



Republic of the Philippines
National Statistical
Coordination Board

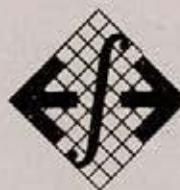


1989 Philippine
Statistical
YEARBOOK

NATIONAL STATISTICAL COORDINATION BOARD
ARCHIVES



1989 Philippine Statistical Yearbook



Republic of the Philippines

NATIONAL STATISTICAL COORDINATION BOARD

FOREWORD

The NSCB's *Philippine Statistical Yearbook* is a compilation of statistical information produced by various government agencies as well as data from international organizations. Data in this 1989 edition of the Yearbook includes the more recent and relevant statistics. Data is also available on the national level as well as some regional breakdown.

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 make 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.



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October 1989

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Standard Symbols Used

The following standard symbols are used in this publication:

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

SUMMARY OF MAJOR STATISTICAL SERIES

SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		Percent change	
	Reference period	Value	Reference period	Value		
Part 1. General Statistics						
Chapter 1. Population and Housing Statistics						
1. Population (1,000 persons)	May 1, 1980	48,098.0	May 1, 1975	42,071.0	14.3	
2. Sex distribution						
Both sexes (1,000 persons)	May 1, 1980	48,098.0	May 1, 1975	42,071.0	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		2,216		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		2,800		2,600	7.7	
Region 9		2,528		2,048	23.4	
Region 10		2,759		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		Percent change	
	Reference period	Value	Reference period	Value		
Chapter 2. Income and Prices						
1. Average family income (pesos)						
Philippines	1985	31,052	1971	3,726	733.4	
Urban		46,127		5,867	686.2	
Metropolitan Manila Area		57,193		7,785	634.7	
Rural		21,875		2,818	676.3	
2. Consumer price index for all items (1978=100)						
	June 1989		June 1988			
Philippines		439.4		400.6	9.7	
Metropolitan Manila Area (National Capital Region)		475.8		437.6	8.7	
Areas Outside Metropolitan Manila						
CAR		435.0		391.8		
Region 1		419.4		375.9	11.6	
Region 2		407.0		379.2	7.3	
Region 3		453.3		420.4	7.8	
Region 4		423.9		379.8	11.6	
Region 5		434.8		401.1	8.4	
Region 6		441.0		405.2	8.8	
Region 7		438.1		396.9	10.4	
Region 8		421.5		375.4	12.3	
Region 9		411.5		365.9	12.5	
Region 10		443.8		392.8	13.0	
Region 11		437.4		402.2	8.8	
Region 12		423.8		393.6	7.7	
Chapter 3. Economic Accounts						
1. Gross national product (million pesos)						
	1988		1987			
At current prices		823,767		703,361	17.1	
At 1972 prices		101,186		94,797	6.7	

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Gross domestic product by industrial origin (million pesos at 1972 prices)	1988	101,534	1987	95,463	6.4
<i>Agriculture, fishery and forestry</i>		27,771		26,834	3.5
<i>Mining and quarrying</i>		1,615		1,547	4.4
<i>Manufacturing</i>		25,251		23,168	9.0
<i>Construction</i>		4,344		3,967	9.5
<i>Electricity, gas, and water</i>		1,995		1,908	4.6
<i>Transport, communication and storage</i>		5,487		5,251	4.5
<i>Trade</i>		15,832		15,153	4.5
<i>Finance and Housing</i>		6,200		5,832	6.3
<i>Private Services</i>		6,437		6,106	
<i>Government Services</i>		6,602		5,697	15.9
3. Expenditures on gross domestic product at 1972 prices (million pesos)	1988	101,534	1987	95,463	6.4
<i>Personal consumption expenditures</i>		74,646		70,409	6.0
<i>General government expenditures</i>		9,769		8,774	11.3
<i>Gross domestic capital formation</i>		15,705		13,171	19.2
<i>Construction</i>		6,836		6,348	7.7
<i>Durable equipment</i>		6,817		5,283	29.0
<i>Increase in stocks</i>		2,052		1,540	33.2
<i>Exports</i>		26,675		23,245	14.8
<i>(Less) imports</i>		27,378		19,987	37.0
4. Per capita national income (pesos)	1988		1987		
<i>At current prices</i>		11,545		9,685	19.2
<i>At 1972 prices</i>		1,419		1,316	7.8
5. Per capita private (personal) consumption expenditure (pesos)	1988		1987		
<i>At current prices</i>		10,274		9,172	12.0
<i>At 1972 prices</i>		58,721		57,356	2.4

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change	
	Reference period	Value	Reference period	Value		
Part II. Economic Statistics						
Chapter 4. Natural Resources						
1. Classified land area (1,000 hectares)	1988		1987			
Alienable and disposable		14,117,753		14,108,087	0.1	
Forest land		15,001,090		15,010,616	(0.1)	
2. Fish production (1,000 m.t.)	1988	2,299.7	1987	2,213.0	3.9	
Commercial fishing		631.6		591.2	6.8	
Aquaculture		599.5		560.9	6.9	
Municipal fishing and sustenance fishing		1,068.5		1,060.9	0.7	
3. Value of fishing production (million pesos)	1987	37,241.9	1986	37,331.5	(0.2)	
Commercial fishing		9,820.7		9,247.9	6.2	
Aquaculture		11,313.6		10,832.2	4.4	
Municipal fishing and sustenance fishing		16,107.5		17,251.5	(6.6)	
4. Production of logs, lumber, plywood and veneer (1,000 m.)	1988		1987			
Logs		3,809		4,147	(8.2)	
Lumber		1,033		1,233	(16.2)	
Plywood		415		517	(19.7)	
Veneer		85		75	13.3	
Chapter 5. Agriculture						
1. Production of agricultural crops (1,000 m.t.)	Crop year 1988	43,848	Crop year 1987	43,905	(0.1)	
Food grains		13,399		12,818	4.5	
Palay		8,971		8,539	5.1	
Corn		4,428		4,278	3.5	
Other food crops		30,900		30,644	0.8	
Coconut		10,800		11,803	(8.5)	
Sugarcane		1,883		1,839	2.4	

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Coffee		141		132	6.8
Cacao		8		7	14.3
Fruits and nuts		8,538		8,426	1.3
Vegetables		8,632		8,436	2.3
Non-food crops		449		444	1.1
Fiber crops		148		150	(1.3)
Others		301		294	2.4
2. Value of production of agricultural crops (million P)	Crop year 1988	128,332	Crop year 1987	110,156	16.5
Food crops		43,923		38,299	14.7
Palay		30,860		26,122	18.1
Corn		13,062		12,177	7.3
Other food crops		80,755		68,475	17.9
Coconut		14,973		13,861	8.0
Sugarcane		16,566		10,000	65.7
Coffee		4,548		3,723	
Cacao		287		226	27.0
Fruits and nuts		24,393		22,956	
Vegetables		19,988		17,709	12.9
Non-food crops		3,654		3,382	8.0
Fiber crops		1,416		1,436	(1.4)
Others		2,238		1,946	15.0
Chapter 6. Establishment Characteristics; Industrial Sectors					
1. Number of newly registered corporations and partnerships	1988		1987		
Corporations		7,809		7,057	10.7
Partnerships		1,224		1,210	1.2
2. Capital increases & withdrawals of corporations & partnerships (million pesos)	1988		1987		
Increases		8,252.1		4,938.5	67.1
Withdrawals		565.9		1,603.8	(64.7)
Net effect		7,686.2		3,334.7	130.5

