386	Furniture and fixtures primarily of metal (including repairs)	24	613	593		7,841	45,223
390	Other industries	134	14,615	14,429		231,732	927,086

Source: National Census and Statistics Office.

MANUFACTURING ESTABLISHMENTS,  
GROUP: 1984 P(continued)  
in thousand pesos)

Total shipments	Total costs	Census value added	Total book value of fixed assets as of January 1	Capital expenditures during the year	
				Gross add'ns to fixed assets	New fixed assets
2,472,273	2,001,167	945,997	587,291	206,802	78,266
364,461	233,193	225,185	86,740	15,982	9,073
1,793,671	1,323,985	788,127	364,999	90,182	61,370
2,933,679	2,332,625	841,992	440,927	626,507	385,522
1,252,454	995,699	762,572	328,362	56,600	34,598
10,564,579	7,092,087	4,620,564	1,812,997	618,595	526,573
5,558,191	4,940,830	834,525	2,040,124	50,064	6,308
3,999,077	3,363,489	1,580,143	759,576	149,609	79,111
1,123,082	808,166	716,723	343,548	43,645	31,900
10,379,150	7,101,505	4,894,456	2,271,973	1,076,199	1,008,443
2,355,257	2,166,074	964,486	1,338,607	55,203	27,862
68,161	121,201	147,889	27,685	5,765	2,309
39,094	28,293	15,670	20,754	4,483	1,820
893,273	487,138	492,326	213,889	49,029	37,921

Table 6.3 - SELECTED CHARACTERISTICS OF MANUFACTURING  
(Value and expenditures)

Year	No. of establish- ments	Total employ- ment	Value of shipments	Expenditures on new fixed assets	No. of establish- ments
Footwear and wearing apparel					
1971	2,589	37,294	210,943	9,861	551
1973	3,558	40,669	217,799	10,183	796
1974	3,879	42,219	297,711	9,327	812
1976	29,479	136,274	932,445	38,361	2,707
1977	29,786	131,844	501,536	39,237	2,325
1979	29,582	167,164	12,742,573	301,401	2,445
1980	29,543	162,879	2,488,193	128,594	2,432
1981	19,559	167,309	4,494,290	327,986	2,438
1982	28,227	160,054	3,763,510	94,717	2,369
1983	574	84,064	3,470,864	101,542	347
1984 <sup>P</sup>	541	95,521	3,661,321	116,884	299
Basic metals					
1971	88	11,689	851,371	56,873	474
1973	121	15,853	1,703,783	49,434	633
1974	97	16,560	2,021,711	145,935	646
1976	143	15,638	2,478,326	59,458	3,411
1977	146	14,992	2,528,643	131,773	3,218
1979	311	22,151	3,853,554	130,244	4,732
1980	315	22,687	4,682,767	226,395	4,744
1981	319	21,993	4,685,575	149,669	4,743
1982	321	22,383	4,347,440	114,605	4,675
1983 <sup>P</sup>	152	21,007	10,461,703	231,841	291
1984	138	19,851	16,122,770	532,881	282
Electrical machinery					
1971	232	14,906	524,769	39,477	549
1973	161	17,270	740,103	28,447	193
1974	150	19,296	1,091,119	39,780	210
1976	211	26,328	1,313,773	75,705	740
1977	229	38,937	1,861,786	134,441	753
1979	279	48,831	3,403,044	301,752	882
1980	293	49,405	4,372,470	337,783	891
1981	296	60,286	4,199,220	308,948	890
1982	295	55,141	6,290,112	374,781	792
1983 <sup>P</sup>	152	52,960	8,201,664	531,904	178
1984 <sup>P</sup>	139	50,481	10,379,150	1,008,443	162

Notes: Data from 1971 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 1984 are for establishments with 10 or more workers.

1972, 1975 and 1978 are census years.

Source: National Census and Statistics Office.

ESTABLISHMENTS BY INDUSTRY: 1971 to 1984  
 in thousand pesos)

Total employment	Value of shipments	Expenditures on new fixed assets	No. of establishments	Total employment	Value of shipments	Expenditures on new fixed assets
<b>Wood, wood and cork products</b>						
41,798	682,717	67,726	416	21,141	644,687	85,937
47,758	1,144,682	78,305	548	27,453	1,035,267	74,481
42,686	1,116,670	107,446	531	25,502	1,500,460	357,493
83,763	1,772,382	139,583	1,352	15,941	1,613,306	232,106
73,667	1,905,526	82,561	1,345	29,697	1,687,435	99,716
71,085	3,882,169	198,963	1,674	21,168	921,136	108,056
77,284	4,524,652	226,628	1,679	20,114	1,098,238	450,162
75,905	4,402,704	549,087	1,678	19,046	982,724	61,850
65,937	3,661,147	181,230	1,685	19,178	936,595	53,196
59,662	4,963,417	114,340	184	12,179	997,117	35,696
49,065	5,244,323	247,817	174	10,308	1,252,454	34,598
<b>Metal products</b>						
18,129	624,515	16,045	340	6,869	93,225	12,292
21,431	1,054,828	19,982	302	11,182	271,453	9,740
17,709	1,160,283	26,254	295	12,000	436,695	55,141
34,176	1,297,275	40,085	914	19,467	464,995	38,264
30,953	1,324,858	43,053	949	19,829	239,730	37,512
41,769	2,667,189	76,529	1,226	23,575	738,016	83,968
42,671	2,624,255	89,272	1,235	28,227	1,176,290	83,376
41,030	2,858,920	82,153	1,236	27,824	1,342,206	56,724
41,015	3,169,046	130,211	1,224	26,816	1,785,305	50,071
19,379	2,454,681	50,230	322	16,541	837,080	31,775
18,909	3,999,077	79,111	307	13,043	1,123,082	31,900
<b>Transport equipment</b>						
14,749	671,790	15,074	286	9,722	214,929	15,994
13,899	949,764	24,895	350	16,198	420,838	16,390
15,260	1,512,057	76,160	377	17,721	618,986	44,558
24,139	2,127,402	85,490	1,242	14,632	141,626	13,225
33,640	3,591,835	145,044	1,129	11,418	185,144	3,092
34,017	4,366,263	240,962	1,355	18,509	579,021	8,735
38,115	4,982,121	220,694	1,362	18,545	735,479	21,694
33,184	3,986,983	127,914	1,360	15,897	653,469	9,230
34,962	5,508,327	79,699	1,349	19,979	1,014,324	29,456
22,255	5,190,746	144,277	132	8,732	570,035	19,965
13,943	2,355,257	27,862	134	14,615	893,273	37,921

Table 6.3 - SELECTED CHARACTERISTICS OF MANUFACTURING  
(Value and expenditures)

Year	No. of establish- ments	Total employ- ment	Value of shipments	Expenditures on new fixed assets	No. of establish- ments
Paper and printing					
1971	654	25,776	852,633	49,008	85
1973	707	28,545	1,487,162	63,785	101
1974	678	26,715	1,993,483	77,799	-
1976	1,506	35,304	2,595,690	102,865	252
1977	1,451	35,601	3,274,453	174,045	235
1979	1,592	42,852	5,171,864	337,644	249
1980	1,610	41,038	4,888,927	312,999	249
1981	1,612	41,188	4,783,538	180,982	252
1982	1,628	44,775	5,267,545	198,688	250
1983 <sup>P</sup>	451	28,498	5,078,895	149,661	47
1984 <sup>P</sup>	445	25,278	7,076,733	37,921	53
Chemicals					
1971	286	25,716	2,517,288	91,213	13
1973	255	28,283	2,622,061	151,547	11
1974	286	28,845	3,493,649	141,872	11
1976	380	34,067	4,591,481	329,240	13
1977	447	42,438	6,106,938	381,913	15
1979	487	39,341	9,592,103	455,106	17
1980	627	51,218	12,036,144	1,126,806	16
1981	501	43,855	11,535,001	977,790	16
1982	502	42,639	11,999,341	529,187	14
1983 <sup>P</sup>	286	34,782	13,706,008	393,607	12
1984 <sup>P</sup>	281	31,440	18,170,418	423,484	11
Food					
1971	2,943	88,023	4,531,709	298,317	151
1973	3,774	117,643	8,542,311	356,040	166
1974	3,833	11,693	13,772,248	355,912	140
1976	27,688	167,134	12,267,860	439,775	1,179
1977	27,998	205,559	10,226,537	511,811	1,166
1979	29,256	217,113	28,285,664	549,138	1,114
1980	29,264	222,772	16,045,605	681,593	1,116
1981	29,287	235,114	26,285,664	946,951	1,122
1982	29,044	237,408	32,389,122	1,098,031	1,116
1983 <sup>P</sup>	1,506	132,037	34,210,166	1,563,672	120
1984 <sup>P</sup>	1,427	121,244	50,503,387	1,093,718	115

ESTABLISHMENTS BY INDUSTRY: 1971 to 1984  
in thousand pesos) (continued)

Total employment	Value of shipments	Expenditures on new fixed assets	No. of establishments	Total employment	Value of shipments	Expenditures on new fixed assets
<b>Leather</b>						
1,926	35,382	104	213	48,328	1,356,498	85,024
2,262	57,788	539	537	86,860	3,023,318	333,637
-	-	-	-	-	-	-
3,448	80,256	3,614	3,514	94,258	4,027,203	417,027
3,662	98,838	3,412	3,542	115,439	5,338,321	322,277
3,976	144,243	6,388	4,441	139,619	7,531,633	1,078,414
4,352	171,768	9,660	4,470	136,271	8,176,850	1,008,010
3,940	170,980	2,520	4,471	135,486	8,936,682	614,990
4,175	181,196	2,586	4,361	309,789	9,391,198	521,723
3,623	180,213	1,545	323	85,830	7,819,730	354,782
2,750	199,614	3,413	300	65,702	9,550,555	177,270
<b>Petroleum and coal</b>						
1,703	1,706,324	175,097	298	6,349	64,076	2,380
1,187	2,460,338	82,960	694	10,605	128,877	3,573
1,292	5,892,280	87,806	713	11,533	1,717,537	2,222
1,236	8,682,992	44,090	2,713	22,580	262,912	11,236
1,336	10,226,537	55,232	2,665	22,940	345,622	21,968
2,152	13,638,777	98,051	3,455	35,680	851,636	36,189
1,634	18,798,485	139,896	3,460	38,378	1,112,816	77,618
2,090	22,934,035	139,214	3,459	37,176	995,326	25,925
2,858	33,827,517	162,421	3,438	36,382	1,106,863	57,011
2,429	31,630,225	119,856	301	19,321	788,725	36,565
2,146	38,374,197	201,874	289	19,585	1,028,474	22,251
<b>Beverages and tobacco</b>						
37,178	1,932,021	86,804	70	9,186	348,765	20,833
40,017	2,647,300	112,619	141	12,839	494,397	43,449
40,856	3,783,070	121,291	117	12,966	593,464	27,065
41,497	4,681,511	96,628	300	14,457	817,889	112,234
51,394	7,618,880	353,659	272	11,601	913,971	26,086
53,909	8,253,616	432,725	775	19,861	1,780,520	60,430
48,339	7,295,818	471,443	766	26,408	1,886,597	69,037
51,867	12,836,484	437,571	772	32,429	2,449,391	98,158
50,087	13,764,878	809,551	768	31,144	2,694,964	61,733
45,835	14,501,731	528,686	107	17,496	2,026,735	37,088
44,160	24,634,495	1,168,742	102	17,382	2,649,816	70,142

Table 6.4 - SUMMARY OF GROSS VALUE  
ESTABLISHMENTS WITH 5 OR MORE  
(In million)

Major group	1965	1966	1968	1969	1970	1971	1973
All manufacturing establishments	7,465	8,265	11,308	11,992	15,887	19,522	31,248
Food	1,924	1,986	2,781	3,032	3,870	4,834	9,210
Beverages	423	499	626	690	845	1,017	1,250
Tobacco	325	382	588	734	884	995	1,506
Textiles	450	573	804	800	1,108	1,441	2,619
Footwear & wearing apparel	200	199	274	250	281	336	345
Wood and cork	369	411	565	560	660	796	1,227
Furniture and fixtures	54	62	59	66	56	67	141
Paper	197	242	321	319	509	607	1,064
Printing	230	200	266	266	307	355	505
Leather	23	23	29	29	33	37	56
Rubber	177	211	258	263	404	378	563
Chemicals	1,018	1,191	1,552	1,480	2,174	2,872	3,299
Petroleum and coal	470	505	768	930	1,374	1,758	2,520
Non-metallic mineral	257	287	397	425	468	697	1,102
Basic metal	167	217	377	509	901	781	1,923
Metal product	367	436	512	529	508	678	1,137
Machinery							
except electrical	36	41	91	73	114	130	333
Electrical machinery	293	306	348	359	517	636	818
Transport equipment	392	411	598	548	628	868	1,178
Miscellaneous	93	83	94	130	246	239	452

Note: Data from 1965 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 1984 are for establishments with 10 or more workers.

1967, 1972, 1975 and 1978 are census years.

Source: National Census and Statistics Office.

OF OUTPUT OF MANUFACTURING  
WORKERS BY INDUSTRY: 1965 to 1984  
(pesos)

1974	1976	1977	1979	1980	1981	1982	1983	1984
47,552	53,859	67,826	119,718	125,058	140,331	158,775	163,957	220,119
14,516	12,676	17,623	27,646	27,870	31,301	34,785	36,394	53,073
1,762	2,440	3,925	4,180	3,363	7,208	7,245	7,571	14,315
2,149	2,254	3,190	4,146	3,987	5,829	6,655	7,289	10,616
3,490	4,272	5,154	8,605	9,051	9,726	9,602	8,492	10,472
431	1,006	1,406	12,627	3,685	5,645	5,012	4,236	5,067
1,281	1,875	1,742	4,280	4,999	5,188	4,576	5,467	5,623
194	293	410	945	1,246	1,117	1,378	848	1,158
1,578	2,002	2,498	4,156	3,670	3,513	3,693	3,998	6,004
667	624	1,003	1,560	1,926	1,855	1,933	1,719	2,086
60	84	94	161	190	168	182	207	214
806	847	969	1,902	2,051	2,623	2,841	2,187	2,883
4,669	5,320	6,455	10,566	14,379	14,618	14,690	16,117	20,785
6,315	8,720	8,274	14,245	19,937	23,073	33,424	31,683	39,745
1,657	1,642	1,799	1,039	1,213	1,106	1,072	1,178	1,524
2,276	2,828	2,748	4,575	4,891	4,741	4,481	10,480	16,901
1,290	1,376	1,998	3,103	3,140	3,381	3,658	2,929	4,541
628	534	643	1,098	1,639	1,644	2,152	1,066	1,443
1,215	1,422	2,477	3,795	5,043	4,725	7,000	8,566	11,394
1,878	2,406	3,386	5,302	5,787	4,714	6,083	6,123	3,014
690	1,235	264	653	882	708	1,079	619	907

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS<sup>1</sup>: 1965 to 1980

Year	Veneer			Plywood, plain or uncoated		
	Production quantity (1000 m <sup>2</sup> )	Shipment Quantity (1000 m <sup>2</sup> )	Value (Pl,000)	Production quantity (1000 m <sup>2</sup> )	Shipment Quantity (1000 m <sup>2</sup> )	Value (Pl,000)
1965	53,440	40,794	31,097	47,526	44,417	86,081
1970	74,008	29,511	34,814	99,520	91,936	227,178
1971	75,931	47,137	42,353	100,478	80,393	237,380
1972	74,634	32,571	36,742	108,103	99,780	290,420
1973	53,266	28,328	43,737	114,953	119,859	475,670
1974	47,068	32,486	61,900	73,878	69,306	344,030
1975	47,450	38,679	61,771	50,678	52,059	269,389
1976	58,855	48,670	117,226	85,031	74,692	489,255
1977	85,634	52,780	122,336	87,124	83,865	623,699
1978	63,565	...	243,631	95,730	...	690,274
1979	45,558	...	133,715	112,022	...	987,537
1980	...	...	...	...	...	...
<hr/>						
Fuel oils, distillate				Liquefied petroleum gas		
Year	Production quantity (1000 barrels)	Shipment Quantity (1000 barrels)	Value (Pl,000)	Production quantity (1000 barrels)	Shipment Quantity (1000 barrels)	Value (Pl,000)
1965	7,220	7,064	100,438	...	...	...
1970	13,925	13,711	281,433	1,007	1,088	21,901
1971	13,967	16,174	394,043	981	1,253	34,209
1972	15,141	14,915	413,173	1,669	1,639	41,849
1973	13,855	14,322	470,341	2,040	2,032	49,389
1974	11,974	13,419	1,325,235	1,914	1,972	163,199
1975	13,499	13,353	1,649,453	2,318	2,355	272,556
1976	14,430	14,217	1,995,549	1,976	2,086	287,181
1977	14,920	14,433	2,080,181	1,726	1,728	288,959
1978	15,606	...	2,573,349	1,868	...	259,838
1979	16,468	...	3,293,594	1,959	...	423,423
1980	17,220	...	6,108,675	1,844	...	620,557

Notes: Quantity of shipment not collected since 1978. Quantity of shipment includes sales, consignments and inter-plant transfers.

Value of shipment represents net selling values, F.O.B. plant.

<sup>1</sup> "Large" establishments are those employing 20 or more workers.

Source: National Census and Statistics Office.

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS<sup>1</sup>: 1965 to 1980 (continued)

Year	Motor gasoline			Kerosene		
	Production quantity (1000 barrels)	Shipment quantity (1000 barrels)	Value (P1,000)	Production quantity (1000 barrels)	Shipment quantity (1000 barrels)	Value (P1,000)
1965	9,821	9,354	164,301	2,304	2,145	37,275
1970	15,521	15,085	500,002	3,365	3,021	85,674
1971	15,618	16,270	616,537	3,309	3,841	155,156
1972	17,752	16,894	671,936	3,839	3,407	115,548
1973	16,447	16,390	698,861	3,580	3,443	140,863
1974	14,381	15,468	1,839,033	2,859	2,941	334,333
1975	16,037	15,784	2,282,669	3,288	3,262	411,193
1976	15,568	15,429	2,467,221	3,037	3,028	428,794
1977	14,429	14,194	2,377,161	3,146	3,073	450,581
1978	14,726	...	3,030,700	3,594	...	558,378
1979	14,443	...	3,755,286	4,198	...	839,929
1980	11,781	...	5,375,613	3,629	...	1,293,414
Acetylene gas, compressed				Coconut oil, crude		
Year	Production quantity (1000 cylinders)	Shipment quantity (1000 cylinders)	Value (P1,000)	Production quantity (tonnes)	Shipment quantity (tonnes)	Value (P1,000)
1965	201	176	3,666	279,873	309,153	307,006
1970	274	293	7,111	385,312	303,610	520,905
1971	274	295	7,750	394,223	431,004	696,248
1972	331	315	9,459	507,450	491,267	601,891
1973	376	369	11,486	525,731	459,329	814,627
1974	402	402	17,579	530,611	405,929	2,712,530
1975	427	419	21,790	642,170	549,112	1,524,438
1976	474	463	28,031	820,680	718,175	1,783,105
1977	438	426	27,808	781,833	664,187	2,620,210
1978	430	...	26,451	455,791	...	2,002,559
1979	540	...	32,863	386,261	...	2,393,823
1980	589	...	45,881	407,138	...	1,581,627

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS<sup>1</sup>: 1965 to 1980 (continued)

Year	Copra meal and cake			Desiccated coconut		
	Production quantity (1000 nk)	Shipment Quantity (1000 nk)	Value (P1,000)	Production quantity (1000 nk)	Shipment Quantity (1000 nk)	Value (P1,000)
1965	219,698	192,580	45,465	63,194	71,693	75,792
1970	215,143	212,352	87,105	53,324	55,423	115,942
1971	213,909	246,288	93,950	54,988	65,998	115,942
1972	310,246	300,942	118,561	71,040	60,004	92,782
1973	289,103	283,623	157,658	75,990	66,711	185,668
1974	296,163	314,116	230,268	70,736	56,310	398,309
1975	344,720	306,418	230,258	71,064	70,770	229,747
1976	499,936	486,779	350,837	77,505	66,468	212,524
1977	417,427	477,485	414,496	80,523	81,167	481,611
1978	260,040	...	233,189	96,600	...	499,168
1979	221,072	...	216,430	81,556	...	554,660
1980	235,786	...	217,311	88,806	...	473,330
Year	Hog feeds			Knitted fabrics		
	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (P1,000)	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (P1,000)
1965	32,188	47,452	14,082	4,251	4,692	36,001
1970	44,299	80,917	34,164	8,430	8,161	84,319
1971	44,315	46,934	22,580	8,424	6,592	92,100
1972	88,413	90,010	32,723	5,835	5,180	93,104
1973	54,244	50,471	35,970	6,452	6,038	133,370
1974	64,525	61,581	55,876	6,453	5,416	186,011
1975	121,558	111,713	11,556	11,687	9,704	348,316
1976	135,714	131,910	129,329	18,548	14,312	531,050
1977	116,842	112,151	129,748	21,112	17,258	653,102
1978	127,582	...	150,192	12,761	...	463,649
1979	162,637	...	229,454	14,506	...	473,982
1980	203,609	...	316,605	17,765	...	590,847

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS: 1965 to 1980 (continued)

Year	Vegetable cooking oil			Poultry feeds		
	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (Pl,000)	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (Pl,000)
1965	91,468	89,253	132,124	162,925	166,354	69,501
1970	100,188	102,531	265,130	263,068	253,950	144,444
1971	102,943	114,842	290,165	253,485	259,648	176,066
1972	128,875	119,397	274,488	329,108	328,520	236,096
1973	161,365	145,850	464,144	355,901	315,235	276,951
1974	152,471	136,526	657,974	393,916	363,674	421,411
1975	141,304	134,442	509,284	444,841	429,430	537,359
1976	178,523	170,311	590,981	455,081	458,309	570,958
1977	229,588	237,837	811,438	472,855	457,855	643,073
1978	161,863	...	776,786	519,911	...	719,282
1979	139,063	...	1,031,368	484,853	...	782,941
1980	25,611	...	155,464	465,989	...	913,463
Cotton yarns						
Year	Cotton yarns			Wheat flour		
	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (Pl,000)	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (Pl,000)
1965	16,478	15,828	66,616	334,989	351,017	187,514
1970	41,916	16,804	101,816	387,043	382,349	294,173
1971	40,422	20,774	140,491	418,612	414,069	347,248
1972	26,630	15,257	132,988	417,895	409,237	350,848
1973	32,225	24,626	272,125	400,304	394,757	544,072
1974	29,401	19,254	330,631	346,076	337,066	787,257
1975	35,675	19,961	304,970	396,541	389,363	967,953
1976	32,618	23,056	380,707	464,505	449,178	1,122,638
1977	30,756	17,984	336,749	482,875	471,522	1,148,014
1978	31,985	...	645,112	442,805	...	1,442,629
1979	35,903	...	752,768	582,163	...	1,442,629
1980	38,433	...	808,536	570,158	...	1,504,848

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS! 1965 to 1980 (continued)

Year	Cotton fabrics			Steel basic forms & shapes		
	Production quantity (1000 m)	Shipment Quantity (1000 m)	Value (P1,000)	Production quantity (tonnes)	Shipment Quantity (tonnes)	Value (P1,000)
1965	162,708	170,987	153,226	114,155	...	...
1970	212,905	233,768	322,501	366,932	...	...
1971	200,747	268,108	488,701	287,049	255,585	209,203
1972	205,528	144,463	308,069	181,931	125,415	117,218
1973	243,115	223,721	566,543	457,725	377,088	425,152
1974	200,949	165,978	634,094	433,522	329,910	580,843
1975	209,143	194,723	774,297	459,740	452,589	845,148
1976	204,032	195,864	937,824	746,983	669,363	1,355,493
1977	202,517	183,772	952,441	945,241	776,968	1,786,419
1978	182,763	...	1,346,480	1,097,000	...	2,649,112
1979	178,474	...	1,450,616	1,272,000	...	3,521,481
1980	166,183	...	1,352,835	1,371,000	...	3,981,439
Rubber tires						
Year	Production quantity (1000 units)			Shipment Quantity (1000 units)		Value (P1,000)
1965		548		548		82,568
1970		597		587		91,751
1971		780		597		82,700
1972		686		603		120,542
1973		844		841		183,888
1974		1,274		1,234		421,345
1975		1,301		1,248		...
1976		1,222		1,251		458,817
1977		...				...
1978		1,681		...		532,828
1979		2,854		...		641,041
1980		1,637		...		592,511

Table 6.5 - PRODUCTION AND SHIPMENT OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS: 1965 to 1980 (continued)

Year	Passenger cars			Commercial vehicles		
	Production quantity (units)	Shipment Quantity (units)	Value (P1,000)	Production quantity (units)	Shipment Quantity (units)	Value (P1,000)
1965	7,448	...	...	4,097	...	...
1970	7,539	...	...	6,194	...	...
1971	9,347	9,547	174,948	9,690	9,998	259,948
1972	12,937	11,154	205,675	7,972	6,063	190,598
1973	17,360	17,038	348,912	13,128	13,527	312,522
1974	23,924	22,075	545,253	20,422	19,797	574,495
1975	28,320	27,810	842,347	20,338	19,301	703,466
1976	33,817	33,878	1,069,303	16,761	17,624	661,186
1977	35,328	35,475	1,193,766	25,317	25,044	868,859
1978	46,000	...	1,801,402	22,000	...	926,604
1979	43,000	...	1,853,358	26,000	...	1,033,929
1980	73,000	...	3,284,541	15,000	...	946,499

Table 6.6 - VALUE OF MINING  
(In thousand)

Year	Total all minerals	Precious metals			
		Sub- total	Gold metal	Silver metal	Palladium and platinum metal
1955	167,890.0	44,713.8	43,860.1	853.7	-
1960	274,245.8	60,030.9	57,987.5	2,043.4	-
1965	508,174.4	86,837.6	82,582.9	4,254.7	-
1970	1,721,123.0	146,103.9	130,349.5	15,500.4	254.0
1971	2,008,611.3	169,909.1	151,603.1	17,799.0	507.0
1972	2,245,093.4	246,545.1	225,172.7	18,080.0	3,292.4
1973	3,533,765.4	391,489.3	359,961.6	28,385.5	3,142.2
1974	4,501,099.3	608,882.7	554,014.6	52,128.1	2,740.0
1975	3,950,612.5	626,267.5	575,132.3	49,999.6	1,135.6
1976	4,422,956.3	489,894.3	445,908.5	43,985.8	-
1977	5,262,761.4	636,352.3	586,913.5	49,438.8	-
1978	5,804,233.1	857,161.9	798,859.9	58,302.0	-
1979	8,478,488.9	1,313,686.8	1,180,406.0	133,280.8	-
1980	12,820,536.7	3,053,118.7	2,784,866.7	268,252.0	-
1981	11,879,139.6	2,794,754.3	2,642,455.5	152,298.8	-
1982	11,301,745.4	2,773,134.3	2,651,336.5	121,797.8	-
1983	13,640,597.8	4,039,018.2	3,821,872.8	217,145.4	-
1984	17,522,377.1	4,971,709.7	4,772,591.1	199,118.6	-
1985	20,976,928.2	6,274,122.7	6,087,878.9	186,243.8	-

Note: Total all minerals reflect the sum of metallic and non-metallic minerals only enumerated above. Details may not always add up to total due to rounding.

<sup>1</sup>Includes chromite metallurgical concentrate, cobalt metal, nickel (beneficiated ore), gypsum, cement, and other metallics.

<sup>2</sup>Gypsum, natural only; data for artificial gypsum were added to other minerals.

Source: Bureau of Mines and Geo-Sciences.

PRODUCTION: 1955 to 1985  
(pesos)

Base Metals

Sub-total	Chromite ore	Copper metal	Iron ore	Lead metal
75,617.0	19,420.1	29,795.4	24,039.9	1,426.4
119,221.0	33,937.1	59,067.2	20,706.3	65.5
289,313.0	37,441.1	184,884.9	52,766.7	128.2
1,279,739.4	63,570.5	1,113,124.3	83,123.4	24.6
1,404,783.3	53,095.5	1,233,494.2	102,141.1	-
1,531,686.9	48,084.2	1,360,427.8	105,338.6	-
2,503,456.3	75,321.7	2,296,188.7	111,197.2	-
2,990,270.3	79,432.6	2,793,982.5	81,807.2	1,835.4
2,153,173.1	117,547.9	1,640,032.6	90,676.9	6,544.7
2,577,883.3	147,665.5	1,841,542.3	38,502.3	11,338.2
3,153,325.9	239,508.6	1,927,152.8	-	6,969.0
3,084,418.3	250,808.1	2,163,562.2	270.4	4,828.0
4,981,571.9	291,433.9	3,689,620.3	1,068.8	13,936.0
6,175,707.4	276,922.7	4,409,279.1	-	12,503.3
5,204,582.4	271,446.1	3,781,861.6	969.4	5,347.5
4,267,898.6	228,543.0	3,446,323.4	908.4	-
4,713,004.6	253,987.4	4,046,608.8	518.3	-
5,808,379.2	355,249.5	4,970,065.1	-	-
7,783,710.8	426,918.0	5,629,950.5	-	-

Table 6.6 - VALUE OF MINING  
(In thousand)

Year	Base metals					
	Manganese ore	Molybdenum metal	Nickel metal	Pyrite cinders ore	Quick silver metal	Zinc metal
1955	559.7	-	-	-	375.5	-
1960	1,147.8	150.0	-	-	1,299.9	2,847.2
1965	5,103.4	1,138.1	-	410.7	5,076.8	2,363.1
1970	733.7	456.8	1,699.6	2,116.1	10,686.0	4,204.4
1971	910.1	71.0	3,298.0	2,578.8	3,653.5	5,541.1
1972	407.3	-	4,476.6	2,731.7	4,196.5	6,024.2
1973	633.6	-	4,842.0	3,178.5	3,833.8	8,260.8
1974	242.8	-	7,143.0	2,551.4	1,708.4	21,567.0
1975	-	474.2	262,632.0	2,284.3	709.1	32,271.4
1976	1,676.2	-	483,593.0	11,327.2	-	42,238.6
1977	7,644.3	-	927,010.3	4,739.1	-	40,301.8
1978	1,223.4	7,711.0	635,040.4	2,413.1	-	18,561.7
1979	1,227.8	31,058.1	921,876.8	2,186.2	-	29,164.0
1980	883.8	14,700.6	1,437,235.8	1,880.7	-	22,301.4
1981	1,056.4	7,936.2	1,109,344.0	2,772.0	-	23,849.2
1982	559.9	4,374.2	576,928.7	415.8	-	9,845.2
1983	627.8	2,609.0	399,975.8	-	-	8,677.5
1984	192.9	-	466,390.9	-	-	16,480.8
1985	103.2	-	1,712,605.2	-	-	14,133.9

PRODUCTION: 1955 to 1985  
pesos) (continued)

Sub- Total	Non-metallics					Other minerals <sup>1</sup>
	Gypsum	Coal	Sand and gravel	Salt	Silica sand	
11,270.4	-	3,104.1	3,744.8	3,913.5	508.0	36,288.8
22,469.7	549.2	3,438.1	8,785.4	7,553.5	2,143.5	72,524.2
26,335.4	824.6	2,375.0	5,853.9	14,246.3	3,035.6	105,688.4
61,572.2	835.1	1,133.5	24,484.1	26,518.3	8,601.2	233,707.5
71,733.9	2,854.5	1,588.3	29,228.7	32,709.0	5,353.4	362,185.0
82,453.4	6,397.6	1,635.5	37,510.8	30,203.3	6,706.2	384,408.0
79,150.0	390.0	1,765.8	39,834.9	30,360.0	6,799.3	559,669.8
107,941.3	2,816.2	7,608.5	43,211.6	43,568.4	10,736.6	794,005.0
195,388.9	929.5	13,157.6	103,462.2	67,894.5	9,945.1	975,783.0
272,997.3	308.0 <sup>2</sup>	19,329.6	157,398.6	87,325.6	8,635.5	1,082,181.4
362,935.4	427.5	45,528.6	230,382.5	77,434.6	9,162.2	1,110,147.8
567,370.7	-	40,057.5	432,352.6	81,223.7	13,736.9	1,295,282.2
709,862.8	-	47,363.8	490,724.5	161,065.5	10,709.0	1,473,367.4
894,433.6	-	58,501.4	613,405.6	204,166.6	18,360.0	2,697,277.0
989,738.5	-	63,833.6	691,044.4	213,173.4	21,687.1	2,890,064.4
1,293,899.3	-	189,296.7	858,244.0	218,652.0	27,706.6	2,966,813.2
1,789,408.5	-	392,543.7	1,022,342.7	318,132.7	56,389.4	3,099,166.5
2,663,358.4	-	1,133,673.6	1,142,169.2	340,856.8	46,658.8	4,078,929.8
2,969,968.2	-	1,509,457.2	1,070,918.7	365,200.5	24,391.8	3,949,126.5

Table 6.7 - MINING PRODUCTION: 1955 to 1985  
 (In thousand units)

Year	Precious metals			Base metals <sup>1</sup>		
	Gold metal (kg)	Silver metal (kg)	Platinum & palladium metal (kg)	Chromite ore (DMT)	Copper metal (tonnes)	Iron ore (DMT)
1955	13.0	15.6	...	595.0	17.5	1,432.7
1960	12.8	35.2	...	734.4	44.0	1,138.8
1965	13.6	29.0	...	554.6	62.7	1,437.8
1970	18.7	52.9	0.38	566.4	160.3	1,869.9
1971	19.9	60.8	0.08	429.6	197.4	2,250.1
1972	18.9	57.5	0.23	349.6	213.7	2,204.9
1973	17.8	58.8	0.21	580.3	221.2	2,254.6
1974	16.7	53.9	0.00	529.5	225.5	1,608.1
1975	15.6	50.4	*	520.0	225.8	1,351.4
1976	15.6	46.0	...	431.1	237.6	571.0
1977	17.4	50.4	...	538.6	272.8	...
1978	18.2	51.1	...	539.9	263.6	1.7
1979	16.6	57.2	...	556.1	298.3	6.3
1980	20.0	60.7	...	496.1	304.5	...
1981	23.6	62.9	...	439.2	302.3	5.7
1982	26.0	61.7	...	321.1	292.1	5.6
1983	26.1	56.7	...	266.9	271.4	2.6
1984	25.7	49.0	...	259.2	233.4	-
1985	33.1	52.4	...	272.0	222.2	-

<sup>1</sup> Excludes cadmium metal production in 1965 (9.6 m.t.) and 1975 (15.0).

<sup>2</sup> A flask contains 76 lb. of mercury.

<sup>3</sup> Excludes rock asphalt production in 1955 (3.2m.t.) and 1960 (18.4m.t.).

<sup>4</sup> Gypsum material only. Data for artificial gypsum not available.

Source: Bureau of Mines and Geo-Sciences.

Table 6.7 - MINING PRODUCTION: 1955 to 1985  
 (In thousand units) (continued)

Year	Base metals <sup>1</sup>					
	Lead metal (tonnes)	Manganese Ore (Dmt)	Molybdenum metal (tonnes)	Nickel metal (tonnes)	Pyrite cinders (Dmt)	Quick silver (Flask) <sup>2</sup>
1955	2.3	11.9	...	...	...	0.6
1960	0.1	17.4	*	...	...	3.0
1965	0.1	49.7	0.1	...	19.4	2.4
1970	*	5.1	*	0.1	101.7	4.6
1971	...	5.1	*	0.2	129.4	5.0
1972	...	2.5	...	0.4	105.0	3.3
1973	...	4.0	...	0.4	125.7	2.2
1974	1.3	0.9	...	0.3	...	*
1975	3.4	...	*	9.5	99.4	*
1976	4.5	10.6	...	15.2	100.4	...
1977	3.7	20.6	...	36.8	89.2	...
1978	1.4	3.9	*	29.5	80.5	...
1979	1.9	3.8	0.1	33.3	88.7	...
1980	1.8	2.6	0.1	47.1	75.5	...
1981	1.1	3.1	0.1	29.2	...	...
1982	...	1.6	0.1	19.6	...	...
1983	...	2.2	*	13.9	...	...
1984	...	0.6	-	13.6	...	...
1985	...	0.4	-	28.2	...	...

Table 6.7 - MINING PRODUCTION: 1955 to 1985  
 (In thousand units) (continued)

Year	Non-metallics <sup>3</sup>					
	Zinc metal (tonnes)	Gypsum (tonnes)	Coal (tonnes)	Sand and gravel (cu.m.)	Salt (tonnes)	Silica sand (tonnes)
1955	...	...	130.2	1,231.1	1,599.9	30.6
1960	5.0	9.1	147.2	2,555.1	94.7	88.4
1965	2.1	27.5	94.5	1,325.9	225.2	279.6
1970	3.2	17.5	42.4	4,619.1	210.3	684.6
1971	8.9	42.8	40.0	4,627.5	235.0	497.5
1972	4.6	84.9	38.9	5,598.6	219.5	411.6
1973	5.4	2.6	39.0	5,690.7	220.0	504.9
1974	7.8	1.8	50.8	2,160.6	213.6	689.2
1975	10.4	6.9	105.1	5,264.9	202.1	427.2
1976	11.6	2.8 <sup>4</sup>	120.8	6,113.1	203.4	391.4
1977	12.4	1.7	284.5	7,347.0	200.0	310.9
1978	9.5	...	255.0	9,775.6	225.6	418.9
1979	9.7	...	263.1	11,042.6	322.1	406.8
1980	6.8	...	325.0	13,251.0	346.4	476.6
1981	5.3	...	318.2	13,273.0	355.3	484.3
1982	3.0	...	556.8	14,797.3	364.4	527.3
1983	2.3	0.5	1,019.6	15,093.3	381.9	408.3
1984	2.2	...	1,216.4	14,583.9	401.0	432.3
1985	1.9	...	1,257.9	11,144.4	421.1	317.7

Figure 6.1  
PRODUCTION OF SELECTED COMMODITIES BY LARGE MANUFACTURING ESTABLISHMENTS: 1970 to 1980

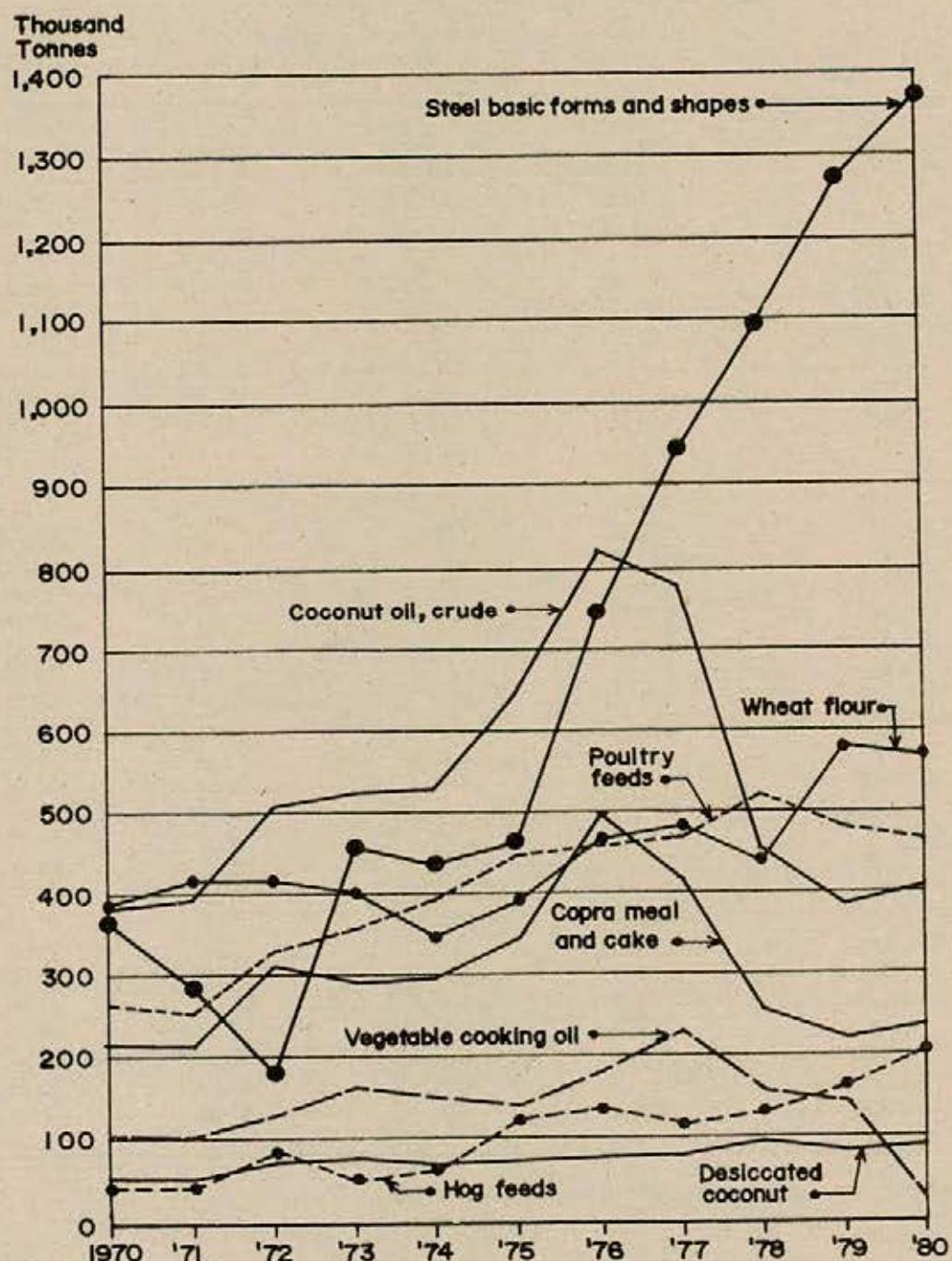


Table 6.8 - PRODUCTION, IMPORTATION AND  
(In thousand)

Year	Plant nutrients			
	Total	Nitrogen (N)	Phosphorous (P )	Potassium (K )
<b>Production</b>				
1976	124.0	48.4	31.0	44.6
1977	75.7	37.9	29.3	8.5
1978	103.1	45.7	36.1	21.3
1979	90.2	35.5	38.8	15.9
1980	90.5	34.0	37.0	19.5
1981	99.0	41.1	38.2	19.7
1982	51.2	18.2	18.9	14.1
1983	64.3	23.6	24.0	16.7
1984	37.3	15.7	14.3	7.3
1985	204.1	88.9	109.7	5.5
1986	371.1	111.8	248.1	11.2
<b>Importation</b>				
1976	111.2	63.2	-	48.0
1977	184.3	141.5	-	42.8
1978	239.6	177.5	8.2	53.9
1979	306.1	217.1	18.2	70.8
1980	319.5	224.4	16.5	78.6
1981	196.6	112.7	10.9	73.0
1982	322.6	221.6	29.0	72.0
1983	296.1	222.3	25.6	48.2
1984	255.3	178.1	33.5	43.7
1985	240.8	181.6	33.5	25.7
1986	357.6	305.5	10.3	41.8
<b>Consumption</b>				
1976	251.5	158.1	38.3	55.1
1977	264.5	177.3	40.4	46.8
1978	316.6	210.2	49.8	56.6
1979	342.3	226.7	51.9	63.7
1980	332.8	224.2	52.8	55.8
1981	321.7	209.9	51.2	60.6
1982	346.3	232.8	56.1	57.4
1983	363.4	244.2	54.8	64.4
1984	262.0	178.0	45.4	38.6
1985	283.2	205.4	42.8	35.0
1986	390.4	298.3	45.8	46.3

Source: Fertilizer and Pesticide Authority.

CONSUMPTION OF LOCAL FERTILIZERS: 1976 to 1986  
 metric tons)

Fertilizer products					
Total	Urea	Ammosul/ Amchlor	NP & P	NPK	Potash
306.1	14.1	104.7	88.7	98.6	-
228.0	-	62.6	103.1	62.3	-
289.7	-	61.0	74.3	154.4	-
233.7	-	5.0	114.7	114.0	-
230.0	-	3.9	85.8	140.3	-
265.3	-	31.5	92.7	141.1	-
125.8	-	1.3	24.0	100.5	-
164.3	-	7.4	36.4	120.5	-
102.4	-	14.7	32.9	54.8	-
499.7	-	149.5	310.9	39.3	-
695.8	-	21.9	539.6	134.3	-
193.0	83.1	35.3	-	-	74.6
448.1	257.6	119.6	-	-	70.9
549.9	337.4	103.2	16.8	3.0	89.5
734.6	355.5	195.4	23.9	53.9	105.9
752.0	386.9	167.5	38.5	23.3	135.8
426.9	204.2	45.1	41.7	18.6	117.3
765.3	364.9	151.5	94.6	43.6	110.7
642.8	320.2	118.4	102.3	27.3	74.6
622.4	283.3	113.4	86.4	87.1	52.2
557.5	321.2	21.3	85.0	112.9	17.1
876.0	553.9	197.4	29.0	32.7	63.0
667.9	174.8	185.4	116.3	108.0	83.4
686.5	229.3	177.7	106.1	124.1	49.3
795.7	291.2	171.2	125.3	147.2	60.8
848.7	319.8	175.4	124.2	159.5	69.8
819.6	329.2	143.6	131.8	158.2	56.8
785.3	307.3	126.4	124.2	163.7	63.7
846.0	342.2	140.3	143.1	161.6	58.8
878.3	371.5	137.7	145.2	150.5	73.4
720.0	256.3	178.6	116.8	134.3	34.0
710.2	310.4	126.2	113.6	131.4	28.6
959.7	490.3	166.3	125.1	130.1	47.9

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

Year/Region	Total			Residential	
	Number <sup>1</sup>	Floor area	Value	Number	Floor area
1965	18,786	...	479,212	9,539	...
1970	15,485	2,899	420,148	9,040	1,716
1971	14,963	2,486	443,047	9,193	1,358
1972	19,589	2,746	529,811	12,519	1,474
1973	20,668	2,656	589,428	10,956	1,328
1974	16,736	2,566	996,968	8,742	1,048
1975	19,133	3,712	2,174,875	10,717	1,667
1976	41,927	5,216	2,370,228	26,539	2,553
1977	37,723	4,036	2,286,845	23,216	2,053
Metropolitan Manila Area (National Capital Region)	7,047	1,562	1,392,228	4,295	856
Region 1	3,278	169	56,627	2,060	96
Region 2	1,373	101	34,906	949	40
Region 3	2,367	258	87,060	1,569	125
Region 4	6,064	593	269,860	3,722	266
Region 5	1,444	169	37,357	788	52
Region 6	1,975	152	58,268	1,243	94
Region 7	3,169	278	119,924	1,922	137
Region 8	1,520	69	13,699	1,105	49
Region 9	1,519	86	21,339	1,006	50
Region 10	3,212	267	84,937	2,926	149
Region 11	2,583	247	81,127	1,534	99
Region 12	1,172	85	29,513	677	40

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

Note: From 1965 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.

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

Source: National Census and Statistics Office.

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING  
 1965 to 1985  
 area in thousand square meters)

Non-residential				Additions, alterations and/or repairs		
Value	Number	Floor area	Value	Number	Floor area	Value
202,235	4,631	...	232,264	4,616	...	44,713
197,745	1,854	904	179,173	4,591	279	43,230
230,248	1,897	909	175,545	3,873	219	37,254
263,505	2,419	1,057	224,183	4,651	215	42,123
296,737	3,079	1,005	228,730	6,633	323	63,961
354,130	2,970	1,233	543,556	5,024	285	99,282
723,164	3,395	1,714	1,316,066	5,021	331	135,645
931,289	6,517	2,104	1,218,561	8,871	559	220,378
939,276	4,817	1,571	857,259	8,690	416	490,310
=====	=====	=====	=====	=====	=====	=====
538,067	835	589	448,772	1,917	117	405,389
31,526	276	54	20,083	942	19	5,018
9,919	181	53	22,795	243	8	2,192
46,084	347	111	33,817	451	22	7,159
104,635	832	270	145,010	1,460	57	8,189
15,797	255	39	13,371	401	78	20,215
32,753	290	46	19,824	442	12	5,691
55,709	415	117	52,944	832	24	11,271
8,890	95	14	3,078	320	6	1,731
11,855	185	23	6,048	328	13	3,436
38,451	397	97	39,553	519	21	6,933
34,093	470	123	37,774	579	25	9,260
11,497	239	35	14,190	256	10	3,826

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

Year/Region	Total			Residential	
	Number <sup>1</sup>	Floor area	Value	Number	Floor area
1978	26,828	4,142	2,963,098	14,909	1,830
Metropolitan Manila Area (National Capital Region)	7,950	2,092	1,758,389	4,868	917
Region 1	1,193	56	26,823	683	36
Region 2	511	72	35,042	305	25
Region 3	1,701	239	156,256	1,123	121
Region 4	3,006	392	229,930	1,713	154
Region 5	975	106	61,204	406	34
Region 6	2,144	209	124,110	1,174	106
Region 7	1,764	218	116,233	865	101
Region 8	693	60	33,262	493	32
Region 9	1,251	124	66,689	746	66
Region 10	1,659	165	74,503	885	83
Region 11	2,894	308	224,530	1,231	116
Region 12	1,087	103	56,128	417	39
1979	41,717	6,204	5,224,919	21,753	2,689
Metropolitan Manila Area (National Capital Region)	11,758	2,804	2,906,933	7,197	1,219
Region 1	2,321	247	196,898	1,092	119
Region 2	1,336	137	95,884	480	48
Region 3	3,116	433	321,993	2,058	202
Region 4	4,001	638	452,282	2,384	227
Region 5	1,183	173	134,133	545	61
Region 6	2,379	254	173,081	1,249	121
Region 7	3,246	301	187,479	1,468	173
Region 8	1,347	139	85,731	741	71
Region 9	1,937	211	130,334	807	86
Region 10	2,659	301	171,872	1,195	127
Region 11	4,869	413	277,218	1,781	167
Region 12	1,565	153	101,083	756	68

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING  
 1965 to 1985 (continued)  
 area in thousand square meters)

Non-residential				Additions, alterations and/or repairs			
Value	Number	Floor area	Value	Number	Floor area	Value	
1,154,953	3,981	1,920	1,419,724	7,938	394	388,422	
=====	=====	=====	=====	=====	==	=====	
691,941	921	982	857,121	2,161	193	209,327	
15,971	86	12	7,660	424	8	3,192	
12,280	119	45	21,620	87	2	1,142	
67,990	358	116	80,301	220	12	7,965	
91,308	475	194	123,841	818	31	14,781	
15,256	244	63	38,913	325	10	7,035	
53,132	393	83	53,671	577	21	17,307	
50,478	251	90	52,148	648	27	13,607	
15,455	89	26	16,747	111	3	1,060	
32,740	204	47	27,170	301	10	6,779	
32,227	263	68	36,341	511	14	5,935	
60,622	409	143	69,555	1,254	49	94,353	
15,553	169	51	34,636	501	14	5,939	
2,107,189	5,342	2,820	2,571,992	14,622	695	545,738	
=====	=====	=====	=====	=====	==	=====	
1,165,661	1,192	1,233	1,431,316	3,369	352	309,956	
77,047	238	99	97,801	991	29	22,050	
29,519	261	80	59,272	595	9	7,095	
135,462	590	211	132,389	468	20	54,143	
165,178	498	380	262,863	1,119	31	24,238	
37,262	226	97	85,049	412	15	11,822	
74,672	487	113	84,670	643	20	13,739	
104,936	222	84	52,194	1,556	44	20,347	
39,653	200	57	38,232	406	11	7,845	
54,310	259	90	59,859	871	35	16,167	
65,426	398	134	86,652	1,066	40	19,793	
115,088	591	180	132,672	2,497	66	29,458	
42,975	180	62	49,023	629	23	9,085	

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

Year/Region	Total			Residential	
	Number <sup>1</sup>	Floor area	Value	Number	Floor area
1980	39,104	5,881	5,734,241	21,966	2,552
	=====	=====	=====	=====	=====
Metropolitan Manila Area (National Capital Region)	11,962	2,714	3,007,149	7,565	1,173
Region 1	2,189	204	183,574	945	92
Region 2	1,260	148	106,897	700	63
Region 3	2,503	430	466,298	1,808	169
Region 4	4,659	595	538,108	2,988	266
Region 5	1,120	161	142,563	632	72
Region 6	1,988	262	213,736	1,148	112
Region 7	1,997	232	184,154	1,057	121
Region 8	1,299	147	114,424	826	79
Region 9	1,457	180	152,339	740	69
Region 10	2,459	242	180,106	1,108	108
Region 11	4,471	379	303,727	1,670	152
Region 12	1,740	187	141,165	779	76
1981	38,805	5,489	6,310,570	23,922	2,477
	=====	=====	=====	=====	=====
Metropolitan Manila Area (National Capital Region)	12,568	2,494	3,331,688	7,910	1,130
Region 1	2,060	197	197,581	1,171	106
Region 2	923	116	101,342	517	50
Region 3	3,285	455	569,620	2,469	211
Region 4	4,040	663	695,510	2,856	260
Region 5	1,103	141	128,978	598	56
Region 6	1,721	273	247,976	1,091	99
Region 7	2,431	226	238,382	1,407	123
Region 8	1,283	110	90,780	897	58
Region 9	1,022	115	106,939	589	55
Region 10	2,807	247	202,306	1,292	107
Region 11	4,396	336	292,877	2,512	167
Region 12	1,166	116	106,592	613	54

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING  
 1965 to 1985 (continued)  
 area in thousand square meters)

Non-residential				Additions, alterations and/or repairs			
Value	Number	Floor area	Value	Number	Floor area	Value	
2,339,109	5,453	2,806	2,802,780	11,685	521	592,351	
=====	=====	=====	=====	=====	=====	=====	
1,250,151	1,107	1,274	1,395,035	3,290	266	361,963	
77,399	238	90	82,405	1,006	22	23,770	
47,832	356	79	54,664	204	5	4,401	
145,950	443	238	303,193	252	22	17,155	
225,151	562	286	263,312	1,109	42	49,645	
52,736	256	81	78,702	232	8	11,125	
87,763	391	114	93,118	449	36	32,855	
84,629	197	89	80,566	743	22	18,959	
56,065	230	61	50,773	243	8	7,586	
51,392	251	98	90,032	466	13	10,915	
74,539	434	114	90,423	917	20	15,144	
126,572	556	184	147,831	2,245	43	29,324	
58,930	432	97	72,726	529	14	9,509	
2,496,437	5,622	2,705	3,306,400	9,261	307	507,733	
=====	=====	=====	=====	=====	=====	=====	
1,333,200	1,251	1,194	1,712,300	3,407	170	286,188	
93,184	220	77	75,663	669	14	28,734	
42,806	290	62	53,899	116	4	4,637	
199,632	531	220	331,428	285	24	38,561	
245,374	529	380	423,088	655	23	27,048	
49,330	315	77	71,244	190	8	8,409	
86,799	375	163	147,506	255	11	13,675	
99,189	327	89	103,296	697	14	35,893	
43,803	225	48	38,035	161	4	8,932	
41,778	189	55	57,034	244	5	8,128	
76,877	489	128	106,939	1,026	12	18,490	
142,727	611	156	130,658	1,273	13	19,493	
41,738	270	57	55,310	283	6	9,545	

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

Year/Region	Total			Residential	
	Number <sup>1</sup>	Floor area	Value	Number	Floor area
1982	39,622	5,178	6,042,597	26,352	2,748
Metropolitan Manila Area (National Capital Region)	16,043	2,749	3,111,117	11,092	1,505
Region 1	1,715	168	938,584	1,021	87
Region 2	619	84	69,120	439	40
Region 3	3,361	412	387,647	2,744	234
Region 4	3,863	390	338,418	2,875	251
Region 5	852	170	123,215	472	46
Region 6	1,219	171	143,546	805	86
Region 7	2,732	229	184,883	1,466	130
Region 8	1,067	103	84,761	684	53
Region 9	732	85	57,487	395	32
Region 10	2,050	188	176,000	930	81
Region 11	4,502	332	302,980	2,942	159
Region 12	867	97	74,849	407	44
1983	46,927	7,233	8,479,016	32,883	3,575
Metropolitan Manila Area (National Capital Region)	18,995	3,331	4,388,309	13,983	1,964
Region 1	2,035	304	279,517	1,355	126
Region 2	1,071	134	118,628	575	58
Region 3	4,046	504	538,326	3,348	339
Region 4	5,519	606	651,790	4,179	347
Region 5	1,154	114	130,261	834	66
Region 6	1,530	191	279,336	1,001	92
Region 7	2,670	224	216,083	1,464	135
Region 8	1,438	1,207	1,356,930	898	77
Region 9	884	80	78,904	512	47
Region 10	2,235	185	171,704	1,092	97
Region 11	4,483	256	305,297	3,125	177
Region 12	970	98	93,931	517	50

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING  
 1965 to 1985 (continued)  
 area in thousand square meters)

	Non-residential			Additions, alterations and/or repairs		
Value	Number	Floor area	Value*	Number	Floor area	Value
2,967,680	4,203	2,159	535,887	9,067	271	535,887
=====	=====	=====	=====	=====	====	=====
1,812,336	1,225	1,216	343,785	3,469	178	343,785
77,939	182	67	17,148	519	10	17,148
35,415	113	39	2,755	357	1	2,755
239,595	371	159	16,205	257	10	16,205
277,689	396	123	35,066	605	18	35,066
42,766	156	46	14,755	229	6	14,755
76,409	222	71	11,086	200	7	11,086
103,597	319	79	24,648	958	14	24,648
41,050	182	46	4,636	208	2	4,636
26,250	141	48	5,152	201	3	5,152
59,659	273	81	34,081	836	5	34,081
139,196	492	147	19,596	985	12	19,596
35,779	131	37	6,974	243	5	6,974
4,114,569	4,445	3,274	3,722,719	9,599	384	641,722
=====	=====	=====	=====	=====	====	=====
2,493,555	1,318	1,107	1,468,951	3,694	263	425,802
121,634	237	172	141,296	443	6	16,586
52,889	324	70	46,007	172	5	8,523
358,265	338	153	137,114	360	12	25,333
397,981	401	207	221,727	836	13	32,033
69,003	165	43	52,177	155	4	9,082
88,496	253	90	173,749	276	8	17,062
123,057	217	61	62,962	989	22	30,064
77,166	234	1,124	1,168,774	307	7	9,985
40,851	123	29	31,759	249	5	8,241
76,499	257	76	77,064	886	9	15,830
171,166	488	112	112,146	870	12	21,845
44,007	90	31	28,993	362	18	21,336

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

Year/Region	Total			Residential	
	Number <sup>1</sup>	Floor area	Value	Number	Floor area
1984	40,577	5,441	8,216,601	28,095	3,129
	=====	=====	=====	=====	=====
Metropolitan Manila Area (National Capital Region)	15,310	2,889	4,831,646	10,937	1,593
Region 1	2,389	215	274,148	1,553	146
Region 2	550	82	94,658	312	32
Region 3	3,429	530	809,677	2,961	328
Region 4	4,819	428	609,367	3,768	318
Region 5	890	126	186,412	646	70
Region 6	1,940	295	279,182	1,456	129
Region 7	2,443	268	311,384	1,519	159
Region 8	998	90	114,927	537	45
Region 9	771	65	67,949	450	40
Region 10	1,894	150	165,694	894	84
Region 11	3,994	189	277,697	2,402	134
Region 12	1,150	114	193,860	660	51
1985	30,508	4,558	8,285,127	20,244	2,122
	=====	=====	=====	=====	=====
Metropolitan Manila Area (National Capital Region)	11,386	2,404	5,205,208	7,176	911
Region 1	2,270	232	328,362	1,506	146
Region 2	448	88	122,245	250	29
Region 3	2,272	332	545,790	1,806	190
Region 4	4,035	405	662,642	3,222	285
Region 5	547	76	114,238	370	37
Region 6	1,438	161	241,652	989	93
Region 7	1,902	283	334,065	1,131	160
Region 8	732	97	123,805	432	36
Region 9	540	65	74,013	292	28
Region 10	1,397	131	155,563	700	65
Region 11	2,760	225	310,529	1,931	109
Region 12	780	59	67,015	433	33

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING  
 1965 to 1985 (continued)  
 area in thousand square meters)

Non-residential				Additions, alterations and/or repairs			
Value	Number	Floor area	Value	Number	Floor area	Value	
4,153,690	3,430	1,912	3,392,966	9,053	336	669,945	
=====	=====	=====	=====	=====	=====	=====	
2,193,859	1,105	1,067	2,210,361	3,268	229	427,426	
173,575	179	61	80,287	657	8	20,286	
33,648	134	46	54,914	104	3	6,096	
477,110	255	190	296,587	214	13	35,980	
448,452	309	94	125,028	742	16	35,887	
110,841	102	52	65,096	142	3	10,475	
164,473	179	59	99,750	305	7	14,959	
162,907	260	97	121,046	664	13	27,431	
50,988	183	42	55,175	278	3	8,764	
40,767	86	20	16,134	235	4	11,048	
91,308	185	57	57,714	815	9	16,672	
157,885	343	72	80,521	1,249	20	39,291	
47,877	110	55	130,353	380	8	15,630	
3,101,356	3,390	2,171	4,573,893	6,843	264	611,451	
=====	=====	=====	=====	=====	=====	=====	
1,423,473	1,107	1,339	3,418,911	3,103	155	362,821	
195,620	232	70	95,848	532	16	36,889	
30,096	132	56	84,819	66	2	7,331	
312,394	235	128	200,891	231	14	32,505	
450,207	363	106	177,164	450	13	35,269	
54,636	124	36	49,249	93	3	10,353	
132,728	158	62	90,714	221	7	18,210	
178,734	275	104	121,666	496	18	33,668	
44,039	144	57	73,030	156	3	8,272	
28,801	119	35	35,783	129	3	9,429	
70,770	182	57	65,606	515	9	19,188	
146,158	228	100	135,367	595	16	29,005	
33,700	91	21	24,845	256	5	8,511	

Table 6.10 - NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS OF  
(Amount in

Year	Total		Corporations <sup>1</sup>	
	Number	Initial paid-up capital	Number	Subscribed capital
1950	5,602	151,735	608	67,189
1955	6,016	110,762	657	63,810
1960	7,150	184,855	1,217	173,339
1965	9,626	327,267	1,545	289,711
1970	11,665	449,318	2,175	595,489
1971	12,573	584,827	2,429	564,484
1972	15,402	624,967	2,664	662,267
1973	36,222	991,112	3,841	1,057,219
1974	49,722	1,678,279	4,480	2,116,279
1975	31,183	1,634,088	4,759	2,229,458
1976	31,405	1,867,251	4,828	2,376,867
1977	44,956	2,420,422	4,545	2,210,453
1978	39,558	3,238,787	5,039	3,208,094
1979	51,212	2,761,642	5,330	3,478,370
1980	43,182	3,550,367	4,964	3,896,273
1981	5,478 <sup>2</sup>	1,542,808	4,493	3,490,514
1982	5,315 <sup>2</sup>	1,630,955	4,344	3,724,364
1983	5,575 <sup>2</sup>	1,747,841	4,587	3,805,534
1984	4,480 <sup>2</sup>	1,148,589	3,604	2,574,804
1985	5,291 <sup>2</sup>	2,068,958	4,269	3,453,736
1986	6,002	3,242,615	5,003	3,552,257

<sup>1</sup> Total refers to corporations and partnerships only.

<sup>2</sup> Includes cooperatives and excludes non-stock corporations.

<sup>3</sup> Covers January to October 1980 only.

Source: Securities and Exchange Commission and Bureau of Domestic Trade.

NEWLY REGISTERED BUSINESS ORGANIZATIONS: 1950 to 1986  
 thousand pesos)

Initial paid-up capital	Partnerships		Single proprietorships	
	Number	Initial paid-up capital	Number	Initial paid-up capital
41,285	408	18,746	4,586	91,704
24,944	505	20,307	4,854	65,511
64,083	807	34,375	5,126	86,397
123,775	827	44,936	7,254	158,556
220,317	1,156	48,319	8,334	180,682
217,308	1,171	71,533	8,973	295,986
281,567	1,471	67,423	11,267	275,977
381,578	2,290	109,423	30,091	500,111
892,700	2,256	116,429	42,986	669,150
841,000	1,922	121,650	24,502	671,438
1,061,000	1,325	88,000	25,252	718,251
922,204	1,185	131,293	39,226	1,366,925
1,188,112	1,074	84,208	33,445	1,966,467
1,219,486	1,034	96,804	44,848	1,445,352
1,478,818	1,035	103,520	37,183 <sup>3</sup>	1,968,029
1,432,478	985	110,330	...	...
1,534,776	971	96,179	...	...
1,635,208	988	112,633	...	...
1,001,482	876	147,107	...	...
1,891,130	1,022	177,828	...	...
1,621,316	999	1,621,299	...	...

Table 6.11 - INITIAL PAID-UP CAPITAL INVESTMENTS OF NEWLY  
BY NATIONALITY AND KIND OF BUSINESS:  
(In thousand

Year/Nationality	All industries	Agriculture, fishery and forestry	Mining and quarrying	Manu- facturing
1981	1,542,808	200,219	36,490	422,950
Filipino	1,464,374	190,022	35,545	396,817
Chinese	10,329	1,819	30	3,955
American	13,621	530	566	1,425
Others	54,484	7,848	349	20,753
1982	1,630,955	199,601	26,018	257,154
Filipino	1,570,457	196,226	25,624	227,312
Chinese	12,954	237	75	8,958
American	10,167	305	134	1,258
Others	37,777	2,833	185	19,626
1983	1,747,841	107,592	14,470	233,492
Filipino	1,699,201	103,760	14,289	211,522
Chinese	11,337	660	-	5,682
American	5,993	270	107	3,052
Others	31,310	2,902	74	13,236
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

Source: Securities and Exchange Commission.

## REGISTERED DOMESTIC STOCK CORPORATIONS AND PARTNERSHIPS

1981 to 1986

(pesos)

Cons- truction	Electricity, gas and water	Wholesale and retail trade	Real estate, insurance banks and financial institutions	Transport, storage and communi- cation	Community, social and personal services
88,544	313	219,726	435,728	72,741	66,097
85,633	313	203,767	418,144	69,032	65,101
175	-	2,872	905	330	243
320	-	8,043	2,046	495	196
2,416	-	5,044	14,633	2,884	557
161,389	144	171,329	698,080	74,133	43,107
160,134	144	160,076	686,580	72,118	41,843
501	-	2,362	691	125	5
274	-	1,627	6,408	50	111
480	-	7,264	4,401	1,840	1,148
119,867	1,137	214,976	897,582	85,795	72,930
116,206	837	207,164	891,183	83,102	71,138
1,581	-	1,047	1,583	489	295
209	-	575	953	355	472
1,871	300	6,190	3,863	1,849	1,025
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

Table 6.12 - CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS AND PARTNERSHIPS, PHILIPPINES: 1955 to 1986  
 (Amount in million pesos)

Year	Increases		Withdrawals		Net effect
	Number	Amount	Number	Amount	
1955	114	18.4	121	15.8	2.6
1960	238	103.8	203	15.3	88.4
1965	299	198.4	304	36.0	162.5
1970	370	461.2	103	12.0	449.2
1971	393	525.1	102	26.0	499.1
1972	395	544.2	78	86.2	457.9
1973	619	744.8	192	64.7	680.3
1974	831	1,622.6	199	65.5	1,597.1
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

Source: Securities and Exchange Commission.

Figure 6.2  
VALUE OF PRODUCTION OF SELECTED MINERALS: 1974 to 1985

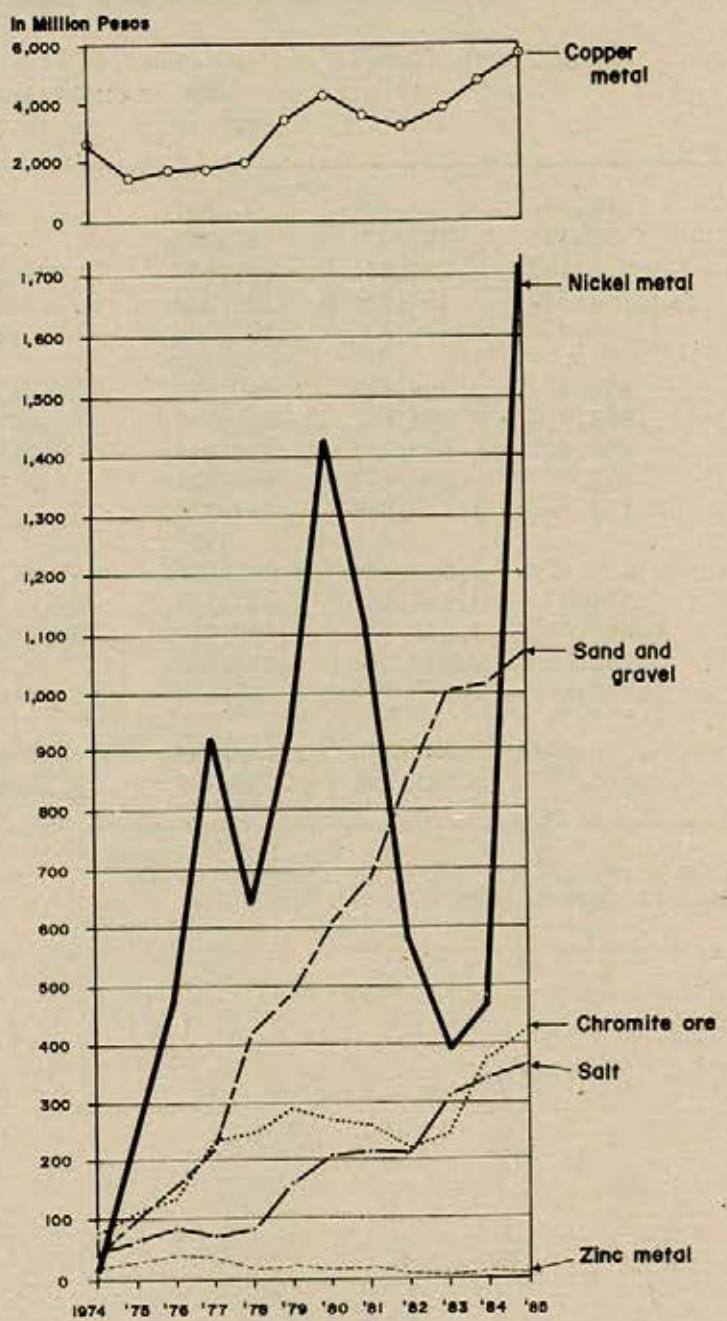


Table 6.13 - AMOUNT OF INVESTMENTS APPROVED UNDER  
(In thousand)

Year	Total	Local			Australia/ Oceania	Asia
			Sub- total			
1970	284,398	188,501	95,897	-	10,414	
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	870,404	409,465	460,939	56,743	234,422	
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	

<sup>1</sup>Approvals under P.D.218 started in September 1981.  
Source: Board of Investments.

P.D. 1789 AND P.D.218<sup>1</sup> BY REGION: 1970 to 1986  
 pesos)

Foreign						
North America	Central America	South America	Europe	Africa	Middle East	Others
42,281	-	-	6,513	-	-	36,689
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

Table 6.14 - EQUITY INVESTMENTS IN PROJECTS  
P.D. 1789 AND P.D. 218;  
(In thousand)

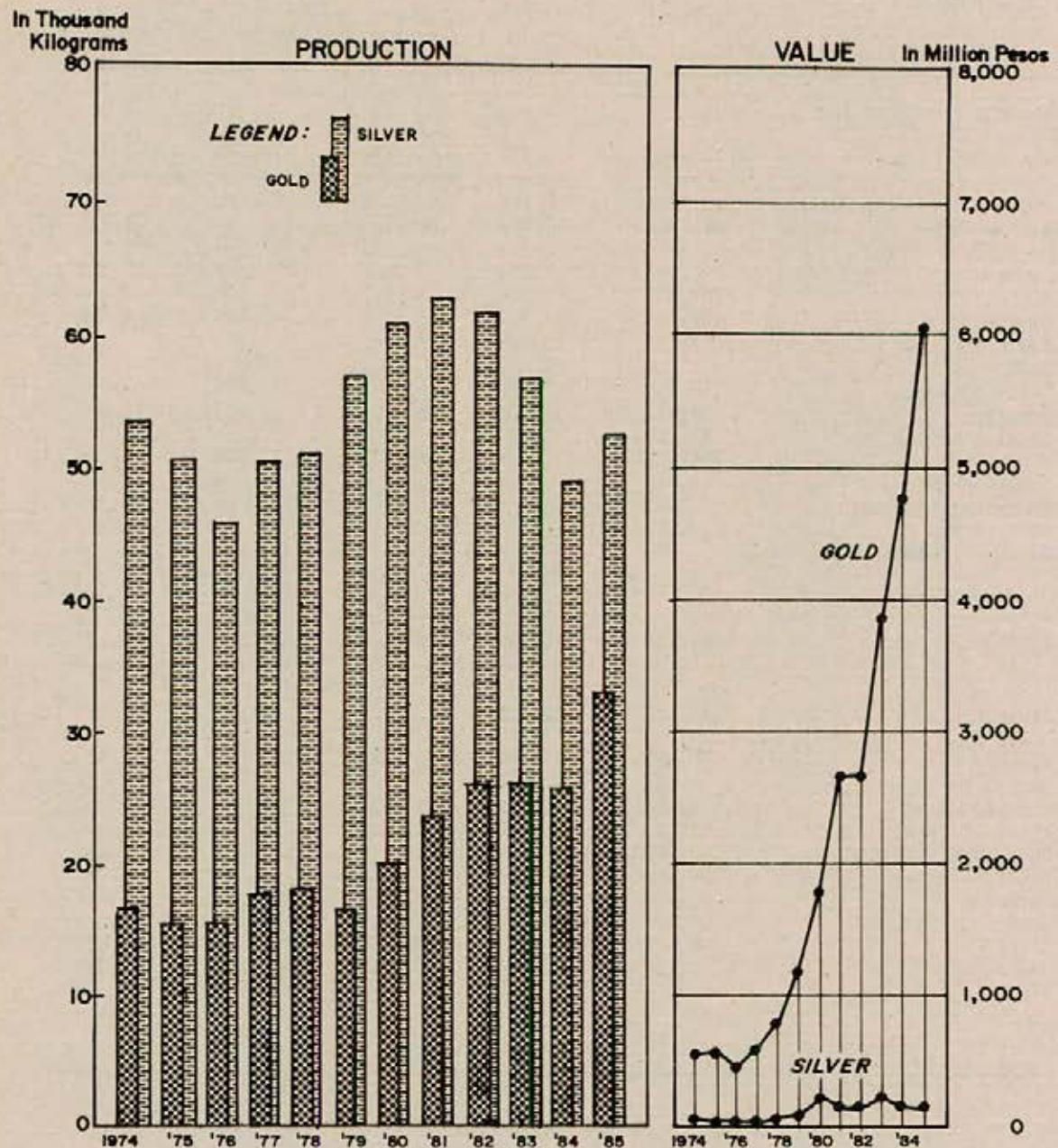
Industry	Total	Philippines		Foreign	
		100% wholly owned	In joint venture	100% wholly owned	In joint venture
<b>January - December 1983</b>					
All industries	5,217,296	1,167,119	1,072,368	2,294,333	683,476
Agriculture	206,217	59,579	89,513	-	57,125
Forestry	-	-	-	-	-
Fishery	23,157	9,522	10,584	-	3,051
Mining	996,505	401,833	369,824	-	224,848
Manufacturing	2,827,623	618,322	389,426	1,569,584	250,291
Energy-related projects	44,770	14,065	11,822	1,576	17,307
Public utilities	-	-	-	-	-
Export traders	37,646	8,474	18,195	-	10,977
Commerce	60,575	-	32,477	7,200	20,898
Service exporters	56,003	55,324	407	-	272
Services	807,987	-	49,507	701,535	56,945
Construction	19,803	-	13,147	283	6,373
Financial institution	44,508	-	32,052	-	12,456
Real estate	78,347	-	55,414	-	22,933
Regional headquarters	14,155	-	-	14,155	-
<b>January - December 1984</b>					
All industries	6,114,279	952,370	1,261,389	2,043,417	1,857,103
Agriculture	438,683	341,894	70,948	-	25,841
Forestry	-	-	-	-	-
Fishery	13,524	-	6,559	-	6,965
Mining	127,993	9,000	49,436	-	69,557
Manufacturing	4,733,220	473,491	1,075,148	1,726,145	1,458,436
Energy-related projects	102,931	15,441	8,236	65,289	13,965
Public utilities	-	-	-	-	-
Export traders	148,729	102,209	31,814	-	14,706
Commerce	237,003	-	1,471	172,682	62,850
Service exporters	23,285	10,335	8,925	-	4,025
Services	223,140	-	3,786	21,011	198,343
Construction	41,571	-	4,926	34,590	2,055
Financial institution	-	-	-	-	-
Real estate	18,500	-	140	18,000	360
Regional headquarters	5,700	-	-	5,700	-

<sup>1</sup>Approvals under P.D. 218 started in September 1981.  
Source: Board of Investments.

APPROVED BY THE BOI UNDER  
1983 TO 1986  
(pesos)

Industry	Total	Philippines		Foreign	
		100% wholly owned	In joint venture	100% wholly owned	In joint venture
<b>January - December 1985</b>					
All industries	4,700,654	928,312	1,322,734	1,426,576	1,023,032
Agriculture	341,873	200,926	114,723	-	26,224
Forestry	-	-	-	-	-
Fishery	94,166	4,921	77,582	-	11,663
Mining	57,522	-	34,698	-	22,824
Manufacturing	2,994,955	408,945	731,296	1,343,289	511,425
Energy-related projects	22,926	15,220	18	7,662	26
Public utilities	-	-	-	-	-
Export traders	338,050	287,600	12,795	30,000	7,655
Commerce	39,071	-	10,167	13,087	15,817
Service exporters	10,700	10,700	-	-	-
Services	704,539	-	297,505	31,508	375,526
Construction	1,300	-	900	100	300
Financial institution	-	-	39,300	-	15,700
Real estate	39,622	-	3,750	-	35,872
Regional headquarters	930	-	-	930	-
<b>January - December 1986</b>					
All industries	3,146,278	726,359	826,169	573,609	1,020,141
Agriculture	133,750	55,095	37,692	-	40,963
Forestry	-	-	-	-	-
Fishery	245,399	44,944	158,432	-	42,023
Mining	250	-	175	-	75
Manufacturing	1,798,694	562,182	267,622	345,033	623,857
Energy-related projects	61,023	4,629	46,158	-	10,236
Public utilities	10,219	-	-	-	10,219
Export traders	288,466	45,029	146,654	3,500	93,283
Commerce	260,288	-	43,595	187,307	29,386
Service exporters	17,490	14,480	7	3,000	3
Services	265,587	-	79,164	24,276	162,147
Construction	1,559	-	920	309	330
Financial institution	-	-	-	-	-
Real estate	53,369	-	45,750	-	7,619
Regional headquarters	10,184	-	-	10,184	-

Figure 6.3  
QUANTITY AND VALUE OF PRODUCTION  
OF GOLD AND SILVER: 1974 to 1985



**CHAPTER 7**  
**FOREIGN TRADE; BALANCE OF  
PAYMENTS**

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## **CHAPTER 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-à-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 Census and Statistics Office (NCSO) 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 compiled and released data on foreign trade until 1973, when the NCSO 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 data on balance of payments is the Central Bank of the Philippines.

Table 7.1-FOREIGN TRADE OF THE PHILIPPINES:  
(F.O.B. value in million

Year	Exports <sup>1</sup>			
	Total trade	Value	Percent to total trade	Average exchange rate (P/U.S.\$)
1935	187.47	101.93	54.37	2.000
1940	290.65	155.92	53.65	2.000
1945	29.60	0.67	2.26	2.000
1950	688.88	332.70	48.30	2.000
1955	955.60	419.26	43.87	2.000
1960	1,159.96	535.44	46.16	2.000
1965	1,630.99	795.74	48.79	3.900
1970	2,301.49	1,142.19	49.63	5.729
1971	2,450.08	1,189.25	48.54	6.305
1972	2,502.03	1,168.43	46.70	6.682
1973	3,433.81	1,837.19	53.50	6.755
1974	5,868.25	2,724.99	46.44	6.791
1975	5,753.65	2,294.47	39.88	7.238
1976	6,207.16	2,573.68	41.46	7.384
1977	7,065.65	3,150.89	44.59	7.346
1978	8,157.07	3,424.87	41.99	7.314
1979	10,742.94	4,601.19	42.83	7.323
1980	13,514.70	5,787.79	42.83	7.454
1981	13,666.08	5,720.40	41.87	7.834
1982	12,687.51	5,020.59	39.57	8.463
1983	12,491.92	5,005.29	40.07	11.125
1984	11,460.26	5,390.65	47.04	16.570
1985	9,739.62	4,628.95	47.53	18.535
1986	9,885.38	4,841.78	48.98	20.259

<sup>1</sup>Sum of domestic exports and re-exports.

Source: National Census and Statistics Office.

1935 to 1986  
U.S. dollars)

Value	Imports		Balance of trade: Favorable(+) Unfavorable(-)
	Percent to total trade	Average exchange rate (P/U.S.\$)	
85.54	45.63	2.000	16.39
134.73	46.35	2.000	21.19
28.93	97.74	2.000	(28.26)
356.18	51.70	2.000	(23.48)
536.34	56.13	2.000	(117.08)
624.52	53.84	2.000	(89.08)
835.25	51.21	3.874	(39.51)
1,159.30	50.37	5.764	(17.11)
1,260.83	51.46	6.391	(71.58)
1,333.60	53.30	6.605	(165.17)
1,596.62	46.50	6.754	240.57
3,143.26	53.56	6.772	(418.27)
3,459.18	60.12	7.230	(1,164.71)
3,633.48	58.54	7.466	(1,059.80)
3,914.76	55.41	7.436	(763.87)
4,732.20	58.01	7.392	(1,307.33)
6,141.75	57.17	7.400	(1,540.56)
7,726.91	57.17	7.508	1,939.12
7,945.68	58.13	7.856	(2,225.28)
7,666.92	60.43	8.484	(2,646.33)
7,486.63	59.93	10.989	(2,481.34)
6,069.61	52.96	16.700	(678.96)
5,110.67	52.47	18.738	(481.72)
5,043.60	51.02	20.403	(201.82)

Table 7.2- DIRECTION OF TRADE:  
(P.O.B. value in thousand)

All countries	1978		1979		1980		1981	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
Total	4,732,196	3,424,876	6,141,751	4,601,190	7,726,912	5,787,788	7,945,679	5,720,397
United States <sup>a</sup>	995,579	1,156,247	1,402,459	1,384,176	1,785,695	1,588,410	1,787,216	1,765,826
Japan	1,285,105	818,381	1,397,929	1,201,004	1,531,182	1,533,333	1,494,114	1,250,487
European Economic Community	598,536	634,121	850,717	930,779	827,532	980,781	819,020	924,302
France	101,220	53,672	171,779	122,340	88,790	94,917	130,870	84,421
West Germany	184,106	142,875	276,106	226,475	323,356	255,061	315,670	240,253
Netherlands	71,907	280,011	98,313	359,851	112,730	365,768	77,441	319,642
United Kingdom	171,685	90,082	195,007	136,451	180,446	146,609	164,656	193,090
Italy	31,015	33,222	52,525	39,950	65,490	66,665	61,227	50,004
Others	38,603	34,259	56,987	45,712	56,720	51,761	69,156	36,892
Middle East Countries	706,000	57,669	963,994	61,069	1,974,969	115,353	1,694,271	99,446
Kuwait	162,777	1,469	282,101	1,691	405,768	4,636	415,705	3,056
Saudi Arabia	263,697	21,162	368,213	20,119	796,556	26,785	1,038,116	34,942
Bahrain	50,230	522	78,844	482	100,973	670	92,071	1,157
Others	229,296	34,516	234,836	38,777	671,672	83,262	148,379	60,291
ASEAN Countries	273,586	208,313	363,832	187,754	483,155	376,967	538,321	412,244
Brunei	b	b	b	b	b	b	b	b
Indonesia	148,200	90,424	182,497	46,007	178,035	107,152	224,360	153,624
Malaysia	56,425	36,497	89,752	57,303	157,788	94,291	177,588	104,073
Singapore	50,231	71,392	81,196	65,560	126,872	112,613	109,719	129,223
Thailand	18,730	10,000	10,387	18,884	20,460	62,911	26,654	25,324
Socialist Countries	122,908	89,628	152,578	143,719	244,983	255,584	212,166	257,164
People's Republic of China	111,627	47,458	120,953	51,464	205,705	44,986	194,517	78,225
U.S.S.R.	5,538	40,365	7,739	83,280	21,586	189,291	1,809	171,007
Romania	237		14,282	7,711	2,037	4,176	2,479	6
Others	5,506	1,805	9,604	1,264	15,655	17,131	13,361	7,926
Other Countries	750,482	460,517	1,010,242	692,689	879,398	937,360	1,400,571	1,010,928
Australia	167,246	75,402	206,002	93,809	214,963	97,893	212,618	121,677
Hongkong	107,895	90,410	152,887	157,979	194,152	191,653	215,558	221,721
South Korea	52,688	66,372	90,152	141,147	136,929	202,553	111,418	198,301
Taiwan	131,817	41,276	173,261	69,314	182,666	100,555	204,881	101,559
Canada	42,427	42,664	54,111	61,923	68,470	64,143	65,102	90,184
Others	248,409	144,393	333,529	168,517	82,218	280,563	590,994	277,486

<sup>a</sup>Includes Hawaii and Alaska.

<sup>b</sup>Included in other countries from 1978 to 1983.

<sup>c</sup>Includes Greece which became member as of 1984.

<sup>d</sup>Includes Greece but excludes Spain and Portugal which became members as of 1985.

Source: National Census and Statistics Office.