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Amount of investments approved under E.O. 226(million pesos)	1988	16,944.6	1987	8,360.2	102.7
<i>Local</i>		7,421.2		4,932.8	50.4
<i>Foreign</i>		9,523.4		3,427.3	177.9
4. Value of manufacturing output (million pesos)	1987	294,462	1986	247,461	19.0
<i>Food</i>		69,594		59,861	16.3
<i>Beverages</i>		19,604		15,877	23.5
<i>Tobacco</i>		15,523		13,995	10.9
<i>Textiles</i>		15,325		11,584	32.3
<i>Footwear & wearing apparel</i>		9,857		6,899	42.9
<i>Wood and cork</i>		7,766		6,241	24.4
<i>Furniture and fixtures</i>		2,078		1,469	41.5
<i>Paper</i>		7,255		7,851	(7.6)
<i>Printing</i>		3,559		2,917	22.0
<i>Leather</i>		266		195	36.4
<i>Rubber</i>		4,314		3,337	29.3
<i>Chemicals</i>		32,446		27,066	19.9
<i>Petroleum and coal</i>		44,587		38,348	16.3
<i>Non-metallic mineral products</i>		8,121		1,049	674.2
<i>Basic metal</i>		22,604		19,272	17.3
<i>Metal products</i>		4,363		3,595	21.4
<i>Machinery except electrical</i>		2,483		1,553	59.9
<i>Electrical machinery</i>		18,952		14,102	34.4
<i>Transport equipment</i>		4,361		2,606	67.3
<i>Miscellaneous</i>		1,404		1,219	15.2
5. Value of mining production (million pesos)	1987		1986		
<i>Precious metal</i>		9,508.5		8,570.1	10.9
<i>Base metals</i>		6,568.6		5,884.3	11.6
<i>Non-metallics</i>		2,783.1		2,792.4	(0.3)
<i>Other minerals</i>		3,155.3		2,814.4	12.1
6. Value of private building construction (million pesos)	1988	17,341.8	1987	11,124.0	55.9
<i>Metropolitan Manila Area (National Capital Region)</i>		10,690.7		6,110.0	75.0
<i>Rest of the Regions</i>		6,651.1		5,014.0	32.7

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<i>Residential buildings</i>		6,933.8		5,832.0	18.9
<i>Metropolitan Manila Area</i>					
<i>(National Capital Region)</i>		3,800.8		3,062.0	24.1
<i>Rest of the Regions</i>		3,133.0		2,770.0	13.1
<i>Non-residential buildings</i>		7,389.1		4,108.3	79.9
<i>Metropolitan Manila Area</i>					
<i>(National Capital Region)</i>		4,553.4		2,289.0	98.9
<i>Rest of the Regions</i>		2,835.7		1,819.3	55.9
<i>Additions/alterations</i>		3,018.9		1,183.6	155.1
<i>Metropolitan Manila Area</i>					
<i>(National Capital Region)</i>		2,336.5		759.4	207.7
<i>Rest of the Regions</i>		682.4		424.2	60.9
Chapter 7. Foreign Trade, Balance of Payments					
1. Direction of external trade <i>(million US dollars)</i>	1988		1987		
<i>Exports</i>		7,074.2		5,720.2	23.7
<i>Imports</i>		8,159.4		6,740.0	21.1
<i>Balance of trade</i> <i>(all countries)</i>		(1,085.2)		(1,019.8)	6.4
2. Total exports <i>(million US dollars)</i>	1988	7,074.2	1987	5,720.2	23.7
<i>Ten principal exports</i>		1,311.5		1,121.5	16.9
<i>Copra</i>		28.0		32.0	(12.5)
<i>Sugar</i>		60.2		60.3	(0.2)
<i>Banana</i>		146.0		121.2	20.5
<i>Logs and lumber</i>		157.2		154.5	1.7
<i>Desiccated coconut</i>		78.3		75.3	4.0
<i>Coconut oil</i>		408.1		380.5	7
<i>Pineapples, canned</i>		83.2		86.3	(4)
<i>Gold</i>		118.0		90.5	30
<i>Abaca (unmanufactured)</i>		16.3		11.8	38
<i>Copper concentrates</i>		216.2		109.1	98

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
3. Imports by end use (million US dollars)	1988	8,159.4	1987	6,737.0	21.1
Producer goods		7,590.6		6,277.2	20.9
Machinery and equipment		837.4		453.6	84.6
Unprocessed raw materials		1,386.3		1,359.9	1.9
Semi-processed raw materials		4,982.5		4,092.8	21.7
Supplies		384.4		370.9	3.6
Consumer goods		568.9		459.8	23.7
Durable		37.8		19.8	90.9
Non-durable		531.1		440.0	20.7
4. Exports of non-traditional products (million US \$)	1988	5,415.0	1987	4,271.0	26.8
Manufactured		4,667.0		3,702.0	26.1
Unmanufactured		721.0		562.0	28.3
5. Balance of payments (million US \$)	1988	650	1987	264	146.2
Chapter 8. Tourism					
1. Number of visitor arrivals	1988	1,043,114	1987	794,700	31.3
2. Total tourist receipts (thousand dollars)	1988	405,000	1987	458,000	(11.6)
Part III. Social Statistics					
Chapter 9. Vital, Health and Nutrition Statistics					
1. Crude birth and death rates (per 1,000 population)	1986		1985		
Birth rate		26.7		26.3	1.5
Death rate		6.0		6.1	(1.6)
2. Number of registered marriages	1987	400,760	1986	389,482	2.9
3. Daily per capita available food supply (grams/day)	1986		1985		
Cereals and cereal products		330.1		329.0	0.3
Roots and tubers		62.9		63.6	(1.1)
Sugar and syrup		26.1		25.2	3.6
Pulses and nuts		5.4		4.9	10.2



SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<i>Vegetables</i>		99.7		95.0	4.9
<i>Fruits</i>		146.9		149.5	(1.7)
<i>Meat products</i>		56.2		51.2	9.8
<i>Milk and milk products</i>		74.3		75.1	(1.1)
<i>Eggs</i>		11.3		11.3	0.0
<i>Fish and other marine products</i>		90.4		89.5	1.0
<i>Fats and oil</i>		14.5		12.7	14.2
<i>Miscellaneous food</i>		131.8		118.1	11.6
4. Calorie and nutrient values of available food supply (daily per capita)	1986		1985		
Calorie (number)		2,308		2,248	2.7
Protein (grams)		66		64	3.1
Fats (grams)		43		40	7.5
5. Bed capacity of government and private hospitals	1988		1987		
Government		46,236		46,330	(0.2)
Private		39,707		40,491	(1.9)
6. Number of hospitals	1988		1987		
Government		579		581	(0.3)
Private		1,187		1,173	1.2
Chapter 10. Education					
1. Number of government and private schools	SY 1987-88		SY 1986-87		
Pre-School		2,572		2,243	14.7
Government		1,292		1,246	3.7
Private		1,280		997	28.4
Elementary		33,544		33,485	0.2
Government		32,000		32,037	(0.1)
Private		1,544		1,448	6.6
Secondary		5,410		5,394	0.3
Government		3,307		3,327	(0.6)
Private		2,103		2,067	1.7

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<i>Tertiary</i>		1,606		1,169	37.4
<i> Government</i>		428		351	21.9
<i> Private</i>		1,178		818	44.0
2. Enrolment in government and private schools (in thousand)	SY 1988-89		SY 1987-88		
<i>Elementary</i>		9,947.3		9,601.3	3.6
<i> Government</i>		9,309.4		8,964.8	3.8
<i> Private</i>		637.8		636.5	0.2
<i>Secondary</i>		3,670.6		3,494.5	5.0
<i> Government</i>		2,309.0		2,090.1	10.5
<i> Private</i>		1,361.6		1,404.4	(3.0)
Chapter 11. Labor and Employment					
1. Total labor force					
<i>(1,000 persons)</i>	1988	23,451	1987	22,984	2.0
<i>Employed</i>		21,497		20,812	3.3
<i>Unemployed</i>		1,954		2,173	(10.1)
2. Labor force participation rate (percent)					
<i>Philippines</i>	1988	65.4	1987	66.0	(0.9)
3. Filipino workers sent overseas during the year by major occupation group(land-based)					
	1987	425,881	1986	357,687	19.1
<i>Professional, technical and related workers</i>		112,236		87,569	28.2
<i>Managerial, executive, administrative workers</i>		1,675		1,317	27.2
<i>Clerical workers</i>		15,929		15,261	4.4
<i>Sales workers</i>		4,268		3,562	19.8
<i>Service workers</i>		144,542		117,127	23.4
<i>Agricultural, animal husbandry, forestry workers and fishermen</i>		2,690		1,557	72.8
<i>Production process workers, transport equipment operators and laborers</i>		144,541		131,294	10.1

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 12. Social Services					
1. Benefits paid by the Government Service Insurance System (million pesos)	1988	2,518.5	1987	2,183.0	15.4
2. Benefits paid by the Social Security System (million pesos)	1988	3,052.3	1987	2,096.4	45.6
Part IV. Infrastructure Statistics					
Chapter 13. Transportation and Communication					
1. Rail transport	1988		1987		
Passengers (1,000 persons)		968.1		1,177.8	(17.8)
Freight tonnes (1,000 mt)		57.0		62.2	(8.4)
Express tonnes (1,000 mt)		23.3		27.7	(15.9)
2. Flights and passengers carried by international carriers	1988		1987		
Passengers carried, total		3,952,753		3,542,826	11.6
Arrivals		1,909,868		1,678,943	13.8
Departures		2,042,885		1,863,883	9.6
Flights, total		22,267		20,626	8.0
3. Total number of newly-registered motor vehicles	1988		1987		
Cars		16,322		10,657	53.2
Utility vehicles		33,543		23,144	44.9
Trucks		6,438		5,112	25.9
Buses		573		545	5.1
Trailers		1,428		1,112	28.4
Motorcycles		29,659		30,430	(2.5)
4. Total Kilometers of road	1988	157,253.20	1987	157,809.77	(0.4)
National		26,070.05		26,082.34	(0.0)
Local		131,183.15		131,727.43	(0.4)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
5. Number of Bridges	1988	11,289	1986	11,572	(2.4)
<i>National government</i>		6,928		7,211	(3.9)
<i>Local government</i>		4,361		4,361	0.0
6. Length of bridges (linear meters)	1988	314,184.23	1987	304,305.31	3.2
<i>National government</i>		235,519.67		225,640.75	4.4
<i>Local government</i>		78,664.56		78,664.56	0.0
7. Coastwise shipping movement at 26 major ports	1988		1987		
<i>Number of vessels entered</i>		74,244		72,649	2.2
<i>Number of vessels cleared</i>		74,368		72,598	2.4
8. International shipping movements at Port of Manila	1988		1987		
<i>Number of vessels entered</i>		2,138		2,141	(0.1)
<i>Number of vessels cleared</i>		2,114		2,114	0.0
9. Number of licensed radio stations	1988	31,587	1987	28,117	12.3
10. Volume of mail handled (1,000 pieces)	1988	799,215	1987	756,386	5.7
<i>Received from Foreign Countries</i>		162,610		167,484	(2.9)
<i>Posted mails</i>		636,605		588,903	8.1

**Chapter 14. Energy and Water
Resources**

1. Electric Energy (million kWh)	1988		1987	
<i>Production</i>		22,910.0		20,958.0
<i>Consumption</i>		19,148.0		16,849.8

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to			Percent change	
	Reference period	Value	Reference period	Value			
Part V. Financial Statistics							
<i>Chapter 15. Public Finance</i>							
1. Holdings on government securities (million P) by holders	Dec. 1988	197,296.4	1987	150,299.6	31.3		
<i>In percent</i>		100.0		100.0			
Central Bank		3.7		6.1			
Commercial and other banks		17.8		14.4			
Trust funds		5.8		6.7			
Semi-government entities		13.1		13.7			
Private sector		59.5		59.1			
2. National government expenditures (million pesos)	1989	228,940	1988	190,689	20.1		
<i>In percent</i>		100.0		100.0			
Economic services		19.5		18.7			
Social services		19.2		18.8			
National defense		9.1		8.8			
General public service		8.3		8.2			
Multisectoral		-		-			
Debt Service Fund		43.9		45.5			
3. Internal debt outstanding by level of government (million P)	4th Qtr 1988	207,657.6	1987	161,100.3	28.9		
National government		195,494.0		152,479.6	28.2		
Local government		116.0		116.0	0.0		
Government corporations		8,081.9		9,313.3	(13.2)		
Monetary institutions		39,965.7		919.8	4,245.0		
4. Internal debt outstanding by period of maturity (million P)	1987	207,657.6	1986	161,100.3	28.9		
Long term		22,558.5		24,252.2	(7.0)		
Medium term		26,699.0		22,997.2	16.1		
Short term		158,400.1		113,850.9	39.1		

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
<i>Chapter 16. Money and Banking</i>					
1. Money supply (million pesos)	Dec. 1988	59,548.4	Dec. 1987	52,090.3	14.3
2. Net foreign assets (million P)	Dec. 1988	(94,713.0)	Dec. 1987	(108,213.1)	(12.5)
3. Net domestic credits (million P)	Dec. 1988	121,941.7	Dec. 1987	108,380.4	12.5
4. Non-Money supply deposits (million pesos)	Dec. 1988	138,283.3	Dec. 1987	110,346.5	25.3
5. Net other accounts (million P)	Dec. 1988	(170,603.0)	Dec. 1987	(162,269.5)	5.1
6. Loans and investment outstanding (million pesos)	1988	163,296.2	1987	143,914.0	13.5
In percent		100.0		100.0	
Commercial banks		79.9		78.8	
Rural banks		5.2		5.3	
Development banks		9.6		10.2	
Savings banks		5.3		5.7	
7. Total assets and liabilities of Central Bank (million pesos)	Dec. 1988		1987		
Total assets		349,932.7		325,185.0	7.6
Total liabilities		349,150.1		324,473.0	7.6
8. Total assets and liabilities of commercial banks (million pesos)	Dec. 1988		1987		
Total assets		328,874.5		274,562.2	19.8
Total liabilities		290,544.2		242,516.4	19.8
9. Total assets and liabilities of development banks (million pesos)	Dec. 1988		1987		
Total assets		6,698.2		18,498.8	(63.8)
Total liabilities		5,702.3		12,077.5	(52.8)

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 Statistics Office (NSO) 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 2030 under three assumptions: high, medium and low. The estimates were based on the revised population projections prepared by the NSO in late 1983 in collaboration with the Inter-Agency Committee on Population and Housing Statistics.