1978 TO 1986  
U.S. dollars)

1982		1983		1984		1985		1986	
Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
<hr/>									
7,666,918	5,020,593	7,486,626	5,005,291	6,069,612	5,390,646	5,110,673	4,628,954	5,043,589	4,841,780
<hr/>									
1,702,675	1,586,306	1,739,106	1,799,570	1,630,453	2,050,534	1,282,089	1,621,801	1,252,817	1,716,759
1,532,022	1,145,507	1,266,000	1,015,036	814,544	1,042,697	734,508	874,635	868,258	851,064
<hr/>									
813,828	726,280	879,861	816,023	674,099 <sup>c</sup>	682,991 <sup>c</sup>	424,990 <sup>d</sup>	630,769 <sup>d</sup>	568,682	913,900
100,362	82,393	88,546	91,496	184,176	96,296	71,829	86,978	82,155	111,461
331,859	202,764	354,865	199,170	192,828	182,452	141,856	174,806	220,346	241,602
85,699	189,942	75,841	225,587	52,474	124,273	42,280	145,210	71,311	246,647
161,622	189,895	181,075	234,669	121,070	224,705	102,923	167,104	108,872	230,062
47,370	34,321	53,542	37,357	24,900	28,273	31,684	28,536	23,405	24,738
86,916	26,965	125,992	27,744	98,651	26,992	34,418	28,135	62,593	59,480
<hr/>									
1,454,982	90,300	1,451,540	78,575	977,025	66,714	634,274	71,435	501,676	96,649
288,678	8,705	286,471	7,051	382,442	8,077	220,151	5,951	105,050	4,719
912,717	39,453	812,545	41,931	420,050	33,007	268,340	39,130	218,479	44,043
17,103	2,295	37	1,460	20	1,776	2	1,229	3,138	1,142
237,484	39,847	352,487	28,133	174,513	23,854	145,781	25,125	175,009	46,745
509,679	358,738	671,077	352,761	783,018	516,557	754,003	530,752	440,785	351,410
b	b	b	b	54,901	509	14,635	490	13,054	577
142,880	54,984	171,421	30,147	201,629	8,348	184,736	18,280	128,328	27,933
118,680	177,767	154,650	162,495	363,112	177,982	369,705	173,767	145,992	97,925
218,376	111,553	280,451	140,254	116,022	320,453	134,457	250,099	124,394	157,628
29,743	14,434	64,556	19,865	47,354	9,265	50,470	88,116	29,017	67,297
232,498	231,108	154,636	123,179	231,590	117,886	300,865	123,231	136,426	125,040
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206,327	105,205	122,151	29,392	220,256	60,186	276,085	79,793	110,686	104,689
11,130	115,159	15,811	86,994	3,348	54,402	11,363	3,270	14,557	15,424
4,810	50	1,725	-	3,534	-	5,759	-	1,416	3
10,231	10,694	14,949	6,793	4,452	3,298	7,656	10,732	9,767	4,925
1,421,234	882,354	1,324,406	820,147	1,013,784	913,267	979,944	776,331	1,274,945	786,870
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218,180	89,474	171,473	76,179	127,162	89,606	159,007	80,546	145,008	69,170
210,650	197,865	256,695	170,711	234,258	232,429	197,653	187,378	257,929	222,481
147,642	151,464	158,079	148,192	146,304	98,872	203,678	71,671	170,059	112,243
220,115	56,659	213,242	74,806	177,756	91,449	177,909	86,099	279,663	123,666
68,232	58,315	54,173	69,829	42,924	81,077	30,856	73,961	37,403	68,982
556,415	328,577	470,744	280,350	285,380	319,833	210,841	276,676	384,883	190,428

Table 7.3- PHILIPPINE EXPORTS BY MAJOR COMMODITY  
(F.O.B. value in million)

Major commodity group	1960	1965	1970	1971	1972	1973	1974
Total	535	796	1,142	1,189	1,168	1,837	2,725
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Coconut products	177	271	212	254	228	374	609
Copra	139	170	81	114	110	166	140
Coconut oil	16	69	98	103	84	153	381
Desiccated coconut	19	20	19	21	18	32	60
Copra meal or cake	3	12	14	16	16	23	28
Sugar and sugar products	135	147	196	220	218	294	766
Centrifugal and refined sugar	133	132	188	212	211	274	737
Molasses	2	10	8	8	6	19	28
Others	*	5	*	*	1	1	1
Forest products	95	195	301	264	235	444	338
Logs	85	155	243	215	164	304	216
Lumber	7	8	13	11	10	35	30
Plywood	2	18	20	24	34	58	26
Others	1	14	25	14	27	47	66
Mineral products	37	70	224	224	239	374	518
Copper concentrates	30	47	185	185	191	290	393
Gold	...	...	...	8	27	40	74
Iron ore and concentrates	*	2	13	13	9	18	12
Chromite ore	5	11	9	6	5	9	13
Others	2	10	17	12	7	17	26
Fruits and vegetables	25	17	35	41	52	57	91
Pineapple products	7	12	22	20	21	23	35
Banana	18	2	6	15	24	28	45
Others	*	3	7	6	7	6	11
Abaca products	43	26	17	15	16	24	46
Abaca unmanufactured	42	24	15	13	13	20	38
Abaca rope	1	2	2	2	3	4	8
Tobacco products	3	16	15	15	18	27	31
Raw tobacco	3	15	14	14	17	26	30
Cigars and others	*	1	1	1	1	1	1
Mineral fuel and lubricants	*	6	17	24	19	16	17
Chemicals	2	2	5	6	6	10	15
Textiles	3	5	5	7	9	24	20
Miscellaneous manufactures and others	14	39	114	111	124	191	271
Re-exports	1	2	1	8	4	2	3

Source: National Census and Statistics Office.

GROUP : 1960 TO 1986  
 U.S. dollars)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	2,294	2,574	3,151	3,425	4,601	5,788	5,720	5,021	5,005	5,391	4,629	4,842
	466	540	761	908	1,024	811	750	590	680	727	459	470
	172	150	201	136	89	47	34	49	4	-	-	18
	231	299	412	621	742	567	533	401	516	580	347	333
	30	37	90	82	107	116	102	68	88	106	76	44
	33	54	58	69	86	81	81	72	72	41	36	75
	616	456	535	216	240	657	609	445	321	327	189	108
	581	429	512	197	212	624	567	416	299	290	169	87
	34	24	20	16	27	33	38	25	17	33	16	16
	1	3	3	3	1	-	4	4	5	4	4	5
	260	308	294	362	536	468	469	362	331	323	246	251
	167	135	134	145	144	92	76	78	74	88	39	26
	27	68	67	85	198	181	126	124	149	107	90	103
	21	43	41	72	107	111	111	67	76	56	51	56
	45	62	52	60	87	84	156	93	32	72	66	66
	332	371	501	554	831	1,031	758	532	440	266	243	267
	212	266	268	250	440	545	429	312	249	115	84	90
	76	65	71	76	103	239	215	169	154	104	100	140
	13	7	-	-	-	-	-	-	-	-	-	-
	13	15	25	25	23	33	25	15	10	19	12	10
	18	18	137	203	265	214	89	36	27	28	47	27
	124	142	157	177	214	365	378	374	327	392	354	346
	41	52	64	74	96	97	101	107	102	115	128	128
	73	76	72	86	100	114	124	146	105	122	113	130
	10	14	21	17	18	154	153	121	120	155	113	88
	22	27	29	25	38	31	25	26	25	37	31	35
	15	18	18	15	25	27	21	20	18	33	16	13
	7	9	11	10	13	4	4	6	7	4	15	22
	35	29	29	30	33	30	50	49	35	31	28	26
	34	28	28	29	32	29	48	47	33	28	24	21
	1	1	1	1	1	1	2	2	2	3	4	5
	37	34	37	30	42	38	42	33	115	87	42	66
	21	26	51	59	112	89	107	96	87	104	151	243
	22	28	21	31	39	33	69	56	25	38	39	44
	357	589	722	1,011	1,463	2,198	2,453	2,449	2,586	2,934	2,807	2,874
	2	24	14	22	29	37	10	9	33	125	40	112

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

Year	Value of exports			Copra		Sugar	
	Total	Ten principal	Others	Quantity	Value	Quantity	Value
1950	332,700	284,028	48,672	707,186	137,953	420,475	45,906
1955	419,260	337,026	82,234	804,838	118,680	926,796	106,296
1960	535,440	477,014	58,426	804,371	138,643	1,089,845	133,484
1965	795,740	632,460	163,290	883,495	170,004	1,017,485	132,439
1970	1,142,191	867,714	274,477	447,443	80,581	1,236,215	188,012
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

<sup>1</sup>In thousand bd. ft.

<sup>2</sup>In troy ounce.

Source: National Census and Statistics Office.

1950 to 1986  
 quantity in thousand kilograms)

Bananas		Logs and lumber		Desiccated coconut		Coconut oil	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
-	-	144,247	10,691	73,050	24,157	69,806	12,482
-	-	726,507	41,542	48,529	12,810	74,177	16,535
138	18	1,515,416	91,600	58,775	18,837	59,965	15,669
30	2	3,013,372	162,001	67,730	20,447	235,759	68,095
106,792	5,904	4,067,555	255,637	60,241	18,083	339,241	97,567
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

Table 7.4 - TOTAL EXPORTS AND TEN PRINCIPAL EXPORTS: 1950 to 1986  
 (F.O.B. value in thousand U.S. Dollars; quantity in thousand kilograms)  
 (continued)

Year	Pineapples, canned		Gold		Abaca (unmanufactured)		Copper concentrates	
	Quantity	Value	Quantity <sup>2</sup>	Value	Quantity	Value	Quantity	Value
1950	65,388	9,474	...	...	96,312	41,635	8,053	1,730
1955	36,180	5,940	...	...	111,820	27,833	38,880	7,391
1960	44,839	7,400	...	...	101,152	41,774	227,931	29,589
1965	44,276	8,738	...	...	89,235	24,216	279,088	46,518
1970	99,980	21,398	...	...	55,228	15,342	631,718	185,190
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

Table 7.5 - EXPORTS OF NON-TRADITIONAL PRODUCTS: 1982 TO 1986  
 ( F.O.B. value in thousand U.S. dollars )

Commodity group	1982	1983	1984	1985	1986
Total	3,025,030	3,111,833	3,650,850	3,315,309	3,542,491
Manufactured	2,460,692	2,537,193	2,991,264	2,564,520	2,684,898
Electrical & electronic equipment and components	1,000,083	1,053,765	1,273,585	992,663	903,492
Telecommunication and sound recording and reproducing apparatus and equipment	14,482	26,608	12,106	9,994	11,111
Electrical machinery, apparatus and appliances	117,474	126,045	351,178	271,701	368,495
Semi-conductors and other micro-components	868,127	901,112	910,301	710,968	523,886
Garments	539,335	542,412	599,686	621,712	749,794
Food products and beverages	214,469	175,471	133,915	157,141	135,577
Meat and meat preparation	1,298	528	631	259	485
Dairy products & bird's eggs	2,050	2,738	437	361	3,043
Fish, crustaceans and mollusks, preserved or prepared, n.e.s.	48,618	55,010	47,277	49,239	52,947
Cereals and cereal preparations	5,246	5,164	5,168	5,594	5,677
Vegetables, roots and tubers prepared or preserved, n.e.s.	3,461	1,350	1,670	1,282	1,281
Fruit preserved and fruit preparations (excluding pineapple in syrup)	39,381	30,903	40,585	49,421	41,764
Sugar and honey	45,279	34,799	7,346	23,908	815
Sugar confectionary and other sugar preparations	3,667	4,410	3,757	3,953	5,073
Coffee, tea, cocoa and manufactures thereof (excluding coffee, not roasted)	51,931	26,399	11,198	11,740	12,645
Feeding stuff for animals	3,538	3,653	4,377	2,320	1,520
Miscellaneous edible products and preparations	6,308	7,754	8,676	6,781	7,846
Beverages	3,691	2,762	2,794	2,283	3,215
Handicrafts	121,600	127,909	133,024	122,381	145,791
Chemicals and chemical products	96,767	87,849	106,133	151,591	243,480
Organic chemicals	54,449	48,315	64,176	55,787	63,749
Inorganic chemicals	5,608	3,305	3,328	15,237	15,646
Dyeing, tanning & coloring material	809	2,532	452	427	306
Medicinal & pharmaceutical products	7,954	7,558	7,176	6,754	5,988
Essential oils & perfume materials	2,151	2,492	4,070	5,480	6,740
Fertilizers, manufactured	*	31	1,086	33,416	113,458
Explosives & pyrotechnic products	1,037	621	530	958	1,557
Artificial resins and plastic materials and cellulose esters and others	12,276	11,434	11,216	17,199	20,395
Chemical materials and products, n.e.s.	12,483	11,561	14,099	16,333	15,639

Table 7.5 - EXPORTS OF NON-TRADITIONAL PRODUCTS: 1982 TO 1986 (continued)  
 ( F.O.B. value in thousand U.S. dollars )

Commodity group	1982	1983	1984	1985	1986
Furniture and parts	71,598	83,556	88,298	83,719	89,353
Footwear	61,986	54,956	46,382	38,641	30,837
Machinery and transport equipment	50,561	39,316	42,895	37,081	53,826
Non-metallic mineral manufactures, particularly cement	39,549	25,718	20,587	22,758	16,790
Textile, yarns, fabrics and products	38,917	28,468	25,447	25,154	34,455
Builder's woodworks	30,873	40,140	40,353	26,241	28,349
Toys and sporting goods	30,327	18,993	16,474	11,365	10,866
Watches and clocks	11,653	8,187	247	190	139
Cordage, cable, ropes, and twines	13,864	12,026	11,149	10,123	7,750
Fuel wood, woodcharcoal, pulpwood	6,364	7,732	12,036	15,759	10,738
Pulp and waste paper	10,612	9,960	12,403	13,235	11,409
Mineral fuels, lubricants and related materials	33,304	115,664	86,643	71,765	65,768
Animal and vegetables oils, fats and waxes (excluding coconut oil)	29,561	47,884	63,821	42,955	19,853
Manufactures of metal, n.e.s.	19,415	10,938	9,915	7,930	9,522
Sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.	2,006	1,854	1,933	1,806	2,063
Others	37,849	44,394	266,339	110,310	115,046
Unmanufactured	563,953	573,821	657,860	748,596	856,615
Bananas	147,362	106,058	122,996	114,292	130,507
Nickel and nickel ores	61,446	63,313	25,257	14,219	9,297
Iron ore agglomerates	105,622	114,377	105,024	94,982	85,151
Nickel concentrates	9,176	7,815	2,539	18,692	11,058
Fish; fresh or simply preserved	70,665	76,685	68,208	99,295	143,611
Coffee not roasted	49,429	46,607	76,154	69,542	118,796
Rice	201	9,386	796	27	11
Iron and steel	21,933	27,856	36,384	40,130	33,365
Vegetables and fruits, fresh or dried	27,490	26,804	34,180	32,468	36,733
Oil seeds and oleaginous fruit	8,521	5,277	10,091	6,907	2,353
Crude rubber	6,379	5,071	5,630	9,917	10,123
Crude fertilizers and crude minerals	4,760	5,519	5,015	4,677	5,168
Crude animals and vegetable materials, n.e.s.	20,403	20,189	16,516	24,583	28,565
Textile fibers and their waste (not manufactured into yarn and fabric)	6,059	6,718	7,461	14,595	22,453
Metalliferous ores and metal scrap	13,758	9,091	12,760	13,997	17,204
Non-ferrous metals	10,505	40,847	126,936	189,731	202,094
Others	245	2,127	1,914	542	166
Special transactions <sup>1</sup>	385	820	1,726	2,193	978

<sup>1</sup> Includes animal, live n.e.s. (including zoo animal, dogs, cats, insects, etc.),  
 armored fighting vehicles, arms of war and ammunition coin, not being legal tender.  
 Source: National Census and Statistics Office.

Figure 7.1  
DIRECTION OF EXTERNAL TRADE: 1977 TO 1986

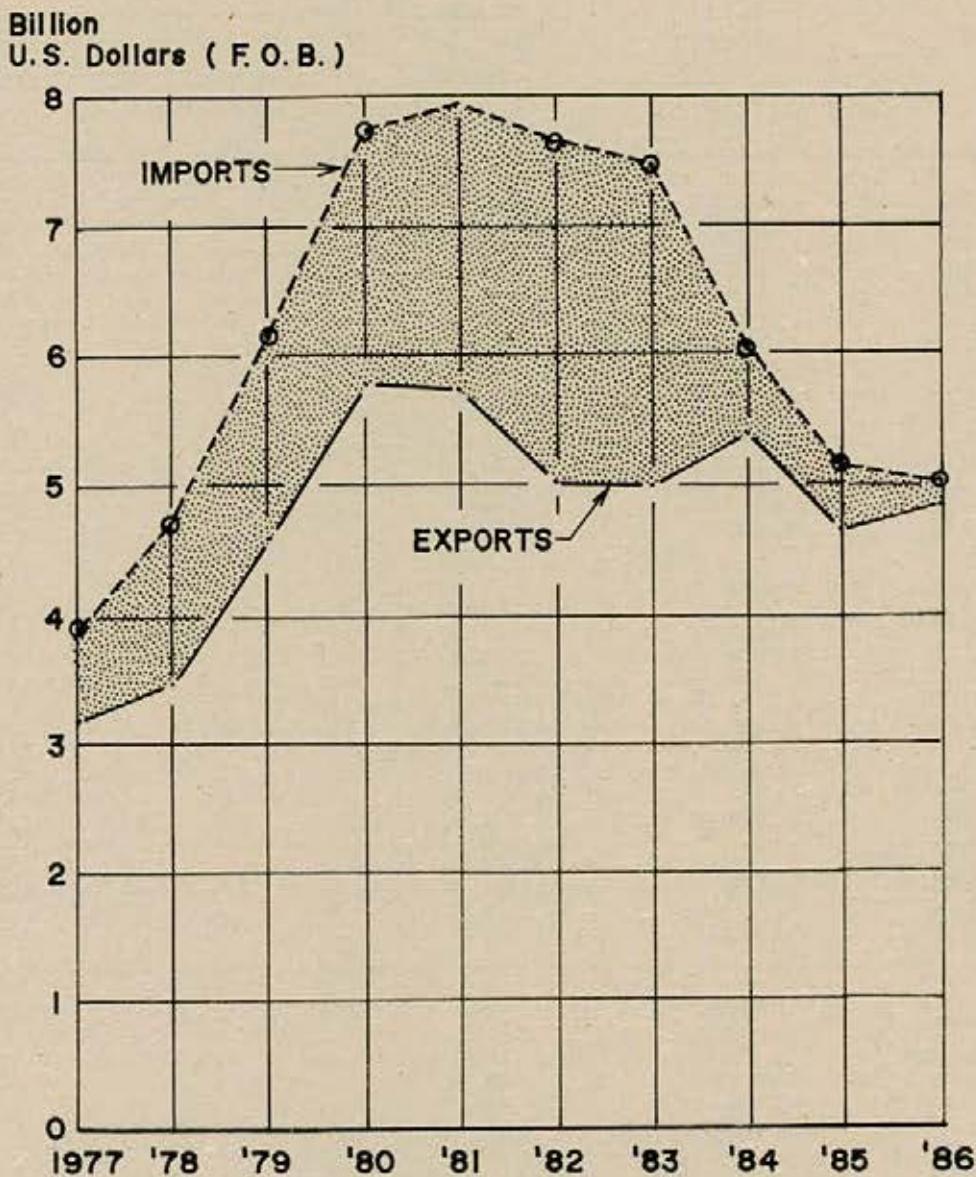


Table 7.6- IMPORTS BY END USE:  
(F.O.B. value in million)

Year	Total imports	Total Consumer goods	Consumer	
			Meat and meat preparations	Dairy products
1955	536.3	139.1	8.1	28.5
1960	624.5	99.6	6.0	24.4
1965	835.2	185.0	5.5	26.0
1970	1,159.3	125.5	5.1	32.4
1971	1,260.8	169.8	5.5	38.5
1972	1,333.6	202.6	4.0	45.6
1973	1,596.6	287.5	2.2	45.2
1974	3,143.3	470.9	4.5	74.5
1975	3,459.2	551.4	9.9	61.8
1976	3,633.5	545.0	8.6	53.5
1977	3,914.8	636.2	12.1	70.1
1978	4,732.2	817.2	13.1	60.1
1979	6,141.7	1,067.4	16.7	95.8
1980	7,726.9	1,425.7	12.2	112.5
1981	7,945.7	1,653.9	16.0	134.9
1982	7,666.9	1,711.0	20.3	166.8
1983	7,486.6	1,709.1	12.9	128.2
1984	6,069.6	1,835.6	2.3	65.6
1985	5,110.7	1,584.8	3.5	71.9
1986	5,043.6	1,644.1	3.7	98.2

1955 TO 1986  
U.S.dollars)

=====  
g o o d s

Fish and fish preparations	Cereals and cereal preparations	Fruits and Vegetables	Beverages and others	Other food products	Manufactures and others <sup>1</sup>
12.9	36.9	6.1	15.8	8.6	22.2
21.7	24.5	2.4	0.8	4.5	15.3
13.9	94.8	7.6	2.4	5.0	29.8
16.6	32.5	4.2	8.5	4.6	21.6
20.5	65.1	3.5	6.1	4.5	26.1
19.6	84.3	5.4	8.6	5.1	30.0
19.7	111.8	4.0	9.6	5.9	89.1
31.6	154.9	5.9	17.1	11.9	170.5
33.4	175.4	7.4	22.7	9.4	231.4
30.4	160.0	4.6	34.7	11.8	241.4
22.4	121.7	6.5	44.1	19.3	340.1
23.8	121.4	8.4	43.5	22.3	524.6
19.7	143.6	10.2	48.5	24.9	708.0
26.5	214.3	11.0	48.4	31.5	969.3
29.6	230.0	14.5	53.1	53.6	1,122.2
38.1	242.0	15.2	66.0	51.9	1,110.7
6.8	248.5	14.3	72.4	31.8	1,194.2
1.0	245.0	5.9	34.9	9.6	1,471.3
1.4	278.1	8.0	75.6	13.1	1,133.2
8.7	168.3	16.4	71.5	11.4	1,265.9

Table 7.6- IMPORTS BY END USE:  
(F.O.B. value in million

Year	Total capital goods	Capital goods			
		Machinery and parts other than electric	Electrical machinery apparatus and appliances	Transport equipment	Professional, scientific and control instruments
1955	111.4	52.2	21.9	30.3	7.0
1960	243.9	107.1	21.2	109.5	6.1
1965	311.0	168.9	47.5	86.9	7.7
1970	482.8	304.4	59.2	106.0	13.2
1971	531.1	329.9	66.3	122.2	12.7
1972	537.8	343.9	54.0	123.7	16.2
1973	490.9	296.0	70.8	102.3	21.8
1974	824.5	424.0	105.3	265.3	29.9
1975	1,148.9	654.9	156.9	301.6	35.5
1976	1,224.9	724.4	187.2	276.1	37.2
1977	1,077.3	589.0	137.9	295.1	55.3
1978	1,400.8	737.2	203.3	389.1	71.2
1979	1,784.9	934.6	229.3	544.1	76.9
1980	1,986.4	1,015.2	312.1	533.4	125.7
1981	1,925.0	945.1	392.4	459.8	127.7
1982	1,786.0	988.4	384.8	295.1	117.7
1983	1,697.6	902.1	404.4	285.0	106.1
1984	1,149.3	419.9	427.4	238.5	63.5
1985	787.6	365.6	293.1	67.5	61.4
1986	863.9	394.8	333.5	78.0	57.6

1955 TO 1986 (continued)  
U.S.dollars)

Total raw materials and intermediate goods	Raw materials				
	Feeding stuff for animals	Textile fiber not manufac- tured with thread yarn	Mineral fuels, lubricants and related matters	Chemical elements and compounds	Dyeing, tanning and coloring matter
285.8	1.3	3.5	53.8	8.3	6.4
281.0	1.9	19.9	59.8	13.7	6.4
339.2	2.6	21.7	75.7	20.1	6.6
551.0	8.1	40.2	118.9	36.7	8.8
559.9	8.1	48.8	141.2	39.9	10.6
593.2	11.0	45.8	148.8	48.2	11.9
818.2	13.3	60.3	187.6	75.4	16.1
1,847.7	26.2	88.7	653.4	216.1	28.3
1,758.9	25.3	77.6	769.9	153.6	25.3
1,863.6	29.5	80.3	890.7	141.8	26.4
2,201.3	46.6	86.7	993.2	160.0	29.0
2,514.1	47.9	101.2	1,030.2	203.3	38.2
3,289.3	42.1	112.7	1,385.2	249.3	42.4
4,314.8	80.8	106.9	2,248.4	267.0	38.8
4,366.8	81.1	113.1	2,458.1	298.0	42.8
4,169.9	111.4	98.6	2,104.7	259.4	46.7
4,079.9	80.8	95.7	2,122.7	266.6	42.5
3,104.2	92.1	67.6	1,648.6	237.6	32.7
2,738.3	47.0	75.2	1,442.9	219.3	27.8
2,535.6	87.1	92.2	869.3	272.1	44.4

Table 7.6- IMPORTS BY END USE: 1955 TO 1986 (continued)  
(F.O.B.value in million U.S.dollars)

Year	Intermediate goods									
	Medicinal and pharmaceutical products	Fertilizers, manu-factured products	Explosives and chemical products	Paper and paper board, manu-factured products	Textiles, fabrics and mineral made-up articles		Non-metallic mineral manu-factures	Base metals	Manufactures of metals	Others <sup>2</sup>
					Textiles, yarns, fabrics	Non-metallic mineral manu-factures				
1955	12.7	5.8	7.7	19.0	85.3	8.1	38.5	18.3	17.1	
1960	9.6	6.8	15.7	16.7	30.5	6.8	56.9	14.0	22.3	
1965	6.6	11.8	24.4	21.9	16.8	9.4	78.0	17.9	25.7	
1970	16.5	9.0	49.8	29.3	23.9	10.1	144.4	21.8	33.5	
1971	17.7	14.4	56.4	34.1	23.4	13.5	90.7	26.0	35.1	
1972	16.5	11.8	54.3	35.4	25.3	10.8	112.4	22.8	38.2	
1973	21.2	14.8	80.1	34.0	47.2	16.2	150.4	47.8	53.8	
1974	36.3	83.7	113.8	56.0	68.9	25.8	295.7	60.1	94.7	
1975	34.6	42.8	109.3	30.5	66.0	29.2	212.8	93.8	88.2	
1976	39.1	11.0	115.3	28.7	50.0	31.6	245.3	80.9	92.9	
1977	43.3	42.3	134.7	36.2	80.0	29.2	305.0	71.3	143.8	
1978	56.0	47.3	151.6	53.2	88.2	38.3	382.8	109.4	166.6	
1979	60.9	91.4	195.2	62.1	117.1	47.1	527.0	127.9	228.9	
1980	69.1	139.4	197.0	66.8	144.4	80.3	501.3	132.8	241.8	
1981	72.0	104.4	213.8	63.8	158.1	46.7	408.1	147.8	159.0	
1982	81.9	108.0	215.6	67.3	149.8	45.9	528.3	171.7	180.6	
1983	75.9	90.9	258.3	64.9	182.8	34.0	451.8	146.8	166.2	
1984	58.2	88.0	169.4	65.5	158.1	18.3	246.5	54.5	167.2	
1985	52.4	105.6	150.4	65.2	140.3	19.5	179.0	74.7	139.0	
1986	70.9	83.4	210.0	73.4	207.3	20.8	257.2	58.3	189.2	

<sup>1</sup>Consist of essential oils, perfume material, toilet, polishing and cleansing preparation, silver platinum gems and jewelry, travel goods, handbags and similar articles, clothing, footwear, miscellaneous manufactured articles, n.e.s., returned goods and special transactions and leather manufactures,n.e.s. and dressed furnitures.

<sup>2</sup>Composed of hides, skin and fur skins, undressed, oil seeds, oil nuts, and oil kernels; crude rubber including synthetic and reclaimed; wood, lumber and cork, pulp and scrap metals,crude fertilizer, mineral except coal,precious stones, metaliferous ores and chemicals,animal and vegetable crude material inedible n.e.s., mineral tar and crude from coal,petroleum and natural gas, live animals not for food, animal vegetable oil not essential rubber manufactures, wood and cork manufactures,prefabricated sanitary, plumbing, building, heating fixtures and fittings, and furniture and fixtures.

Source: National Census and Statistics Office.

Table 7.7 - PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES:  
 1905 TO 1986  
 (F.O.B. value in thousand U.S. dollars)

Year	Exports			Imports		
	Total	United States	Percent of total	Total	United States	Percent of total
1905	33,455	14,840	44.4	30,051	5,590	18.6
1910	40,628	17,242	42.4	49,719	20,069	40.4
1915	53,813	23,653	44.0	49,312	26,381	53.5
1920	151,124	105,216	69.6	149,438	92,290	61.8
1925	148,877	109,045	73.2	119,733	69,298	57.9
1930	133,117	105,342	79.1	123,093	78,783	64.0
1935	101,926	83,154	81.6	85,535	54,714	64.0
1940	155,925	129,154	82.8	134,731	105,187	78.1
1945	672	229	34.1	28,932	25,258	87.3
1950	332,700	240,120	72.2	356,180	255,121	71.6
1955	419,260	239,553	57.1	536,340	356,345	66.4
1960	535,440	284,103	53.1	624,520	255,301	40.9
1965	795,740	380,972	47.9	835,250	292,142	35.0
1970	1,142,190	491,331	43.0	1,159,300	357,758	30.9
1971	1,189,250	505,097	42.5	1,260,830	336,358	26.7
1972	1,168,430	496,466	42.5	1,333,600	360,433	27.0
1973	1,837,188	671,308	36.5	1,596,619	449,492	28.2
1974	2,724,989	1,151,467	42.3	3,143,260	730,692	23.2
1975	2,294,470	654,791	28.5	3,459,183	753,622	21.8
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	6,141,730	1,400,151	22.8
1980	5,787,787	1,576,404	27.2	7,726,912	1,784,815	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	1,699,138	22.2
1983	5,005,291	1,784,457	35.7	7,486,626	1,737,582	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

Note: Excludes Hawaii and Alaska.

Source: National Census and Statistics Office.

Table 7.8 - QUANTUM, PRICE AND VALUE INDICES, NET TERMS OF TRADE AND PURCHASING POWER OF EXPORTS: 1950 TO 1986  
(1972=100)

Period	Quantum Index		Price Index <sup>1</sup>		Value Index		Net terms of trade	Purchasing power of exports
	Imports	Exports	Imports	Exports	Imports	Exports		
1950	43.6	28.7	60.1	106.1	26.6	30.5	173.9	49.9
1955	68.5	40.5	61.9	88.6	42.4	35.9	143.1	58.0
1960	66.0	50.5	61.9	101.2	45.6	50.6	146.4	73.2
1965	80.3	69.2	78.1	100.0	62.7	69.2	128.0	88.6
1970	92.6	88.0	93.5	111.1	86.6	97.8	118.8	104.5
1971	99.1	96.4	95.5	105.6	94.6	101.8	110.6	106.6
1972	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1973	93.6	107.7	128.8	145.9	120.5	157.2	113.3	122.0
1974	110.3	96.2	211.6	242.3	233.5	233.2	114.5	110.1
1975	115.8	101.9	219.6	192.8	154.2	196.4	87.8	89.5
1976	122.6	130.5	217.2	168.8	266.2	220.3	77.7	101.4
1977	119.2	157.4	241.1	171.3	287.5	269.7	71.0	111.8
1978	140.9	152.6	245.8	193.7	346.3	293.1	78.8	120.2
1979	164.8	168.2	270.1	236.2	445.2	390.8	87.4	144.6
1980	155.8	201.3	358.6	246.0	558.5	495.4	68.6	138.1
1981	143.2	203.5	398.6	240.6	570.8	489.7	60.4	122.9
1982	163.4	215.0	340.5	199.9	556.3	429.7	58.7	126.2
1983	156.9	204.2	342.4	209.8	537.1	428.4	61.3	125.2
1984	111.9	199.4	386.7	231.4	432.8	461.4	59.8	119.2
1985	100.8	195.0	363.8	203.2	366.6	396.2	55.9	109.0
1986	167.9	233.4	216.3	177.5	363.2	414.4	82.1	191.6

<sup>1</sup>Unit values of imports are based on C.I.F. value while those for exports are based on F.O.B. value.

Source: National Census and Statistics Office.

Figure 7.2  
EXTERNAL TRADE EXPORTS: 1977 TO 1986

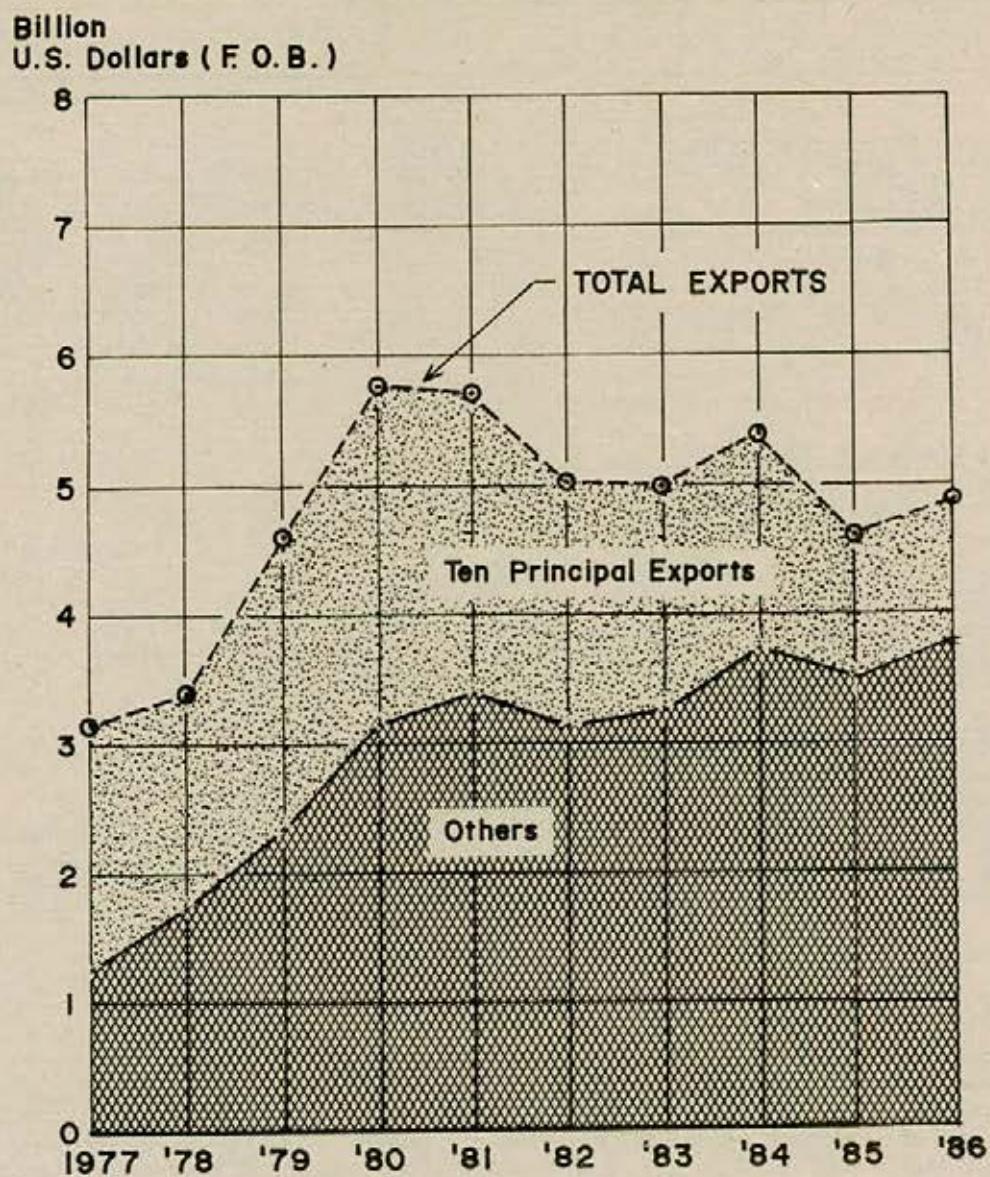


Table 7.9 - BALANCE OF PAYMENTS:  
(In million U.S.)

Item	1975	1976	1977	1978
<b>I. Current transactions</b>				
A. Merchandise trade	(1,165)	(1,060)	(764)	(1,307)
Exports	2,294	2,574	3,151	3,425
Imports	3,459	3,634	3,915	4,732
B. Non-merchandise trade	(45)	(259)	(248)	(107)
Inflow	907	871	1,085	1,484
Outflow	952	1,130	1,333	1,591
C. Transfer (donations,etc.)	318	269	260	312
Inflow	329	280	273	322
Outflow	11	11	13	10
Current net inflow, total	(892)	(1,050)	(752)	(1,102)
<b>II. Non-monetary capital</b>				
D. Long-term capital	357	1,040	662	891
Inflow	677	1,407	1,242	1,850
Outflow	320	367	580	959
E. Direct investments	125	144	216	100
Inflow	152	185	236	134
Outflow	27	41	20	34
F. Short-term capital, net <sup>1</sup>	70	(332)	(172)	(90)
Errors and omissions	(181)	37	210	115
Non-monetary capital, total	371	889	916	1,016
G. Monetization of gold	-	-	-	32
H. Allocation of SDRs	-	-	-	-
I. Revaluation Adjustments	-	-	-	-
<b>III. Overall surplus (deficit)<sup>3</sup></b>	<b>(521)</b>	<b>(161)</b>	<b>(164)</b>	<b>(54)</b>

<sup>a</sup> Based on the new concept of net international reserve computation under the 1983 IMF stand-by agreement.

<sup>1</sup> Represents the elimination of arrears for which no pesos were deposited with the CB as the payments of which were allowed by the CB through various issuances but were not effected because the obligors apparently did not have the necessary pesos. Under the IMF concept, external obligations considered in arrears are only those obligations which cannot be serviced solely due to a lack of available foreign exchange for settlements and not as a result of the obligors' lack of pesos to purchase foreign exchange.

<sup>2</sup> Adjusted for arrears.

<sup>3</sup> Unrevalued.

Source: Central Bank of the Philippines.

1975 TO 1986  
dollars)

1979	1980	1981	1982	1983	1984 <sup>2</sup>	1985 <sup>2</sup>	1986 <sup>2</sup>
(1,541)	(1,939)	(2,224)	(2,646)	(2,482)	(679)	(482)	(202)
4,601	5,788	5,722	5,021	5,005	5,391	4,629	4,842
6,142	7,727	7,946	7,667	7,487	6,070	5,111	5,044
(311)	(399)	(309)	(1,040)	(740)	(855)	26	783
1,655	2,222	2,896	2,983	3,127	2,619	3,288	3,791
1,966	2,621	3,205	4,023	3,867	3,474	3,262	3,008
355	434	472	486	472	236	379	441
369	451	485	498	483	237	388	445
14	17	13	12	11	1	9	4
(1,497)	(1,904)	(2,061)	(3,200)	(2,750)	(1,298)	(77)	1,022
1,151	1,032	1,332	1,548	1,392	539	2,787	815
2,110	1,579	2,072	2,533	2,336	1,308	3,962	2,545
959	547	740	985	944	769	1,175	1,730
20	(102)	175	17	112	(7)	(9)	114
146	119	248	194	255	121	124	186
126	221	73	177	143	128	133	72
(458)	310	(219)	(56)	(618)	623	(1,731)	(814)
145	126	(214)	(207)	(387)	251	638	(101)
858	1,366	1,074	1,302	499	1,406	1,685	14
41	128	400	277	183	150	221	279
28	29	27	-	-	-	-	-
-	-	-	-	-	-	560	(68)
(570)	(381)	(560)	(1,621) <sup>a</sup>	(2,068)	258	2,389	1,247

Figure 7.3  
EXTERNAL TRADE IMPORTS: 1976 TO 1986

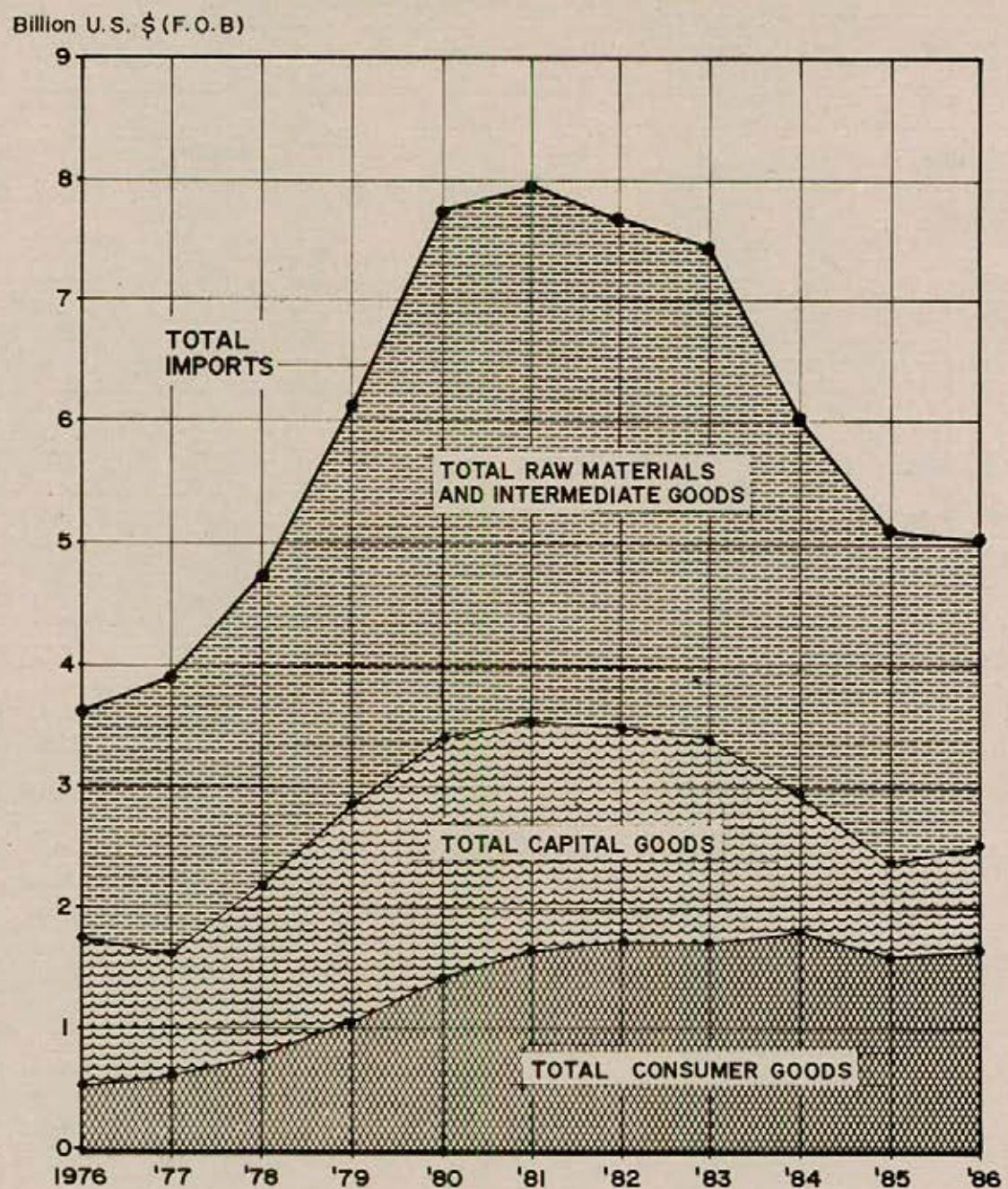
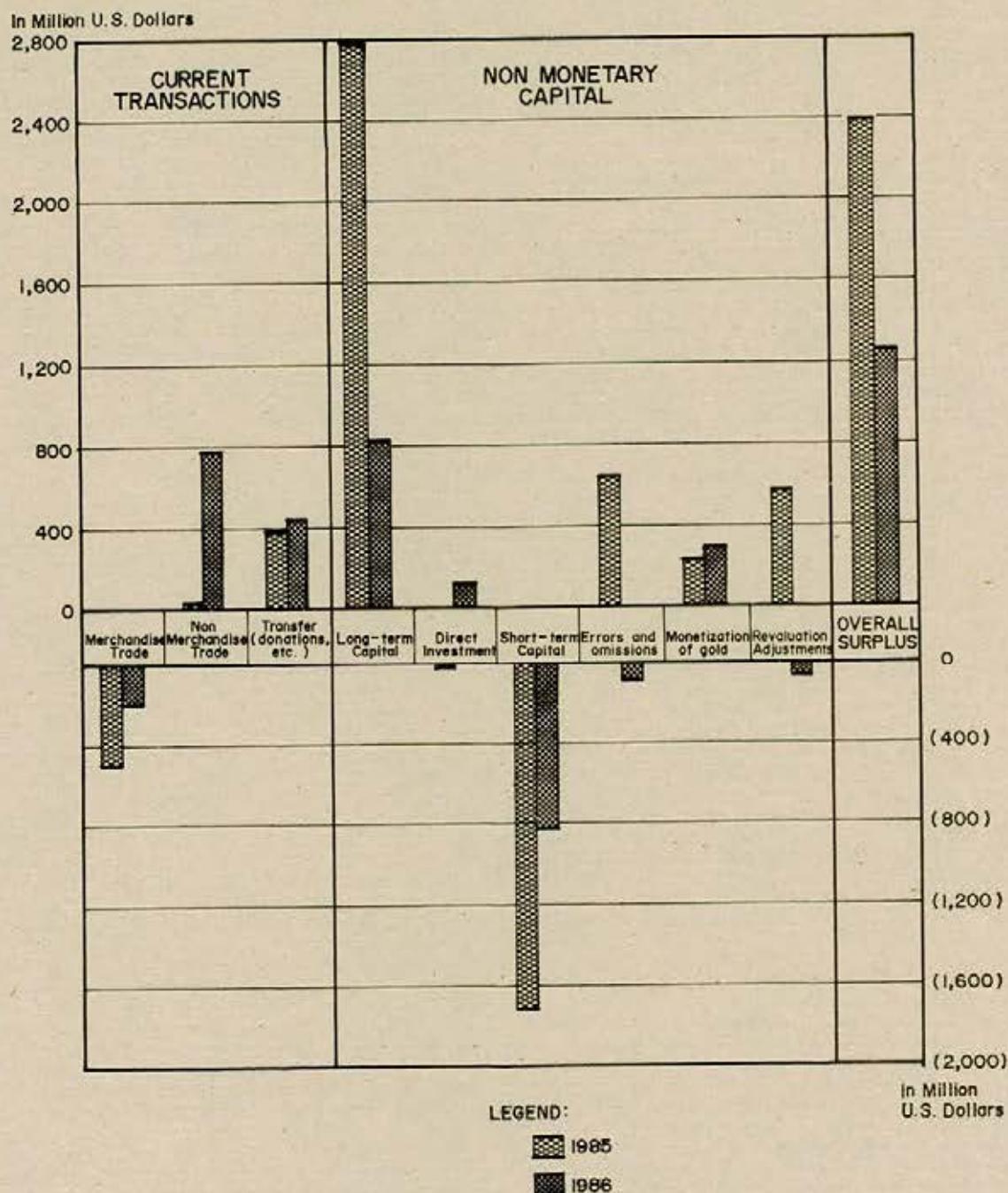


Figure 7.4  
BALANCE OF PAYMENTS: 1985 and 1986



## CHAPTER 8

### TOURISM

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## CHAPTER 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.

**Figure 8.1**  
NUMBER OF VISITOR ARRIVALS: 1970 to 1986

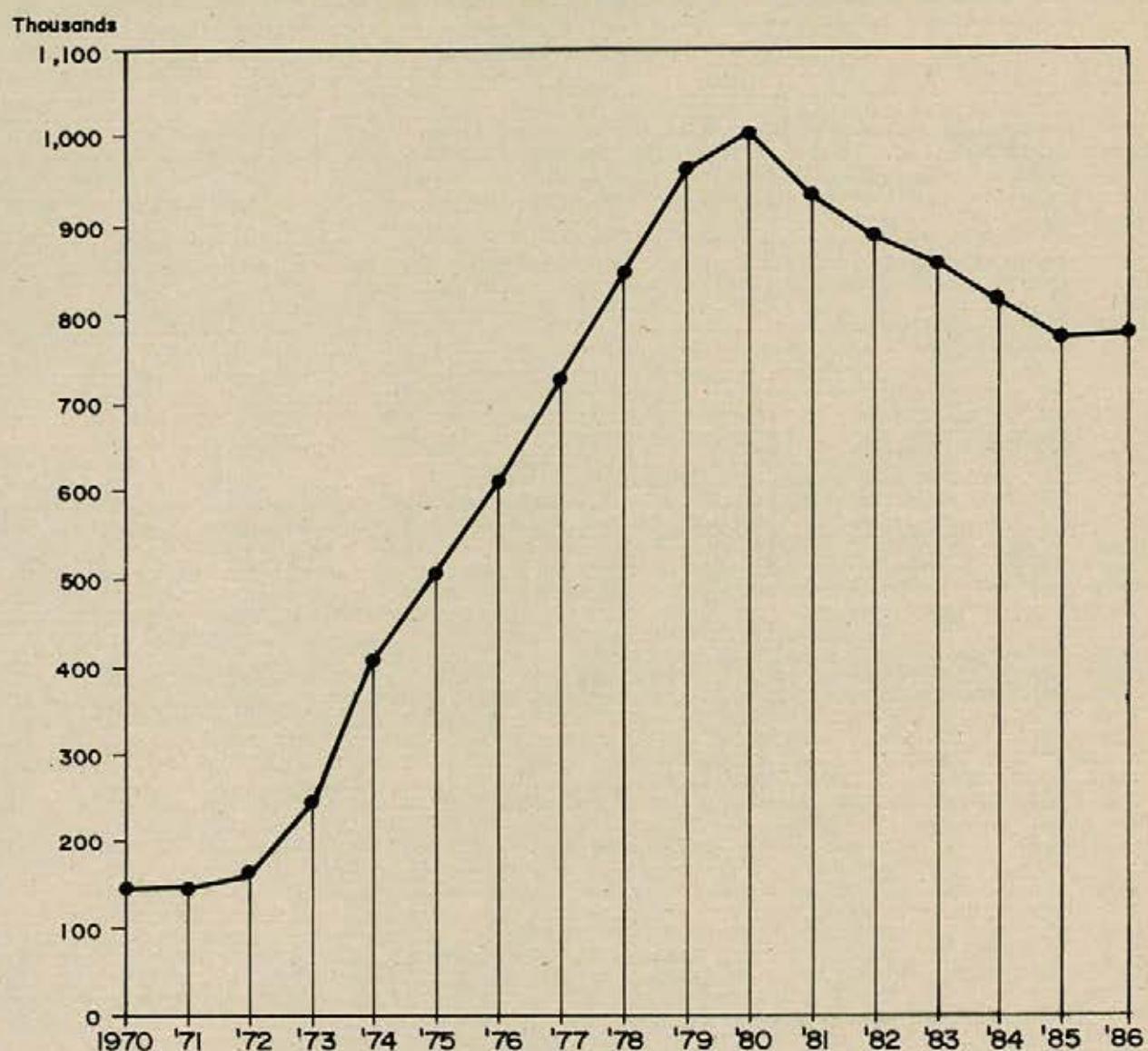


Table 8.1 - NUMBER OF VISITOR ARRIVALS

Year	Total		American		Australian	
	Number	Percent	Number	Percent	Number	Percent
1955	16,785	100.00	11,389	67.85	189	1.13
1960	50,657	100.00	23,627	46.64	4,139	8.17
1965	84,015	100.00	45,551	54.22	5,217	6.21
1970	144,071	100.00	69,476	48.22	12,388	8.60
1971	144,321	100.00	64,740	44.86	12,415	8.60
1972	166,431	100.00	62,583	37.60	12,891	7.75
1973	242,811	100.00	63,146	26.01	14,328	5.90
1974	410,138	100.00	54,489	13.29	20,245	4.94
1975	502,211	100.00	63,521	12.65	31,887	6.35
1976	615,159	100.00	93,007	15.12	36,076	5.86
1977	730,123	100.00	92,240	12.63	42,902	5.88
1978	859,396	100.00	121,521	14.14	50,124	5.83
1979	966,873	100.00	155,842	16.12	55,791	5.77
1980	1,008,159	100.00	166,522	16.52	68,339	6.78
1981	938,953	100.00	154,984	16.51	63,876	6.80
1982	890,807	100.00	172,167	19.33	61,801	6.94
1983	860,550	100.00	174,306	20.26	52,449	6.09
1984	816,712	100.00	185,529	22.72	48,257	5.91
1985	773,074	100.00	187,129	24.21	46,998	6.08
1986	781,517	100.00	194,413	24.90	45,048	5.80

## BY NATIONALITY: 1955 to 1986

British		Japanese		Overseas Filipinos	
Number	Percent	Number	Percent	Number	Percent
1,083	6.45	1,053	6.27	...	...
5,359	10.58	2,319	4.58	...	...
7,721	9.19	7,118	8.47	...	...
9,404	6.53	15,838	10.99	...	...
9,930	6.88	23,589	16.34	...	...
11,061	6.65	25,969	15.60	16,131	9.69
16,450	6.77	57,677	23.75	37,084	15.27
21,534	5.25	165,306	40.30	71,523	17.44
30,427	6.06	192,169	38.26	83,351	16.60
43,945	7.14	160,787	26.14	136,337	22.16
67,163	9.20	213,222	29.20	103,461	14.17
84,458	9.83	225,624	26.25	133,546	15.54
71,921	7.44	247,085	25.56	107,729	11.14
87,387	8.67	265,064	26.29	65,127	6.46
85,997	9.16	194,375	20.70	64,784	6.90
73,491	8.25	157,399	17.67	73,426	8.24
72,114	8.38	177,166	20.59	65,013	7.55
63,615	7.79	156,944	19.22	69,253	8.48
56,958	7.37	148,639	19.23	68,524	8.86
62,194	8.00	132,848	17.00	70,938	9.00

Table 8.1 - NUMBER OF VISITOR ARRIVALS

Year	Other Asians		Other Europeans	
	Number	Percent	Number	Percent
1955	1,322	7.88	1,242	7.40
1960	8,513	16.81	4,230	8.35
1965	6,627	7.89	7,249	8.63
1970	12,118	8.41	15,250	10.59
1971	13,371	9.26	13,080	9.06
1972	13,752	8.26	16,013	9.62
1973	28,588	11.77	17,952	7.39
1974	40,672	9.92	25,414	6.20
1975	53,789	10.71	31,297	6.23
1976	79,940	13.00	44,506	7.23
1977	125,727	17.22	58,148	7.96
1978	149,940	17.45	63,365	7.37
1979	171,119	17.70	87,396	9.04
1980	178,126	17.67	106,741	10.59
1981	185,196	19.72	109,826	11.70
1982	179,523	20.15	100,739	11.31
1983	158,325	18.40	94,690	11.00
1984	143,640	17.59	81,805	10.02
1985	127,582	16.50	73,733	9.54
1986	126,269	16.20	77,392	9.80

Source: Planning Service, Department of Tourism.

## BY NATIONALITY: 1955 to 1986 (continued)

Other Nationalities		Stateless	
Number	Percent	Number	Percent
498	2.97	9	0.05
2,360	4.66	110	0.22
4,514	5.37	18	0.02
9,569	6.64	28	0.02
7,171	4.97	25	0.02
8,022	4.82	9	0.01
7,559	3.11	27	0.01
10,904	2.66	51	0.01
15,698	3.13	72	0.01
20,365	3.31	196	0.03
27,055	3.71	205	0.03
30,407	3.54	411	0.05
69,753	7.21	237	0.02
70,652	7.01	201	0.02
79,738	8.49	177	0.02
72,136	8.10	125	0.01
66,361	7.71	126	0.01
67,523	8.27	146	0.02
63,387	8.20	124	0.02
72,320	9.30	95	0.00

Table 8.2 - DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1981			1982		
	Total	Air	Sea	Total	Air	Sea
Grand Total	939,484	905,040	34,444	890,807	859,133	31,674
Asia	355,275	343,886	11,389	315,314	304,793	10,521
East Asia	339,781	328,954	10,827	299,589	289,637	9,952
China (PROC)	3,052	819	2,233	3,582	690	2,892
Hongkong	92,694	92,359	335	75,968	75,767	201
Japan	193,146	186,704	6,442	159,918	155,141	4,777
Korea	12,305	10,875	1,430	13,707	11,843	1,864
Taiwan	38,584	38,197	387	46,414	46,196	218
South Asia	15,494	14,932	562	15,725	15,156	569
Bangladesh	1,011	956	55	783	749	34
India	10,328	10,175	153	10,846	10,628	218
Pakistan	3,114	2,793	321	2,964	2,701	263
Sri Lanka	1,041	1,008	33	1,132	1,078	54
Asean	89,068	87,676	1,392	80,690	79,367	1,323
Brunei	0	-	-	0	-	-
Indonesia	11,896	11,597	299	11,081	10,777	304
Malaysia	29,529	29,342	187	25,381	25,110	271
Singapore	35,172	34,587	585	34,004	33,472	532
Thailand	12,471	12,150	321	10,224	10,008	216
North America	194,879	191,174	3,705	194,549	190,307	4,242
Canada	20,542	20,363	179	16,922	16,873	49
U.S.A.	174,337	170,811	3,526	177,627	173,434	4,193
Western Europe	115,828	110,982	4,846	110,109	106,171	3,938
Austria	3,615	3,557	58	3,336	3,299	37
Belgium	2,905	2,881	24	2,424	2,417	7
Denmark	2,568	2,447	121	2,428	2,233	195
Finland	1,041	1,002	39	885	875	10
France	10,045	9,810	235	9,783	9,653	130
Germany	32,125	30,125	2,000	28,559	27,420	1,139
Greece	1,125	1,010	115	1,343	1,125	218
Iceland	560	552	8	615	611	4
Italy	9,006	8,680	326	8,738	8,626	112

## OF RESIDENCE AND MODE OF TRAVEL: 1981 to 1986

Country of Residence	1981			1982		
	Total	Air	Sea	Total	Air	Sea
Netherlands	5,462	5,048	414	5,239	5,136	103
Norway	1,809	1,626	183	1,908	1,587	321
Portugal	608	602	6	961	945	16
Spain	6,437	6,388	49	5,068	4,773	295
Sweden	4,530	4,511	19	4,175	4,139	36
Switzerland	11,620	11,566	54	10,790	10,778	12
United Kingdom	22,372	21,177	1,195	23,857	22,554	1,303
Oceania	77,042	71,400	5,642	76,994	73,951	3,043
Australia	63,902	58,681	5,221	63,601	60,753	2,848
Guam	8,363	8,363	-	9,468	9,468	-
New Zealand	4,777	4,356	421	3,925	3,730	195
Middle East	18,155	18,142	13	18,878	18,867	11
Iran	276	276	-	282	282	-
Israel	880	876	4	792	790	2
Lebanon	872	868	4	595	595	-
Saudi Arabia	15,287	15,285	2	16,425	16,417	8
Egypt	840	837	3	784	783	1
Latin America	7,701	7,591	110	3,466	3,455	11
Argentina	3,608	3,561	47	708	707	1
Brazil	777	740	37	888	884	4
Mexico	2,234	2,212	22	1,042	1,036	6
Venezuela	1,082	1,078	4	828	828	-
Eastern Europe	2,728	794	1,934	1,865	693	1,172
Poland	153	152	1	70	70	-
U.S.S.R.	2,211	286	1,925	1,374	216	1,156
Yugoslavia	364	356	8	421	407	14
Africa	1,164	1,159	5	1,041	1,040	1
South Africa	164	159	5	394	394	-
Nigeria	1,000	1,000	-	647	646	1
Others	57,764	57,376	388	77,179	76,843	336
Unspecified residence	19,880	14,860	5,020	10,722	3,646	7,076

Table 8.2 - DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1983			1984		
	Total	Air	Sea	Total	Air	Sea
Grand Total	1,464,914	1,133,574	331,340	1,180,572	968,107	212,465
Asia	325,064	311,527	13,537	297,796	288,112	9,684
East Asia	308,400	295,811	12,589	278,537	269,114	9,423
China (PROC)	3,026	946	2,080	2,104	918	1,186
Hongkong	70,378	70,101	277	63,317	61,396	1,921
Japan	178,783	172,370	6,413	161,083	158,186	2,897
Korea	13,268	10,497	2,771	11,622	8,457	3,165
Taiwan	42,945	41,897	1,048	40,411	40,157	254
South Asia	16,664	15,716	948	19,259	18,998	261
Bangladesh	902	873	29	902	882	20
India	11,165	10,637	528	11,565	11,412	153
Pakistan	3,353	3,148	205	5,677	5,622	55
Sri Lanka	1,244	1,058	186	1,115	1,082	33
Asean	65,129	63,354	1,775	57,648	56,326	1,322
Brunei	0	-	-	2,042	2,000	42
Indonesia	7,786	6,962	824	6,228	5,764	464
Malaysia	18,158	17,964	194	14,530	14,460	70
Singapore	27,460	26,857	603	22,338	21,770	568
Thailand	11,725	11,571	154	12,510	12,332	178
North America	200,799	196,545	4,254	214,588	209,092	5,496
Canada	15,915	15,757	158	17,251	16,781	470
U.S.A.	184,884	180,788	4,096	197,337	192,311	5,026
Western Europe	713,430	407,790	305,640	479,618	287,818	191,800
Austria	3,531	3,469	62	3,270	3,074	196
Belgium	2,954	2,928	26	2,711	2,685	26
Denmark	2,434	2,173	261	2,392	2,273	119
Finland	887	862	25	849	847	2
France	8,452	8,339	113	7,868	7,683	185
Germany	28,931	27,184	1,747	24,779	23,733	1,046
Greece	1,298	944	354	1,232	783	449
Iceland	592	560	32	541	533	8
Italy	8,323	8,221	102	7,059	6,884	175

## OF RESIDENCE AND MODE OF TRAVEL: 1981 to 1986 (continued)

Country of Residence	1983			1984		
	Total	Air	Sea	Total	Air	Sea
Netherlands	5,591	5,391	200	4,856	4,489	367
Norway	1,734	1,429	305	1,832	1,610	222
Portugal	1,124	1,113	11	747	745	2
Spain	3,955	3,790	165	2,214	2,207	7
Sweden	11,186	11,092	94	3,898	3,849	49
Switzerland	21,605	21,537	68	10,191	10,089	102
United Kingdom	2,605	-	2,605	22,216	20,576	1,640
Oceania	66,418	63,156	3,262	62,925	60,581	2,344
Australia	53,903	50,836	3,067	50,286	48,101	2,185
Guam	8,988	8,973	15	9,383	9,383	-
New Zealand	3,527	3,347	180	3,256	3,097	159
Middle East	20,238	20,196	42	22,891	22,843	48
Iran	289	250	39	304	271	33
Israel	4,090	4,090	-	2,882	2,880	2
Lebanon	727	727	-	687	687	-
Saudi Arabia	14,249	14,248	1	17,870	17,870	-
Egypt	883	881	2	1,148	1,135	13
Latin America	2,258	2,206	52	2,189	2,061	128
Argentina	392	392	-	358	357	1
Brazil	767	760	7	598	536	62
Mexico	861	847	14	1,065	1,000	65
Venezuela	238	207	31	168	168	-
Eastern Europe	1,220	592	628	1,696	524	1,172
Poland	77	76	1	87	69	18
U.S.S.R.	832	207	625	1,419	288	1,131
Yugoslavia	311	309	2	190	167	23
Africa	1,138	1,137	1	935	922	13
South Africa	672	672	-	608	596	12
Nigeria	466	465	1	327	326	1
Others	67,457	67,055	402	40,286	39,828	458
Unspecified residence	1,763	16	1,747	-	-	-

Table 8.2 - DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1985			1986		
	Total	Air	Sea	Total	Air	Sea
Grand Total	2,163,892	1,445,157	718,735	781,517	751,401	30,116
Asia	274,844	265,216	9,628	275,981	267,380	8,601
East Asia	256,231	246,866	9,365	259,090	250,789	8,301
China (PROC)	3,175	974	2,201	2,722	1,241	1,481
Hongkong	52,807	52,455	352	75,950	75,299	651
Japan	153,511	149,098	4,413	134,261	130,865	3,396
Korea	10,884	8,525	2,359	11,641	8,871	2,770
Taiwan	35,854	35,814	40	34,516	34,513	3
South Asia	18,613	18,350	263	16,891	16,591	300
Bangladesh	684	682	2	1,310	1,273	37
India	9,967	9,785	182	6,919	6,708	211
Pakistan	6,975	6,920	55	7,525	7,513	12
Sri Lanka	987	963	24	1,137	1,097	40
Asean	49,973	48,911	1,062	47,335	46,298	1,042
Brunei	2,161	2,125	36	2,043	2,042	6
Indonesia	6,020	5,534	486	6,330	5,756	574
Malaysia	14,584	14,428	156	12,839	12,580	259
Singapore	17,488	17,174	314	17,739	17,658	81
Thailand	9,720	9,650	70	8,384	8,262	122
North America	216,166	207,028	9,138	221,171	210,101	11,170
Canada	17,305	17,022	283	18,703	18,110	593
U.S.A.	198,861	190,006	8,855	202,568	191,991	10,577
western Europe	1,479,437	786,023	693,414	90,647	86,276	4,661
Austria	2,959	2,904	55	3,097	2,980	117
Belgium	2,040	2,023	17	1,980	1,913	67
Denmark	2,109	2,060	49	2,336	2,250	86
Finland	742	740	2	780	750	30
France	7,779	7,613	166	8,084	8,038	46
Germany	23,270	21,879	1,391	24,554	22,335	2,219
Greece	755	427	328	750	474	276
Iceland	534	530	4	868	820	48
Italy	5,509	5,493	16	5,504	5,450	54

Source: Planning Service, Department of Tourism.

## OF RESIDENCE AND MODE OF TRAVEL: 1981 to 1986 (continued)

Country of Residence	1985			1986		
	Total	Air	Sea	Total	Air	Sea
Netherlands	4,415	4,265	150	4,789	4,553	236
Norway	1,669	1,534	135	2,075	1,798	277
Portugal	623	621	2	174	159	15
Spain	1,950	1,887	63	1,511	1,464	47
Sweden	4,056	4,040	16	4,955	4,899	56
Switzerland	9,612	9,388	224	8,938	8,873	65
United Kingdom	20,600	19,212	1,388	20,542	19,520	1,022
 Oceania						
Australia	60,444	56,120	4,324	58,063	55,287	3,026
Guam	48,949	44,837	4,112	45,769	42,903	2,866
New Zealand	8,812	8,812	-	9,914	9,914	-
	2,683	2,471	212	2,630	2,470	160
 Middle East						
Iran	21,983	21,983	-	24,352	24,352	-
Israel	356	356	-	282	282	-
Lebanon	2,576	2,576	-	2,686	2,686	-
Saudi Arabia	445	445	-	380	380	-
Egypt	17,645	17,645	-	20,041	20,041	-
	961	961	-	963	963	-
 Latin America						
Argentina	1,784	1,633	151	1,806	1,591	215
Brazil	430	414	16	840	733	107
Mexico	595	560	35	526	481	45
Venezuela	619	519	100	345	287	58
	140	140	-	95	90	5
 Eastern Europe						
Poland	1,105	449	656	1,621	616	1,005
U.S.S.R.	53	50	3	76	76	-
Yugoslavia	898	246	652	1,190	280	910
	154	153	1	355	260	95
 Africa						
South Africa	662	662	-	476	474	-
Nigeria	285	285	-	158	158	-
	377	377	-	318	318	-
Others	21,884	21,522	362	22,422	22,026	396
Unspecified residence	35,610	35,610	-	37,000	37,000	-

Table 8.3 - DISTRIBUTION OF AIR VISITOR ARRIVALS

Year/Travel Market	Total	Age		
		Under 10	10-19	20-29
1980	964,362	35,333	36,494	190,227
1981	904,559	37,736	37,219	177,577
1982	859,133	39,429	36,453	161,473
1983	828,680	37,675	34,146	153,982
1984	791,452	41,447	33,655	146,080
1985	743,747	37,125	30,905	136,966
1986	751,401	43,188	32,147	139,286
Asean	46,292	1,575	1,587	8,418
Brunei	2,042	116	70	481
Indonesia	5,785	238	364	815
Malaysia	12,759	465	433	2,703
Singapore	17,419	526	436	2,993
Thailand	8,287	230	284	1,426
Australia	43,841	2,268	1,725	7,034
Hong Kong	74,249	2,838	3,285	25,443
Japan	130,865	2,353	3,043	28,805
North America	210,101	17,994	13,635	26,061
Canada	18,110	1,607	1,217	2,372
U.S.A.	192,191	16,587	12,418	23,689
Taiwan	34,513	716	1,049	5,178
Western Europe	86,276	3,616	2,402	17,549
France	8,038	183	224	1,731
W. Germany	22,335	1,066	465	3,804
Italy	5,450	159	138	893
Spain	1,464	59	57	206
Switzerland	8,873	254	147	2,557
United Kingdom	19,514	1,091	824	3,685
Other W. Europe	20,602	804	547	4,673
Others & Unspecified Residences	125,264	5,914	5,421	20,798

Source: Planning Service, Department of Tourism.

## BY MAJOR TRAVEL MARKET AND AGE GROUP : 1980 - 1986

Group				
30-39	40-49	50-59	60 & above	Not reported
264,111	197,577	136,837	87,669	16,114
245,155	182,465	124,365	84,346	15,696
235,674	175,287	116,340	79,760	14,717
225,403	172,363	110,170	76,858	18,083
215,788	162,993	100,250	71,085	20,154
198,574	151,831	92,549	67,215	28,582
199,477	154,514	89,583	63,719	35,401
16,349	10,909	4,248	1,268	1,938
711	387	107	51	119
1,590	1,567	845	224	142
4,772	2,611	806	482	487
6,507	4,296	1,637	243	781
2,769	2,048	853	268	409
11,232	10,911	5,904	3,449	1,318
22,760	9,973	5,824	2,679	1,447
40,727	29,511	16,004	7,606	2,816
46,137	45,033	28,212	27,505	5,524
4,257	3,839	2,081	2,208	529
41,880	41,194	26,131	25,297	4,995
9,854	6,344	5,965	4,709	698
24,307	20,867	10,443	4,975	2,117
2,562	1,737	839	484	278
6,225	6,302	2,686	1,279	508
1,525	1,346	806	422	161
371	343	220	163	45
2,393	1,835	1,011	474	202
5,520	4,451	2,499	993	451
5,711	4,853	2,382	1,160	472
28,111	20,966	12,983	11,528	19,543

Table 8.4 - DISTRIBUTION OF AIR VISITOR ARRIVALS

Year/Travel Market	Total	P u r p o s e	
		Holiday	Business
1980	964,362	707,591	116,144
1981	904,559	648,684	112,948
1982	859,133	605,061	116,050
1983	828,680	566,419	111,425
1984	751,401	507,292	91,545
1985	743,747	511,654	87,500
1986	751,401	507,292	91,545
Asean	46,292	26,431	8,794
Brunei	2,042	1,436	223
Indonesia	5,750	2,425	751
Malaysia	12,580	8,527	1,578
Singapore	17,658	10,657	5,045
Thailand	8,262	3,386	1,197
Australia	42,903	33,850	5,495
Hong Kong	75,299	58,695	10,447
Japan	130,865	106,945	14,368
North America	210,101	121,443	22,626
Canada	18,027	13,621	1,366
U.S.A.	192,074	107,822	21,260
Taiwan	34,513	27,740	3,516
Western Europe	86,274	62,448	14,448
France	8,030	5,785	1,282
W. Germany	22,335	17,292	3,125
Italy	5,450	3,764	881
Spain	1,464	977	220
Switzerland	8,873	7,454	762
United Kingdom	19,520	12,927	4,317
Other W. Europe	20,602	14,249	3,861
Others & Unspecified Residences	125,154	69,740	11,851

Source: Planning Service, Department of Tourism.

## BY MAJOR TRAVEL MARKET AND PURPOSE OF TRAVEL: 1980 to 1986

o f Travel				
Official Mission	Convention	Health	Others	Not Reported
22,960	19,438	4,389	55,786	38,054
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
19,123	9,009	4,739	60,489	59,204
19,565	7,828	5,154	54,860	57,186
19,123	9,009	4,739	60,489	59,204
=====	=====	=====	=====	=====
3,477	1,829	81	3,427	2,253
173	66	1	80	63
883	305	24	919	443
526	542	26	847	534
431	437	18	547	523
1,464	479	12	1,034	690
403	609	70	1,460	1,016
209	408	85	828	4,627
2,009	656	93	2,107	4,687
6,411	2,623	2,686	37,329	16,983
164	201	192	1,641	842
6,247	2,422	2,494	35,688	16,141
261	149	7	683	2,157
1,502	1,095	205	2,549	4,027
161	105	12	288	397
345	167	53	501	852
130	69	30	259	317
60	32	6	57	112
187	66	43	127	234
222	218	20	725	1,091
397	438	41	592	1,024
4,851	1,640	1,512	12,106	23,454

Table 8.5 - ESTIMATED TOURIST RECEIPTS: 1970 TO 1986

Year	Number of visitor arrivals <sup>1</sup> (actual)	Average length of stay <sup>2</sup> (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

<sup>1</sup>Starting 1972, data include figures on arriving Filipinos permanently residing abroad.

<sup>2</sup>The figures for 1970-1979 were based on the results of the Visitor Sample Survey while the figures for 1980-1986 were computed from the Arrival/Departure Cards.

Source: Planning Service, Department of Tourism, except for figures on total tourist receipts which were obtained from the Central Bank of the Philippines.

Table 8.6 - AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1978 to 1986

Year	Total	Hotel Category				
		5-Star	4-Star	3-Star	2-Star	1-Star
<b>Average number of rooms</b>						
1978	10,763	6,467	1,691	1,322	720	563
1979	10,572	6,461	1,582	1,305	688	536
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
<b>Average occupancy rate</b>						
1978	61	62	56	61	56	66
1979	67	71	59	69	53	60
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

Source: Planning Service, Department of Tourism.

# CHAPTER 9

## VITAL, HEALTH, AND NUTRITION STATISTICS

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## CHAPTER 9

### VITAL, HEALTH, AND NUTRITION STATISTICS

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

Statistics on births and deaths are compiled by the Health Intelligence Service (HIS) of the Department of Health and the National Census and Statistics Office (NCSO). 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, age, and sex by region, maternal mortality by main causes and by region, and notifiable diseases by age and sex.

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

Also compiled by the NCSO are data on marriages showing tabulations by month and by place of occurrence, classified by age and by previous marital status of bride and groom and by type of ceremony. These vital statistics are published in the NCSO annual publication, the Vital Statistics Report and the quarterly 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 NCSO.

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 and the Bureau of Quarantine. Such important characteristics as the number of hospitals and hospital beds by type of institution, etc., are compiled by these bureaus by province and by health region.

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

Table 9.1 - NUMBER OF REGISTERED MARRIAGES  
(Rates per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1		Region 2	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	143,048	5.2	a	-	11,460	4.7	4,964	4.1
1965	184,268	5.8	a	-	16,397	6.0	7,311	5.1
1970	255,873	6.9	a	-	20,111	6.7	9,707	5.7
1971	252,731	6.7	a	-	21,800	7.1	10,000	5.7
1972	248,261	6.4	a	-	21,008	6.7	11,143	6.2
1973	263,338	6.6	a	-	21,490	6.8	9,947	5.4
1974	287,984	7.0	a	-	21,485	6.6	11,429	6.1
1975	299,514	7.1	a	-	22,323	6.7	13,304	6.9
1976	303,988	7.0	47,456	9.0	24,563	7.2	12,940	6.5
1977	324,466	7.3	51,661	9.0	24,954	7.2	14,976	7.2
1978	340,108	7.5	55,850	9.9	26,128	7.6	15,051	7.2
1979	360,888	7.7	57,751	10.0	26,082	7.5	17,591	8.1
1980	354,300	7.3	59,708	10.0	26,663	7.5	16,058	7.2
1981	349,742	7.0	60,338	9.8	27,162	7.5	16,121	7.0
1982	351,819	6.9	62,585	9.9	27,256	7.4	16,915	7.2
1983	351,663	6.8	61,790	9.4	27,307	7.3	15,198	6.3
1984	380,171	7.1	64,570	9.6	27,321	7.1	16,275	6.6

<sup>a</sup>Included in Region 4.

<sup>b</sup>Including Metropolitan Manila Area (NCR).

Source: National Census and Statistics Office.

AND RATES BY REGION: 1960 to 1984  
 1,000 population)

Region 3		Region 4		Region 5		Region 6		Region 7	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
15,295	5.9	36,963 <sup>b</sup>	6.6	10,380	4.4	14,341	4.6	16,686	6.6
22,441	7.2	51,171 <sup>b</sup>	7.5	13,980	5.2	15,373	4.6	16,813	6.0
30,542	8.2	78,928 <sup>b</sup>	9.4	16,828	5.6	21,776	6.0	20,912	6.9
31,563	8.2	71,893 <sup>b</sup>	8.3	16,384	5.4	23,095	6.3	21,425	6.9
30,754	7.7	71,826 <sup>b</sup>	8.0	15,137	4.9	22,352	6.0	20,542	6.5
31,621	7.7	74,223 <sup>b</sup>	8.0	20,307	6.5	23,940	6.3	21,280	6.6
33,078	7.8	76,495 <sup>b</sup>	7.9	22,495	7.1	25,936	6.8	25,574	7.8
37,020	8.5	83,676 <sup>b</sup>	8.3	21,707	6.8	26,633	6.4	25,391	7.5
36,480	7.9	40,638	8.1	20,696	6.2	27,567	6.9	24,922	7.2
39,478	8.3	44,493	8.6	21,312	6.3	26,468	6.5	25,256	7.1
41,771	9.1	46,830	8.3	21,987	6.6	27,976	6.2	26,231	7.2
45,618	9.7	47,338	7.9	24,865	7.3	29,592	6.6	28,944	7.8
43,231	9.0	47,862	7.8	21,827	6.3	29,818	6.6	27,670	7.3
43,457	8.5	47,425	7.5	20,504	6.1	29,977	6.4	26,469	6.8
44,820	8.8	47,140	7.2	18,600	5.1	30,374	6.4	26,841	6.8
45,385	8.7	49,004	7.3	19,062	5.1	28,939	5.9	24,667	6.1
45,878	8.6	52,976	7.7	22,336	5.8	31,317	6.3	28,405	6.9

Table 9.1 - NUMBER OF MARRIAGES AND RATES BY REGION: 1960 TO 1984 (Continued)  
 (Rates per 1,000 population)

Year	Region 8		Region 9		Region 10		Region 11		Region 12	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	9,455	4.6	4,512	3.3	8,091	6.1	6,089	4.4	4,812	3.4
1965	10,831	4.9	6,142	3.8	8,539	5.3	8,384	4.8	6,886	4.2
1970	12,899	5.4	8,349	4.4	13,733	7.0	15,370	7.0	6,718	3.4
1971	12,510	5.2	8,969	4.6	13,509	6.6	15,798	6.8	5,785	2.9
1972	10,521	4.3	8,361	4.2	13,080	6.2	17,204	7.1	6,333	3.0
1973	13,121	5.3	8,432	4.1	14,544	6.6	18,297	7.2	6,136	2.8
1974	17,558	7.1	8,987	4.2	16,014	6.9	22,166	8.3	6,767	3.0
1975	15,046	5.8	9,738	4.8	15,174	6.6	22,063	8.1	7,439	3.6
1976	13,693	5.3	9,058	3.9	15,859	6.2	22,295	7.5	7,821	3.2
1977	15,111	5.8	11,310	4.7	17,183	6.4	23,277	7.4	8,987	3.5
1978	14,472	5.3	10,494	4.8	18,742	7.4	24,777	8.2	9,799	4.5
1979	15,706	5.7	12,173	5.0	19,321	7.2	26,680	8.2	9,227	4.1
1980	14,400	5.1	12,132	4.8	1,932	7.1	25,601	7.6	9,698	4.3
1981	13,309	4.7	12,248	4.7	18,076	6.3	25,013	6.8	9,643	4.1
1982	12,798	4.4	10,898	4.1	18,806	6.4	25,148	7.1	9,638	4.0
1983	13,622	4.6	12,021	4.4	19,386	6.4	25,685	7.0	9,597	3.9
1984	16,312	5.4	13,949	5.0	21,815	7.0	27,948	7.5	11,070	4.4

Table 9.2 - LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR,  
MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES: 1950 to 1984

Year	Births		Total Deaths		Deaths under 1 year		Maternal deaths		Foetal deaths	
	Number	Crude rate <sup>1</sup>	Number	Crude rate	Number	Rate <sup>2</sup>	Number	Rate <sup>2</sup>	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	...	...	...	...	...	...	...	...

<sup>1</sup>Per 1,000 Population.

<sup>2</sup>Per 1,000 live births.

Source: Health Intelligence Service, Department of Health, CY 1950-55.

National Census and Statistics Office, CY 1960-1984.

Table 9.3 - NUMBER OF REGISTERED LIVE BIRTHS  
( Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
			a	-	81,079	38.0
1950	642,472	31.7	a	-	81,974	34.6
1955	737,761	31.2	a	-	77,102	31.5
1960	649,651	23.7	a	-	84,347	31.0
1965	795,415	25.0	a	-	94,644	31.5
1970	966,762	26.2	a	-	97,234	31.8
1971	963,749	25.5	a	-	96,026	30.8
1972	968,385	24.9	a	-	97,723	30.8
1973	1,049,290	26.3	a	-	95,964	29.7
1974	1,081,073	26.3	a	-	100,606	30.6
1975	1,223,837	29.1	a	-	107,745	32.3
1976	1,314,860	30.1	181,590	33.6	108,433	32.0
1977	1,344,836	30.3	198,018	36.3	118,154	34.3
1978	1,387,588	30.5	194,605	34.4	113,838	32.5
1979	1,429,814	30.3	210,395	36.5	115,920	32.8
1980	1,456,860	30.3	217,612	36.9	119,083	33.0
1981	1,461,204	29.5	221,533	36.1	119,972	32.6
1982	1,474,491	29.0	221,564	34.9	120,325	32.0
1983	1,506,356	28.9	224,058	34.3	119,663	31.3
1984	1,475,844	27.7	225,795	33.5		

<sup>a</sup> Included in Region 4.

<sup>b</sup> Including Metropolitan Manila Area (NCR).

Source: National Census and Statistics Office.

AND RATE BY REGION: 1950 to 1984  
 1,000 population)

Region 2		Region 3		Region 4		Region 5	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
31,149	43.4	67,078	34.3	146,266 <sup>b</sup>	37.7	62,124	35.2
37,543	43.1	80,699	35.7	182,805 <sup>b</sup>	39.3	63,303	30.7
33,564	27.6	77,157	29.7	200,647 <sup>b</sup>	35.9	50,996	21.4
37,178	25.8	91,103	29.1	250,038 <sup>b</sup>	36.6	63,617	23.8
48,590	28.6	113,881	30.5	288,997 <sup>b</sup>	34.6	74,048	24.8
51,093	29.4	113,008	29.3	290,958 <sup>b</sup>	33.6	71,918	23.8
51,105	28.7	115,311	29.0	290,100 <sup>b</sup>	32.3	76,801	25.0
55,679	30.5	120,072	29.3	303,370 <sup>b</sup>	32.6	87,206	27.9
55,385	29.6	121,159	28.6	301,081 <sup>b</sup>	31.3	88,882	28.0
64,128	33.2	138,770	31.7	318,680 <sup>b</sup>	31.8	103,702	32.5
67,594	32.9	150,245	33.4	174,543	35.5	107,701	33.1
68,068	33.4	141,714	31.7	175,847	31.9	105,418	31.7
80,474	38.5	148,030	32.2	181,915	32.2	105,037	31.6
72,424	33.3	151,852	32.3	188,072	31.5	111,814	32.6
71,581	32.5	157,470	32.9	192,888	31.7	111,988	32.2
70,903	31.1	157,332	31.8	197,310	31.1	109,429	30.7
73,672	31.5	157,160	31.0	199,143	30.6	108,204	29.6
73,429	30.6	161,370	31.1	202,665	30.2	108,497	29.0
70,866	28.8	159,837	30.0	205,125	29.8	105,697	27.6

Table 9.3 - NUMBER OF REGISTERED LIVE BIRTHS  
( Rate per

Year	Region 6		Region 7		Region 8	
	Number	Rate	Number	Rate	Number	Rate
1950	58,973	22.5	75,896	34.8	55,139	30.4
1955	65,920	23.0	77,172	32.6	54,808	28.3
1960	34,574	11.2	62,131	24.5	21,705	10.6
1965	45,026	13.4	77,261	27.7	31,900	14.4
1970	52,321	14.4	91,062	29.9	39,103	16.3
1971	55,337	15.0	92,216	29.7	37,028	15.3
1972	56,257	15.1	88,584	28.0	34,542	14.2
1973	65,977	17.5	94,244	29.2	41,208	16.7
1974	76,441	20.0	93,359	28.4	46,150	18.6
1975	99,771	24.1	104,699	30.9	52,397	20.2
1976	107,022	25.0	108,395	31.2	55,036	19.8
1977	107,773	24.7	108,053	30.5	55,885	20.8
1978	102,213	22.9	111,147	30.7	55,266	20.6
1979	110,124	24.7	112,925	30.3	58,227	21.0
1980	112,200	24.8	114,054	30.2	57,887	20.7
1981	114,966	24.8	114,804	29.6	56,929	19.9
1982	118,416	24.9	117,621	29.8	57,804	19.9
1983	117,466	24.1	119,703	29.7	60,278	20.3
1984	105,842	21.3	113,726	21.3	58,211	19.3

AND RATE BY REGION: 1950 to 1984 (continued)  
 1,000 population)

Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
10,987	13.0	28,746	29.7	15,907	29.6	9,128	10.3
16,070	15.0	34,241	30.7	27,323	31.7	15,903	12.9
13,388	9.8	29,179	22.2	31,395	22.8	17,813	12.7
17,949	11.2	37,143	23.2	35,485	20.3	24,368	14.7
24,208	12.9	47,619	24.3	68,277	30.9	24,012	12.3
23,984	12.4	48,229	23.6	61,861	26.7	20,883	10.4
21,355	10.6	49,500	23.3	67,946	28.0	20,858	10.0
23,861	11.5	56,499	25.5	78,440	30.9	25,011	11.6
29,779	13.9	63,372	27.5	82,546	31.0	26,955	12.1
37,388	18.3	74,506	32.2	95,523	35.2	33,667	16.3
39,818	18.8	76,845	31.1	100,946	35.7	37,380	17.6
47,668	22.2	82,388	33.5	105,781	36.1	39,790	18.5
50,053	22.9	88,952	35.2	108,232	35.8	43,510	19.9
55,962	22.8	89,107	33.1	111,146	34.3	43,928	19.3
55,283	21.9	91,125	33.1	114,093	34.2	44,759	19.8
52,254	20.1	87,583	30.6	113,821	32.7	45,257	19.5
50,243	18.8	88,754	30.3	115,822	32.6	46,116	19.2
56,912	20.8	92,689	30.8	120,565	33.1	48,399	19.6
57,127	20.4	89,715	29.0	115,618	30.9	48,622	19.2

Table 9.4 - NUMBER OF REGISTERED DEATHS  
(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
1950	226,505	11.2	a	-	26,703	1.2
1955	212,798	9.0	a	-	22,873	9.6
1960	186,544	7.2	a	-	20,709	8.5
1965	234,935	7.4	a	-	24,022	8.8
1970	234,038	6.4	a	-	22,441	7.5
1971	250,209	6.6	a	-	24,246	7.9
1972	285,761	7.3	a	-	27,260	8.8
1973	282,140	7.1	a	-	26,334	8.3
1974	283,975	6.9	a	-	26,267	8.1
1975	271,136	6.4	a	-	25,008	7.6
1976	299,861	6.9	42,003	7.8	24,972	7.5
1977	308,904	2.0	49,770	9.1	25,876	7.6
1978	297,034	6.5	40,468	7.2	25,602	7.4
1979	306,427	6.5	42,888	7.4	26,718	7.6
1980	298,006	6.2	42,277	7.2	25,869	7.3
1981	301,117	6.1	42,560	6.9	26,503	7.3
1982	308,758	6.1	44,833	7.1	27,378	7.4
1983	327,260	6.3	45,897	7.0	28,063	7.5

<sup>a</sup> Included in Region 4.

<sup>b</sup> Including Metropolitan Manila Area (NCR).

Source: National Census and Statistics Office.

AND RATE BY REGION: 1950 to 1983  
 1,000 population)

Region 2		Region 3		Region 4		Region 5	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
10,719	14.9	26,057	13.3	45,507 <sup>b</sup>	11.7	19,892	11.3
11,333	13.0	21,652	9.6	42,403 <sup>b</sup>	9.1	18,713	9.1
12,174	10.0	10,291	7.8	47,543 <sup>b</sup>	8.5	18,476	7.7
12,847	8.9	23,468	7.5	56,240 <sup>b</sup>	8.2	21,075	7.9
11,211	6.6	23,163	6.2	61,235 <sup>b</sup>	7.8	19,507	6.5
12,491	7.2	24,091	6.2	66,831 <sup>b</sup>	7.7	22,314	7.4
14,606	8.2	28,260	7.1	76,256 <sup>b</sup>	8.5	24,108	7.8
15,768	8.6	26,831	6.5	67,964 <sup>b</sup>	7.3	27,978	9.0
15,403	8.2	26,830	6.3	71,416 <sup>b</sup>	7.4	24,702	7.8
14,234	7.4	26,647	6.1	68,239 <sup>b</sup>	6.8	23,311	7.3
14,936	7.3	27,068	6.2	38,385	7.8	25,551	7.9
14,181	7.0	28,190	6.3	38,408	7.0	26,738	8.1
15,151	7.2	27,580	6.0	37,949	6.7	26,114	7.8
15,675	7.2	28,705	6.1	39,898	6.7	25,742	7.5
15,336	7.0	27,901	5.8	37,805	6.2	24,991	7.2
15,321	6.7	28,092	5.7	39,263	6.2	26,016	7.3
15,435	6.6	28,948	5.7	40,927	6.3	26,015	7.1
15,888	6.6	30,504	5.9	43,164	6.4	27,225	7.3

Table 9.4 - NUMBER OF REGISTERED DEATHS  
(Rate per

Year	Region 6		Region 7		Region 8	
	Number	Rate	Number	Rate	Number	Rate
1950	27,284	10.4	27,205	12.5	20,703	11.4
1955	25,506	8.9	26,296	11.1	20,167	10.4
1960	19,701	6.4	20,414	8.0	13,490	6.6
1965	22,223	6.6	26,799	9.6	17,609	7.9
1970	23,084	6.4	23,327	7.7	15,751	6.6
1971	25,222	6.9	23,583	7.6	17,978	7.4
1972	28,973	7.8	28,113	8.9	19,020	7.8
1973	28,461	7.5	29,418	9.1	19,726	8.0
1974	29,283	7.7	28,055	8.5	19,511	7.9
1975	27,587	6.7	26,153	7.7	18,844	7.2
1976	31,412	7.4	27,646	7.9	20,280	7.3
1977	31,209	7.1	29,309	8.3	20,681	7.7
1978	30,912	6.9	26,911	7.6	19,784	7.3
1979	31,589	7.1	28,100	7.5	20,334	7.3
1980	31,378	6.9	26,872	7.1	19,073	6.8
1981	30,697	6.6	26,890	6.9	18,730	6.5
1982	31,831	6.7	26,373	6.7	19,187	6.6
1983	33,779	6.9	30,682	7.6	18,958	6.4

AND RATE BY REGION: 1950 TO 1983 (continued)  
 1,000 population)

Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
4,140	5.0	11,532	11.9	3,768	7.0	2,995	3.4
4,752	4.4	11,149	10.0	4,304	5.6	3,650	3.0
4,010	2.9	9,995	7.6	5,532	4.0	4,209	3.0
5,997	3.7	11,158	7.0	7,842	4.5	5,655	3.4
6,755	6.6	11,726	6.0	11,087	5.0	4,751	2.4
6,435	3.3	11,707	5.7	10,852	4.7	4,459	2.2
7,412	3.7	13,952	6.6	13,371	5.5	4,430	2.1
6,661	3.9	14,041	6.3	12,231	4.8	6,727	3.1
8,036	3.8	13,773	6.0	14,918	5.6	5,781	2.6
9,544	4.7	13,163	5.7	12,924	4.8	5,482	2.6
10,524	5.0	15,504	6.5	14,868	5.3	6,712	3.2
8,892	4.2	14,376	5.8	15,062	5.1	6,212	2.9
9,702	4.4	14,835	5.9	15,548	5.1	6,478	3.0
9,798	4.0	14,586	5.4	16,283	5.0	6,111	2.7
9,554	3.8	14,913	5.4	15,736	4.7	6,301	2.8
7,984	3.1	15,514	5.4	16,588	4.8	6,959	3.0
7,856	2.9	16,176	5.5	16,666	4.7	7,133	3.0
9,932	3.6	17,233	5.7	18,180	5.0	7,755	3.1

Table 9.5 - MORTALITY: ALL CAUSES BY AGE,

Age Group	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All Ages	327,260	192,673	134,587	45,897	27,310	18,587
Under 1 year	64,267	37,697	26,570	9,367	5,472	3,895
1- 4 years	44,316	23,928	20,388	4,872	2,550	2,322
5- 9 years	10,660	6,065	4,595	877	489	388
10-14 years	5,657	3,337	2,320	558	319	239
15-19 years	7,347	4,687	2,660	1,104	729	375
20-24 years	9,848	6,758	3,090	1,859	1,375	484
25-30 years	10,422	7,106	3,316	1,944	1,410	534
30-34 years	9,852	6,616	3,236	1,716	1,200	516
35-39 years	9,663	6,365	3,298	1,578	1,087	491
40-44 years	10,822	7,202	3,620	1,614	1,053	561
45-49 years	11,786	7,825	3,961	1,857	1,201	656
50-54 years	12,979	8,488	4,491	2,026	1,319	707
55-59 years	13,716	8,833	4,883	2,213	1,402	811
60-64 years	16,183	9,992	6,191	2,521	1,525	996
65-69 years	16,566	9,809	6,757	2,635	1,572	1,063
70-74 years	20,026	11,378	8,648	2,907	1,633	1,274
75-79 years	16,736	9,045	7,691	2,343	1,195	1,148
80-84 years	17,503	9,060	8,443	1,996	957	1,039
85 years and over	18,686	8,352	10,334	1,852	789	1,063
Not stated	225	130	95	58	33	25

Source: National Census and Statistics Office.

## SEX AND BY REGION: 1983

Region 1			Region 2			Region 3		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
28,063	15,744	12,319	15,888	9,426	6,462	30,504	17,411	13,093
=====	=====	=====	=====	=====	=====	=====	=====	=====
5,295	3,028	2,267	3,626	2,072	1,554	5,519	3,247	2,272
2,718	1,477	1,241	1,958	1,066	892	3,486	1,807	1,679
667	364	303	520	305	215	825	459	366
455	269	186	269	157	112	517	288	229
548	342	206	393	237	156	648	417	231
690	447	243	550	379	171	808	521	287
753	490	263	556	375	181	908	594	314
721	443	278	514	347	167	860	528	332
799	506	293	436	283	153	861	522	339
877	573	304	517	364	153	925	607	318
883	574	309	621	423	198	1,110	721	389
1,085	676	409	612	417	195	1,289	836	453
1,302	791	511	670	445	225	1,370	892	478
1,420	833	587	708	421	287	1,675	1,054	621
1,495	867	628	689	403	286	1,748	1,010	738
1,802	967	835	857	496	361	2,004	1,126	878
1,772	908	864	687	386	301	1,742	884	858
2,105	1,013	1,092	777	421	356	2,073	1,042	1,031
2,659	1,163	1,496	919	423	496	2,115	849	1,266
17	13	4	9	6	3	21	7	14

Table 9.5 - MORTALITY: ALL CAUSES BY AGE,

Age Group	Region 4			Region 5		
	Both Sexes	Male	Female	Both Sexes	Male	Female
All Ages	43,164	25,537	17,627	27,225	15,750	11,475
Under 1 year	8,933	5,264	3,669	5,129	2,946	2,183
1- 4 years	5,940	3,156	2,784	5,350	2,824	2,526
5- 9 years	1,347	750	597	1,139	637	502
10-14 years	735	412	323	555	334	221
15-19 years	942	575	367	630	385	245
20-24 years	1,168	795	373	706	445	261
25-30 years	1,190	791	399	737	469	268
30-34 years	1,114	774	340	704	450	254
35-39 years	1,210	794	416	729	459	270
40-44 years	1,329	916	413	784	505	279
45-49 years	1,509	1,001	508	784	529	255
50-54 years	1,729	1,155	574	862	585	277
55-59 years	1,732	1,153	579	1,027	689	338
60-64 years	2,126	1,357	769	1,120	713	407
65-69 years	2,252	1,334	918	1,267	764	503
70-74 years	2,759	1,671	1,088	1,521	871	650
75-79 years	2,313	1,267	1,046	1,384	764	620
80-84 years	2,266	1,163	1,103	1,460	772	688
85 years and over	2,549	1,195	1,354	1,326	602	724
Not stated	21	14	7	11	7	4

## SEX AND BY REGION: 1983 (continued)

Region 6			Region 7			Region 8		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
33,779	19,859	13,920	30,682	17,506	13,176	18,958	11,266	7,692
=====	=====	=====	=====	=====	=====	=====	=====	=====
6,447	3,757	2,690	5,488	3,340	2,148	3,032	1,771	1,261
4,209	2,349	1,860	4,565	2,543	2,022	3,069	1,739	1,330
1,131	648	483	979	569	410	956	548	408
599	369	230	496	296	200	392	233	159
713	443	270	564	363	201	444	302	142
819	575	244	696	433	263	582	401	181
946	654	292	708	415	293	573	375	198
918	615	303	744	456	288	562	382	180
915	628	287	793	494	299	583	372	211
1,189	772	417	885	544	341	651	429	222
1,261	838	423	995	600	395	678	459	219
1,331	860	471	1,133	703	430	783	488	295
1,416	908	508	1,248	782	466	721	461	260
1,737	1,088	649	1,535	891	644	989	605	384
1,729	1,022	707	1,632	920	712	889	500	389
2,342	1,328	1,014	2,154	1,120	1,034	1,211	679	532
1,713	948	765	1,956	1,051	905	959	528	431
1,989	1,046	943	2,012	1,018	994	958	549	409
2,352	998	1,354	2,072	953	1,119	916	440	476
23	13	10	27	15	12	10	5	5

Table 9.5 - MORTALITY: ALL CAUSES BY AGE,

Age Group	Region 9			Region 10			Both Sexes
	Both Sexes	Male	Female	Both Sexes	Male	Female	
All Ages	9,932	6,208	3,724	17,233	10,423	6,810	18,180
	=====	=====	=====	=====	=====	=====	=====
Under 1 year	2,208	1,310	898	3,866	2,291	1,575	3,678
1- 4 years	1,495	849	646	2,713	1,431	1,282	2,846
5- 9 years	408	240	168	777	447	330	729
10-14 years	208	122	86	332	202	130	378
15-19 years	253	171	82	420	280	140	464
20-24 years	373	269	104	611	433	178	683
25-30 years	397	303	94	593	418	175	763
30-34 years	397	290	107	579	399	180	691
35-39 years	352	231	121	518	349	169	604
40-44 years	356	247	109	701	492	209	671
45-49 years	364	258	106	653	458	195	716
50-54 years	403	259	144	641	434	207	742
55-59 years	360	237	123	651	411	240	718
60-64 years	398	251	147	754	472	282	864
65-69 years	407	256	151	702	426	276	810
70-74 years	475	285	190	830	479	351	827
75-79 years	390	239	151	600	385	215	648
80-84 years	365	217	148	647	352	295	627
85 years and over	318	171	147	643	263	380	703
Not stated	5	3	2	2	1	1	18

## SEX AND BY REGION: 1983 (continued)

Region 11			Region 12		
Both Sexes	Male	Female	Both Sexes	Male	Female
18,180	11,359	6,821	7,755	4,874	2,881
3,678	2,188	1,490	1,679	1,011	668
2,846	1,531	1,315	1,095	606	489
729	441	288	305	168	137
378	241	137	163	95	68
464	298	166	224	145	79
683	474	209	303	211	92
763	556	207	354	256	98
691	488	203	332	244	88
604	438	166	285	202	83
671	469	202	323	231	92
716	509	207	355	254	101
742	519	223	343	237	106
718	479	239	288	183	105
864	555	309	336	227	109
810	538	272	311	197	114
827	508	319	337	215	122
648	361	287	229	129	100
627	376	251	228	134	94
703	377	326	262	129	133
18	13	5	3		3

Table 9.6 - MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES  
AND PERCENT OF TOTAL DEATHS, PHILIPPINES:  
1979-1983 and 1984  
(Crude death rate per 100,000 population)

Cause	5 - Year Average (1979 - 1983)			1984		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	46,283.0	93.6	15.0	47,513.0	89.3	19.0
2. Diseases of the heart	33,312.0	67.4	10.8	32,426.0	61.0	12.9
3. Tuberculosis, all forms	28,245.0	57.1	9.2	28,161.0	52.9	11.2
4. Diseases of the vascular system	22,234.0	45.0	7.2	21,047.0	39.6	8.4
5. Malignant neoplasms	16,477.0	33.3	5.3	16,090.0	30.2	6.4
6. Diarrheas	14,839.0	39.0	4.8	14,776.0	27.8	5.9
7. Accidents	8,307.0	16.8	2.7	8,946.0	16.8	3.6
8. Avitaminoses and other nutritional deficiencies	7,124.0	14.1	2.3	7,140.0	13.4	2.9
9. Measles	6,834.0	13.8	2.2	5,221.0	9.8	2.1
10. Nephritis, nephrotic syndrome & nephrosis	4,567.0	9.2	1.5	4,504.0	8.5	1.8

Source: Health Intelligence Service, Department of Health.

Figure 9.1  
NUMBER OF REGISTERED MARRIAGES BY REGION: 1976 to 1984

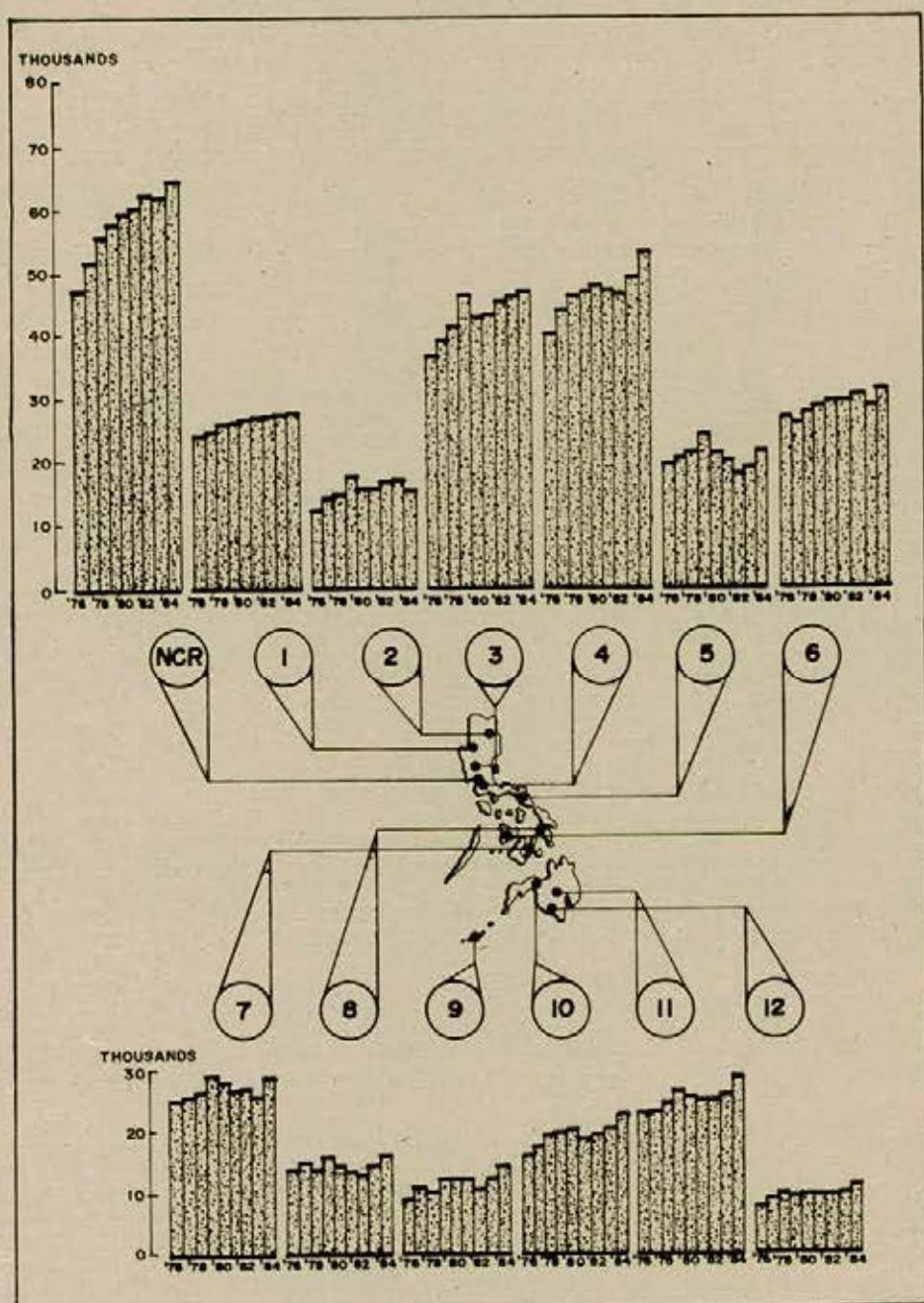


Table 9.7 - NUMBER OF REGISTERED INFANT MORTALITY  
(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
1950	65,273	101.6	a	-	7,645	94.3
1955	61,958	84.3	a	-	6,125	74.7
1960	54,968	84.6	a	-	5,436	70.5
1965	57,988	72.9	a	-	5,553	65.8
1970	57,970	60.0	a	-	5,103	53.9
1971	59,730	62.0	a	-	5,398	55.5
1972	65,719	67.9	a	-	5,998	62.5
1973	67,881	64.7	a	-	5,875	60.1
1974	63,491	58.7	a	-	5,204	54.2
1975	65,263	53.3	a	-	5,372	53.4
1976	74,792	56.9	12,445	68.5	5,569	51.7
1977	76,330	56.8	14,427	72.9	5,854	54.0
1978	73,643	53.1	11,823	60.8	5,667	48.0
1979	71,772	49.8	10,713	50.9	5,713	50.2
1980	65,700	45.1	9,929	45.6	5,231	45.1
1981	64,415	44.1	9,280	41.9	5,150	43.2
1982	61,665	41.8	9,306	42.0	5,228	43.6
1983	64,267	42.7	9,367	41.8	5,295	44.0

<sup>a</sup> Included in Region 4.

<sup>b</sup> Including Metropolitan Manila Area (NCR).

Source: National Census and Statistics Office.

UNDER AGE ONE YEAR BY REGION: 1950 to 1983  
 1,000 livebirths)

Region 2		Region 3		Region 4		Region 5	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
3,797	121.9	8,307	123.8	14,221 <sup>b</sup>	97.2	4,378	70.5
3,759	100.1	6,791	84.1	14,030 <sup>b</sup>	76.6	4,577	72.3
3,958	117.9	5,818	75.4	14,450 <sup>b</sup>	72.0	4,200	82.4
3,535	95.1	5,877	64.5	15,582 <sup>b</sup>	62.3	4,506	70.8
3,099	63.8	5,964	52.4	16,904 <sup>b</sup>	58.5	4,306	58.2
3,779	74.0	5,972	52.8	17,877 <sup>b</sup>	61.4	4,841	67.3
4,029	78.8	6,807	59.0	19,479 <sup>b</sup>	67.1	4,961	64.6
4,253	76.4	6,593	54.9	18,545 <sup>b</sup>	61.1	6,336	72.7
4,022	72.6	6,248	51.6	17,940 <sup>b</sup>	59.6	5,216	58.7
4,070	63.5	6,534	47.1	17,668 <sup>b</sup>	55.4	5,447	52.5
4,280	63.3	6,894	45.9	9,849	56.4	5,906	54.8
3,940	57.9	7,027	49.6	10,201	58.0	6,206	58.9
4,189	52.1	6,798	45.9	9,976	54.8	6,185	58.9
4,234	54.3	6,563	43.2	9,862	52.4	5,825	52.1
3,885	54.3	5,979	38.0	8,895	46.1	5,176	46.2
3,613	51.0	5,622	35.7	9,152	46.4	5,272	48.2
3,635	49.3	5,596	35.6	8,572	43.0	5,005	46.3
3,626	49.4	5,519	34.2	8,933	44.1	5,129	47.3

Table 9.7 - NUMBER OF REGISTERED INFANT MORTALITY  
 (Rate per

Year	Region 6		Region 7		Region 8	
	Number	Rate	Number	Rate	Number	Rate
1950	7,656	129.8	7,649	100.8	4,772	86.5
1955	6,696	101.6	7,780	100.8	4,768	87.0
1960	5,172	149.6	5,750	92.6	2,944	135.6
1965	4,733	105.1	6,171	79.9	3,569	111.9
1970	5,008	95.7	5,334	58.6	2,991	76.5
1971	5,474	98.9	5,040	54.6	3,201	86.4
1972	6,144	109.2	5,637	63.6	3,201	92.7
1973	6,357	96.4	6,315	67.0	3,550	86.1
1974	6,092	79.7	5,565	59.6	3,523	76.3
1975	6,320	63.3	5,833	55.7	4,039	77.1
1976	7,796	72.8	6,003	55.4	4,153	75.5
1977	7,172	66.5	6,169	57.1	4,516	80.8
1978	7,299	71.4	5,817	52.3	4,191	75.8
1979	7,194	65.3	5,651	50.0	4,119	70.7
1980	6,555	58.4	5,224	45.8	3,507	60.6
1981	6,426	55.9	5,314	46.3	3,515	61.7
1982	6,158	52.0	4,762	40.5	3,126	54.1
1983	6,447	54.9	5,488	45.8	3,032	50.3

UNDER AGE ONE YEAR BY REGION: 1950 to 1983 (continued)  
 1,000 livebirths)

Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate
1,247	113.5	3,693	128.5	1,015	63.8	893	97.8
1,378	85.7	3,581	104.6	1,307	53.7	1,166	73.3
1,147	85.7	3,168	108.6	1,615	51.4	1,310	73.5
1,618	90.1	3,086	83.1	2,073	58.4	1,685	69.2
1,840	76.0	3,234	67.9	2,979	43.6	1,208	50.3
1,573	65.6	3,028	62.8	2,528	40.9	1,019	48.8
1,828	85.6	3,446	69.6	3,255	47.9	934	44.8
1,970	82.6	3,618	64.0	2,964	37.8	1,505	60.2
1,777	59.7	3,300	52.1	3,404	41.2	1,200	44.5
2,202	58.9	3,301	44.3	3,149	33.0	1,328	39.4
2,499	62.8	4,062	52.9	3,735	37.0	1,601	42.8
2,120	44.5	3,540	43.0	3,728	35.2	1,430	35.9
2,416	48.3	3,971	44.6	3,798	35.1	1,513	34.8
2,450	43.8	3,758	42.2	4,177	37.6	1,513	34.4
2,325	42.1	3,758	41.2	3,750	32.9	1,486	33.2
1,853	35.5	3,819	43.6	3,720	32.7	1,679	37.1
1,673	33.3	3,472	39.1	3,618	31.2	1,514	32.8
2,208	38.8	3,866	41.7	3,678	30.5	1,679	34.7

Table 9.8 - INFANT MORTALITY: TEN LEADING CAUSES, NUMBER AND RATE  
PER 1,000 LIVE BIRTHS AND PERCENT OF INFANT DEATHS, PHILIPPINES:  
1978-1982 and 1983

Cause	5 - Year Average (1978-1982)			1983		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	16,965	11.8	25.2	15,390	10.2	23.9
2. Respiratory conditions of fetus and newborn	7,707	5.3	11.4	9,379	6.2	14.6
3. Diarrheas	6,382	4.4	9.5	6,044	4.0	9.4
4. Congenital Anomalies	2,976	2.1	4.4	2,934	1.9	4.6
5. Avitaminoses and other nutritional deficiency	3,608	2.5	5.3	2,545	1.7	4.0
6. Measles	1,675	1.2	2.5	2,220	1.5	3.5
7. Birth injury and difficult labor	1,762	1.2	2.6	1,659	1.1	2.6
8. Acute bronchitis and bronchilitis	1,529	1.1	2.3	1,043	0.7	1.6
9. Septicemia	686	0.5	1.0	869	0.6	1.4
10. Meningitis	852	0.6	1.3	849	0.6	1.3

Source: Health Intelligence Service, Department of Health.

Table 9.9 - MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES,  
PHILIPPINES: 1980-1984 and 1985  
(Rate per 100,000 population)

Cause	5-Year Average (1980-1984)		1985 <sup>1</sup>	
	Number	Rate	Number	Rate
1. Bronchitis	328,701	647.6	698,377	1,277.5
2. Diarrheas	289,398	570.0	462,874	846.7
3. Influenza	264,597	521.0	399,789	731.3
4. Pneumonias	129,999	256.1	186,152	340.5
5. Tuberculosis, all forms	116,542	229.6	126,754	231.9
6. Malaria	57,924	114.1	99,180	181.4
7. Accidents	83,407	156.8	132,355	242.1
8. Measles	40,151	79.1	56,516	103.4
9. Malignant neoplasms	26,658	52.5	22,869	41.8
10. Whooping cough	18,430	36.3	16,257	29.7

<sup>1</sup>Preliminary Data.

Source: Health Intelligence Service, Department of Health.

Figure 9.2  
NUMBER OF LIVE BIRTHS AND DEATHS: 1972 to 1983

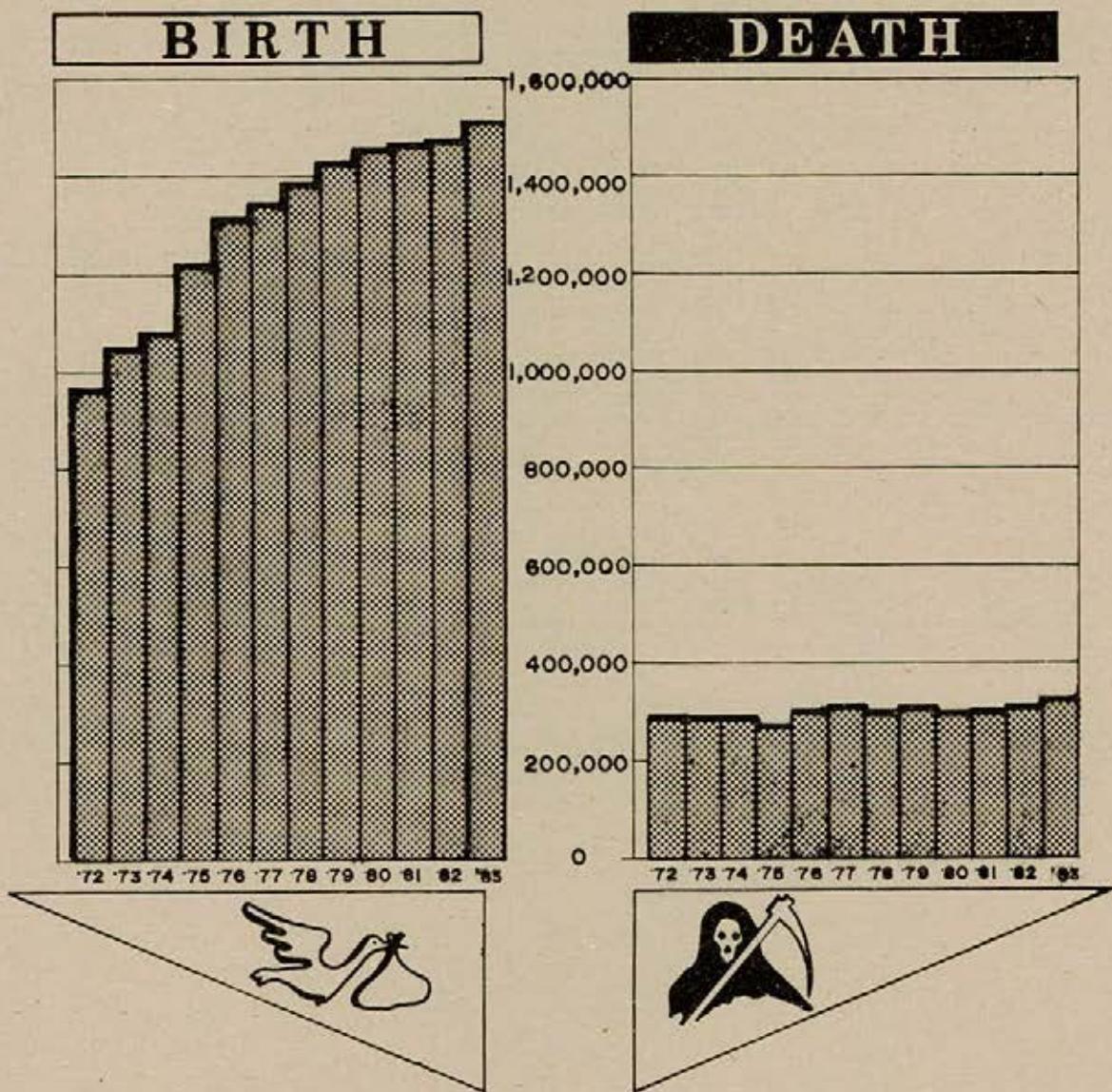


Table 9.10 - NOTIFIABLE DISEASES AND DEATHS  
BY CAUSE, PHILIPPINES: 1981 to 1985

NOTIFIABLE DISEASES	1981		1982		1983		1984		1985	
	Reported Cases	Deaths								
Cholera	1,059	256	472	163	988	43	982	43	10	1
Typhoid & Paratyphoid fever and other salmonella infections	5,282	596	5,420	697	13,148	522	13,148	522	10,796	430
Dysentery	33,852	1,302	-	-	-	-	-	-	-	-
Food Poisoning	712	164	-	-	-	-	-	-	-	-
Diarrheas	221,191	12,735	230,553	15,090	512,042	14,776	512,042	7,847	462,874	8,478
Tuberculosis	104,715	28,309	93,157	28,580	142,569	28,161	142,569	15,448	126,754	10,471
Leprosy	997	107	1,058	89	1,827	53	1,827	53	2,445	53
Diphtheria	2,140	524	1,812	491	2,995	260	2,995	260	1,611	209
Whooping Cough	15,879	80	14,241	72	19,869	281	19,869	281	16,257	121
Tetanus	2,355	967	2,673	941	3,092	1,044	3,092	1,044	2,543	949
Acute Poliomyelitis	440	101	355	94	740	81	740	81	533	34
Varicella	1,506	22	1,665	15	4,786	19	4,786	19	5,710	88
Measles	34,194	7,136	37,307	9,286	67,285	5,221	67,285	2,598	56,516	3,073
Viral Encephalitis	491	8	-	-	-	-	-	-	-	-
H-Fever	816	192	1,684	305	2,545	89	2,545	89	1,520	76
Infectious Hepatitis	8,615	739	9,183	653	15,080	658	15,080	658	13,683	944
Rabies	290	290	-	-	-	-	-	-	-	-
Malaria	40,496	985	45,716	1,086	110,307	651	110,307	651	99,180	1,378
Syphilis	114	11	102	16	72	14	72	14	46	11
Gonococcal Infections	13,359	2	11,933	5	13,575	-	13,575	12	12,892	333
Schistosomiasis	1,648	426	3,319	452	6,411	108	6,411	108	9,192	174
Filariasis	77	4	74	5	431	30	431	30	669	23
Malignant Neoplasms	26,867	16,832	25,838	17,997	26,905	16,090	8,402	5,368	4,982	4,687
Bronchitis	280,431	2,250	300,286	2,052	552,959	3,618	552,958	3,618	698,377	3,857
Pneumonias	106,563	45,373	123,420	48,650	179,587	47,513	179,587	30,141	186,152	33,605
Influenza	-	-	232,768	1,215	416,634	8,935	416,634	8,935	399,789	980
Accidents	-	-	-	-	83,407	8,946	83,407	1,153	132,355	1,413
Diseases of the Heart	-	-	-	-	8,477	2,501	39,383	11,501	45,745	14,651

Source: Health Intelligence Service, Department of Health.

Table 9.11 - EXPECTATION OF LIFE AT BIRTH IN THE  
PHILIPPINES: 1960 to 2030

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

<sup>a</sup>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.

<sup>b</sup>Starting 1970, the data were taken from the paper prepared by the National Census and 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.

<sup>c</sup>The estimates starting 1980 made use of the Moderate Mortality Decline Assumption.

Source: National Census and Statistics Office.

Table 9.12 - ESTIMATES OF VITAL STATISTICS  
(Series 2 - Moderate Fertility and

Year	Philippines	Manila Area	Metropolitan		3	4
			1	2		
<b>Births</b>						
1980	1,626,910	172,310	111,979	76,902	149,546	203,274
1985	1,735,297	195,380	117,358	83,616	161,888	219,577
1990	1,797,497	199,207	120,589	88,020	169,250	229,699
1995	1,809,944	189,496	120,099	89,893	170,323	232,704
2000	1,780,722	177,860	116,008	89,002	166,610	229,872
2010	1,539,192	154,809	96,851	77,207	141,210	195,238
2020	1,651,545	162,579	101,250	82,022	148,378	212,517
2030	1,612,823	147,713	95,938	79,357	142,023	207,811
<b>Deaths</b>						
1980	455,204	33,136	35,152	23,497	34,401	46,510
1985	467,329	37,050	34,173	23,904	35,081	48,292
1990	481,359	40,253	33,555	24,647	36,025	50,386
1995	495,258	43,615	33,334	25,206	37,257	52,529
2000	509,249	47,932	33,257	25,680	38,645	54,792
2010	560,197	63,072	33,635	27,530	45,234	64,290
2020	673,715	88,365	38,436	30,122	59,896	85,664
2030	830,969	123,436	48,818	36,853	81,063	113,974
<b>Total Fertility Rate</b>						
1980	64,805.000	3,045.000	4,725.000	5,185.000	4,290.000	4,680.000
1985	59,032.331	2,803.333	4,298.333	4,722.500	3,913.333	4,240.833
1990	53,260.002	2,561.667	3,871.667	4,260.000	3,536.667	3,801.667
1995	47,487.500	2,320.000	3,445.000	3,797.500	3,160.000	3,362.500
2000	41,714.998	2,078.333	3,018.333	3,335.000	2,783.333	2,923.333
2010	30,170.000	1,595.000	2,165.000	2,410.000	2,030.000	2,045.000
2020	28,867.500	1,560.000	2,067.500	2,260.000	1,957.500	1,997.500
2030	27,565.000	1,525.000	1,970.000	2,110.000	1,885.000	1,950.000

Source: National Census and Statistics Office.

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 - ESTIMATES OF VITAL STATISTICS  
(Series 2 - Moderate Fertility and

Year	Philippines	Metropolitan		1	2	3	4
		Manila	Area				
<b>Net Reproduction Rate</b>							
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	
<b>Crude Birth Rate</b>							
1980	33.6516	28.9072	31.5395	34.5522	31.0001	33.0445	
1985	32.1685	28.3125	30.1609	33.3449	29.8208	31.1300	
1990	29.7528	25.2520	28.3417	31.2709	27.8403	28.6325	
1995	26.8736	21.4334	25.9581	28.6790	25.2524	25.8020	
2000	23.9035	18.2908	23.2615	25.7649	22.5256	22.9674	
2010	17.6478	13.7685	17.2897	19.1650	16.5547	16.5772	
2020	16.9500	13.0523	16.5315	18.0483	15.6747	15.9908	
2030	15.0422	11.1537	14.5472	15.7720	13.8770	14.2352	
<b>Crude Death Rate</b>							
1980	8.7228	5.6596	9.9007	10.5573	7.1312	7.5607	
1985	7.9170	5.3689	8.7824	9.5326	6.4622	6.8464	
1990	7.2371	5.1076	7.8863	8.7564	5.9258	6.2807	
1995	6.6814	4.9337	7.2048	8.0416	5.5238	5.8244	
2000	6.2431	4.9292	6.6686	7.4340	5.2248	5.4745	
2010	5.9119	5.6096	6.0045	6.8338	5.3030	5.4587	
2020	6.4031	7.0942	6.2756	6.6281	6.3274	6.4458	
2030	7.5395	9.3205	7.4023	7.3244	7.9206	7.8073	

Source: National Census and Statistics Office.

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
36.1779	35.5522	31.3172	34.3206	38.1450	36.6309	36.6667	38.4865
34.3648	33.2277	29.8116	32.7632	35.3698	33.8241	33.9036	35.8967
32.4104	30.4689	27.6257	31.4655	32.7371	31.2748	31.3929	33.5078
29.9765	27.5910	25.2165	29.7920	30.2534	28.8344	28.9321	31.1254
27.2611	24.6895	22.7872	27.3973	27.6470	26.3100	26.3389	28.5333
20.3346	18.4329	17.1517	21.0852	20.8269	20.1308	19.9604	21.9000
20.2715	17.8077	16.5311	20.9483	19.0995	18.7761	19.3089	21.3922
18.6397	15.7535	14.8352	19.4906	16.4027	16.4567	17.4019	19.6146
9.1616	9.0547	8.7144	10.9103	14.2656	12.3364	12.6402	14.2956
8.3484	8.2708	7.9187	10.0523	13.0419	11.0807	11.6180	13.1046
7.7021	7.5795	7.2477	9.3445	12.0922	10.0781	10.8174	12.1866
7.1639	7.0807	6.6721	8.6199	11.1385	9.3250	10.0961	11.2308
6.6730	6.6633	6.1875	7.9131	10.3163	8.6851	9.4716	10.3830
5.9362	6.3674	5.6593	7.0193	9.3024	8.1845	8.6301	9.3170
6.1095	6.7729	6.3295	6.6327	9.0983	8.4390	8.4656	9.0561
6.7007	7.3909	7.3440	6.3580	9.1268	8.6965	8.3974	8.8760

Table 9.13 - DAILY PER CAPITA AVAILABLE  
(Grams)

Year	All types	Cereals & cereal products	Roots and tubers	Sugar and syrup	Pulses and nuts	Vegetables
1955	804.4	320.8	119.2	35.2	15.5	87.5
1960	813.5	312.0	116.9	29.8	38.0	78.4
1965	1,001.1	364.6	117.8	50.6	34.5	75.3
1970	1,001.7	376.2	81.2	45.2	15.9	79.2
1971	965.7	391.9	58.2	49.3	14.8	78.1
1972	950.2	363.2	65.9	51.4	13.8	76.8
1973	992.3	368.2	83.7	50.3	11.6	82.9
1974	1,068.7	390.0	97.4	60.1	11.2	86.4
1975	1,094.3	371.8	96.8	56.2	15.2	79.2
1976	1,144.0	384.1	100.1	77.3	20.6	87.8
1977	1,206.2	372.9	149.4	60.6	19.7	95.0
1978	1,322.9	371.5	208.5	63.8	19.4	103.9
1979	1,349.7	391.4	184.3	64.4	17.2	109.3
1980	1,409.7	403.1	192.1	70.4	18.0	116.8
1981	1,397.3	400.4	187.8	66.3	16.5	117.5
1982	1,233.1	351.5	77.2	62.3	17.7	116.2
1983	1,201.5	341.2	60.4	64.6	16.3	115.3
1984	1,210.9	351.5	61.6	50.3	9.5	119.7
1985	1,274.9	352.8	59.7	66.9	13.5	121.4

Source: Statistical Coordination Office, NEDA.

FOOD SUPPLY, PHILIPPINES: 1955 to 1985  
 per day)

Fruits	Meat products	Milk and milk products	Eggs	Fish & other marine products	Fats and oils	Miscellaneous
88.4	43.2	26.6	8.7	51.8	5.8	1.7
85.0	43.2	33.6	9.3	56.8	6.8	3.7
125.8	35.9	39.8	6.5	85.7	7.1	57.5
133.8	42.6	43.2	8.2	103.3	8.2	64.7
99.6	41.9	43.0	8.7	103.3	8.4	68.5
99.2	43.2	47.1	8.7	107.3	10.0	63.6
107.1	46.6	38.2	10.1	109.6	12.0	72.0
118.1	47.4	45.6	10.6	111.6	11.6	78.7
201.4	64.0	31.8	9.4	125.7	11.6	31.2
151.7	62.5	46.3	16.6	126.1	13.5	57.4
160.8	63.0	56.3	16.8	127.7	17.8	66.2
224.1	62.8	45.6	15.8	129.4	16.1	62.0
242.7	74.7	62.0	13.4	125.3	12.6	52.4
275.7	70.1	53.7	14.0	129.9	13.8	52.1
275.7	70.6	40.1	13.5	134.5	12.1	62.3
171.6	75.2	56.6	13.5	140.6	10.6	140.1
149.5	80.6	45.0	13.9	143.4	9.4	161.9
140.9	78.0	30.4	13.2	137.9	7.7	210.2
140.9	67.3	37.2	11.4	130.2	8.3	260.3

Table 9.14 - CALORIE AND NUTRIENT VALUES OF DAILY PER CAPITA  
AVAILABLE FOOD SUPPLY, PHILIPPINES: 1955 to 1985

Year	Grams per day		Calories per day		Protein (Grams per day)		Fats (Grams per day)	
	Value	Percent of sufficiency	Value	Percent of sufficiency	Value	Percent of sufficiency	Value	Percent of sufficiency
1955	804	80.0	1,766	88.3	44	90.2	2	17.3
1960	814	80.9	1,782	89.1	43	88.7	10	33.3
1965	1,001	99.5	2,103	105.1	51	103.7	10	33.0
1970	1,002	99.6	2,097	104.8	54	110.8	26	104.3
1971	966	96.0	2,123	106.2	55	112.3	26	106.7
1972	950	94.5	2,047	102.4	53	108.0	28	122.3
1973	992	98.6	2,108	105.4	54	112.1	31	103.3
1974	1,069	106.2	2,259	112.9	57	115.7	32	105.3
1975	1,094	105.4	2,290	112.6	70	136.3	34	119.6
1976	1,144	110.2	2,389	117.5	62	121.0	37	130.7
1977	1,206	110.2	2,417	118.5	63	122.1	41	143.9
1978	1,323	120.8	2,500	122.7	63	122.9	39	136.1
1979	1,350	123.3	2,504	119.5	66	128.3	39	136.1
1980	1,410	128.8	2,692	131.1	69	133.2	38	134.0
1981	1,397	127.7	2,599	127.7	67	129.3	36	126.0
1982	1,233	112.7	2,258	110.9	65	125.6	34	-
1983	1,202	109.8	2,189	107.5	63	121.9	33	-
1984	1,211	110.6	2,150	105.6	61	118.4	31	-
1985	1,275	116.5	2,214	108.8	60	115.9	29	-

Source: Food Balance Sheets of the Philippines,  
Statistical Coordination Office, NEDA.

Figure 9.3  
DAILY PER CAPITA AVAILABLE FOOD SUPPLY, PHILIPPINES: 1975 to 1985

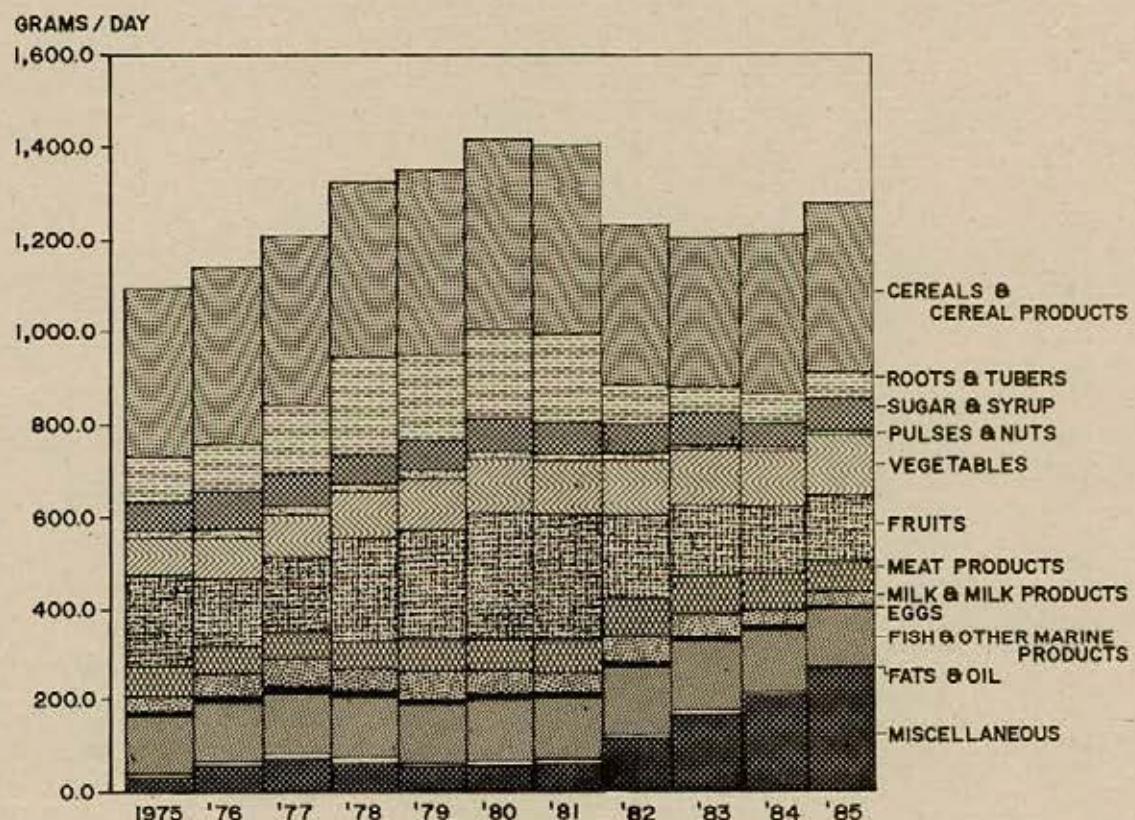


Table 9.15 - GOVERNMENT AND PRIVATE HOSPITALS: NUMBER AND BED CAPACITY, PHILIPPINES: FY 1963-64 TO CY 1986

Year	Number of hospitals			Bed capacity			Bed capacity per 10,000 population
	Total	Govern- ment	Private	Total	Govern- ment	Private	
1963-64	374	136 <sup>1</sup>	238 <sup>3</sup>	26,600	15,400	11,200	8.7
1968-69	799	318 <sup>2</sup>	481	53,793	34,342	19,451	15.1
1969-70	650	220	430	40,289	19,725	20,564	11.0
1970-71	640	209	431	41,153	20,400	20,753	10.9
1971-72	693	244	449	43,124	21,700	21,424	11.1
1972-73	768	254	514	45,986	22,325	23,661	11.5
1973-74	845	275	570	65,045	39,451	25,594	15.8
1975	969	363	606	69,774	41,692	28,082	16.5
1976	1,036	366	670	75,600	44,525	31,075	17.6
1977	1,149	372	777	78,901	44,802	34,099	17.8
1978	1,213	376	837	81,646	45,517	36,129	17.9
1979	1,500	439	1,061	84,138	46,358	37,780	18.0
1980	1,600	488	1,112	87,987	49,708	38,279	18.2
1981	1,599	487	1,112	64,804	32,090	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	1,739	612	1,127	90,279	47,861	42,418	16.9
1985	1,814	624	1,190	85,008	43,395	41,613	15.5
1986	1,846	617	1,229	89,171	48,906	40,265	15.9

<sup>1</sup> Excludes the Philippine General Hospital, Veterans Memorial Hospital and V. Luna Medical Center for years 1963-64.

<sup>2</sup> Includes hospitals and medical centers under the administration of the Office of the President, Department of National Defense and Bureau of Disease Control.

<sup>3</sup> 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 - MEAN ONE-DAY PER CAPITA NUTRIENT INTAKE  
BY URBANIZATION AND ISLAND GROUP, PHILIPPINES: 1982

Nutrient Intake	Philip- pines	All Urban	Metro Manila	Other Urban	Rural	Luzon	Visayas	Mindanao
Energy (kcal)	1,808	1,831	1,797	1,852	1,797	1,814	1,745	1,906
Protein (g)	50.6	53.4	51.9	54.2	49.3	50.1	51.3	51.6
Iron (mg)	10.8	11.4	10.6	12.0	10.5	10.8	10.7	11.0
Calcium (g)	0.45	0.46	0.44	0.47	0.45	0.47	0.42	0.45
Thiamine (mg)	0.74	0.80	0.83	0.78	0.71	0.77	0.66	0.75
Riboflavin (mg)	0.58	0.69	0.73	0.66	0.52	0.61	0.53	0.52
Niacin (mg)	16.4	17.2	16.3	17.8	15.9	16.6	15.6	16.8
Ascorbic acid (mg)	61.6	56.7	55.3	57.5	64.0	62.6	58.8	62.6
Fat (g)	30	40	45	37	25	33	24	28
Carbohydrates (g)	327	308	291	319	337	322	324	355

Source: Second Nationwide Nutrition Survey, Philippines, 1982.  
Food and Nutrition Research Institute.

Table 9.17 - COMPARISON OF MEAN ONE-DAY PER CAPITA NUTRIENT INTAKE,  
PHILIPPINES: 1978 and 1982

Nutrient	1978		1982	% Increase (Decrease)
	Intake			
Energy (kcal)	1804		1808	0.2
Protein (g)	48.0		50.6	5.4 <sup>b</sup>
Iron (mg)	10.6		10.8	1.9
Calcium (g)	0.44		0.45	2.3
Thiamine (mg)	0.73		0.74	1.4
Riboflavin (mg)	0.53		0.58	9.4
Niacin (mg)	15.3		16.4	7.2
Ascorbic Acid (mg)	66.8		61.6	(7.8) <sup>b</sup>
Fat (g)	28		30	7.1 <sup>a</sup>
Carbohydrates (g)	332		327	(1.5)

<sup>a</sup> Significant, 5% level.

<sup>b</sup> Highly significant, 1% level.

Source: First and Second Nationwide Nutrition Surveys, Philippines,  
1978 and 1982, Food and Nutrition Research Institute.

Table 9.18 - NUMBER OF REPORTED ACCEPTORS BY METHOD OF  
FAMILY PLANNING, PHILIPPINES: 1980 to 1986

Methods	1980	1981	1982	1983	1984 <sup>1</sup>	1985	1986
Total	375,248	424,743	412,871	229,176	628,190	408,767	504,832
Sterilization	42,576	61,514	63,606	30,707	111,311	86,047	79,994
Female	41,214	59,678	61,382	29,315	-	80,187	76,525
Male	1,362	1,836	2,224	1,392	-	5,860	3,469
IUD	40,569	47,916	48,231	35,121	69,384	45,395	47,560
Pills	170,408	191,673	188,285	109,371	134,514	183,997	257,566
Condom	100,167	100,263	90,670	42,969	31,290	31,646	52,223
Rhythm	15,608	15,619	15,625	7,957	126,364	28,395	29,636
Injectable	3,859	5,922	4,385	-	-	4,803	10,678
Others	2,061	1,836	2,069	3,051	155,327	28,484	27,175

<sup>1</sup> Projections.

Source: Commission on Population.

## CHAPTER 10

### EDUCATION

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## **CHAPTER 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 government and private schools and teachers by level of education, 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 and the number of examinees who passed the board/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 are taken from the Professional Regulation Commission and the Supreme Court of the Philippines, respectively.

Table 10.1 - NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

School year	Pre-School			Elementary		
	Total	Government	Private <sup>1</sup>	Total	Government	Private <sup>2</sup>
1954-55	...	...	...	18,550	18,032	518
1959-60	...	...	...	20,870	20,296	574
1964-65	...	...	...	22,764	21,972	792
1969-70	...	...	...	22,872	21,911	961
1970-71	...	...	...	23,804	22,838	966
1971-72	...	...	...	24,483	23,525	958
1972-73	...	...	...	27,612	26,635	977
1973-74	...	...	...	29,192	28,196	996
1974-75	...	...	...	30,760	29,745	1,015
1975-76	...	...	...	30,962	29,854	1,108
1976-77	...	...	...	31,372	30,306	1,066
1977-78	...	...	...	31,067	29,859	1,208
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	30,272	1,183
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	32,800	31,431	1,369
1984-85	2,310	1,431	879	32,791	31,570	1,221
1985-86	2,254	1,257	997	33,156	31,817	1,339

<sup>1</sup>Includes schools attached to elementary, secondary and tertiary institutions.

<sup>2</sup>Includes schools attached to secondary and tertiary institutions.

<sup>3</sup>Includes schools attached to state colleges and universities and other tertiary institutions.

<sup>4</sup>Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

## BY LEVEL OF EDUCATION: SY 1954-55 TO 1985-86

Secondary			Tertiary		
Total	Government <sup>3</sup>	Private <sup>4</sup>	Total	Government	Private
1,605	359	1,246	382	26	356
1,704	376	1,328	407	41	366
2,009	468	1,541	499	36	463
3,851	1,876	1,975	621	37	584
4,139	2,125	2,014	634	37	597
4,590	2,594	1,996	591	37	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	691	85	606
4,944	2,883	2,061	754	126	628
4,942	2,865	2,077	817	168	649
5,486	2,891	2,595	1,023	314	709
5,129	3,134	1,995	947	333	614
5,144	3,112	2,032	1,098	298	800
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
5,388	3,383	2,005	1,178	360	818
5,375	3,357	2,018	1,078	293	785

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	
<b>SY 1983-1984</b>						
Pre-School	2,358	580	356	56	139	351
Government	1,423	195	315	14	43	215
Private <sup>1</sup>	935	385	41	42	96	136
Elementary	32,800	766	2,924	2,191	2,508	3,897
Government	31,431	438	2,827	2,123	2,381	3,712
Private <sup>2</sup>	1,369	328	97	68	127	185
Secondary	5,430	329	641	279	460	793
Government <sup>3</sup>	3,354	117	426	164	259	463
Private <sup>4</sup>	2,076	212	215	115	201	330
Tertiary	1,165	188	80	40	122	150
Government	319	13	20	19	26	37
Private	846	175	60	21	96	113
<b>SY 1984-1985</b>						
Pre-School	2,310	516	356	35	204	353
Government	1,431	200	315	5	87	216
Private	879	316	41	30	117	137
Elementary	32,791	731	2,961	2,185	2,482	3,890
Government	31,570	448	2,847	2,139	2,369	3,705
Private	1,221	283	114	46	113	185
Secondary	5,388	325	639	286	458	821
Government	3,383	116	429	171	263	477
Private	2,005	209	210	115	195	344
Tertiary	1,178	196	96	58	95	147
Government	360	13	37	33	25	41
Private	818	183	59	25	70	106
<b>SY 1985-1986</b>						
Pre-School	2,254	544	188	0	206	412
Government	1,257	202	127	0	91	215
Private	797	342	61	0	115	196
Elementary	33,156	697	2,934	2,199	2,507	3,948
Government	31,817	442	2,833	2,147	2,371	3,740
Private	1,339	255	101	52	136	208
Secondary	5,375	340	633	270	456	755
Government	3,357	119	422	156	260	474
Private	2,018	221	211	114	196	281
Tertiary	1,078	176	77	47	85	131
Government	293	12	20	19	23	37
Private	785	164	57	28	94	94

<sup>1</sup> Includes schools attached to elementary, secondary and tertiary institutions.

<sup>2</sup> Includes schools attached to secondary and tertiary institutions.

<sup>3</sup> Includes schools attached to state colleges and universities and other tertiary institutions.

<sup>4</sup> Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

## BY LEVEL OF EDUCATION AND BY REGION: SY 1983-84 TO 1985-86

Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
82	338	87	70	38	74	79	108
51	263	46	63	24	47	49	98
31	75	41	7	14	27	30	10
2,840	3,185	2,570	3,110	2,104	2,359	2,123	2,223
2,770	2,990	2,515	3,089	2,068	2,295	2,039	2,184
70	195	55	21	36	64	84	39
418	565	366	361	231	367	370	250
285	404	200	287	164	226	213	146
133	161	166	74	67	141	157	104
81	113	58	66	43	78	106	40
22	59	12	43	20	23	14	11
59	54	46	23	23	55	92	29
82	302	88	71	38	49	51	165
51	230	46	63	24	20	19	155
31	72	42	8	14	29	32	10
2,811	3,113	2,584	3,104	2,123	2,401	2,180	2,226
2,741	3,003	2,530	3,083	2,088	2,340	2,090	2,187
70	110	54	21	35	61	90	39
388	521	376	358	221	371	361	263
284	377	210	284	169	224	206	173
104	144	166	74	52	147	155	90
89	118	67	59	45	68	85	55
26	55	23	43	20	19	12	13
63	63	44	16	25	49	73	42
82	338	88	75	40	74	42	165
51	260	46	63	22	20	1	155
31	75	42	12	18	54	41	10
2,884	3,316	2,597	3,209	2,216	2,369	2,236	2,044
2,805	3,121	2,543	3,183	2,181	2,305	2,146	2,000
79	195	54	26	35	64	90	44
427	531	364	363	241	378	357	260
287	382	197	289	173	226	202	170
140	149	167	74	68	152	155	90
90	115	56	60	44	67	84	46
24	53	10	42	18	17	8	10
66	62	46	18	26	50	76	36

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

Level of Education	Philippines	Metropolitan				
		Manila Area (National Capital Region) <sup>1</sup>	Region 1	Region 2	Region 3	Region 4
<b>Pre-School</b>						
1980-81	1,194	242	219	37	57	57
1981-82	1,359	290	245	133	57	80
1982-83	1,464	361	271	18	57	114
1983-84	1,579	336	285	154	66	93
1984-85	...	...	...	...	...	...
1985-86	...	...	...	...	...	...
<b>Elementary</b>						
1975-76	252,469	...	23,900	11,062	23,871	54,334
1976-77	255,746	21,928	23,294	10,904	23,884	33,481
1977-78	258,947	22,513	23,461	11,613	24,255	33,257
1978-79	254,690	22,353	23,056	11,443	24,177	32,127
1979-80	253,911	22,883	22,735	11,407	23,865	32,149
1980-81	255,343	22,481	23,319	11,543	24,272	31,885
1981-82	261,131	23,413	23,026	11,821	24,389	32,462
1982-83	261,860	23,414	23,390	11,822	24,389	32,478
1983-84	270,493	24,665	23,115	12,280	25,028	33,642
1984-85	273,699	25,036	23,188	12,571	25,402	34,535
1985-86	277,076	25,241	23,417	12,873	25,480	35,344
<b>Secondary</b>						
1975-76	33,183	...	3,759	1,331	3,085	12,414
1976-77	38,296	9,146	4,880	1,313	3,591	4,897
1977-78	44,613	9,583	4,774	2,277	3,865	4,963
1978-79	46,418	...	...	...	...	...
1979-80	48,223	10,567	3,824	2,542	3,672	5,941
1980-81	51,194	10,247	5,239	2,774	3,988	5,500
1981-82	53,355	10,769	5,656	2,707	4,311	5,792
1982-83	56,026	10,112	5,644	2,796	3,966	6,882
1983-84	69,563	9,499	7,317	2,832	5,658	8,634
1984-85	59,263	8,092	6,233	2,413	4,820	7,356
1985-86	62,738	10,491	6,704	3,134	5,365	8,399

<sup>1</sup>Metropolitan Manila Area (National Capital Region) still combined with Region 4 up to SY 1975-76.

Source: Department of Education, Culture and Sports.

## TEACHERS IN GOVERNMENT SCHOOLS BY REGION: SY 1975-76 TO 1985-86

Region 5 Region 6 Region 7 Region 8 Region 9 Region 10 Region 11 Region 12

27	311	30	75	10	37	11	81
45	256	61	48	9	27	23	85
46	380	37	44	27	17	18	74
53	298	71	56	11	31	27	98
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
21,612	27,670	20,197	17,224	11,746	13,500	14,879	12,474
20,729	28,384	20,099	18,084	13,265	14,157	15,096	12,441
20,927	28,455	20,415	18,944	13,427	13,605	15,219	12,856
20,697	27,928	20,474	18,551	13,333	13,613	14,578	12,360
20,426	27,651	19,974	18,418	13,144	13,299	15,205	12,755
20,668	28,282	19,865	18,167	12,581	13,921	15,742	12,617
20,902	28,025	20,547	18,496	13,913	14,384	15,851	13,902
20,902	28,198	20,547	18,499	13,880	14,534	15,851	13,956
21,506	28,864	21,920	18,710	13,863	14,947	17,129	14,824
21,854	29,005	20,895	18,748	14,149	14,950	18,151	15,215
21,874	29,084	20,876	18,867	15,143	15,387	18,221	15,269
1,632	3,187	834	2,115	826	1,340	1,711	949
1,965	4,198	968	2,164	1,077	1,571	1,888	638
2,305	6,065	1,783	2,564	1,482	1,837	2,161	954
2,873	6,069	2,122	3,023	2,135	1,750	2,114	1,591
3,073	6,779	2,248	2,248	1,999	1,840	2,890	2,369
3,241	7,123	2,299	2,299	1,985	2,399	3,146	1,628
3,743	7,873	2,491	2,491	1,979	2,846	3,294	1,909
5,479	9,046	3,288	4,097	2,946	3,672	4,297	2,798
4,668	7,707	2,801	3,490	2,510	3,128	3,661	2,384
3,904	4,399	3,253	6,433	2,335	3,287	2,564	2,470

Table 10.4 - PRE-SCHOOL, ELEMENTARY AND SECONDARY  
SY 1954-55

School Year	Pre-School			Total
	Total	Government	Private	
1954-55	...	...	...	3,444,417
1959-60	...	...	...	4,150,743
1964-65	...	...	...	5,577,901
1969-70	...	...	...	6,855,501
1970-71	...	...	...	6,968,987
1971-72	...	...	...	7,001,970
1972-73	...	...	...	7,014,761
1973-74	...	...	...	7,269,008
1974-75	...	...	...	7,453,331
1975-76	...	...	...	7,597,279
1976-77	...	...	...	7,808,158
1977-78	...	...	...	7,861,641
1978-79	...	...	...	8,178,611
1979-80	...	...	...	8,227,355
1980-81	124,844	46,893	77,951	8,290,444
1981-82	152,262	52,048	100,214	8,518,283
1982-83	153,884	62,521	91,363	8,591,267
1983-84	181,726	68,190	113,536	8,717,469
1984-85	177,593	74,136	103,457	8,793,773
1985-86	...	...	...	8,896,920

Source: Department of Education, culture and Sports.

ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS:  
to 1985-1986

Elementary			Secondary	
Government	Private	Total	Government	Private
3,305,103	139,314	559,868	187,373	372,495
3,970,750	179,993	611,544	200,164	411,380
5,330,334	247,567	961,559	318,498	643,061
6,521,143	334,358	1,591,356	675,840	915,516
6,627,743	341,244	1,719,386	762,984	956,402
6,659,544	342,426	1,800,684	812,260	988,424
6,659,814	354,947	1,873,978	862,030	1,011,948
6,904,831	364,177	1,920,445	874,763	1,045,682
7,067,248	386,083	2,072,920	939,033	1,133,887
7,197,878	399,401	2,240,448	1,010,218	1,230,230
7,387,178	420,980	2,475,711	1,172,744	1,302,967
7,424,254	437,387	2,669,646	1,292,910	1,376,736
7,780,313	398,298	2,522,828	1,386,042	1,136,786
7,817,450	409,905	2,766,874	1,489,959	1,276,915
7,931,164	359,280	3,018,568	1,614,554	1,404,014
8,073,290	444,993	2,935,732	1,591,510	1,344,222
8,164,061	427,206	3,074,219	1,721,159	1,353,060
8,228,554	488,915	3,204,551	1,844,174	1,360,377
8,269,825	523,948	3,323,063	1,957,444	1,365,619
8,392,103	504,817	3,269,434	1,949,542	1,319,892

Table 10.5 - TERTIARY ENROLMENT IN GOVERNMENT AND FIRST SEMESTER

Field of study	Philippines	Metropolitan			
		Manila Area (National Capital Region)	Region 1	Region 2	Region 3
Total	1,809,964	667,235	122,847	40,697	129,032
Bachelor	1,544,525	585,678	108,840	33,923	109,949
General	102,943	32,817	4,689	3,818	6,995
Teacher Training & Education	166,133	20,492	15,315	7,218	15,543
Fine Arts	5,273	4,466	324	-	37
Humanities	3,447	1,626	293	-	104
Religion and Theology	1,983	785	70	-	-
Social and Behavioral	15,294	9,199	2,187	78	459
Commercial and Business					
Administration	547,844	209,419	30,545	11,710	41,144
Law and Jurisprudence	20,838	6,306	1,717	80	1,106
Natural Science	14,810	5,302	2,404	89	427
Mathematics and					
Computer Science	24,032	17,042	467	80	2,087
Medical and Health					
Related Program	108,724	59,397	8,614	430	2,944
Trade Craft and					
Industrial Program	107,496	34,049	10,547	3,237	12,017
Engineer Programs	275,422	136,131	20,006	3,790	18,909
Architectural and					
Town Planning	21,665	11,979	3,645	63	1,798
Agricultural, Forestry					
& Fishing Program	45,930	3,317	3,470	2,070	3,591
Home Economics (Domestic)	9,463	2,295	798	487	1,497
Transportation &					
Communication Program	25,707	5,343	1,889	-	782
Service Trades Program	16,666	9,254	699	195	74
Mass Communication					
& Documentation	3,956	2,466	199	449	230
Other Programs of Education	26,888	13,993	962	129	205
Graduate <sup>1</sup>	17,508	2,850	1,063	953	957
Non-Degree <sup>1</sup>	247,931	78,707	12,944	5,821	18,126

<sup>1</sup> Based on 76% retrieval.

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

PRIVATE SCHOOLS BY FIELD OF STUDY AND BY REGION:  
OF SY 1984-85

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
109,498	87,095	162,475	148,805	60,938	51,951	81,861	93,510	54,020
93,072	72,298	131,685	122,500	48,247	42,835	68,518	80,773	46,207
7,160	5,300	7,773	7,750	3,787	4,049	7,632	7,472	3,701
15,938	11,594	16,050	14,166	9,599	8,090	12,313	10,478	9,337
12	79	129	77	-	3	38	67	46
322	38	224	92	149	168	76	355	-
437	-	94	248	-	-	-	329	25
787	261	629	555	390	224	58	467	-
40,939	26,157	54,068	32,219	16,298	13,856	23,271	33,919	14,299
147	637	1,920	3,358	1,388	1,740	401	987	1,049
488	113	1,093	2,916	262	514	165	897	140
451	93	2,613	732	104	97	16	250	-
4,152	3,365	5,253	13,210	1,212	2,319	2,614	3,991	1,223
8,666	6,101	7,711	7,747	3,854	2,462	4,573	4,925	1,607
6,836	7,025	19,979	25,421	5,073	4,468	10,409	11,600	5,775
572	538	950	1,406	120	262	256	77	-
3,805	7,544	4,723	3,512	3,300	2,860	3,088	1,761	2,889
437	284	810	573	573	809	344	182	374
799	900	5,684	4,840	1,341	540	869	2,007	713
961	655	456	2,616	717	-	833	188	20
-	80	230	86	28	60	2	55	71
163	1,534	1,296	976	52	314	1,560	766	4,938
1,034	830	2,419	1,948	865	896	1,754	1,305	634
15,392	13,967	28,371	24,357	11,826	8,220	11,589	11,432	7,179

Table 10.6 - TERTIARY GRADUATES BY PROGRAM,

Program	Metropolitan					
	Philippines	Manila Area	Region	Region	Region	Region
	(National Capital	1	2	3		
Total	254,899	92,061	18,562	5,571	20,272	
General Programs	11,415	3,939	439	403	400	
Teacher Education	22,706	3,547	2,507	1,101	2,061	
Fine Arts	598	544	9	-	6	
Humanities	457	251	45	-	2	
Religion	328	67	14	-	2	
Social and Behavioural	2,237	1,277	321	12	59	
Commerce & Business						
Administration	85,965	29,183	4,602	1,884	7,761	
Law and Jurisprudence	2,117	711	114	-	38	
Natural Science	2,371	1,061	218	9	57	
Mathematics and Computer	17,338	13,729	75	6	1,669	
Medical and Health	15,187	7,851	1,461	35	336	
Trade, Craft and Industry	38,379	10,496	5,722	1,120	3,945	
Engineering	26,853	11,816	1,217	276	1,971	
Architecture	988	553	62	-	22	
Agriculture, Forestry and Fisheries	7,948	454	871	361	952	
Home Economics	2,446	844	67	98	311	
Transportation and Communication	8,044	1,448	551	-	72	
Service Trade	2,318	1,508	116	94	23	
Mass Communication	1,219	179	11	131	14	
Course Not Specified	5,985	2,603	140	41	571	

Source: Department of Education, Culture and Sports.

BY REGION, AND BY MAJOR CATEGORY: SY 1984-85

Region Region

4 5 6 7 8 9 10 11 12

18,936	11,570	23,827	22,099	6,948	5,378	12,301	12,189	5,185
731	895	1,028	791	321	353	1,007	675	433
2,096	1,581	2,657	1,509	1,343	917	1,457	913	1,017
-	5	12	13	-	2	4	3	-
69	-	15	7	23	18	-	27	-
27	-	9	162	-	-	-	37	10
157	70	58	138	35	27	2	81	-
9,374	4,243	7,371	5,635	2,435	2,117	3,908	5,538	1,914
16	83	304	436	99	137	48	113	18
34	10	166	592	22	34	20	130	18
244	-	1,554	18	19	9	-	15	-
581	420	595	2,440	98	287	400	485	198
3,527	2,124	3,199	3,067	620	434	1,780	1,965	380
905	750	3,018	3,435	711	281	982	1,056	435
8	32	54	140	55	5	4	53	-
667	584	933	577	514	516	630	338	551
124	51	192	294	151	82	138	33	61
339	375	2,075	1,607	252	27	557	626	115
4	31	84	276	115	15	25	27	-
-	8	28	762	59	6	19	2	-
33	308	475	200	76	111	1,320	72	35

Table 10.7 - NUMBER OF TEACHERS IN GOVERNMENT AND PRIVATE  
TERTIARY INSTITUTIONS BY REGION: SY 1980-81 to 1984-85

Region	1980-81	1981-82	1982-83	1983-84	1984-85
Philippines	43,770	45,893	49,363	51,337	50,767
Metropolitan Manila Area (National Capital Region)	14,563	15,185	16,482	20,656	14,797
Region 1	2,993	4,085	5,222	4,257	4,343
Region 2	965	832	608	1,447	1,853
Region 3	2,784	2,959	3,533	3,712	3,914
Region 4	2,100	3,370	3,842	2,685	4,605
Region 5	2,412	2,422	3,092	2,103	3,057
Region 6	5,123	3,534	3,472	3,302	4,221
Region 7	4,095	4,178	4,395	4,007	3,028
Region 8	1,603	1,621	1,581	1,646	2,416
Region 9	1,224	1,471	1,625	1,483	1,468
Region 10	1,993	2,005	2,005	2,012	2,781
Region 11	2,141	2,230	2,164	2,386	2,870
Region 12	1,774	2,001	1,342	1,641	1,414

Source: Department of Education, Culture and Sports.

Table 10.8 - BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE AND SPORTS AS A PERCENTAGE OF THE NATIONAL GOVERNMENT BUDGET: 1956 TO 1987

Year	National Budget	DECS Budget	Percent of the National Government Budget
1956	602,007,347	178,668,605	29.68
1957	629,274,598	198,383,485	31.53
1958	774,366,939	208,718,340	26.95
1959	892,057,713	224,659,635	25.18
1960	899,675,800	247,386,570	27.50
1961	1,092,919,070	306,879,520	28.08
1962	1,189,617,668	352,029,968	29.59
1963	1,382,978,620	404,771,350	29.27
1964	1,972,080,923	507,155,150	25.72
1965	2,102,363,873	555,250,130	26.41
1966	2,003,048,779	596,211,624	29.77
1967	2,073,825,028	646,123,570	31.16
1968	2,276,470,844	688,909,856	30.26
1969	2,904,717,991	780,265,341	26.86
1970	3,323,698,915	829,945,302	24.97
1971	3,716,215,837	1,004,394,189	27.03
1972	4,169,732,780	1,093,620,009	26.23
1973	7,941,154,696	1,296,695,883	16.33
1974	8,711,148,500	1,496,355,000	17.18
1975	14,499,714,500	1,643,183,000	11.33
1976	22,399,000,000	1,681,387,000	7.51
1977	27,390,000,000	2,040,000,000	7.45
1978	28,681,493,000	3,195,276,000	11.14
1979	32,226,067,000	3,447,234,000	10.70
1980	37,894,032,000	3,414,378,000	9.01
1981	50,319,957,000	3,827,280,000	7.61
1982	57,090,994,000	4,387,012,000	7.68
1983	61,837,776,000	5,471,935,000	8.85
1984	53,450,490,000	5,613,082,000	10.50
1985	58,328,941,000	6,145,907,000	10.54
1986	67,409,044,562	8,712,162,000	12.92
1987 <sup>1</sup>	79,321,042,000	12,321,912,000	15.54

<sup>1</sup>Includes P4,458,000 budget of the National Commission on the Role of Filipino Women.

Source: Planning and Programming Division, DECS.

Table 10.9 - NUMBER OF EXAMINEES WHO PASSED THE

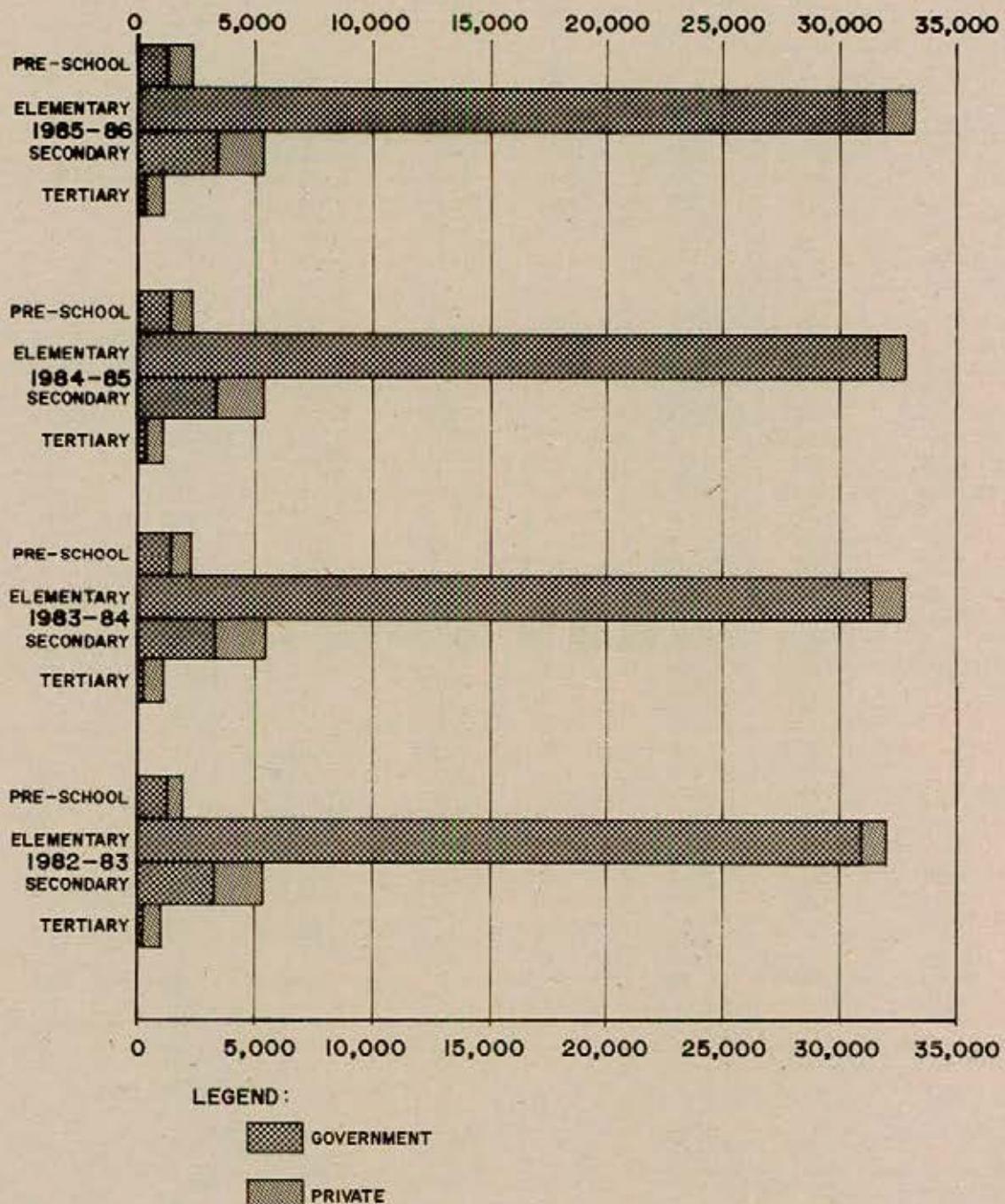
Board/Bar Examination	1976	1977	1978
TOTAL	29,650	40,606	46,859
Agriculture Engineer	72	39	148
Aeronautical Engineer	...	...	...
Architect	317	350	384
Bar	985	1,038	1,076
Certified Public Accountant	1,829	3,177	3,548
Chemical Engineer	249	700	1,018
Chemist	217	205	290
Civil Engineer	1,321	1,657	2,015
Contractor	507	544	850
Criminology (unimplemented)	...	...	...
Customs Broker	-	201	175
Deck Officer (all grades)	3,907	2,955	3,427
Dentist	273	328	489
Dietician/Nutritionist	61	105	-
Electrical Engineer	1,931	2,054	1,815
Electronics and Communication Engineer	154	173	135
Engine Officer	5,178	4,554	3,913
Forester	57	103	190
Geodetic Engineer	73	95	90
Geologist	49	-	64
Master Plumber	-	41	63
Mechanical Engineer	1,913	3,059	3,191
Medicine (with Prelims)	1,204	1,262	1,337
Medical Technology	1,368	1,366	1,569
Metallurgical Engineer	-	-	-
Midwife	6,115	6,359	5,745
Mining Engineer	54	94	45
Naval Architect	7	5	11
Nurse	468	9,291	13,960
Optometry	308	195	-
Pharmacy	255	482	550
Physical Therapy/Occupational Therapy	253	57	66
Sanitary Engineer	20	38	40
Social Worker	444	-	555
Sugar Technology	-	-	-
Veterinarian	61	79	100

\* Transferred to the jurisdiction of the Department of Trade & Industry.  
 Source: Professional Regulation Commission,  
 Supreme Court of the Philippines.

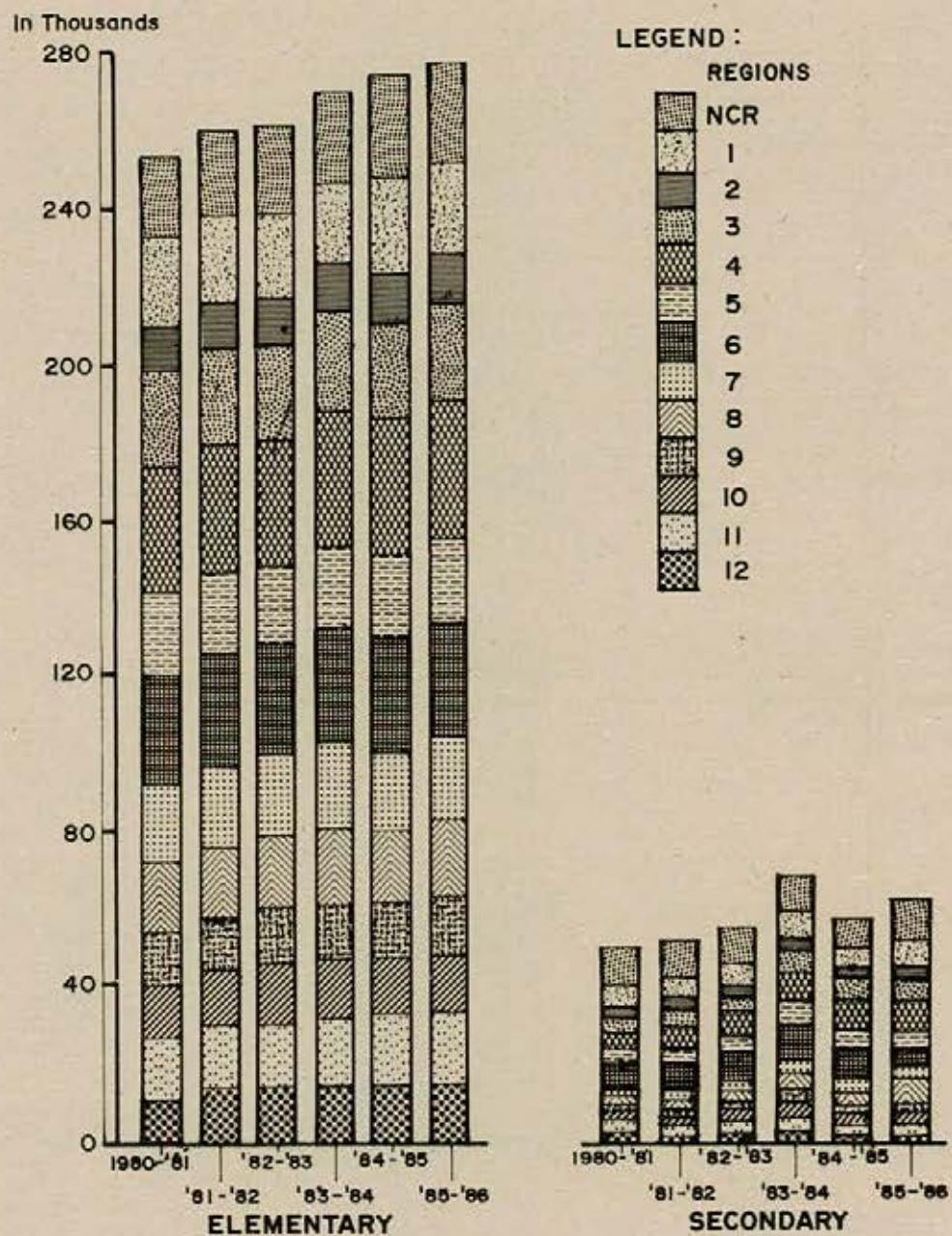
## BOARD/BAR EXAMINATIONS: 1976 to 1986

1979	1980	1981	1982	1983	1984	1985	1986
42,661	37,862	37,837	45,711	39,150	40,701	40,357	32,903
302	160	242	421	327	429	454	77
...	...	...	...	...	26	35	29
222	219	238	481	161	501	669	686
903	605	841	433	523	563	701	491
3,425	3,905	3,365	5,300	4,762	5,625	4,875	3,732
652	811	642	670	1,251	1,061	1,218	758
292	196	339	a	212	263	241	242
1,712	1,690	2,574	3,566	4,717	5,299	5,623	2,510
636	a	a	a	a	a	a	a
...	...	...	...	...	...	...	...
217	216	...	179	...	...	239	10
3,304	2,567	3,691	4,751	4,881	4,665	4,325	2,871
453	699	853	1,053	1,176	1,425	1,530	1,299
886	671	541	1,230	510	390	330	333
1,983	1,851	1,845	2,255	1,934	2,118	2,754	2,467
50	-	97	238	-	209	846	392
2,740	2,492	3,397	3,831	3,989	4,085	4,064	2,856
235	185	354	229	...	533	286	395
31	127	176	328	275	553	354	228
73	96	52	156	-	113	74	62
90	50	69	58	54	84	71	28
3,488	-	2,605	2,456	3,132	2,965	2,457	1,977
1,268	1,301	1,220	1,513	1,678	1,536	1,468	3,604
1,262	-	1,248	691	824	889	1,016	912
-	-	-	14	21	17	17	9
4,230	4,319	3,346	3,205	2,583	2,048	1,792	2,022
203	113	105	84	47	89	126	15
15	2	6	10	37	44	23	29
12,432	14,068	8,078	9,741	5,351	2,960	3,112	3,356
230	188	246	454	...	265	324	250
591	600	606	530	637	635	740	406
95	83	8	88	34	91	326	75
21	52	96	106	17	107	115	72
528	596	826	1,305	...	906	425	338
-	-	0	0	17	9	...	...
92	-	131	335	...	198	489	372

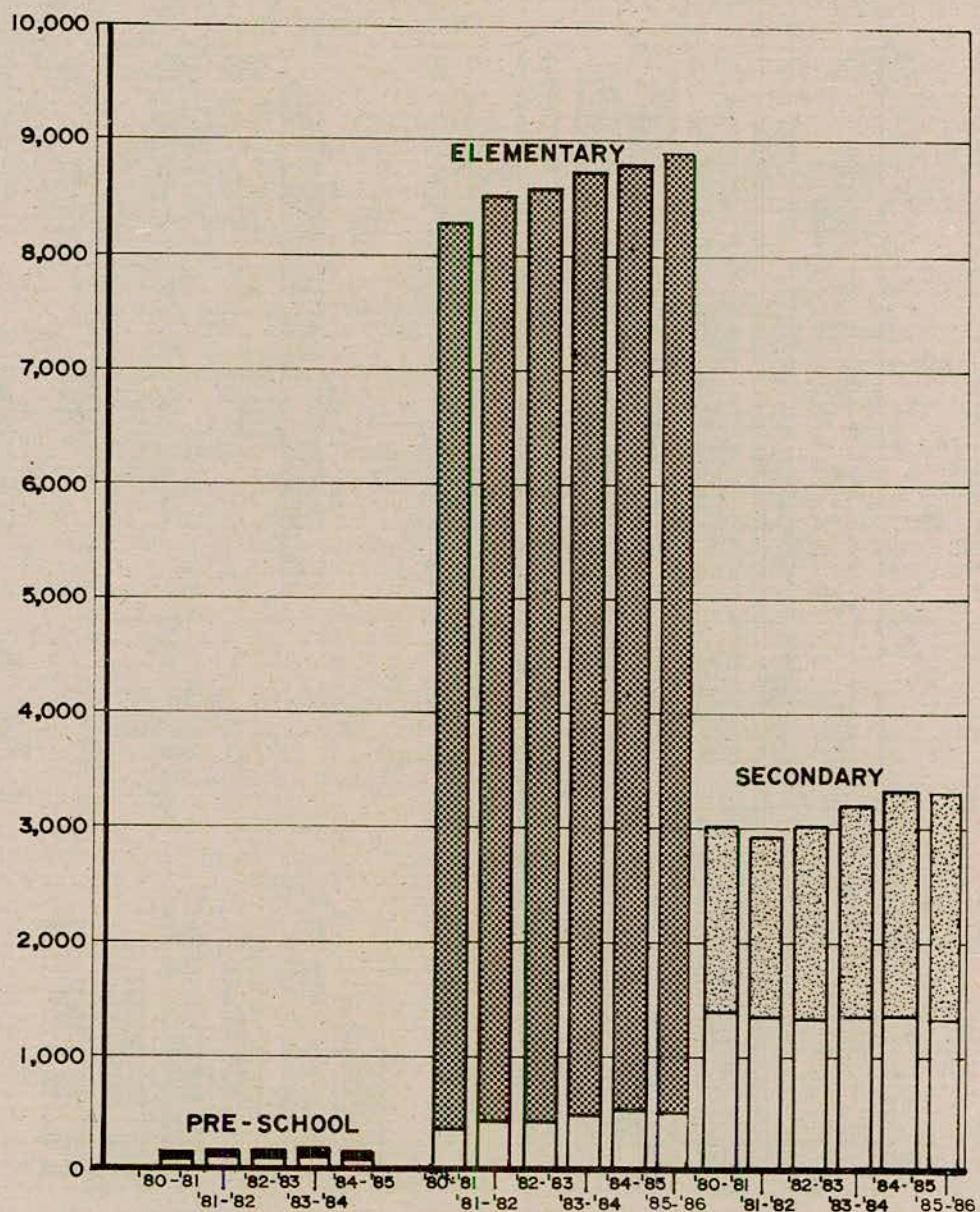
**Figure 10.1**  
 NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS BY  
 LEVEL OF EDUCATION: SY 1982-83 to SY 1985-86



**Figure 10.2**  
 NUMBER OF ELEMENTARY AND SECONDARY TEACHERS  
 IN GOVERNMENT SCHOOLS BY REGION: SY 1980-81 to SY 1985-86



**Figure 10.3**  
 PRE-SCHOOL, ELEMENTARY AND SECONDARY  
 ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS:  
 SY 1980-81 to SY 1985-86



**NOTE :**  
 SHADED - GOVERNMENT  
 BLANK - PRIVATE

## CHAPTER 11

### LABOR AND EMPLOYMENT

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## CHAPTER 11

### LABOR AND EMPLOYMENT

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.