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

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Figure 1.1 Population and Land Area by Region: 1 May 1980

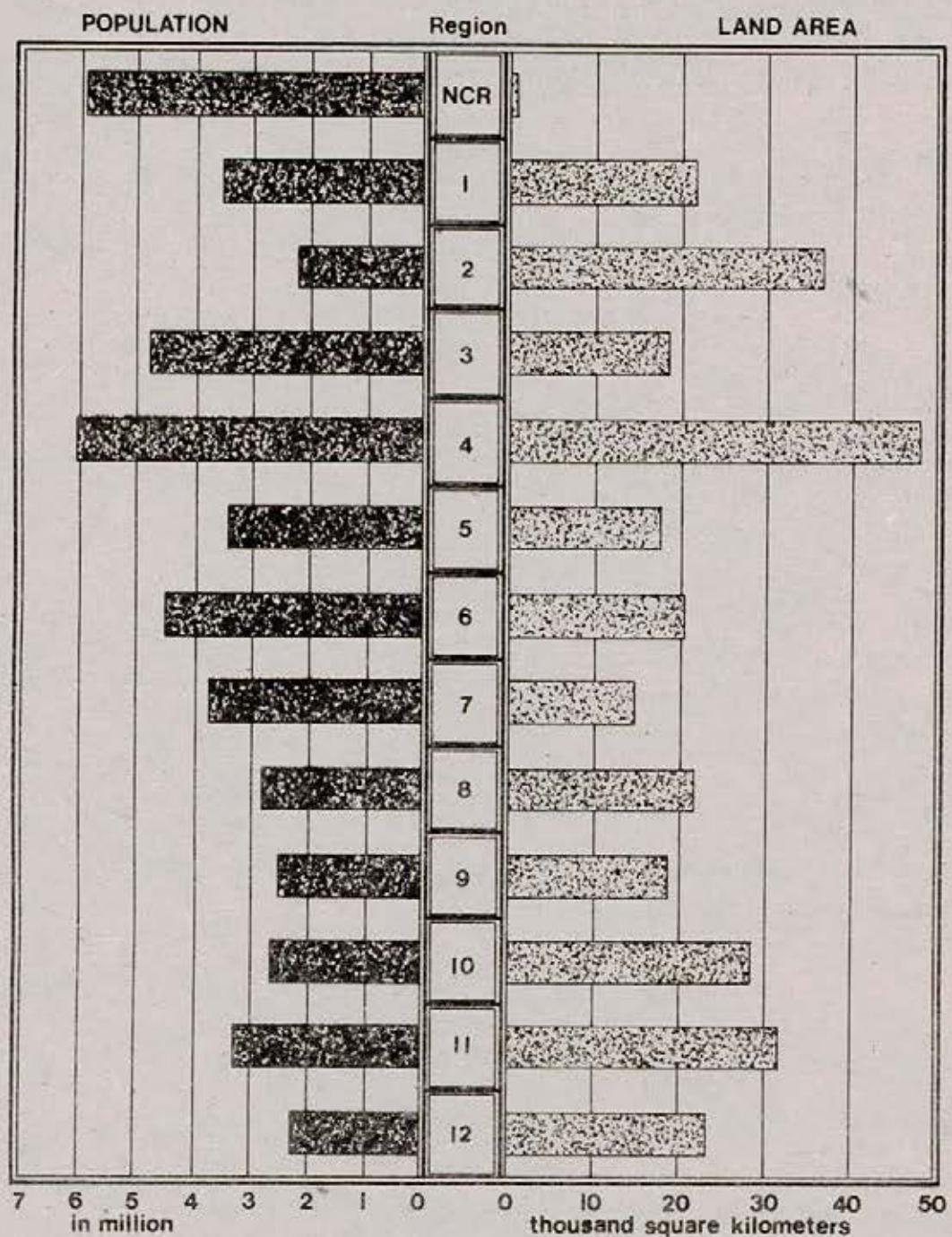


Table 1.1 – POPULATION, LAND AREA AND DENSITY BY

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)
Philippines	48,098	42,071	36,684	27,088	19,234	15,999	10,316
<i>Metropolitan Manila</i>							
<i>Area (NCR)</i>	5,926	4,970	3,967	2,462	1,569	994	461
<i>Manila</i>	1,630	1,479	1,331	1,139	984	623	285
<i>Caloocan City</i>	468	397	275	145	55	39	19
<i>Pasay City</i>	288	255	206	133	89	55	19
<i>Quezon City</i>	1,166	957	754	398	111	39	0
<i>Las Piñas</i>	136	82	46	16	9	7	3
<i>Makati</i>	373	334	265	115	41	34	13
<i>Malabon</i>	191	175	142	76	46	33	22
<i>Mandaluyong</i>	205	182	149	72	26	18	6
<i>Marikina</i>	212	168	113	40	24	15	9
<i>Muntinlupa</i>	137	95	65	22	19	9	5
<i>Navotas</i>	126	97	83	49	29	21	13
<i>Paranaque</i>	209	159	97	62	29	21	22
<i>Pasig</i>	269	210	157	62	35	28	17
<i>Patros</i>	40	33	26	13	8	7	4
<i>San Juan del Monte</i>	130	122	105	57	32	19	6
<i>Taguig</i>	134	74	55	22	15	12	8
<i>Valenzuela</i>	212	151	98	41	17	13	9
<i>Region 1</i>	3,541	3,269	2,991	2,428	1,944	1,728	1,376
<i>Abra</i>	160	147	146	115	87	88	73
<i>Benguet</i>	355	302	264	184	110	122	44
<i>Ilocos Norte</i>	391	372	343	287	251	238	219
<i>Ilocos Sur</i>	444	420	385	338	276	272	247
<i>La Union</i>	453	415	374	293	237	208	178
<i>Mt. Province</i>	103	94	93	86	62	59	49
<i>Pangasinan</i>	1,636	1,520	1,386	1,124	921	742	566
<i>Region 2</i>	2,216	1,933	1,691	1,202	775	716	450
<i>Batanes</i>	12	12	11	10	11	10	8
<i>Cagayan</i>	711	644	581	445	311	292	191
<i>Ifugao</i>	111	105	93	77	50	69	64
<i>Isabela</i>	871	730	648	442	264	220	113
<i>Kalinga-Apayao</i>	185	163	136	90	56	47	37
<i>Nueva Vizcaya I</i>	325	279	222	138	83	78	36

REGION AND PROVINCE: CENSUS YEARS 1918 to 1980

Land area (km ²)	Density (persons/km ²)						
	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
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

Table 1.1 – POPULATION, LAND AREA AND DENSITY BY

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 3	4,803	4,210	3,615	2,524	1,837	1,568	1,039
Bataan	323	263	216	145	93	86	58
Bulacan 2/	1,096	900	738	514	395	319	240
Nueva Ecija	1,069	948	851	608	468	417	227
Pampanga	1,182	1,042	907	617	416	375	258
Tarlac	689	641	560	427	327	264	172
Zambales	444	416	343	213	138	107	84
Region 4	6,118	5,214	4,457	3,081	2,084	1,812	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	222	186	144	84	43	39	28
Oriental Mindoro	447	389	328	229	125	92	44
Palawan	372	300	237	163	106	94	69
Quezon 3/	1,236	1,116	983	653	417	359	212
Rizal 4/	556	414	307	174	106	88	64
Romblon	193	182	167	132	109	99	65
Region 5	3,477	3,194	2,967	2,363	1,666	1,347	841
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	68
Sorsogon	501	447	427	348	291	248	178
Region 6	4,526	4,146	3,618	3,078	2,531	2,174	1,347
Aklan	325	293	263	226	197	177	137
Antique	345	308	289	238	234	199	155
Capiz	492	446	394	315	245	229	155
Iloilo 5/	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	3,387	3,033	2,523	2,120	1,954	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 AND PROVINCE: CENSUS YEARS 1918 to 1980 (continued)

Land area (km ²)	Density (persons/km ²)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)	1918 (Dec 31)
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
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

Table 1.1 - POPULATION, LAND AREA AND DENSITY BY

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)
<i>Region 8</i>	2,800	2,600	2,381	2,041	1,764	1,462	978
<i>Leyte 6</i>	1,303	1,203	1,111	963	819	743	476
<i>Southern Leyte</i>	296	276	251	210	188	173	122
<i>Eastern Samar</i>	321	287	271	238	198	154	117
<i>Northern Samar</i>	379	355	306	261	228	155	94
<i>Western Samar</i>	501	478	442	369	331	237	169
<i>Region 9</i>	2,528	2,048	1,869	1,351	763	603	320
<i>Basilan</i>	201	171	144	156	110	57	23
<i>Sulu</i>	360	240	315	248	182	201	128
<i>Tawi-Tawi</i>	195	143	110	79	59	46	45
<i>Zamboanga del Norte</i>	588	491	409	281	168	139	57
<i>Zamboanga del Sur</i>	1,184	1,003	890	587	244	160	67
<i>Region 10</i>	2,758	2,314	1,953	1,297	922	706	359
<i>Agusan del Norte</i>	365	301	278	177	89	64	25
<i>Agusan del Sur</i>	265	213	175	94	38	35	20
<i>Bukidnon</i>	632	533	415	194	63	58	46
<i>Camiguin</i>	57	53	54	45	70	41	38
<i>Misamis Occidental</i>	386	356	320	248	208	210	81
<i>Misamis Oriental</i>	690	560	473	344	300	173	82
<i>Surigao del Norte</i>	363	298	239	195	155	126	67
<i>Region 11</i>	3,347	2,715	2,201	1,353	578	451	206
<i>Davao del Norte</i>	725	590	443	263	91	60	24
<i>Davao del Sur</i>	1,134	936	785	498	205	172	46
<i>Davao Oriental</i>	340	299	248	133	68	61	38
<i>South Cotabato</i>	770	587	466	295	103	58	43
<i>Surigao del Sur</i>	378	302	259	165	110	100	55
<i>Region 12</i>	2,271	2,070	1,941	1,383	681	484	221
<i>Lanao del Norte</i>	461	381	350	271	132	99	26
<i>Lanao del Sur</i>	405	500	456	378	212	144	66
<i>Maguindanao</i>	536	478	476	377	245	137	76
<i>North Cotabato</i>	565	472	468	279	87	50	16
<i>Sultan Kudarat</i>	304	239	191	78	5	54	37

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

1 Includes Quirino.

2 Excluding Valenzuela.

3 Includes Aurora.

4 Excluding cities and municipalities covered by Metro Manila.

5 Includes Guimaras.

6 Includes Biliran.

Source: National Statistics Office.

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

Land area (km ²)	Density (persons/km ²)						
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)	1918 (Dec 31)
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
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	10,181	8,869	7,607	5,370	3,644
<i>Angeles</i>	189	151	135	76	38
<i>Bacolod</i>	262	223	187	119	101
<i>Bago</i>	100	89	72	59	57
<i>Baguio</i>	119	97	85	50	29
<i>Bais</i>	49	46	40	27	15
<i>Basilan</i>	a	171	144	156	110
<i>Batangas</i>	144	125	109	83	60
<i>Butuan</i>	172	133	131	80	30
<i>Cabanatuan</i>	138	115	100	70	49
<i>Cadiz</i>	130	128	124	89	49
<i>Cagayan de Oro</i>	227	165	128	68	52
<i>Calbayog</i>	107	103	94	78	80
<i>Caloocan</i>	468	397	274	146	55
<i>Canlaon</i>	29	29	24	23	16
<i>Cavite</i>	88	83	76	55	35
<i>Cebu</i>	490	413	347	251	168
<i>Cotabato</i>	84	67	61	38	15
<i>Dagupan</i>	98	90	84	63	44
<i>Danao</i>	57	50	48	33	26
<i>Dapitan</i>	55	46	38	28	20
<i>Davao</i>	610	485	392	226	111
<i>Dipolog</i>	62	48	46	32	23
<i>Dumaguete</i>	63	53	52	35	25
<i>General Santos</i>	149	91	86	53	13
<i>Gingoog</i>	80	67	66	53	31
<i>Iligan</i>	167	119	104	58	28
<i>Iloilo</i>	245	227	210	151	110
<i>Iriga</i>	66	76	77	75	42
<i>La Carlota</i>	46	41	38	57	46
<i>Laosag</i>	70	66	62	50	44
<i>Lapu-Lapu</i>	99	80	69	49	37
<i>Legaspi</i>	100	88	84	61	47
<i>Lipa</i>	121	106	94	64	47
<i>Lucena</i>	108	92	77	49	33
<i>Mandaue</i>	111	76	59	29	19
<i>Manila</i>	1,630	1,479	1,331	1,139	984
<i>Marawi</i>	54	63	56	27	20
<i>Naga</i>	91	83	80	56	56

BY CITY: CENSUS YEARS 1948 to 1980

(km)	Density (person/km2)				
	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	128.9	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
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

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)
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

abolished in December 1975 under P. D. 840

Source: National Statistics Office.

BY CITY: CENSUS YEARS 1948 to 1980

(km)	Density (person/km2)				
	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
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

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

Year	Total Population	Urban	Rural
1950	20,274,800	...	...
1955	23,568,000	...	...
1960 (Feb 15)	27,087,585	...	...
1965	31,880,368	...	...
1970 (May 6)	36,684,486	11,677,820	25,006,666
1971	37,862,421	12,186,125	25,676,296
1972	39,519,457	12,644,689	26,874,768
1973	39,390,059	13,120,509	26,269,550
1974	40,656,345	13,164,233	27,492,112
1975 (May 1)	42,070,565	14,046,527	28,024,138
1976	43,406,278	14,872,747	28,533,531
1977	44,584,324	15,619,210	28,965,114
1978	45,794,343	16,403,138	29,391,205
1979	47,037,201	17,226,412	29,810,789
1980 (May 1)	48,098,460	17,943,897	30,154,563
1981	49,536,022	18,680,256	30,855,766
1982	51,283,065	19,429,664	31,853,401
1983	52,055,370	20,203,280	31,852,090
1984	53,351,220	21,000,880	32,350,340
1985	54,668,332	21,821,760	32,846,572
1986	56,004,130	22,665,184	33,338,946
1987	57,356,042	23,530,304	33,825,738
1988	58,721,307	24,416,144	34,305,163
1989	59,986,988	25,321,600	34,665,388
1990	61,480,180	26,245,568	35,234,612
1991	62,868,212	27,186,816	35,681,396
1992	64,258,611	28,144,256	36,114,355
1993	65,649,273	29,116,784	36,532,489
1994	67,038,341	30,103,392	36,934,949
1995	68,424,077	31,103,216	37,320,861
1996	69,803,799	32,114,736	37,689,063
1997	71,174,977	33,144,672	38,030,305
1998	72,536,193	34,176,208	38,359,985
1999	73,886,275	35,216,288	38,669,987
2000	75,223,853	36,263,600	38,960,253

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

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

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

Census Years.