Data on labor and employment, therefore, are not mere reflections of the conditions of the working populace. A more significant use of these data is that they serve as inputs to government processes involving the formulation of policies aimed at providing adequate employment opportunities for the social upliftment of the constituents of the sector.

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 was defined as the part of the population 10 years old and over that is either employed or unemployed. The "past week" reference period was used in surveys prior to 1976 after which the "past quarter" reference period was used. In any case, employed persons include all those who were reported at work, those with a job but not at work while the unemployed include all those who were reported 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 the belief that no work is available or 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 not working and not looking for work during the survey period. Labor force and employment statistics are published in the NCSO 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 classified by industry and occupation group and other socioeconomic characteristics, the number of unemployed and their characteristics, legislated money and real wage rates and the number of Filipino workers overseas presented by major occupational and work groupings.

Table 11.1 - HOUSEHOLD POPULATION 15 YEARS OLD AND OVER  
THIRD QUARTERS,

		Philippines	Metropolitan Manila Area (National Capital Region)	1	2
<b>Projected household population</b>					
15 years old and over:					
Number (in thousands)	1980	28,967	3,862	2,158	1,316
	1981	29,847	3,976	2,195	1,357
	1982	30,748	4,092	2,240	1,400
	1983	31,676	4,215	2,286	1,443
	1984	32,682	4,413	2,332	1,487
	1985	33,646	4,575	2,376	1,531
	1986	34,612	4,738	2,419	1,574
Percent in the labor force	1980	59.8	53.3	55.7	65.9
	1981	61.7	54.6	60.5	68.8
	1982	60.1	55.7	58.0	65.9
	1983	64.1	55.0	61.6	70.4
	1984	64.2	58.9	60.3	73.0
	1985	63.4	59.5	56.6	68.0
	1986	63.8	53.6	59.4	76.8
Percent of labor force:					
Employed	1980	95.0	89.5	97.2	96.1
	1981	94.7	88.4	96.6	95.1
	1982	94.0	86.8	96.8	95.3
	1983	94.6	87.8	96.0	97.2
	1984	93.8	83.7	97.3	95.0
	1985	92.9	77.9	96.3	94.2
	1986	93.3	80.7	96.4	92.1
Unemployed	1980	5.0	10.5	2.8	3.9
	1981	5.3	11.6	3.4	4.9
	1982	6.0	13.2	3.2	4.7
	1983	5.4	12.2	4.0	2.8
	1984	6.2	16.3	2.7	5.0
	1985	7.1	22.1	3.7	5.8
	1986	6.7	19.3	3.6	7.9
Percent of employed:					
Agriculture	1980	51.4	1.5	60.4	70.7
	1981	51.1	1.6	58.8	70.9
	1982	51.3	1.3	60.0	73.5
	1983	51.4	1.4	58.7	69.3
	1984	49.5	1.2	56.4	63.1
	1985	48.4	1.2	52.4	61.5
	1986	49.9	1.5	57.1	68.9
Non-agriculture	1980	48.6	98.5	39.6	29.3
	1981	48.9	98.4	41.2	29.1
	1982	48.7	98.7	40.0	26.5
	1983	48.6	98.6	41.3	30.7
	1984	50.5	98.8	43.6	36.9
	1985	51.6	98.8	47.6	38.5
	1986	50.1	98.5	42.9	31.1

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

Source: National Census and Statistics Office.

BY EMPLOYMENT STATUS AND BY REGION:  
1980 TO 1986

Region										
3	4	5	6	7	8	9	10	11	12	
2,880	3,954	2,013	2,702	2,276	1,642	1,496	1,625	1,983	1,324	
2,981	3,817	2,058	2,776	2,342	1,687	1,545	1,687	2,065	1,360	
3,086	3,689	2,104	2,851	2,408	1,731	1,590	1,746	2,151	1,395	
3,191	3,450	2,152	2,927	2,476	1,776	1,637	1,808	2,238	1,431	
3,298	3,269	2,200	3,001	2,543	1,820	1,686	1,871	2,327	1,468	
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	2,509	1,541	
56.4	60.2	63.7	63.1	62.4	62.6	53.0	61.4	65.1	61.6	
56.8	61.5	66.4	63.4	66.0	63.8	51.6	67.6	68.5	62.5	
53.5	60.2	65.7	62.8	63.7	60.2	53.5	60.5	66.1	61.7	
55.5	63.8	73.0	70.4	69.3	64.8	53.9	72.1	69.9	65.6	
56.2	58.0	70.8	65.6	68.7	79.2	58.8	70.6	68.8	64.2	
56.5	61.2	70.3	64.7	66.9	72.8	59.0	67.8	68.0	63.6	
58.5	62.2	69.1	64.8	67.6	74.2	60.7	69.2	66.8	67.0	
94.0	94.8	97.4	95.8	96.4	96.0	94.4	94.9	96.0	96.1	
93.2	95.9	96.8	95.8	96.6	94.7	96.5	94.8	94.3	97.4	
93.3	93.7	97.0	95.8	95.8	96.3	93.8	94.5	93.4	96.3	
94.6	93.6	98.0	97.2	95.7	96.8	95.1	94.2	91.8	97.6	
93.3	93.4	96.1	95.5	97.5	92.4	97.0	96.8	94.4	96.9	
93.1	93.4	97.1	95.5	96.6	94.4	93.4	95.8	94.9	98.0	
93.0	94.4	96.0	95.6	97.1	94.5	95.1	94.2	94.2	97.9	
6.0	5.2	2.6	4.2	3.6	4.0	5.6	5.1	4.0	3.9	
6.8	4.1	3.2	4.2	3.4	5.3	3.5	5.2	5.7	2.6	
6.7	6.3	3.0	4.2	4.2	3.7	6.2	5.5	6.6	3.7	
5.4	6.4	2.0	2.8	4.3	3.2	4.9	5.8	8.2	2.4	
6.7	6.6	3.9	4.5	2.5	7.6	3.0	3.2	5.6	3.1	
6.9	6.6	2.9	4.5	3.4	5.6	6.6	4.2	5.1	2.0	
7.0	5.6	4.0	4.4	2.9	5.5	4.9	5.8	5.8	2.1	
38.3	45.5	61.9	61.4	56.9	70.0	63.8	57.8	63.1	68.5	
39.0	43.9	60.6	61.5	55.1	68.7	64.5	62.2	61.0	68.2	
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	
61.7	54.5	38.1	38.6	43.0	30.0	36.2	42.2	38.7	31.5	
61.0	56.1	39.4	38.5	44.9	31.3	35.5	37.8	38.9	31.8	
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	

Table 11.2 - LABOR FORCE PARTICIPATION RATE, EMPLOYMENT STATUS,  
URBAN AND RURAL; 1975 TO 1986  
(Number of persons in the labor force in thousands)

Year/area	Labor force participation rate (percent)	Total labor force	Labor force by employment status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
<b>Philippines</b>						
1975	51.0	15,161	14,517	95.8	643	4.2
1976	60.5	15,017	14,238	94.8	780	5.2
1977	58.2	15,002	14,334	95.5	668	4.5
1978	62.5	16,792	16,101	95.9	691	4.1
1979	61.4	16,945	16,267	96.0	678	4.0
1980	59.8	17,308	16,434	95.0	874	5.0
1981	61.7	18,423	17,452	94.7	970	5.3
1982	60.1	18,474	17,371	94.0	1,102	6.0
1983	64.1	20,310	19,212	94.6	1,099	5.4
1984	64.2	20,969	19,673	93.8	1,296	6.2
1985	63.4	21,318	19,801	92.9	1,517	7.1
1986	63.8	22,067	20,595	93.3	1,472	6.7
<b>Urban</b>						
1975	47.4	4,822	4,444	92.2	377	7.8
1976	58.1	4,972	4,548	91.5	424	8.5
1977	55.5	4,954	4,595	92.8	359	7.2
1978	57.5	5,403	5,081	94.0	322	6.0
1979	...	...	...	...	...	...
1980	54.8	5,252	4,820	91.8	432	8.2
1981	56.4	5,575	5,112	91.7	463	8.3
1982	56.2	5,722	5,160	90.2	562	9.8
1983	57.8	6,067	5,502	90.7	565	9.3
1984	59.9	7,766	6,935	89.3	831	10.7
1985	59.4	7,892	6,960	88.2	932	11.8
1986	59.6	8,037	7,115	88.5	922	11.5
<b>Rural</b>						
1975	52.8	10,339	10,073	97.4	266	2.6
1976	61.7	10,049	9,690	96.4	355	3.5
1977	59.6	14,049	9,739	69.3	310	2.2
1978	65.1	11,390	11,020	96.8	370	3.2
1979	...	...	...	...	...	...
1980	62.2	12,056	11,614	96.3	442	3.7
1981	64.4	12,847	12,339	96.0	508	4.0
1982	62.0	12,751	12,211	95.8	540	4.2
1983	67.3	14,243	13,709	96.3	534	3.7
1984	66.9	13,202	12,738	96.5	464	3.5
1985	66.0	13,426	12,841	95.6	585	4.4
1986	66.3	14,030	13,480	96.1	549	3.9

Source: National Census and Statistics Office.

Figure 11.1  
EMPLOYED PERSONS BY MAJOR INDUSTRY GROUP: 1977 TO 1986

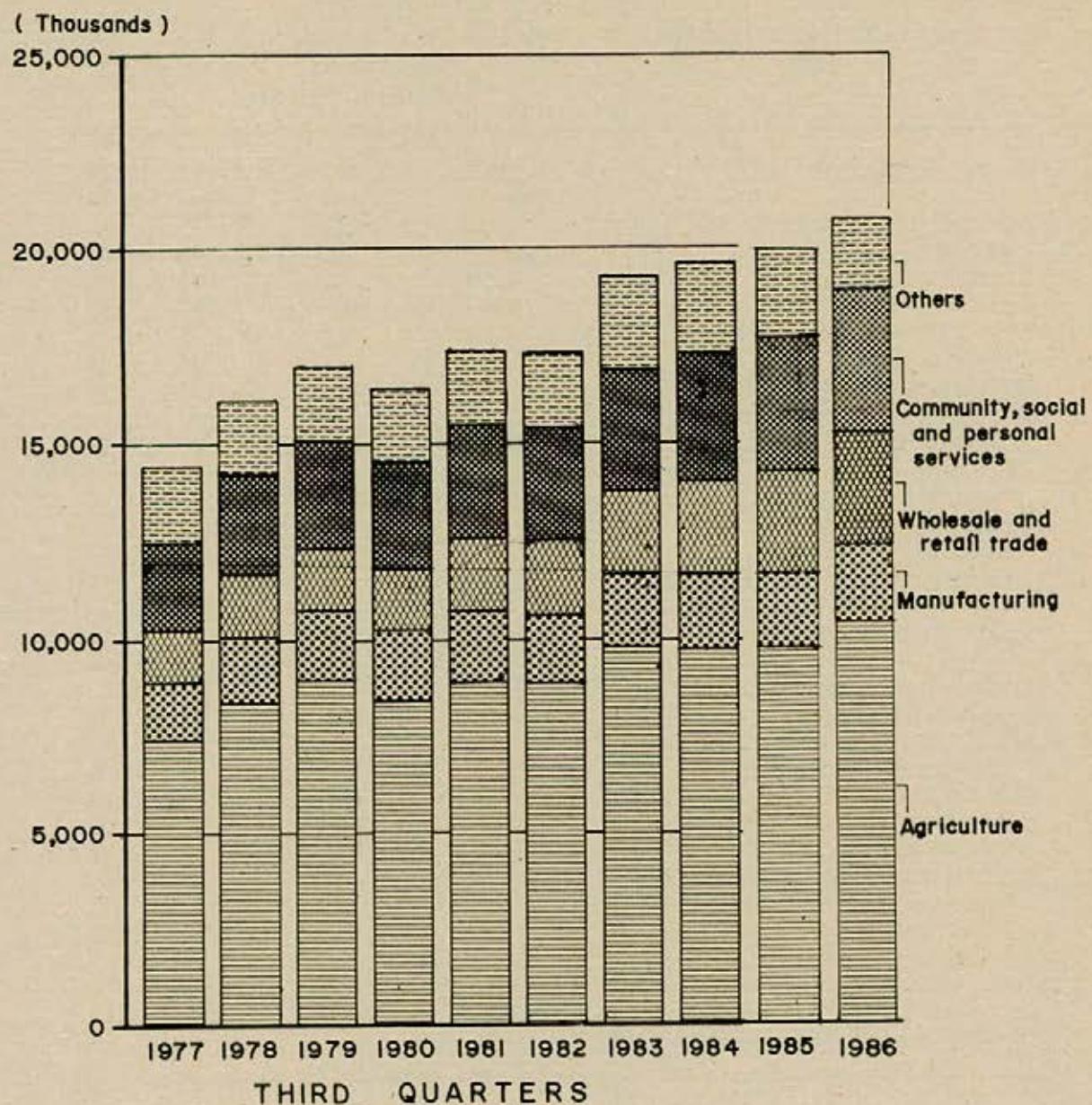


Table 11.3 - EMPLOYED PERSONS BY MAJOR INDUSTRY AND  
(In

Major industry/occupation group	Total	Metropolitan Manila Area (National Capital Region)		
		1	2	
Industry	20,595	2,049	1,384	1,114
Agriculture, fishery and forestry	10,289	31	790	767
Mining and quarrying	150	1	38	4
Manufacturing	1,905	382	93	38
Electricity, gas and water	62	11	5	1
Construction	629	112	46	25
Wholesale and retail trade	2,814	- 444	142	79
Transportation, storage and communication	841	179	46	29
Financing, insurance, real estate & business services	390	187	18	8
Community, social and personal services	3,516	701	207	162
Industry not adequately defined	-	-	-	-
Occupation	20,595	2,049	1,384	1,114
Professional, technical and related workers	1,144	203	72	72
Administrative, executive and managerial worker	182	55	11	6
Clerical and related workers	845	260	42	23
Sales worker	2,756	439	138	82
Service worker	1,615	364	86	61
Agricultural, animal husbandry and forestry workers; fishermen and hunters	10,179	31	791	761
Production and related workers, transport equipment operators and laborers	3,873	699	243	109
Occupation not adequately defined	1	-	-	-

Source: National Census and Statistics Office.

BY MAJOR OCCUPATION GROUP AND BY REGION: THIRD QUARTER 1986  
 (thousands)

Region											
3	4	5	6	7	8	9	10	11	12		
1,910	2,656	1,523	1,949	1,754	1,336	1,028	1,301	1,579	1,011		
====	====	====	====	====	====	====	====	====	====	====	====
717	1,165	867	1,163	933	889	662	724	936	644		
8	9	13	6	24	3	2	18	24	-		
214	346	150	122	193	76	54	85	86	68		
7	6	5	5	6	1	4	7	3	3		
88	125	37	32	38	29	14	28	39	15		
306	393	186	252	219	164	120	170	217	123		
136	156	43	46	50	26	26	38	48	17		
39	41	15	12	19	7	10	13	16	5		
396	416	208	312	274	142	136	219	210	133		
-	-	-	-	-	-	-	-	-	-		
1,910	2,656	1,523	1,949	1,754	1,336	1,028	1,301	1,579	1,011		
====	====	====	====	====	====	====	====	====	====	====	====
120	152	75	90	75	44	44	72	71	54		
17	24	9	13	15	3	5	11	9	6		
88	102	32	58	66	22	28	53	54	18		
303	390	185	245	211	155	116	167	207	119		
178	178	97	161	124	73	56	89	97	52		
711	1,161	863	1,144	924	888	660	704	901	642		
494	650	263	237	338	153	120	206	241	120		
-	-	-	-	-	-	1	-	-	-		

Table 11.4 - EMPLOYED PERSONS BY MAJOR INDUSTRY  
(In

Major industry group and sex	Census 1970	November 1971	November 1972
Both sexes	11,358	12,543	12,581
Agriculture, forestry, hunting and fishing	6,100	6,321	6,863
Mining and quarrying	51	59	36
Construction	438	420	432
Manufacturing	1,354	1,439	1,323
Electricity, gas, water and sanitary services	33	49	44
Commerce	838	1,559	1,478
Transport, storage and communication	498	529	467
Government, community, business & recreational services	1,123	1,196	1,071
Personal services other than domestic	739	944	863
Industry not reported	184	27	4
Male	...	8,463	8,601
Agriculture, forestry, hunting and fishing	...	5,030	5,489
Mining and quarrying	...	58	33
Construction	...	417	428
Manufacturing	...	805	728
Electricity, gas, water and sanitary services	...	46	42
Commerce	...	676	624
Transport, storage and communication	...	507	449
Government, community, business & recreational services	...	676	602
Personal services other than domestic	...	234	204
Industry not reported	...	14	2
Female	...	4,080	3,981
Agriculture, forestry, hunting and fishing	...	1,292	1,374
Mining and quarrying	...	1	4
Construction	...	3	3
Manufacturing	...	634	595
Electricity, gas, water and sanitary services	...	2	3
Commerce	...	883	855
Transport, storage and communication	...	20	18
Government, community, business & recreational services	...	520	469
Personal services other than domestic	...	711	658
Industry not reported	...	13	2

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

Data from 1976 to present are based on household population 15 years old and over with the past week as reference period while data prior to 1976 are based on household population 10 years old and over with the past quarter as reference period.

Source: National Census and Statistics Office.

GROUP, BY SEX: 1970 to 1986  
 (thousands)

November 1973	November 1974	August 1975	Third quarter 1976	Third quarter 1977	Third quarter 1978	Third quarter 1980
13,865	13,826	14,518	14,237	14,335	16,118	16,434
7,766	7,684	7,768	7,659	77,474	8,422	8,453
51	47	54	81	52	61	94
350	403	456	428	484	519	588
1,396	1,423	1,651	1,598	1,598	1,515	1,743
37	36	46	51	42	49	58
1,537	1,549	1,623	1,398	1,355	1,626	1,660
504	491	492	600	681	699	732
1,198	1,225	1,335	1,388	338	361	336
996	940	1,054	986	2,298	2,625	2,693
30	28	39	48	96	15	6
9,282	9,386	9,613	9,630	9,889	10,467	10,828
6,000	6,053	6,080	5,949	5,978	6,254	6,431
50	44	51	78	50	56	83
343	395	450	424	477	509	578
801	802	879	919	830	892	1,006
34	33	41	47	39	45	53
689	697	692	583	534	581	556
484	478	469	570	647	670	694
640	644	702	715	220	241	231
223	224	225	309	1,051	1,208	1,191
18	16	24	36	63	11	5
4,583	4,439	4,904	4,607	4,446	5,651	5,606
1,765	1,631	1,688	1,710	1,495	2,168	2,021
1	3	2	3	2	4	12
7	8	6	4	7	10	11
595	621	772	679	685	850	808
3	2	5	4	3	4	5
849	852	931	815	821	1,045	1,103
20	13	23	30	34	28	38
558	581	632	673	119	120	105
773	716	830	677	1,247	1,418	1,502
12	12	15	12	33	4	1

Table 11.4 - EMPLOYED PERSONS BY MAJOR INDUSTRY  
(In)

Major industry group and sex	third quarter 1981	third quarter 1982	Fourth quarter 1983	third quarter 1983	First quarter 1984
Both sexes	17,452	17,371	18,117	19,212	18,715
Agriculture, fishery and forestry	8,928	8,920	8,939	9,880	9,215
Mining and quarrying	80	74	131	102	126
Manufacturing	1,807	1,741	1,862	1,887	1,939
Electricity, gas and water	66	53	69	78	83
Construction	592	604	698	697	814
Wholesale and retail trade	1,956	1,915	2,058	2,197	2,171
Transportation, storage & communication	734	758	808	831	915
Financing, insurance, real estate, and business services	324	383	358	356	410
Community, social and personal services	2,960	2,922	3,195	3,184	3,040
Industry not adequately defined or not reported	4	-	-	-	1
Male	11,249	11,270	11,600	11,926	12,052
Agriculture, fishery and forestry	6,608	6,731	6,641	6,946	6,771
Mining and quarrying	75	68	110	95	112
Manufacturing	975	923	985	1,004	1,020
Electricity, gas and water	58	47	57	67	72
Construction	583	588	686	679	806
Wholesale and retail trade	687	666	705	745	801
Transportation, storage & communication	705	723	771	794	884
Financing, insurance, real estate, and business services	201	231	218	214	251
Community, social and personal services	1,357	1,292	1,427	1,383	1,334
Industry not adequately defined or not reported	1	-	-	-	1
Female	6,203	6,101	617	7,286	6,664
Agriculture, fishery and forestry	2,320	2,189	2,297	2,934	2,444
Mining and quarrying	6	6	22	7	14
Manufacturing	833	818	876	883	919
Electricity, gas and water	8	6	12	11	11
Construction	9	16	13	18	9
Wholesale and retail trade	1,269	1,249	1,353	1,452	1,371
Transportation, storage & communication	29	35	36	37	31
Financing, insurance, real estate, and business services	123	152	140	142	159
Community, social and personal services	1,604	1,630	1,768	1,801	1,707
Industry not adequately defined or not reported	3	-	-	-	1

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

Data from 1976 to present are based on household population 15 years old and over with the past week as reference period while data prior to 1976 are based on household population 10 years old and over with the past quarter as reference period.

Source: National Census and Statistics Office.

GROUP, BY SEX: 1970 TO 1986 (continued)  
 thousands)

third quarter 1984	Fourth quarter 1984	First quarter 1985	Second quarter 1985	third quarter 1985	Fourth quarter 1985	First quarter 1986	Second quarter 1986	third quarter 1986	Fourth quarter 1986
19,632	19,368	19,144	19,723	19,801	20,327	19,972	20,463	20,595	20,926
9,740	9,705	9,433	9,737	9,698	10,085	9,888	10,192	10,289	10,418
138	133	136	121	128	129	127	130	150	152
1,931	1,847	1,917	1,876	1,922	1,926	1,939	1,923	1,905	1,906
81	71	70	78	73	79	62	62	62	63
759	716	707	726	684	678	685	683	629	678
2,437	2,438	2,433	2,590	2,611	2,650	2,652	2,788	2,814	2,855
874	881	847	862	931	913	856	892	841	860
368	370	408	360	342	351	334	342	390	355
3,304	3,204	3,190	3,372	3,408	3,515	3,429	3,450	3,516	3,639
1	3	1	-	-	1	-	1	-	-
12,318	12,289	12,257	12,477	12,519	12,758	12,756	12,964	12,905	13,186
7,125	7,169	7,064	7,243	7,233	7,434	7,403	7,588	7,570	7,703
123	120	118	111	120	120	114	121	141	141
1,017	978	1,015	968	1,003	989	1,031	997	947	967
66	60	60	67	59	67	52	51	53	53
747	705	698	717	678	668	676	674	622	667
816	824	835	862	860	861	895	934	949	953
837	847	815	827	889	871	825	859	810	825
224	233	261	238	232	221	209	216	251	236
1,362	1,350	1,390	1,444	1,446	1,526	1,549	1,524	1,562	1,641
1	3	-	-	-	-	-	1	-	-
7,313	7,079	6,887	7,246	7,282	7,569	7,216	7,499	7,690	7,740
2,615	2,536	2,369	2,494	2,465	2,651	2,486	2,604	2,719	2,715
14	13	18	11	8	9	13	9	9	12
913	869	902	907	919	937	908	925	959	939
15	11	10	12	14	12	9	11	8	10
12	11	9	9	12	10	9	10	6	11
1,621	1,614	1,598	1,727	1,751	1,789	1,757	1,854	1,865	1,902
37	34	32	35	42	41	31	32	30	35
144	137	147	122	111	130	124	126	139	118
1,942	1,854	1,801	1,928	1,962	1,988	1,880	1,926	1,954	1,998
-	-	-	-	-	1	-	-	-	-

Table 11.5 - EMPLOYED PERSONS BY MAJOR  
(In)

Major occupation group and sex	Census 1970	November 1971
Both sexes	11,358	12,543
Professional, technical and related workers	651	699
Administrative, executive and managerial workers	138	174
Clerical workers	369	449
Sales workers	775	1,419
Service workers	860	1,136
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	6,055	6,319
Production and related workers, transport equipment operators and laborers	2,382	2,324
Occupation not adequately defined	129	24
Male	...	8,463
Professional, technical and related workers	...	289
Administrative, executive and managerial workers	...	289
Clerical workers	...	279
Sales workers	...	570
Service workers	...	427
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	...	5,028
Production and related workers, transport equipment operators and laborers	...	1,720
Occupation not adequately defined	...	13
Female	...	4,080
Professional, technical and related workers	...	410
Administrative, executive and managerial workers	...	38
Clerical workers	...	170
Sales workers	...	849
Service workers	...	603
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	...	1,290
Production and related workers, transport equipment operators and laborers	...	709
Occupation not adequately defined	...	12

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

Data from 1976 to present are based on household population 15 years old and over with the past week as reference period while data prior to 1976 are based on household population 10 years old and over with the past quarter as reference period.

Source: National Census and Statistics Office.

OCCUPATION GROUP, BY SEX: 1970 TO 1986  
 (thousand)

November 1972	November 1973	November 1974	August 1975	Third quarter 1976	Third quarter 1977	Third quarter 1978	Third quarter 1980
12,582	13,865	13,824	14,517	14,238	14,334	16,101	16,434
595	701	751	805	900	888	990	1,049
136	131	149	148	166	106	154	162
457	518	509	556	593	650	710	747
1,314	1,357	1,360	1,415	1,301	1,372	1,625	1,676
1,019	1,139	1,097	1,255	1,083	1,094	1,233	1,243
6,849	7,735	7,656	7,740	7,434	7,429	8,345	8,391
2,204	2,252	2,285	2,569	2,725	2,747	3,017	3,161
7	30	28	29	35	48	31	5
8,600	9,282	9,386	9,612	9,630	9,889	10,463	10,827
236	287	305	334	349	377	410	410
102	102	120	119	125	89	127	122
261	283	277	289	323	363	384	400
523	571	573	551	519	543	577	585
370	369	387	419	419	454	525	520
5,474	5,971	6,033	6,053	5,806	5,934	6,199	6,380
1,631	1,679	1,673	1,832	2,059	2,103	2,221	2,405
4	20	17	15	30	26	20	5
3,982	4,582	4,438	4,905	4,607	4,444	5,636	5,606
358	415	446	472	550	512	580	639
33	30	29	29	40	17	27	40
197	236	232	268	270	286	326	346
792	786	787	863	782	829	1,048	1,092
574	573	600	736	664	640	703	723
1,376	1,764	1,623	1,687	1,628	1,494	2,146	2,009
649	770	710	836	667	644	795	757
3	10	11	14	6	22	11	-

Table 11.5 - EMPLOYED PERSONS BY MAJOR  
(In)

Major occupation group and sex	Third quarter 1981	Third quarter 1982	Fourth quarter 1983	Third quarter 1983
Both sexes	17,452	17,371	18,117	19,212
Professional, technical and related workers	1,078	1,094	1,132	1,139
Administrative, executive and managerial workers	185	193	206	176
Clerical workers	769	822	888	871
Sales workers	1,948	1,911	2,042	2,171
Service workers	1,331	1,317	1,496	1,505
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	8,862	8,878	8,864	9,805
Production and related workers, transport equipment operators and laborers	3,275	3,150	3,486	3,535
Occupation not adequately defined	5	5	3	11
Male	11,250	11,270	11,600	11,925
Professional, technical and related workers	419	409	426	425
Administrative, executive and managerial workers	143	140	161	132
Clerical workers	421	421	455	432
Sales workers	686	674	699	736
Service workers	533	531	594	593
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	6,547	6,695	6,575	6,883
Production and related workers, transport equipment operators and laborers	2,498	2,396	2,688	2,718
Occupation not adequately defined	3	4	2	6
Female	6,203	6,101	6,517	7,285
Professional, technical and related workers	659	685	706	714
Administrative, executive and managerial workers	42	53	45	44
Clerical workers	348	401	433	438
Sales workers	1,262	1,237	1,343	1,435
Service workers	798	786	902	912
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,315	2,184	2,289	2,922
Production and related workers, transport equipment operators and laborers	777	753	798	816
Occupation not adequately defined	2	2	1	4

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

Data from 1976 to present are based on household population 15 years old and over with the past week as reference period while data prior to 1976 are based on household population 10 years old and over with the past quarter as reference period.

Source: National Census and Statistics Office.

OCCUPATION GROUP, BY SEX: 1970 TO 1986 (Continued)  
 thousands)

First quarter 1984	Third quarter 1984	Fourth quarter 1984	First quarter 1985	Second quarter 1985	Third quarter 1985	Fourth quarter 1985	First quarter 1986	Second quarter 1986	Third quarter 1986	Fourth quarter 1986
18,715	19,632	19,368	19,143	19,723	19,801	20,327	19,972	20,463	20,595	20,926
1,103	1,175	1,139	1,131	1,101	1,179	1,141	1,099	1,116	1,144	1,150
170	197	198	170	176	187	196	213	194	182	185
848	854	813	818	819	831	868	803	816	845	857
2,117	2,397	2,426	2,399	2,550	2,558	2,603	2,604	2,717	2,756	2,793
1,501	1,609	1,539	1,577	1,693	1,643	1,724	1,656	1,692	1,615	1,714
9,102	9,627	9,557	9,297	9,647	9,580	9,984	9,797	10,074	10,179	10,330
3,871	3,772	3,694	3,752	3,737	3,817	3,808	3,799	3,853	3,873	3,891
3	-	1	-	-	5	2	2	1	1	5
12,051	12,323	12,289	12,256	12,477	12,520	12,758	12,756	12,964	12,905	13,186
410	408	381	419	383	382	400	397	386	386	410
136	158	147	135	141	147	153	166	147	143	143
408	398	393	392	394	392	425	383	388	404	397
781	809	820	822	844	839	825	859	885	902	919
640	604	605	654	680	680	697	696	697	656	706
6,676	7,027	7,057	6,947	7,165	7,136	7,346	7,323	7,483	7,473	7,621
2,999	2,919	2,885	2,887	2,870	2,940	2,912	2,931	2,977	2,942	2,987
1	-	1	-	-	4	-	2	1	-	4
6,664	7,314	7,279	6,887	7,246	7,282	7,569	7,216	7,499	7,690	7,740
693	767	953	712	719	797	740	702	730	758	740
34	40	57	35	35	41	43	47	47	39	42
440	460	420	426	425	439	443	419	428	441	460
1,337	1,588	1,606	1,577	1,706	1,719	1,779	1,746	1,832	1,855	1,874
861	1,005	934	923	1,013	964	1,028	959	995	959	1,009
2,426	2,600	2,500	2,350	2,482	2,444	2,638	2,474	2,591	2,707	2,709
872	854	809	864	866	877	896	868	876	931	904
2	-	-	-	-	1	2	-	-	1	-

Table 11.6 - LEGISLATED MONEY AND REAL WAGE RATES IN THE  
METRO-MANILA AND AREAS OUTSIDE  
(In)

Period	Money Wage				
	Non-Agriculture		Agriculture		
	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation	
1972	8.00	8.00	4.75		4.75
1973	8.00	8.00	4.75		4.75
1974	8.59 - 9.98	9.59 - 9.98	5.34 - 6.73	5.34 - 6.73	
1975	9.26 - 10.65	9.26 - 10.65	5.74 - 7.13	5.74 - 7.13	
1976	11.42 - 12.81	10.34 - 11.73	8.17 - 9.56	7.09 - 8.48	
1977	13.80 - 15.18	12.72 - 14.10	10.55 - 11.93	9.47 - 10.85	
1978	14.89 - 16.27	13.80 - 15.18	11.64 - 13.02	10.55 - 11.93	
1979	21.80 - 23.19	20.72 - 22.11	17.76 - 19.15	13.51 - 14.90	
1980	Jan. 22.99 - 24.38	21.91 - 23.30	18.95 - 20.33	13.51 - 14.90	
	Feb. 24.09 - 26.38	23.91 - 25.30	20.45 - 21.83	18.01 - 16.40	
	Aug. 28.46 - 29.85	27.37 - 28.76	23.31 - 24.70	17.28 - 18.67	
1981	Jan. 28.70 - 29.82	27.62 - 28.74	23.56 - 24.68	17.53 - 18.65	
	Mar. 30.70 - 31.82	29.62 - 30.74	25.06 - 26.18	18.53 - 19.65	
	July 30.70 - 31.82	29.62 - 30.74	25.06 - 26.18	18.53 - 19.65	
	Aug. 30.70 - 31.82	29.62 - 30.74	25.06 - 26.18	18.53 - 19.65	
	Sept. 30.70 - 31.82	29.62 - 30.74	26.06 - 26.18	18.53 - 19.65	
1982	31.82	30.74	26.18	19.65	
1983	37.84	36.76	30.82	23.04	
1984	48.47	47.38	39.66	29.92	
	May 43.67	42.58	35.75	26.75	
	June 51.92	50.83	42.50	32.00	
	Nov. 57.00	56.00	46.67	35.67	
1985	57.08	56.00	46.67	35.67	
1986	57.08	56.00	46.67	35.67	
1987	Jan. 57.08	56.00	46.67	35.67	
	Feb. 57.08	56.00	46.67	35.67	
	Mar. 57.08	56.00	46.67	35.67	
	Apr. 57.08	56.00	46.67	35.67	

Source: National Wages Council.

NON-AGRICULTURAL AND AGRICULTURAL SECTORS  
 METRO-MANILA: 1972 to 1987  
 pesos)

Real Wage (1978 = 100)

Period	Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation
1972	16.23	17.35	10.30	10.30
1973	14.23	14.84	8.81	8.81
1974	13.31	13.78	9.30	9.30
1975	13.13	13.81	9.25	9.25
1976	14.86	13.87	11.30	10.02
1977	16.33	15.14	12.81	11.65
1978	16.28	15.19	13.03	11.94
1979	19.45	18.87	16.34	12.71
1980	Jan.			
	Feb.			
	Aug.			
1981	Jan.			
	Mar.			
	July			
	Aug.			
	Sept.			
1982				
1983	17.81	18.16	15.22	11.38
1984	16.63	16.60	13.90	10.48
	May	16.64	16.51	10.37
	June	18.17	18.60	11.77
	Nov.	17.16	16.83	10.72
1985	16.22	15.87	13.23	10.11
1986	15.41	15.90	13.12	10.12
1987	Jan.	15.02	15.84	10.09
	Feb.	14.86	15.77	10.04
	Mar.	14.79	15.77	10.04
	Apr.	14.80	15.79	10.06

Table 11.7 - OVERSEAS CONTRACT WORKERS : 1975 TO 1986

Year	Total	Land-based	Sea-based
1975	36,035	12,501	23,534
1976	47,835	19,221	28,614
1977	70,375	36,676	33,699
1978	88,241	50,961	37,280
1979	137,337	92,519	44,818
1980	214,590	157,394	57,196
1981	266,243	210,936	55,307
1982	314,284	250,115	64,169
1983	434,207	380,263	53,944
1984	425,081	371,065	54,016
1985	389,200	337,754	51,446
1986	414,461	357,687	56,774

Source: Philippine Overseas Employment Administration.

Figure 11.2  
NUMBER OF PROCESSED LAND-BASED CONTRACT WORKERS  
BY MAJOR OCCUPATIONAL GROUP: 1975 to 1986

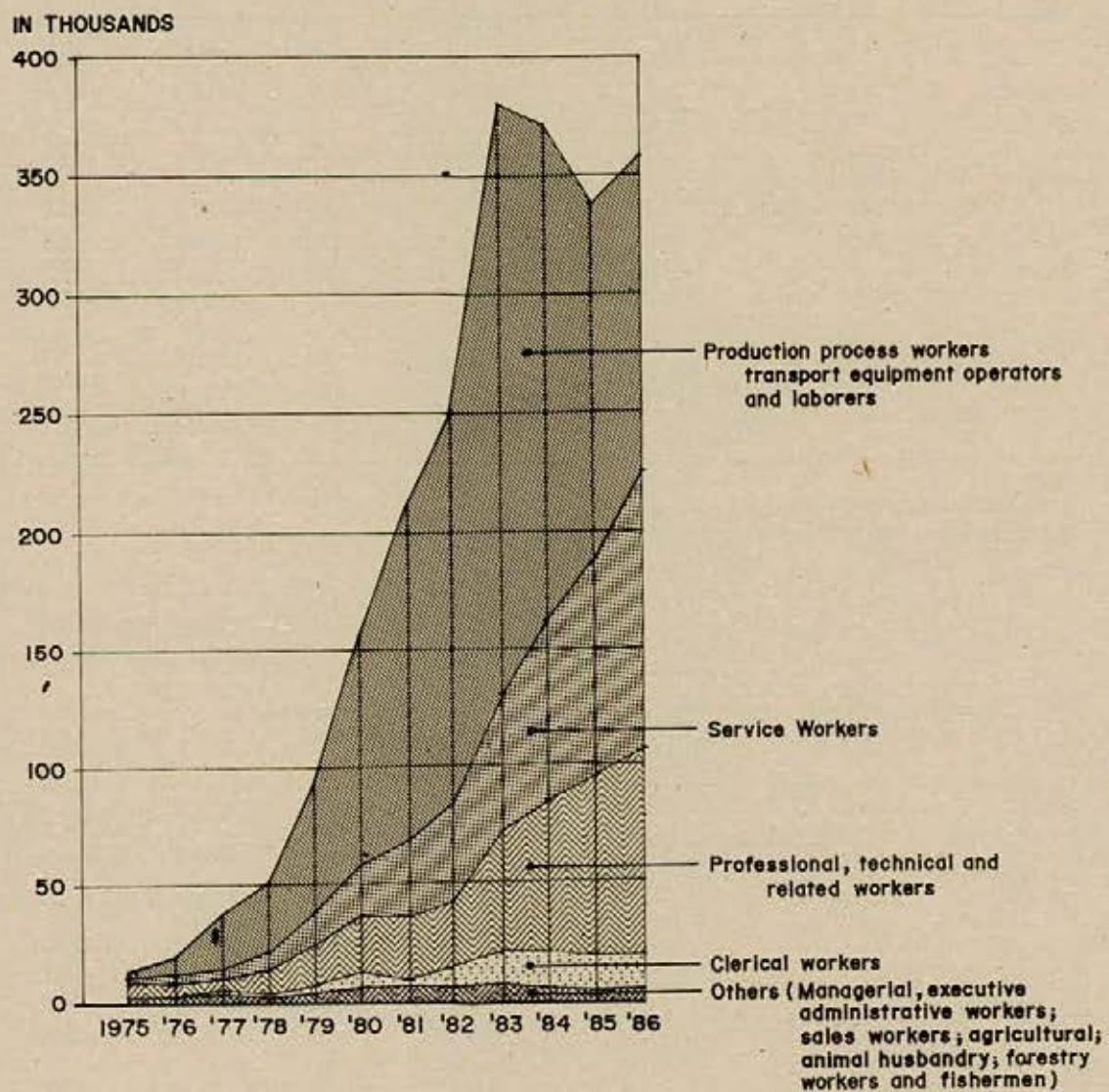


Table 11.8 - PROCESSED LAND-BASED  
OCCUPATION GROUP:

Major occupation group	1975	1976	1977	1978
Total	12,501	19,221	36,676	50,961
Professional, technical and related workers <sup>1</sup>	6,685	6,796	4,707	11,335
Managerial, executive and administrative workers	71	82	210	331
Clerical workers	225	370	944	1,516
Sales workers	53	16	30	69
Service workers	2,747	3,893	4,576	7,910
Agricultural, animal husbandry forestry workers and fishermen	118	74	123	37
Production process workers, transport equipment operators and laborers	2,602	7,990	26,086	29,763

<sup>1</sup> Includes entertainers.

Source: Philippine Overseas Employment Administration.

Table 11.9 - PROCESSED LAND-BASED  
WORLD GROUPING :

Major world grouping	1975	1976	1977	1978
Total	12,501	19,221	36,676	50,961
Africa	342	473	515	1,305
Asia	4,217	5,399	5,290	9,994
Europe	3,160	2,902	2,482	1,268
Middle East	1,552	7,813	25,721	34,441
Oceania	551	133	139	80
The Americas	2,286	2,168	2,266	3,371
Trust Territories	393	333	263	502

Source: Philippine Overseas Employment Administration.

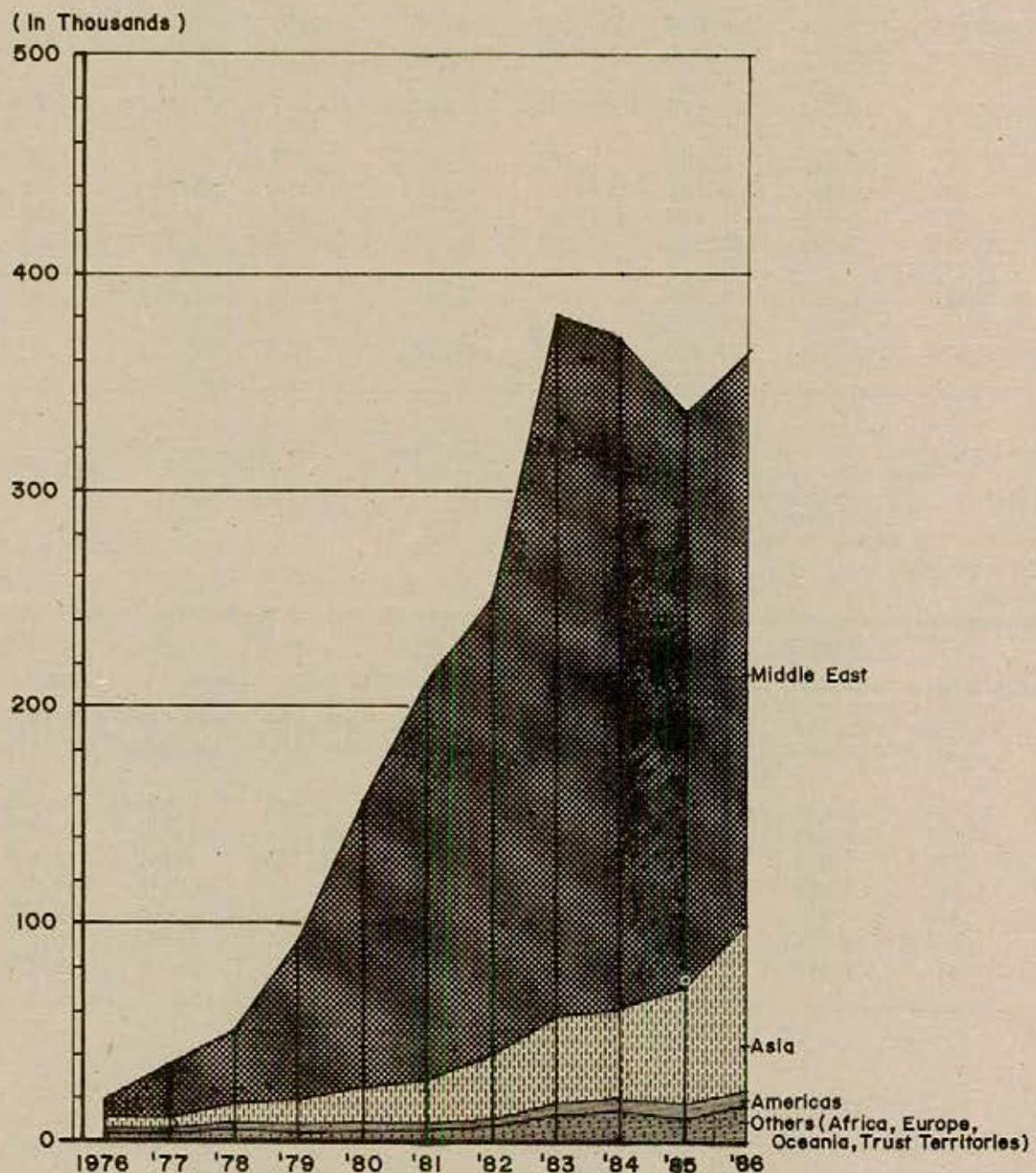
CONTRACT WORKERS BY MAJOR  
1975 TO 1986

1979	1980	1981	1982	1983	1984	1985	1986
92,519	157,394	210,936	250,115	380,263	371,065	337,754	357,687
=====	=====	=====	=====	=====	=====	=====	=====
17,964	24,361	26,680	28,435	52,931	65,401	75,959	87,569
1,441	740	1,804	1,462	1,870	1,222	1,202	1,317
2,896	5,383	2,585	8,519	14,189	15,117	15,141	15,261
265	451	466	1,394	2,259	2,295	2,780	3,562
14,089	23,442	33,109	43,248	58,151	77,564	91,381	117,127
186	1,581	1,322	1,158	1,641	1,578	1,217	1,557
55,678	101,436	144,970	165,899	249,222	207,888	150,074	131,294

CONTRACT WORKERS BY MAJOR  
1975 TO 1986

1979	1980	1981	1982	1983	1984	1985	1986
92,519	157,394	210,936	250,115	380,263	371,065	337,754	357,687
=====	=====	=====	=====	=====	=====	=====	=====
1,134	1,611	2,144	1,098	2,353	2,146	2,053	2,072
12,604	17,708	20,322	31,011	40,814	43,385	54,411	76,650
673	846	1,126	1,465	2,878	3,724	3,679	4,225
73,210	132,044	183,582	210,972	323,414	311,517	266,617	262,758
312	165	223	714	2,072	1,027	845	1,129
3,744	3,534	2,101	3,707	5,646	5,905	6,897	6,692
842	1,486	1,438	1,148	3,086	3,361	3,252	4,161

Figure 11.3  
NUMBER OF PROCESSED LAND-BASED CONTRACT WORKERS  
BY MAJOR WORLD GROUPING: 1975 to 1986



## CHAPTER 12

### SOCIAL SERVICES

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## **CHAPTER 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 Services and Development (DSSD). Specifically, the DSSD 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.

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.

Table 12.1 - DEPARTMENT OF SOCIAL SERVICES  
BY CLIENTELE CATEGORY AND

Year and Clientele Category	Total	Metropolitan Manila Area (National Capital Region)			
			1	2	3
<b>FY 1974-1975</b>					
Family heads and other needy adults	852,474	a	37,042	33,088	81,023
Children	508,996	a	35,623	42,813	31,999
Youth	653,139	a	43,995	43,697	71,068
Disabled and special groups	163,840	a	7,804	6,307	8,587
Distressed	3,771,786	a	399,901	415,546	210,402
<b>FY 1975-1976</b>					
Family heads and other needy adults	1,050,645	a	53,334	46,477	102,409
Children	630,025	a	44,745	52,969	41,358
Youth	747,763	a	52,601	52,055	56,799
Disabled and special groups	230,170	a	13,831	12,052	10,253
Distressed	2,337,564	a	272,660	77,884	504,242
<b>1977</b>					
Family heads and other needy adults	556,659	44,269	62,478	24,527	33,019
Children	474,890	24,833	38,886	23,175	54,046
Youth	547,892	18,830	37,973	22,564	51,748
Disabled and special groups	90,198	3,024	7,170	3,504	3,948
Distressed	732,320	35,565	6,417	8,682	103,996
<b>1978</b>					
Family heads and other needy adults	935,809	57,006	101,790	43,602	91,916
Children	796,962	44,296	63,997	49,473	106,597
Youth	704,684	28,289	47,265	37,256	94,392
Disabled and special groups	143,003	6,042	13,788	6,699	13,693
Distressed <sup>b</sup>	2,135,240	388,455	123,982	78,771	456,302

a Included in Region 4.

b Distressed cases are the same clients served in the other four categories and in some instances, these distress cases are counted more than once, hence the unduplicated count is less than the number of distressed.

Source: Department of Social Services and Development.

AND DEVELOPMENT: OUTREACH HEADCOUNT  
BY REGION: FY 1974-1975 to 1986

R e g i o n											
	4	5	6	7	8	9	10	11	12		
155,624	78,105	82,767	105,437	59,063	74,080	97,870	48,375	-	-		
109,321	42,060	43,350	46,024	36,021	41,902	52,267	27,616	-	-		
129,802	60,851	40,381	41,714	52,465	56,806	72,928	39,432	-	-		
39,089	5,665	14,582	19,013	15,519	19,724	18,817	8,733	-	-		
636,713	76,971	157,182	47,011	106,093	690,409	412,907	618,651	-	-		
159,085	77,054	167,146	117,484	65,394	101,490	70,189	49,923	40,660			
100,414	54,920	91,074	48,778	39,545	69,618	37,428	27,578	21,598			
120,198	70,742	93,041	50,822	58,351	85,099	44,797	31,000	32,258			
47,183	9,782	23,748	24,717	17,523	25,478	27,379	8,136	10,088			
500,810	173,600	38,589	31,279	38,711	217,842	106,618	68,866	306,463			
70,303	46,722	100,914	33,349	14,024	39,980	48,948	19,819	18,307			
54,241	36,909	56,832	34,499	15,841	50,332	37,689	23,748	23,859			
58,963	63,769	90,597	38,437	21,903	36,041	46,550	39,583	20,934			
9,651	4,133	17,178	9,984	2,171	9,177	13,653	3,758	2,847			
49,319	104,261	27,796	15,973	11,069	232,360	23,490	78,621	34,771			
104,745	47,503	116,355	94,984	44,564	45,174	88,840	62,603	36,727			
67,441	55,651	65,442	54,141	43,326	65,098	67,668	60,363	53,469			
80,523	55,017	83,479	52,625	39,462	44,086	52,710	63,121	26,459			
12,660	5,704	17,637	15,310	5,452	10,624	16,749	11,067	7,578			
284,843	98,020	36,344	28,949	152,717	110,636	51,401	123,026	201,794			

Table 12.1 - DEPARTMENT OF SOCIAL SERVICES  
BY CLIENTELE CATEGORY AND

Year and Clientele Category	Total	Metropolitan Manila Area				
		(National Capital Region)		1	2	3
<b>1979</b>						
Family heads and other needy adults	1,011,542	43,608	107,679	74,436	87,042	
Children	905,809	33,029	70,906	45,715	96,711	
Youth	656,342	21,022	59,062	40,348	67,787	
Disabled and special groups	147,924	5,041	19,577	8,165	12,010	
Distressed	1,350,913	76,731	45,507	44,616	73,658	
<b>1980</b>						
Family heads and other needy adults	964,504	43,860	116,133	65,393	72,392	
Children	871,847	47,318	73,487	59,166	100,961	
Youth	579,227	28,173	57,107	34,756	45,226	
Disabled and special groups	176,316	7,523	25,862	13,121	9,472	
Distressed	1,124,264	78,624	85,337	147,979	110,737	
<b>1981</b>						
Family heads and other needy adults	1,061,465	66,493	119,143	89,680	83,514	
Children	969,649	46,822	78,721	82,609	81,423	
Youth	653,004	28,457	56,214	42,561	53,796	
Disabled and special groups	182,181	9,569	27,845	12,146	10,706	
Distressed	2,586,343	90,976	101,949	91,802	178,616	
<b>1982</b>						
Family heads and other needy adults	931,576	34,754	115,495	80,096	76,328	
Children	937,040	36,998	80,378	72,167	73,457	
Youth	588,954	16,666	53,630	40,940	56,015	
Disabled and special groups	162,832	6,221	36,357	10,545	8,070	
Distressed <sup>b</sup>	2,921,631	68,733	154,565	146,332	166,825	

AND DEVELOPMENT: OUTREACH HEADCOUNT  
BY REGION: FY 1974-1975 to 1986 (continued)

R	e	g	i	o	n			
4	5	6	7	8	9	10	11	12
90,766	51,055	117,839	88,860	62,312	72,949	87,643	79,578	47,775
67,707	61,662	80,517	61,419	67,676	124,125	80,116	62,313	53,913
56,046	49,041	86,774	32,354	40,243	56,339	62,479	61,488	23,359
9,493	5,625	15,926	12,236	7,575	17,408	19,123	9,037	6,708
127,800	39,595	41,850	37,753	542,065	86,598	53,466	80,321	100,953
76,007	44,798	130,079	79,497	51,474	92,688	80,322	58,214	53,647
33,924	64,455	52,651	61,523	48,030	137,128	72,899	50,750	69,555
48,202	34,850	81,981	38,534	27,811	60,152	52,106	44,261	26,068
10,348	6,108	23,374	11,077	9,965	28,252	10,743	9,678	10,793
88,359	29,473	76,532	48,737	78,266	125,272	62,038	69,898	123,012
95,227	43,100	124,754	66,743	69,998	121,133	62,070	51,996	67,614
56,946	90,682	104,924	49,623	35,909	143,643	86,365	53,796	58,186
56,740	32,912	79,962	34,878	34,903	67,440	41,679	98,107	25,355
8,680	6,039	21,369	13,345	11,745	31,617	9,910	8,215	10,995
341,946	303,475	85,566	106,668	111,646	193,827	599,744	228,755	151,373
91,481	42,375	121,663	61,629	37,705	89,916	66,068	50,080	63,986
62,325	83,238	108,157	57,866	32,592	130,115	74,295	55,039	70,413
48,002	29,795	79,327	34,906	22,988	50,730	49,973	67,506	38,476
6,350	4,331	17,732	14,115	7,709	20,781	10,333	9,372	10,916
241,044	164,439	105,043	102,360	855,295	194,125	254,001	239,307	229,562

Table 12.1 - DEPARTMENT OF SOCIAL SERVICES  
BY CLIENTELE CATEGORY AND

Year and Clientele Category	Total	Metropolitan Manila Area (National Capital Region)			
			1	2	3
<b>1983</b>					
Family heads and other needy adults	957,593	48,457	142,949	79,049	68,424
Children	905,654	26,791	78,418	61,063	71,816
Youth	565,883	26,345	56,935	37,232	54,263
Disabled and special groups	158,143	11,729	34,670	12,986	6,546
Distressed	3,126,353	151,554	114,399	109,850	191,053
<b>1984</b>					
Family heads and other needy adults	1,105,996	71,831	121,141	115,178	86,396
Children	1,055,280	31,961	92,253	103,297	78,016
Youth	637,951	34,792	57,377	47,337	57,305
Disabled and special groups	177,737	14,968	30,477	20,519	6,978
Distressed	5,847,111	180,743	415,595	136,001	191,319
<b>1985</b>					
Family heads and other needy adults	1,246,540	76,806	129,421	113,236	82,833
Children	1,036,343	34,712	86,878	100,702	71,507
Youth	702,632	28,691	60,326	44,588	48,939
Disabled and special groups	217,137	23,381	32,502	17,484	7,530
Distressed	3,581,521	376,995	275,988	130,220	348,037
<b>1986</b>					
Family heads and other needy adults	1,209,273	72,047	121,424	108,525	10,086
Children	1,390,376	62,955	120,078	105,264	100,777
Youth	681,835	21,678	55,347	43,076	49,937
Disabled and special groups	219,370	12,712	33,690	18,966	7,999
Distressed <sup>b</sup>	1,826,302	194,144	113,895	73,485	257,970

AND DEVELOPMENT: OUTREACH HEADCOUNT  
BY REGION: FY 1974-1975 to 1986 (continued)

R	e	g	i	o	n			
4	5	6	7	8	9	10	11	12
100,466	57,517	122,322	47,997	45,866	70,510	58,687	56,449	58,900
82,420	126,591	115,882	50,162	27,992	91,019	62,812	52,596	58,092
56,050	35,905	74,692	23,456	26,481	45,165	42,159	52,103	35,097
9,137	5,979	16,379	7,465	5,479	13,027	13,360	12,346	9,040
253,664	200,452	126,731	73,118	460,749	302,171	245,534	603,128	293,950
99,114	62,883	131,823	61,937	65,670	90,961	45,575	76,197	77,290
76,079	112,731	117,275	84,784	34,636	120,830	74,302	68,394	60,722
55,753	35,849	85,171	30,735	37,540	45,633	39,038	63,136	48,285
8,398	7,547	15,867	10,564	9,018	15,709	9,655	13,499	14,538
249,583	183,337	850,299	1,769,735	734,902	184,937	524,401	235,994	190,265
133,502	95,447	142,418	57,009	77,472	120,177	53,953	69,124	95,142
98,658	110,210	112,261	59,772	37,646	112,739	56,523	63,251	91,484
63,398	45,053	99,894	30,126	41,621	66,530	46,127	64,532	62,807
14,071	12,973	19,385	9,613	10,532	24,442	12,871	12,611	19,742
276,056	307,073	187,919	296,862	326,598	271,155	295,224	249,434	239,960
155,679	101,473	149,474	86,585	107,590	109,985	64,133	54,703	67,569
188,686	113,447	160,231	103,065	99,229	100,212	84,510	63,146	88,776
58,923	42,917	109,434	25,326	55,968	69,790	49,658	55,782	43,999
21,208	15,858	20,098	10,871	14,638	21,858	16,166	12,988	12,318
212,677	10,875	74,829	27,459	97,317	215,612	236,528	160,688	150,823

Table 12.2 - COVERAGE AND CONTRIBUTIONS RECEIVED BY THE  
GOVERNMENT SERVICE INSURANCE SYSTEM: FY 1970-1971 to 1986  
(In millions)

Year	Membership <sup>1</sup>	All Funds	Optional			Employees Compensation		
			Social Insurance Fund <sup>2</sup>	Life Insurance Fund <sup>3</sup>	General Insurance Fund <sup>4</sup>	Medicare Insurance Fund <sup>5</sup>	Insurance Fund <sup>6</sup>	
FY 1970-71	0.64	386.5	...	-	17.8	-	-	
FY 1971-72	0.67	483.8	431.5	-	22.2	-	-	
FY 1972-73	0.70	520.8	...	-	43.3	-	-	
FY 1973-74	0.73	530.2	...	-	62.6	-	-	
FY 1974-75	0.75	632.2	...	-	89.4	-	-	
1976 <sup>7</sup>	0.79	340.3	170.1	-	128.4	21.4	20.4	
1977	0.83	1,036.7	761.8	-	143.1	74.2	57.6	
1978	0.87	1,318.3	925.1	61.4	182.7	73.7	75.4	
1979	0.95	1,631.4	1,154.6	59.8	216.9	132.7	67.4	
1980	1.09	1,753.4	1,259.8	66.1	214.1	141.2	72.2	
1981	1.18	1,842.2	...	...	261.6	...	...	
1982	1.27	2,299.8	1,645.4	76.1	309.8	175.7	92.8	
1983	1.33	2,473.0	1,771.5	74.6	324.9	198.7	103.3	
1984	1.43	2,543.6	1,772.4	83.4	397.1	185.6	105.1	
1985	1.47	2,536.9	2,090.1	87.7	519.2	188.9	136.0	
1986	1.50 <sup>P</sup>	3,477.6	2,264.5	131.9	737.9	190.7	152.6	

<sup>1</sup> Refers to social security coverage as of June 30 or December 31.

<sup>2</sup> Composed of life insurance and retirement insurance prior to 1979.

<sup>3</sup> Started operation 1978.

<sup>4</sup> Refers to gross premium written.

<sup>5</sup> Started operation in 1972.

<sup>6</sup> Started operation in March 1975.

<sup>7</sup> July to December 31.

Source: Government Service Insurance System Annual Reports.

Table 12.3 - BENEFITS PAID BY THE GOVERNMENT SERVICE INSURANCE SYSTEM  
 BY FUND: FY 1964-65 to 1986  
 (In million pesos)

Year	Total	Optional					Employees Compen- sation Insurance Fund5
		Social Insurance Fund1	Life Insurance Fund2	General Insurance Fund3	Medicare Insurance Fund4		
FY 1964-65	74.9	60.1	-	14.8	-	-	
FY 1969-70	155.0	142.5	-	12.5	-	-	
FY 1970-71	204.6	190.1	-	14.5	-	-	
FY 1971-72	213.5	197.5	-	16.0	-	-	
FY 1972-73	346.6	297.9	-	31.8	16.9	-	
FY 1973-74	378.9	294.4	-	42.6	41.9	-	
FY 1974-75	428.9	295.5	-	70.7	62.3	0.4	
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	

<sup>1</sup> Composed of Life Insurance and Retirement Insurance Fund prior to 1979.

<sup>2</sup> Started operation in 1978.

<sup>3</sup> Refers to Property Insurance Fund prior to 1973.

<sup>4</sup> Started operation in 1972.

<sup>5</sup> Started operation in 1975.

Source: Government Service Insurance System.

Table 12.4 - BENEFITS PAID BY THE SOCIAL SECURITY,  
BY TYPE:  
(In thousand)

Social Security System <sup>1</sup>						
Year	Total	Death <sup>4</sup>	Disability	Sickness	Retirement	Maternity <sup>5</sup>
1960	4,108	1,758	454	689	87	-
1965	14,367	5,198	1,190	5,365	2,363	-
1970	48,993	10,650	2,579	19,118	16,549	-
1971	55,190	12,682	3,384	18,388	20,566	-
1972	64,076	13,543	3,867	21,851	24,693	-
1973	90,808	13,704	5,439	29,355	42,061	-
1974	130,637	25,188	6,677	42,064	56,337	-
1975	148,519	31,322	7,688	42,094	67,188	-
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

<sup>1</sup> Includes refund of contribution.

<sup>2</sup> Started operation in 1972.

<sup>3</sup> Started operation in 1975.

<sup>4</sup> Includes funeral grants starting 1974.

<sup>5</sup> Maternity benefits were given starting 1978.

<sup>6</sup> Includes funeral grants starting 1980.

Source: Social Security System.

MEDICARE AND EMPLOYEES' COMPENSATION FUNDS,  
 1960 to 1986  
 pesos)

Refund of Contri- bution	Medicare <sup>2</sup>		Employees' Compensation <sup>3</sup>				
	Total	Death <sup>6</sup>	Rehabili- tation			Medical Services	
			Sickness	Services	Disability		
1,120	-	-	-	-	-	-	-
251	-	-	-	-	-	-	-
97	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-
122	7,699	-	-	-	-	-	-
249	26,730	-	-	-	-	-	-
371	119,859	-	-	-	-	-	-
227	126,487	3,862	318	2,999	-	195	350
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

Figure 12.1  
BENEFITS PAID BY THE GOVERNMENT SERVICE INSURANCE SYSTEM:  
1978 to 1986

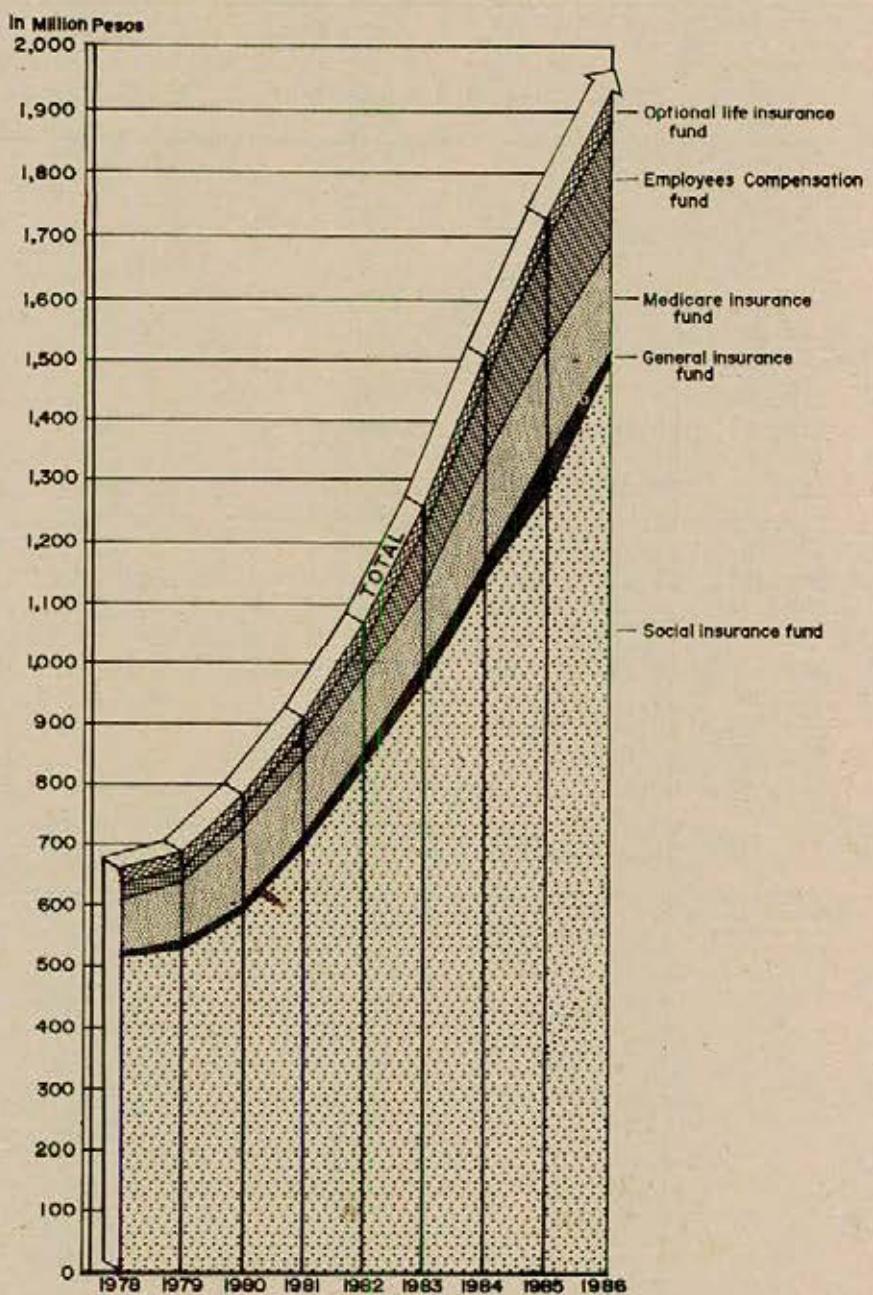


Table 12.5 - COVERAGE AND CONTRIBUTIONS RECEIVED BY THE  
SOCIAL SECURITY, MEDICARE AND EMPLOYEES' COMPENSATION: 1960 to 1986  
(in thousands)

Year	Coverage <sup>1</sup>		Contributions		
	Worker	Employer	All Funds	Social Security <sup>2</sup>	Employees' Medicare <sup>2</sup> Compensation <sup>3</sup>
1960	484	29	45,923	45,923	-
1965	1,309	64	97,428	97,428	-
1970	2,574	91	168,831	168,831	-
1971	2,836	94	202,021	202,021	-
1972	3,101	96	283,169	226,458	56,711
1973	3,918	133	483,168	382,534	100,634
1974	4,279	146	537,671	431,169	106,502
1975	4,908	168	702,281	520,919	122,025
1976	5,587	185	839,534	613,874	140,662
1977	6,153	197	952,880	700,094	155,377
1978	6,768	209	1,104,645	821,672	173,742
1979	7,391	221	1,445,385	1,054,696	264,675
1980	8,058	231	1,617,716	1,186,582	290,548
1981	8,534	240	1,785,914	1,319,584	313,725
1982	9,029	250	1,900,274	1,405,953	330,775
1983	9,526	259	1,988,271	1,474,320	340,598
1984	9,864	270	2,112,081	1,582,809	342,421
1985	10,076	272	2,187,302	1,658,719	332,817
1986	10,294	276	2,221,353	1,688,057	335,222
					198,074

<sup>1</sup> As of December 31.

<sup>2</sup> Contributions from workers and employers.

<sup>3</sup> Contributions from employers only.

Source: Social Security System Annual Reports.

## CHAPTER 13

### TRANSPORTATION AND COMMUNICATION

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## CHAPTER 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 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 Bureau of Land Transportation, now the Land Transportation Commission. 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, compiled by the Civil Aeronautics Board, 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 Bureau of Air Transportation 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 in the Port of Manila. These are by-products of the administrative and regulatory functions of the Bureau of Customs. Data on the loading and unloading of vessels are compiled from the manifests submitted by ship owners and operators to the Bureau. The Philippine Ports Authority maintains data on the number of government and privately-owned ports and subports in operation throughout the archipelago.

The communications network revolves around telecommunications and postal data system. 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 Telecommunications Commission. Postal service statistics, particularly the mail volume handled, are compiled by the Bureau of Posts.

Table 13.1 - NUMBER OF PASSENGERS, FREIGHT  
BY PHILIPPINE NATIONAL RAILWAYS:

Year	Passengers carried (thousand)	Passenger revenue (thousand pesos)	Revenue per passenger	Freight tons carried (thousand)
1950	6,430.0	7,025.6	1.09	787.2
1955	7,104.1	8,229.4	1.16	1,130.8
1960	9,546.5	13,684.3	1.43	1,337.1
1965	8,088.0	15,945.8	1.97	837.3
1970	5,628.4	24,785.1	4.40	277.7
1971	4,794.0	28,816.9	6.01	378.8
1972	3,955.0	26,301.3	6.65	204.8
1973	6,162.6	33,822.8	5.49	257.0
1974	8,116.9	48,305.2	5.95	331.8
1975	8,723.3	52,012.8	5.96	280.6
1976	9,683.4	47,179.6	4.87	208.6
1977	12,796.4	48,264.9	3.77	194.3
1978	9,581.8	43,103.1	4.50	158.7
1979	8,531.6	38,546.1	4.52	145.5
1980	7,423.4	48,833.4	6.58	141.9
1981	7,808.8	41,502.6	5.31	115.8
1982	5,652.0	34,967.6	6.19	79.2
1983	6,517.7	45,698.0	7.01	65.3
1984	6,018.2	61,471.7	10.21	72.1
1985	7,490.4	41,599.9	5.55	53.0
1986	9,096.0	44,237.7	48.6	64.0

Note: Passengers carried, passenger revenue and revenue per passenger includes Metro Manila Rail Commuter (MMRC) starting year 1973.  
Source: Philippine National Railways.

AND EXPRESS TONNAGE, AND REVENUE  
1950 to 1986

Freight revenue (thousand pesos)	Revenue per freight ton (pesos)	Express tons carried (thousand)	Express revenue (thousand pesos)	Revenue per freight ton (pesos)
6,812.0	8.65	44.3	1,674.6	37.80
7,357.4	6.51	48.9	1,975.7	40.40
8,441.0	6.31	59.6	2,344.6	39.34
5,263.8	6.29	61.6	2,421.6	39.31
4,512.1	16.25	100.3	4,415.9	44.03
5,146.7	13.59	68.5	3,587.5	52.37
2,189.4	10.69	69.9	3,582.8	51.26
4,304.2	16.75	83.3	4,649.4	55.82
8,215.5	24.76	104.5	8,224.8	78.71
9,383.7	33.44	69.4	8,036.5	115.80
6,073.7	29.12	56.4	5,736.6	101.71
6,740.4	34.69	51.3	5,267.6	102.68
5,152.2	32.47	37.2	3,802.9	102.23
5,783.4	39.75	34.2	4,381.5	128.11
6,440.5	45.39	24.8	4,288.5	172.92
6,729.9	58.12	18.2	3,411.0	187.42
5,440.3	68.69	15.8	3,642.0	230.51
5,377.6	82.35	17.1	3,989.0	233.27
8,851.4	122.77	21.6	6,878.3	318.44
7,667.4	142.01	19.4	6,988.2	360.22
7,341.8	114.7	21.5	8,116.7	377.6

Table 13.2 - NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE:  
1981 TO 1986

Type of Vehicle	1981	1982	1983	1984	1985	1986
Total motor vehicles	1,006,030	1,087,180	1,200,803	1,165,557	1,120,172	1,185,832
Private	864,970	947,807	1,068,114	1,035,732	988,143	925,229
Cars	297,272	318,975	348,637	343,747	332,473	338,687
Utility vehicles	295,460	317,718	354,015	340,553	328,179	334,930
Buses	5,815	4,671	4,191	3,676	2,804	3,119
Trucks	88,736	88,061	93,727	86,335	79,759	82,050
Motorcycles/ Tricycles	164,404	203,492	252,338	245,500	231,207	153,563
Trailers	13,283	14,890	15,206	15,921	13,721	12,880
For hire	106,997	77,393	83,350	87,082	90,607	219,871
Cars	10,050	8,894	9,698	8,344	7,123	9,086
Utility vehicles	57,705	41,688	50,256	56,353	57,961	62,491
Buses	11,665	11,939	11,962	11,253	11,641	11,586
Trucks	9,924	7,336	7,710	7,407	6,362	6,054
Motorcycles/ Tricycles	15,868	6,079	2,772	2,753	6,622	129,873
Trailers	1,785	1,457	952	972	898	781
Government	24,193	58,368	44,040	37,657	36,947	36,527
Cars	4,372	13,151	5,884	6,071	5,694	6,130
Utility vehicles	11,059	25,075	23,654	19,815	19,690	19,133
Buses	341	748	561	350	291	269
Trucks	4,203	9,723	7,416	6,200	6,001	5,694
Motorcycles/ Tricycles	3,998	8,872	6,315	5,080	5,161	5,189
Trailers	24,193	799	210	141	110	112
Diplomatic	9,870	3,612	5,299	5,086	4,475	4,205

Source: Land Transportation Commission.

Figure 13.1  
OPERATING AND TRAFFIC STATISTICS OF THE  
PHILIPPINE AIRLINES: 1975 to 1986

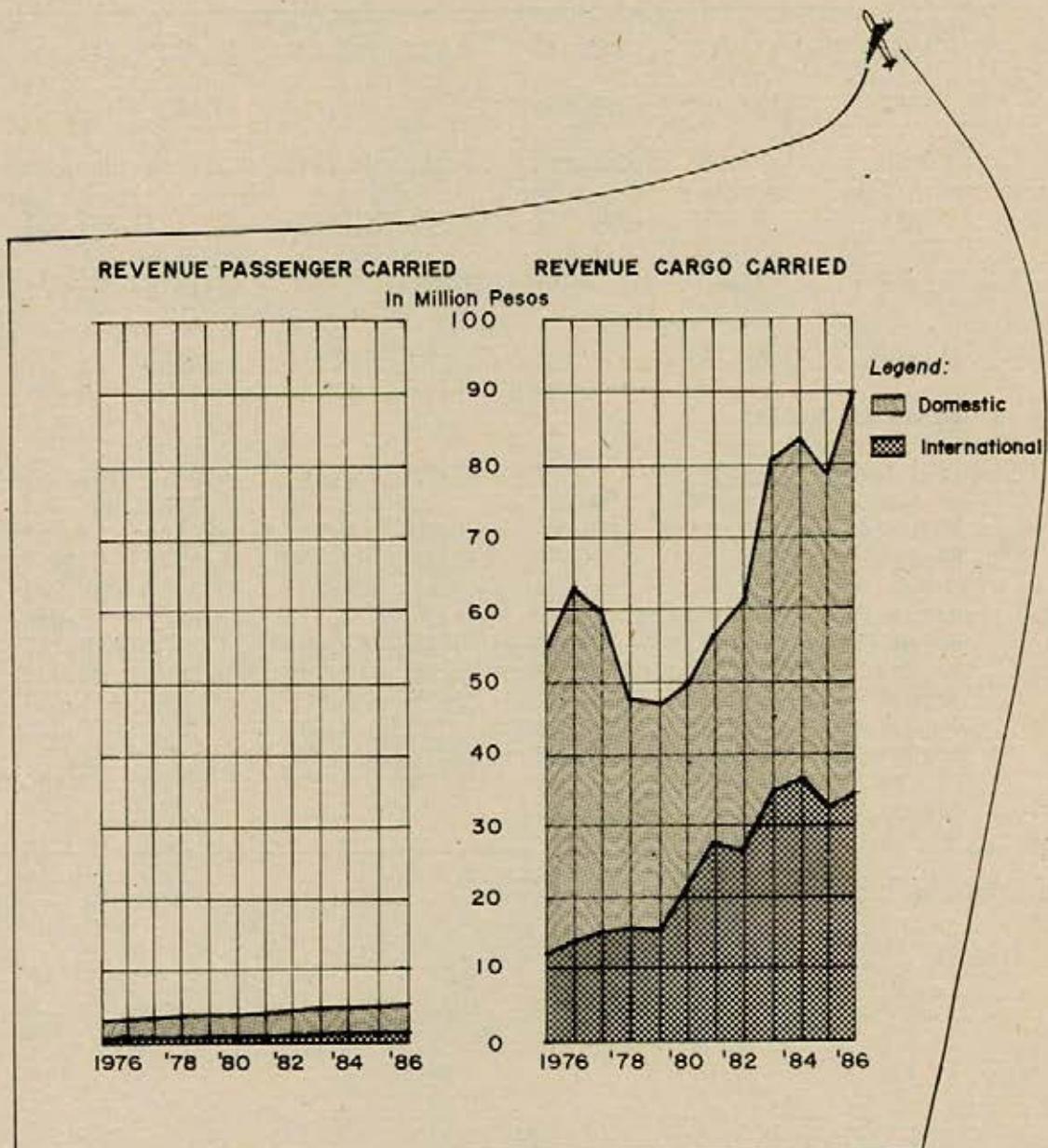


Table 13.3 - NUMBER OF MOTOR VEHICLES REGISTERED

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	3,399,111
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
=====	=====	=====	=====	=====	=====	=====
<b>Metropolitan Manila Area (National Capital Region)</b>						
Region 1	26,023	453,827	4,170	224,674	6,081	163,480
Region 2	1,876	69,267	32	11,468	298	24,403
Region 3	1,941	27,281	19	2,737	413	8,080
Region 4	11,154	159,876	2,416	38,431	2,677	58,905
Region 5	7,808	111,458	717	22,212	3,804	50,189
Region 6	592	27,330	1	3,277	15	8,890
Region 7	4,052	57,034	48	11,464	187	20,257
Region 8	2,511	61,618	96	14,779	141	18,832
Region 9	558	18,124	5	1,681	63	6,013
Region 10	1,395	25,524	5	2,223	37	7,261
Region 11	909	37,385	7	4,718	59	11,755
Region 12	1,689	56,625	49	8,770	38	17,606
	125	19,850	6	2,683	13	7,057

Source: Land Transportation Commission.

## BY CLASSIFICATION, BY REGION, NEW AND RENEWAL: 1981 to 1986

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
=====	=====	==	=====	=====	=====	==	=====
2,439	26,140	32	3,872	13,112	30,219	189	5,442
102	4,509	29	1,814	1,401	86,324	14	749
147	3,299	26	364	1,315	12,462	21	339
334	13,890	79	3,128	5,244	42,402	404	3,120
90	8,637	109	1,939	3,034	27,396	54	1,085
4	2,366	1	735	570	11,986	1	76
37	8,780	7	430	3,771	15,597	2	506
198	5,632	7	513	2,042	21,402	27	460
11	2,339	9	239	466	7,704	4	148
10	2,137	0	214	1,338	13,579	5	110
18	4,885	4	691	812	15,101	9	235
19	6,776	6	512	1,544	22,317	33	644
4	2,415	0	214	101	7,386	1	95

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	319,714	344,197	12,491	211,888	204,666
<hr/>						
Metropolitan Manila Area (National						
Capital Region)	354,898	119,321	219,690	9,154	87,631	81,930
Region 1	49,948	20,432	10,951	549	11,028	13,673
Region 2	20,189	8,673	2,694	62	3,558	4,935
Region 3	118,810	48,696	40,197	650	31,556	30,026
Region 4	70,782	47,345	22,058	871	17,362	36,631
Region 5	19,904	7,941	3,191	87	3,970	4,935
Region 6	40,724	19,854	10,909	603	12,075	8,369
Region 7	53,805	9,837	14,659	216	14,416	4,557
Region 8	13,281	5,249	1,659	27	3,385	2,691
Region 9	22,696	4,108	2,227	1	5,155	2,143
Region 10	28,061	9,989	4,672	53	6,696	5,118
Region 11	44,268	13,369	8,642	177	10,653	6,991
Region 12	14,979	4,900	2,648	41	4,403	2,667

Source: Land Transportation Commission.

## BY CLASSIFICATION, BY REGION, BY TYPE OF FUEL USED: 1981 to 1986

Trucks		Buses		Motorcycles/ Tricycles		Trailers	
Gas	Diesel	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	16,861	
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	
=====	=====	=====	=====	=====	=====	=====	=====
3,989	24,590	600	3,304	42,988	343	5,631	
304	4,307	18	1,825	27,647	78	763	
197	3,249	28	362	13,712	65	360	
2,313	11,911	429	2,778	44,315	3,331	3,524	
731	7,996	201	1,847	30,430	0	1,139	
197	2,173	13	723	12,533	23	77	
2,213	6,604	104	333	15,423	3,945	508	
1,212	4,618	75	445	23,443	1	487	
284	2,066	15	233	7,938	232	152	
400	1,747	3	211	14,911	6	115	
531	4,372	328	367	15,834	79	244	
1,072	5,723	43	475	23,858	3	677	
413	2,006	101	113	7,414	73	96	

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

Year, vessels & tonnage	Domestic trade				
	Total <sup>1</sup>	Manila	Cebu	Iloilo	Zamboanga
<b>1970</b>					
Number of vessels	122,465	13,962	30,064	18,162	12,423
Gross tonnage	62,383	11,657	14,488	9,154	4,258
Net tonnage	35,930	6,548	8,637	5,121	2,365
<b>1971</b>					
Number of vessels	113,906	13,402	28,797	17,384	10,695
Gross tonnage	59,604	11,875	14,805	8,080	3,533
Net tonnage	33,920	6,581	8,305	4,880	1,963
<b>1972</b>					
Number of vessels	123,303	15,081	30,647	17,421	11,964
Gross tonnage	65,069	13,066	15,578	9,299	4,048
Net tonnage	36,371	7,086	8,810	5,261	2,307
<b>1973</b>					
Number of vessels	136,775	18,150	32,184	19,921	13,133
Gross tonnage	65,258	12,905	15,527	9,101	4,226
Net tonnage	38,180	7,347	9,244	5,401	2,427
<b>1974</b>					
Number of vessels	147,539	18,683	29,965	20,820	12,875
Gross tonnage	68,748	13,207	14,183	9,066	3,551
Net tonnage	42,518	7,729	8,984	6,197	2,088
<b>1975</b>					
Number of vessels	155,126	18,071	31,492	20,956	16,040
Gross tonnage	72,993	11,573	16,264	8,724	4,516
Net tonnage	44,178	6,920	8,636	7,224	2,691
<b>1976</b>					
Number of vessels	158,635	21,038	34,106	17,915	15,611
Gross tonnage	75,834	13,122	16,287	8,047	5,022
Net tonnage	44,946	8,655	8,910	4,725	2,956
<b>1977</b>					
Number of vessels	168,548	23,757	37,957	19,241	16,080
Gross tonnage	78,314	14,164	16,778	8,959	5,829
Net tonnage	47,917	9,799	9,341	6,334	3,231
<b>1978</b>					
Number of vessels	164,360	23,349	35,244	15,419	16,977
Gross tonnage	79,004	15,155	15,267	7,896	5,414
Net tonnage	49,914	10,404	8,998	7,592	3,121

<sup>1</sup>Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Limay, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, Jose Panganiban, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Princesa, Surigao and Virac.

<sup>2</sup>Includes volume of export and import cargo loaded and unloaded at the Manila International Airport.

Source: National Census and Statistics Office.