Source: National Statistics Office.

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

Age group	Philippines			Both Sexes
	Both Sexes	Male	Female	
All ages	48,098,460	24,128,755	23,969,705	17,943,897
<i>Under 1 year ...</i>	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 and region	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
(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
<i>Under 1 year ...</i>	115,274	58,901	56,373	24,789
<i>1- 4</i>	401,843	207,414	194,429	87,949
<i>5- 9</i>	473,649	244,660	228,989	105,724
<i>10-14</i>	447,884	229,515	218,369	105,864
<i>15-19</i>	379,356	191,436	187,920	96,439
<i>20-24</i>	303,571	149,713	153,858	76,755
<i>25-29</i>	244,742	120,080	124,662	58,855
<i>30-34</i>	211,284	103,785	107,499	52,918
<i>35-39</i>	175,790	86,714	89,076	42,263
<i>40-44</i>	158,050	76,066	81,984	38,083
<i>45-49</i>	129,283	61,853	67,430	30,859
<i>50-54</i>	115,079	54,028	61,051	27,471
<i>55-59</i>	104,073	48,533	55,540	24,368
<i>60-64</i>	88,439	40,407	48,032	20,165
<i>65-69</i>	72,873	32,888	39,985	17,922
<i>70-74</i>	51,704	23,345	28,359	13,544
<i>75 and over</i>	67,999	30,781	37,218	17,597

BY REGION, URBAN-RURAL: 1980
(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
(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
<i>Under 1 year ...</i>	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
<i>20-24</i>	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
<i>45-49</i>	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
<i>70-74</i>	45,361	21,663	23,698	19,147
<i>75 and over</i>	53,074	24,298	28,776	22,751

BY REGION, URBAN-RURAL: 1980*(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
<i>Under 1 year ...</i>	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
<i>20-24</i>	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
<i>45-49</i>	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
<i>70-74</i>	58,872	28,913	29,959	22,782
<i>75 and over</i>	62,205	30,619	31,586	24,840

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

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

BY REGION, URBAN-RURAL: 1980
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	4,525,615	2,265,780	2,259,835	1,282,340
<i>Under 1 year ...</i>	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	46,910	23,190	23,720	14,165
<i>75 and over</i>	54,141	25,542	28,599	17,019

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
620,907	661,433	3,243,275	1,644,873	1,598,402
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	410,561	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	32,745	16,646	16,099
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*(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	2,799,534	1,423,846	1,375,688	609,521
<i>Under 1 year ...</i>	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
<i>20-24</i>	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
<i>45-49</i>	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
<i>70-74</i>	31,525	15,621	15,904	8,280
<i>75 and over</i>	31,408	16,108	15,300	8,866

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
301,326	308,195	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	4,395	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	
<i>All ages</i>	2,528,506	1,281,439	1,247,067	431,355
<i>Under 1 year ...</i>	85,120	43,964	41,156	14,403
1- 4	341,049	173,264	167,785	52,825
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
<i>75 and over</i>	13,452	7,006	6,446	2,845

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
212,795	218,560	2,097,151	1,068,644	1,028,507
7,654	6,749	70,717	36,310	34,407
26,987	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
<i>Under 1 year ...:</i>	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
<i>20-24</i>	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
<i>45-49</i>	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
<i>70-74</i>	19,366	10,194	9,172	5,429
<i>75 and over</i>	17,390	9,152	8,238	4,958

BY REGION, URBAN-RURAL: 1980*(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
<i>Under 1 year ...</i>	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*(on the 20 percent sample)*

Urban		Rural		
Male	Female	Both Sexes	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	2,270,949	1,148,920	1,122,029	427,203
<i>Under 1 year ...</i>	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	283,631	145,399	138,232	51,765
15-19	240,115	115,830	124,285	50,008
<i>20-24</i>	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
<i>45-49</i>	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
<i>70-74</i>	9,652	5,210	4,442	2,287
<i>75 and over</i>	10,114	5,392	4,722	2,610

Source: National Statistics Office.

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
209,298	217,905	1,843,746	939,622	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	231,866	119,895	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 1	1,502,574	...	Buzeta
1800 1	1,561,251	3.90000	Zuniga
1812 1	1,933,331	1.79727	Cedulas
1819 1	2,106,230	1.23119	Cedulas
1829 1	2,593,287	2.10204	Church
1840 1	3,096,031	1.62391	Local officials
1850 1	3,857,424	2.23312	Buzeta
1858 1	4,290,381	1.33859	Bowring
1870 1	4,712,006	0.78419	Guia de Manila
1877 1	5,567,685	2.41243	Census
1887 1	5,984,727	0.72492	Census
1896 1	6,261,339	0.50329	Prof. Plehn's estimate based on census records.
1903 2	7,635,426	2.87489	Census
1918 3	10,314,310	1.89735	Census
1939	16,000,303	2.21955	Census
1948	19,234,182	1.90601	Census
1960	27,087,685	3.05710	Census
1970	36,684,486	3.01190	Census
1975	42,070,660	2.78572	Census
1980	48,098,460	2.71417	Census

1 Population from 1799 to 1896 excludes non-Christians.

2 Includes 647,740 non-Christians.

3 Includes 932,953 non-Christians.

Source: National Statistics Office.