OF VESSELS ENTERED  
DOMESTIC AND INTERNATIONAL: 1970 to 1986  
(thousands)

International trade						
Others <sup>1</sup>	Total <sup>2</sup>	Manila	Cebu	Iloilo	Zamboanga	Others <sup>2</sup>
47,854	16,424	4,530	873	644	842	9,535
22,826						
13,259	56,328	17,431	2,689	2,165	2,159	31,884
43,628	16,199	4,519	908	751	890	9,131
21,311						
12,191	55,705	16,626	2,831	2,422	2,258	31,568
48,190	15,618	4,608	871	703	701	8,735
23,078						
12,907	58,710	18,574	3,109	2,582	2,013	32,432
53,387	16,325	4,406	805	759	675	9,680
23,499						
13,761	61,873	19,372	2,845	2,864	2,003	34,789
65,196	13,754	4,399	777	776	553	7,249
28,741						
17,520	52,784	17,621	2,512	2,783	1,686	28,182
68,567	14,767	5,037	949	601	525	7,655
31,916						
18,707	58,736	20,176	3,078	1,729	1,820	31,933
69,965	14,315	5,183	1,003	622	330	7,177
33,356						
19,700	63,311	21,079	3,800	2,162	1,622	34,648
71,513	14,591	5,333	1,015	788	324	7,131
32,584						
19,212	68,639	21,259	3,501	3,902	1,636	38,341
74,371	15,150	5,599	1,048	576	311	7,616
35,272						
19,799	72,786	22,416	3,424	2,379	1,966	42,601

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

Year, vessels & tonnage	Domestic trade				
	Total <sup>1</sup>	Manila	Cebu	Iloilo	Zamboanga
<b>1979</b>					
Number of vessels	162,497	23,080	32,629	15,566	16,218
Gross tonnage	82,245	18,482	11,433	7,735	5,859
Net tonnage	51,700	10,886	8,577		3,318
<b>1980</b>					
Number of vessels	152,798	23,271	29,935	16,959	15,461
Gross tonnage	82,519	18,984	11,770	8,411	5,759
Net tonnage	52,137	10,920	9,054	8,130	3,215
<b>1981</b>					
Number of vessels	142,483	21,886	26,654	14,429	15,429
Gross tonnage	73,886	16,230	10,928	7,402	5,551
Net tonnage	48,443	10,381	8,572	7,122	3,135
<b>1982</b>					
Number of vessels	139,433	21,330	25,219	14,008	15,349
Gross tonnage	79,948	19,074	12,764	7,290	3,316
Net tonnage	51,669	11,310	10,797	7,090	
<b>1983</b>					
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
<b>1984</b>					
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
<b>1985</b>					
Number of vessels	138,039	18,085	20,173	9,849	13,086
Gross tonnage	90,075	19,079	14,984	7,132	5,834
Net tonnage	52,389	11,814	7,585	3,976	3,178
<b>1986</b>					
Number of vessels	136,717	18,149	18,610	9,274	13,229
Gross tonnage	94,743	20,411	13,675	6,878	5,864
Net tonnage	54,429	12,518	7,116	3,753	3,205

OF VESSELS ENTERED  
DOMESTIC AND INTERNATIONAL: 1970 to 1986 (continued)  
thousands)

International trade						
Others <sup>1</sup>	Total <sup>2</sup>	Manila	Cebu	Iloilo	Zamboanga	Others <sup>2</sup>
75,004	14,690	5,702	1,002	601	288	7,097
38,433	0					
21,184	77,310	23,804	3,754	2,122	1,865	45,765
67,172	13,561	5,340	843	600	254	6,519
37,595	0					
20,818	73,582	23,254	3,440	2,577	1,245	43,066
65,185	13,193	4,880	849	456	236	6,772
33,775	0					
19,233	74,331	23,192	3,390	1,923	1,366	44,460
63,527	13,478	4,821	806	360	230	7,261
35,023	0					
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	0					
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	0					
20,601	72,492	19,276	2,814	1,511	2,037	46,854
76,846	10,971	3,752	608	230	288	6,093
43,046						
25,836	67,625	16,017	3,015	869	2,000	45,724
77,455	11,846	3,970	710	204	286	6,676
47,915						
27,837	73,101	18,741	3,348	723	1,976	48,313

Table 13.6 - INTERNATIONAL AND  
MOVEMENT:

Year	International shipping movements at the Port of Manila			
	Entered		Cleared	
	Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
1970	2,203	8,726	2,206	8,705
1971	2,279	8,386	2,240	8,240
1972	2,298	9,287	2,310	9,287
1973	2,230	9,743	2,126	9,629
1974	2,209	8,820	2,190	8,801
1975	2,538	10,110	2,499	10,066
1976	2,610	10,610	2,573	10,469
1977	2,665	10,617	2,668	10,642
1978	2,821	11,288	2,778	11,128
1979	2,857	11,907	2,845	11,897
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	6,470
1986	1,993	9,448	1,977	9,293

Source: National Census and Statistics Office.

COASTWISE SHIPPING  
1970 to 1986

Coastwise shipping movements  
at major ports (26 ports)

Number of Vessels	Entered	Net tonnage (tonnage)	Cleared	Net tonnage (tonnage)
			Number of Vessels	
61,101		17,729	61,364	18,199
56,763		16,880	57,099	17,138
61,470		18,032	61,833	18,338
68,219		19,064	68,557	19,116
73,671		21,207	73,868	21,311
77,772		22,150	77,354	22,027
79,490		22,533	79,145	22,412
84,222		23,873	84,326	24,412
82,193		24,830	82,167	25,084
80,913		24,691	81,584	16,009
76,410		25,954	76,388	26,182
71,787		24,609	71,796	23,834
69,035		25,726	70,398	25,943
69,699		28,299	70,608	28,315
63,726		24,999	63,175	26,407
69,639		26,281	68,400	26,108
68,442		27,251	68,275	27,178

Table 13.7 - CUMULATIVE NUMBER AND GROSS TONNAGE  
(Gross tonnage)

Vessels by gross tonnage/ by type of service	1979		1980		1981	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	14,929	3,706.5	15,624	4,735.3	16,417	5,164.2
3-35	GT	7,591	133.2	7,906	138.0	8,186
36-100	GT	2,965	186.4	3,086	194.4	3,204
101-250	GT	2,701	564.6	2,773	576.2	2,920
251-700	GT	889	447.1	985	482.4	1,182
701-1,500	GT	254	292.9	281	317.8	310
1,500 and over	GT	529	2,082.3	593	3,026.5	615
Total	14,929	3,706.7	15,624	4,735.5	16,417	5,164.2
Cargo		2,547	1,800.6	2,638	2,733.8	2,760
Passenger/ferry		776	164.3	797	170.7	797
Cargo/passenger		483	295.8	506	313.2	520
Towing/TUG		1,052	69.8	1,095	73.8	1,123
Tanker		118	321.5	124	337.6	157
Fishing		5,853	232.3	6,218	246.3	6,531
Barge		2,014	761.7	2,107	797.4	2,386
Pleasure yachts		106	8.8	108	8.9	108
General purpose		1,503	43.7	1,537	45.0	1,537
Pilotage service		14	0.2	15	0.3	15
Sailboats		463	8.0	479	8.5	483

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

Source: Office of the Maritime Affairs, Philippine Coast Guard.

OF REGISTERED PHILIPPINE VESSELS: 1979 to 1986  
 (in thousands)

1982		1983		1984		1985		1986	
Number of vessels	Gross tonnage								
17,289	6,058.8	18,085	7,123.0	18,783	9,826.0	19,618	14,160.3	20,366	18,540.2
8,654	149.1	8,973	155.7	9,253	160.8	9,531	166.5	9,801	171.1
3,332	209.8	3,462	218.3	3,587	225.8	3,692	233.3	3,804	240.4
2,995	615.0	3,097	631.3	3,141	638.5	3,217	651.2	3,283	662.4
1,278	600.1	1,388	647.6	1,428	668.7	1,508	702.6	1,562	727.3
337	385.3	382	433.0	410	467.4	472	523.4	507	557.7
693	4,099.5	783	5,037.1	964	7,664.8	1,198	11,883.3	1,409	16,181.3
17,289	6,058.8	18,085	7,123.0	18,783	9,826.0	19,618	14,160.3	20,366	18,540.2
2,956	3,809.5	3,135	4,726.5	3,351	7,040.8	3,704	11,211.7	3,952	15,311.7
797	170.7	843	239.0	903	241.7	903	241.7	903	241.7
542	321.9	542	321.9	551	325.3	599	358.3	609	363.0
1,170	81.5	1,213	87.2	1,239	92.1	1,277	101.2	1,309	106.5
164	359.2	188	366.8	203	699.1	247	770.3	267	972.3
7,005	283.8	7,360	305.6	7,577	317.9	7,859	334.9	8,148	350.9
2,495	959.3	2,572	999.3	2,609	1,029.5	2,672	1,062.3	2,723	1,110.5
109	8.9	123	9.4	136	9.8	143	10.1	151	10.4
1,538	55.0	1,556	55.8	1,556	55.8	1,556	55.8	1,589	57.2
15	0.3	15	0.3	15	0.3	15	0.3	15	0.3
498	8.7	538	11.2	643	13.7	643	13.7	700	15.7

Table 13.8 - OPERATING AND TRAFFIC STATISTICS  
SYSTEM-WIDE OPERATIONS:  
(In

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1950	10,382	10,244	11,427	399	11,826
1955	7,363	6,931	7,967	217	8,184
1960	14,001	13,368	15,803	571	16,374
1965	23,142	21,959	25,160	716	25,876
1970	35,826	31,967	32,561	821	33,382
1971	27,189	26,438	26,938	1,451	28,389
1972	28,888	26,753	27,587	529	28,116
1973	26,832	25,635	27,034	361	27,395
1974	33,889	32,985	33,504	...	33,504
1975	38,433	37,774	41,406	634	42,040
1976	38,644	37,231	41,397	636	42,033
1977	40,694	38,977	42,034	569	42,603
1978	243,709	41,134	43,957	658	44,615
1979	47,076	44,678	42,209	579	42,788
1980	43,522	42,384	26,244	428	26,672
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

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,  
1950 to 1986  
(thousands)

Passenger service

Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
187,473	383,749	243	26,888	6,125
121,221	209,264	315	13,993	7,018
298,573	489,901	...	29,181	11,423
809,822	1,328,525	1,671	81,495	20,920
1,261,416	2,500,664	1,665	132,142	40,590
1,264,660	2,395,750	1,323	141,383	37,075
1,357,523	2,760,261	1,402	151,821	45,657
1,587,953	2,872,367	1,527	175,452	30,061
2,389,944	4,045,771	2,513	249,057	40,785
2,753,262	5,018,857	2,743	321,844	54,210
2,993,145	5,448,766	2,806	370,698	64,296
3,613,620	6,135,816	3,021	433,258	59,708
4,450,920	6,533,001	3,419	508,500	48,299
4,668,610	7,040,850	3,472	525,497	46,773
6,033,347	8,965,939	3,313	712,083	49,650
6,685,523	10,487,795	3,543	831,679	56,163
7,368,957	10,466,092	3,890	881,209	61,737
8,320,404	29,288,612	4,320	1,031,649	80,741
8,367,865	11,567,720	4,394	1,055,480	83,503
8,614,222	11,635,887	4,610	1,066,323	79,364
8,900,879	12,066,382	4,834	1,108,694	89,157

Table 13.9 - OPERATING AND TRAFFIC STATISTICS  
DOMESTIC:  
(In

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1950	5,744	5,612	6,379	177	6,556
1955	6,653	6,252	7,235	175	7,410
1960	13,056	12,438	14,804	557	15,361
1965	18,288	17,173	20,330	652	20,982
1970	22,564	20,068	20,615	732	21,347
1971	13,721	13,103	13,549	1,263	14,812
1972	14,308	12,353	13,124	486	13,610
1973	12,858	11,783	13,005	359	13,364
1974	18,575	17,953	18,190	...	18,190
1975	21,951	21,507	24,484	407	24,891
1976	21,056	19,978	23,476	515	23,991
1977	20,027	18,803	22,744	495	23,239
1978	21,578	19,421	20,955	608	21,563
1979	21,998	20,451	20,975	390	21,365
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

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,  
1950 to 1986  
(thousands)

Passenger service

Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
77,184	132,872	224	9,704	5,642
102,994	177,955	299	11,867	6,824
263,542	444,300	...	25,715	11,014
565,859	797,593	1,605	50,736	19,564
596,762	1,008,782	1,491	54,814	35,016
494,692	710,974	1,146	46,565	29,187
498,112	807,181	1,219	46,905	36,581
533,654	827,719	1,309	50,332	23,911
910,590	1,366,032	2,202	76,310	32,783
1,074,839	1,633,402	2,387	99,292	42,987
1,044,968	1,654,761	2,377	102,030	49,888
1,130,862	1,644,607	2,496	106,880	43,735
1,314,641	1,763,576	2,791	113,974	31,899
1,291,497	1,825,136	2,742	114,003	31,121
1,100,653	1,549,875	2,299	98,690	28,035
1,166,839	1,562,907	2,445	102,326	28,440
1,258,704	1,661,506	2,674	112,273	35,648
1,392,516	1,862,517	2,982	126,759	45,548
1,452,001	1,880,766	3,077	131,088	46,697
1,551,995	1,947,919	3,267	140,100	46,584
1,620,224	2,042,847	3,457	150,421	54,980

Table 13.10 - OPERATING AND TRAFFIC STATISTICS  
INTERNATIONAL:  
(In

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1950	4,638	4,632	5,048	222	5,270
1955	710	679	732	42	774
1960	945	930	999	14	1,013
1965	4,854	4,786	4,830	64	4,894
1970	13,262	11,899	11,946	89	12,035
1971	13,468	13,335	13,389	188	13,577
1972	14,580	14,400	14,463	43	14,506
1973	13,974	13,852	14,029	2	14,031
1974	15,314	15,032	15,314	167	15,481
1975	16,482	16,267	16,922	227	17,149
1976	17,588	17,253	17,921	121	18,042
1977	20,667	20,174	21,079	74	21,153
1978	22,131	21,713	22,982	50	23,032
1979	25,078	24,227	25,075	189	25,264
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

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,  
1950 to 1986  
(thousands)

Passenger service

Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
110,289	250,877	19	1,784	483
18,227	31,309	16	2,126	194
35,031	45,601	...	3,466	409
243,963	530,932	66	30,759	1,356
664,654	1,491,882	174	77,328	5,574
769,968	1,684,776	177	94,818	7,888
859,411	1,953,080	183	104,916	9,076
1,054,299	2,044,648	218	125,120	6,150
1,479,354	2,679,739	311	172,747	8,002
1,678,423	3,385,455	356	222,552	11,223
1,948,177	3,794,005	429	268,668	14,408
2,482,758	4,490,209	525	326,378	15,973
3,136,279	4,769,425	628	394,526	16,400
3,377,113	5,215,714	730	411,494	15,652
4,932,694	7,416,064	1,014	613,343	21,615
5,518,684	8,925,068	1,098	729,353	27,723
6,110,253	8,804,586	1,216	768,936	26,089
6,927,888	10,426,095	1,338	904,890	35,193
6,915,864	9,686,954	1,317	924,392	36,806
7,062,227	9,687,963	1,343	926,223	32,780
7,280,655	10,023,535	1,377	958,273	34,177

Table 13.11-AIR FLIGHTS AND AIR PASSENGERS CARRIED BY  
INTERNATIONAL CARRIERS, MANILA: 1975 TO 1986

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	19,283	3,213,675	1,538,394	1,675,281

Note: Transit/transfer passengers are included in either arrival or departure passengers.

Source: Manila International Airport Authority.

Table 13.12 - NUMBER OF REGISTERED AIRPORTS :  
FY 1959-60 to CY 1986

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

Source: Bureau of Air Transportation.

Table 13.13 -PUBLIC ROADS, NATIONAL AND LOCAL, BY SURFACE TYPE:  
 FY 1964-1965 to CY 1986  
 (In kilometers)

Year	All types	Earth	Macadam	Bituminous	Concrete	Miscellaneous
<b>Total</b>						
1964-65	55,777.95	11,738.21	34,314.60	8,210.50	1,461.97	52.67
1969-70	77,950.08	20,560.94	42,557.68	11,119.66	3,083.00	628.80
1970-71	85,601.02	25,251.99	44,051.87	11,582.72	3,391.41	1,323.03
1971-72	88,482.88	27,299.77	44,973.92	11,128.14	3,607.96	1,473.09
1972-73	93,030.00	29,837.00	45,749.00	11,466.00	4,248.00	1,730.00
1973-74	98,330.00	37,267.07	43,068.54	11,701.27	4,424.85	1,868.27
1974-75	104,430.00	39,787.83	45,322.62	12,636.03	4,908.21	1,775.31
1975-76	112,890.95	43,007.61	48,887.47	13,771.48	5,418.29	1,806.10
1976-77	119,219.93	45,266.24	51,642.71	14,605.62	5,879.23	1,826.13
1977-78	125,135.79	47,512.41	54,205.29	15,330.37	6,170.97	1,916.75
1979	147,608.83	52,354.67	67,809.55	17,483.47	9,961.14	-
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	161,879.89	9,902.68	130,656.79	11,989.71	9,330.71	-
1986	162,325.14	9,684.19	131,341.61	11,933.78	9,365.56	-
<b>National</b>						
1964-65	15,921.54	688.38	9,911.11	4,302.80	995.47	23.78
1969-70	19,198.40	1,411.00	10,306.85	5,123.91	2,268.63	88.01
1970-71	20,066.08	1,648.70	10,865.49	5,003.69	2,331.11	217.09
1971-72	21,315.38	1,828.23	11,432.57	5,245.71	2,543.67	265.20
1972-73	21,415.38	1,658.64	11,215.58	5,384.47	2,832.83	323.86
1973-74	21,515.72	3,753.20	10,019.99	4,462.51	2,862.48	417.54
1974-75	21,664.72	1,902.53	11,122.84	5,481.68	2,930.78	226.89
1975-76	21,752.79	1,126.18	11,640.61	5,727.84	2,972.03	286.13
1976-77	22,333.15	1,681.69	10,300.82	6,574.85	3,498.86	276.93
1977-78	22,790.47	1,716.13	10,511.75	6,709.48	3,570.51	282.60
1979	23,552.21	767.40	12,784.91	4,821.95	5,177.95	-
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	26,203.81	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	-

Table 13.13 - PUBLIC ROADS, NATIONAL AND LOCAL, BY SURFACE TYPE:  
 FY 1964-1965 to CY 1986 (continued)  
 (In kilometers)

Year	All types	Earth	Macadam	Bituminous	Concrete	Miscellaneous
<b>Local</b>						
1964-65	39,856.41	11,049.83	24,403.49	3,907.70	466.50	28.89
1969-70	58,751.68	19,149.94	32,250.83	5,995.75	814.37	540.79
1970-71	65,534.94	23,603.29	33,186.38	6,579.03	1,060.30	1,105.94
1971-72	67,167.50	25,471.54	33,541.35	5,882.43	1,064.29	1,207.89
1972-73	71,614.62	28,178.36	34,533.42	6,081.53	1,415.17	1,406.14
1973-74	76,814.28	33,513.87	33,048.55	7,238.76	1,562.37	1,450.73
1974-75	82,765.26	37,885.30	34,199.78	7,154.35	1,977.43	1,548.42
1975-76	91,138.16	41,881.43	37,246.86	8,043.64	2,446.26	1,519.97
1976-77	96,886.78	43,584.55	41,341.89	8,030.77	2,380.37	1,549.20
1977-78	102,345.32	45,796.28	43,693.54	8,620.89	2,600.46	1,634.15
1979	124,056.62	51,587.27	55,024.64	12,661.52	4,783.19	-
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	-

Source: Department of Public Works and Highways.

Table 13.14 - NUMBER AND LENGTH OF EXISTING BRIDGES  
 IN THE PHILIPPINES: FY 1960-61 to CY 1986  
 (Length in linear meters)

Year	Number of Bridges			Length of Bridges		
	Total	National	Local	Total	National	Local
1960-61	10,693	5,293	5,400	226,681.91	131,100.67	95,581.24
1961-62	11,017	5,359	5,658	233,633.32	134,391.13	99,242.19
1962-63	11,330	5,425	5,905	240,524.81	137,681.59	102,843.22
1963-64	11,444	5,572	5,872	241,879.50	137,355.00	104,524.50
1964-65	11,709	5,313	6,396	244,003.85	136,647.00	107,356.85
1965-66	11,769	5,686	6,083	247,612.65	141,156.49	106,456.16
1966-67	11,464	5,776	5,688	246,050.43	143,933.05	102,117.38
1967-68						
1968-69	11,736	5,902	5,834	220,511.96	147,354.11	73,157.85
1969-70	12,557	6,532	6,025	259,823.21	162,827.61	96,995.60
1970-71	12,897	6,472	6,425	270,733.93	164,955.96	105,777.97
1971-72	13,172	6,544	6,628	280,536.46	173,393.47	107,142.99
1972-73	13,878	7,009	6,869	294,732.00	184,462.00	110,270.00
1973-74	14,178	7,159	7,019	306,300.00	186,752.00	119,548.00
1974-75	14,573	7,328	7,245	318,776.06	189,060.00	129,716.06
1975-76	15,248	7,578	7,670	337,191.00	196,685.00	140,506.00
1976-77	15,923	7,828	8,095	355,608.00	204,320.00	151,288.00
1977-78	16,465	8,028	8,437	370,338.00	209,397.00	160,941.00
1979	17,006	8,228	8,778	385,070.00	215,208.00	169,862.00
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 <sup>P</sup>

P Projected.

No report for 1967-68.

Source: Department of Public Works and Highways.

Table 13.15 - NUMBER OF OPERATIONAL PORTS, BY REGION: 1982 to 1986

	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
	==	==	==	==	==	==
<b>Metropolitan Manila Area (National Capital Region)</b>						
Region 1	6	1	-	1	2	2
Region 2	4	2	2	-	-	-
Region 3	10	1	2	-	-	15
Region 4	113	3	1	4	60	45
Region 5	26	5	1	2	12	6
Region 6	84	3	-	3	20	58
Region 7	94	2	3	4	33	52
Region 8	28	4	-	3	7	14
Region 9	47	2	4	3	30	8
Region 10	85	4	1	3	25	52
Region 11	41	6	-	-	10	25
Region 12	58	2	1	2	38	15

Source: Philippine Ports Authority.

Table 13.16 - NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP:  
FY 1949-50 to CY 1986

Year	Total	Government <sup>1</sup>	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	56,113	1,963	54,150

<sup>1</sup>Excludes radio stations operated by the Armed Forces of the Philippines.

Source: National Telecommunications Commission.

Figure 13.2  
COMMODITY FLOW CARRIED BY AIR,  
WATER AND RAIL TRANSPORTATION: 1980 to 1985

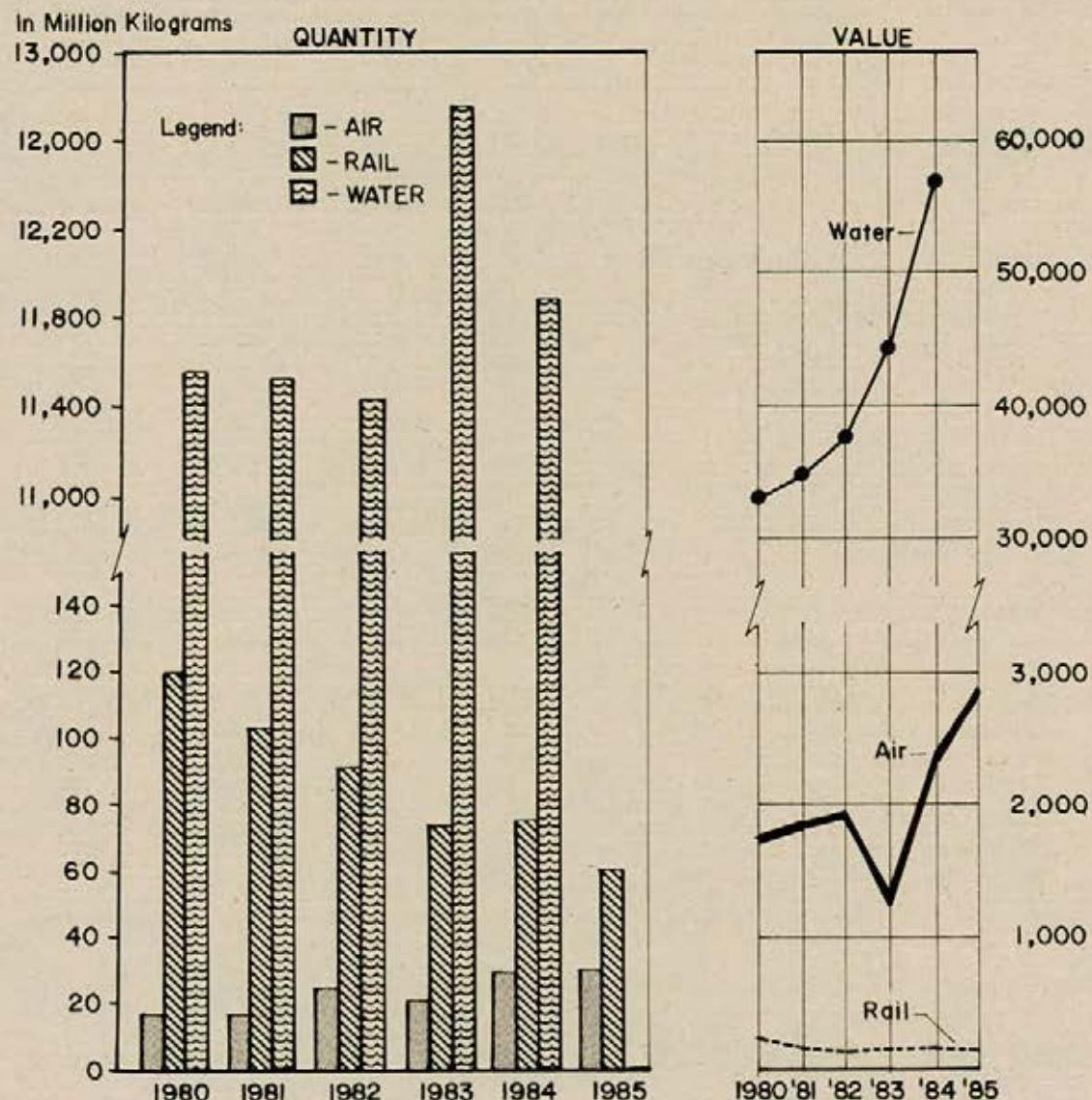


Table 13.17 - NUMBER OF LICENSED RADIO

Type of station	1976	1977	1978	1979
Total	13,278	16,697	16,605	15,344
Government	1,504	1,564	1,590	5,038
Private	11,774	15,133	15,015	10,306
Broadcast radio stations	379	349	363	365
Broadcast AM	266	233	238	239
Broadcast PM	22	25	34	34
Broadcast HF	91	91	91	92
Television stations	27	25	30	31
Fixed point to point stations	4,986	5,146	5,790	4,779
Commercial	2,611	2,689	3,162	2,443
Non-commercial	2,375	2,457	2,628	2,336
Coastal station	153	143	166	171
Aircraft radio station	820	829	830	515
Land base radio station	679	708	722	650
Land mobile radio station	3,542	3,643	3,745	1,147
Citizens band radio station	641	850	858	870
Amateur radio stations	483	523	534	455
Radio training stations	64	65	70	70
Fixed aeronautical stations	...	123	127	147
Ship stations	...	2,729	1,750	1,076
Maritime portable stations	...	...	30	30

Note: Data for 1976 - 1984 for Broadcast radio stations include anciliaries and other transceivers licenses.

Source: National Telecommunications Commission.

## STATIONS, BY TYPE OF STATION: 1976 to 1986

	1980	1981	1982	1983	1984	1985	1986
20,022	23,670	33,121	44,593	50,014	52,695	64,717	
=====	=====	=====	=====	=====	=====	=====	=====
5,340	5,601	6,397	7,785	8,341	8,604	10,567	
14,682	18,069	26,724	36,808	41,673	44,091	54,150	
377	583	778	752	795	378	378	
236	416	560	589	622	294	294	
77	86	137	142	152	80	80	
64	81	81	21	21	4	4	
32	43	52	56	56	68	68	
5,396	6,467	9,705	14,243	15,810	16,277	19,130	
...	3,534	5,035	8,571	9,692	10,129	10,443	
...	2,933	4,670	5,672	6,118	6,148	8,687	
241	162	244	315	380	403	477	
729	590	702	790	895	962	1,122	
867	1,295	1,920	2,402	2,693	2,824	3,494	
1,619	2,744	5,617	9,198	10,668	12,086	15,094	
2,930	3,236	3,388	3,388	3,633	3,633	3,663	
601	744	1,070	1,734	2,559	2,976	4,983	
75	80	119	143	337	357	357	
157	161	161	205	205	210	210	
1,628	1,930	2,934	3,546	3,606	3,881	5,138	
30	34	34	36	36	36	36	

Table 13.18 - TELECOMMUNICATION FACILITIES AND FOR PUBLIC SERVICE

Region	Total facilities and stations	Telecommunication			
		Total	Telephone	Telegraph	Telex
Philippines	590,697	590,337	563,974	982	876
Metropolitan Manila Area (National Capital Region)	526,171	526,120	510,014	492	...
Region 1	1,594	1,547	15	...	...
Region 2	14	a	a	a	a
Region 3	16	b	b	b	b
Region 4	17	b	b	b	b
Region 5	12,907	12,876	11,924	140	...
Region 6	28,542	28,498	26,656	...	26
Region 7	1,990	1,959	...	...	676
Region 8	4,067	4,049	3,600	195	14
Region 9	7,172	7,154	6,679	...	...
Region 10	6,310	6,281	5,086	40	6
Region 11	1,886	1,853	-	115	154
Region 12	11	c	c	c	c

<sup>a</sup>Included in Region 1.

<sup>b</sup>Included in NCR.

<sup>c</sup>Included in Region 11.

Source: National Telecommunications Commission.

BROADCASTING STATIONS IN THE PHILIPPINES  
BY REGION: 1986

facilities	Broadcasting stations			
Radio Station all Services	Total	Radio	TV	TV translator
24,505	1,360	316	44	52
=====	=====	==	==	==
15,614	51	46	5	...
1,532	47	39	8	7
a	14	14	...	1
b	16	15	1	6
b	17	15	2	1
812	31	27	4	5
1,816	44	37	7	1
1,283	31	27	4	2
240	18	16	2	5
475	18	16	2	8
1,149	29	25	4	7
1,584	33	30	3	3
c	11	9	2	6

Table 13.19 - SUMMARY OF MAIL VOLUME HANDLED:  
 1973 to 1986  
 (In thousand pieces)

Year	Total volume	Percent increase (decrease)	Received from foreign countries	Dispatched to foreign countries	Delivered in the Philippines
1973	254,910	-	39,207	82,128	133,575
1974	276,175	8.3	42,477	88,979	144,719
1975	300,517	8.8	46,222	96,821	157,474
1976	333,908	11.1	52,358	107,579	174,971
1977	393,759	17.9	60,563	126,863	206,333
1978	432,228	9.8	66,480	139,256	226,492
1979	477,599	10.5	73,458	153,874	250,267
1980	521,967	9.3	80,282	168,169	273,516
1981	571,330	9.5	87,875	184,073	299,382
1982	626,870	9.7	96,408	201,985	328,477
1983	683,688	9.1	107,187	227,773	348,728
1984	708,122	3.6	165,954	202,754	339,414
1985	749,544	5.8	198,349	73,201	477,993
1986	777,872	3.8	194,992	101,353	481,527

Source: Bureau of Posts.

Figure 13.3  
SUMMARY OF MAIL VOLUME HANDLED: 1973 to 1986

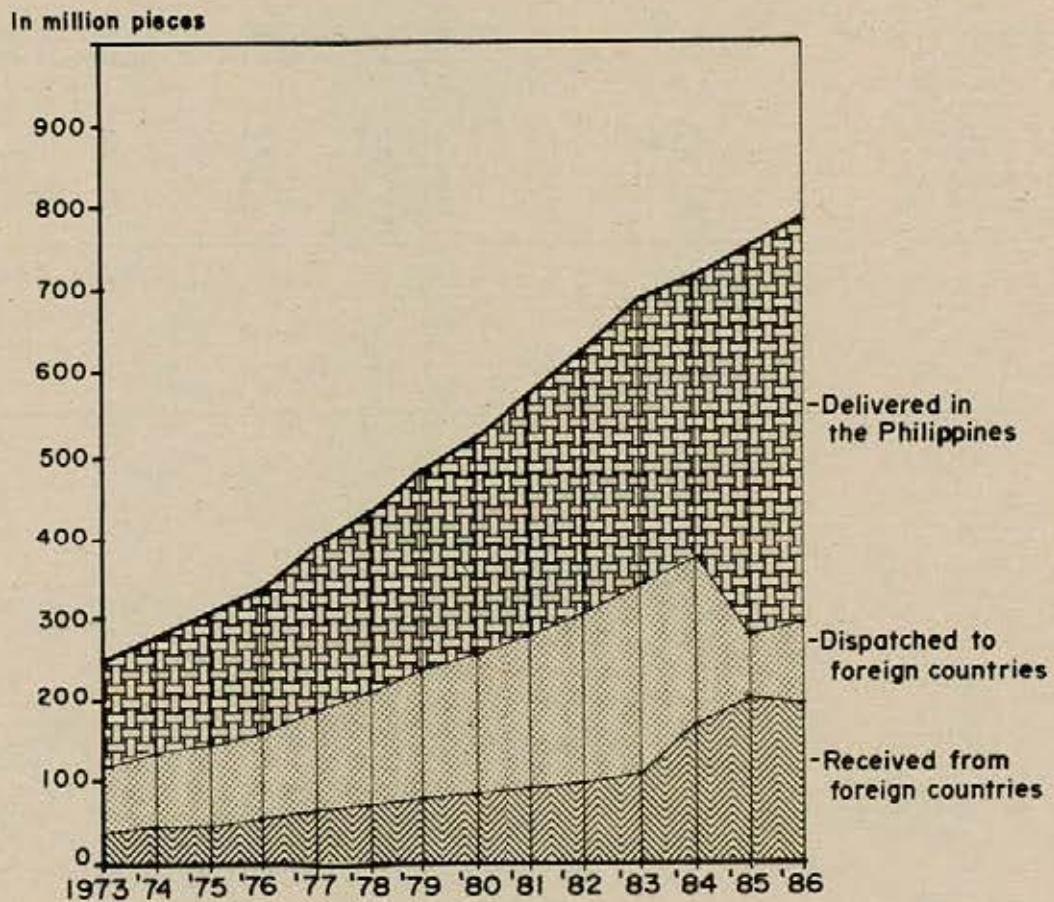


Table 13.20 - REGIONAL COMMODITY  
BY MODE OF TRANSPORT;  
(Quantity in thousand kilograms;

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		D e s t i	
			Quantity	Value	Region 1 Quantity	Value
<b>1980 / Rail</b>						
All Commodities	120,736	223,188	49,398	63,364	3,169	5,551
Metropolitan Manila Area (NCR)	20,930	79,361	8	50	388	2,688
Region 1	12,767	11,636	5,399	5,661	12	55
Region 3	14,449	7,178	1,410	616	2,575	2,234
Region 4	22,126	31,442	14,188	11,913	131	288
Region 5	50,464	93,572	28,392	45,124	63	285
<b>1981 / Rail</b>						
All Commodities	103,984	173,285	34,474	44,326	1,785	1,312
Metropolitan Manila Area (NCR)	20,969	74,246	54	105	298	771
Region 1	1,186	1,750	354	803	4	11
Region 3	20,402	9,811	220	443	1,400	281
Region 4	24,092	23,207	17,046	11,045	63	146
Region 5	37,335	63,770	16,800	31,930	19	96
<b>1982 / Rail</b>						
All Commodities	92,786	135,786	33,123	34,753	16,660	2,689
Metropolitan Manila Area (NCR)	14,407	54,331	3	30	249	1,217
Region 1	1,473	2,182	361	1,004	5	13
Region 3	23,305	6,139	73	285	16,279	1,068
Region 4	20,380	15,914	15,698	5,956	70	193
Region 5	33,224	57,220	16,988	27,478	57	198

## FLOW IN THE PHILIPPINES

1980 TO 1985

Value in thousand pesos)

n a t i o n

	Region 3		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value
13,247	11,206	23,436	42,924	31,485	100,144	
=====	=====	=====	=====	=====	=====	=====
223	2,359	911	5,374	19,400	68,890	
2,759	1,901	1,340	974	3,256	3,045	
9,898	3,304	30	102	536	922	
111	2,746	3,666	5,823	4,030	10,672	
256	896	17,489	30,652	4,264	16,615	

n a t i o n

	Region 3		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value
14,744	6,694	20,750	31,507	32,231	89,445	
=====	=====	=====	=====	=====	=====	=====
196	976	1,249	7,227	19,171	65,666	
173	342	66	69	589	525	
14,010	4,072	19	57	4,753	4,952	
107	384	3,460	3,895	3,416	7,736	
257	920	15,956	20,259	4,302	10,565	

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	Region 3		Region 4		Region 5	
	Quantity	Value	Quantity	Value	Quantity	Value
7,281	6,561	15,670	25,764	20,054	66,019	
=====	=====	=====	=====	=====	=====	=====
164	1,043	543	3,770	13,447	48,270	
230	415	20	61	857	689	
6,465	4,016	20	77	467	693	
40	239	2,855	3,635	1,717	5,892	
382	848	12,231	18,221	3,566	10,475	

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Desti	
			Quantity	Value	Region 1 Quantity	Value
<b>1983 / Rail</b>						
All Commodities	73,670	144,357	28,801	32,273	294	1,597
Metropolitan	=====	=====	=====	=====	====	=====
Manila Area (NCR)	13,628	42,268	2	23	129	800
Region 1	2,584	3,079	351	1,126	3	9
Region 3	9,866	30,239	117	500	82	452
Region 4	16,459	14,727	11,269	5,295	64	234
Region 5	31,733	54,046	17,061	25,329	16	102
<b>1984 / Rail</b>						
All Commodities	75,781	167,631	30,874	63,585	2,595	11,992
Metropolitan	=====	=====	=====	=====	====	=====
Manila Area (NCR)	5,251	18,961	3	17	12	74
Region 1	308	833	149	468	1	3
Region 3	17,396	8,380	108	980	23	117
Region 4	23,470	62,517	13,549	22,426	2,540	11,681
Region 5	31,733	62,560	17,061	25,329	16	102
<b>1985 / Rail</b>						
All Commodities	59,784	166,162	24,188	63,187	7	39
Metropolitan	=====	=====	=====	=====	=	==
Manila Area (NCR)	8,482	27,881	33	19	2	9
Region 1	-	-	-	-	-	-
Region 3	4,146	166,669	25	92	2	14
Region 4	20,184	46,764	13,198	31,612	2	10
Region 5	26,972	74,848	10,932	31,464	1	6

FLOW IN THE PHILIPPINES  
1980 TO 1985 (continued)  
Value in thousand pesos)

n a t i o n

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
3,142	3,817	13,786	23,771	27,646	82,900
====	====	=====	=====	=====	=====
147	694	495	2,746	12,854	38,006
276	424	12	39	1,940	1,481
2,196	1,253	13	74	7,458	27,960
30	143	3,215	4,290	1,880	4,765
492	1,304	10,050	16,623	3,574	10,688

n a t i o n

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
18,230	8,857	10,910	31,918	13,471	51,279
=====	=====	=====	=====	=====	=====
66	100	143	982	5,026	17,788
140	283	2	9	16	70
17,217	6,831	12	60	37	392
133	502	2,598	9,213	4,649	18,695
674	1,141	7,855	21,654	3,743	14,334

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Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
4,257	17,093	17,690	39,415	13,641	46,428
=====	=====	=====	=====	=====	=====
42	96	808	2,645	7,597	25,111
-	-	-	-	-	-
4,104	16,420	3	15	12	128
26	254	4,749	8,400	2,209	6,488
85	323	12,130	28,355	3,824	14,701

Table 13.20 - REGIONAL COMMODITY  
BY MODE OF TRANSPORT:  
(Quantity in thousand kilograms)

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Desti	
			Quantity	Value	Region 1 Quantity	Region 1 Value
<b>1980 / Air</b>						
All Commodities	17,362	1,755,445	7,651	598,610	24	3,385
Metropolitan	=====	=====	=====	=====	==	=====
Manila Area (NCR)	7,595	739,902	*	*	19	3,012
Region 1	52	2,865	5	1,765	-	-
Region 2	46	21,252	29	20,586	2	53
Region 3	0	-	-	-	-	-
Region 4	974	44,876	972	44,221	*	30
Region 5	331	126,144	292	125,056	*	34
Region 6	1,413	195,308	1,197	184,276	*	46
Region 7	2,483	339,819	1,296	71,148	*	59
Region 8	180	7,233	157	6,076	*	16
Region 9	1,447	92,068	1,333	74,311	*	15
Region 10	637	55,293	562	23,881	*	27
Region 11	1,811	100,598	1,457	38,359	*	80
Region 12	391	30,086	351	8,931	*	11

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8	
			Quantity	Value	Quantity	Value
<b>1980 / Air</b>						
All Commodities	1,799	183,086	1,878	254,205	492	28,709
Metropolitan	=====	=====	=====	=====	==	=====
Manila Area (NCR)	1,357	107,118	1,494	156,910	407	24,760
Region 1	22	224	2	80	*	2
Region 2	*	6	*	15	*	4
Region 3	-	-	-	-	-	-
Region 4	*	92	*	46	*	5
Region 5	2	61	19	435	*	8
Region 6	1	88	121	6,616	7	327
Region 7	348	72,116	48	19,788	70	3,213
Region 8	2	131	16	784	*	*
Region 9	2	141	22	12,150	3	64
Region 10	5	474	25	18,528	*	82
Region 11	54	2,259	115	19,582	3	220
Region 12	4	376	17	19,271	*	24

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
133	10,547	-	-	516	32,213	194	13,519
---	=====	---	====	====	=====	---	=====
100	9,478	-	-	502	31,364	165	12,010
16	418	-	-	1	16	*	25
15	544	-	-	*	*	*	6
-	-	-	-	-	-	-	-
*	14	-	-	*	397	*	19
1	16	-	-	*	34	5	274
*	7	-	-	*	33	*	42
*	12	-	-	8	267	12	515
*	3	-	-	2	12	*	6
*	37	-	-	*	10	*	31
*	7	-	-	*	2	*	60
*	7	-	-	1	78	6	308
*	4	-	-	*	1	3	224

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
967	99,886	1,186	106,848	2,091	283,537	431	140,900
---	=====	---	=====	====	=====	---	=====
672	74,095	985	71,110	1,567	119,801	327	130,244
*	32	*	19	4	167	2	117
*	5	*	10	*	17	*	6
-	-	-	-	-	-	-	-
*	27	*	6	*	8	*	11
*	47	3	50	4	98	2	31
13	598	12	804	50	1,978	9	492
138	14,154	101	8,467	412	142,330	50	7,750
*	35	*	48	1	103	*	20
45	2,239	4	708	18	1,834	19	528
7	522	4	327	30	11,268	2	114
88	7,946	74	25,108	3	5,731	9	919
2	184	2	192	2	203	11	666

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)			Desti	
			Quantity	Value	~Quantity	Region 1 Value	
<b>1981 / Air</b>							
All Commodities	17,476	1,888,318	8,610	652,013	27	2,457	
Metropolitan	=====	=====	=====	=====	=====	=====	=====
Manila Area (NCR)	6,928	851,030	-	-	18	2,101	
Region 1	135	4,000	12	2,146	-	-	
Region 2	43	17,183	23	16,215	5	103	
Region 3	0	0	-	-	-	-	
Region 4	1,123	24,899	1,121	24,597	*	13	
Region 5	276	124,850	237	90,848	*	16	
Region 6	2,112	283,275	1,953	271,172	*	29	
Region 7	2,347	295,869	1,235	105,997	1	81	
Region 8	111	6,372	96	5,411	*	2	
Region 9	1,647	78,964	1,530	49,178	*	14	
Region 10	975	59,340	931	40,333	*	26	
Region 11	1,408	115,699	1,136	36,697	2	52	
Region 12	369	26,839	335	9,418	*	20	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7			Region 8	
			Quantity	Value	Quantity	Value	
<b>1981 / Air</b>							
All Commodities	1,886	390,276	1,765	253,925	351	24,273	
Metropolitan	=====	=====	=====	=====	=====	=====	=====
Manila Area (NCR)	1,327	289,623	1,445	163,423	293	20,948	
Region 1	28	336	2	125	*	1	
Region 2	*	21	*	8	*	2	
Region 3	-	-	-	-	-	-	
Region 4	*	121	1	51	*	10	
Region 5	4	185	18	10,295	1	13	
Region 6	1	63	104	6,731	5	269	
Region 7	475	47,674	44	20,668	49	2,760	
Region 8	3	83	10	729	-	-	
Region 9	2	120	24	13,541	*	46	
Region 10	4	293	16	12,248	1	105	
Region 11	38	51,446	90	10,454	2	96	
Region 12	3	311	10	15,651	*	24	

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
170	16,235	-	-	540	34,696	171	13,698
***	=====	====	====	***	=====	***	=====
69	14,264	-	-	520	34,412	144	12,492
85	1,090	-	-	2	22	*	15
15	800	-	-	*	1	*	4
-	-	-	-	-	-	-	-
*	.5	-	-	1	37	*	24
*	1	-	-	1	30	8	289
*	3	-	-	*	35	1	39
*	11	-	-	16	119	8	332
-	-	-	-	*	1	*	9
*	24	-	-	*	9	*	30
*	5	-	-	*	5	1	36
*	21	-	-	*	24	7	194
*	11	-	-	*	1	3	235

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
932	87,271	1,053	108,622	1,629	242,635	342	39,217
***	=====	====	=====	***	=====	***	=====
696	62,701	897	93,874	1,243	125,579	278	31,614
*	11	1	33	4	192	1	29
*	15	*	4	*	10	-	-
-	-	-	-	-	-	-	-
*	1	*	10	*	24	*	6
*	25	1	14	3	110	3	23
5	257	10	707	28	3,781	5	190
109	11,927	83	4,842	292	95,807	33	5,649
1	36	*	28	1	44	*	29
42	3,900	4	651	39	10,979	5	473
4	256	2	153	15	5,835	1	44
72	7,911	55	8,185	1	128	4	493
3	232	1	122	1	147	12	667

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

Year/ Mode of Transport/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR)		Region 1		Dest i
			Quantity	Value	Quantity	Value	
<b>1982 / Air</b>							
All Commodities	22,091	1,950,618	12,970	764,109	25	2,734	
Metropolitan							
Manila Area (NCR)	6,882	681,155	-	-	14	2,187	
Region 1	255	6,029	37	2,820	-	-	
Region 2	52	45,236	23	43,415	5	88	
Region 3	-	0	-	-	-	-	
Region 4	1,277	33,149	1,274	32,779	*	57	
Region 5	384	33,490	338	32,318	1	12	
Region 6	3,977	203,603	3,775	195,853	*	35	
Region 7	3,158	642,843	1,970	231,003	1	215	
Region 8	429	11,929	415	11,244	*	9	
Region 9	1,754	154,892	1,579	121,478	*	29	
Region 10	1,338	57,903	1,273	43,810	*	31	
Region 11	2,165	53,028	1,895	35,042	2	45	
Region 12	421	27,359	392	14,346	*	26	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7		Region 8		Dest i
			Quantity	Value	Quantity	Value	
<b>1982 / Air</b>							
All Commodities	1,943	246,434	1,887	170,994	381	29,867	
Metropolitan							
Manila Area (NCR)	1,315	227,329	1,520	124,516	310	21,695	
Region 1	69	929	2	148	*	11	
Region 2	*	21	*	14	*	101	
Region 3	-	-	-	-	-	-	
Region 4	1	90	*	59	*	16	
Region 5	2	64	17	458	*	6	
Region 6	2	164	145	5,019	5	220	
Region 7	504	15,698	43	12,686	55	7,447	
Region 8	2	97	8	359	*	*	
Region 9	4	240	48	2,905	*	46	
Region 10	6	378	17	11,837	2	77	
Region 11	36	1,224	76	7,838	8	194	
Region 12	2	199	10	5,155	*	54	

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

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Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
235	8,754	-	-	610	55,300	153	32,924
---	----	---	----	---	----	---	-----
71	5,293	-	-	594	54,787	111	31,536
139	1,858	-	-	2	32	*	10
24	1,517	-	-	*	30	*	1
-	-	-	-	-	-	-	-
*	2	-	-	*	38	*	40
*	4	-	-	2	69	17	377
*	7	-	-	1	78	2	84
*	1	-	-	5	114	10	370
*	1	-	-	*	11	*	9
*	13	-	-	*	16	*	35
*	10	-	-	*	10	2	62
*	31	-	-	5	65	5	87
*	17	-	-	*	48	4	313

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
909	96,009	1,037	235,524	1,629	285,860	312	22,111
---	-----	---	-----	---	-----	---	-----
659	46,798	890	61,993	1,138	88,121	259	16,900
*	28	*	31	2	125	*	37
*	19	*	8	*	16	*	6
-	-	-	-	-	-	-	-
*	15	*	17	*	28	*	8
*	26	3	33	3	105	*	18
4	212	11	625	29	1,124	4	182
109	26,831	77	169,422	355	175,574	29	3,482
*	27	*	40	2	112	*	20
44	9,897	6	715	66	19,337	4	181
4	281	3	233	30	1,026	1	148
86	5,710	45	2,261	1	137	5	394
2	6,165	1	146	1	155	8	735

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Region 1		Desti
			Quantity	Value	Quantity	Value	
<b>1983 / Air</b>							
All Commodities	21,497	1,299,356	14,037	526,160	16	2,420	
Metropolitan	=====	=====	=====	=====	==	=====	
Manila Area (NCR)	5,380	492,062	*	*	10	2,025	
Region 1	250	6,147	43	2,726	*	2	
Region 2	29	28,886	11	27,861	*	40	
Region 3	-	0	-	-	-	-	
Region 4	1,557	20,465	1,554	20,236	1	20	
Region 5	325	123,463	.288	122,160	*	20	
Region 6	4,115	123,768	3,969	87,311	1	32	
Region 7	3,793	262,710	2,566	120,551	2	193	
Region 8	891	13,697	879	13,185	*	3	
Region 9	1,369	76,880	1,244	35,793	*	21	
Region 10	1,116	72,132	1,064	30,610	*	26	
Region 11	2,247	51,100	2,024	39,773	1	31	
Region 12	425	28,046	396	25,955	*	9	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8		Desti
			Quantity	Value	Quantity	Value	
<b>1983 / Air</b>							
All Commodities	1,772	126,615	1,638	192,885	358	37,126	
Metropolitan	=====	=====	=====	=====	==	=====	
Manila Area (NCR)	1,066	91,911	1,315	125,506	279	22,655	
Region 1	124	1,237	3	223	4	45	
Region 2	*	4	-	-	-	-	
Region 3	-	-	-	-	-	-	
Region 4	*	67	*	42	*	15	
Region 5	*	46	14	417	2	26	
Region 6	*	47	109	14,459	3	152	
Region 7	524	31,242	50	4,244	63	13,922	
Region 8	2	71	7	299	-	-	
Region 9	3	176	46	1,830 *	-	27	
Region 10	5	547	24	39,752	*	57	
Region 11	43	1,136	64	5,438	6	169	
Region 12	2	131	6	675	*	60	

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

nation

	Region 2	Region 3	Region 4	Region 5
	Quantity	Value	Quantity	Value
124	7,917	-	470	27,513
---	----	---	---	----
36	5,256	-	461	26,918
71	1,679	-	3	49
17	927	-	*	20
-	-	-	-	-
*	3	-	*	31
*	7	-	*	22
*	2	-	*	231
*	*	-	1	164
*	2	-	*	6
*	8	-	*	2
*	9	-	*	*
*	23	-	2	54
-	-	-	*	16

nation

	Region 9	Region 10	Region 11	Region 12
	Quantity	Value	Quantity	Value
745	95,746	777	109,626	1,226
---	-----	---	-----	-----
503	45,914	659	54,805	816
*	27	*	24	*
*	5	*	1	23
-	-	-	-	-
*	*	*	6	20
*	7	*	19	4
2	127	8	441	18
114	9,143	75	52,014	343
1	47	*	12	1
43	37,346	4	664	25
2	184	2	78	15
71	2,596	27	1,415	2
6	349	1	147	1

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Region 1		D e s t i
			Quantity	Value	Quantity	Value	
<b>1984 / Air</b>							
All Commodities	28,744	2,373,621	19,175	1,254,672	31	3,240	
Metropolitan	-----	-----	-----	-----	-----	-----	
Manila Area (NCR)	6,210	728,014	-	-	17	2,317	
Region 1	337	10,486	60	5,443	*	6	
Region 2	196	138,355	101	134,764	7	237	
Region 3	-	-	-	-	-	-	
Region 4	2,194	163,978	2,188	163,425	1	100	
Region 5	384	276,536	353	275,148	*	17	
Region 6	5,675	197,924	4,980	186,626	1	69	
Region 7	5,417	453,465	3,824	233,797	3	323	
Region 8	609	20,369	593	19,771	*	2	
Region 9	1,291	86,985	1,128	33,019	*	67	
Region 10	1,056	125,519	995	103,869	*	23	
Region 11	4,559	88,237	4,314	68,038	1	52	
Region 12	816	83,752	640	30,772	*	28	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8		D e s t i
			Quantity	Value	Quantity	Value	
<b>1984 / Air</b>							
All Commodities	1,899	210,559	2,387	267,903	437	60,247	
Metropolitan	-----	-----	-----	-----	-----	-----	
Manila Area (NCR)	1,137	180,060	1,427	142,728	352	45,892	
Region 1	146	1,924	2	92	2	24	
Region 2	*	8	*	18	*	3	
Region 3	-	-	-	-	-	-	
Region 4	2	202	*	54	*	8	
Region 5	1	45	20	750	*	2	
Region 6	2	100	653	8,322	4	312	
Region 7	565	25,981	66	30,570	74	13,752	
Region 8	2	76	13	483	*	2	
Region 9	2	188	49	2,612	*	25	
Region 10	4	365	30	19,659	*	41	
Region 11	39	1,403	111	13,136	4	158	
Region 12	1	207	17	49,479	*	28	

FLOW IN THE PHILIPPINES  
1980 TO 1986 (continued)  
Value in thousand pesos)

n a t i o n

	Region 2	Region 3	Region 4	Region 5
	Quantity	Value	Quantity	Value
235	9,835	-	-	517
---	=====	=====	====	=====
28	3,919	-	-	509
118	2,530	-	-	4
88	3,302	-	-	*
-	-	-	-	-
*	2	-	-	*
*	22	-	-	1
*	5	-	-	1
*	1	-	-	1
*	3	-	-	*
*	4	-	-	*
*	27	-	-	*
*	9	-	-	1
*	13	-	-	*
				2
				107
				15,836

n a t i o n

	Region 9	Region 10	Region 11	Region 12
	Quantity	Value	Quantity	Value
979	129,148	986	155,652	1,567
---	=====	==	=====	=====
640	66,931	792	74,374	1,011
2	66	*	44	2
*	10	*	6	*
-	-	-	-	-
*	5	1	25	1
*	27	*	7	1
3	223	9	772	22
212	10,432	150	78,327	450
*	7	*	9	*
64	47,519	2	188	44
3	219	1	100	23
53	3,461	31	1,566	1
1	249	*	235	1
				113
				425
				55,976
				=====
				212
				49,463
				1
				59
				*
				1
				-
				*
				2
				*
				3
				108
				51
				3,231
				*
				5
				2
				181
				*
				78
				4
				229
				154
				2,617

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Region 1		Desti
			Quantity	Value	Quantity	Value	
<b>1985 / Air</b>							
All Commodities	29,907	2,875,187	20,440	1,645,887	22	3,298	
Metropolitan	=====	=====	=====	=====	=====	=====	=====
Manila Area (NCR)	5,704	749,296	-	-	9	2,251	
Region 1	282	10,174	34	3,737	*	7	
Region 2	150	62,714	52	59,011	6	205	
Region 3	-	-	-	-	-	-	
Region 4	1,975	86,505	1,969	85,744	1	116	
Region 5	397	284,564	336	282,901	*	4	
Region 6	5,658	297,312	5,247	284,450	1	240	
Region 7	6,587	757,831	4,517	435,096	2	187	
Region 8	188	62,369	172	47,038	*	19	
Region 9	1,492	120,990	1,256	56,141	1	126	
Region 10	1,704	196,077	1,621	178,831	*	32	
Region 11	5,023	144,976	4,609	125,220	1	96	
Region 12	747	102,379	627	87,718	*	15	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8		Desti
			Quantity	Value	Quantity	Value	
<b>1985 / Air</b>							
All Commodities	1,927	187,810	2,087	229,606	410	58,060	
Metropolitan	=====	=====	=====	=====	=====	=====	=====
Manila Area (NCR)	1,037	153,020	1,225	153,756	297	50,632	
Region 1	126	2,316	3	213	*	14	
Region 2	*	27	*	21	*	1	
Region 3	-	-	-	-	-	-	
Region 4	2	192	*	75	*	11	
Region 5	*	42	43	957	*	5	
Region 6	1	136	365	8,853	4	325	
Region 7	696	29,626	124	8,059	104	6,853	
Region 8	1	58	14	15,116	*	1	
Region 9	2	225	79	5,348	2	86	
Region 10	4	328	42	14,525	*	29	
Region 11	59	1,515	177	10,378	2	70	
Region 12	1	315	15	12,306	*	33	

Source: National Census and Statistics Office.

FLOW IN THE PHILIPPINES  
1980 to 1986  
(Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
235	13,141	-	-	517	52,828	149	29,131
---	----	---	---	---	----	---	----
35	6,560	-	-	507	51,999	108	26,496
106	3,032	-	-	4	116	*	24
92	3,408	-	-	*	3	*	8
-	-	-	-	-	-	-	-
*	9	-	-	1	85	1	209
*	4	-	-	1	48	13	399
*	61	-	-	1	202	1	39
*	12	-	-	*	286	21	1,714
*	6	-	-	*	4	*	17
*	18	-	-	*	14	2	50
*	10	-	-	*	46	*	23
*	10	-	-	*	22	3	147
*	11	-	-	*	3	*	4

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
927	134,696	991	277,013	1,856	207,440	346	36,278
---	-----	---	-----	---	-----	---	-----
491	64,384	735	90,605	1,068	126,205	192	23,387
3	94	1	121	5	379	1	123
*	9	*	11	*	4	*	6
-	-	-	-	-	-	-	-
*	5	*	12	1	47	-	-
*	12	1	46	2	135	*	11
3	234	7	956	25	1,614	3	201
269	14,132	147	181,343	650	74,942	55	5,581
*	45	*	8	*	37	*	9
72	51,422	4	319	73	2,090	1	5,152
4	242	1	73	32	1,808	1	131
75	3,843	93	3,399	1	105	2	171
10	274	1	119	1	76	91	1,506

Table 13.20 - REGIONAL COMMODITY  
BY MODE OF TRANSPORT,  
(Quantity in thousand kilograms;

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Dest i	
			Quantity	Value	Region 1 Quantity	Value
<b>1980 / Water</b>						
All Commodities	11,567,163	33,071,290	2,663,381	8,022,770	409,627	647,356
Metropolitan						
Manila Area (NCR)	1,264,306	8,051,741	1,127	5,890	1,350	3,875
Region 1	21,616	26,987	370	2,932	-	-
Region 2	22,142	32,104	19,419	26,356	2,099	4,198
Region 3	2,151,334	4,016,004	517,345	1,153,522	300,528	464,156
Region 4	1,410,538	2,866,394	308,156	677,266	85,109	156,100
Region 5	138,281	383,798	38,419	118,700	-	-
Region 6	1,349,732	3,166,621	363,043	1,019,897	7,445	3,901
Region 7	1,577,948	5,310,937	420,245	1,588,944	2,440	1,029
Region 8	438,836	1,147,505	93,312	247,130	181	3,034
Region 9	738,631	1,450,205	82,401	265,728	8,850	4,426
Region 10	872,403	2,290,463	237,089	734,186	-	-
Region 11	815,009	2,281,931	345,860	1,279,560	25	340
Region 12	766,387	2,046,600	236,595	902,659	1,600	6,297

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8	
			Quantity	Value	Quantity	Value
<b>1980 / Water</b>						
All Commodities	1,239,644	3,440,780	2,092,852	6,600,856	377,596	1,160,757
Metropolitan						
Manila Area (NCR)	133,140	1,038,460	403,275	2,425,824	53,211	407,961
Region 1	372	410	-	-	83	380
Region 2	-	-	24	118	-	-
Region 3	112,998	208,631	136,478	293,127	74,823	131,920
Region 4	108,562	248,107	153,527	325,439	9,950	28,773
Region 5	1,820	3,855	23,113	59,744	3,914	11,020
Region 6	632,979	1,216,936	156,986	456,327	39,504	55,440
Region 7	163,866	565,622	241,278	643,969	86,457	296,375
Region 8	2,559	7,511	118,214	269,126	55,234	173,915
Region 9	7,989	19,131	74,985	301,370	1,015	1,238
Region 10	21,713	42,090	366,998	870,318	15,198	22,446
Region 11	3,136	5,913	240,454	477,972	2,058	2,492
Region 12	50,510	84,114	177,520	477,522	36,149	28,797

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
67,084	143,472	330,785	412,474	577,962	1,234,138	307,244	714,428
=====	=====	=====	=====	=====	=====	=====	=====
1,810	4,257	38,451	41,146	42,506	216,271	19,406	93,557
4,199	11,421	7,792	4,000	-	-	8,610	7,272
35	109	-	-	-	-	-	-
44,969	86,582	17,595	12,847	369,171	649,051	53,896	102,795
14,689	38,494	222,843	331,187	102,525	241,760	71,143	176,218
-	-	-	-	270	1,074	49,499	138,944
-	-	-	-	5,276	12,848	6,151	13,152
1,367	2,568	34,188	20,678	11,041	21,109	32,974	73,044
-	-	9,412	1,543	3,389	5,128	21,030	50,001
-	-	188	377	9,077	5,842	20	41
15	41	-	-	9,010	10,734	10,871	14,965
-	-	-	-	23,103	66,137	2,120	3,853
-	-	316	696	2,594	4,184	31,522	40,585

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
826,855	1,557,115	825,469	3,290,558	1,118,376	4,054,238	730,291	1,784,347
=====	=====	=====	=====	=====	=====	=====	=====
55,528	265,088	173,019	1,189,902	283,218	2,017,993	58,265	341,517
3	14	-	-	186	558	-	-
15	23	-	-	-	-	550	1,300
49,076	91,281	83,354	172,626	304,425	496,078	86,678	153,387
45,290	69,528	90,642	203,643	146,231	285,223	51,871	84,656
980	2,371	15,379	36,809	172	520	4,716	10,760
45,702	112,412	36,929	93,498	28,660	133,409	27,057	48,801
76,747	245,464	253,753	1,078,079	128,997	487,227	124,593	286,829
5,427	8,776	20,599	119,907	3,684	19,168	105,795	242,268
444,796	569,221	23,302	35,069	56,323	179,293	29,685	60,469
24,238	46,707	69,545	240,886	21,553	56,447	96,174	251,641
21,874	47,882	15,779	35,137	67,850	182,213	92,750	180,432
57,179	98,348	43,168	85,002	77,077	196,109	52,157	122,287

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Desti	
			Quantity	Value	Region 1 Quantity	Region 1 Value
<b>1981 / Water</b>						
All Commodities	11,440,198	34,977,146	3,646,163	10,881,697	316,147	823,246
Metropolitan						
Manila Area (NCR)	1,004,812	7,156,672	-	-	1,652	2,818
Region 1	16,891	17,102	343	1,222	-	-
Region 2	33,661	35,960	30,526	33,583	672	766
Region 3	2,536,958	6,166,003	1,438,394	3,399,509	180,184	385,296
Region 4	1,457,477	3,472,950	351,648	785,078	114,554	394,896
Region 5	170,104	504,132	32,678	141,265	1,154	1,704
Region 6	1,251,618	3,084,379	424,649	1,281,401	123	1,530
Region 7	1,607,846	5,591,005	412,882	1,685,249	3,281	8,397
Region 8	473,393	1,089,497	75,527	207,207	-	-
Region 9	474,372	1,335,647	83,634	325,132	5,623	12,832
Region 10	725,150	1,924,190	189,244	648,254	-	-
Region 11	874,303	2,607,126	376,611	1,515,198	8,057	11,060
Region 12	813,613	1,992,483	230,027	858,599	850	3,947

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Desti	
			Quantity	Value	Region 8 Quantity	Value
<b>1981 / Water</b>						
All Commodities	1,043,615	3,066,728	1,838,003	5,876,690	375,034	1,158,222
Metropolitan						
Manila Area (NCR)	131,357	1,086,781	269,720	1,991,565	42,985	345,269
Region 1	1,265	1,583	-	-	-	-
Region 2	2	5	-	-	-	-
Region 3	85,137	187,631	130,947	316,382	60,203	135,910
Region 4	118,615	292,617	118,468	306,495	22,636	51,217
Region 5	1,493	3,591	23,443	60,132	2,121	5,643
Region 6	465,909	916,857	161,481	400,931	31,163	46,380
Region 7	134,884	410,487	244,046	731,485	90,189	355,516
Region 8	3,681	7,381	122,412	302,619	49,205	121,726
Region 9	9,364	18,015	59,540	151,289	2,810	4,205
Region 10	23,480	32,273	283,945	680,116	28,111	40,493
Region 11	3,175	8,769	268,921	540,082	6,486	16,028
Region 12	65,253	100,738	155,080	395,594	39,125	35,835

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
73,726	236,476	356,866	384,097	270,537	845,858	336,771	886,615
69	1,055	55,680	68,865	75,960	338,570	13,712	71,571
12	300	-	-	86	243	15,170	13,732
2,457	1,602	-	-	-	-	-	-
52,265	169,888	14,201	16,619	46,907	122,758	58,918	180,448
18,845	63,547	226,480	262,013	81,245	236,454	67,936	232,134
-	-	875	1,750	232	614	38,535	107,725
-	-	6,346	12,692	6,612	19,203	11,200	26,645
-	-	35,086	15,716	4,800	8,593	36,218	95,865
-	-	16,777	3,827	1,201	1,864	38,650	64,954
-	-	224	492	811	1,289	970	825
78	84	1,197	2,123	9,271	12,866	23,441	33,310
-	-	-	-	33,412	94,787	5,009	17,067
-	-	-	-	9,998	8,617	27,012	42,337

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Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
510,566	1,392,237	794,836	3,059,756	1,117,649	4,409,083	760,287	1,956,361
33,234	244,499	103,933	702,480	244,646	2,075,567	31,863	227,632
-	-	15	21	-	-	-	-
4	4	-	-	-	-	-	-
58,584	163,896	137,080	326,371	194,843	535,204	79,296	226,010
35,197	83,304	65,548	202,116	192,051	463,040	44,255	100,039
3,990	5,209	10,351	46,072	298	1,373	54,934	129,055
42,429	111,140	40,913	116,118	30,933	84,493	29,860	66,990
49,647	159,002	281,206	1,190,988	151,601	534,952	164,007	394,754
12,086	18,569	22,953	107,580	4,884	12,061	126,018	241,710
194,316	461,676	11,494	22,081	66,290	237,303	39,296	100,509
18,111	28,837	58,401	200,473	17,086	45,081	72,784	200,279
18,973	48,432	17,811	50,998	72,421	147,225	63,428	157,479
43,995	67,669	45,131	94,460	142,596	272,784	54,546	111,902

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

Year/ Mode of Transport/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR)		Desti	
			Quantity	Value	Region 1 Quantity	Region 1 Value
<b>1982 / Water</b>						
All Commodities	11,434,820	37,643,050	3,874,503	12,390,822	414,145	912,438
Metropolitan						
Manila Area (NCR)	1,096,032	7,705,205	-	-	4,290	8,902
Region 1	18,717	20,710	411	3,315	-	-
Region 2	60,247	57,504	54,666	50,287	-	-
Region 3	2,636,419	7,035,189	1,511,304	3,916,228	204,438	460,998
Region 4	1,421,869	3,939,284	301,817	735,253	158,942	410,185
Region 5	102,091	279,882	30,796	117,443	2,300	1,740
Region 6	1,259,383	3,608,887	459,437	1,583,222	1,500	1,500
Region 7	1,530,641	5,530,170	355,154	1,619,524	-	-
Region 8	334,202	856,963	88,600	258,952	33	282
Region 9	541,670	1,488,957	110,518	425,242	41,468	25,108
Region 10	776,378	2,225,607	216,982	706,326	364	550
Region 11	927,607	2,964,934	523,964	2,122,532	-	-
Region 12	729,564	1,929,758	220,852	852,498	810	3,173
 <b>Desti</b>						
Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7		Region 8	
			Quantity	Value	Quantity	Value
<b>1982 / Water</b>						
All Commodities	1,114,568	3,548,048	1,863,683	6,378,530	384,696	1,310,397
Metropolitan						
Manila Area (NCR)	130,472	1,048,605	331,692	2,256,295	57,241	380,889
Region 1	-	-	424	776	-	-
Region 2	-	-	96	383	-	-
Region 3	84,618	264,644	166,817	486,348	41,102	145,473
Region 4	112,223	329,618	149,181	364,739	25,763	89,880
Region 5	899	3,167	17,924	40,225	2,903	7,852
Region 6	484,421	1,112,811	133,529	425,944	25,029	47,404
Region 7	186,558	578,469	221,475	718,392	121,014	457,878
Region 8	4,297	9,416	95,249	238,405	37,766	86,095
Region 9	5,076	12,033	49,558	150,883	1,500	2,017
Region 10	21,627	49,493	297,466	802,075	22,152	38,565
Region 11	5,227	16,349	240,808	493,528	1,255	3,818
Region 12	79,150	123,443	159,464	400,535	48,971	50,526

FLOW IN THE PHILIPPINES  
1980 to 1985 (continued)  
Value in thousand pesos)

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Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
79,040	236,896	195,191	449,970	320,959	994,552	309,802	854,607
925	4,323	23,630	33,463	33,160	197,353	16,928	89,285
-	-	-	-	-	-	13,149	12,227
5,131	5,591	-	-	-	-	-	-
38,531	129,141	2,505	1,510	130,539	391,170	48,637	158,578
33,446	95,610	137,668	395,569	107,984	314,833	68,442	255,370
-	-	-	-	1,264	5,235	27,953	73,228
-	-	-	-	4,937	13,375	16,429	50,853
988	2,100	30,819	17,922	20,305	35,665	28,726	81,522
-	-	-	-	5,941	5,227	29,287	52,007
13	71	-	-	887	7,982	4,172	6,401
6	60	206	300	7,026	11,271	24,641	35,949
-	-	363	1,206	1,168	706	6,137	6,286
-	-	-	-	7,648	11,735	25,301	32,901

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Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
501,657	1,400,730	875,481	3,478,664	1,005,960	4,454,067	495,232	1,233,331
36,540	242,057	126,879	972,279	303,307	2,283,430	30,967	188,324
-	-	2,340	1,872	2,393	2,520	-	-
20	58	-	-	335	1,185	-	-
56,672	179,060	148,954	370,288	157,964	422,830	44,338	108,921
21,494	74,379	90,382	251,945	184,617	547,365	29,908	74,538
2,746	4,242	1,053	4,756	418	1,684	13,835	20,310
36,446	101,146	46,286	131,364	22,418	78,973	28,950	62,295
37,291	122,728	279,657	1,141,449	124,917	456,793	123,737	297,728
5,992	10,416	21,580	108,964	1,614	9,846	43,844	77,353
216,489	512,716	9,075	17,255	51,846	234,052	51,070	95,197
25,733	38,854	78,532	326,342	13,814	41,712	67,827	174,110
24,500	57,975	24,680	39,083	82,293	174,641	17,211	48,810
37,734	57,099	46,063	113,067	60,024	199,036	43,545	85,745

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

Year/ Mode of Transport/ Origin	Total Quantity	Value	Metropolitan Manila Area (NCR)		Dest i	
			Quantity	Value	Region 1 Quantity	Value
<b>1983 / Water</b>						
All Commodities	12,767,660	43,950,432	4,201,669	14,921,254	347,183	622,761
Metropolitan						
Manila Area (NCR)	1,244,833	8,503,597	-	-	39	531
Region 1	51,746	104,712	1,270	5,020	-	-
Region 2	88,386	113,699	79,086	96,355	-	-
Region 3	2,440,616	6,751,213	1,197,211	3,569,317	213,960	316,237
Region 4	1,580,059	4,566,241	361,707	849,795	80,819	276,288
Region 5	150,944	459,733	41,164	135,891	-	-
Region 6	1,264,920	4,065,232	461,362	1,803,245	18	200
Region 7	1,758,097	6,410,355	417,883	1,931,530	3	56
Region 8	448,201	1,459,862	136,314	429,488	-	-
Region 9	731,721	1,808,461	140,993	458,462	51,323	28,938
Region 10	866,893	2,630,099	288,987	1,072,353	-	-
Region 11	1,218,553	4,005,724	656,113	2,734,081	-	-
Region 12	922,691	3,071,504	419,579	1,835,717	1,021	511

Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Region 7		Region 8	
			Quantity	Value	Quantity	Value
<b>1983 / Water</b>						
All Commodities	1,191,091	3,828,719	2,093,844	8,318,180	603,464	1,762,784
Metropolitan						
Manila Area (NCR)	100,541	832,135	494,500	3,399,312	69,977	430,637
Region 1	-	-	509	1,673	29,916	49,787
Region 2	-	-	-	-	-	-
Region 3	87,381	268,098	138,049	450,808	56,237	189,832
Region 4	142,049	472,726	162,249	508,910	48,910	129,125
Region 5	22,919	67,584	15,469	28,871	8,832	16,387
Region 6	503,243	1,349,478	122,468	400,081	34,334	66,567
Region 7	163,287	548,492	248,620	906,879	211,422	608,766
Region 8	7,140	17,548	94,074	325,053	49,655	159,619
Region 9	7,201	19,980	58,940	204,293	3,424	8,174
Region 10	46,409	73,926	295,802	880,992	36,068	46,808
Region 11	10,522	15,306	267,033	619,831	20,108	22,447
Region 12	100,399	163,446	196,131	591,475	34,581	34,635

FLOW IN THE PHILIPPINES  
 1980 to 1985 (continued)  
 Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
80,296	316,872	347,531	628,885	447,034	1,184,574	381,351	1,133,456
=====	=====	=====	=====	=====	=====	=====	=====
865	5,270	28,745	45,844	36,761	222,920	45,567	192,654
1,700	6,942	400	1,400	1,493	12,655	13,893	22,735
4,929	8,220	-	-	133	530	4,195	7,764
40,598	158,819	48,885	94,258	117,034	306,619	63,209	234,111
31,177	133,261	217,250	429,461	130,298	414,989	60,114	228,734
-	-	139	298	1,112	3,870	34,667	110,357
-	-	36	223	4,845	15,595	10,314	30,509
985	3,940	42,455	27,545	39,238	64,170	46,623	133,911
-	-	9,318	27,955	7,591	10,207	36,661	90,026
42	420	303	1,901	74,084	71,127	1,282	1,898
-	-	-	-	7,264	10,941	25,233	29,349
-	-	-	-	13,013	26,492	17,111	19,286
-	-	-	-	14,172	24,459	22,481	32,120

n a t i o n

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
605,706	1,844,129	863,207	3,315,796	1,101,895	4,636,125	503,390	1,436,896
=====	=====	=====	=====	=====	=====	=====	=====
26,648	155,448	118,429	834,302	281,528	2,148,249	41,233	236,295
-	-	-	-	2,442	2,000	124	2,500
-	-	44	828	-	-	-	-
46,105	181,212	125,073	330,419	257,672	488,822	49,202	162,660
28,907	91,730	122,885	392,395	160,119	530,489	33,574	108,340
9,001	25,647	4,665	28,267	6,066	24,536	6,909	18,022
49,269	142,945	41,540	126,226	16,416	66,491	21,076	63,673
59,956	223,584	274,055	1,083,688	123,082	534,534	130,492	343,259
27,786	93,394	25,229	121,388	18,693	65,599	35,739	119,584
232,455	650,521	10,326	20,794	72,404	245,089	78,944	96,864
29,413	69,388	65,660	226,808	17,386	58,062	54,670	161,471
67,774	158,670	39,473	53,873	110,924	308,209	16,482	47,530
28,392	51,590	35,828	96,808	35,163	164,045	34,945	76,698

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

Year/ Mode of Transport/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR) Quantity	Metropolitan Manila Area (NCR) Value	Region 1 Quantity	Region 1 Value	D e s t i
1984 / Water							
All Commodities	11,880,327	56,914,712	3,298,024	18,090,053	226,147	1,054,654	
Metropolitan							
Manila Area (NCR)	774,257	6,491,402	3,472	13,921	1,284	4,537	
Region 1	37,200	153,378	5,880	27,469	-	-	
Region 2	15,337	31,037	14,565	29,109	-	-	
Region 3	2,368,487	12,387,949	1,088,535	6,030,700	113,024	684,023	
Region 4	1,404,633	6,293,868	134,976	710,022	104,986	347,617	
Region 5	234,490	923,007	29,100	151,818	1,711	1,556	
Region 6	1,010,208	4,184,287	294,090	1,218,119	2,648	8,694	
Region 7	2,306,776	9,176,175	241,221	1,504,132	706	6,000	
Region 8	361,383	1,686,413	124,186	439,441	29	534	
Region 9	315,404	1,698,603	26,109	204,149	-	-	
Region 10	1,023,284	4,379,381	349,344	1,737,949	-	-	
Region 11	1,226,305	5,925,519	626,701	4,014,842	1,760	1,694	
Region 12	802,564	3,583,695	359,846	2,008,382	-	-	

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1984 / Water						
All Commodities	1,269,398	5,734,337	2,201,756	10,352,447	913,008	3,878,390
Metropolitan						
Manila Area (NCR)	115,524	1,071,492	296,293	2,415,825	58,826	448,150
Region 1	2,820	19,465	850	4,361	25,000	88,690
Region 2	-	-	-	-	-	-
Region 3	172,383	888,413	281,263	1,204,196	42,105	247,293
Region 4	170,849	786,983	246,044	1,102,015	67,168	303,437
Region 5	14,752	16,156	34,246	63,439	13,178	63,326
Region 6	280,764	1,188,467	179,631	700,557	67,456	259,686
Region 7	324,418	1,286,267	253,814	1,307,277	423,297	1,719,040
Region 8	11,004	37,261	70,420	342,866	67,006	319,343
Region 9	56,958	129,270	397,694	1,613,082	43,698	145,294
Region 10	30,540	55,731	230,496	751,070	76,125	240,925
Region 11	80,481	194,690	168,626	640,982	28,512	40,400
Region 12	802,564	3,583,695	359,846	2,008,382	-	-

FLOW IN THE PHILIPPINES  
1980 TO 1986 (continued)  
Value in thousand pesos)

n a t i o n

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
4,555	30,724	76,134	206,027	585,933	2,626,536	372,296	1,639,766
=====	=====	=====	=====	=====	=====	=====	=====
2,590	21,237	3,571	16,033	38,855	334,279	10,558	65,436
-	-	-	-	-	-	400	2,000
-	-	-	-	771	1,928	-	-
-	-	10,151	40,688	235,451	1,075,172	36,652	211,500
370	1,850	30,832	87,295	191,501	821,537	89,030	419,872
380	1,140	-	-	17,898	117,754	62,634	334,106
824	5,272	3,741	10,436	11,795	40,872	8,537	42,444
300	900	19,564	16,144	57,776	161,463	62,757	280,158
-	-	503	251	2,312	20,390	5,505	43,705
-	-	3,494	22,716	624	2,201	-	-
91	325	1,350	4,096	6,940	22,933	27,219	160,913
-	-	2,929	8,367	9,946	9,387	47,512	54,297
-	-	-	-	12,063	18,620	21,492	25,335

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
605,270	3,350,048	1,215,371	4,069,155	773,837	4,312,513	338,598	1,570,060
=====	=====	=====	=====	=====	=====	=====	=====
33,500	307,165	61,731	600,559	111,384	928,167	36,670	264,600
-	-	-	-	2,250	11,393	-	-
-	-	-	-	-	-	-	-
43,019	246,799	86,492	367,747	203,218	1,100,413	56,194	291,006
35,161	195,581	134,718	598,588	128,107	609,283	70,891	309,788
5,222	46,094	44,859	80,167	3,667	15,342	6,843	32,109
46,422	216,723	93,020	385,157	11,473	61,057	9,805	46,805
80,020	511,386	627,303	1,370,310	138,930	724,606	76,671	288,491
38,712	314,104	24,515	117,471	16,988	50,913	205	134
21,167	67,368	76,984	332,030	21,912	86,027	19,928	80,094
78,802	322,250	16,540	37,319	75,134	359,068	29,821	70,569
31,971	184,521	44,269	156,606	30,804	172,968	24,500	141,191
-	-	-	-	12,063	18,620	21,492	25,335

## CHAPTER 14

### ENERGY AND WATER RESOURCES

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## **CHAPTER 14**

### **ENERGY AND WATER RESOURCES**

The field of energy has recently emerged as a major economic concern of the government since its role in the development process in terms of stimulating the economy and supporting the rising standard of living has become more fully appreciated. The government has developed an energy development program and embarked on its search for alternative sources of energy in order to reduce dependence on imported fossil fuel. As such, energy is a new statistical area of interest where there are limited data available in spite of the country's vast potential natural energy resources which include hydroelectric, geothermal, natural gas, coal, energy petroleum, and nuclear energy as well as solar, ocean and wind power which are non-conventional sources of energy. Nevertheless, presented in this chapter are the available traditional energy statistics which form the energy data base for the country as follows: electricity production and consumption by sector; National Power Corporation plant capacity distribution by area; installed capacity by type of plant; annual gross energy generation; and national energy consumption by source.

Similarly, the water resource sector is a rather new 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 irrigated and benefited areas and duly organized water districts with filed and issued conditional certificates of conformance per region.

Statistics on energy and water resources are produced by the National Census and Statistics Office, National Power Corporation, Manila Electric Company, National Electrification Administration, Board of Energy, Department of Energy, National Irrigation Administration and Local Water Utilities Administration.

Table 14.1 - ELECTRICITY PRODUCTION AND CONSUMPTION BY SECTOR  
 1970 to 1987  
 (In million kilowatt hours)

Year	Production	Total	Electric Energy		Consumption		
			Industrial	Utilities	Resid- ential	Commercial	Others
1970	6,791	5,849.8	2,540.6	682.7	1,262.0	1,272.0	92.5
1971	7,444	6,514.8	2,822.2	757.9	1,287.0	1,433.0	214.7
1972	7,942	6,949.2	2,903.4	825.8	1,362.0	1,522.0	336.0
1973	8,718	7,677.4	3,251.7	942.7	1,447.0	1,648.0	388.0
1974	8,793	7,792.4	3,438.9	973.6	1,302.0	1,629.0	448.9
1975	9,618	8,597.9	3,709.0	1,140.0	1,418.0	1,812.0	518.9
1976	10,432	9,341.0	4,121.2	1,228.8	1,486.0	1,958.0	547.0
1977	11,336	9,996.7	4,383.8	1,368.8	1,623.0	2,177.0	444.1
1978	12,497	13,287.3	4,808.9	3,832.9	1,786.0	2,323.0	536.5
1979	13,893	12,394.8	5,205.4	2,093.0	2,015.0	2,508.0	573.4
1980	15,086	13,191.8	5,246.4	2,498.7	2,227.0	2,617.0	602.7
1981	15,988	13,845.7	5,178.8	2,989.2	2,406.0	2,681.0	590.7
1982	17,413	14,757.6	5,265.7	3,675.9	2,566.0	2,783.0	467.0
1983	18,682	15,732.9	5,609.2	3,953.6	2,860.0	2,961.0	349.1
1984	18,825	15,519.2	5,480.1	4,058.4	2,831.0	2,691.5	458.2
1985	18,738	15,232.4	5,221.3	4,045.4	2,829.6	2,612.6	523.5
1986	19,254	15,325.1	5,178.1	4,127.3	2,820.4	2,643.9	555.4
1987							
January	1,554	1,248.6	420.6	349.5	231.3	198.8	48.4
February	1,651	1,316.6	490.2	351.0	211.7	212.8	50.9
March	1,569	1,336.9	483.3	340.4	236.3	231.9	45.0

Sources: National Power Corporation and Manila Electric Company.

Figure 14.1  
ELECTRICITY PRODUCTION AND CONSUMPTION  
BY SECTOR: 1970 to 1986

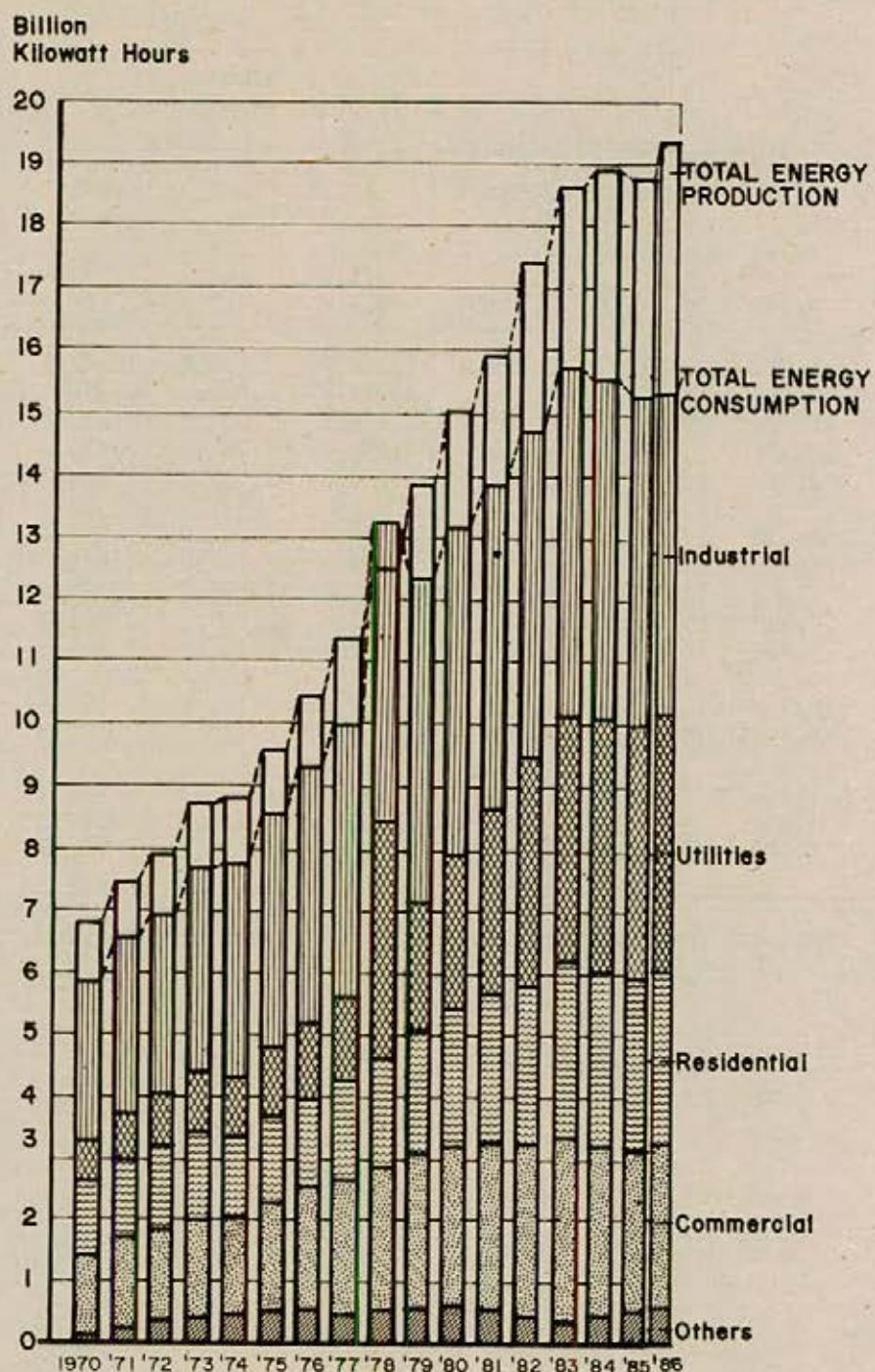


Table 14.2 - NATIONAL POWER CORPORATION INSTALLED CAPACITY<sup>1</sup>  
 BY TYPE OF PLANT: 1981 TO 1986  
 (In MegaWatts)

	1981	1982	1983	1984	1985	1986
Philippines	4,016	4,460	5,001	5,196	5,550	5,788
====	=====	=====	=====	=====	=====	=====
Hydro	940	1,267	1,564	1,654	1,944	2,124
Oil based <sup>2</sup>	2,525	2,584	2,603	2,298	2,362	2,365
Geothermal	501	559	784	894	894	894
Coal-oil Dual Fired	50	50	50	350	350	405
Luzon	3,281	3,636	3,906	4,101	4,101	4,111
====	=====	=====	=====	=====	=====	=====
Hydro	556	856	1,126	1,216	1,216	1,226
Oil based <sup>2</sup>	2,230	2,230	2,230	1,925	1,925	1,925
Geothermal	495	550	550	660	660	660
Coal-oil Dual Fired	-	-	-	300	300	300
Visayas	224	266	478	510	542	600
====	=====	=====	=====	=====	=====	=====
Hydro	2	2	2	2	2	2
Oil based <sup>2</sup>	166	205	192	224	256	259
Geothermal	6	9	234	234	234	234
Coal-oil Dual Fired	50	50	50	50	50	105
Mindanao	511	558	617	585	907	1,077
====	=====	=====	=====	=====	=====	=====
Hydro	382	409	436	436	726	896
Diesel	129	149	181	149	181	181

<sup>1</sup>Inclusive of test-run plants.