Figure 1.3 Population Density by Region: 1 May 1980

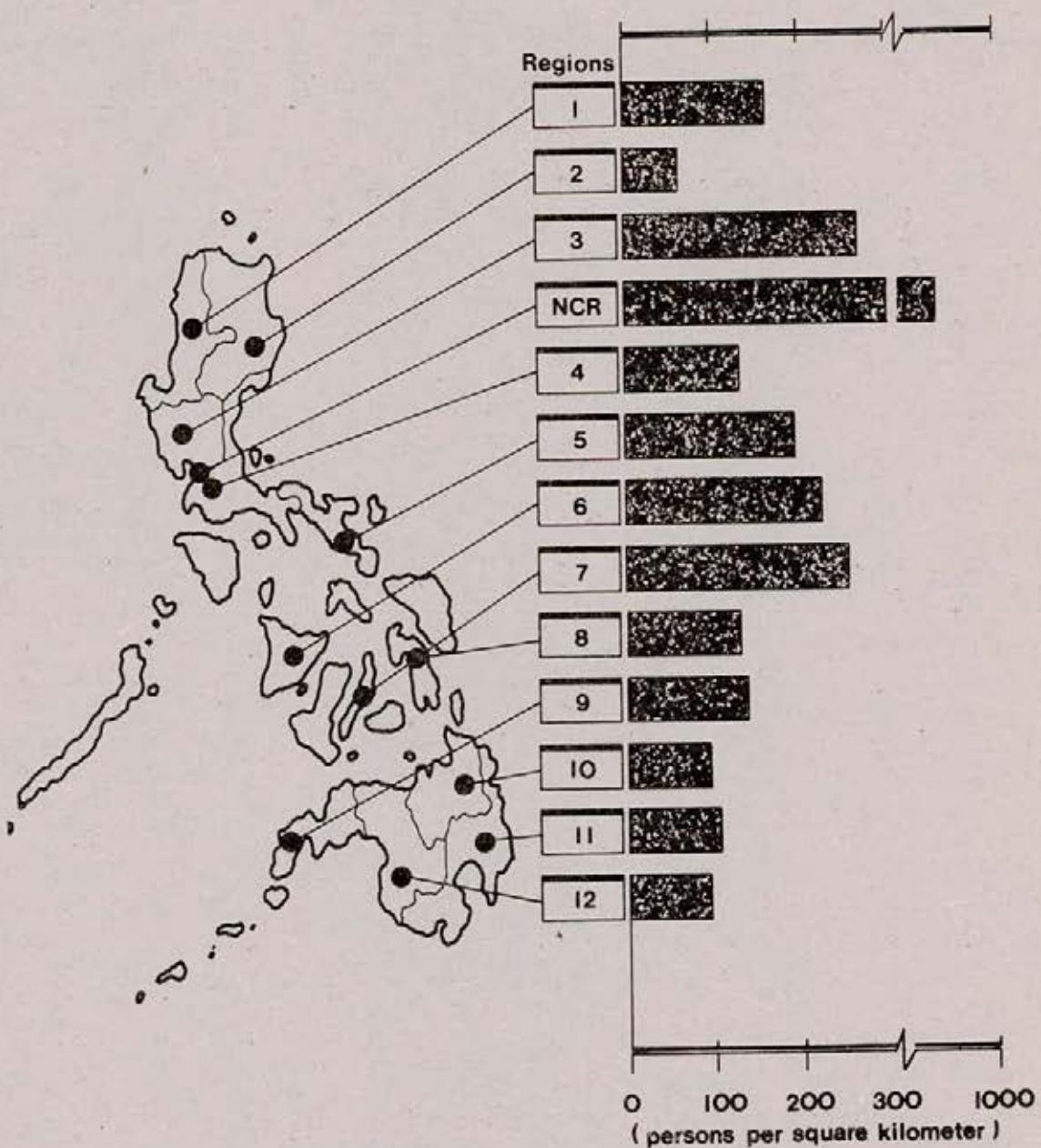


Table 1.6 - SEX RATIO OF THE POPULATION

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

Source: National Statistics Office.

BY REGION: CENSUS YEARS 1960 to 1980

Males per 100 females	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 1.7 – POPULATION PROJECTIONS FOR THE PHILIPPINES,
(Low Assumption – Rapid Fertility and
(In**

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

BY SEX AND BY REGION: 1980 TO 2030*Moderate Mortality Decline)**(thousands)*

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

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

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

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

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

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

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

BY SEX AND BY REGION: 1980 TO 2030***Moderate Mortality Decline)******(thousands)***

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

(Moderate Mortality Decline)

(thousands)

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

*Moderate Mortality Decline)
thousands)*

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

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

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

Source: National Statistics Office.

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

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

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

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
1980	48,317	24,232	24,085	5,971	2,872	3,099
1981	49,536	24,846	24,690	6,155	2,958	3,198
1982	50,783	25,475	25,308	6,345	3,046	3,299
1983	52,055	26,117	25,938	6,540	3,137	3,403
1984	53,351	26,772	26,579	6,740	3,230	3,509
1985	54,668	27,437	27,231	6,942	3,326	3,616
1986	56,004	28,112	27,891	7,147	3,423	3,725
1987	57,356	28,796	28,560	7,354	3,520	3,834
1988	58,721	29,486	29,235	7,561	3,618	3,943
1989	60,097	30,183	29,914	7,768	3,716	4,052
1990	61,480	30,883	30,598	7,974	3,814	4,160
1991	62,868	31,585	31,283	8,178	3,911	4,267
1992	64,259	32,290	31,969	8,380	4,007	4,373
1993	65,649	32,995	32,654	8,579	4,101	4,478
1994	67,038	33,699	33,339	8,776	4,195	4,582
1995	68,424	34,403	34,021	8,971	4,287	4,684
1996	69,804	35,103	34,701	9,162	4,378	4,785
1997	71,175	35,800	35,375	9,350	4,466	4,884
1998	72,536	36,492	36,044	9,535	4,554	4,981
1999	73,886	37,178	36,708	9,716	4,640	5,076
2000	75,224	37,859	37,365	9,895	4,724	5,171

BY SEX AND BY REGION: 1980 TO 2030***Moderate Mortality Decline)******(thousands)***

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

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

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

BY SEX AND BY REGION: 1980 TO 2030***Moderate Mortality Decline)******(thousands)***

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

*(Moderate Mortality Decline)
thousands)*

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

*Moderate Mortality Decline)**(thousands)*

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

(Moderate Mortality Decline)

(thousands)

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

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

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

Source : National Statistics Office.

BY SEX AND BY REGION: 1980 TO 2030

Moderate Mortality Decline)

(thousands)

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

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

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

BY SEX AND BY REGION: 1980 TO 2030*Moderate Mortality Decline)**(thousands)*

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

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

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

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

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

(Moderate Mortality Decline)

(thousands)

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

*Moderate Mortality Decline)**(thousands)*

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

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

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

BY SEX AND BY REGION: 1980 TO 2030

Moderate Mortality Decline
(thousands)

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

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

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

Source: National Statistics Office.

BY SEX AND BY REGION: 1980 TO 2030**Moderate Mortality Decline)****(thousands)**

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

Table A.10 - 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	1,148,277	532,378	615,899	204,778	100,271	104,507
<i>Metropolitan Manila Area (NCR)</i>	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	
-	-	-	6,567	2,998	3,569	
13,004	6,978	6,026	-	-	-	
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 1.10 - INTER-REGIONAL MIGRANTS

Region of destination	Region					
	3			4		
	Both Sexes	Male	Female	Both Sexes	Male	Female
<i>All regions of destination</i>	92,255	43,902	48,353	114,683	51,002	63,681
<i>Metropolitan</i>						
<i>Manila Area (NCR)</i>	51,246	22,846	28,400	75,386	31,429	43,957
<i>Region 1</i>	6,761	3,136	3,625	3,597	1,759	1,838
<i>Region 2</i>	8,418	4,629	3,789	2,093	1,135	958
<i>Region 3</i>	-	-	-	13,664	6,240	7,424
<i>Region 4</i>	16,001	8,155	7,846	-	-	-
<i>Region 5</i>	3,284	1,801	1,483	9,648	4,984	4,664
<i>Region 6</i>	1,436	754	682	3,154	1,583	1,571
<i>Region 7</i>	721	318	403	1,765	1,027	738
<i>Region 8</i>	839	372	467	1,547	806	741
<i>Region 9</i>	499	262	237	432	204	228
<i>Region 10</i>	929	519	410	1,171	668	503
<i>Region 11</i>	1,051	526	525	1,477	721	756
<i>Region 12</i>	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	
-	-	-	1,009	519	490	
1,544	731	813	-	-	-	
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 1.10 - 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 (NCR)	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	-	-	-	7,215	3,045	4,170
Region 8	6,005	2,996	3,009	-	-	-
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	
-	-	-	6,658	3,518	3,140	
10,951	5,586	5,365	-	-	-	
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 1.10 – 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
<i>All regions of destination</i>	62,080	30,735	31,345	38,572	19,676	18,896
<i>Metropolitan</i>						
<i>Manila Area (NCR)</i>	8,612	3,698	4,914	5,353	2,720	2,633
<i>Region 1</i>	748	332	416	519	283	236
<i>Region 2</i>	481	255	226	217	119	98
<i>Region 3</i>	1,191	549	642	635	276	359
<i>Region 4</i>	2,404	1,111	1,293	1,191	590	601
<i>Region 5</i>	604	275	329	257	174	83
<i>Region 6</i>	2,943	1,439	1,504	1,508	745	763
<i>Region 7</i>	8,721	4,480	4,241	2,322	1,158	1,164
<i>Region 8</i>	2,999	1,564	1,435	672	425	247
<i>Region 9</i>	2,278	1,251	1,027	2,483	1,297	1,186
<i>Region 10</i>	18,191	9,330	8,861	11,168	5,608	5,560
<i>Region 11</i>	0	0	0	12,247	6,281	5,966
<i>Region 12</i>	12,908	6,451	6,457	0	0	0

Source: National Statistics Office.