<sup>2</sup>Composed of diesel and thermal.

Source: National Power Corporation.

Table 14.3 - NATIONAL POWER CORPORATION  
1975-  
(In

Area	1975	1976	1977	1978	1979
PHILIPPINES	655.0	656.0	1,006.5	2,187.4	3,515.5
Luzon	501.4	502.4	752.4	1,902.2	2,994.2
Mt. Province	175.0	175.0	175.0	175.0	175.0
North Central Plain	-	-	100.0	100.0	100.0
South Central Plain	212.0	212.0	212.0	218.0	218.0
Southern Tagalog	32.0	32.0	32.0	32.0	159.0
Bicol Region	7.4	8.4	8.4	2.2	112.2
Cagayan	-	-	-	-	-
Metro Manila	75.0	75.0	225.0	1,375.0	2,230.0
Visayas	2.0	2.0	41.5	72.6	92.7
Negros Oriental	0.8	0.8	0.8	11.8	11.8
Negros Occidental	-	-	-	-	-
Bohol	1.2	1.2	1.2	6.7	12.2
Cebu	-	-	36.5	51.1	51.1
Panay	-	-	-	-	14.6
Leyte	-	-	3.0	3.0	3.0
Mindanao	151.6	151.6	212.6	212.6	428.6
Lanao del Norte	150.0	150.0	200.0	200.0	380.0
Bukidnon	1.6	1.6	1.6	1.6	1.6
Misamis Oriental	-	-	11.0	11.0	47.0
Cotabato	-	-	-	-	-

<sup>1</sup>Rockwell Thermal Power Plant was put out of operation.

<sup>2</sup>One (1) unit 7.3 MW from Cebu Diesel Plant transferred to Panay Diesel in April 1984.

Source: National Power Corporation.

## PLANT CAPACITY LIST BY AREA

1986

MegaWatts)

1980	1981 <sup>1</sup>	1982 <sup>1</sup>	1983	1984 <sup>2</sup>	1985	1986
3,815.7	3,903.0	4,324.0	5,000.9	5,195.9	5,549.9	5,786.5
=====	=====	=====	=====	=====	=====	=====
3,226.2	3,156.2	3,511.2	3,906.2	4,101.2	4,101.2	4,101.2
175.0	175.0	175.0	175.0	175.0	175.0	175.0
112.0	112.0	112.0	112.0	112.0	112.0	112.0
218.0	218.0	218.0	218.0	218.0	218.0	218.0
269.0	269.0	569.0	569.0	979.0	979.0	979.0
222.2	277.2	332.2	332.2	332.2	332.2	332.2
-	-	-	270.0	360.0	360.0	360.0
2,230.0	2,105.0	2,105.0	2,230.0	1,925.0	1,925.0	1,925.0
103.0	224.3	263.3	478.1	510.1	542.1	637.3
14.8	14.8	17.8	130.3	130.3	130.3	130.7
-	32.0	32.0	32.0	32.0	32.0	36.5
12.2	12.2	12.2	12.2	12.2	12.2	15.5
51.1	101.1	137.1	158.9	158.9	158.9	238.6
21.9	29.2	29.2	29.2	29.2	61.2	68.5
3.0	35.0	35.0	115.5	147.5	147.5	147.5
486.5	522.5	549.5	616.6	584.6	906.6	1,048.0
380.0	380.0	407.0	434.0	434.0	639.0	639.0
1.6	1.6	1.6	1.6	1.6	86.6	126.7
83.0	119.0	119.0	158.7	126.7	158.7	260.0
21.9	21.9	21.9	22.3	22.3	22.3	22.3

Table 14.4 - NATIONAL POWER CORPORATION ANNUAL GROSS ENERGY  
GENERATION BY TYPE OF PLANT,  
1978 to 1986  
(In million kiloWatt hours)

	1978 <sup>2</sup>	1979	1980	1981	1982	1983	1984	1985	1986
Philippines	13,497	13,893	8,086	15,988	17,413	18,682	18,666	18,757	19,263
Hydro	3,792	2,868	3,502	3,724	3,751	2,964	5,167	6,713	6,970
Oil based <sup>3</sup>	9,702	10,368	2,507	9,494	10,016	11,514	8,536	5,514	5,989
Geothermal	3	657	2,077	2,770	3,586	4,093	4,540	4,945	4,586
Coal-oil Dual Fired	-	-	-	-	60	111	423	1,585	1,718
Luzon	11,222	12,504	6,115	13,666	14,398	15,294	14,655	14,449	14,756
Hydro	1,755	1,731	1,873	2,033	1,832	1,274	2,519	5,825	6,328
Oil based <sup>3</sup>	9,467	10,120	2,173	8,894	9,011	10,145	7,787	2,869	2,956
Geothermal	-	653	2,069	2,739	3,555	3,875	4,125	4,284	3,900
Coal-oil Dual Fired	-	-	-	-	-	-	224	1,471	1,572
Visayas	230	243	321	503	777	1,057	1,177	1,343	1,467
Hydro	11	8	9	8	10	9	12	561	624
Oil based <sup>3</sup>	216	231	304	464	676	719	551	7	11
Geothermal	3	4	8	31	31	218	415	661	686
Coal-oil Dual Fired	-	-	-	-	60	111	199	114	146
Mindanao	2,045	1,146	1,650	1,819	2,238	2,331	2,834	2,965	3,040
Hydro	2,026	1,129	1,620	1,683	1,909	1,681	2,636	2,638	3,022
Oil based <sup>3</sup>	19	17	30	136	329	650	198	327	18
Geothermal	-	-	-	-	-	-	-	-	-

<sup>1</sup>Includes generation of power plants under test run.

<sup>2</sup>Includes energy generation of MERALCO plants.

<sup>3</sup>Composed of diesel and thermal.

Source: National Power Corporation.

Figure 14.2  
IRRIGATED AND BENEFITED AREAS BY THE  
NATIONAL IRRIGATION ADMINISTRATION: 1976 to 1985

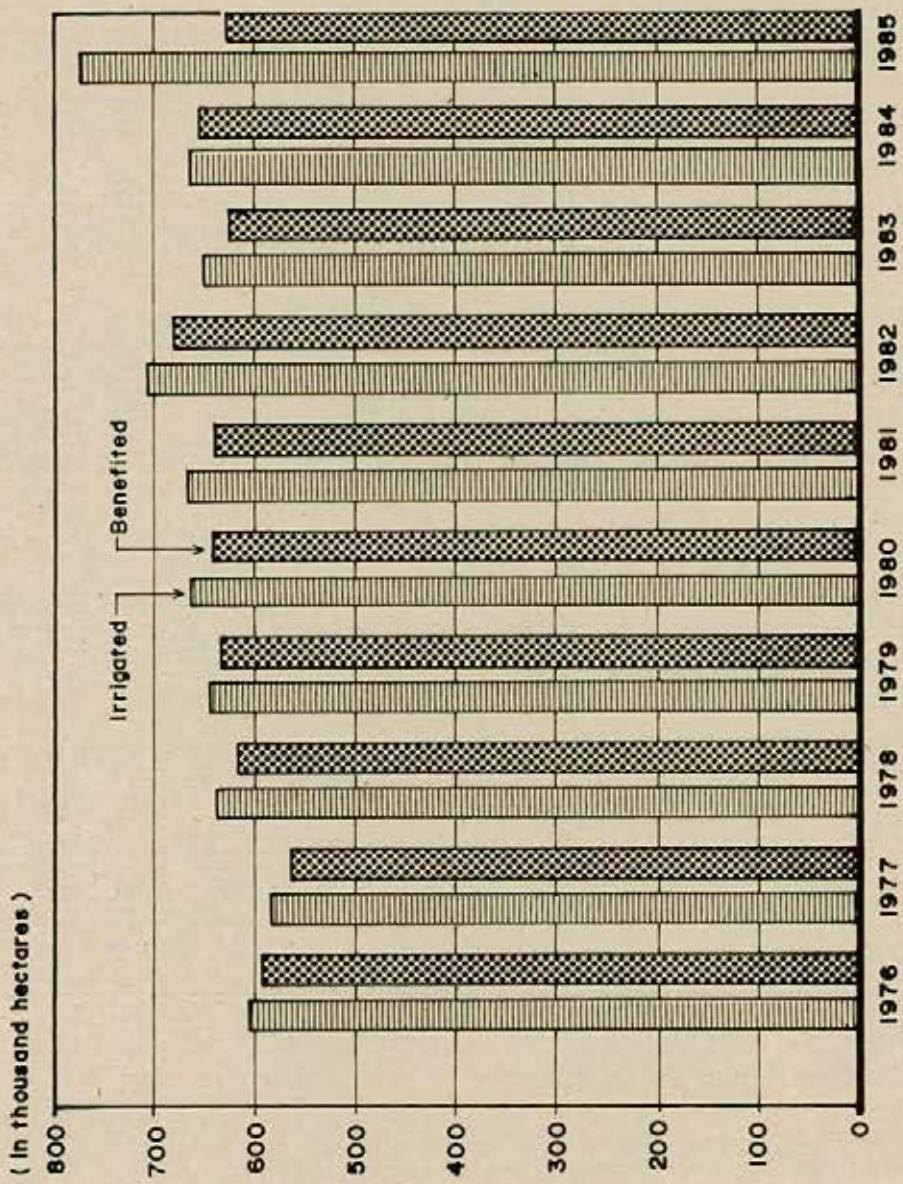


Table 14.5 - HISTORICAL ENERGY CONSUMPTION  
(In million barrels of Fuel-Oil-Equivalent,

	1978		1979		1980		1981	
	Vol.	%	Vol.	%	Vol.	%	Vol.	%
INDIGENOUS ENERGY	18.79	19.96	25.92	26.92	27.43	28.31	26.30	28.14
I. Conventional	5.58	5.93	13.86	13.86	13.91	14.35	13.40	14.34
Oil	-	-	7.18	7.18	3.51	3.62	1.37	1.47
Coal	0.93	0.99	0.82	0.82	0.96	0.99	0.90	0.96
Hydro	4.64	4.93	4.80	4.80	5.94	6.13	6.38	6.83
Geothermal	0.01	0.01	1.06	1.06	3.50	3.61	4.75	5.08
II. Non-Conventional	13.21	14.03	13.06	13.06	13.52	13.96	12.90	13.80
Bagasse	6.41	6.81	6.35	6.35	5.90	6.09	6.22	6.66
Agriwaste	6.80	7.22	5.71	6.71	7.60	7.85	6.34	6.78
Alcohol Oil	-	-	-	-	0.01	-	0.03	0.03
Coconut Oil	-	-	-	-	-	-	0.30	0.32
Biogas	-	-	-	-	-	0.02	0.01	0.01
Producer Gas	-	-	-	-	0.01	-	-	-
Solar Water Heater	-	-	-	-	-	-	-	-
Windmill	-	-	-	-	-	-	-	-
Coconut Shell	-	-	-	-	-	-	-	-
Rice husk	-	-	-	-	-	-	-	-
Wood & Wood Waste	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
IMPORTED ENERGY	75.34	80.04	70.50	70.50	69.45	71.69	67.16	71.86
Oil	75.34	80.04	70.50	70.50	69.45	71.69	67.16	71.86
Coal	-	-	-	-	-	-	-	-
TOTAL ENERGY	94.13	100.00	97.42	97.42	96.88	100.00	93.46	100.00
Growth Rate, %		4.9		3.5		(0.6)		(3.5)

\*Less than 0.01 MBFOE

Source: Department of Energy.

BY SOURCE, 1978-1986  
 MBFOE)

1982		1983		1984		1985		1986	
Vol.	%								
30.21	31.61	34.02	34.55	39.34	42.02	40.59	44.08	41.71	44.05
16.96	17.75	19.43	19.73	24.46	26.13	24.39	26.49	24.18	25.53
2.95	3.09	4.65	4.72	3.54	3.78	2.41	2.62	2.85	3.01
1.11	1.16	2.63	2.67	4.06	4.34	3.84	4.17	2.94	3.10
6.65	6.96	5.12	5.20	9.05	9.67	9.61	10.43	10.47	11.06
6.25	6.54	7.03	7.76	7.81	8.34	8.53	9.27	7.92	8.36
13.25	13.86	14.57	14.82	14.88	15.89	16.20	17.59	17.53	18.52
7.35	7.69	5.47	5.56	6.57	7.02	4.36	4.74	4.09	4.32
5.82	6.09	9.05	9.16	8.23	8.79	-	-	-	-
0.03	0.03	0.02	0.02	0.02	0.02	-	-	-	-
0.03	0.03	*	-	*	*	-	-	-	-
0.02	0.02	0.03	0.03	0.03	0.03	-	-	-	-
-	-	*	-	0.03	0.03	-	-	-	-
-	-	*	-	*	*	-	-	-	-
-	-	*	-	*	*	-	-	-	-
-	-	-	-	-	-	5.34	5.81	6.92	7.31
-	-	-	-	-	-	0.80	0.87	0.90	0.95
-	-	-	-	-	-	5.30	5.95	5.19	5.48
-	-	-	-	-	-	0.40	0.22	0.43	0.46
65.37	68.39	66.45	65.45	54.28	57.98	51.49	55.92	52.99	55.95
65.37	68.39	63.54	64.53	52.67	56.26	47.28	51.35	49.78	52.57
-	-	0.91	0.92	1.61	1.72	4.21	4.57	3.21	3.39
95.58	100.00	98.47	100.00	93.62	100.00	92.08	100.00	94.70	100.00
	2.3		3.0		4.9		(1.6)		2.8

Table 14.6 - PETROLEUM PRODUCTS  
(In thousand)

Product	1974	1975	1976	1977	1978
Total Petroleum Consumption	66,487	72,125	73,900	80,124	82,981
Add:	=====	=====	=====	=====	=====
Refinery Fuel & Loss	3,759	3,533	3,314	3,639	3,608
Total Products	62,728	68,592	70,586	76,485	79,373
Avgas	172	185	176	151	140
Avturbo	1,992	2,165	2,145	2,320	2,597
Premium gasoline	4,177	5,124	5,530	6,102	6,832
Regular gasoline	10,436	10,132	9,268	8,791	8,395
Diesel	12,216	13,227	14,027	14,836	15,582
Fuel Oil	26,987	29,829	31,418	35,784	36,838
Kerosene	2,878	3,154	3,236	3,393	3,683
LPG	1,839	2,086	2,177	2,407	2,593
Propylene	-	-	-	-	-
Asphalts	295	425	458	377	397
Refinery process gas	240	262	204	183	211
Solvents	221	244	237	214	230
Naptha	282	748	676	866	709
Lubes	907	912	900	905	999
Greses	31	30	29	28	30
Waxes and petrolatum <sup>1</sup>	55	69	105	128	137

<sup>1</sup>Non-energy products.

Source: Board of Energy Utilization.

CONSUMPTION, 1974 TO 1986  
 barrels)

	1979	1980	1981	1982	1983	1984	1985	1986
	85,540	79,959	75,221	74,846	74,820	61,618	55,623	58,007
,	=====	=====	=====	=====	=====	=====	=====	=====
	3,569	3,283	2,847	2,993	2,853	2,342	2,098	2,139
	81,971	76,676	72,374	71,853	71,967	59,276	53,525	55,868
	112	62	59	59	51	41	36	35
	2,668	2,605	2,588	3,436	2,658	2,795	2,613	2,716
	6,652	5,866	5,700	5,941	6,206	5,955	5,879	6,334
	7,805	5,299	3,942	3,270	2,971	2,720	2,575	2,806
	16,952	17,428	17,787	18,568	18,879	17,148	15,694	16,223
	38,659	37,129	34,385	32,971	33,690	24,521	20,574	21,511
	3,463	3,179	2,860	2,803	2,569	2,269	2,072	2,273
	2,734	2,411	2,437	2,524	2,533	2,194	2,052	2,464
	10	3	1	-	-	-	-	-
	418	343	359	462	538	355	283	295
	236	233	210	105	185	146	370	-
	371	311	312	297	270	133	160	200
	792	813	805	476	349	202	503	264
	1,064	965	903	914	1,038	776	697	731
	33	28	24	25	29	21	17	16
	2	1	2	2	1	-	-	-

Table 14.7 - NATIONAL POWER CORPORATION ANNUAL GROSS  
ENERGY SALES BY GEOGRAPHICAL LOCATION,<sup>1</sup> 1977 TO 1986  
(In GigaWatt hours)

Year	Luzon <sup>2</sup>	Visayas	Mindanao	Total
1977	9,812	51	868	10,731
1978	10,749	214	1,017	11,980
1979	11,645	224	1,113	12,982
1980	12,164	292	1,577	14,033
1981	12,690	456	1,772	14,918
1982	13,125	700	2,175	16,000
1983	13,908	933	2,248	17,089
1984	13,245	1,020	2,741	17,006
1985	13,135	1,173	2,832	17,140
1986	13,461	1,261	2,923	17,645

<sup>1</sup>Includes energy sales from plants under test-run.

<sup>2</sup>Includes power sales to MERALCO.

Source: National Power Corporation.

Table 14.8 - DULY ORGANIZED WATER DISTRICTS FILED AND ISSUED  
CONDITIONAL CERTIFICATE OR CONFORMANCE PER REGION  
1975 to 1986

Region	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Philippines	8	12	18	21	37	36	36	51	22	0	2	17
Region 1	2	2	2	3	7	5	5	3	1	0	1	1
Region 2	-	-	-	2	2	-	-	8	1	0	0	0
Region 3	2	2	6	5	1	7	3	7	3	0	0	6
Region 4	2	2	3	3	9	8	6	2	2	0	0	1
Region 5	1	2	-	1	7	6	6	2	0	0	0	1
Region 6	-	1	2	2	5	3	2	5	6	-0	0	7
Region 7	-	-	1	1	2	2	2	3	2	0	0	0
Region 8	1	-	1	-	1	3	1	6	2	0	0	0
Region 9	-	-	-	1	-	-	1	4	1	0	1	1
Region 10	-	1	1	1	3	1	1	3	3	0	0	0
Region 11	-	1	1	2	-	1	7	5	0	0	0	0
Region 12	-	1	1	-	-	-	2	3	1	0	0	0

Note: Formation of water districts temporarily deferred due to financial constraints

Source: Local Water Utilities Administration.

Table 14.9 - IRRIGATED AND BENEFITED AREAS  
SYSTEMS: FY 1966-67  
(In)

Year	Total Area		Wet season crop		Dry season crop	
	Irrigated	Benefited	Irrigated	Benefited	Irrigated	Benefited
FY 1966-67	366,778	346,595	267,524	252,485	99,254	94,110
1967-68	380,450	360,749	271,678	255,312	108,772	105,437
1968-69	401,591	370,832	292,246	269,537	109,345	101,295
1969-70	412,753	401,422	302,260	294,445	110,493	106,977
1970-71	467,214	449,946	329,931	319,051	137,283	130,895
1971-72	440,090	419,215	296,246	279,435	143,844	139,780
1972-73	435,677	420,491	298,817	287,713	136,860	132,778
1973-74	501,870	490,087	337,801	330,546	164,069	159,541
1974-75	519,116	509,240	340,871	332,538	178,245	176,702
CY 1976	607,050	773,094	366,173	537,081	230,064	225,263
1977	586,522	567,960	375,239	361,650	204,010	199,037
1978	639,858	619,784	361,300	345,462	268,332	264,115
1979	652,544	637,269	365,446	354,105	275,832	271,900
1980	663,462	642,549	369,822	353,790	281,904	277,023
1981	666,420	642,243	367,934	355,983	293,085	280,884
1982	707,694	680,734	387,646	367,116	316,740	310,336
1983	650,969	622,352	357,445	342,230	287,808	274,412
1984	666,004	655,936	375,162	388,267	282,812	259,945
1985	777,714	626,113	428,292	398,978	343,359	221,124

Source: National Irrigation Administration.

IN NATIONAL IRRIGATION  
TO CY 1985  
hectares)

Irrigated	3rd Crop Benefited	Annual crop Benefited	No. of Irrigated land	Service area
-	-	-	-	304,093
-	-	-	-	325,193
-	-	-	-	363,293
-	-	-	-	401,943
-	-	-	428,843	407,243
-	-	-	432,180	321,668
-	-	-	418,140	307,364
-	-	-	442,060	368,932
-	-	-	474,774	399,715
1,552	1,489	9,261	9,261	246,497 458,207
933	933	6,340	6,340	287,678 459,324
3,477	3,458	6,749	6,749	284,110 466,102
3,449	3,447	7,817	7,817	289,859 477,239
6,964	6,964	4,772	4,772	287,538 472,008
1,415	1,390	3,986	3,986	303,560 492,336
489	463	2,819	2,819	320,943 508,758
672	666	5,044	5,044	315,291 549,926
3,519	3,213	4,511	4,511	301,709 578,329
2,667	2,615	3,396	3,396	348,381 567,323

## CHAPTER 15

### PUBLIC FINANCE

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# CHAPTER 15

## PUBLIC FINANCE

This chapter presents statistics on public finance as it concerns three principal areas of fiscal policy, namely: revenue, expenditure, and public debt. The Central Bank of the Philippines (CBP), 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 include:

- (1) Receipts of the Bureau of Internal Revenue from specific taxes, license and business taxes, franchise taxes, income taxes, residence taxes, sales taxes, documentary stamp taxes, war profit taxes, inheritance and gift taxes, and revenues from public forests, compensating taxes, and other sources of income;
- (2) Receipts of the Bureau of Customs from import duties, tonnage dues, wharfage fees, and other sources of income;
- (3) Revenues and expenditures of the General Fund including statements of revenues of government departments and agencies accruing to the General Fund and their disbursements based on financial reports submitted to the DBM;
- (4) Revenues of the national government from all sources and expenditures by functional and economic classifications based on financial reports/trial balances submitted to the DBM and COA;
- (5) Revenues of the local government from all sources of income and expenditures for personal services, maintenance and other operating expenses and capital outlay based on financial reports/trial balances submitted to the COA;
- (6) Public debt classified by level of government, by origin (internal or external), and by period of maturity (short-term, medium-term and long-term). The principal sources of these data are the trial balances, books of accounts and reports of the Bureau of Treasury, COA, and CBP; and
- (7) Cash releases on the various infrastructure programs of the government from domestic and foreign sources and investments by sector as compiled by the Project Monitoring Staff of the National Economic and Development Authority.

Table 15.1 NATIONAL GOVERNMENT CASH BUDGET: 1980 to 1986  
 CASH BASIS  
 (In million pesos)

Item	1980	1981	1982	1983	1984	1985	1986
Revenues	34,731	35,933	38,205	45,632	56,861	68,961	79,128
Tax	30,533	31,423	33,779	39,524	50,005	61,190	65,273
Non-tax	4,198	4,510	4,426	6,108	6,856	7,771	13,855
Expenditures	38,118	48,079	52,610	53,063	66,689	80,148	107,227
Current operating	24,516	26,390	31,746	34,522	42,873	55,275	67,479
Capital outlays	12,927	20,760	18,646	16,148	19,630	23,195	14,552
Net lending	675	929	2,218	2,393	4,186	1,678	25,196
Deficit	(3,387)	(12,146)	(14,405)	(7,431)	(9,828)	(11,187)	(28,099)
Financing	4,530	15,508	13,124	10,069	18,272	12,958	34,192
External (net)	2,404	5,992	4,597	5,437	2,004	(340)	1,954
Domestic (net)	2,126	9,516	8,527	4,632	16,268	13,298	32,238
Change in cash	1,143	3,362	(1,281)	2,638	8,444	1,771	6,093

Source: Department of Budget and Management.

Table 15.2 - NATIONAL GOVERNMENT REVENUES, BY TYPE: 1978 to 1986  
 (In million pesos)

Item	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total Revenues	24,089	30,266	34,688	35,612	39,663	46,451	57,476	67,678	78,155
1. Tax revenue	21,319	27,239	31,184	31,960	35,088	39,101	50,968	60,375	65,323
a. Taxes on net income and profits	3,422	5,621	7,429	7,646	8,484	8,896	13,171	17,906	19,262
b. Taxes on property	1,696	622	559	306	361	102	109	67	83
Real property taxes	60	73	50	139	139	98	-	-	-
Transfers taxes	1,636	549	509	167	222	4	109	67	83
c. Taxes on goods and services	7,317	9,657	10,918	11,117	13,532	11,263	16,971	21,119	25,465
General sales, turnover or value added taxes	2,435	3,293	3,422	3,506	4,758	1,942	2,995	3,018	3,908
Selective exercise on goods	4,469	5,829	6,266	6,000	7,757	6,347	10,395	13,482	16,093
Selective taxes on services	78	150	686	482	535	2,201	2,384	3,566	4,598
Taxes on use of goods or permissions to perform activities and others	335	385	544	440	482	773	1,197	1,053	866
d. Taxes on international trade and transactions	8,608	10,870	11,689	11,129	11,922	16,079	17,059	16,770	17,411
Import duties & taxes	8,078	10,078	1,027	10,866	11,613	12,108	11,772	15,577	16,399
Export taxes	427	678	473	254	300	263	1,737	997	637
Others	103	114	189	9	9	3,708	3,550	196	375
e. Other taxes	276	469	589	1,762	789	2,761	3,768	4,513	3,102
Stamps taxes	270	463	500	586	646	781	-	-	-
Residence tax	4	5	6	17	10	12	-	-	-
Others	1	1	83	1,159	133	1,968	-	-	-
f. New tax proposals	0	0	-	-	-	-	-	-	-
2. Non-tax revenue	2,770	3,027	3,504	3,652	4,575	7,350	6,506	7,303	12,832
a. Non-tax revenue proper	2,530	2,792	3,137	3,340	3,975	4,570	-	-	-
b. Capital revenue	125	4	2	3	3	3	-	-	-
c. Grants	115	22	21	43	104	252	-	-	-
d. Repayment of advances/ Extraordinary income	-	209	344	266	493	574	-	-	-
e. New non-tax proposals	-	-	-	-	-	1,951	-	-	-

Source: Bureau of the Treasury.

Figure 15.1  
NATIONAL GOVERNMENT REVENUES: 1976 to 1986

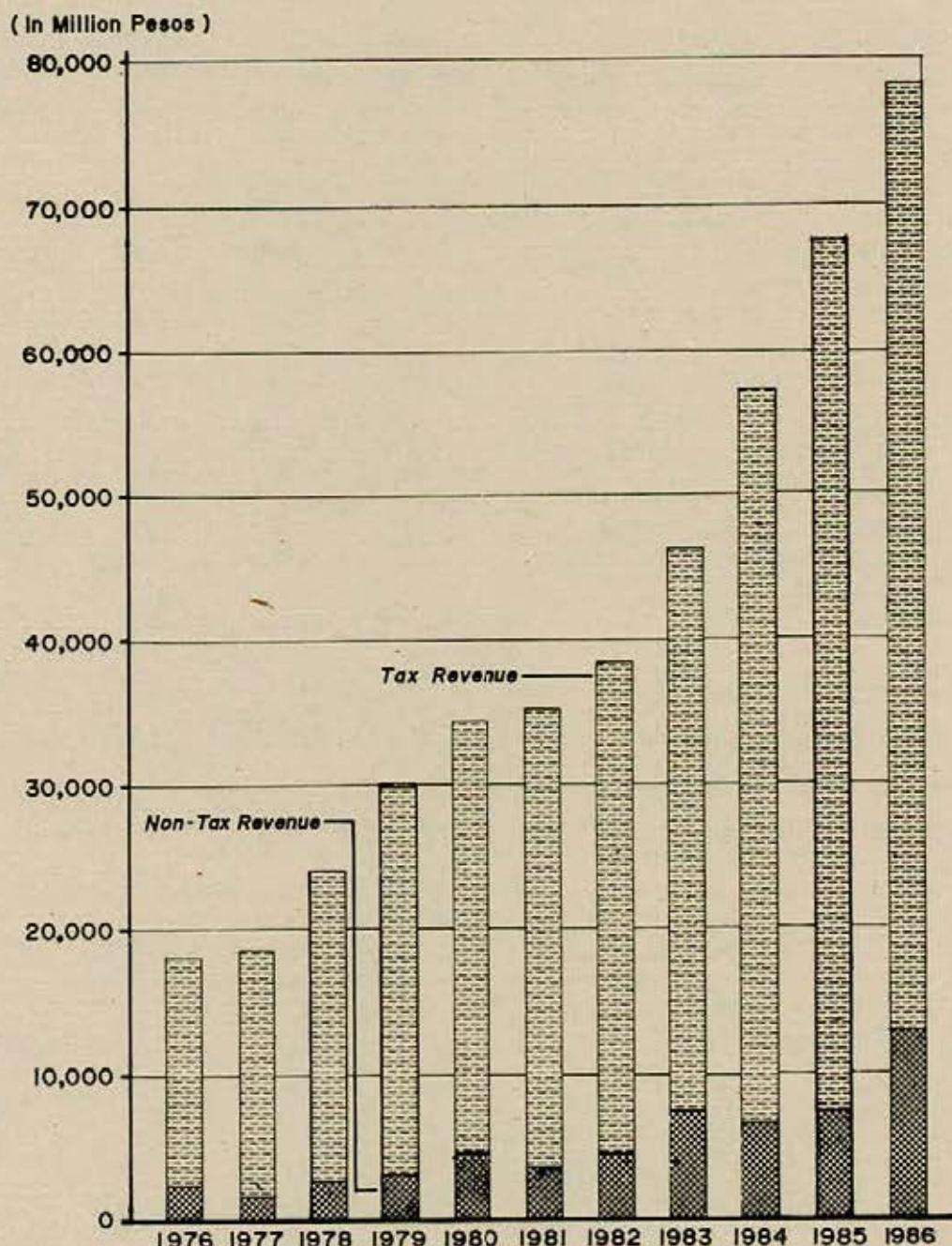


Table 15.3 - NATIONAL GOVERNMENT EXPENDITURE PROGRAM  
(In million)

PARTICULARS	1977	1978	1979	1980
Total expenditures	22,253	27,808	33,227	37,404
Economic services	7,975	11,272	13,176	14,523
Agriculture	1,724	2,753	1,466	2,289
Industry, trade, labor and tourism	618	960	987	1,305
Utilities and infrastructure	5,633	7,559	10,723	10,929
Social services	4,269	5,350	6,619	7,807
Education	2,740	3,582	3,995	4,762
Health	957	962	1,248	1,390
Social security and welfare	411	526	574	721
Housing and community development	161	280	802	934
Defense	4,554	4,542	4,887	4,975
General public service	3,621	4,611	5,714	6,516
Debt service fund	1,834	2,033	2,831	3,583

- Notes: 1. Bureau of the Treasury's figures for debt service were adopted.  
 2. Sectoral allocation of DPWH-Omin was based on the 1985 infrastructure distribution per 1986 BRE.  
 3. Transfers to government corporations and local government units are actual obligations.

Source: Department of Budget and Management.

BY SECTOR, OBLIGATION BASIS: 1977 to 1986  
 pesos)

1981	1982	1983	1984	1985	1986
48,154	48,924	53,418	59,024	74,958	91,372
=====	=====	=====	=====	=====	=====
18,773	16,981	15,700	13,748	18,585	18,053
3,241	3,889	3,534	3,395	4,045	4,414
2,759	2,275	1,905	1,370	1,585	1,223
12,773	10,817	10,261	8,983	12,955	12,416
10,736	11,160	12,037	12,916	15,398	22,030
5,806	6,413	6,263	7,830	10,268	10,856
1,734	2,136	2,485	2,308	2,802	3,651
1,907	1,238	1,418	1,384	1,582	6,143
1,289	1,373	1,871	1,394	746	1,380
5,447	5,951	6,526	6,341	8,143	8,006
9,301	9,940	10,707	11,022	14,081	15,349
3,897	4,892	8,448	14,997	18,751	27,934

Table 15.4 - NATIONAL GOVERNMENT EXPENDITURES<sup>1</sup>  
(In thousand)

Type of expenditure	1970	1975	1976	1977
National Government expenditures	4,053.5	19,049.0	22,418.1	22,596.3
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, and other benefits)	1,895.2	4,486.0	8,043.8	8,280.3
2. Maintenance & other operating expenses	681.2	4,219.0	6,333.7	6,956.2
a. Travelling expenses	59.9	...	476.4	608.7
b. Communication services	2.8	...	33.9	31.1
c. Repairs & maintenance of government facilities	107.6	...	684.2	867.6
d. Transportation services	2.8	...	37.1	59.3
e. Other services	293.0	...	2,630.7	2,631.9
f. Supplies and materials	206.3	...	2,421.7	2,685.2
g. Rent expense	8.8	...	49.7	70.2
h. Loss/depreciation	-	...	-	*
i. Auditing service	-	...	-	*
j. Maintenance of motor vehicles used for official travel of officials & employees	-	...	-	2.2
k. Water illumination & power service	-	...	-	-
l. Discretionary expenses, representation and emergency expenses	-	...	-	-
m. Furniture & equipment	-	...	-	-
n. Taxes & licenses	-	...	-	-
o. Others	-	...	-	-
3. Debt Service	243.5	955.0	1,141.3	1,653.6
a. Interest payments	148.8	...	745.6	819.2
b. Loan repayment & sinking fund contribution	94.7	...	395.7	834.4
4. Transfer payments	457.1	2,025.0	1,638.5	975.0
a. Grants, subsidies & contributions	313.4	...	833.1	624.2
b. Awards and indemnities	2.7	...	193.8	64.0
c. SSS benefits & other claims (retirement benefits & gratuities)	141.0	...	611.6	286.8
5. Capital Outlay	776.5	7,364.0	5,260.8	4,731.2
a. Land & land improvement; building & structure outlay	637.3	...	4,844.8	3,945.5
b. Furniture & equipment outlay	50.7	...	265.4	655.1
c. Investment outlay	82.2	...	107.9	69.6
d. Loans outlay	6.3	...	42.7	61.0

Source: National Accounting Office, Department of Budget and Management.

BY OBJECT CLASSIFICATION: 1970 to 1985  
 pesos)

	1978	1979	1980	1981	1982	1983	1984	1985
27,573.8	32,884.4	36,935.4	49,195.9	54,040.8	56,148.0	92,106.0	92,511.0	
9,860.8	8,205.7	9,687.2	12,067.1	13,582.7	14,281.5	18,304.0	22,530.0	
7,129.1	6,853.7	6,955.0	7,457.0	9,067.1	10,136.3	11,318.0	12,665.0	
527.3	1,586.9	596.9	891.8	1,175.8	742.2	921.0	675.0	
37.5	-	66.9	66.3	80.1	95.4	118.0	161.0	
1,100.1	108.3	1,219.8	1,123.0	301.9	1,337.7	1,645.0	1,556.0	
165.4	1,065.8	127.4	130.5	149.6	169.9	179.0	242.0	
2,723.1	2,105.7	1,839.5	1,786.6	3,074.6	2,549.6	3,242.0	4,147.0	
2,094.2	130.2	2,116.9	2,285.4	2,759.9	3,329.0	3,044.0	3,637.0	
101.3	0.3	156.0	243.6	190.3	247.0	294.0	302.0	
-	1.8	0.1	0.0	-	40.4	-	-	
1.8	92.9	2.0	1.5	20.2	8.0	-	-	
1.2	44.3	584.1	584.8	604.6	787.4	807.0	866.0	
*	33.1	129.8	193.7	294.5	344.4	512.0	600.0	
0.6	884.1	101.2	147.1	385.0	448.4	428.0	323.0	
376.6	0.3	1.8	0.0	-	11.6	-	-	
-	-	12.5	2.3	20.6	19.4	-	-	
-	-	0.1	0.4	10.0	5.9	128.0	156.0	
2,236.6	2,956.8	3,990.8	6,328.3	8,740.8	11,249.0	38,360.0	22,264.0	
1,124.0	1,937.4	2,606.0	4,723.7	3,709.5	4,926.0	10,383.0	14,901.0	
1,112.6	1,019.4	1,384.8	1,604.6	5,031.3	6,323.0	27,977.0	7,363.0	
1,065.8	3,069.8	3,694.3	4,224.8	5,200.9	4,998.2	4,316.0	5,558.0	
629.2	2,555.4	3,284.5	3,767.7	4,908.1	4,624.1	3,989.0	5,207.0	
84.1	28.5	61.8	27.2	30.3	23.3	-	-	
352.5	485.9	348.0	429.9	262.5	350.8	327.0	351.0	
7,281.5	11,798.4	12,608.1	19,118.7	17,449.3	15,483.0	19,808.0	29,494.0	
4,073.9	7,069.2	6,312.9	7,393.4	7,484.8	7,377.0	5,358.0	8,184.0	
1,841.0	228.7	592.8	782.3	543.3	2,113.0	648.0	1,169.0	
843.4	3,977.9	5,411.5	10,861.8	7,639.0	5,788.4	9,889.0	14,403.0	
523.2	522.6	290.9	81.2	1,782.2	204.6	3,913.0	5,738.0	

Table 15.5 - LOCAL GOVERNMENT REVENUES<sup>1</sup> BY TYPE: 1965 to 1985  
 (Provinces, Chartered Cities and Municipalities)  
 (In million pesos)

Year	Total income	Revenue from taxation	Incidental revenue	Receipts from operations	Other receipts
1965	85.3	385.5	44.1	55.5	85.3
1966	129.8	400.9	46.6	63.9	129.8
1967	109.6	453.5	50.7	68.6	109.6
1968	126.7	496.4	53.8	73.5	126.7
1969	140.9	577.4	57.4	77.8	140.9
1970	168.3	692.3	63.9	81.1	168.3
1971	143.4	793.6	68.9	88.5	143.4
1972	218.1	995.3	75.3	95.0	218.1
1973	231.3	1,145.4	101.2	118.9	231.3
1974	332.6	1,262.0	121.3	129.6	332.6
1975	578.9	1,454.1	152.9	158.2	578.9
1976 <sup>2</sup>	415.9	1,164.3	120.8	111.8	415.9
1977	149.1	1,896.7	298.5	280.6	149.1
1978	100.2	1,681.2	70.5	413.5	100.2
1979	37.3	1,899.7	108.2	514.2	37.3
1980	279.9	3,280.6	374.7	638.2	279.9
1981	113.7	3,804.6	431.4	752.2	113.7
1982	79.4	4,501.2	469.3	879.2	79.4
1983	143.2	5,040.4	463.8	1,052.4	143.2
1984	159.7	5,454.0	529.9	1,204.9	159.7
1985	133.3	6,198.5	747.8	1,430.7	133.3

<sup>1</sup> Includes administration of Provincial City and Municipal Emergency hospitals up to 1975.

<sup>2</sup> Data for 1965 to 1975 are for fiscal years ending June 30 while figures for 1976 refer to calendar year 1976.

Source: Commission on Audit.

Table 15.6 - COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES  
 FOR LOCAL GOVERNMENT UNITS, ALL FUNDS: 1980 to 1985  
 (In million pesos)

Income/expenditure	1980	1981	1982	1983	1984	1985
<b>Income</b>						
Tax Revenue	3,280.6	3,804.6	4,501.2	5,040.4	5,454.0	6,198.5
Operating & miscellaneous revenues	638.2	752.2	879.2	1,052.4	1,204.9	1,430.7
Capital Revenue	6.7	7.2	9.8	11.9	5.1	15.3
Grants	368.0	424.2	459.5	451.9	524.9	747.8
Extraordinary income	7.3	9.6	11.7	16.1	10.7	38.8
Borrowings	272.6	104.1	67.7	127.1	148.9	79.2
Total Income	4,573.4	5,101.9	5,929.1	6,699.8	7,348.5	8,510.3
<b>Expenditures</b>						
Personal Services	1,664.9	2,001.4	2,358.0	2,600.0	3,100.6	3,732.3
Maintenance and other operating expenses	1,871.3	2,214.9	2,393.7	2,756.3	3,312.1	3,569.0
Capital outlay	953.8	875.4	961.1	1,188.6	1,203.6	1,206.6
Total Expenditures	4,490.0	5,091.7	5,712.8	6,544.9	7,616.3	8,507.9

Source: Commission on Audit.

Table 15.7 - CASH RELEASES ON INFRASTRUCTURE PROGRAM  
(In million)

Programs and projects	1976	1977	1978
Cash releases from domestic sources	5,733.8	5,637.0	9,045.6
Highways	2,347.9	1,695.3	2,300.6
Airports and air navigations	99.0	96.8	0.0
Railways	60.2	78.2	83.8
Port works and shore protection	127.4	48.3	79.4
Irrigation	452.1	641.1	775.6
Waterworks, wells and spring (BPW)	35.5	52.7	25.6
Water supply and sewerage (MWSS)	35.7	115.6	120.4
Waterworks (LWUA)	119.5	102.0	78.7
Flood control, drainage and forecasting	635.3	419.9	309.8
Power generation and transmission	577.8	1,020.1	1,112.5
Rural electrification	165.9	217.3	268.6
Telecommunication	32.1	46.5	27.9
School buildings	278.3	153.9	229.3
National building/hospital & sanitaria	104.0	255.4	229.4
Rural Health Units	9.0	72.0	43.2
Education Development Projects (EDPITAP)	47.1	64.7	87.1
Miscellaneous public works	93.0	126.4	121.5
Export Processing Zone (EPZA)	221.0	125.0	133.1
Preliminary engineering and studies	23.9	38.8	21.2
Miscellaneous projects (LLDA)	2.8	6.6	7.0
Tondo Foreshore Dev't (TFDA-NHA)	133.7	0.0	85.6
Public works contract price adjustments	99.1	121.2	0.0
Philippine-Australian Dev't Assistance Program (PADAP)	33.5	29.8	1.3
Farm System Dev't Corporation	0.0	30.0	7.0
PCARR	0.0	27.0	37.9
MUDP-NHA	0.0	52.4	0.0
Vertical structure	0.0	0.0	182.2
Postal communications	0.0	0.0	2,676.9
BPI Infra Component	0.0	0.0	0.0
MAR Infra Component	0.0	0.0	0.0
MLGCD Infra Component	0.0	0.0	0.0
Lighthouse	0.0	0.0	0.0
Communal faucet	0.0	0.0	0.0
MMTEAM	0.0	0.0	0.0
MMINUTE	0.0	0.0	0.0
MPW Dagat-Dagatan Lagoon	-	-	-
Premiumed RCDP	-	-	-
MMTC terminal	-	-	-
Lightrail	-	-	-
BLT	-	-	-
Energy Development	-	-	-

<sup>1</sup> Includes projected releases for Energy Development Railways and Urban Transport.  
Source: Project Monitoring Staff, NEDA.

FROM DOMESTIC SOURCES: 1976 to 1986  
 pesos)

1979	1980	1981	1982	1983	1984	1985	1986
8,509.1	9,498.5	10,078.9	12,377.0	10,515.1	6,863.4	5,722.0	9,483.5 <sup>1</sup>
2,285.7	2,080.0	2,434.2	3,688.3	2,675.5	1,884.3	1,452.6	1,993.1
179.7	539.5	308.8	206.4	87.2	64.9	58.1	29.6
110.7	130.0	80.0	100.0	71.8	55.0	-	40.1
387.4	335.9	289.9	537.7	194.5	269.3	179.4	171.1
1,507.5	1,444.1	1,354.7	1,684.6	882.0	293.2	230.0	420.4
50.9	113.5	107.6	280.9	206.0	187.8	105.6	87.2
270.9	388.7	686.0	1,209.1	1,197.4	432.1	750.9	1,335.5
182.5	158.5	147.7	148.5	106.6	74.0	133.4	37.2
375.2	463.4	462.9	662.3	407.9	250.9	198.8	700.9
2,150.4	2,475.7	2,875.4	1,948.8	3,118.4	2,078.0	1,821.0	3,321.1
277.7	351.8	321.2	230.7	253.8	77.1	83.4	50.0
29.8	22.0	44.2	70.3	234.0	54.9	122.8	81.8
211.9	392.9	429.7	580.0	524.0	369.5	335.0	342.9
115.9	177.6	114.3	233.9	77.3	11.8	9.1	12.3
0.0	27.0	25.3	0.0	35.0	-	140.3	-
40.6	34.1	76.3	255.7	73.3	22.6	-	-
22.6	28.7	40.0	40.3	8.0	-	-	150.9
0.0	0.0	0.0	0.0	0.0	-	-	-
8.7	4.2	0.0	58.0	32.5	3.6	-	-
0.0	1.5	15.3	0.0	0.0	-	-	-
16.2	43.7	0.0	0.0	0.0	-	-	-
126.9	138.6	0.0	0.0	0.0	-	-	-
0.0	10.0	0.0	0.0	0.0	-	-	-
0.0	0.0	58.8	97.3	25.0	9.5	12.2	1.7
33.2	28.9	20.9	14.9	31.0	8.6	-	-
3.5	25.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	*	*	18.1
10.0	0.0	50.0	78.3	34.5	18.9	13.1	36.5
9.8	4.9	0.0	0.0	0.0	-	-	-
25.1	3.9	0.0	0.0	0.0	-	-	-
75.3	72.0	0.0	0.0	0.0	100.6	-	136.9
1.0	2.4	2.0	3.0	0.0	-	-	-
0.0	0.0	72.0	54.1	16.5	14.5	-	1.0
0.0	0.0	22.1	23.7	27.6	23.0	-	-
0.0	0.0	24.6	54.3	29.3	14.4	12.1	8.3
-	-	15.0	25.0	0.0	-	-	-
-	-	-	3.3	13.8	23.5	64.2	86.8
-	-	-	12.0	14.3	-	-	170.1
-	-	-	71.1	128.1	519.5	-	-
-	-	-	4.5	9.8	1.9	-	-
-	-	-	-	-	-	-	250.0

Table 15.8 - CASH RELEASES ON INFRASTRUCTURE PROGRAM  
(In million)

Programs and projects	1976	1977	1978
Cash releases from foreign sources	223.3	532.1	520.1
Highways	22.4	85.2	26.5
Airports and air navigations	0.5	3.0	0.0
Railways	-	-	-
Port works and shore protection	1.9	5.4	6.8
Irrigation	8.6	38.8	125.0
Watwerworks, wells and spring (BPW)	0.0	0.0	0.0
Waterworks (LWUA)	4.4	5.4	11.5
Water Supply & Sewerage (MWSS)	1.8	16.2	16.8
Flood control and drainage	9.4	10.4	0.0
Power generation and transmission	136.9	315.6	252.6
Rural electrification	30.7	31.1	14.7
Telecommunication	0.0	0.0	0.0
School buildings	0.0	0.0	0.0
National buildings and hospitals	0.0	0.0	0.0
Rural Health Units	0.9	0.0	0.0
Education Development Projects(EDPITAF)	0.0	0.0	2.3
Miscellaneous public works	0.0	0.0	0.0
Export Processing Zone (EPZA)	0.1	10.0	0.0
Preliminary engineering and studies	0.0	0.0	0.0
Miscellaneous projects (LLDA)	0.0	0.0	0.0
Tondo Foreshore Dev't (TFDA-NHA)	0.0	0.0	5.2
Warehousing project	0.0	0.0	0.0
Public works contract price adjustments	0.0	0.0	0.0
Phil-Australian Dev't Assistance Program (PADAP)	5.7	5.3	0.0
Farm System Dev't Corporation	0.0	0.7	0.0
PW contract adjustment	0.0	0.0	7.1
MUDP-NHA	0.0	5.0	51.6
BPI-Infra Component	0.0	0.0	0.0
Mar-Infra Component	0.0	0.0	0.0
Flood forecasting (PAGASA)	0.0	0.0	0.0
MMetrofinds	0.0	0.0	0.0
MMinute	0.0	0.0	0.0
Manteam	0.0	0.0	0.0
Premiumed RCDP	0.0	0.0	0.0
Lightrail	-	-	-
Energy Development	-	-	-

Source: Project Monitoring Staff, NEDA.

FROM FOREIGN SOURCES: 1976 to 1986  
 pesos)

1979	1980	1981	1982	1983	1984	1985	1986
577.6	795.7	964.7	991.4	1,178.6	524.5	354.0	149.9
=====	=====	=====	=====	=====	=====	=====	=====
17.6	35.2	64.9	72.0	112.5	31.2	19.2	15.2
7.4	3.4	26.5	0.0	0.0	-	-	-
-	-	6.5	-	-	-	-	-
4.5	4.7	38.1	4.7	34.1	0.1	19.8	12.4
82.1	45.2	50.9	48.0	106.0	73.2	-	18.1
1.0	68.4	95.2	14.0	108.7	0.2	0.9	0.2
0.0	0.0	20.2	29.0	19.0	-	-	-
0.0	68.4	81.7	126.8	-	18.0	-	12.9
6.5	1.3	5.8	6.0	6.0	-	0.6	0.8
406.4	519.1	488.7	603.0	712.5	399.3	307.0	90.3
19.4	40.2	73.4	68.0	59.2	-	-	-
0.9	0.0	0.0	0.3	5.8	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.1	0.0	3.6	0.0	-	-	-
0.0	0.0	0.0	0.0	0.1	-	-	-
10.8	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
13.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.4	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.0	0.0	0.0	6.2	-	-	-
0.0	0.0	5.5	2.0	0.0	2.4	-	-
0.0	0.0	0.0	0.0	0.0	-	-	-
0.0	0.1	0.0	0.0	0.0	-	-	-
4.1	5.4	0.0	0.0	0.0	-	-	-
3.5	2.3	0.0	0.0	0.0	-	-	-
0.0	1.3	0.0	0.0	0.0	-	-	-
0.0	0.1	0.0	0.0	0.0	-	-	-
0.0	0.5	5.0	1.0	5.6	-	0.3	-
0.0	0.0	2.3	1.0	2.5	0.1	-	-
0.0	0.0	0.0	0.0	0.4	-	-	-
-	0.0	0.0	12.0	0.0	-	6.2	-
-	-	-	-	-	-	-	-

Table 15.9 - INFRASTRUCTURE INVESTMENTS BY SUBSECTOR,  
(Foreign Assistance in million US dollars;

Subsector	1977		1978	
	CDC issued	Disburse- ment	CDC issued	Disburse- ment
Total	P 5,636.776	4,651.824	6,457.611	4,557.763
	US \$ 542.272	448.662	479.577	370.243
Transportation/ Communication	P 1,964.883	1,624.473	2,676.874	1,458.633
	US \$ 103.790	89.148	51.534	37.802
Water resources	P 1,361.193	1,211.651	1,310.115	1,017.769
	US \$ 71.495	26.782	153.287	60.032
Power and electrification	P 1,237.428	1,237.428	1,381.099	1,383.949
	US \$ 346.707	325.804	267.309	267.309
Social infrastructure	P 573.132	283.057	623.673	367.820
	US \$ -	-	2.265	2.265
Others and special Projects	P 500.140	295.215	465.850	329.592
	US \$ 20.280	6.928	5.182	2.835

Note: CDC issued means Cash Disbursement Ceiling Issued.

Source: Project Monitoring Staff, NEDA.

BY SOURCE OF ASSISTANCE: 1977 to 1986  
 local counterpart in million pesos)

1979		1980		1981	
CDC issued	Disburse- ment	CDC issued	Disburse- ment	CDC issued	Disburse- ment
7,913.538	6,205.606	37,428.598	7,414.788	10,078.858	8,108.059
1,183.186	794.822	758.473	580.416	883.094	729.758
2,669.669	1,874.611	29,023.722	1,971.107	3,209.035	2,426.682
101.876	36.964	71.994	37.508	136.051	76.858
2,116.084	1,514.116	2,564.399	1,962.985	2,889.791	2,302.559
129.916	100.475	117.346	72.411	177.614	110.311
2,428.110	2,392.341	4,827.439	2,827.439	3,196.607	2,802.847
425.813	441.341	559.292	467.338	562.108	538.519
411.560	206.355	660.442	483.499	666.541	471.427
504.508	214.430	0.112	...	...	...
288.115	218.183	352.596	169.758	116.884	104.544
21.073	1.612	9.729	3.159	7.321	4.070

Table 15.9 - INFRASTRUCTURE INVESTMENTS BY SUBSECTOR  
 (Foreign Assistance in million US dollars;

Subsector	1982		1983	
	CDC issued	Disburse- ment	CDC issued	Disburse- ment
Total	P 12,377.085	8,822.854	10,515.117	7,744.742
	US \$ 1,070.830	717.335	1,190.614	993.738
Transportation/ Communication	P 4,770.030	3,733.810	3,439.774	2,334.692
	US \$ 117.637	86.862	164.355	91.296
Water resources	P 4,136.786	2,854.168	2,841.459	1,462.949
	US \$ 277.717	96.401	245.557	125.259
Power and electrification	P 2,179.573	2,179.573	3,372.214	3,372.214
	US \$ 670.284	532.840	771.710	771.710
Social infrastructure	P 1,088.999	...	750.575	498.968
	US \$ 3.245	...	0.060	...
Others and special Projects	P 201.697	55.303	111.095	75.919
	US \$ 1.947	1.232	8.932	5.473

BY SOURCE OF ASSISTANCE: 1977 to 1986  
 local counterpart in million pesos) (continued)

1984		1985		1986	
CDC issued	Disburse- ment	CDC issued	Disburse- ment	CDC issued	Disburse- ment
6,863.337	6,081.747	5,812.362	5,215.509	9,024.617	8,264.180
629.113	602.438	462.038	414.877	149.964	136.973
2,867.295	2,315.017	1,825.962	1,480.732	2,467.133	2,248.146
68.632	64.301	60.977	20.869	27.623	27.623
1,261.941	1,100.463	1,430.976	1,259.900	2,585.049	2,233.374
135.152	112.808	77.101	70.198	32.013	19.022
2,155.144	2,155.144	1,994.698	1,994.698	3,371.096	3,371.096
425.107	425.107	323.133	323.133	90.328	90.328
414.609	354.574	484.436	425.582	601.339	411.564
-	-	-	-	-	-
164.348	156.549	76.290	54.597	-	-
0.222	0.222	0.827	0.677	-	-

Table 15.10 - INTERNAL DEBT OUTSTANDING CLASSIFIED BY  
LEVEL OF GOVERNMENT: 1950 to 1986

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	280.0	3,331.1	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	49,338.8	28,657.0	335.9	6,656.4	13,689.5
1982	57,552.6	35,343.8	420.9	9,855.5	11,932.4
1983	62,789.8	43,469.9	427.3	12,157.1	6,735.5
1984	86,076.7	59,665.6	174.0	13,206.0	13,031.1
1985	117,667.5	77,353.2	182.4	14,003.8	26,128.1
1986					
1st qtr	138,203.7	80,014.7	182.4	13,918.4	44,088.2
2nd qtr	146,475.6	93,596.7	178.6	13,642.6	39,057.7
3rd qtr	149,029.2	97,714.4	178.6	13,453.6	37,682.6
4th qtr	144,754.0	105,295.0	178.6	14,881.1	24,399.3

Source: Central Bank of the Philippines.

Figure 15.2  
NATIONAL GOVERNMENT EXPENDITURE PROGRAM  
BY SECTOR: 1977 to 1986

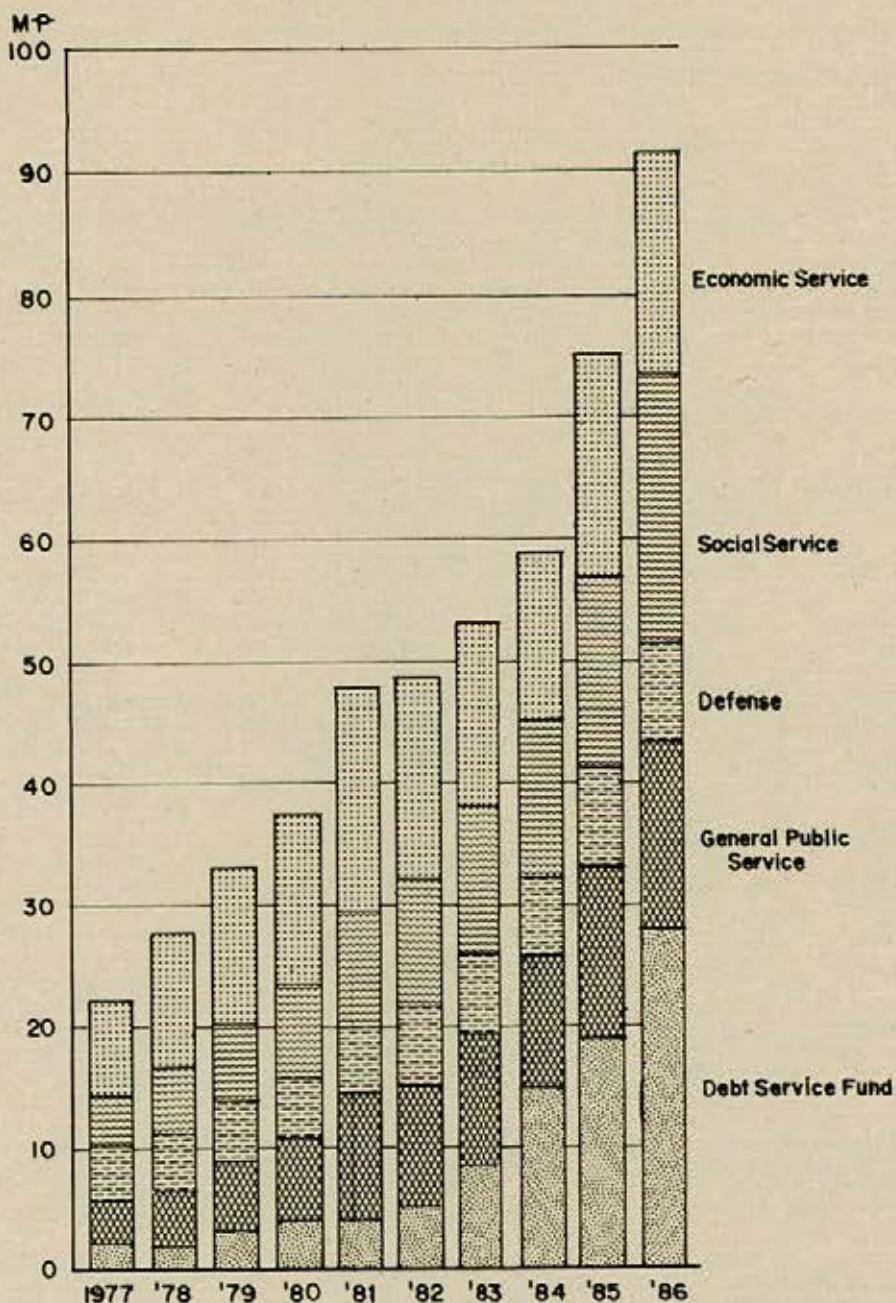


Table 15.11 - PUBLIC EXTERNAL DEBT OUTSTANDING  
(In million)

Source	1975	1976	1977	1978
Total	2,233.7	3,323.4	3,886.6	5,280.6
U.S. government and U.S. Aid	172.0	202.3	232.3	251.4
U.S. Eximbank	70.3	97.4	130.3	223.9
IBRD <sup>2</sup>	236.1	304.7	384.0	504.9
IMF <sup>3</sup>	469.6	612.6	709.5	914.9
IDA <sup>4</sup>	22.6	27.1	31.5	32.3
ADB <sup>5</sup>	91.2	129.0	156.0	109.3
Commercial Banks	806.3	1,139.5	1,005.6	1,348.2
U.S. commercial banks	339.2	675.2	691.2	818.0
European banks	180.5	170.5	188.2	246.9
Japanese banks	95.8	61.2	63.4	177.2
Other banks	190.8	232.6	62.8	106.1
Other international financial & development institutions	3.8	3.8	7.2	7.5
Private suppliers' credits	107.3	148.1	330.0	492.7
U.S.A.	49.8	49.6	97.6	84.1
Japan	13.2	38.8	57.9	174.2
West Germany	7.3	6.0	8.4	14.5
France	0.2	0.0	0.0	0.0
Australia	0.0	0.0	0.0	0.0
Belgium	2.1	2.1	2.1	2.1
Italy	3.9	3.1	2.2	1.5
Great Britain	7.5	6.4	20.8	27.7
Hong Kong	14.8	34.8	33.9	29.7
Holland	0.0	0.0	0.0	0.0
Canada	8.5	4.5	2.1	2.1
Others	0.0	2.8	105.0	156.8
Governments	254.5	658.9	900.2	467.8
Republic of China	16.0	9.3	5.2	3.3
Thailand	23.6	19.9	17.4	10.7
Belgium	1.5	4.5	6.0	5.9
Japan	178.5	226.9	258.2	437.2
Denmark	7.9	8.5	9.9	9.6
Spain	2.2	1.7	1.5	1.1
Great Britain	0.0	0.0	0.0	0.0
Others (Foreign)	24.8	388.1	602.0	0.0
Others	0.0	0.0	0.0	927.7

<sup>1</sup>Includes other institutional sources of credit.

<sup>2</sup>International Bank for Reconstruction and Development.

<sup>3</sup>International Monetary Fund.

<sup>4</sup>International Development Association.

<sup>5</sup>Asian Development Bank.

Source: Central Bank of the Philippines.

CLASSIFIED BY INSTITUTIONAL SOURCE<sup>1</sup>: 1975 TO 1985  
 U.S. dollars)

1979	1980	1981	1982	1983	1984	1985
6,527.7	8,521.5	11,304.2	13,887.0	14,482.3	16,214.1	15,314.5
=====	=====	=====	=====	=====	=====	=====
320.1	324.3	384.5	343.8	398.8	378.0	510.7
282.3	358.9	346.2	319.2	339.6	352.1	371.3
647.4	841.7	1,208.0	1,532.6	2,039.9	2,218.6	2,446.4
1,087.6	1,484.8	2,012.0	1,956.9	1,775.3	1,413.2	1,270.0
33.9	34.9	40.5	51.3	51.9	74.4	65.0
244.1	303.0	438.1	538.8	684.6	851.2	942.6
1,892.5	2,841.7	4,010.3	6,886.1	6,601.6	7,645.2	6,775.0
1,179.0	1,978.8	2,871.9	4,309.9	2,404.4	0.0	0.0
267.9	257.6	367.1	916.9	1,631.5	0.0	0.0
365.3	355.3	547.0	806.4	1,437.2	257.5	263.2
80.3	250.0	224.3	852.9	1,128.5	7,387.7	6,511.8
9.4	11.1	11.7	27.8	234.7	62.9	56.7
586.7	559.1	533.5	314.5	371.0	612.7	551.7
78.1	75.3	11.0	8.6	8.5	7.2	6.3
223.5	222.8	251.0	217.3	271.6	427.4	366.1
29.2	19.9	7.7	5.5	0.9	0.3	1.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	2.1	0.0	0.0	0.0	0.0	0.0
0.4	0.0	0.0	0.0	0.0	0.0	0.0
45.7	7.2	17.3	2.5	4.5	10.6	8.6
45.9	42.7	26.8	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	1.8	4.4	3.2	0.0	0.0	0.0
160.0	187.3	215.3	77.4	85.5	167.2	169.2
416.2	521.6	718.4	835.5	920.1	1,008.7	1,093.6
3.3	3.3	0.0	0.0	24.8	0.0	0.0
5.6	7.8	2.1	0.5	11.6	0.0	0.0
7.5	6.4	6.7	22.6	22.6	21.1	22.3
378.2	480.2	684.0	745.5	807.9	897.6	979.5
11.7	12.8	12.6	18.3	28.1	47.1	47.0
0.7	0.0	0.1	0.0	11.0	11.0	16.5
9.2	11.1	12.9	23.8	14.1	8.0	8.1
0.0	0.0	0.0	24.8	0.0	23.9	20.2
1,007.5	1,240.4	1,601.0	1,080.5	1,064.8	1,597.1	1,231.5

Table 15.12 - TOTAL EXTERNAL DEBT  
AND PERIOD OF MATURITY:  
(In million

Item	1975	1976	1977	1978	1979 <sup>1</sup>
Total	3,402.5	5,099.2	6,562.7	8,195.3	9,733.3
Private sector	1,820.1	2,380.1	3,612.2	4,027.6	4,391.8
Public sector	1,582.4	2,719.1	2,950.5	4,167.7	5,341.5
Revolving credits	312.0	571.0	928.1	1,196.7	1,618.4
Private sector	283.4	423.8	677.6	926.9	1,129.6
Public sector	28.6	147.2	250.5	269.8	488.8
Fixed-term credits	3,090.5	4,528.2	5,634.6	6,998.6	8,114.9
Short term <sup>2</sup>	125.5	144.0	80.4	160.4	194.9
Private sector <sup>3</sup>	125.5	144.0	79.1	109.2	124.8
Public sector <sup>5</sup>	-	-	1.3	51.2	70.1
Medium-term <sup>4</sup>	398.0	456.5	480.8	395.3	441.8
Private sector <sup>3</sup>	164.2	161.4	190.5	165.5	102.0
Public sector <sup>5</sup>	233.8	295.1	290.3	229.8	339.8
Long-term <sup>5</sup>	2,567.0	3,927.7	5,073.4	6,442.9	7,478.2
Private sector <sup>3</sup>	1,247.0	1,650.9	2,665.0	2,826.0	3,035.4
Public sector <sup>5</sup>	1,320.0	2,276.8	2,408.4	3,616.9	4,442.8

<sup>1</sup>Includes IMF allocation of SDR 11.6 million (\$87.7 million).

<sup>2</sup>Repayment period up to one year (360-day credits).

<sup>3</sup>Includes loan contracted by the government sector relent to the private sector through financial institutions to finance agriculture, manufacturing and export-oriented projects.

<sup>4</sup>Repayment period of over one year up to five years.

<sup>5</sup>Repayment period of more than five years.

Source: Central Bank of the Philippines.

## OUTSTANDING BY SECTOR

1975 to 1985

(U.S. dollars)

	1980	1981	1982	1983	1984	1985
	12,186.7	14,924.4	17,002.2	19,102.1	19,909.6	19,803.3
	=====	=====	=====	=====	=====	=====
5,455.3	6,386.4	7,234.2	6,976.1	6,703.4	6,686.0	
6,731.4	8,538.0	9,768.0	12,126.0	13,206.2	13,117.3	
2,477.1	3,552.1	3,919.4	3,967.5	4,037.9	2,893.1	
1,540.7	1,826.7	1,823.6	2,041.1	2,099.9	1,977.6	
936.4	1,725.4	2,095.8	1,926.4	1,938.0	915.5	
9,709.6	11,372.3	13,082.8	15,134.6	15,871.7	16,910.2	
70.8	112.3	73.7	45.0	143.7	143.0	
60.4	76.3	73.7	3.9	3.9	2.9	
10.4	36.0	-	41.1	139.8	140.1	
728.3	868.1	855.6	1,117.6	1,256.7	1,418.4	
78.2	88.4	142.8	141.5	131.1	133.9	
650.1	779.7	712.8	976.1	1,125.6	1,284.5	
8,910.5	10,391.9	12,153.5	13,972.0	14,471.3	15,348.8	
3,776.0	4,395.0	5,194.1	4,789.6	4,468.5	4,571.6	
5,134.5	5,996.9	6,959.4	9,182.4	10,002.8	10,777.2	

Table 15.13 - INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF  
MATURITY: 1950 TO 1986  
(In million pesos)

End of Period	Total	Long Term	Medium Term	Short Term
1950	588.6	498.5	-	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	13,027.9	14,732.3	9,066.6
1980	41,181.6	13,533.5	16,683.5	10,964.6
1981	49,338.8	16,447.4	17,617.2	15,274.2
1982	57,552.6	20,082.3	19,724.3	17,746.0
1983	62,789.6	21,648.9	25,087.7	16,053.0
1984	86,076.7	21,086.5	24,153.6	40,836.6
1985	117,667.5	26,278.2	20,427.4	70,961.9
1986				
1st quarter	138,203.7	27,046.8	19,033.6	92,123.3
2nd quarter	146,475.6	27,688.6	16,225.2	102,561.8
3rd quarter	149,029.2	27,713.3	19,454.5	101,861.4
4th quarter	144,754.0	27,969.5	17,005.5	99,779.0

Source: Central Bank of the Philippines.

Table 15.14 - HOLDERS OF GOVERNMENT SECURITIES: 1960 TO 3rd QUARTER 1986  
 (Holdings in million pesos)

Period	Total	Central Bank	Commercial and other banks	Trust Funds	Semi-government entities	Private sector	Foreign holders
1960	1,484	1,027	106	175	147	29	0
1965	2,316	1,000	451	387	366	53	59
1970	5,233	2,385	1,334	685	246	542	41
1971	5,825	2,422	1,742	794	244	584	39
1972	7,646	3,022	1,770	865	329	1,630	30
1973	11,203	3,571	4,191	908	1,046	1,458	29
1974	14,989	4,190	4,400	1,043	2,399	2,934	23
1975	19,567	4,426	6,043	1,433	4,108	2,297	1,260
1976	22,093	4,764	6,773	1,682	5,668	1,949	1,257
1977	25,790	5,156	8,864	1,699	6,540	2,343	1,188
1978	29,001	4,889	11,730	2,119	5,889	3,195	1,179
1979	31,436	4,958	12,376	2,702	8,032	2,826	542
1980	34,262	6,079	12,969	4,327	6,990	3,635	262
1981	39,467	6,424	14,452	4,936	9,561	3,832	262
1982	47,239 <sup>a</sup>	9,168	16,232	5,280	10,919	5,378	262
1983	5,081	7,841	18,275	5,748	13,554	4,810	590
1984	240,153	40,145	77,453	24,429	50,958	45,808	1,360
1985	364,662	47,158	86,320	26,820	53,653	147,405	3,306
1st qtr	73,969	11,827	18,749	6,055	12,241	24,543	554
2nd qtr	95,355	11,679	23,214	6,547	13,952	39,226	737
3rd qtr	98,077	11,470	23,281	6,877	13,413	42,011	1,025
4th qtr	97,261	12,182	21,076	7,341	14,047	41,625	990
1986							
1st qtr	116,926	12,231	24,601	7,578	14,261	57,063	1,192
2nd qtr	124,949	11,544	24,215	8,008	15,412	64,739	1,031
3rd qtr	127,522	11,008	22,129	9,015	16,141	68,207	1,022

Note: Government securities include issues of the Development Bank of the Philippines and Land Bank of the Philippines.

Exclusive of \$ Treasury Bills.

Source: Central Bank of the Philippines.

## CHAPTER 16

### MONEY AND BANKING

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## **CHAPTER 16**

### **MONEY AND BANKING**

Statistical data on money and banking provide information on the level, growth, composition, origin and movements of money supply, credits, loans and investments outstanding by institutions, and demand, savings and time deposits liabilities of banks and other institutional sources of credit. These data are essential to the proper understanding of monetary and credit policies that affect the economy. These data also serve as empirical bases for the monetary authorities and the banking and credit institutions to readily respond to monetary problems, needs and requirements of the economy. Data on money, banking and credit are particularly important to developing countries like the Philippines because of the pivotal role played by financial institutions in providing scarce credit resources. The data also give insights on the contribution of financial institutions 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 institutions; credits granted and/or outstanding of deposit money and/or development banks; interest rates on savings and time deposits, total assets and liabilities by institutions 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.

Table 16.1 - MONEY SUPPLY AND ITS ORIGIN: 1970 TO 1987  
(In million pesos)

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,696.6	(625.1)	13,421.6	5,480.2	2,619.7
1971	5,179.1	(480.1)	14,574.8	6,320.8	2,594.8
1972	6,469.5	(778.3)	16,289.4	6,446.2	2,595.4
1973	7,267.2	3,093.1	18,342.2	12,726.6	1,441.5
1974	9,007.8	3,877.4	26,500.6	17,015.6	4,354.6
1975	10,314.8	(186.3)	35,258.1	20,430.9	4,326.1
1976	12,074.9	(1,440.6)	43,677.7	25,834.6	4,327.6
1977	14,938.5	(84.8)	51,464.3	31,215.1	5,225.9
1978	16,945.5	(596.0)	63,075.1	37,728.9	7,804.7
1979	18,843.6	(11,109.2)	79,771.3	41,659.9	8,158.6
1980	22,537.5	(17,303.2)	96,208.6	48,392.1	7,975.8
1981 <sup>r</sup>	23,524.3	(22,834.6)	117,678.4	61,691.7	9,627.8
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,489.3	(74,494.9)	171,396.2	83,371.2	(18,959.2)
1984	33,629.4	(99,937.3)	167,005.5	90,894.9	(57,456.1)
1985	35,826.6	(121,663.9)	156,745.0	99,473.5	(100,219.0)
1986					
January	36,086.5	(125,184.8)	160,887.1	96,127.8	(96,512.0)
February	40,695.7	(145,513.4)	164,216.8	91,947.5	(113,939.8)
March	38,110.3	(132,966.4)	167,154.8	95,610.8	(99,532.7)
April	36,423.0	(133,019.4)	160,238.7	92,580.1	(101,783.8)
May	35,144.6	(130,356.9)	152,226.8	94,281.5	(107,556.2)
June	33,940.9	(125,762.1)	146,790.6	97,034.0	(109,946.4)
July	32,532.2	(127,786.7)	143,473.8	94,739.9	(111,585.0)
August	32,326.5	(126,522.6)	142,450.8	96,727.1	(113,125.4)
September	33,460.7	(125,694.1)	140,410.8	99,034.4	(117,778.4)
October	34,548.8	(126,800.4)	138,319.0	99,345.6	(122,375.8)
November	36,520.6	(127,241.5)	138,945.6	103,010.9	(127,827.4)
December	42,657.7	(112,514.3)	122,536.8	101,463.5	(134,098.7)
1987					
January	40,174.9	(114,774.2)	117,541.2	101,071.8	(138,479.7)
February	39,126.4	(111,962.2)	114,152.3	102,516.9	(139,453.2)
March	40,596.2	(114,660.9)	108,536.1	103,699.8	(150,420.8)
April	42,236.0	(117,177.2)	103,853.1	96,038.7	(151,598.8)

Source: Central Bank of the Philippines.

Table 16.2 - FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1987  
(In million pesos)

End of Period	Money supply	Internal sector		External sector	
		Total	Public Sector	Private Sector	
1970	4,696.6	5,321.7	3,414.9	1,906.8	(625.1)
1971	5,179.1	5,659.2	3,212.5	2,446.7	(480.1)
1972	6,469.5	7,247.8	2,684.7	4,563.1	(778.3)
1973	7,267.2	4,174.1	1,811.1	2,363.0	3,093.1
1974	9,007.8	5,130.4	8.7	5,121.7	3,877.4
1975	10,314.8	10,501.1	4,492.1	6,009.0	(186.3)
1976	12,074.9	13,515.5	8,063.3	5,452.2	(1,440.6)
1977	14,938.5	15,023.3	11,381.9	3,641.4	(84.8)
1978	16,945.5	17,541.5	11,801.8	5,739.7	(596.0)
1979	18,843.6	29,952.8	12,024.5	17,928.3	(11,109.2)
1980	22,537.5	39,840.7	13,972.8	25,867.9	(17,303.2)
1981	23,524.3	46,358.8	19,497.3	26,861.5	(22,834.5)
1982	23,495.4	65,096.6	35,304.3	29,792.4	(41,601.2)
1983	32,489.3	106,984.2	75,527.7	31,456.5	(74,494.9)
1984	33,629.4	133,566.7	118,986.4	14,580.3	(99,937.3)
1985	35,826.6	157,490.5	138,413.1	19,077.4	(121,663.9)
1986					
January	36,086.2	161,271.0	142,887.9	18,383.1	(125,184.8)
February	40,695.7	186,209.1	160,179.2	26,029.9	(145,513.4)
March	38,110.4	171,076.8	150,954.9	20,121.9	(132,966.4)
April	36,423.0	169,442.4	148,128.4	21,314.0	(133,019.4)
May	35,144.6	165,501.5	148,553.6	16,947.9	(130,356.9)
June	33,940.9	159,703.0	147,113.1	12,589.9	(125,762.1)
July	32,532.2	160,318.9	147,871.0	12,447.9	(127,786.7)
August	32,326.2	158,848.8	146,921.6	11,927.2	(126,522.6)
September	33,460.7	159,154.8	148,913.6	10,241.2	(125,694.1)
October	34,548.8	161,349.2	152,462.2	8,887.0	(126,800.4)
November	36,520.6	163,762.1	155,666.7	8,095.4	(127,241.5)
December	42,657.7	155,172.0	170,223.4	(15,051.4)	(112,514.3)
1987					
January	40,174.9	154,949.1	169,131.9	(14,182.8)	(114,774.2)
February	39,126.4	151,088.6	173,647.1	(22,558.5)	(111,962.2)
March	40,596.2	155,257.1	172,798.8	(17,541.7)	(114,660.9)
April	42,236.0	159,413.2	168,467.1	(9,053.9)	(117,177.2)

Source: Central Bank of the Philippines.

Table 16.3 - DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1945 TO 1987  
(In million pesos)

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposits substitutes
		Total	Currency	Peso deposits in circulation	subject to check	Total	Savings deposits	
			Total	circulation			deposits	
1945	1,239.3	1,120.0	882.0	238.0	119.3	119.3	-	-
1950	1,497.3	1,225.1	675.0	550.1	272.2	237.6	34.6	-
1955	1,830.1	1,307.1	671.5	635.6	523.0	357.7	165.3	-
1960	2,827.8	1,867.3	952.9	914.4	960.5	719.1	241.4	-
1965	5,464.2	2,975.2	1,483.2	1,492.0	2,489.0	1,437.4	1,051.6	-
1970	9,387.9	4,696.6	2,410.0	2,286.6	4,691.3	3,745.7	945.6	-
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	112,962.1	32,489.3	19,607.3	12,882.0	63,366.5	34,089.7	29,276.8	17,106.3
1984	121,215.2	33,629.4	21,797.9	11,831.5	76,310.1	38,189.9	38,120.2	11,275.7
1985	132,882.5	35,826.6	24,066.1	11,760.5	88,447.4	46,412.5	42,034.9	8,608.5
1986								
January	129,413.0	36,086.5	24,438.1	11,648.4	85,046.4	45,320.1	39,726.3	8,280.1
February	129,573.3	40,695.7	28,644.4	12,051.3	80,854.3	44,675.6	36,178.7	8,023.3
March	130,676.6	38,110.3	25,848.2	12,262.1	84,615.9	45,897.8	38,718.1	7,950.4
April	126,046.9	36,423.0	24,634.7	11,788.3	81,479.8	44,658.0	36,821.8	8,144.1
May	126,490.8	35,144.6	23,849.3	11,295.3	83,452.1	45,664.1	37,788.0	7,894.1
June	127,814.9	33,940.9	21,886.4	12,054.5	86,178.3	48,483.9	37,694.4	7,695.7
July	124,206.5	32,532.2	21,176.8	11,355.4	84,217.3	48,138.6	36,078.7	7,457.0
August	125,933.1	32,326.2	21,649.2	10,677.0	86,053.6	49,180.2	36,873.4	7,553.3
September	129,415.6	33,460.7	21,461.6	11,999.1	88,449.1	51,636.1	36,813.0	7,505.8
October	130,683.6	34,548.8	23,245.0	11,303.8	88,708.2	51,932.5	36,775.7	7,426.6
November	136,516.7	36,520.6	24,802.6	11,718.0	91,888.5	54,860.8	37,027.7	8,107.6
December	141,124.4	42,641.4	29,295.2	13,346.2	93,608.5	60,557.1	33,051.4	4,874.5
1987								
January	138,486.4	40,174.9	27,666.2	12,508.7	94,351.6	60,824.2	33,527.4	3,959.9
February	138,704.4	39,126.4	26,884.0	12,242.4	94,770.1	61,458.0	33,312.1	4,807.9
March	140,939.3	40,596.2	26,522.6	14,073.6	95,165.3	64,084.0	31,081.3	5,177.8
April	135,292.8	42,236.0	28,575.8	13,660.2	89,714.3	60,997.8	28,716.5	3,342.5

Source: Central Bank of the Philippines.

**Figure 16.1**  
**MONEY SUPPLY AND ITS ORIGIN: 1974 to 1986**

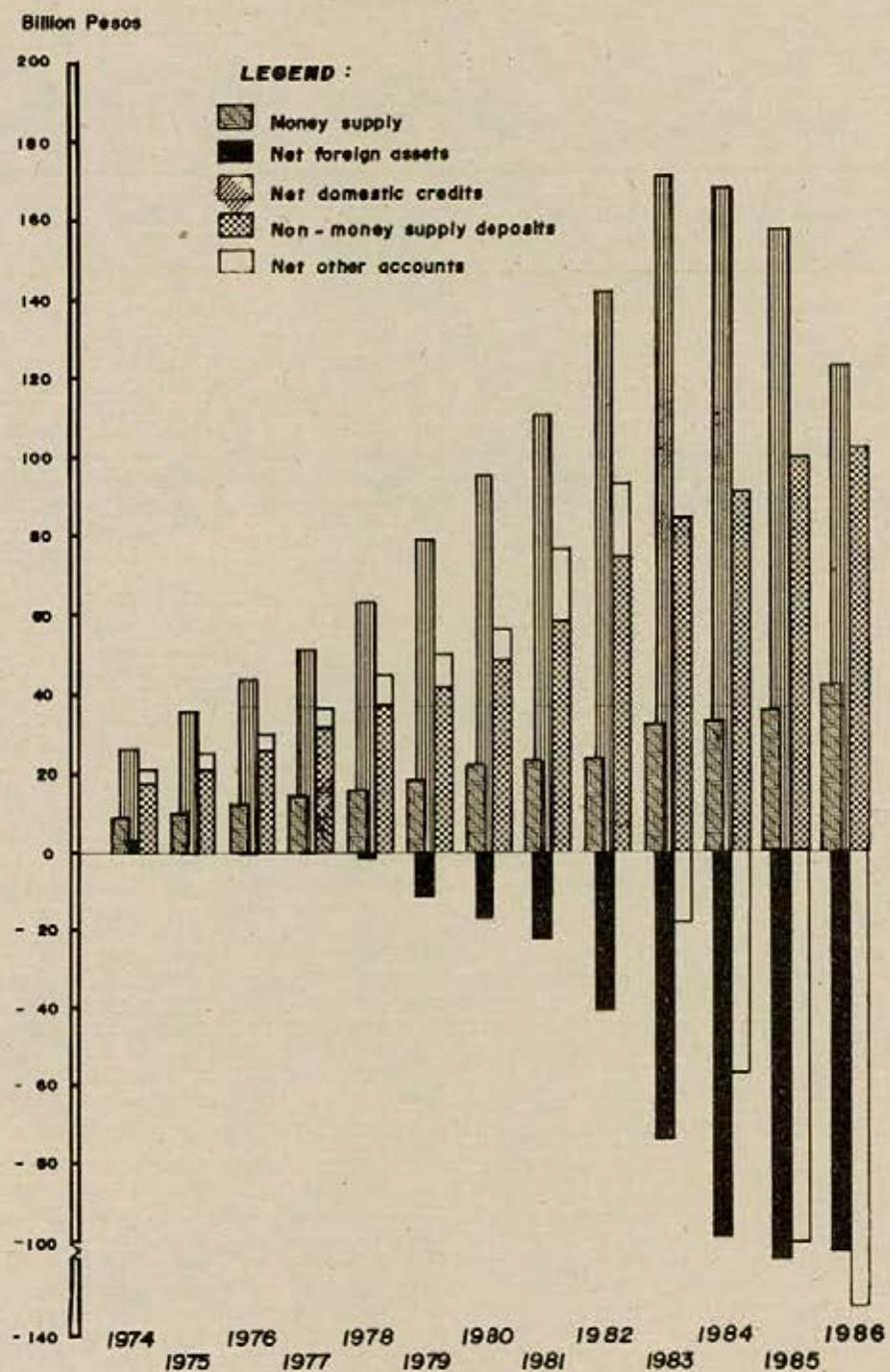


Table 16.4 - GROSS DOMESTIC CREDITS OF  
(In million

End of Period	Grand Total	Total	Domestic securities		
			National Government	& semi-gov't entities	Local gov't Private busi-nesses and individuals
1970	11,230.8	1,559.9	900.3	313.3	346.3
1971	12,555.9	1,564.7	974.2	306.7	283.8
1972	14,592.2	1,340.3	828.9	311.0	200.4
1973	20,547.7	2,175.8	1,530.7	367.4	277.7
1974	30,385.7	2,225.9	1,379.9	431.4	414.6
1975	37,517.2	2,438.1	1,251.8	1,079.2	107.1
1976	44,160.9	3,045.9	1,650.9	1,265.7	129.3
1977	52,584.4	4,220.0	2,542.3	1,341.1	336.6
1978	65,427.2	4,449.3	2,398.4	1,923.0	127.9
1979	81,996.0	5,145.5	2,896.1	2,021.3	228.1
1980	95,526.7	6,840.5	3,735.9	2,686.5	418.1
1981	112,898.1	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	159,002.3	17,581.8	10,414.6	2,788.7	4,378.5
1984	158,477.4	23,614.7	12,640.1	2,486.9	8,487.7
1985	142,547.4	19,659.1	9,925.9	2,329.7	7,403.5
1986					
January	139,392.2	18,059.7	8,103.9	2,340.1	7,615.7
February	146,711.2	19,837.6	9,274.5	3,051.2	7,511.9
March	147,757.2	21,049.4	10,669.8	2,919.4	7,460.2
April	146,827.1	20,942.1	10,377.5	2,910.4	7,654.2
May	144,736.4	22,488.0	11,988.0	2,826.9	7,673.1
June	142,622.1	21,814.8	11,498.7	2,727.8	7,588.3
July	137,177.4	20,291.3	9,998.3	2,763.1	7,529.9
August	140,556.5	21,627.8	11,409.7	2,739.3	7,478.8
September	138,693.8	20,842.6	10,764.0	2,730.5	7,348.1
October	136,401.8	21,404.2	11,378.3	2,652.1	7,373.8
November	140,128.7	23,414.3	13,366.9	2,868.8	7,178.6

Source: Central Bank of the Philippines.

DEPOSIT MONEY BANKS: 1970 TO 1986  
 pesos)

Total	Loans and advances			Credits to Central Bank
	National Government	Local gov't and semi- gov't entities	Private busi- nesses and individuals	
9,623.6	-	958.6	8,665.0	47.3
10,697.9	-	819.2	9,878.7	293.3
12,804.9	-	858.1	11,946.8	447.0
16,572.0	-	480.5	16,091.5	1,799.9
25,911.5	-	1,090.6	24,820.9	2,248.3
31,568.5	-	3,501.2	28,067.3	3,510.6
37,170.2	33.1	4,633.3	32,503.8	3,944.8
43,058.3	727.7	4,707.7	37,622.9	5,396.1
54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
69,740.7	1,557.2	5,354.0	62,829.5	7,109.8
82,516.4	1,242.5	5,995.8	75,728.1	6,169.8
97,571.1	715.5	5,697.7	91,157.9	5,948.0
111,774.6	824.1	7,304.3	103,646.2	4,304.5
138,106.5	1,124.5	11,776.3	125,205.7	3,314.0
129,598.7	1,047.7	16,807.8	111,743.2	5,264.0
115,889.7	1,267.6	15,452.1	99,170.0	6,998.6
115,341.9	1,039.1	15,582.2	98,720.6	5,990.6
120,255.8	1,034.6	16,333.3	102,887.9	6,617.8
116,623.9	1,019.9	15,497.2	100,106.8	10,083.9
116,082.0	1,019.8	15,391.8	99,670.4	9,803.0
113,533.6	1,344.1	15,165.3	97,024.2	8,714.8
112,893.3	1,360.1	14,112.8	97,420.4	7,914.0
110,700.5	1,344.0	14,863.1	94,493.4	6,185.6
110,629.7	1,344.0	14,524.6	94,761.1	8,299.0
110,755.7	1,344.1	14,133.9	95,277.7	7,095.5
110,813.9	1,358.8	14,514.8	94,940.3	4,183.7
112,020.4	1,358.0	13,541.0	97,121.4	4,694.0

Table 16.5 - TOTAL LOANS AND INVESTMENTS OUTSTANDING  
BY INSTITUTION: 1955 TO 1986  
(In million pesos)

End of Period	Total	Commercial banks	Rural banks	Development banks	Savings banks <sup>1</sup>
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	15,015.0	10,968.0	547.7	2,935.3	564.0
1975	49,717.5	38,788.8	2,416.3	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	135,805.7	102,064.2	4,820.7	23,459.9	5,460.9
1981	162,669.8	117,789.8	5,658.8	33,929.6	5,291.6
1982	188,708.6	136,507.8	6,922.1	40,683.8	4,594.9
1983	236,239.5	171,558.5	7,973.9	51,013.9	5,693.2
1984	247,296.0	180,667.5	7,384.0	53,731.5	5,513.0
1985	215,453.3	162,171.6	7,072.5	41,412.7	4,796.5
1986					
January	212,844.4	159,960.9	6,993.9	41,559.7	4,329.9
February	218,275.6	165,684.0	6,993.9	40,980.1	4,617.6
March	237,554.7	169,287.0	6,993.9	56,270.4	5,003.4
April	237,812.1	168,561.7	7,099.3	56,922.9	5,228.2
May	237,509.9	167,690.9	7,099.3	57,399.9	5,319.8
June	234,208.5	164,634.3	7,099.3	56,745.8	5,729.1
July	231,546.0	161,578.6	7,274.0	57,081.4	5,612.0
August	231,584.7	161,569.3	7,274.0	57,255.6	5,485.8
September	229,842.3	160,376.3	7,274.0	56,820.7	5,371.3
October	229,038.4	160,274.5	7,266.4	56,066.6	5,430.9
November	226,988.9	159,541.0	7,266.4	54,688.0	5,493.5
December	187,043.1	161,367.9	7,266.4	12,485.0	5,923.8

<sup>1</sup> Banco Filipino not included (closed) starting 1985;  
PAIC bank not included (closed) starting August 1985.  
Source: Central Bank of the Philippines.

Table 16.6 - TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION:  
 1955 TO 1986  
 (In million pesos)

End of Period	Total	Commercial banks	Rural banks	Development banks	Savings banks <sup>1</sup>
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	8,034.6	6,178.9	68.5	1,506.1	281.1
1976	9,766.1	7,141.0	75.7	2,131.0	418.4
1977	12,729.6	9,516.6	76.8	2,720.9	415.3
1978	15,602.7	11,370.2	97.1	3,478.3	657.1
1979	18,043.2	12,626.5	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	31,519.4	19,689.1	253.1	10,700.9	876.3
1983	34,616.6	21,443.5	325.9	11,919.8	927.4
1984	42,665.1	29,678.4	361.5	12,140.1	485.1
1985	39,765.3	27,753.4	436.2	10,409.5	1,166.2
1986					
January	36,175.5	24,826.0	456.4	9,952.2	940.9
February	37,646.0	26,570.6	456.4	9,797.2	821.8
March	43,170.2	32,209.3	456.4	9,647.6	856.9
April	43,529.9	31,379.4	505.0	10,306.6	1,338.9
May	44,176.3	31,945.5	505.0	10,222.7	1,503.1
June	43,260.6	30,408.5	505.0	10,559.7	1,787.4
July	39,974.1	26,934.1	522.6	10,946.0	1,571.4
August	43,568.9	30,663.4	522.6	11,043.5	1,339.4
September	41,924.0	28,841.9	522.6	11,306.9	1,252.6
October	38,436.2	26,059.8	475.9	10,839.7	1,060.8
November	40,296.7	28,146.6	475.9	10,455.0	1,219.2
December	35,351.3	30,587.4	475.9	2,865.0	1,423.0

<sup>1</sup>Beginning 1959, includes private development banks.

Source: Central Bank of the Philippines.

Table 16.7 - TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT  
(In thousand)

Period	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	226,066	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
January	36,261	6,080	13,374	35	989	13	1,427
February	31,400	4,436	6,748	80	1,008	3	1,413
March	55,602	3,536	8,073	60	948	23	1,414
April	62,241	5,947	19,162	-	1,044	23	1,366
May	46,008	7,584	8,442	88	2,301	-	1,465
June	147	-	-	-	-	-	-
July	43,573	8,511	8,445	238	1,991	-	182
August	78,443	7,600	5,659	153	3,735	-	157
September	59,488	11,576	7,483	305	3,533	-	230
October	123,503	13,666	835	368	3,892	81	160
November	76,104	19,226	9,946	1,354	3,304	-	185
December	147,417	96,681	10,407	908	1,030	30	210

<sup>1</sup>This consists of the Development Bank of the Philippines and Private Banks before adjustments (reduction and/or cancellation of loan approval).

<sup>2</sup>Includes mango, soybeans and cotton.

<sup>3</sup>Series started in 1977.

Source: Central Bank of the Philippines.

BANKS<sup>1</sup>, CLASSIFIED BY PRODUCTS: 1965 TO 1986  
 pesos)

Cassava & other root crops	Other			Citrus	Pine- apple and vegetables	Other fruits and and vegetables	Salt farming	Livestock and poultry
	Abaca	Ramie	fibers					
13	924	12	23	592	5	1,016	268	11,583
53	63	-	-	132	120	920	368	12,615
74	7,554	210	6	3,331	-	8,181	212	234,973
10	11,614	43	264	2,217	-	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	-	30	-	483	-	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	-	-	500	326	-	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
94	-	-	9	37	-	31	338	6,757
52	60	-	-	39	-	506	6	11,894
53	60	-	-	9	-	50	6	5,767
50	60	-	-	9	-	-	119	11,511
53	123	-	-	81	-	318	54	8,396
-	-	-	-	-	-	-	-	-
1,500	123	-	-	81	3,500	609	54	15,629
-	123	-	-	110	4,000	651	454	6,633
500	123	-	-	292	-	789	54	7,323
53	55	-	-	596	-	435	6	53,762
-	54	-	-	359	-	1,115	6	17,411
-	54	2,100	-	221	-	1,115	6	15,147

Table 16.7 - TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1986 (continued)  
(In thousand pesos)

Period	Hunting strapping	Fertilizer & game propa- gation	Farm seed- lings	Rubber imple- ments	for the chicken	Tree planta- tion	Sorghum produc- tion of poultry paper)	Grapes feed)	Grains	proces- sing & storage	Others <sup>2</sup>
1965	-	635	2,137	107	-	-	-	-	-	-	895
1970	11	894	516	471	-	-	-	-	-	-	505
1975	181	2,671	3,016	2,747	4,619	187	2,615	-	-	-	9,655
1976	72	3,740	11,112	9,684	399	42	50	-	-	-	14,288
1977	8	2,014	4,237	7,964	3,227	749	45	34,774 <sup>3</sup>	-	-	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	-	68,449	-	-	37,640
1981	-	7,972	7,117	-	-	-	-	-	-	-	21,483
1982	563	11,056	5,363	6,084	4,457	-	-	-	12,111	-	214,198
1983	-	8,433	4,959	3,244	-	15	42	-	-	-	53,692
1984	10	13,955	2,889	9,555	13	-	-	-	-	-	145,523
1985	-	4,197	5,123	107	182	-	-	-	1,098	-	61,989
1986	1,425	30,193	12,441	1,914	-	-	-	-	8,086	-	205,380
January	-	67	257	-	-	-	-	-	-	-	6,753
February	-	35	182	8	-	-	-	-	1,034	-	3,896
March	-	24	2,757	-	-	-	-	-	-	-	32,822
April	-	142	1,932	-	-	-	-	-	-	-	20,876
May	-	321	2,483	-	-	-	-	-	-	-	14,299
June	-	-	-	-	-	-	-	-	-	-	147
July	-	342	836	-	-	-	-	-	-	-	1,532
August	1,425	635	464	-	-	-	-	-	-	-	46,644
September	-	844	156	-	-	-	-	-	7,052	-	19,228
October	-	9,827	877	422	-	-	-	-	-	-	38,468
November	-	13,106	709	800	-	-	-	-	-	-	8,529
December	-	4,850	1,788	684	-	-	-	-	-	-	12,186

Figure 16.2  
DOMESTIC LIQUIDITY: 1975 to 1986

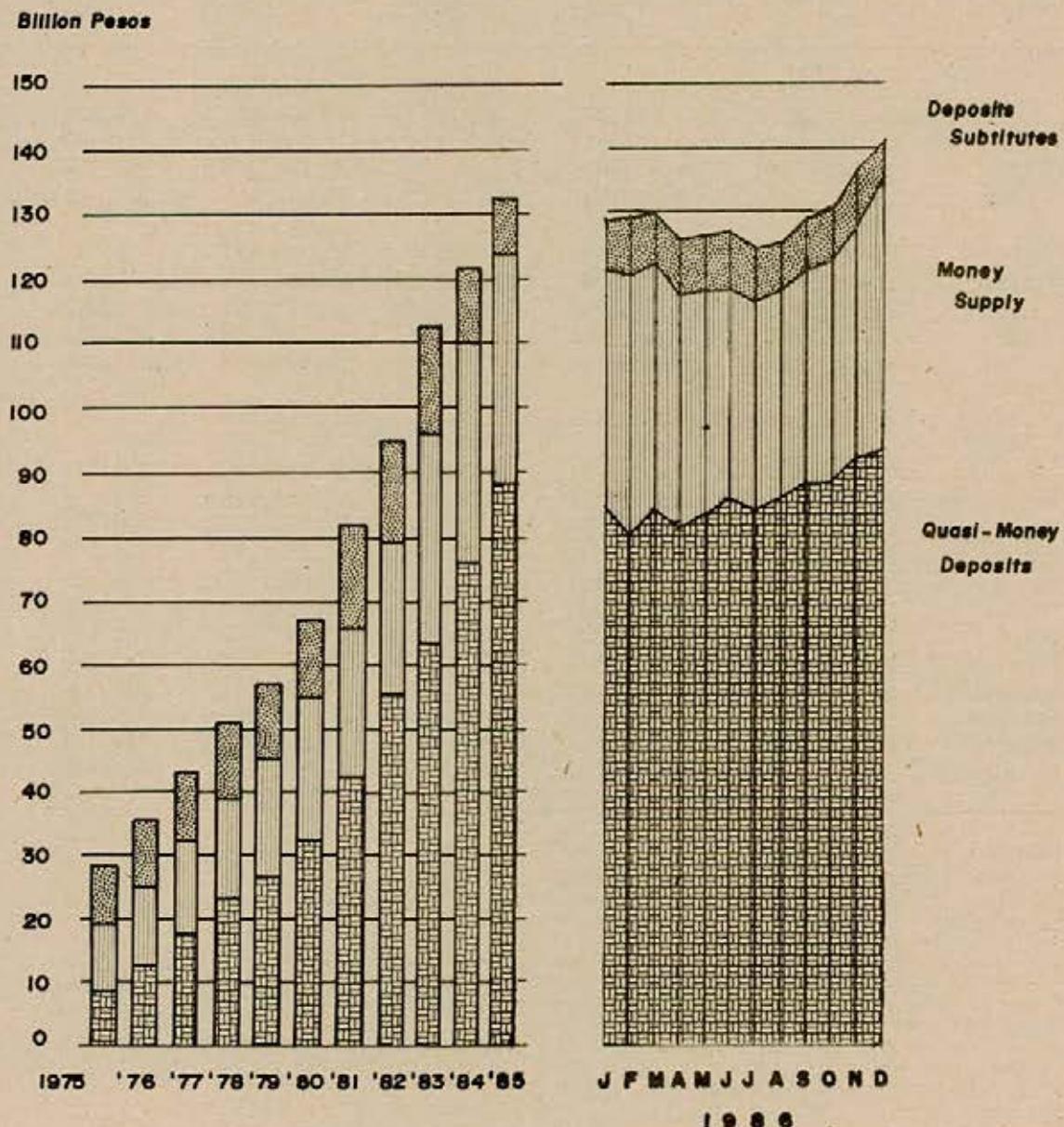


Table 16.8 - NUMBER OF DEPOSITS ACCOUNTS

End of 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	15,916,428	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	22,660,497	13,337,037	616,017	11,331,076	1,389,944
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222
1983	25,575,893	15,211,390	658,537	11,235,428	3,317,425
1984	23,745,420	13,971,476	651,368	10,932,072	2,388,036
1985	20,232,269	12,603,421	633,225	11,041,504	928,692
1986					
January	19,548,908	12,416,974	660,956	10,856,780	899,238
February	20,497,830	13,351,770	638,455	10,851,015	1,862,300
March	19,388,428	12,351,389	631,807	10,808,788	910,794
April	19,899,305	12,396,840	645,246	10,830,084	921,510
May	19,775,426	12,324,533	631,921	10,803,547	889,065
June	19,635,170	12,150,236	703,402	10,674,949	771,885
July	19,505,317	12,159,291	636,531	10,767,172	755,588
August	19,419,578	12,128,907	627,202	10,727,788	773,917
September	19,370,193	12,118,508	627,351	10,698,121	793,036
October	19,224,562	12,076,066	632,737	10,709,191	734,138
November	19,133,476	12,016,649	642,990	10,632,885	740,774
December	19,491,646	12,398,011 <sup>P</sup>	648,918	10,938,437	810,656

<sup>1</sup> Data includes DBP starting July 1986.

Source: Central Bank of the Philippines.

## IN BANKS: 1975 TO 1986

Savings Banks				Private Developments Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
2,889,949	-	2,858,891	31,058	459,041	-	451,302	7,739
3,438,880	-	3,374,289	64,591	541,730	-	530,517	11,213
4,186,153	-	4,069,997	116,156	627,479	-	610,456	17,023
5,170,963	6	4,936,358	234,599	697,428	-	669,742	27,686
5,893,166	6,323	5,555,997	330,846	782,016	-	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
2,114,588	27,291	2,003,671	83,626	915,949	9,544	858,323	48,082
2,072,607	27,706	1,964,277	80,624	972,922	9,030	919,042	44,850
2,049,875	27,603	1,935,561	86,711	885,514	9,044	829,361	47,109
2,043,990	28,412	1,927,545	88,033	928,101	9,220	873,526	45,355
2,023,276	28,434	1,909,308	85,534	896,815	9,445	842,477	44,893
2,007,951	28,899	1,896,816	82,236	945,895	9,632	866,417	69,846
1,999,525	29,105	1,891,712	78,708	913,530	9,839	858,919	44,772
1,950,029	29,469	1,847,139	73,421	907,647	10,381	851,400	45,866
1,910,166	30,006	1,811,219	68,941	906,187	10,744	853,519	41,924
1,897,375	31,068	1,803,143	63,164	869,549	10,104	819,942	39,503
1,874,510	31,305	1,783,274	59,931	860,021	10,251	791,717	58,053
1,856,954	31,341	1,767,978	57,635	855,163	11,245	748,189	95,729

Table 16.8 - NUMBER OF DEPOSIT ACCOUNTS IN BANKS, 1975 TO 1986  
 (continued)

End of Period	Specialized Government Banks				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	72,631	1,366	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								
January	205,759	6,372	192,947	6,440	3,895,638	5,417	3,796,283	93,938
February	204,893	6,373	192,392	6,128	3,895,638	5,417	3,796,283	93,938
March	206,012	6,431	193,353	6,228	3,895,638	5,417	3,796,283	93,938
April	209,505	6,106	197,267	6,132	4,320,869	4,898	4,213,812	102,159
May	209,933	6,145	197,776	6,012	4,320,869	4,898	4,213,812	102,159
June	210,219	6,195	198,651	5,373	4,320,869	4,898	4,213,812	102,159
July	206,787	6,289	195,244	5,254	4,226,184	5,481	4,128,963	91,740
August	206,811	6,330	195,328	5,153	4,226,184	5,481	4,128,963	91,740
September	209,148	6,450	197,579	5,119	4,226,184	5,481	4,128,963	91,740
October	211,048	6,530	199,540	4,978	4,170,524	5,678	4,075,190	89,656
November	211,772	6,527	200,247	4,998	4,170,524	5,678	4,075,190	89,656
December	210,994	6,588	199,581	4,825	4,170,524	5,678	4,075,190	89,656

Figure 16.3  
TOTAL LOANS AND INVESTMENTS OUTSTANDING  
BY INSTITUTIONS: 1975 to 1986

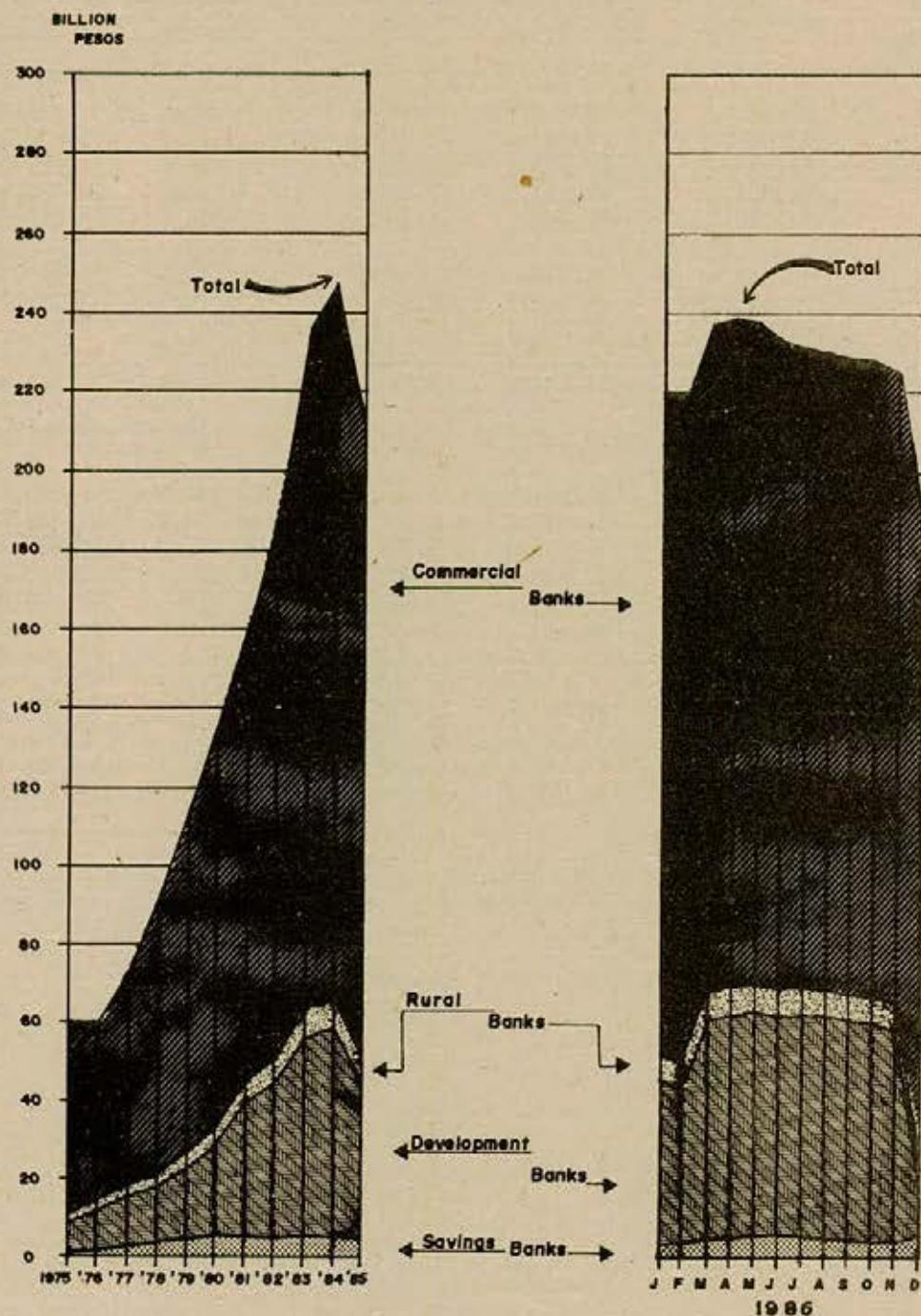


Table 16.9 - TOTAL DEPOSIT LIABILITIES

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	54,951.5	43,652.5	9,602.3	17,313.7	16,736.5
1979	70,180.4	55,997.2	11,396.9	20,883.7	23,716.6
1980	90,364.4	72,630.2	13,535.4	23,047.1	36,047.7
1981	100,131.7	79,261.7	14,311.7	27,016.7	37,933.3
1982	116,661.5	93,230.4	11,939.4	33,444.7	47,846.3
1983	140,048.8	116,227.0	19,139.5	40,939.7	56,147.8
1984	152,239.1	134,547.3	15,268.0	47,210.9	72,068.4
1985	167,353.4	143,017.7	14,753.3	56,267.5	71,996.9
1986					
January	161,976.7	138,033.0	15,352.5	55,009.9	67,670.6
February	160,403.1	135,932.2	15,509.8	54,934.1	65,488.3
March	164,655.6	138,833.0	15,581.2	55,364.2	67,887.6
April	160,949.7	134,820.5	15,715.7	55,136.7	63,968.1
May	163,009.7	136,211.6	15,096.5	56,107.1	65,008.0
June	169,946.0	140,943.1	16,327.3	58,965.2	65,650.6
July	155,917.8	130,407.3	12,827.2	58,980.5	58,599.6
August	158,113.1	131,810.3	12,060.6	60,764.3	58,985.4
September	162,011.0	134,869.2	13,715.7	63,962.2	57,191.3
October	163,012.2	135,884.6	16,090.1	66,822.1	52,972.4
November	165,212.7	137,590.4	16,644.9	67,556.4	53,389.1
December	166,277.7	138,026.2	19,650.6	70,881.2	47,494.4

<sup>1</sup>Data includes DBP starting July 1986.  
Source: Central Bank of the Philippines.

## OF BANKS: 1975 TO 1986

Savings Banks				Private Development Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,183.9	-	1,020.0	163.9	196.1	-	149.0	47.1
1,760.6	-	1,371.3	389.3	258.4	-	173.9	84.5
2,458.1	-	1,800.2	657.9	332.9	-	207.3	125.6
3,478.9	0.2	2,366.5	1,112.2	424.2	-	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
5,341.7	87.0	3,032.2	2,222.5	2,561.9	127.5	1,157.6	1,276.8
5,392.0	94.5	3,088.9	2,208.6	2,496.1	144.1	1,112.6	1,239.4
5,954.2	102.3	3,445.5	2,406.4	2,804.3	164.7	1,334.2	1,305.4
5,856.0	107.3	3,308.2	2,440.5	2,821.0	132.5	1,321.8	1,366.7
5,978.2	109.4	3,430.0	2,438.8	2,896.8	166.8	1,308.8	1,421.2
6,211.0	110.2	3,560.2	2,540.6	3,137.3	59.9	1,596.8	1,480.6
6,257.6	115.6	3,568.8	2,573.2	3,111.2	173.9	1,404.6	1,532.7
6,297.9	116.9	3,672.5	2,508.5	3,166.1	157.1	1,441.1	1,567.9
6,399.1	117.0	3,802.2	2,479.9	3,138.4	89.3	1,510.5	1,538.6
6,464.6	129.7	3,917.1	2,417.8	3,237.2	143.7	1,515.2	1,578.3
6,503.9	139.5	4,042.0	2,322.4	3,080.0	82.1	1,451.7	1,546.2
7,021.9	166.8	4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9

Table 16.9 - TOTAL DEPOSIT LIABILITIES  
(Continued)

End of Period	S S L A				Specialized	
	Total	Demand	Savings	Time	Total	Demand
1975	213.0	-	154.8	58.2	4,146.0	2.8
1976	357.2	-	239.3	117.9	4,305.1	18.5
1977	483.0	-	317.1	165.9	4,476.3	31.4
1978	677.6	-	444.4	233.2	5,121.1	58.2
1979	874.1	-	567.2	306.9	5,990.9	92.9
1980	1,097.4	-	698.0	399.4	7,821.4	129.1
1981	1,466.3	-	875.1	591.2	11,219.7	141.8
1982	2,187.2	5.6	1,112.6	1,069.0	11,121.6	158.1
1983	2,760.7	20.5	1,228.9	1,511.3	9,047.2	172.1
1984	1,734.9	13.0	994.8	727.1	7,316.5	213.1
1985	1,978.5	9.9	1,085.4	883.2	10,838.3	152.9
1986						
January	1,899.2	13.2	1,029.4	856.6	10,952.2	150.0
February	1,798.2	17.5	993.2	787.5	11,595.9	150.2
March	1,959.5	17.3	1,067.8	874.4	11,915.9	151.6
April	2,070.1	20.5	1,110.0	939.6	12,004.6	135.8
May	2,138.6	23.6	1,140.2	974.8	12,407.0	146.4
June	2,192.0	14.5	1,162.0	1,015.5	14,085.1	151.0
July	2,236.7	12.2	1,175.9	1,048.6	10,279.4 <sup>1</sup>	151.7
August	2,281.6	18.2	1,201.3	1,062.1	10,931.6 <sup>1</sup>	149.9
September	2,373.0	15.3	1,268.7	1,089.0	11,605.7 <sup>1</sup>	158.9
October	2,393.7	12.0	1,278.7	1,103.0	11,265.0 <sup>1</sup>	169.0
November	2,448.7	46.3	1,309.8	1,092.6	11,822.6 <sup>1</sup>	182.0
December	2,627.3	31.0	1,517.2	1,079.1	11,519.7 <sup>1</sup>	184.6

## OF BANKS: 1975 TO 1986

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
3,206.8	1,856.1	1,597.2	18.8	974.6	603.8
3,842.9	2,055.1	1,911.1	26.5	1,182.2	702.4
5,287.3	2,405.0	2,050.5	13.9	1,265.6	771.0
7,497.6	3,580.3	2,427.3	25.0	1,471.3	931.0
7,561.1	3,402.4	2,995.8	21.4	1,776.7	1,197.7
5,654.6	3,220.5	3,591.4	23.5	2,063.1	1,504.8
1,922.8	5,180.6	3,316.2	17.6	1,939.2	1,359.4
2,935.1	7,750.3	3,018.7	17.1	1,966.9	1,034.7
2,980.1	7,822.1	3,188.7	24.0	2,099.4	1,065.3
3,673.5	7,772.2	3,188.7	24.0	2,099.4	1,065.3
4,157.2	7,607.1	3,188.7	24.0	2,099.4	1,065.3
4,404.1	7,464.7	3,377.5	21.5	2,190.8	1,165.2
4,786.7	7,473.9	3,377.5	21.5	2,190.8	1,165.2
5,414.6	8,519.5	3,377.5	21.5	2,190.8	1,165.2
3,259.5	6,868.2	3,625.6	17.8	2,305.4	1,302.4
3,664.6	7,117.1	3,625.6	17.8	2,305.4	1,302.4
4,362.6	7,084.2	3,625.6	17.8	2,305.4	1,302.4
4,185.3	6,910.7	3,767.1	20.5	2,407.2	1,339.4
4,387.2	7,253.4	3,767.1	20.5	2,407.2	1,339.4
3,682.2	7,652.9	3,767.1	20.5	2,407.2	1,339.4

Table 16.10- LOANS GRANTED BY DEVELOPMENT BANKS  
(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	833.3	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	8,227.5	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	6,346.4	936.5	5.6	560.3
January	444.4	44.7	-	21.6
February	422.5	33.3	-	23.3
March	472.7	62.2	3.0	70.8
April	475.1	66.2	-	56.7
May	614.4	54.1	-	29.8
June	284.3	75.9	-	51.2
July	437.2	49.9	0.8	45.1
August	532.2	86.1	0.7	48.6
September	475.7	71.3	-	50.0
October	1,205.9	135.4	0.3	47.1
November	354.3	96.3	0.5	41.7
December	627.7	161.1	0.3	74.4

Source: Central Bank of the Philippines.

CLASSIFIED BY INDUSTRY: 1965 to 1986  
 pesos)

Construction	Real estate	Public utility	Services	Government 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	1,012.2	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	1,678.7	319.9	2,429.9	0.2
45.2	1,099.1	799.6	1,068.1	-
32.2	303.1	181.6	1,534.9	-
19.5	199.3	275.6	4,349.6	-
0.1	18.9	6.6	352.5	-
1.0	15.2	6.3	343.4	-
2.3	12.6	159.3	162.5	-
5.3	14.4	27.7	304.8	-
0.6	15.3	27.0	487.6	-
1.4	12.3	5.0	138.5	-
1.2	13.1	5.9	321.2	-
0.9	18.6	5.6	371.7	-
0.7	20.6	7.2	325.9	-
1.5	16.9	11.6	993.1	-
1.3	15.6	5.8	193.1	-
3.2	25.8	7.6	355.3	-

Table 16.11 - TOTAL ASSETS AND TOTAL LIABILITIES,  
(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	53,172.8	47,997.3
1976	28,972.2	28,598.2	58,730.9	52,967.8
1977	28,982.8	28,563.3	68,676.5	61,703.3
1978	38,358.0	37,946.7	89,798.6	81,790.2
1979	50,970.2	50,287.9	113,953.4	104,858.2
1980	65,447.3	64,943.4	138,416.3	127,704.8
1981	71,571.2	71,042.1	161,972.2	148,032.5
1982	91,691.8	91,169.1	195,777.6	179,102.2
1983	130,371.7	129,817.9	240,543.8	222,930.9
1984	206,026.5	205,434.5	288,540.2	262,772.3
1985	251,611.9	250,970.6	283,347.1	261,770.3
1986				
January	254,916.5	254,271.3	276,282.6	255,078.0
February	281,092.5	280,441.5	287,468.7	265,568.3
March	282,907.2	282,266.9	285,704.1	264,079.3
April	288,778.1	288,131.6	282,852.6	261,364.1
May	300,544.3	299,895.7	280,324.6	259,049.1
June	299,506.9	298,850.8	287,487.0	263,464.9
July	303,387.1	302,724.4	282,755.5	257,647.1
August	300,395.0	299,727.6	280,816.2	256,205.8
September	302,035.0	301,361.4	283,812.4	259,358.1
October	305,046.0	304,367.4	277,133.4	252,737.7
November	305,221.1	304,537.6	285,240.2	261,540.5
December	313,892.0	313,215.0	248,542.3	220,306.4

Source: Central Bank of the Philippines

BY INSTITUTIONS: 1955 TO 1986  
 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	9,657.1	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	3,621.2	4,112.0	3,408.7	18,837.2	15,108.8
5,389.9	5,048.7	5,017.0	4,212.8	23,136.6	18,823.1
7,352.4	6,730.8	5,642.2	4,769.5	29,284.1	24,089.5
6,930.5	6,447.1	6,631.2	5,607.8	38,079.1	31,997.1
5,872.4	5,415.7	8,136.5	6,965.3	48,348.7	41,087.9
7,399.4	6,825.9	9,499.7	8,107.5	60,553.5	52,760.8
7,613.8	6,963.4	9,023.3	7,513.0	72,236.4	65,426.1
6,847.2	6,400.1	8,821.7	7,240.8	79,035.6	71,605.5
6,215.5	5,767.4	8,900.3	7,304.0	78,956.9	72,046.2
6,327.9	5,858.7	8,900.3	7,304.0	78,578.7	71,920.4
6,946.5	6,470.3	8,900.3	7,304.0	78,939.6	72,911.3
6,925.2	6,425.8	9,032.8	7,407.3	79,488.2	73,948.6
6,990.9	6,488.1	9,032.8	7,407.3	79,886.8	74,767.5
7,503.5	6,993.5	9,032.8	7,407.3	80,257.6	75,531.8
7,474.6	6,965.3	9,278.2	7,608.2	81,071.6	76,661.0
7,354.9	6,805.8	9,278.2	7,608.2	81,146.6	73,581.2
7,471.7	6,914.9	9,278.2	7,608.2	80,975.4	73,842.4
7,499.5	6,933.4	9,350.5	7,651.6	81,465.6	74,665.8
7,585.8	7,017.1	9,350.5	7,651.6	81,892.7	75,585.5
8,124.4	7,540.9	9,350.5	7,651.6	17,789.1	11,873.2

Table 16.12 - FINANCIAL CONDITION OF THE GOVERNMENT SERVICE  
(In million)

Year	Total	Assets			
		Social insurance fund <sup>1</sup>	Optional Life insurance fund <sup>2</sup>	General insurance fund <sup>3</sup>	Medicare insurance fund <sup>4</sup>
FY 1970-1971	2,905.0	2,851.0	-	54.0	-
FY 1971-1972	3,390.8	3,327.8	-	63.0	-
FY 1972-1973	3,614.7	3,482.8	-	79.6	52.3
FY 1973-1974	4,008.2	3,848.0	-	106.3	53.9
FY 1974-1975	4,425.6	4,212.2	-	151.1	50.8
CY 1976	6,339.4	5,825.5	-	402.1	35.8
CY 1977	6,751.4	6,073.5	-	520.4	24.6
CY 1978	7,833.3	6,815.8	299.6	505.6	12.5
CY 1979	8,137.0	7,080.0	351.4	403.6	49.4
CY 1980	9,245.5	8,018.2	364.3	484.0	78.2
CY 1981	10,943.8	9,688.7	411.5	563.1	21.3
CY 1982	13,312.3 <sup>7</sup>	11,895.5	440.0	678.2	56.2
CY 1983	14,610.0 <sup>7</sup>	13,090.8	446.6	685.4	100.8
CY 1984	15,641.7 <sup>7</sup>	13,802.5	498.2	865.8	134.7
CY 1985	16,752.9 <sup>7</sup>	14,382.3	598.0	1,014.0	303.0
CY 1986	19,326.2 <sup>7</sup>	15,588.5	730.8	2,183.3	388.4

<sup>1</sup> Composed of Life and Retirement Insurance Fund prior to 1979.

<sup>2</sup> Started operation 1978.

<sup>3</sup> Refers to Property Insurance Fund prior to 1973.

<sup>4</sup> Started operation 1973.

<sup>5</sup> Started operation March 1975

<sup>6</sup> Includes unassigned surplus only.

<sup>7</sup> Net of Interfund borrowing/lending.

Source: Government Service Insurance System.

INSURANCE SYSTEM: FY 1970-1971 TO CY 1986  
 pesos)

Reserves							
Employees Compen- sation insurance fund <sup>5</sup>	Total	Social insurance fund <sup>1</sup>	Optional Life insurance fund <sup>2</sup>	General insurance fund <sup>3</sup>	Medicare insurance fund <sup>4</sup>	Employees Compen- sation insurance fund <sup>5</sup>	
-	2,769.3	2,755.1	-	14.2	-	-	
-	3,073.3	3,054.2	-	19.1	-	-	
-	3,343.4	3,289.5	-	18.5	35.4	-	
-	3,658.2	3,613.0	-	9.6	35.6	-	
11.5	4,036.5	3,990.3	-	9.5	35.4	1.3	
76.0	5,152.2	5,082.4	-	13.7	45.1	11.0	
132.9	5,563.9	5,559.7	-	4.2	-	-	
199.8	6,393.5	5,819.2	286.1	217.7	44.3	26.2	
252.6	7,246.6	6,653.0	290.0	217.8	52.2	33.6	
300.8	8,210.7	7,525.6	281.5	263.3	83.9	56.4	
259.2	9,789.1	8,926.4	295.4	320.5	104.7	142.1	
242.4	11,514.0	10,541.7	308.6	367.2	120.6	175.9	
286.4	12,959.7	11,757.2	376.9	464.3	144.8	216.5	
340.5	13,916.1	12,311.8	448.7	535.9	218.2	401.5	
455.6	15,225.3	13,327.4	534.5	676.8	240.2	446.4	
435.2	18,113.9	16,430.7	489.7	711.6	174.4	307.5	

Table 16.12 - Financial Condition of the Government Service  
 Insurance System FY 1970-1971 to CY 1986  
 (in million pesos) Continued

Year	Total	Surplus				Employees Compen- sation insurance fund
		Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	
FY 1970-1971	51.6	38.1	-	13.5	-	-
FY 1971-1972	63.8	54.3	-	9.5	-	-
FY 1972-1973	79.1	46.3	-	23.6	9.2	-
FY 1973-1974	104.7	29.5	-	57.6	17.6	-
FY 1974-1975	133.5	29.2	-	80.2	14.2	9.9
CY 1976	472.7	240.8	-	177.6	(10.3)	64.6
CY 1977	551.2	252.7	-	207.0	(21.6)	113.1
CY 1978	439.2	271.1	10.7	31.8	(34.7)	160.3
CY 1979	543.7 <sup>6</sup>	218.9	57.4	66.6	(12.5)	213.3
CY 1980	672.1 <sup>6</sup>	250.1	74.0	121.0	(12.7)	239.7
CY 1981	782.5 <sup>6</sup>	291.7	120.2	146.1	8.9	215.6
CY 1982	992.2 <sup>6</sup>	327.4	163.9	163.8	70.9	266.2
CY 1983	937.7 <sup>6</sup>	219.0	126.2	178.6	128.2	285.7
CY 1984	672.3 <sup>6</sup>	218.9	99.5	177.6	79.5	96.8
CY 1985	521.5 <sup>6</sup>	218.9	85.7	142.0	74.9	-
CY 1986	(562.0) <sup>6</sup>	(1,618.0)	224.8	534.6	195.1	101.5

Figure 16.4  
TOTAL ASSETS AND TOTAL LIABILITIES  
BY INSTITUTIONS: 1975 to 1986

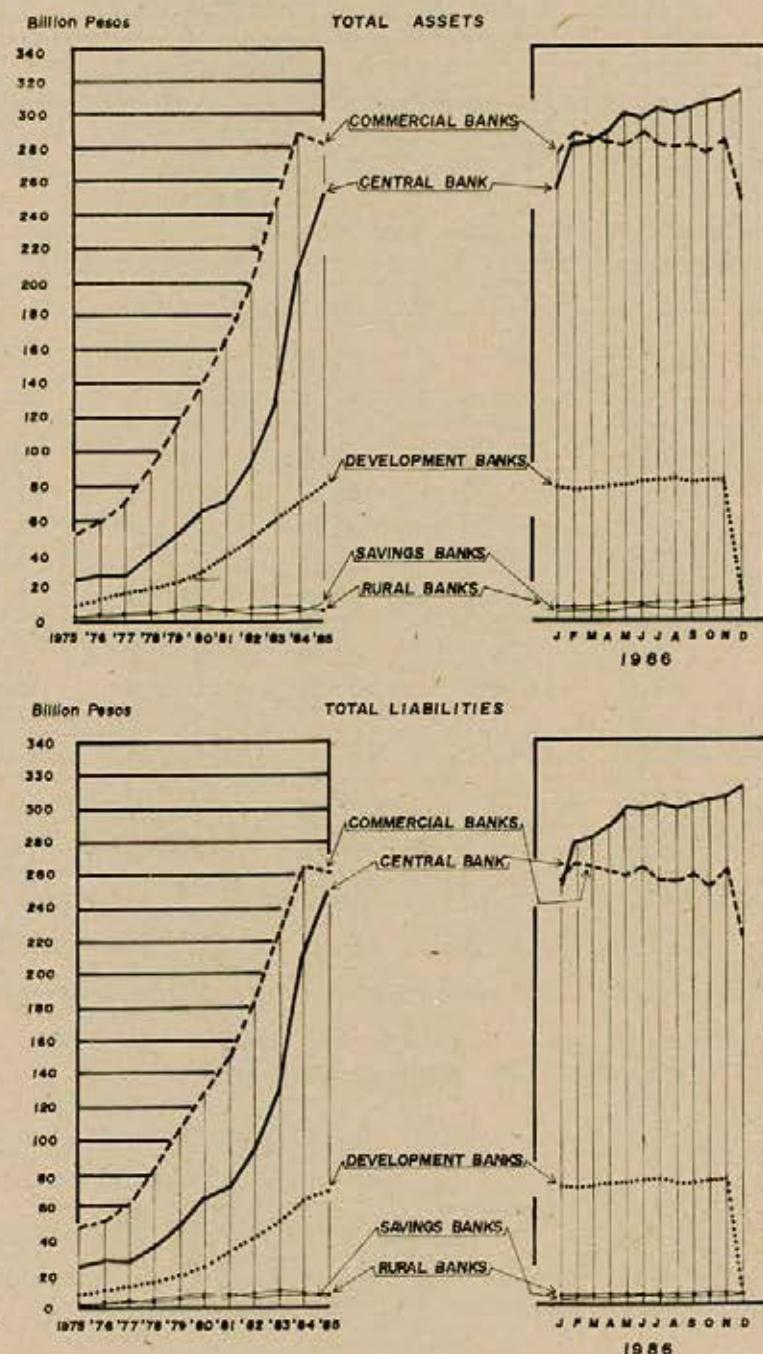


Table 16.13 - SOURCES AND APPLICATION OF FUNDS OF THE GOVERNMENT  
(In million)

Year	SOURCES					
	Receipts					
	Cash balance, beginning	Insurance premiums	Receivables	Repayments of investments	Interest	Others
FY 1970-71	(33.1)	386.5	38.9	522.0	80.4	183.1
FY 1971-72	(0.8)	483.8	92.6	476.6	109.7	177.8
FY 1972-73	(6.0)	520.8	59.5	433.3	124.9	194.8
FY 1973-74	16.6	530.2	48.8	530.2	159.2	256.1
FY 1974-75	(35.7)	632.2	42.6	818.1	225.6	118.6
CY 1976 <sup>1</sup>	(88.8)	212.6	10.6	115.0	11.2	512.5
CY 1977	(69.4)	915.3	64.8	685.7	41.0	226.4
CY 1978	(38.6)	1,159.0	80.4	579.6	27.1	381.4
CY 1979	(12.8)	1,425.9	163.6	1,129.1	58.2	249.2
CY 1980	64.0	1,548.8	189.4	1,041.2	128.3	171.1
CY 1981	148.1	1,842.2	414.1	1,634.8	218.4	130.8
CY 1982	3.9	2,015.3	276.8	1,500.9	224.0	176.2
CY 1983	8.6	2,175.6	301.0	2,198.2	139.7	455.3
CY 1984	31.0	2,403.1	30.2	2,205.1	136.9	255.0
CY 1985	46.1	2,537.0	330.8	2,202.1	168.1	302.1
CY 1986	(2.0)	2,587.2	462.7	2,922.0	212.0	593.7

<sup>1</sup> Period covered July 1 to December 31, 1976.

Source: Government Service Insurance System.

SERVICE INSURANCE SYSTEM: FY 1970-71 TO CY 1986  
 pesos)

APPLICATION

Disbursements

Total funds available	Claims & benefits payments	Investments	Operating expenses and other miscellaneous disbursements	Others	Total funds applied
1,177.8	224.1	602.7	195.4	156.4	1,178.6
1,339.7	254.9	642.6	141.7	447.2	1,486.4
1,327.3	398.9	672.1	74.3	165.6	1,310.9
1,541.1	427.2	847.8	108.9	192.9	1,576.8
1,801.4	411.3	866.6	142.8	427.3	1,848.0
773.1	235.4	507.2	25.2	74.7	842.5
1,863.8	467.5	974.1	99.7	361.1	1,902.4
2,188.9	668.5	1,147.2	-143.2	242.8	2,201.7
3,013.2	726.9	1,595.1	328.3	298.9	2,949.2
3,142.8	699.0	1,793.9	237.4	264.4	2,994.7
4,388.4	794.0	2,709.6	241.9	639.0	4,384.5
4,197.1	922.7	2,310.4	284.5	670.9	4,188.5
5,278.4	1,025.4	2,507.3	304.6	1,410.1	5,247.4
5,061.3	1,061.7	2,823.3	285.1	845.2	5,015.3
5,586.2	1,470.4	2,726.5	491.2	900.2	5,588.3
6,775.6	1,567.3	3,772.5	605.7	654.1	6,599.6

Table 16. 14 - TREND OF INVESTMENTS OF THE GOVERNMENT  
 SERVICE INSURANCE SYSTEM: FY 1955-56 TO CY 1986  
 (In million pesos)

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	Others <sup>1</sup>
FY 1955-56	209.4	33.5	18.7	54.0	89.2	14.0
FY 1960-61	505.6	89.3	36.9	202.7	138.5	38.2
FY 1965-66	1,123.2	172.2	75.7	559.5	290.0	25.8
FY 1970-71	2,005.3	393.3	177.9	1,076.6	334.0	23.5
FY 1971-72	2,352.9	368.1	202.5	1,343.5	346.1	92.7
FY 1972-73	2,567.7	346.2	229.3	1,517.1	338.0	137.1
FY 1973-74	2,819.1	353.9	255.3	1,673.3	393.0	143.6
FY 1974-75	2,935.5	390.1	280.8	1,745.5	430.6	88.5
CY 1976	3,851.6	500.5	332.8	2,335.4	638.4	44.5
CY 1977	4,324.8	546.9	365.6	2,477.7	890.3	44.3
CY 1978	4,868.4	651.5	414.3	1,958.1	1,276.5	568.0
CY 1979	5,564.5	802.1	477.8	1,916.2	1,714.4	654.0
CY 1980	6,443.2	938.5	561.6	1,987.2	2,132.5	823.4
CY 1981	7,859.2	1,202.7	632.7	1,844.6	2,935.2	1,244.0
CY 1982	9,323.9	1,416.0	736.4	1,109.6	3,744.2	2,317.7
CY 1983	9,903.4	1,516.6	820.6	996.8	3,525.0	3,044.4
CY 1984	10,899.3	1,803.6	913.4	908.6	4,250.5	3,023.2
CY 1985	11,857.7	1,945.3	1,027.3	820.1	4,839.9	3,225.1
CY 1986	12,746.6	2,439.6	1,120.9	679.3	5,458.8	3,048.0

<sup>1</sup> Includes educational assistance loans, backpay certificates,  
 Fly PAL Pay Later Plan and/or miscellaneous investments.  
 Source: Government Service Insurance System.

Table 16.15 - ASSETS, INVESTMENTS AND EARNINGS OF THE  
SOCIAL SECURITY SYSTEM: 1960 to 1986  
(In million pesos)

Year	Year-end assets	Annual increase	Year-end investments	Annual increase	Yearly earnings	Annual increase
1960	110.7	-	108.5	-	3.6	-
1965	471.8	33.63	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	25.34	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	11,832.8	18.82	11,538.3	18.81	1,270.4	25.34
1983	13,936.6	17.78	13,633.2	18.15	1,577.0	24.12
1984	17,155.9	23.10	16,449.0	20.65	2,572.9	63.15
1985	22,245.8	29.67	21,121.5	28.41	4,335.6	68.51
1986	26,155.1	17.57	25,290.7	19.74	3,961.4	(8.63)

Source: Social Security System.

Table 16.16-REVENUES OF THE SOCIAL SECURITY SYSTEM  
(In million)

Year	Total Revenue	Total Contributions <sup>1</sup>	Earnings		
			Total	SSS	Medicare
1960	50.1	45.9	3.6	3.6	-
1965	118.6	97.4	19.4	19.4	-
1970	236.8	168.8	66.4	66.4	-
1975	940.3	702.2	235.1	220.1	12.8
1976	1,165.0	839.7	308.0	284.3	13.8
1977	1,380.3	952.9	411.5	378.4	14.8
1978	1,641.1	1,104.6	518.5	473.4	16.9
1979	2,118.0	1,445.4	649.9	583.7	22.9
1980	2,526.5	1,617.7	887.3	779.5	38.3
1981	2,969.0	1,785.9	1,170.6	1,013.6	60.5
1982	3,410.6	1,900.3	1,486.4	1,270.5	84.0
1983	3,865.9	1,988.3	1,859.7	1,577.0	109.4
1984	5,156.0	2,112.2	3,029.4	2,572.9	188.0
1985	7,437.7	2,187.3	5,236.4	4,335.6	365.1
1986	6,808.6	2,221.4	4,815.5	3,961.4	355.8

<sup>1</sup>See Table 12.4 for breakdown by type of fund.  
Source: Social Security System.

BY SOURCE: 1960 to 1986  
(pesos)

Others				
Employee's Compen- sation	Total	SSS	Medicare	Employee's Compen- sation
-	0.6	0.6	-	-
-	1.8	1.8	-	-
-	1.6	1.6	-	-
2.2	3.0	3.0	-	-
9.9	17.3	17.2		0.1
18.3	15.9	14.3	0.6	1.0
28.2	18.0	16.8		1.2
43.3	22.7	21.5	0.3	0.9
69.5	21.5	19.4	1.1	1.0
96.5	12.5	11.2	0.7	0.6
131.9	23.9	20.7	1.5	1.7
173.3	17.9	14.6	2.2	1.1
268.5	14.4	12.0	1.5	0.9
535.7	14.0	11.8	1.4	0.8
498.3	12.9	10.7	1.4	0.8

Table 16.17 - EXPENDITURES OF THE SOCIAL SECURITY SYSTEM  
BY SOURCE: 1960 TO 1986  
(In million pesos)

Year	Total expenditures	Total benefit payments <sup>1</sup>	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	73.4	49.0	24.4	24.4	-	-
1975	336.0	278.8	57.2	53.6	3.0	0.6
1976	402.0	335.4	66.6	60.9	3.8	1.9
1977	399.8	337.0	62.8	55.7	4.4	2.7
1978	553.1	478.8	74.3	69.4	3.2	1.7
1979	665.5	576.7	88.8	83.2	3.6	2.0
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	1,129.3	1,016.2	113.1	100.6	7.1	5.4
1983	1,299.2	1,173.8	125.4	112.4	7.3	5.7
1984	1,479.8	1,315.3	164.5	143.4	8.9	12.2
1985	1,691.4	1,530.8	160.6	141.1	9.1	10.4
1986	2,031.3	1,829.5	201.8	161.7	27.3	12.8

<sup>1</sup> See Table 12.5 for breakdown by type of fund.  
Source: Social Security System.

Table 16.18 - TOTAL RESOURCES AND LOANS GRANTED BY THE  
 PHILIPPINE NATIONAL BANK : 1950 to 1986  
 (In million pesos)

Year	Total resources	Loans granted				
		Agricultural	Industrial	Commercial	Others	Total
1950	439	119	158	59	4	340
1955	692	134	201	95	14	444
1960	838	177	223	112	6	518
1965	2,391	387	158	718	339	1,602
1970	4,444	553	133	644	500	1,830
1971	4,231	672	154	702	465	1,993
1972	4,638	585	278	482	765	2,110
1973	7,348	901	991	1,386	504	3,782
1974	12,493	1,954	2,402	3,005	2,699	10,060
1975	18,130	2,182	5,885	8,281	2,206	18,554
1976	18,482	1,783	3,257	8,420	1,438	14,898
1977	19,238	1,181	2,988	8,412	1,518	14,099
1978	23,327	1,021	5,306	6,599	3,872	16,798
1979	30,807	2,106	3,941	9,413	5,922	21,382
1980	38,652	2,315	5,556	9,735	11,724	29,330
1981	44,866	2,470	3,125	13,623	8,753	27,971
1982	58,080	3,226	3,900	15,503	11,337	33,966
1983	70,502	3,189	3,245	22,344	12,623	41,401
1984	87,196	1,918	1,930	22,256	11,931	38,035
1985	76,157	1,141	1,208	12,614	5,233	20,196
1986	35,022	554	4,741	5,875	13,448	24,618

Source: Philippine National Bank.

Table 16.19 - REVENUES, EXPENDITURES AND TRUST FUND GENERATED  
1970 to  
(In million)

Year	Revenues					
	Total	SSS	Medicare	Employees'	Total	SSS
				Compen- sation		
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	1,165.0	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	1,479.8	1,160.3
1985	7,437.7	6,006.1	699.3	732.3	1,691.4	1,339.8
1986	6,808.6	5,660.1	692.3	456.2	2,031.3	1,631.7

I Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

FROM THE OPERATIONS OF THE SOCIAL SECURITY SYSTEM  
 1986  
 pesos)

Expenditures

Trust Fund<sup>1</sup>

Medicare	Employees' Compen- sation	Total	SSS	Medicare	Employees' Compen- sation
-	-	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	1,452.5	1,233.0	75.8	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
248.3	71.2	3,676.2	3,007.4	283.8	385.0
273.6	78.0	5,746.3	4,666.3	425.7	654.3
306.4	93.2	5,018.4	4,028.4	386.0	604.0

Table 16.20 - INVESTMENTS PORTFOLIO OF THE  
(In million

Year	Total			
	Total	Government securities	Housing loans	
1965	428.8	428.8	194.5	135.5
1970	755.5	755.5	435.3	119.6
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	4,729.6	4,348.1	2,812.7	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	16,839.8	9,710.8	7,129.0	1,758.1
1982	13,308.3	11,538.5	8,409.0	1,938.6
1983	15,880.1	13,633.2	10,118.5	2,192.4
1984	19,296.7	16,449.0	11,619.7	2,548.4
1985	24,963.3	21,121.5	15,621.7	3,039.1
1986	30,172.2	25,290.7	19,610.6	3,505.1

<sup>1</sup>Investments are all in government securities.  
Source: Social Security System.

SOCIAL SECURITY SYSTEM: 1965 to 1986  
 pesos)

Social Security System

Salary/ educational loans	Other service loans	Private securities	Medicare	Employees' compen- sation <sup>1</sup>
19.1	-	79.7	-	-
115.1	6.9	78.6	-	-
130.6	10.2	73.5	-	-
133.8	12.4	78.8	48.1	-
164.6	15.0	95.0	123.9	-
209.1	15.2	130.5	127.5	-
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	389.4	652.8	1,117.0
810.5	49.0	462.8	838.4	1,408.5
1,056.3	99.7	1,124.9	1,105.4	1,742.3
1,205.9	102.3	1,152.5	1,492.0	2,349.8
1,259.1	105.2	810.7	1,898.9	2,982.6

Table 16.21 - STATEMENT OF LOANS AND EQUITIES APPROVED AND TOTAL  
 FY 1955-56  
 (Amount in million pesos;

Year	Total	Agricul- tural loans	Indus- trial loans	Real estate loans	Govern- ment loans
FY 1955-56	81.4	26.6	19.9	27.1	5.7
FY 1960-61	219.8	42.4	155.6	6.5	5.2
FY 1965-66	115.3	42.1	42.1	7.5	8.8
FY 1970-71	51.9	24.2	8.9	9.0	1.6
FY 1974-75	2,642.7	550.5	750.0	1,057.4	34.2
FY 1975-76	2,561.5	840.9	1,080.4	448.0	57.1
CY 1976	2,577.5	773.8	1,000.8	549.0	48.5
CY 1977	3,068.9	536.1	1,847.8	268.9	79.6
CY 1978	3,443.5	508.5	1,907.7	493.6	72.1
CY 1979	5,874.7	701.4	3,053.0	499.2	130.2
CY 1980	6,631.9	648.3	3,564.4	1,050.7	41.8
CY 1981	9,537.4	793.4	4,701.0	1,018.4	92.3
CY 1982	7,791.2	626.3	3,000.4	1,001.8 <sup>1</sup>	93.0
CY 1983	5,602.8	109.4	2,939.5	1,069.7 <sup>1</sup>	59.1
CY 1984	9,332.8	94.8	934.8	758.2	-
CY 1985	169.3	62.1	23.6	77.4	-

<sup>1</sup>Includes foreign currency loan.

Source: Development Bank of the Philippines.

RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES:  
TO CY 1985  
annual increase in percent)

Educa- tional assist- ance loans	Subscrip- tions to capital stocks/ rural banks	Advances and subs- criptions to capital stock private development banks	Financial rehabili- tation	Equities and other investments loans	Bank resources
0.5	1.6	-	-	-	352.7
-	5.6	4.5	-	-	510.6
-	5.4	9.4	-	-	1,208.7
-	1.9	6.3	-	-	3,276.5
-	9.8	29.0	-	211.8	7,837.9
-	10.9	39.8	-	84.4	11,087.7
-	8.3	45.3	-	151.8	12,607.3
1.7	6.4	62.6	-	265.8	15,605.5
2.3	-	57.5	-	401.8	18,024.5
3.9	-	97.3	39.5	1,350.2	21,893.0
4.5	-	151.1	-	1,171.1	27,086.2
4.2	-	184.3	-	2,743.8	34,706.8
7.0	11.4	220.2	-	2,831.1	43,988.5
6.3	5.6	158.0	-	1,255.2	54,934.0
5.8	0.9	42.5	-	7,495.8	65,459.6
6.2	-	-	-	-	72,043.0

## CHAPTER 17

### INTERNATIONAL STATISTICS

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## CHAPTER 17

# 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 the others.

Selected international statistics presented in this chapter pertain to growth of world output, volume of world trade, balance of payments summary, countries' official reserves and official exchange rates. Annual Reports of the International Monetary Fund are the main sources of these data.

Other statistical data include selected characteristics of some eighteen countries. For the countries selected here, available information relate to population, index numbers of agricultural production, sugar production, gross domestic product by kind of economic activity, hospital establishments and health personnel, selected housing characteristics and education. Of these eighteen countries, nine come from the Asian continent. The United Nations Statistical Yearbook is the source of items of information.

For purposes of comparison on aspects of the Philippine economy with those of its neighbors, statistics of 27 selected developing countries of Asia and the Pacific are shown in 12 tables of this chapter. These data relate to production of rice (paddy) and corn, general index numbers of manufacturing production, changes in consumer prices, merchandise exports and imports of petroleum products, term of trade, international reserves, changes in foreign exchange rates and daily per capita calorie and protein supply. Some indicators of social development are also included. The main source of these data is the Key Indicators of Developing Member Countries, published by the Asian Development Bank.

Table 17.1 - POPULATION IN

Latest census (thousands)

Country	Date	Both sexes	Male	Female
Canada <sup>1</sup>	3-VI-81	24,343	12,068	12,275
United States of America <sup>2</sup>	1-IV-80	226,545	110,053	116,492
France <sup>4,5</sup>	4-III-82	54,335	...	...
Germany, Federal Republic of <sup>1</sup>	27-V-70	60,651	28,867	31,784
Netherlands <sup>1</sup>	28-II-71	13,060	...	...
Spain <sup>7</sup>	28-II-81	37,746	18,530	19,216
United Kingdom <sup>8</sup>	5-IV-81	55,671	27,030	28,648
Union of Soviet Socialist Republic	17-I-79	262,436	122,329	140,107
China	I-VIII-82	1,031,883 <sup>9</sup>	...	...
India <sup>10</sup>	I-III-81	685,185	...	...
Indonesia	31-X-80	147,490	73,333	74,157
Japan <sup>11</sup>	I-X-80	117,057	57,593	59,464
Korea, Republic of <sup>12</sup>	I-X-80	37,436	18,767	18,669
Malaysia	I0-VI-80	13,700	...	...
Pakistan <sup>13</sup>	I-III-81	84,254	44,233	40,021
Philippines <sup>1</sup>	I-V-80	48,098	24,129	23,969
Singapore <sup>15</sup>	24-VI-80	2,414	1,232	1,182
Thailand <sup>1,16</sup>	I-IV-80	44,824	22,309	22,495
Egypt <sup>17</sup>	XI-76	36,626	18,647	17,979
Australia <sup>18</sup>	30-VI-81	14,576	7,267	7,309

<sup>4</sup> Estimates of questionable reliability.<sup>5</sup> United Nations estimates.<sup>1</sup> Population is de jure.<sup>2</sup> Population is de jure but excludes civilian citizens absent from country for extended period of time. Census figures also exclude armed forces overseas.<sup>3</sup> Excluding Overseas Departments, namely French Guiana, Guadeloupe, Martinique and Reunion.<sup>4</sup> Population is de jure, but excludes diplomatic personnel outside the country and includes foreign diplomatic personnel no living in embassies or consulates.<sup>5</sup> Excluding military personnel stationed outside the country who do not have a personal residence in France.<sup>6</sup> Estimates not revised in accordance with latest census.<sup>7</sup> Continental Spain which includes the Balearic and Canary Islands; also including Alhucemas, Ceuta, Chafarinas, Mellila and Penon de Velez de la Gomera.<sup>8</sup> Excluding Channel Islands and Isle of Man.<sup>9</sup> Population registered. Figure for "Both sexes" includes an estimate of 7,591,298 for Taiwan Province and 8,397,477 for persons living in outlying areas where local registration offices were not established. No adjustment has been made for 0.1 percent estimated net underenumeration.

## SELECTED COUNTRIES

## Midyear estimates

1970 (thousands)	1984 (thousands)	1980 (thousands)	Annual rate of increase (percent) 1980-1983	Area (km <sup>2</sup> ) 1983	Density 1983
21,324	25,150	24,043	1.1	9,976,139	3
204,878	236,681	227,704	1.0	9,372,614	25
50,768	54,935	53,714	0.6	547,026	100
60,714 <sup>6</sup>	61,181	61,561	(0.2)	248,577	246
13,032	14,420	14,144	0.5	40,844	353
33,779	38,717	37,430	0.8	504,782	77
55,416	55,624	55,945	(0.1)	244,046	228
242,767	295,000	265,542	0.9	22,402,200	12
771,849 <sup>1,3</sup> ,1,051,551	1,002,503		1.2	9,596,961	110
539,075 <sup>9</sup>	746,742	663,596	(2.6)	3,287,590	227
119,467 <sup>1,u</sup>	159,895	146,362	2.2	1,904,569	84
104,345	120,018	116,807	0.7	377,708	318
32,241 <sup>9</sup>	40,598	38,124	1.6	98,484	412
10,390 <sup>9</sup>	15,204	13,870	2.3	329,749	46
60,607 <sup>9</sup>	93,286	82,581	3.1	796,095	117
36,684	53,351	48,098	2.6	300,000	178
2,075	2,529	2,414	1.2	581	4,353
36,370	50,396	46,455	2.1	514,000	98
33,329	45,657	42,289	1.9	1,001,449	46
12,507	15,544	14,695	1.4	7,686,848	2

<sup>10</sup>Including, Andaman, Nocobar, Laccadive, Minicoy and Amindivi Islands; also including Jammu and Kashmir, the final status of which has not yet been determined.

<sup>11</sup>Comprising Hokkaido, Honshu, Shikoku, Kyushu. Population excludes diplomatic personnel outside the country and foreign military and civilian personnel and their dependents stationed in the area.

<sup>12</sup>Excluding alien armed forces, civilian aliens employed by armed forces, foreign diplomatic personnel and their dependents and Korean diplomatic personnel and their dependents stationed outside the country.

<sup>13</sup>Excluding transients afloat and persons residing in institutions (numbering 94,200 for both sexes).

<sup>14</sup>Data are for territory excluding Jammu and Kashmir, the final status of which has not yet been determined (total area 222,802 Km of which 83,807 km is held by Pakistan); data also excludes Junagardh, Manavadar, Gilgit and Baltistan.

<sup>15</sup>Population excludes transients afloat and non-locally domiciled military and civilian personnel and their dependents, numbering 5,554 and 8,985, respectively at 1980 census.

<sup>16</sup>Census results exclude and mid-year estimates include adjustments for underenumeration.

<sup>17</sup>Inhabited and cultivated territory accounts for 35,580 Km ; corresponding density is 1,186.

<sup>18</sup>Population excludes armed forces stationed outside the country.  
Source: United Nations, 1983/84 Statistical Yearbook.

Table 17.2 - ESTIMATES OF URBAN AND RURAL POPULATION IN

Country	1950	1960	Urban population <sup>1</sup> (thousands)			
			1965	1970	1975	1980
WORLD <sup>3</sup>	698,038	982,023	1,156,692	1,354,344	1,592,289	1,871,859
Canada	8,333	12,259	14,333	16,336	18,452	20,736
United States of America	97,458	126,101	140,124	152,742	167,039	183,581
France	23,124	28,471	32,294	35,757	38,995	42,370
Germany, Federal Republic of <sup>4</sup>	33,924	40,663	44,823	47,534	49,871	51,986
Netherlands <sup>5</sup>	7,342	8,663	9,632	10,512	11,423	12,378
Spain	10,360	13,089	14,634	16,430	18,310	20,294
United Kingdom <sup>7</sup>	39,227	41,156	43,428	45,205	47,204	49,402
Union of Soviet Socialist Republic	71,210	106,018	123,211	138,568	155,179	173,756
China	63,507	122,271	155,776	197,162	246,547	304,832
India	61,555	77,534	91,442	108,964	134,236	164,198
Indonesia	9,915	13,729	16,722	20,941	26,242	32,618
Japan <sup>8,9</sup>	29,654	40,917	47,418	55,653	64,939	74,685
Korea, Republic of	3,750	6,997	9,346	12,175	15,639	19,854
Malaysia	1,374	2,590	3,440	4,439	5,707	7,250
Pakistan <sup>10</sup>	7,620	11,880	14,994	19,193	...	...
Philippines	5,575	8,195	10,339	12,992	16,453	20,847
Singapore <sup>11</sup>	587	1,066	1,438	1,700	1,985	2,295
Thailand	2,060	3,296	4,182	5,351	6,842	8,686
Egypt	6,518	9,781	11,942	14,617	17,971	22,080
Australia	6,329	8,399	9,411	10,555	11,909	13,420

<sup>1</sup> Estimates of questionable or unknown reliability.<sup>2</sup> As nationally defined at least censuses whatever applicable or as otherwise indicated.<sup>3</sup> Obtained by subtraction of urban population from total projected population.<sup>4</sup> Not adjusted to take into the account the discrepancies between international immigration and emigration data.<sup>5</sup> As defined in 1950 Census i.e. communes or 2,000 or more inhabitants.  
Urban population not explicitly defined at the latest census.<sup>6</sup> Urban population includes semi-urban population.<sup>7</sup> Including Alhucemas, Ceuta, Chafarinas, Mellila, and Penon de vlez de la Gomera.<sup>8</sup> For 1950 and 1960 estimates see Kingsley Davis; World Urbanization 1950-1970  
Vol. 1 (Berkeley: Institute of International Studies, University of California  
1969).<sup>9</sup> Urban population defined as that of Densely Inhabited Districts (DID).<sup>10</sup> Including data for Ryuku Islands.<sup>11</sup> Including data for Bangladesh.<sup>12</sup> Urban population defined as city area of Singapore.

Source: United Nations 1972 Statistical Yearbook.

SELECTED COUNTRIES:<sup>a</sup> 1950, 1960, 1965, 1970, 1975, 1980, AND 1985

1985	1950	1960	Rural population (thousands) <sup>2</sup>					1980	1985
			1965	1970	1975	1980	1985		
2,194,506	1,786,680	1,999,598	2,132,307	2,280,840	2,436,259	2,595,465	2,753,757		
23,081	5,404	5,650	5,311	5,090	4,832	4,563	4,267		
201,891	54,813	54,583	54,468	53,297	52,326	51,631	50,980		
45,787	18,612	17,213	16,478	15,386	14,143	12,450	11,791		
54,116	13,923	12,561	12,016	11,045	10,041	9,068	8,177		
13,377	2,772	2,817	2,660	2,456	2,273	2,090	1,916		
22,394	17,648	17,368	17,128	16,967	16,678	16,298	15,855		
51,928	11,389	11,403	11,167	10,784	10,449	10,147	9,897		
193,788	108,865	108,220	107,345	104,044	100,405	96,878	93,094		
372,833	476,836	524,286	551,667	576,492	594,915	606,491	611,160		
199,052	297,695	355,216	395,208	455,613	498,297	553,182	609,514		
40,114	66,785	80,477	88,957	101,153	115,096	129,875	144,974		
83,807	53,971	53,179	51,463	48,858	46,107	42,857	38,828		
24,861	16,606	17,698	19,031	19,932	20,573	20,977	21,082		
9,061	4,731	5,523	5,981	6,347	6,734	7,092	7,381		
...	69,000	88,497	101,336	117,705	...	...	...		
26,152	14,741	19,215	22,016	25,122	28,894	33,248	37,871		
2,638	345	568	427	405	378	350	321		
10,921	17,575	23,096	26,562	30,810	35,708	41,089	46,811		
26,876	13,943	16,051	17,557	19,255	21,212	23,352	25,462		
15,056	1,890	1,916	1,916	1,959	1,953	1,945	1,929		

Table 17.3 - SELECTED INDICATORS OF

Country	Economically active population (%)		Economically active population, in agri./econ. active Pop'n. (%)		Cropped land per capita (ha)	
	1970	1980	1970	1980	1970	1980
Afghanistan	35.1	33.5	81.7	77.8	0.66	0.50
Bangladesh	34.6	34.1	85.9	83.8	0.13	0.10
Bhutan	49.9	48.3	94.3	93.4	0.19	0.07
Burma	42.9	39.9	59.6	51.8	0.37	0.28
Cambodia	40.4	38.4	78.2	74.0	0.44	0.45
China, Rep. of	...	...	...	...	...	...
Cook Islands	49.3	...	34.1	...	0.50	0.34
Fiji	29.0	33.3	47.5	40.1	0.43	0.37
Hongkong	41.1	46.8	4.3	2.5	0.00	0.00
India	40.2	38.3	69.3	63.2	0.30	0.25
Indonesia	35.3 <sup>d</sup>	34.2	66.3 <sup>d</sup>	58.9	0.15	0.13
Kiribati	30.7 <sup>d</sup>	...	42.1 <sup>d</sup>	...	0.73	0.62
Korea, Rep. of	35.0	38.2	51.0	38.6	0.07	0.06
Lao PDR	50.5	47.4	78.8	73.8	0.32	0.24
Malaysia	33.8	34.0	55.5	47.8	0.53	0.31
Maldives	...	47.2	...	49.7	0.03	0.02
Nepal	48.7	47.5	93.9	92.6	0.17	0.16
Pakistan	28.7	27.1	58.8	53.5	0.29	0.23
Papua New Guinea	52.0	49.6	85.9	82.3	0.14	0.12
Philippines	36.6	34.5	53.2	46.0	0.19	0.24
Singapore	35.0	40.0	3.4	2.2	0.01	0.00
Solomon Islands	...	...	...	...	0.94	0.23
Sri Lanka	33.5	34.8	55.1	53.2	0.16	0.14
Taipei, China	31.7	45.0	44.4 <sup>b</sup>	28.3 <sup>b</sup>	0.11	0.08
Thailand	46.6	44.8	79.9	75.4	0.38	0.39
Tonga	...	...	...	...	0.62	0.55
Vanuatu	...	...	...	...	1.10	0.81
Vietnam	48.0	45.6	76.4	70.6	0.12	0.11
Western Samoa	25.8	...	66.9	...	0.45	0.78

<sup>a</sup>Data for 1970 refer to any year between 1968-1973 and for 1980 between 1976-1982.

<sup>b</sup>Including Tuvalu (formerly Ellice Islands).

<sup>c</sup>Peninsular Malaysia only.

<sup>d</sup>Government hospital beds only.

<sup>e</sup>Including radio licenses.

<sup>f</sup>Percentage share of gainfully employed persons, 15 years and over, in agriculture, forestry and fishing.

Source: Key indicators of Developing Member Countries of ADB, Volume XVII, July 1986.

SOCIAL DEVELOPMENT<sup>a</sup>

Gross primary school enrollment ratio (%)	1970	1980	TV receivers (sets per 1,000 persons)		Daily newspaper circulation (copies per 1,000 persons)		Per capita energy consumption (Kg. coal equiv.)	
			1970	1980	1970	1980	1970	1980
28	34	...	3	8	4	50	52	
52	62	...	1	...	6	0	44	
7	21	...	...	...	...	2	3	
87	84	...	...	15	10	59	62	
38	...	...	...	...	...	60	4	
110	118	1	27	...	33	374	571	
...	98	...	...	48	...	190	526	
101	109	...	...	31	87	450	546	
117	109	12	221	501	309	956	1,448	
73	79	...	2	16	19	138	202	
77 <sup>d</sup>	100	1	10	...	18	115	230	
112	100	...	...	...	...	204	207	
102	101	13	168	136	173	654	1,373	
54	97	...	...	5	2	90	55	
88 <sup>e</sup>	95 <sup>e</sup>	22 <sup>e</sup>	90 <sup>e</sup>	75 <sup>e</sup>	174 <sup>e</sup>	558 <sup>e</sup>	882 <sup>e</sup>	
...	61	...	6	...	...	0	39	
26	91	...	...	2	7	14	13	
40	56	2	10	...	14	82	191	
52	65	...	...	...	6	149	279	
108	110	11	21	14	21	267	346	
81	85	76	165	200	255	1,260	3,711	
61	60	...	...	...	...	117	208	
99	100	...	2	20	27	121	110	
98	100	35	226	...	...	...	...	
83	96	7	17	23	43	183	372	
140	77	...	...	...	...	141	198	
...	...	...	...	...	...	221	246	
91	113	27	26	...	9	297	122	
75	80	1	16	55	...	112	306	

Table 17.3 - SELECTED INDICATORS OF

Country	Urban population (%)		0-14		15-64	
	1970	1980	1970	1980	1970	1980
Afghanistan	11.0	15.0	43.2	44.6	54.2	52.9
Bangladesh	7.6	11.0	46.2	41.3	51.1	55.9
Bhutan	3.1	4.0	41.7	39.2	55.1	56.2
Burma	22.8	27.0	40.3	41.0	56.3	55.4
Cambodia	13.0	...	...	...	...	...
China, Rep. of	...	20.6	37.6	30.9	57.2	63.3
Cook Islands	29.0	27.0	...	...	...	...
Fiji	34.8	41.4	43.5	35.6	54.0	60.9
Hongkong	89.7	90.0	37.0	27.7	59.0	65.8
India	19.8	22.0	42.7	39.3	54.1	57.6
Indonesia	17.1	20.0	44.0	40.9	53.4	55.7
Kiribati	29.7 <sup>d</sup>	36.0	...	41.1	...	55.3
Korea, Rep. of	41.1	57.3	42.1	34.0	54.5	62.0
Lao PDR	9.6	14.0	41.7	45.5	55.6	51.5
Malaysia	27.0	29.0	45.4	39.6	51.5	56.8
Maldives	11.3	20.7	44.3	44.6	53.7	53.2
Nepal	3.9	5.0	42.0	42.2	55.0	54.7
Pakistan	24.9	28.0	46.2	46.1	50.5	50.9
Papua New Guinea	11.0	18.0	42.0	41.8	54.9	54.9
Philippines	32.9	36.0	45.4	43.0	51.6	53.7
Singapore	100.0	100.0	38.8	27.1	57.9	68.2
Solomon Islands	9.3	23.2	44.6	47.8	51.9	48.7
Sri Lanka	21.9	27.0	39.0	39.0	56.8	56.8
Taipei, China	59.1	70.3	39.7	32.1	57.4	63.6
Thailand	13.2	14.0	46.2	40.4	50.7	56.3
Tonga	20.0	26.0	...	44.4	...	52.2
Vanuatu	15.1	32.2	...	45.1	...	51.5
Vietnam	18.3	19.0	...	41.7	...	54.3
Western Samoa	20.3	24.0	47.4	45.0	49.9	52.1

SOCIAL DEVELOPMENT<sup>a</sup> (continued)

65 & over	Expectation of life at birth (years)		Infant mortality (per 1,000 live births)		Persons per hospital bed	
	1970	1980	1970	1980	1970	1980
2.6	2.5	36	37	211	205	7,051 <sup>f</sup>
2.6	2.8	45	46	150	136	8,122 <sup>f</sup>
3.0	4.6	34	44	173	150	...
3.3	3.8	49	54	62	50	1,180
...	...	...	...	...	...	893
5.0	5.5	61	64	69	56	760
...	...	65	65	36	37	101
2.4	3.5	61	68	50	34	340
3.9	6.6	71	74	20	13	240
3.0	3.1	47	52	139	123	1,650
2.5	3.4	47	53	121	93	1,650 <sup>d</sup>
...	3.6	54	52	59	87	74
3.4	4.0	59	65	53	37	1,901
2.6	2.7	40	43	123	129	1,130
3.1	3.5	64 <sup>e</sup>	68 <sup>e</sup>	41 <sup>e</sup>	25 <sup>e</sup>	328 <sup>e</sup>
2.0	2.2	47	47	106	88	...
2.9	3.0	41	46	169	150	5,628
3.1	2.7	46	50	143	126	1,860
3.0	3.3	49	51	125	105	150
2.8	3.1	56	62	60	45	911 <sup>f</sup>
3.3	4.7	68	72	20	12	301 <sup>f</sup>
3.5	3.5	51	57	52	52	120
4.2	4.2	64	66	59	44	325
2.9	4.3	69	72	17	11	2,525
3.0	3.1	58	63	75	55	890
...	3.3	56	58	16	60	354
...	3.4	...	54	...	...	90
...	4.0	55	63	79	62	641
2.7	3.6	61	65	48	13	220
						230

Table 17.3 - SELECTED INDICATORS OF SOCIAL DEVELOPMENT<sup>a</sup> (continued)

Country	Persons per physician		Population with access to safe water (%)			
			Urban		Rural	
	1970	1980	1970	1980	1970	1980
Afghanistan	13,620	16,730	18.0	28.0	1.0	8.0
Bangladesh	8,556	10,955	13.0	26.0	47.0	40.0
Bhutan	...	18,160	...	50.0	...	5.0
Burma	8,830	4,656	35.0	38.0	13.0	15.0
Cambodia	15,297	...	...	...	...	...
China, Rep. of	3,690	1,810	...	85.0	...	40.0
Cook Islands	950	1,200	...	...	...	...
Fiji	2,120	2,230	78.0	94.0	15.0	66.0
Hongkong	1,520	1,387	92.5	100.0	48.8	95.0
India	4,890	3,600	60.0	77.0	6.0	31.0
Indonesia	26,510	11,530	10.0	41.0	1.0	18.0
Kiribati	2,000 <sup>d</sup>	3,070	...	...	...	...
Korea, Rep. of	1,773	1,493	84.0	86.0	38.0	61.0
Lao PDR	15,920	20,060	97.0	...	39.0	...
Malaysia	3,700 <sup>e</sup>	3,473 <sup>e</sup>	100.0	90.0	1.0	49.0
Maldives	30,250	17,670	...	11.0	...	3.0
Nepal	51,086	25,230	71.0	83.0	6.0	7.0
Pakistan	4,300	3,480	77.0	72.0	4.0	20.0
Papua New Guinea	11,630	16,880	48.5	55.0	10.0	10.0
Philippines	1,157	1,136	67.0	65.0	20.0	43.0
Singapore	1,522	1,222	96.0	100.0	...	...
Solomon Islands	4,420	7,130	...	91.0	...	20.0
Sri Lanka	6,475	7,172	46.0	65.0	14.0	18.0
Taipei, China	2,268 <sup>c</sup>	1,335 <sup>c</sup>	69.9	...	26.7	...
Thailand	8,430	6,839	60.0	65.0	10.0	63.0
Tonga	3,214	2,877	...	...	...	...
Vanuatu	3,310	3,550	...	65.0	...	53.0
Vietnam	8,782	4,190	...	...	...	32.1
Western Samoa	2,840	2,790	86.0	97.0	...	94.0

Table 17.4 - SELECTED HOUSING STATISTICS

Country	Census Year	Population living in house-holds (thousands)	Households		
			Number (thousands)	Ave. size (persons /hh)	Owner occupant (%) Renter (%)
Canada <sup>1</sup>	1981	8,063 <sup>2</sup>	...	63.7	36.3
United States of America <sup>3</sup>	1980	220,831 <sup>4</sup>	80,434	2.74	64.4 35.65
France	1978	53,277	18,641	2.8	46.6 43.0
Germany, Federal Republic of <sup>6</sup>	1972 <sup>7</sup>	59,505	22,264 <sup>8</sup>	2.7	33.5 66.5 <sup>8</sup>
Netherlands	1971	12,754	3,990	3.2	...
United Kingdom	1966	52,190	17,747	2.9	...
Union of Soviet Soc. Republic	1965	...	50,333 <sup>9,10</sup>	3.7 <sup>9,10</sup>	...
India <sup>11,10</sup>	1971	542,061	97,093	5.6	84.6 15.4 <sup>5</sup>
Indonesia <sup>3,8,13</sup>	1980	146,776	30,263	4.9	...
Japan	1975	...	32,140	3.5	57.8
Korea, Republic of	1975	34,091	6,754	5.1	63.6 33.1
Malaysia <sup>14</sup>	1970	...	23	5.5	...
Pakistan <sup>7,8</sup>	1980	...	...	78.3	7.7
Philippines	1980	48,316	8,607	5.6	80.3 <sup>12</sup> 12.4 <sup>12</sup>
Singapore	1980	2,399	510	4.7	55.0 <sup>12</sup> 39.6 <sup>12</sup>
Thailand	1963	...	...	85.9 <sup>12</sup>	7.9 <sup>15</sup>
Egypt	1976	...	6,985 <sup>P</sup>	5.2 <sup>P</sup>	...
Australia <sup>3</sup>	1971 <sup>16</sup>	12,155	3,671	3.3	67.3 <sup>17</sup> 27.3 <sup>17</sup>

<sup>1</sup> Excluding households in the Yukon and North-west Territories on Indian reserves; in trailers; in summer cottages boat, etc.

<sup>2</sup> Computed on total population including members of households outside Canada.

<sup>3</sup> A set of living quarters is defined in terms of the space occupied by a household.

<sup>4</sup> Data refer to occupants of housing units.

<sup>5</sup> Including households which occupy their accommodation rent free or as part of a work contract.

<sup>6</sup> Data refer to all dwellings in residential and occupied non-residential buildings which have a kitchen or kitchenette of their own except dwellings in basements, kitchens are included as rooms irrespective of size.

<sup>7</sup> Data based on results of sample survey.

<sup>8</sup> Data refer to households in housing units.

<sup>9</sup> Data are for 1969.

<sup>10</sup> Data refer to family households.

<sup>11</sup> Including Indian held part of Jammu and Kashmir the final status of which has not yet been determined.

<sup>12</sup> Data based on sample tabulation of census returns.

<sup>13</sup> Excluding rural population of West Irian.

<sup>14</sup> Peninsular Malaysia only.

<sup>15</sup> Data based on results of household expenditure survey and refer to families.

<sup>16</sup> Data refer to housing units.

<sup>17</sup> Data refer to households.

Source: United Nations, 1983/84 Statistical Yearbook.

Table 17.5 - EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES

Country	Level of education	Year	Enrollment	Teaching staff
Canada	Pre-primary	1982	400,219	194,522
	1st level <sup>1</sup>	1982	2,271,784	180,763
	2nd level	1982	2,321,381	...
	3rd level	1982	988,334	45,347
United State of America	Pre-primary <sup>3</sup>	1981	5,219,000	...
	1st level <sup>3</sup>	1981	27,794,000	2,390,000
	2nd level <sup>3</sup>	1981	14,643,000	2,390,000
	3rd level	1981	12,371,672	...
France	Pre-primary	1982	2,161,738 <sup>4</sup>	...
	1st level	1982	3,914,450	...
	2nd level	1982	4,458,456	...
	3rd level	1982	...	...
Germany, Federal Republic of	Pre-primary	1982	1,582,035	...
	1st level	1982	4,500,991	267,417
	2nd level	1982	4,254,046	307,179
	3rd level	1982	1,405,478	177,146
Netherlands	Pre-primary	1982	398,804	22,645
	1st level	1982	1,201,512	60,434
	2nd level	1982	1,440,242	...
	3rd level	1982	379,047	1,010
Spain	Pre-primary	1981	1,197,897	36,846
	1st level	1981	3,633,713	214,391
	2nd level	1981	4,039,580	...
	3rd level	1981	704,310	44,241
United Kingdom	Pre-primary	1981	315,335	...
	1st level	1981	4,688,572	250,510 <sup>5</sup>
	2nd level	1981	5,329,275	...
	3rd level	1981	848,000	...

Table 17.5 - EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES  
 (continued)

Country	Level of education	Year	Enrollment	Teaching staff
Union of Soviet Socialist Republics	Pre-primary	1982	10,891,000	1,170,000
	1st level	1982	22,660,000	2,338,000 <sup>2</sup>
	2nd level	1982	19,669,000	...
	3rd level	1982	5,315,200	375,600
China	Pre-primary	1982	11,130,900	415,200
	1st level	1982	139,720,400	5,504,600
	2nd level	1982	47,027,900	2,870,500
	3rd level	1982	1,175,238	286,908
India	Pre-primary	1980	918,238	...
	1st level	1980	72,687,840	1,345,376
	2nd level	1980	...	...
	3rd level	1979	5,345,580	277,468
Indonesia	Pre-primary	1982	1,141,215	42,688
	1st level	1982	27,990,275	971,893
	2nd level	1982	...	...
	3rd level	1982	616,117	74,470
Japan	Pre-primary	1982	2,228,000	...
	1st level	1982	11,901,000	475,000
	2nd level <sup>6</sup>	1982	10,011,340	553,684
	3rd level	1982	2,391,915	225,507
Korea, Republic of	Pre-primary	1983	206,404	6,421
	1st level	1983	5,257,164	126,163
	2nd level <sup>7</sup>	1983	4,571,459	128,967
	3rd level	1983	1,075,969	30,049
Malaysia	Pre-primary	1981	199,523	6,343
	1st level	1982	1,701,944	65,227
	2nd level	1982	977,613	47,207
	3rd level	1980	49,734	4,929

Table 17.5 - EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES  
(continued)

Country	Level of education	Year	Enrollment	Teaching staff
Philippines	Pre-primary	1982	159,633	3,774
	1st level	1982	8,591,267	272,134
	2nd level	1982	3,092,128	90,266
	3rd level	1981	1,335,889	44,506
Singapore	Pre-primary	1982	23,389	815
	1st level	1982	289,092	10,286
	2nd level	1982	187,148	10,231
	3rd level	1982	30,966	3,052
Thailand	Pre-primary	1981	379,400	...
	1st level	1981	7,449,219	333,351
	2nd level	1981	1,990,866	...
	3rd level	1982	1,056,809	...
Egypt	Pre-primary	1981	76,732	1,731
	1st level <sup>8</sup>	1981	4,748,414	141,562
	2nd level	1981	2,919,364	120,958
	3rd level	1981	...	...
Australia	Pre-primary	1982	158,188	...
	1st level	1982	1,659,734	...
	2nd level	1982	1,139,820	...
	3rd level	1982	337,953	19,377

<sup>1</sup> Revised data, not including "unclassified" pupils.

<sup>2</sup> Data on general education at the second level are included with the first level.

<sup>3</sup> Including special education.

<sup>4</sup> Public education only.

<sup>5</sup> Including pre-primary education.

<sup>6</sup> Including part-time pupils.

<sup>7</sup> Not including trade schools.

<sup>8</sup> Not including Al Azhar University.

Source: United Nations, 1983/84 Statistical Yearbook.

Figure 17.1  
CONSUMER PRICE INDEXES OF SELECTED DEVELOPING COUNTRIES OF ASIA AND THE PACIFIC: 1975 TO 1985

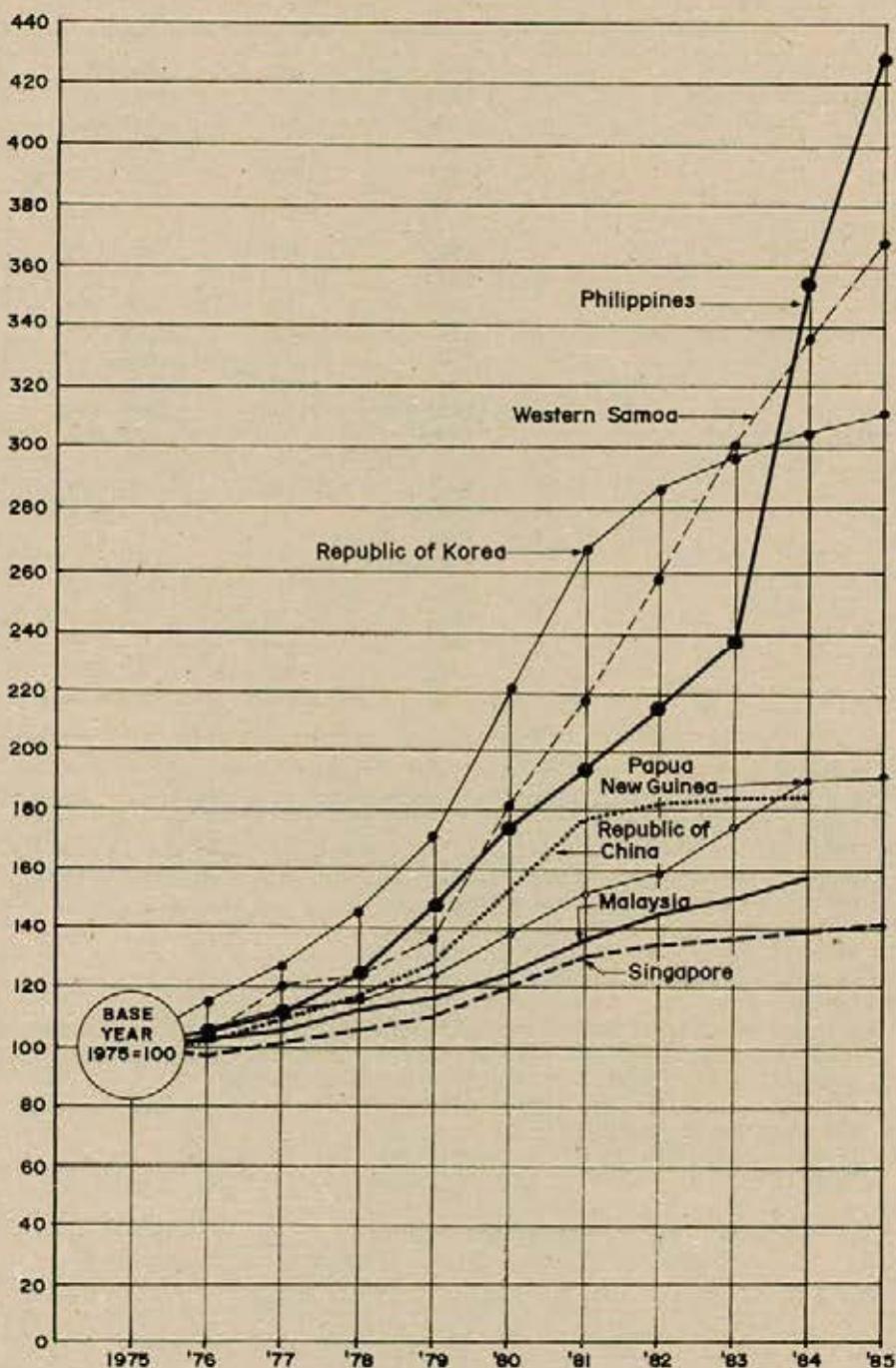


Table 17.6 - HOSPITAL ESTABLISHMENTS AND HEALTH PERSONNEL

Country	Year	Hospital establish- ments	Hospital beds	Population per bed
Canada	1978	1,226	182,791	129
United States of America	1980	7,051	1,333,360	171
France	1982	961	318,459	170
Germany, Federal Republic of	1982	3,189	695,603	89
Netherlands	1982	808	175,260 <sup>10</sup>	82
Spain	1981	1,054	189,738	198
United Kingdom:				
England and Wales	1981	1,937	351,505	...
North Ireland	1982	...	17,161	91
Scotland	1982	325	57,928	89
Union of Soviet Socialist Republic	1980	23,100	3,324,000	80
India	1981	25,452	1,066,161	634
Indonesia	1979	998	83,101	1,787
Japan	1982	9,403	1,405,999	84
Korea, Republic of	1981	...	63,804	607
Malaysia:				
Peninsular	1981	163	32,135	370
Sabah	1977	...	2,589	349
Sarawak	1978	...	2,666	448
Pakistan	1982	...	50,335	1,737
Philippines	1980	...	93,374	518
Singapore	1981	25	9,899	247
Thailand	1980	714	71,718	658
Egypt	1982	1,521	87,685	509
Australia	1981	1,142	94,931	157

<sup>1</sup>Data for midwifery personnel are included with nursing personnel.<sup>2</sup>Number of persons employed in a government service or in a service of the Ministry of Health only.<sup>3</sup>Number of registered persons, not all of them are resident and working in the country (deaths, retirements, emigrations, etc., are not always erased every year).<sup>4</sup>Including non-university level "dentists".<sup>5</sup>Coverage unknown.<sup>6</sup>Including aides.<sup>7</sup>Including 54,399 traditional birth attendants.<sup>8</sup>Incomplete data.<sup>9</sup>Stomatologist and adantologists who are post-graduate specialized physicians are included with physicians and not with dentists in the following countries; Austria, Belgium, Czechoslovakia, France, Italy, Portugal and Spain.<sup>10</sup>Excluding establishments for the chronically sick, convalescent and geriatric (302 in 1976 with 42,522 beds).<sup>11</sup>Officials figures communicated to the statistical Office of the United Nations.<sup>12</sup>Including dentists.

Source: United Nations, 1983/84 Statistical Yearbook.

## IN SELECTED COUNTRIES: LATEST AVAILABLE YEAR

Year	Physicians	Population per physician	Health personnel			
			Dentists	Pharmacists	Nursing personnel	Midwifery personnel
1979	43,192	548	1,000	16,052	...	...
1980	414,916	549	126,420 <sup>9</sup>	144,260	1,164,000	...
1982	113,000 <sup>9</sup>	480	31,790 <sup>9</sup>	42,498	407,602	8,610
1982	142,934	431	33,501	29,454	343,126	7,076
1982	28,037	510	5,970 <sup>9</sup>	1,601 <sup>3</sup>	85,300	947
1982	104,759 <sup>3,9</sup>	362	4,065 <sup>9</sup>	26,274 <sup>3</sup>	136,992	4,893
1982	...	...	...	12,040 <sup>2</sup>	206,030 <sup>2</sup>	17,570
1982	2,710	578	543	1,089 <sup>3</sup>	11,612 <sup>2</sup>	1,387
1982	9,598 <sup>2</sup>	539	7,979 <sup>2</sup>	469	54,742 <sup>2,6</sup>	2,733
1980	995,600 <sup>2</sup>	267	...	239,900	89,900 <sup>1</sup>	...
1981	268,712	2,545	8,648	155,621	150,339	217,981
1979	12,400	11,740 <sup>12</sup>	2,500	1,800	62,200	76,499
1982	161,260	735	55,680	99,326	560,108	25,416
1982	28,365	1,366	4,266 <sup>3</sup>	26,307 <sup>3</sup>	16,651 <sup>3</sup>	5,403
1982	4,234 <sup>2</sup>	...	863 <sup>2</sup>	626 <sup>2</sup>	27,518 <sup>2</sup>	12,412 <sup>11</sup>
1977	110	8,435	15	16	1,423 <sup>1</sup>	...
1979	154 <sup>3</sup>	7,927	122 <sup>3</sup>	...	959	1,242 <sup>3</sup>
1982	29,931 <sup>3</sup>	2,911	1,103	1,791 <sup>8</sup>	10,554	9,947 <sup>2</sup>
1981	7,373 <sup>2</sup>	6,713	1,090 <sup>2</sup>	539 <sup>2</sup>	9,644	9,470
1981	2,219	1,101	501 <sup>4</sup>	374	7,240	766
1980	6,867	6,870	1,224	2,650	20,494	22,219
1982	53,761 <sup>3</sup>	760	8,218 <sup>3</sup>	18,860 <sup>3</sup>	28,113	9,004 <sup>3</sup>
1981	28,500	524	6,200	9,800 <sup>5</sup>	106,600	5,900

Table 17.7 - INDUSTRIAL COUNTRIES: CHANGES IN OUTPUT AND PRICES, 1968 TO 1985  
(In percent)

	Average, 1968-77 <sup>2</sup>	From Preceding Year						
		1978	1979	1980	1981	1982	1983	1984
<b>Real GNP</b>								
Canada	4.7	3.6	3.2	4.0	3.3 (4.4)	3.3	5.0	4.5
United States	2.7	5.3	2.5 (0.2)	1.9 (2.5)	3.6	6.8	2.7	
Japan	6.5	5.2	5.3	4.8	3.7	3.1	3.2	5.1
France <sup>3</sup>	4.5	3.8	3.3	1.1	0.5	1.8	0.7	1.5
Germany, Fed. Republic of	3.7	3.3	4.0	1.5	- (1.0)	1.5	3.0	2.4
Italy <sup>3</sup>	3.8	2.7	4.9	3.9	0.2 (0.5)(0.2)	2.8	2.3	
United Kingdom <sup>3</sup>	2.3	3.8	2.2 (2.3)(1.3)	1.3	3.6	1.9	3.3	
Other industrial countries <sup>4</sup>	4.0	2.0	3.1	2.1	0.4	0.3	1.7	3.3
All industrial countries	3.6	4.2	3.3	1.2	1.4 (0.5)	2.6	4.7	3.0
of which,								
Seven major countries above	3.5	4.6	3.3	1.1	1.6 (0.6)	2.8	4.9	2.9
European countries	3.7	3.0	3.3	1.4 (0.1)	0.4	1.6	2.4	2.4
<b>GNP deflator</b>								
Canada	7.2	6.7	10.3	11.4	10.6	10.4	5.3	2.8
United States	6.2	7.3	8.8	9.1	9.6	6.5	3.7	4.2
Japan	8.3	4.8	3.0	3.8	3.2	1.9	0.8	1.3
France <sup>3</sup>	7.9	9.4	10.4	12.2	11.9	12.5	9.6	7.2
Germany, Fed. Republic of	5.3	4.3	4.0	4.8	4.0	4.4	3.2	1.8
Italy <sup>3</sup>	10.9	13.9	15.9	20.7	18.3	17.8	14.9	10.8
United Kingdom <sup>3</sup>	11.0	11.2	14.5	19.8	11.7	7.4	5.0	3.9
Other industrial countries <sup>4</sup>	8.5	9.6	7.7	9.1	9.3	9.7	7.2	6.6
All industrial countries	7.3	7.7	8.1	9.3	8.8	7.3	4.9	4.3
of which,								
Seven major countries above	7.1	7.3	8.2	9.3	8.7	6.9	4.5	4.0
European countries	8.2	8.9	9.0	11.1	9.8	9.4	7.2	5.6

<sup>1</sup> Composites for the country groups are averages of percentage changes for individual countries weighted by the average U.S. dollar value of their respective GNPs over the preceding three years.

<sup>2</sup> Compound annual rates of change.

<sup>3</sup> GDP at market prices.

<sup>4</sup> Average of expenditures, income, and output estimates of GDP at market prices.

Source: International Monetary Fund, Annual Report 1986.

Table 17.8 - DEVELOPING COUNTRIES: CHANGES IN CONSUMERS PRICES, 1968-1985  
(In percent)

	From Preceding Year								
Average	1968-77	1978	1979	1980	1981	1982	1983	1984	1985
<b>Weighted averages<sup>2</sup></b>									
Developing countries by region	15.2	18.7	21.5	27.1	26.1	24.4	33.0	37.9	39.6
Africa	10.2	16.9	16.7	16.4	22.0	11.4	19.3	20.0	13.1
Sub-Saharan Africa <sup>3</sup>	11.8	22.2	26.7	25.6	33.1	13.4	30.4	22.2	18.9
Asia	8.8	4.0	8.0	13.1	10.6	6.3	6.6	7.2	7.4
Europe	10	19.8	25.9	37.9	24.1	23.7	23.1	28.0	28.6
Middle East	9.8	12.6	11.7	16.8	15.2	12.7	12.3	14.7	11.7
Western Hemisphere	27.9	41.9	46.5	54.2	59.0	66.4	102.6	123.3	145.7
<b>Median</b>									
Developing countries by region	8.5	9.9	11.6	14.6	13.3	10.4	9.4	10.0	8.7
Africa	8.4	10.3	11.9	12.9	13.7	12.9	10.9	11.4	10.4
Sub-Saharan Africa <sup>3</sup>	8.6	10.3	12.5	13.5	13.5	13.1	11.2	12.0	10.3
Asia	6.9	5.9	7.5	13.9	12.5	7.6	8.1	7.2	5.3
Europe	8.0	9.9	14.3	16.2	15.7	19.0	13.8	13.4	13.0
Middle East	9.1	10.7	10.6	10.5	8.9	9.2	5.6	7.5	4.7
Western Hemisphere	9.8	10.4	14.9	18.1	14.7	9.2	8.8	11.9	15.0

<sup>1</sup> Compound annual rates of changes.

<sup>2</sup> Geometric averages of country indices weighted by the average U.S. dollar value of GDPs over the preceding three years.

<sup>3</sup> Excluding Nigeria and South Africa.

Source: International Monetary Fund, Annual Report 1986.

Table 17.9 - EXCHANGE RATES AND EXCHANGE ARRANGEMENTS:  
June 29, 1985

IMF member country (currency)	Exchange rate maintained against	Exchange rate <sup>1</sup>	Exchange rate otherwise determined <sup>2,3</sup>
Afghanistan (Afghani)	bskt		50.60
Algeria (dinar) <sup>4</sup>		5.0855	
Argentina (peso)			0.8005
Australia (dollar)			1.50263
Austria (schilling)	bskt	21.467	
Bahamas (dollar) <sup>4</sup>	\$	1.00	
Bahrain (dinar)			0.376
Bangladesh (taka) <sup>4</sup>	L	27.50	
Barbados (dollar)	\$	2.0113	
Belgium (franc) <sup>4</sup>			61.5475 <sup>5</sup>
Benin (franc)	F	50.00	
Bolivia (peso)	\$	67,000.00	
Botswana (pula)	\$	1.77066	
Brazil (cruzeiro) <sup>4</sup>			5,960.00 <sup>6</sup>
Burma (kyat)	SDR	8.5085	
Burundi (franc)	\$	122.7	
Cameroon (franc)	F	50.00	
Canada (dollar)			1.3587
Cape Verde (escudo)	bskt	93.4579	
Central African Empire (franc)	F	50.00	
Chad (franc)	F	50.00	
Chile (peso)			168.99
China, Rep. (new taiwan dollar)	\$	2.8779	
Columbia (peso) <sup>4</sup>			142.90 <sup>6</sup>
Comoros (franc)	F	50.00	
Congo (franc)	F	50.00	
Costa Rica (colon) <sup>4</sup>	\$		50.35
Cyprus (pound)	bskt	0.623636	
Denmark (pound)	\$		10.9525 <sup>5</sup>
Djibouti (franc)		177.721	
Dominica (east caribbean dollar) <sup>4</sup>	\$	2.70	
Dominican, Rep. (peso) <sup>4</sup>	\$	3.21	
Ecuador (sucre)	\$	67.715	
Egypt (pound) <sup>4</sup>	\$	0.70	
El Salvador (colon)	\$	4.46	

Table 17.9 - EXCHANGE RATES AND EXCHANGE ARRANGEMENTS: (continued)  
June 29, 1985

IMF member country (currency)	Exchange rate maintained against	Exchange rate <sup>1</sup>	Exchange rate otherwise, determined <sup>2,3</sup>
Equitorial Guinea (ekuele) <sup>7</sup>		50.00	
Ethiopia (birr) <sup>4</sup>		2.07	
Fiji (dollar)	bskt		1.17467
Finland (markka)	bskt	6.347	
France (franc)			9.317 <sup>5</sup>
Gabon (franc)	F	50.00	
Gambia, The (dalasi)	L	5.00	
Germany, Fed. Re. (deutsche mark)			2.5419
Ghana (cedi) <sup>4</sup>			2.75 <sup>5</sup>
Greece (drachma)			84.51
Grenada (East Caribbean dollar) <sup>4</sup>	\$	2.70	
Guatemala (quetzal)	\$	1.00	
Guinea (syli)	SDR	24.6853	
Guinea Bissau (peso)	SDR	163.641	
Guyana (dollar)	\$		4.30
Haiti (gourde)	\$	5.00	
Honduras (lempira)	\$	2.00	
Iceland (krona) <sup>4</sup>			41.85
India (rupee)			12.431472
Indonesia (rupiah)			1,118.00
Iran (rial) <sup>4</sup>			92.30
Iraq (dinar)			0.310857
Ireland (pound) <sup>4</sup>			0.976563 <sup>5</sup>
Israel (shekel)			1,262.4
Italy (lira) <sup>4</sup>			1,949.95
Ivory Coast (franc)	F	50.00	
Jamaica (dollar)	\$	5.62	
Japan (yen)			248.95
Jordan (dinar)	SDR	0.387747	
Kampuchea, Democratic (riely) <sup>7</sup>			
Kenya (shilling)	SDR	16.148906	
Korea (won)	\$		873.80
Kuwait (dinar)	bskt	0.3029	
Lao People's Demo. Rep. (new kip) <sup>4</sup>	kip	10.00	
Lebanon (pound)			15.65

Table 17.9 - EXCHANGE RATES AND EXCHANGE ARRANGEMENTS: (continued)  
 June 29, 1985

IMF member country A53..G104	Exchange rate maintained against	Exchange rate <sup>1</sup>	Exchange rate otherwise determined <sup>2,3</sup>
Lesotho (rand)	R	1.00 <sup>9</sup>	
Liberia (dollar)	\$	1.00	
Libya (dinar)	\$	0.296053	
Luxembourg (Franc) <sup>4</sup>			61.5475
Madagascar (Franc)	F	677.01	
Malawi (kwacha)	SDR	1.7693	
Malaysia (ringgit)	bskt	2.4907	
Maldives (rupee) <sup>4</sup>	\$	7.05	
Mali (franc)	F	100.00	
Malta (pound)	bskt		0.476644
Mauritania (onguiya)	bskt	80.25	
Mauritius (rupee) <sup>4</sup>	SDR	15.7667	
Mexico (peso)			227.59
Morocco (dirham) <sup>4</sup>	bskt	10.439	
Nepal (rupee)	\$	18.10	
Netherlands (guilder)			3.4465
New Zealand (dollar)			2.113271
Nicaragua (cordoba) <sup>4</sup>	\$	10.00	
Niger (franc)	F	50.00	
Nigeria (naira)			0.895095
Norway (krone)	bskt	8.799	
Oman (rial Omani)	\$	0.345395	
Pakistan (rupee)	\$		16.0078
Panama (balboa)	\$	1.00	
Papua New Guinea (kina)	bskt	1.0248	
Paraguay (gurani) <sup>4</sup>	\$	240.00	
Peru (sol) <sup>4</sup>			11,203.94 <sup>6</sup>
Philippines (peso)			18.42
Portugal (escudo) <sup>4</sup>			174,543 <sup>6</sup>
Qatar (riyal)			3.64
Romania (leu)	\$	12.47	
Rwanda (franc)	\$	102.71	
Sao Tome and Principe (dobra)	SDR	45.25	
Saudi Arabia (riyal)			3.645
Senegal (franc)	F	50.00	

Table 17.9 - EXCHANGE RATES AND EXCHANGE ARRANGEMENTS: (continued)  
 June 29, 1985

IMF member country (currency)	Exchange rate maintained against	Exchange rate <sup>1</sup>	Exchange rate otherwise determined <sup>2, 3</sup>
Sweden (krona)	Bskt	8.8035	
Syrian Arab Republic (pound)	\$	3.925	
Tanzania (Shilling)	Bskt	17.5513	
Thailand (baht)	Bskt	27.42	
Togo (franc)	F	50.00	
Trinidad and Tobago (dollar)	\$	2.406	
Tunisia (dinar)	Bskt	0.851387	
Turkey (lira) <sup>4</sup>			536.72
Uganda (shilling)			600.00
United Arab Emirates (dirham) <sup>8</sup>			3.671
United Kingdom (pound) <sup>4</sup>			0.772141
United States (dollar)			1.00
Uruguay (new peso) <sup>4</sup>			96.125
Vanuatu (vatu)		110.14	
Venezuela (bolivar)	SDR	7.50	
Viet Nam (dong) <sup>4</sup>	SDR	10.37883	
Western Samoa (tala)			2.28363
Yemen Arab Republic (rial)	\$	6.485	
Yemen, People's Dem. Rep. (dinar)	\$	0.345399	
Yugoslavia (dinar)	\$		287.87

<sup>1</sup> For further explanation of the classification of exchange rate arrangements, in particular for members that maintain dual exchange markets involving multiple exchange rate arrangements, see table 12. The exchange rate for the Dominican Republic is for the end of April.

<sup>2</sup> Rates as notified to the fund and in terms of domestic currency units per unit listed.

<sup>3</sup> Market rates in domestic currency units per U.S. dollar.

<sup>4</sup> All exchange rates have shown limited flexibility against the U.S. dollar.

<sup>5</sup> Belgium, Denmark, France, the Federal Republic of Germany, Ireland, Italy, Luxembourg, and the Netherlands are participating in the European Monetary System and maintain maximum margins of 2.25 per cent (for the Italian lira, 6 percent) for exchange rates in transactions in the official markets between their currencies and those of the other countries in this group.

<sup>6</sup> Per Indian rupee.

<sup>7</sup> Per pound sterling.

<sup>8</sup> Information not available.

<sup>9</sup> Per South African rand.

Source: International Monetary Fund, Annual Report 1985.

Table 17.10 - GLOBAL BALANCE OF PAYMENTS SUMMARY: 1979 TO 1982<sup>1</sup>  
 (In billion of U.S. dollars)

		Trade	Services and private trans- fers	Current account excluding official transfers	Capital Account Balance	Change in liabilities to foreign official agencies	Balance financed by changes in reserve assets
Industrial countries	1980	(66.3)	26.1	(40.2)	(50.1)	21.6	31.5
	1981	(19.1)	18.8	(0.3)	(20.4)	(4.3)	(13.8)
	1982	(14.6)	11.0	(3.6)	(5.9)	(4.3)	(13.8)
Oil exporting countries	1980	166.6	(52.3)	114.3	(94.6)	-	19.7
	1981	118.8	(53.8)	65.0	(64.1)	-	0.9
	1982	53.9	(56.1)	(2.2)	(7.6)	-	(9.8)
Non-oil developing countries	1980	(74.3)	(14.7)	(89.0)	88.5	1.8	1.3
	1981	(79.6)	(28.1)	(107.7)	102.6	5.9	0.8
	1982	(52.2)	(34.6)	(86.8)	50.7	10.7	(5.4)
By analytical group							
Net oil exporters	1980	(3.5)	(9.0)	(12.5)	16.3	(0.4)	3.4
	1981	(10.0)	13.5	(23.5)	23.9	0.1	0.5
	1982	(0.8)	(14.8)	(15.6)	9.2	3.0	(3.4)
Net oil importers	1980	(70.8)	(5.7)	(76.5)	72.3	2.1	(2.1)
	1981	(69.6)	(14.6)	(84.2)	78.7	5.8	0.3
	1982	(51.8)	(19.8)	(71.1)	61.4	7.7	(2.0)
Major exporters of manufactures	1980	(26.3)	(6.3)	(32.5)	27.8	0.5	(4.2)
	1981	(26.4)	(11.2)	(37.6)	39.0	1.0	2.4
	1982	19.3	(15.0)	(34.3)	27.0	3.3	(4.0)
Low-income countries	1980	(20.2)	3.8	(16.4)	14.9	1.0	(0.5)
	1981	(15.7)	2.1	(13.6)	11.4	2.1	(0.1)
	1982	12.3	1.9	(10.4)	13.5	2.8	5.9
Other net oil importers	1980	(24.3)	(3.3)	(27.6)	29.5	0.7	2.6
	1981	(27.4)	(5.6)	(33.0)	28.3	2.7	(2.0)
	1982	(19.7)	(6.7)	(26.4)	20.9	1.6	(3.9)
Total, all countries	1980	26.0	(40.9)	(14.9)	44.0	23.4	52.5
	1981	20.1	(63.1)	(43.0)	18.1	4.5	(20.4)
	1982	(12.9)	(79.7)	(92.6)	57.2	6.4	(29.0)

<sup>1</sup>For classification of countries in groups shown here, see tables 1 and 2 of the IMF Annual Report 1983.

Source: International Monetary Fund, Annual Report 1983.

Figure 17.2  
INDEX OF AGRICULTURAL PRODUCTION OF  
SELECTED COUNTRIES: 1975 TO 1985

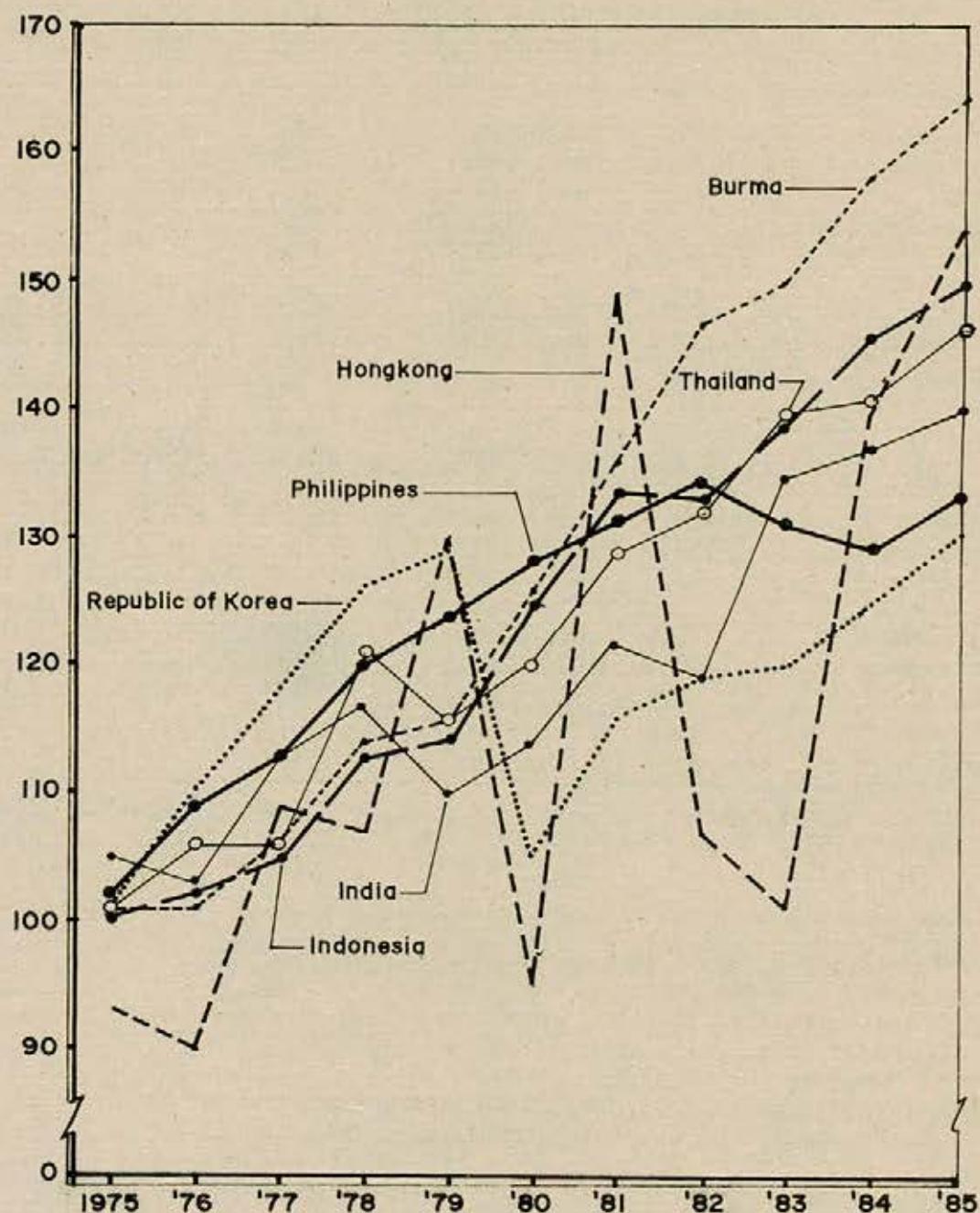


Table 17.11 - NATIONAL VALUATION OF GOLD  
INCLUDING GOLD:

Country	National valuation of gold: <sup>1</sup>		1972	1973	1974
	\$/Troy ounce	Date			
Afghanistan	256.5	(July 1981)	56.2	61.0	67.0
Bangladesh	377.0	(Dec. 1981)	270.5	143.2	138.2
Burma	40.6	(Dec. 1981)	52.4	100.3	190.9
China, Rep. of	...	...	1,039.0	1,123.0	1,191.0
Fiji	41.8	(Nov. 1981)	69.4	73.9	109.2
Hongkong	...	...	...	...	1,078.0
India	0.03	(Sept. 1981)	1,160.0	1,073.0	1,251.0
Indonesia	337.0	(Nov. 1981)	577.0	807.0	1,491.0
Kiribati	...	...	9.1	8.7	15.8
Korea, Rep. of	102.0	(Dec. 1981)	527.0	889.4	282.0
Lao PDR	...	...	8.4	10.6	12.6
Malaysia	40.3	(Oct. 1981)	970.0	1,345.0	1,618.0
Nepal	42.4	(Oct. 1981)	103.6	123.1	126.8
Pakistan	425.8	(Oct. 1981)	281.0	479.0	459.0
Papua New Guinea	256.6	(Dec. 1981)	...	31.3	32.4
Philippines	303.5	(Nov. 1981)	551.0	1,038.0	1,504.0
Singapore	...	...	1,748.4	2,285.9	2,811.9
Sri Lanka	47.6	(Dec. 1981)	60.0	87.0	78.0
Thailand	400.1	(Dec. 1981)	1,052.0	1,306.0	1,858.0
Tonga <sup>2</sup>	...	...	5.8	6.5	8.9
Vietnam	...	...	...	...	...
Western Samoa	...	...	4.5	5.1	6.0
(A)TOTAL (Reporting)			8,544	11,016	14,330
(B)ALL COUNTRIES			15,912	18,372	22,022
(A)/(B)%			5.4	6.0	6.5

<sup>1</sup> Gold holdings + SDRs + reserve position in IMF foreign exchange holdings.

<sup>2</sup> Data are taken from country reports and refer to fiscal year ending 30 June.

<sup>3</sup> As of November.

Source: Key Indicators of Developing Member Countries of ADB,  
Volume XIV No. 1, Asian Development Bank, April 1982.

AND INTERNATIONAL RESERVES  
1972 TO 1981

1975	1976	1977	1978	1979	1980	1981
125.9	170.3	315.5	430.6	484.2	641.5	521.8
148.3	288.9	235.0	315.4	402.0	321.2	156.6
141.0	126.4	112.9	107.3	214.9	271.8	222.2
1,168.0	1,607.0	1,448.0	1,513.0	1,576.0	2,345.0	7,368.0
148.6	116.3	147.4	135.1	137.0	168.0	135.5
...	...	...	...	...	...	...
1,293.0	2,997.0	5,107.0	6,688.0	716.0	7,228.0	5,257.0
586.0	1,499.0	2,516.0	2,663.0	4,167.0	6,500.0	6,059.0
41.2	42.9	55.0	72.5	73.8	79.8	74.9
786.0	1,974.5	1,633.7	2,776.4	2,972.8	2,938.2	2,676.3
9.5	12.4	7.8	21.5	26.1	14.0	18.1
1,524.0	2,472.0	2,858.0	3,329.0	170.3	195.5	194.3
101.2	134.9	147.8	153.6	170.3	195.5	194.3
407.0	534.0	517.0	740.0	941.0	1,684.0	1,507.0
179.7	257.2	430.2	412.6	514.6	438.2	469.5
1,360.0	1,642.0	1,524.0	1,881.0	2,416.0	3,140.0	2,742.0 <sup>3</sup>
3,006.6	3,363.8	3,857.7	5,302.7	5,818.5	6,566.8	6,828.0
58.0	92.0	293.0	399.0	520.0	249.0	330.0
1,775.0	1,893.0	1,915.0	2,557.0	3,129.0	3,026.0	2,727.0
11.6	12.0	9.8	7.1	7.7	11.0	...
...	...	...	110.0	...	...	...
6.4	5.2	9.1	4.8	4.8	1.9	...
128,770	192,408	231,423	296,487	353,388	403,346	410,862
227,589	258,149	321,209	366,836	402,088	455,084	422,158
5.7	7.5	7.2	8.1	8.8	8.9	9.7

Table 17.12 - CONSUMER PRICE INDEX OF SELECTED  
THE PACIFIC:  
(1975)

Country	1973	1974	1975	1976	1977	1978	1979	1980
Afghanistan	81.6	90.9	100.0	100.6	108.2	117.1	141.3	142.6
Bangladesh	52.0	80.4	100.0	90.4	92.9	107.2	118.1	136.4
Bhutan <sup>a</sup>	...	...	...	...	100.0	112.1	127.2	139.4
Burma	60.7	76.0	100.0	122.4	121.0	113.7	120.1	120.8
Cambodia	...	...	...	...	...	...	...	...
China, Rep. of	64.4	95.0	100.0	100.3	102.8	103.8	105.8	113.6
Cook Islands	76.4	86.5	100.0	123.1	148.3	165.6	184.2	209.5
Fiji	77.3	88.4	100.0	111.4	119.2	126.5	136.2	156.0
Hongkong	86.4	98.9	100.0	103.4	109.5	116.0	129.5	149.6
India	73.5	94.7	100.0	92.2	100.0	102.6	109.0	121.5
Indonesia	59.7	83.9	100.0	119.8	133.0	143.7	176.1	203.4
Kiribati	80.8	91.4	100.0	109.2	118.9	133.0	142.3	165.2
Korea, Rep. of	64.0	79.2	100.0	115.4	127.2	145.5	171.8	220.8
Lao PDR	...	...	...	...	...	...	...	...
Malaysia	81.5	95.7	100.0	102.6	107.5	112.8	116.9	124.6
Maldives	...	...	...	...	...	...	...	...
Nepal	78.0	90.4	100.0	102.8	108.1	115.3	124.3	141.1
Pakistan	64.0	82.7	100.0	107.1	118.0	115.9	137.7	153.9
Papua New Guinea	73.6	89.3	100.0	106.8	110.8	115.8	123.9	139.0
Philippines	69.3	92.5	100.0	106.2	111.5	123.3	146.5	172.6
Singapore	79.7	97.5	100.0	98.1	101.2	106.1	110.4	119.8
Solomon Islands	76.4	90.9	100.0	104.3	113.0	126.1	136.2	154.2
Sri Lanka	83.4	93.7	100.0	101.2	102.5	114.9	127.2	160.4
Taipei, China	64.4	95.0	100.0	102.5	109.7	116.0	127.4	151.8
Thailand	78.0	96.1	100.0	104.9	113.7	123.7	136.4	163.6
Tonga	79.3	90.8	100.0	107.1	125.9	137.9	145.5	178.1
Vanuatu	73.3	94.6	100.0	110.1	116.4	123.9	129.1	143.6
Vietnam	...	...	...	...	...	...	...	...
Western Samoa	73.6	91.9	100.0	104.9	120.3	123.2	136.4	181.4

<sup>a</sup> Base year is 1977-78.

<sup>b</sup> Average of 1972-75 only.

<sup>c</sup> Average of 1873-75 only.

<sup>d</sup> Average of 1978-80 only.

Source: Key Indicators of Developing Countries of ADB,  
Volume XVI, July 1986.

DEVELOPING COUNTRIES OF ASIA AND  
1973 to 1985  
= 100)

Annual Change (%)										
1981	1982	1983	1984	1985	1972-76	1977-81	1982	1983	1984	1985
149.6	...	...	...	...	0.1	8.5	...	...	...	...
152.8	172.4	184.3	202.5	226.4	29.7	11.2	12.8	6.9	9.9	11.8
153.7	...	...	...	...	...	11.4	...	...	...	...
121.2	127.2	134.4	140.8	141.0	23.0	0.0	4.2	5.6	4.8	0.1
...	...	...	...	...	...	...	...	...	...	...
116.5	118.9	121.2	124.5	...	...	3.1	2.1	1.9	2.7	...
254.1	285.9	307.3	343.9	381.0	14.5	15.7	12.5	7.5	11.9	10.8
173.5	185.6	198.1	208.6	217.7	11.8	9.3	7.0	6.7	5.3	4.4
170.7	188.6	207.3	224.3	231.5	8.7	10.6	10.5	9.9	8.2	3.2
137.4	148.0	165.8	179.5	189.6	9.9	8.4	7.7	12.0	8.3	5.6
220.7	240.6	266.3	297.8	312.0	23.4	13.1	9.0	10.7	11.7	4.9
178.2	187.8	209.1	210.4	220.9	10.6	4.3	5.5	6.3	5.4	5.0
267.8	287.4	297.5	304.0	311.6	16.1	18.5	7.3	3.5	2.2	2.5
...	...	...	...	...	...	...	...	...	...	...
136.7	144.6	150.0	155.8	...	7.6	5.9	5.8	3.7	3.9	...
...	...	...	...	...	...	...	...	...	...	...
161.7	178.9	200.9	211.7	218.9	9.2	9.6	10.6	12.3	5.4	3.4
172.2	182.4	195.9	209.8	224.5	16.6 <sup>b</sup>	10.0	5.9	7.4	7.1	7.0
152.8	158.8	174.5	186.7	191.9	10.9 <sup>b</sup>	7.5	3.9	7.0	7.1	2.8
193.6	214.6	237.9	354.9	428.4	14.4	12.9	11.0	10.8	49.0	20.7
129.9	134.6	136.2	139.8	140.5	8.9	5.8	3.9	1.2	2.6	0.5
179.5	202.8	216.4	240.4	263.5	8.7	11.5	13.0	6.7	11.1	9.6
189.3	209.7	239.0	278.8	282.9	7.2	13.6	10.8	14.0	16.6	1.5
176.5	181.8	184.4	184.2	184.0	13.3	11.6	3.0	1.4	0.1	0.1
185.5	195.5	202.2	203.6	210.1	9.6	12.2	5.4	3.4	0.7	3.2
204.6	226.7	248.9	249.2	298.1	11.9 <sup>c</sup>	14.0	10.8	9.8	0.1	19.6
182.9	194.3	197.4	208.3	209.9	12.8 <sup>c</sup>	11.0	6.2	1.6	5.5	0.8
...	...	...	...	...	...	...	...	...	...	...
218.6	258.6	301.0	336.8	366.8	12.1 <sup>c</sup>	16.3	18.3	16.4	11.9	8.9

Table 17.13 - WORLD TRADE SUMMARY: 1968 TO 1985<sup>1</sup>  
 (Percentage changes in volume and in unit value of foreign trade)

	From Preceding Year								
Average	1968-77 <sup>2</sup>	1978	1979	1980	1981	1982	1983	1984	1985
<b>World trade<sup>3</sup></b>									
Volume	7.7	5.2	6.5	1.2	0.3	(2.4)	2.9	8.6	3.1
Unit value (in U.S. dollar terms) <sup>4</sup>	9.6	10.3	18.7	20.2	(0.9)	(4.1)	(4.7)	(2.3)	(1.9)
(in SDR terms) <sup>4</sup>	7.9	2.9	15.0	19.3	9.4	2.4	(1.6)	1.9	1.0
Volume of trade									
Exports									
Industrial countries	8.0	5.8	7.0	4.1	3.6	(2.0)	2.8	9.7	4.3
Developing countries	5.7	4.2	5.0	(4.1)	(5.9)	(8.2)	3.0	0.7	0.7
Fuel exporters	4.7	(1.5)	1.8	(19.8)	(15.3)	(16.5)	(3.3)	(0.1)	(3.8)
Non-fuel exporters <sup>5</sup>	7.1	9.6	8.5	9	6.3	0.7	8.1	11.5	3.5
Imports									
Industrial countries	7.7	4.5	8.7	(2.1)	(2.7)	(0.6)	4.9	12.4	4.7
Developing countries	9.2	7.1	4.7	8.5	6.7	(4.1)	(2.6)	1.7	(1.1)
Fuel exporters	16.7	3.6	(4.4)	13.6	18.6	(1.6)	(10.5)	(6.4)	(11.8)
Non-fuel exporters	6.6	9.0	9.3	6.4	1.7	(5.4)	1.5	5.4	3.4
Terms of trade									
Industrial countries	(0.9)	2.5	(3.0)	(7.7)	(2.4)	1.7	1.7	0.2	0.9
Developing countries	5.0	(7.0)	10.9	16.8	3.0	(1.0)	(2.7)	1.4	(2.2)
Fuel exporters	13.2	(10.7)	26.7	44.1	11.4	(0.4)	(8.9)	0.9	(4.4)
Non-fuel exporters	(0.3)	(4.1)	(1.3)	(5.8)	(5.1)	(2.4)	0.5	1.9	(1.1)
Memorandum									
World trade prices (in U.S. dollar terms) for major commodity groups									
Manufactures	8.2	15.3	13.9	10.6	(4.0)	(2.5)	(3.1)	(3.5)	1.1
Oil	22.8	0.4	45.9	63.5	9.9	(4.2)	(11.7)	(2.1)	-4.7
Non-oil primary commodities	10.8	(5.5)	17.8	5.9	(13.9)	(10.1)	7.1	3.7	(12.2)

<sup>1</sup> For classification of countries in groups shown here, see appendix IX. Excludes data for China prior to 1978.

<sup>2</sup> Compound annual rates of change.

<sup>3</sup> Averages based on data for the two groups of countries shown separately below and on partly estimated data for other countries (mainly the U.S.S.R. and other non-member countries of Eastern Europe and, for years prior to 1978, China).

<sup>4</sup> For years prior to 1970, an imputed value of US \$ 1.00 has been assigned to the SDR.

<sup>5</sup> As represented, respectively, by (1) the United States export unit value index for the manufactures of the industrial countries; the oil export unit of the oil exporting countries (according to the analytical categories); and the index of market quotations for non-oil primary commodities exported by the developing countries.

Source: International Monetary Fund, Annual Report 1986.

Figure 17.3  
RICE PRODUCTION IN SELECTED DEVELOPING  
COUNTRIES OF ASIA AND THE PACIFIC: 1973 TO 1985

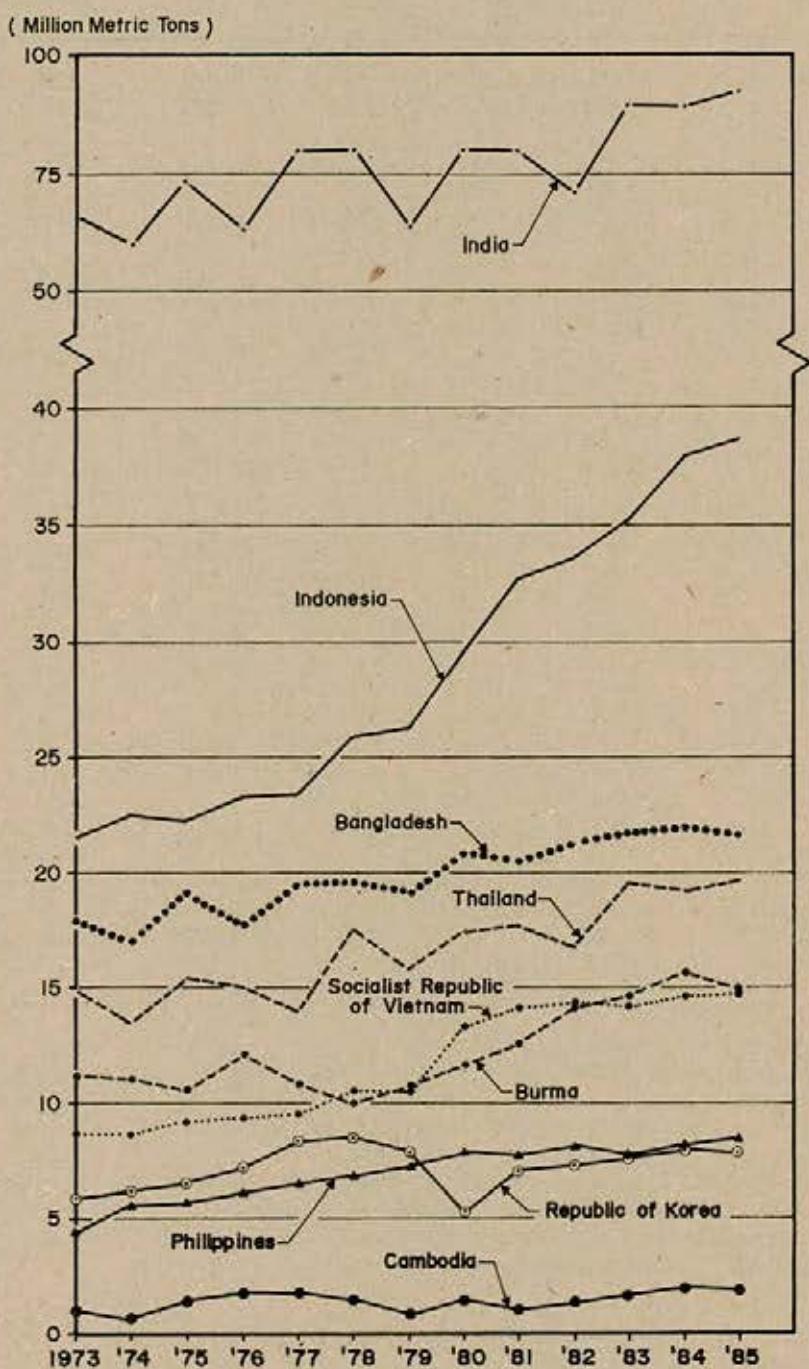


Table 17.14 - MERCHANTISE IMPORTS, C.I.F.,  
OF ASIA AND THE PACIFIC;  
(In million)

Country	1973	1974	1975	1976	1977	1978
Afghanistan <sup>a,b</sup>	172	243	350	261	328	395
Bangladesh	986	1,078	1,321	952	1,163	1,513
Bhutan	...	...	...	...	...	...
Burma	142	216	254	194	275	326
Cambodia	227	273	...	...	...	...
China, Rep. of <sup>b</sup>	5,208	7,791	7,926	6,660	7,148	11,131
Cook Islands <sup>b</sup>	7	9	13	13	17	19
Fiji <sup>b</sup>	222	273	268	264	307	355
Hongkong <sup>b</sup>	5,655	6,779	6,766	8,838	10,447	13,440
India	3,211	5,136	6,381	5,665	6,647	7,865
Indonesia <sup>c</sup>	2,729	3,842	4,770	5,673	6,230	6,690
Kiribati <sup>b</sup>	10	11	12	12	13	17
Korea, Rep. of	4,240	6,852	7,274	8,774	10,811	14,972
Lao PDR <sup>b</sup>	57	65	45	45	14	16
Malaysia	2,450	4,114	3,566	3,824	4,542	5,909
Maldives <sup>b</sup>	6	7	7	5	9	12
Nepal	103	134	171	163	168	221
Pakistan	971	1,729	2,158	2,181	2,446	3,285
Papua New Guinea <sup>b</sup>	356	503	556	502	642	770
Philippines	1,800	3,471	3,756	3,942	4,270	5,144
Singapore	5,127	8,380	8,134	9,070	10,471	13,048
Solomon Islands <sup>d</sup>	18	27	33	30	33	42
Sri Lanka	430	720	757	582	701	967
Taipei, China	3,792	6,984	5,961	7,611	8,521	11,022
Thailand	2,049	3,143	3,280	3,572	4,617	5,396
Tonga	11	17	17	14	20	26
Vanuatu	35	50	40	39	52	63
Vietnam	616	321	1,102	1,171	1,372	1,485
Western Samoa	24	26	37	30	41	52
(A) TOTAL (Reporting)	40,654	62,194	64,955	70,087	81,305	104,141
(B) TOTAL WORLD	543,100	795,400	826,500	935,000	1,072,100	1,245,300
(A)/(B) %	7.5	7.8	7.9	7.5	7.6	8.4

<sup>a</sup> Imports are at current domestic value.

<sup>b</sup> Beginning 1972, data exclude trade of former East Pakistan and include trade with Bangladesh.

<sup>c</sup> Prior to 1975, data refer to former Rep. of Vietnam. Data for 1975 and thereafter refer to the Soc. Rep. of Vietnam.

<sup>d</sup> Prior to January 1977, data are based on custom clearances, After January 1977, data refer to actual imports landed in Western Samoa.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

OF SELECTED DEVELOPING COUNTRIES  
1973 TO 1985  
(US dollars)

	1979	1980	1981	1982	1983	1984	1985
425	552	622	695	846	887	...	
1,908	2,599	2,699	2,463	2,165	2,825	...	
...	...	...	...	...	...	...	
319	353	373	409	268	239	283	
...	...	...	...	...	...	...	
15,621	19,941	21,635	18,900	21,336	25,950	42,526	
23	23	25	20	23	21	21	
470	562	631	509	484	450	437	
17,134	22,409	24,765	23,553	24,013	28,567	29,705	
9,827	14,864	15,418	14,786	14,061	15,067	...	
7,202	10,834	13,272	16,859	16,352	13,882	...	
18	21	26	23	18	21	...	
20,339	22,292	26,131	24,251	26,192	30,631	31,169	
20	29	21	...	...	...	...	
7,849	10,779	11,550	12,418	13,262	14,051	...	
20	29	31	43	57	53	20	
254	342	369	395	464	416	458	
4,056	5,350	5,631	5,465	5,329	5,853	5,890	
903	1,176	1,261	1,170	1,120	1,115	...	
6,612	8,295	8,479	8,263	7,976	6,432	5,455	
17,635	24,003	27,572	28,167	28,158	28,667	26,285	
70	89	79	71	74	79	68	
1,451	2,057	1,905	2,015	1,935	1,869	1,950	
14,783	19,753	21,129	18,815	20,314	21,994	20,121	
7,158	9,214	9,955	8,549	10,287	10,398	9,231	
29	34	40	42	46	55	...	
73	73	58	59	63	67	70	
1,599	1,296	1,398	1,438	1,240	1,470	1,463	
73	63	67	50	52	50	51	
135,871	177,032	195,142	189,428	196,135	211,109	175,193	
1,566,500	1,926,900	1,911,800	1,800,500	1,736,900	1,847,100	...	
8.7	9.2	10.2	10.5	11.3	11.4	...	

Table 17.15 - MERCHANTISE EXPORTS, F.O.B.,  
OF ASIA AND THE PACIFIC:  
(In million)

Country	1973	1974	1975	1976	1977	1978
Afghanistan <sup>a</sup>	143	230	217	291	306	321
Bangladesh <sup>a</sup>	358	348	327	401	476	548
Bhutan	...	...	...	...	...	...
Burma	140	194	160	193	208	233
Cambodia	7	15	19	...	...	...
China, Rep. of	5,876	7,108	7,689	6,943	7,520	9,955
Cook Islands	3	4	3	2	2	3
Fiji	94	154	170	135	180	198
Hongkong	5,071	5,968	6,027	8,484	9,616	11,488
India	2,917	3,926	4,355	5,549	6,378	6,671
Indonesia <sup>b</sup>	3,211	7,426	7,102	8,547	10,853	11,643
Kiribati	17	34	36	22	20	24
Korea, Rep. of	3,225	4,460	5,081	7,715	10,047	12,711
Lao PDR	5	10	12	12	4	3
Malaysia	3,049	4,236	3,843	5,295	6,079	7,404
Maldives	4	4	3	3	3	4
Nepal	63	66	100	98	81	91
Pakistan <sup>a,b</sup>	955	1,108	1,052	1,167	1,188	1,475
Papua New Guinea	515	654	441	551	683	714
Philippines	1,885	2,725	2,294	2,555	3,127	3,401
Singapore	3,653	5,810	5,376	6,585	8,241	10,134
Solomon Islands	14	26	15	24	33	38
Sri Lanka	410	527	569	572	761	845
Taipei, China	4,461	5,624	5,303	8,155	9,347	12,644
Thailand	1,564	2,444	2,208	2,980	3,490	4,085
Tonga	5	7	6	4	7	5
Vanuatu	21	30	11	17	37	42
Vietnam	58	25	229	402	594	648
Western Samoa	7	13	7	7	15	11
(A) TOTAL (Reporting)	37,731	53,176	52,655	66,709	79,296	95,339
(B) TOTAL WORLD	532,700	789,200	809,700	919,800	1,044,100	1,206,500
(A)/(B) %	7.1	6.7	6.5	7.3	7.6	7.9

<sup>a</sup> Beginning 1972, data exclude trade of former East Pakistan, and include trade with Bangladesh.

<sup>b</sup> Prior to 1975, data refer to the former Rep. of South Vietnam. Data for 1975 and thereafter refer to the Soc. Rep. of Vietnam.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

OF SELECTED DEVELOPING COUNTRIES  
1973 TO 1985  
(US dollars)

	1979	1980	1981	1982	1983	1984	1985
474	670	694	708	729	797	...	
659	758	791	769	724	931	1,000	
...	...	...	...	...	...	...	
383	472	477	394	378	378	304	
...	...	...	...	...	...	...	
13,614	18,099	21,465	21,872	22,177	24,831	27,327	
4	4	4	4	3	4	4	
257	377	311	284	240	256	229	
15,144	19,730	21,808	20,984	21,954	28,317	30,184	
7,806	8,586	8,295	9,358	9,148	9,445	...	
15,590	21,909	22,260	22,293	21,152	21,902	...	
25	3	4	2	4	11	...	
15,055	17,505	21,254	21,853	24,445	29,245	29,566	
5	5	2	...	...	...	...	
11,079	12,945	11,770	12,030	14,104	16,484	...	
5	8	9	10	13	18	23	
109	80	140	88	94	128	160	
2,056	2,618	2,883	2,397	3,077	2,558	2,739	
883	1,128	838	771	819	889	...	
4,567	5,741	5,655	4,968	4,890	5,274	4,583	
14,233	19,375	20,967	20,788	21,833	24,070	22,812	
68	73	66	58	62	93	70	
981	1,062	1,088	1,031	1,063	1,467	1,333	
16,070	19,775	22,519	22,089	25,094	30,424	30,688	
5,298	6,505	7,031	6,945	6,368	7,413	7,121	
7	8	7	4	7	12	...	
47	36	32	23	30	43	30	
587	537	467	595	538	595	646	
17	17	10	12	16	19	17	
125,023	158,026	170,847	170,330	178,962	205,604	158,836	
1,530,600	1,874,700	1,854,400	1,716,000	1,666,300	1,767,300	1,783,300	
8.2	8.4	9.2	9.9	10.7	11.6	8.9	

Table 17.16 - TERMS OF TRADE OF SELECTED DEVELOPING OF ASIA  
AND THE PACIFIC: 1973 TO 1985  
(1975 = 100)

Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Afghanistan	92	91	100	117	111	105	101	101	103	100	109	...	...
Bangladesh <sup>a</sup>	113	115	100	103	119	120	134	160	137	117	107	128	...
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...	...
Burma <sup>a</sup>	162	122	100	90	94	93	99	112	114	92	92	96	81
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...	...
China, Rep. of	...	...	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	68	93	100	88	100	93	87	97	78	74	85	80	...
Hongkong	103	96	100	104	103	103	103	101	103	101	103	103	106
India <sup>a</sup>	150	109	100	106	134	128	93	107	120	126	...	...	...
Indonesia	66	117	100	105	106	107	109	164	...	...	...	...	...
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...
Korea, Rep. of	136	111	100	114	122	128	125	109	106	111	112	114	115
Lao PDR	...	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia <sup>c</sup>	128	122	100	118	135	141	152	140	114	103	114	119	...
Maldives	...	...	...	...	...	...	...	...	...	...	...	...	...
Nepal	...	...	...	...	...	...	...	...	...	...	...	...	...
Pakistan <sup>a</sup>	143	160	100	106	115	111	133	118	103	94	94	98	...
Papua New Guinea <sup>a,b,d</sup>	112	146	100	95	...	...	103	92	70	66	74	...	...
Philippines	129	130	100	89	81	90	100	78	69	67	70	68	64
Singapore	104	103	100	102	102	102	99	...	...	...	...	...	...
Solomon Islands	142	159	100	143	190	156	225	196	146	154	150	219	...
Sri Lanka	141	125	100	131	172	169	121	98	77	65	74	84	...
Taipei, China	114	102	100	102	101	95	92	84	80	73	73	74	72
Thailand	134	113	100	92	88	88	91	86	75	68	73	72	69
Tonga	154	232	100	94	164	143	194	133	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...	...
Vietnam	...	...	...	...	...	...	...	...	...	...	...	...	...
Western Samoa	124	205	100	105	166	153	158	104	...	...	...	...	...

<sup>a</sup>Data are for the fiscal year.

<sup>b</sup>With base year 1977 = 100 after 1976.

<sup>c</sup>Peninsular Malaysia only.

<sup>d</sup>Prior to 1978, averages refer to the fiscal year, succeeding figures refer to the calendar year.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

Table 17.17 - IMPORTS OF PETROLEUM AND PETROLEUM PRODUCTS OF  
DEVELOPING COUNTRIES OF ASIA AND THE PACIFIC: 1975 TO 1985  
(In million US dollars)

Country	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Afghanistan <sup>a</sup>	27	36	40	49	65	65	124	99	164	...	...
Bangladesh <sup>a</sup>	66	94	207	167	140	162	187	180	409	391	401
Bhutan	...	...	...	...	...	...	...	...	...	...	...
Burma	...	...	...	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...
China, Rep. of	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	1	1	1	1	2	4	...	...	...	...	...
Fiji	47	42	59	56	87	127	155	153	110	99	100
Hongkong	415	555	620	646	951	1,536	1,903	1,747	1,389	1,320	1,115
India <sup>a</sup>	1,381	1,368	1,617	1,893	3,095	5,500	6,273	5,995	4,718	5,375	4,224
Indonesia	254	438	732	580	793	1,774	1,721	3,544	4,146	2,678	...
Kiribati	1	2	2	2	...	...	...	...	...	...	...
Korea, Rep. of	1,339	1,658	2,065	2,312	3,416	6,164	6,918	6,740	6,195	6,414	6,160
Lao PDR	...	6	6	7	10	...	...	...	...	...	...
Malaysia	425	515	578	635	943	1,578	1,987	1,880	1,829	1,477	1,271
Maldives <sup>b</sup>	0	0	0	1	2	4	5	...	...	...	...
Nepal <sup>a,c</sup>	17	17	20	21	19	40	45	33	48	45	51
Pakistan <sup>a</sup>	337	378	412	497	530	1,079	1,535	1,677	1,565	1,422	1,436
Papua New Guinea	56	59	...	...	...	176	235	198	201	175	...
Philippines	814	936	1,026	1,062	1,371	1,929	2,149	2,105	2,123	1,652	1,277
Singapore	1,995	2,484	2,672	3,111	4,466	6,949	9,381	9,566	8,801	7,946	7,666
Solomon Islands <sup>c</sup>	3	3	4	4	7	11	16	15	16	15	13
Sri Lanka <sup>b</sup>	124	138	157	154	251	492	449	587	469	420	404
Taipei, China	624	1,052	1,249	1,589	4,742	4,452	5,066	4,101	4,121	4,269	3,758
Thailand	698	818	1,024	1,124	1,599	2,868	2,984	2,642	2,481	2,431	2,111
Tonga	1	2	2	3	3	4	5	6	6	6	...
Vanuatu	3	...	...	...	4	7	6	7	6	6	6
Vietnam	...	...	...	...	...	...	...	...	...	...	...
Western Samoa	3	2	4	4	7	10	13	7	8	8	8
Total (reporting)	8,631	10,604	12,497	13,918	22,483	34,931	41,157	41,282	38,805	36,149	30,001

<sup>a</sup> Data refer to fiscal year.

<sup>b</sup> Petroleum products only.

<sup>c</sup> Mineral, fuels and lubricants.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

Table 17.18 - GROSS DOMESTIC PRODUCT BY KIND OF

Country and currency unit	Year <sup>1</sup> ISIC	Gross domestic product 1-9 value	Agriculture 1	Total 2-4
Canada (million dollars)	1970	86,453.9	4	26
	1975	166,751.0	4	25
	1981	349,525.7	4	27
	1982	368,951.7	4	25
	1983	399,300.7	3	25
United State of America (billion dollars)	1970	989.5	3	30
	1975	1,542.2	3	29
	1981	2,934.9	3	29
	1982	3,045.3	3	28
	1983	3,275.7	2	28
France	1970	782.6	6	31
	1975	1,452.3	5	30
	1981	3,110.6	4	28
	1982	3,567.0	4	28
	1983	3,935.0	4	28
Germany, Federal Republic of (billion D. mark)	1970	675.3	3	42
	1975	1,026.5	3	38
	1981	1,544.1	3	36
	1982	1,600.3	2	35
	1983	1,667.5	2	32
Netherlands (million guilders)	1970	114,572.9	6	32
	1975	209,419.8	5	30
	1981	352,849.7	4	26
	1982	367,749.7	4	27
	1983	376,719.7	4	27
Spain (billion pesetas)	1970	2,576.2	11	29
	1975	6,018.3	9	29
	1981	17,327.4	7	...
	1982	19,870.3	6	...
	1983	22,682.8	6	...
United Kingdom (million pounds)	1970	51,313.0	2	33
	1975	105,959.9	2	31
	1981	253,452.7	2	30
	1982	276,416.7	2	30
	1983	300,227.7	2	31

## ECONOMIC ACTIVITY IN SELECTED COUNTRIES

	Industrial activity		Wholesale and retail trade 6	Transport and communication <sup>3</sup> 7	Others <sup>8</sup> 8-9
	Manufacturing industries	Construction			
Percentage distribution					
20	5		11	7	33
19	7		11	7	35
18	6		10	7	37
16	5		9	7	39
16	5		9	7	40
26	5		17	6	37
23	5		18	6	37
22	4		17	6	39
21	4		17	6	41
21	4		17	6	41
29	7		13	5	27
27	8		13	5	30
25	6		12	5	35
25	6		12	5	35
25	6		12	5	35
38	8		11	6	24
34	6		11	6	30
32	6		11	6	32
32	6		11	6	32
32	6		...	6	31
29	7		13	8	27
27	7		12	7	32
17	7		13	6	36
17	6		12	6	36
17	6		12	6	36
25	8		15	6	24
25	8		16	6	26
...	7		17	7	11
...	7		18	7	11
...	7		...	...	...
29	6		12	7	27
26	6		11	7	32
21	5		11	6	31
21	5		11	6	31
21	5		12	6	31

Table 17.18 - GROSS DOMESTIC PRODUCT BY KIND OF

Country and currency unit	Year ISIC	Gross domestic product 1-9 value	Agriculture 1	Total 2-4
Union of Soviet Socialist Republic (billion rubles)	1970	289.9 <sup>2</sup>	22	51
	1975	363.3 <sup>2</sup>	17	53
	1981	486.7 <sup>2</sup>	15	51
	1982	523.4 <sup>2</sup>	15	51
	1983	548.1 <sup>2</sup>	20	46
India <sup>6</sup> (billion rupees)	1970	402.6	43	15
	1975	743.4	38	16
	1981	1,475.0	32	18
	1982	1,635.8	30	18
	1983	1,957.4	32	18
Indonesia (billion rupiahs)	1970	3,238.0	49	15
	1975	12,642.5	32	29
	1981	54,027.0	25	35
	1982	59,632.6	26	33
	1983	71,214.6	26	33
Japan (billion yen)	1970	73,284.9	6	39
	1975	148,030.9	5	32
	1981	252,544.9	4	34
	1982	264,796.9	3	34
	1983	274,918.9	3	34
Korea, Republic of (billion won)	1970	2,724.0	26	24
	1975	10,234.9	24	28
	1981	46,799.1	16	32
	1982	52,878.3	15	31
	1983	59,603.2	14	31
Malaysia <sup>7</sup> (million ringgit)	1970 <sup>4</sup>	10,588.0	29	24
	1975	22,332.0	...	...
	1981	56,064.0	...	...
	1982	61,196.0	...	...
	1983 <sup>4</sup>	67,978.9	...	...
Pakistan (million rupees)	1970	50,487.0	32	17
	1975	132,051.0	29	17
	1981	323,214.7	25	19
	1982	363,825.7	25	20
	1983	419,796.7	22	21

## ECONOMIC ACTIVITY IN SELECTED COUNTRIES (continued)

	Industrial activity		Wholesale and retail trade 6	Transport and communication <sup>3</sup> 7	Others <sup>8</sup> 8-9
Manufacturing industries	Construction				
Percentage distribution					
...	10	11	6	...	...
...	11	13	6	...	...
...	10	18	6	...	...
...	10	18	6	...	...
...	10	18	6	...	...
13	5	10	5	13	
14	4	12	5	14	
15	4	14	5	15	
14	5	13	5	16	
13	5	13	5	16	
9	3	17	3	14	
9	5	17	4	14	
11	6	15	4	15	
13	6	15	5	15	
13	6	15	5	15	
36	8	14	7	25	
30	10	15	6	30	
30	9	13	7	34	
31	9	12	7	34	
30	8	12	7	35	
21	5	16	7	20	
26	5	17	6	17	
28	7	15	8	21	
27	8	15	9	22	
27	8	14	8	22	
15	4	12	5	22	
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
15	4	13	6	18	
15	5	14	6	20	
16	5	15	7	20	
17	4	14	7	20	
18	5	15	7	20	

Table 17.18 - GROSS DOMESTIC PRODUCT BY KIND OF

Country and currency unit	Year <sup>1</sup> ISIC	Gross domestic product 1-9 value	Agriculture 1	Total 2-4
Philippines (million pesos)	1970	41,518.0	29	27
	1975	114,696.9	29	27
	1981	305,273.7	23	28
	1982	340,577.7	23	27
	1983	384,895.7	22	28
Singapore (million dollars) <sup>4,5</sup>	1970 <sup>4,5</sup>	5,804.9	2	23
	1975 <sup>4</sup>	13,373.0	2	26
	1981	28,653.2	1	32
	1982	31,783.1	1	28
	1983	35,370.9	1	27
Thailand (billion baht)	1970	136.1	28	19
	1975	298.8	31	21
	1981	786.2	24	23
	1982	846.1	22	23
	1983	924.3	22	23
Egypt (million pounds)	1970	3,359.4 <sup>4</sup>	23	20
	1975	5,246.6 <sup>4</sup>	28	21
	1981	9,787.5 <sup>4</sup>	23	21
	1982	12,610.2 <sup>4</sup>	20	29
	1983	18,041.2	19	30
Australia (million dollars)	1970	33,737.0	6	33
	1975	73,234.9	6	28
	1980	133,141.9	6	29
	1981	150,682.9	5	28
	1982	165,498.9	4	28

<sup>1</sup>Year beginning 1 July.<sup>2</sup>Net Material products.<sup>3</sup>Financing insurance, real estate and business services are included in transport and communications.<sup>4</sup>Includes Statistical discrepancy.<sup>5</sup>Data not strictly comparable to those of previous years.<sup>6</sup>Year beginning 1 April.<sup>7</sup>Peninsular Malaysia only.<sup>8</sup>Including other activities of the material sphere.

Source: United Nations, 1983/84 Statistical Yearbook.

## ECONOMIC ACTIVITY IN SELECTED COUNTRIES (continued)

Industrial activity		Wholesale and retail trade 6	Transport and communication <sup>3</sup> 7	Others <sup>8</sup> 8-9
Manufacturing industries	Construction			
Percentage distribution				
24	4	15	5	21
25	6	15	5	18
25	9	18	6	17
24	9	18	6	17
25	8	18	6	17
20	7	28	11	26
24	8	27	11	24
29	7	22	14	23
26	9	22	13	25
25	11	21	13	26
16	6	23	6	17
18	4	21	6	16
20	5	23	7	18
19	5	23	7	20
19	5	22	8	21
17	2	13	4	26
17	5	14	5	24
13	5	13	6	22
13	6	14	7	20
12	4	13	7	21
27	8	16	8	29
21	8	17	7	33
19	6	15	7	36
19	6	15	7	37
18	6	15	7	39

Table 17. 19 - INDEX NUMBERS OF AGRICULTURAL PRODUCTION  
IN SELECTED COUNTRIES: 1973 TO 1985  
(1974-76 = 100)

Country	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Afghanistan	91	96	99	105	93	98	97	96	98	98	101	101	98
Bangladesh	100	95	105	100	109	113	113	117	117	122	125	126	126
Bhutan	96	98	100	102	105	107	110	113	115	118	122	124	127
Burma	98	98	101	101	106	114	116	126	136	146	150	158	164
Cambodia	100	84	105	111	111	96	62	85	79	89	106	117	121
China, Rep. of	...	...	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	107	120	122	58	60	...	...	...	...	...	...	...	...
Fiji	106	99	99	103	115	118	149	133	146	150	100	159	144
Hongkong	109	119	93	90	109	107	130	95	149	107	101	140	154
India	97	92	105	103	113	117	110	114	122	119	135	137	140
Indonesia	95	98	100	102	104	112	114	125	134	133	139	146	150
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...
Korea, Rep. of	85	89	100	110	118	125	129	104	115	118	121	122	130
Lao PDR	102	103	97	100	95	100	118	136	148	149	150	175	187
Malaysia	91	97	98	104	106	103	115	116	124	129	124	130	135
Maldives	92	94	108	98	104	100	98	106	107	112	118	119	121
Nepal	98	99	102	99	97	100	93	104	107	97	118	117	120
Pakistan	96	99	99	102	108	109	116	119	125	132	132	138	142
Papua New Guinea	94	97	101	102	104	107	110	112	115	118	120	125	130
Philippines	86	90	102	108	112	120	122	127	131	134	131	129	133
Singapore	120	108	104	88	121	100	83	76	104	64	61	98	124
Solomon Islands	86	97	97	106	121	128	144	142	162	162	169	186	204
Sri Lanka	87	98	100	102	106	110	130	141	131	123	134	134	139
Taipei, China	96	98	96	106	110	108	114	113	112	113	114	115	116
Thailand	95	93	101	106	106	121	116	120	129	132	140	141	146
Tonga	85	92	102	106	99	91	94	107	111	97	93	94	88
Vanuatu	76	102	97	100	98	116	120	95	120	103	108	123	124
Vietnam	95	99	96	107	108	115	120	130	134	141	147	156	162
Western Samoa	98	97	100	101	108	105	106	109	112	108	107	108	108
ASIA	95	96	102	102	106	111	113	113	119	130	136	136	138
WORLD	96	98	100	102	104	109	109	110	110	114	117	122	123

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

Table 17.23 - DAILY CAPITA PROTEIN AND CALORIE SUPPLIES  
FOR SELECTED DEVELOPING COUNTRIES OF ASIA  
AND THE PACIFIC: 1965 to 1983

Country	Protein (grams)					Calorie <sup>a</sup> (calories)				
	1965	1970	1975	1980	1983	1965	1970	1975	1980	1983
Afghanistan	63	60	61	55	...	2,120	1,960	2,010	1,780	...
Bangladesh	41	45	39	39	40	1,960	2,100	1,760	1,820	1,860
Bhutan	...	...	...	...	...	...	...	...	...	...
Burma	45	55	57	60	66	2,020	2,180	2,220	2,280	2,530
Cambodia	56	50	42	46	...	2,160	...	1,710	2,000	...
China, Rep. of	...	...	...	...	...	...	...	...	...	...
Cook Islands	...	...	...	...	...	...	...	...	...	...
Fiji	...	50	57	68	66	...	2,390	2,540	2,900	2,850
Hongkong	65	80	79	86	85	2,370	2,690	2,580	2,770	2,790
India	55	50	45	47	52	2,150	2,000	1,790	1,940	2,120
Indonesia	42	41	42	49	46	1,920	1,970	2,040	2,330	2,380
Kiribati	...	37	58	68	69	...	1,940	2,160	2,700	2,680
Korea, Rep. of	59	64	74	75	78	2,280	2,580	2,700	2,800	2,840
Lao PDR	45	57	49	53	...	2,080	2,130	1,840	2,000	...
Malaysia	52	52	54	58	59	2,310	2,530	2,540	2,560	2,560
Maldives	...	57	62	60	...	...	1,800	1,750	1,840	...
Nepal	51	50	49	46	50	2,020	2,070	2,030	1,890	2,050
Pakistan	59	58	59	56	57	2,190	2,210	2,210	2,160	2,200
Papua New Guinea	44	46	43	46	...	...	2,200	2,220	2,270	...
Philippines	...	47	49	53	55	1,890	1,960	2,050	2,390	2,430
Singapore	63	74	78	70	65	2,430	2,800	2,850	2,630	2,640
Solomon Islands	...	41	38	41	...	...	2,130	1,980	2,160	...
Sri Lanka	47	47	40	44	46	2,080	2,400	2,020	2,250	2,350
Taipei, China	61	72	75	78	77	2,270	2,660	2,720	2,810	2,720
Thailand	48	49	48	47	48	2,190	2,260	2,330	2,340	2,370
Tonga	...	41	59	79	70	...	2,540	3,050	3,160	3,120
Vanuatu	...	62	65	64	51	...	2,430	2,400	2,350	2,140
Vietnam	52	54	52	47	...	2,260	2,250	2,100	1,960	...
Western Samoa	...	53	54	57	57	...	2,100	2,260	2,560	2,470

<sup>a</sup>Figures are rounded to the nearest ten.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

Table 17.20 - RICE (PADDY) PRODUCTION OF  
OF ASIA AND THE  
(In thousands)

Country	1973	1974	1975	1976	1977
Afghanistan	420	420	435	448	400
Bangladesh	17,863	16,930	19,143	17,628	19,451
Bhutan	44	46	46	48	53
Burma	8,602	8,583	9,208	9,319	9,462
Cambodia	1,050	635	1,500	1,800	1,800
China, Republic of	124,689	127,118	128,827	129,359	132,035
Cook Islands	...	...	...	...	...
Fiji	16	17	23	21	18
Hongkong	7	3	4	3	1
India	66,077	59,650	73,352	63,052	79,006
Indonesia	21,490	22,473	22,340	23,301	23,347
Kiribati	...	...	...	...	...
Korea, Republic of	5,850	6,174	6,485	7,249	8,348
Lao PDR	884	905	910	858	693
Malaysia	1,980	2,095	1,997	1,995	1,898
Maldives	...	...	...	...	...
Nepal	2,416	2,452	2,605	2,386	2,282
Pakistan	3,682	3,470	3,926	4,106	4,424
Papua New Guinea	1	1	2	2	1
Philippines	4,415	5,594	5,660	6,159	6,456
Singapore	...	...	...	...	...
Solomon Islands	1	1	1	4	6
Sri Lanka	1,312	1,602	1,154	1,253	1,677
Taipei, China	2,954	3,213	3,267	3,554	3,470
Thailand	14,898	13,386	15,300	15,068	13,921
Tonga	...	...	...	...	...
Vanuatu	...	...	...	...	...
Vietnam	11,125	11,023	10,539	12,076	10,885
Western Samoa	...	...	...	...	...
<b>TOTAL (Reporting)</b>	<b>289,776</b>	<b>285,791</b>	<b>306,724</b>	<b>299,689</b>	<b>319,634</b>
<b>ASIA</b>	<b>305,113</b>	<b>302,849</b>	<b>326,490</b>	<b>317,830</b>	<b>339,910</b>
<b>WORLD</b>	<b>332,227</b>	<b>332,078</b>	<b>358,700</b>	<b>350,420</b>	<b>371,550</b>

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

FOR SELECTED DEVELOPING COUNTRIES  
 PACIFIC: 1973 TO 1985.  
 (=100)

1980	1981	1982	1983	1984	1985	Simple Average Rate (%)	Growth 1972-76	Average 1977-81	Growth 1972-85
134.7	145.9	145.9	37.1	38.4	148.0	12.8 <sup>b</sup>	3.0	3.8 <sup>c</sup>	
131.4	141.0	147.3	152.8	162.7	175.3	4.6 <sup>d</sup>	5.6	5.3 <sup>e</sup>	
100.0	104.1	112.1	123.9	141.2	...	...	8.7 <sup>g</sup>	9.6 <sup>h</sup>	
116.3	128.6	125.5	109.8	132.4	113.7	...	7.0	2.4	
...	100.0	100.2	113.9	132.0	...	...	...	9.9	
125.9	136.2	140.5	144.8	154.3	163.8	4.2	4.3	4.5	
194.0	213.0	214.0	226.0	240.0	...	...	14.9	10.7	
216.0	244.9	257.9	300.2	346.9	360.9	26.5	13.6	17.2	
167.9	173.4	179.2	185.7	58.0	...	13.5	7.9	9.5	
...	...	...	...	...	...	...	...	...	
132.0	148.0	169.0	185.0	200.0	216.0	...	8.3	9.0	
...	...	...	...	...	...	...	...	...	
128.9	134.6	141.8	...	...	...	5.9	4.7	5.3	
176.4	193.8	183.2	186.9	203.7	189.0	9.8	11.6	7.5	
...	...	...	...	...	...	...	...	...	
197.9	205.3	240.2	271.0	...	...	13.6 <sup>d</sup>	10.6	11.6 <sup>h</sup>	
172.7	185.5	193.7	207.7	221.8	226.5	13.0	9.4	9.2	
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	

Table 17.22 - MANUFACTURING PRODUCTION INDEX  
OF ASIA AND THE  
(1975)

Country	1973	1974	1975	1976	1977	1978	1979
Afghanistan <sup>a</sup>	...	...	...	...	...	...	...
Bangladesh	...	102.0	100.0	127.6	116.3	127.6	134.7
Bhutan	...	...	...	...	...	...	...
Burma	89.0	91.7	100.0	107.6	115.3	118.4	122.6
Cambodia	...	...	...	...	...	...	...
China, Rep. of	...	...	...	...	74.7	84.7	91.9
Cook Islands	...	...	...	...	...	...	...
Fiji <sup>b</sup>	...	...	...	...	100.0	106.5	127.2
Hongkong	...	...	...	...	...	...	...
India	96.6	97.4	100.0	110.3	116.4	124.1	125.0
Indonesia	...	...	100.0	109.0	146.0	146.0	158.0
Kiribati	...	...	...	...	...	...	...
Korea, Rep. of <sup>f</sup>	65.0	84.0	100.0	131.7	158.5	196.3	220.1
Lao PDR	...	...	...	...	...	...	...
Malaysia	86.6	99.9	100.0	118.9	131.6	144.4	157.3
Maldives	...	...	...	...	...	...	...
Nepal	...	...	...	...	...	...	...
Pakistan	...	...	...	100.0	100.0	111.0	119.0
Papua New Guinea	...	...	...	...	...	...	...
Philippines	115.1	105.3	100.0	107.1	109.7	115.1	120.0
Singapore	97.0	100.9	100.0	112.2	122.4	136.6	157.2
Solomon Islands	...	...	...	...	...	...	...
Sri Lanka	...	...	...	...	...	...	...
Taipei, China	98.8	92.6	100	125.5	142.3	176.4	186.4
Thailand	89.0	95.0	100.0	118.8	136.9	148.6	164.8
Tonga	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...
Vietnam	...	...	...	...	...	...	...
Western Samoa	...	...	...	...	...	...	...

<sup>a</sup>Base period is 1973-74.

<sup>b</sup>Average of 1975-76 only.

<sup>c</sup>Average of 1975-85 only.

<sup>d</sup>Average of 1973-76 only.

<sup>e</sup>Average of 1973-85 only.

<sup>f</sup>Base period is 1980.

<sup>g</sup>Average Of 1978-81 only.

<sup>h</sup>Average Of 1978-84 only.

<sup>i</sup>Base period is 1977.

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

## SELECTED DEVELOPING COUNTRIES

PACIFIC: 1973 TO 1985

(metric tons)

1978	1979	1980	1981	1982	1983	1984	1985
780	760	797	798	800	780	800	800
2	1	1	1	1	1	1	1
74	76	78	79	81	83	85	86
75	77	126	166	206	239	310	403
80	70	100	98	46	80	75	78
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
4	4	4	4	3	3	6	6
...	...	...	...	...	...	...	...
6,199	5,603	6,957	6,897	6,548	7,924	7,000	8,000
4,029	3,606	3,991	4,509	3,235	5,095	5,359	5,300
...	...	...	...	...	...	...	...
100	149	154	145	117	101	133	135
30	32	28	33	35	39	40	45
12	8	8	8	9	20	22	24
0	0	0	0	0	0	0	0
743	554	743	752	718	761	751	771
799	875	970	931	1,005	1,014	1,027	1,054
1	1	2	1	1	1	1	1
3,167	3,123	3,110	3,290	3,126	3,425	3,440	3,400
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
20	22	23	24	24	31	38	38
107	98	115	96	118	143	240	272
2,791	2,863	3,000	3,448	3,002	3,552	4,226	5,003
...	...	...	...	...	...	...	...
1	1	1	1	1	1	1	1
485	475	418	460	437	467	475	500
...	...	...	...	...	...	...	...
19,499	18,398	20,626	21,741	19,513	23,760	24,030	25,918
78,914	81,965	86,910	84,632	84,002	96,154	103,140	94,766
394,639	419,656	398,147	449,925	448,565	347,702	453,441	488,925

Table 17.21 - CORN PRODUCTION OF  
OF ASIA AND THE  
(In thousand)

Country	1973	1974	1975	1976	1977
Afghanistan	760	770	780	800	760
Bangladesh	2	2	2	2	2
Bhutan	52	54	55	56	57
Burma	79	81	80	58	75
Cambodia	73	70	65	75	80
China, Republic of	...	...	...	...	...
Cook Islands	...	...	...	...	...
Fiji	4	4	4	4	4
Hongkong	...	...	...	...	...
India	5,804	5,559	7,256	6,361	5,973
Indonesia	3,690	3,011	2,903	2,572	3,143
Kiribati	...	...	...	...	...
Korea, Republic of	54	61	54	70	83
Lao PDR	27	27	28	32	35
Malaysia	16	23	14	26	18
Maldives	0	0	0	0	0
Nepal	814	827	748	797	740
Pakistan	768	747	802	764	821
Papua New Guinea	0	0	0	0	1
Philippines	1,831	2,289	2,568	2,767	2,855
Singapore	...	...	...	...	...
Solomon Islands	...	...	...	...	...
Sri Lanka	21	23	29	29	19
Taipei, China	84	107	138	114	95
Thailand	2,343	2,550	2,863	2,675	1,676
Tonga	...	...	...	...	...
Vanuatu	0	0	1	1	1
Vietnam	301	315	279	382	408
Western Samoa	...	...	...	...	...
<b>TOTAL (Reporting)</b>	<b>16,723</b>	<b>16,520</b>	<b>18,669</b>	<b>17,585</b>	<b>16,846</b>
<b>ASIA</b>	<b>65,614</b>	<b>68,375</b>	<b>71,720</b>	<b>69,041</b>	<b>69,594</b>
<b>WORLD</b>	<b>328,485</b>	<b>312,811</b>	<b>343,940</b>	<b>350,340</b>	<b>370,230</b>

Sources: Key Indicators of Developing Member Countries of ADB,  
Volume XVII, July 1986.

SELECTED DEVELOPING COUNTRIES  
PACIFIC: 1973 TO 1985  
(metric tons)

1978	1979	1980	1981	1982	1983	1984	1985
428	439	461	475	473	480	480	480
19,582	19,109	20,821	20,446	21,325	21,751	21,950	21,750
54	55	57	56	58	60	61	62
10,528	10,448	13,317	14,147	14,373	14,288	14,588	14,700
1,500	850	1,470	1,160	1,400	1,700	1,970	1,900
140,132	146,959	142,993	147,042	164,493	172,184	...	...
...	...	...	...	...	...	...	...
16	19	18	17	20	16	22	22
0	0	0	0	0	0	0	0
80,608	63,476	80,312	79,883	70,772	89,579	89,300	92,500
25,781	26,283	29,652	32,774	33,584	35,237	37,978	38,660
...	...	...	...	...	...	...	...
8,532	7,881	5,311	7,149	7,308	7,608	7,970	7,855
724	867	1,053	1,155	1,188	1,002	1,322	1,400
1,498	2,095	1,798	2,177	1,832	1,818	1,755	1,895
...	...	...	...	...	...	...	...
2,339	2,060	2,464	2,560	1,833	2,757	2,760	2,800
4,908	4,824	4,685	5,145	5,167	5,009	5,786	5,250
1	1	1	0	0	0	0	0
6,895	7,198	7,836	7,723	8,108	7,731	8,150	8,470
...	...	...	...	...	...	...	...
10	11	12	13	14	15	16	15
1,890	1,917	2,133	2,229	2,156	2,484	2,414	2,600
3,203	3,209	3,083	3,087	3,252	3,231	2,244	2,200
17,470	15,758	17,368	17,774	16,878	19,549	19,300	19,600
...	...	...	...	...	...	...	...
10,040	10,758	11,679	12,552	14,169	14,732	15,600	15,000
...	...	...	...	...	...	...	...
336,139	324,217	346,524	357,564	368,403	401,231	233,666	237,159
355,663	342,839	362,144	374,509	385,581	418,419	432,427	424,791
387,815	376,921	399,134	412,078	424,203	451,580	469,774	462,256