Figure 1.3 Number of Occupied Dwelling Units in the Philippines
by Type of Building: 1 May 1980

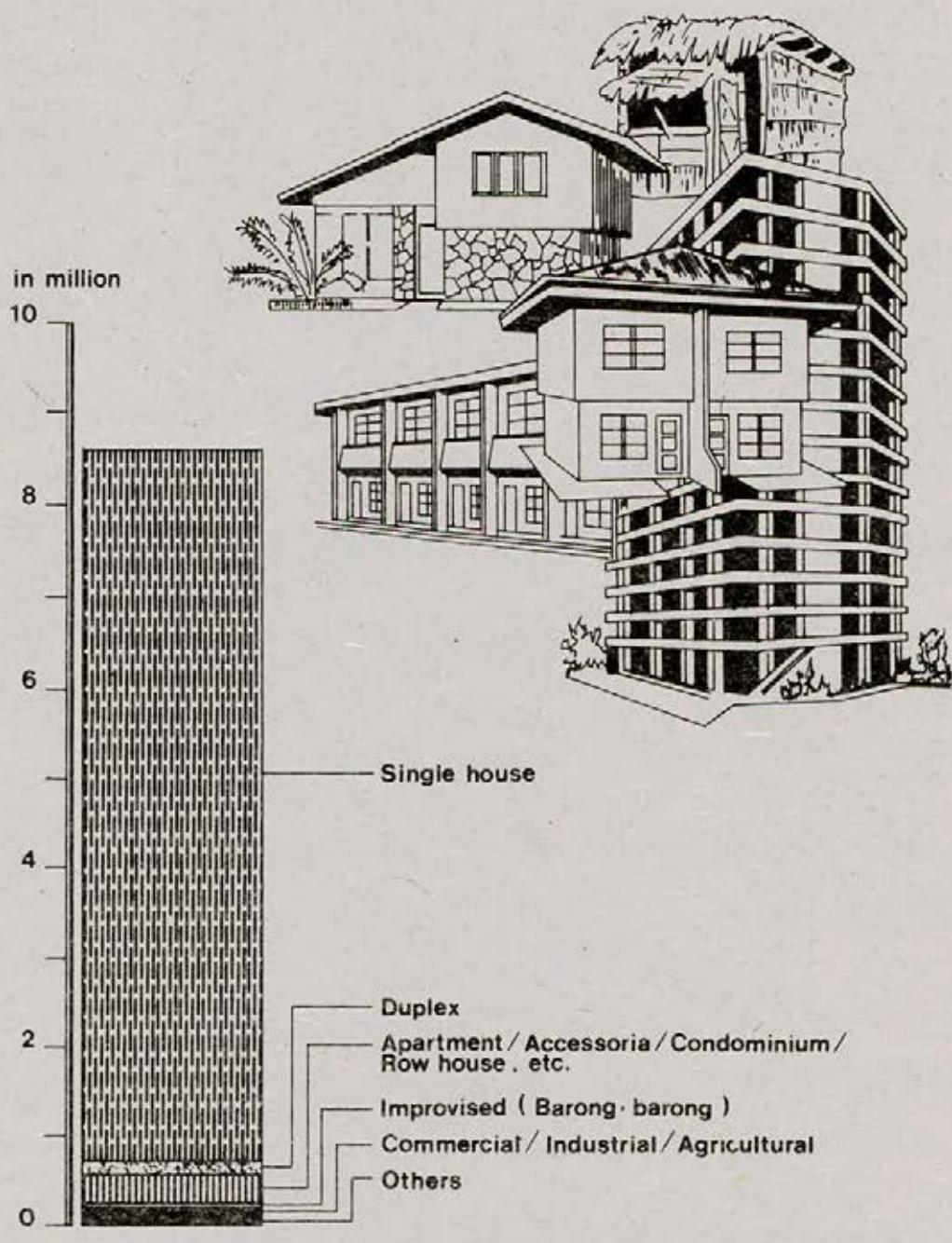


Table 1.11 – NUMBER OF OCCUPIED DWELLING
(Figures are estimates based

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 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
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 1.12 - 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
<i>1976 - 1980</i>	3,372,707	39.19
<i>1971 - 1975</i>	1,930,037	22.42
<i>1961 - 1970</i>	1,829,416	21.25
<i>1951 - 1960</i>	910,494	10.58
<i>1941 - 1950</i>	335,874	3.90
<i>1942 - 1950</i>	228,659	2.66
By kind of lighting:	8,607,187	100.00
<i>Electricity</i>	3,217,726	37.38
<i>Kerosene</i>	5,156,235	59.91
<i>Liquified Petroleum Gas</i>	166,423	1.93
<i>Oil</i>	10,279	0.12
<i>Others</i>	56,524	0.66
By type of toilet facilities:	8,607,187	100.00
<i>Water-sealed sewer/septic tank, used exclusively by the household</i>	1,748,039	20.31
<i>Water-sealed sewer/septic tank, shared with other households</i>	531,360	6.17
<i>Water-sealed other depository, used exclusively by the household</i>	1,360,239	15.80
<i>Water-sealed other depository, shared with other households</i>	549,207	6.38
<i>Closed pit (antipolo, etc.)</i>	1,440,154	16.73
<i>Open pit</i>	1,274,216	14.80
<i>Other (pail system, etc.)</i>	153,940	1.79
<i>None</i>	1,550,032	18.01
By kind of cooking fuel:	8,607,187	100.00
<i>Electricity</i>	297,169	3.45
<i>Kerosene</i>	956,710	11.12
<i>Liquified Petroleum Gas</i>	1,010,316	11.74
<i>Wood, charcoal</i>	6,214,661	72.20
<i>Other</i>	128,331	1.49

Source: National Statistics Office.

**Table 1.12 - NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS:
MAY 1980 CENSUS (continued)**
(Figures are estimates based on the 20 percent sample)

Characteristic	Number	Percent
<i>By type of building:</i>	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
<i>By type of occupancy:</i>	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
<i>By floor area:</i>	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
<i>By tenure of the owner-occupant with respect to the land:</i>	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
<i>With Households appliances:</i>		
Radio	5,615,794	
Television	1,391,941	
Refrigerator/freezer	1,114,408	

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 NSO.

All income and expenditure data are collected through direct interviews with the head of the family or his wife or with any responsible member of the family. 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; 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 NSO Survey of Households Bulletin.

The concepts and definitions of urban and rural areas used in the FIES changed from one survey period to another since 1961. Percentage distribution of urban-rural 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.

Poverty incidence presents the proportion of families earning incomes less than the poverty line. The incidence in 1988 was computed based on the preliminary results of the 1988 Family Income and Expenditure Survey (1988) and the 1985 poverty threshold levels, updated and inflated to 1988 prices.

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, and (5) the inflation rate based on the CPI.

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

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

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.

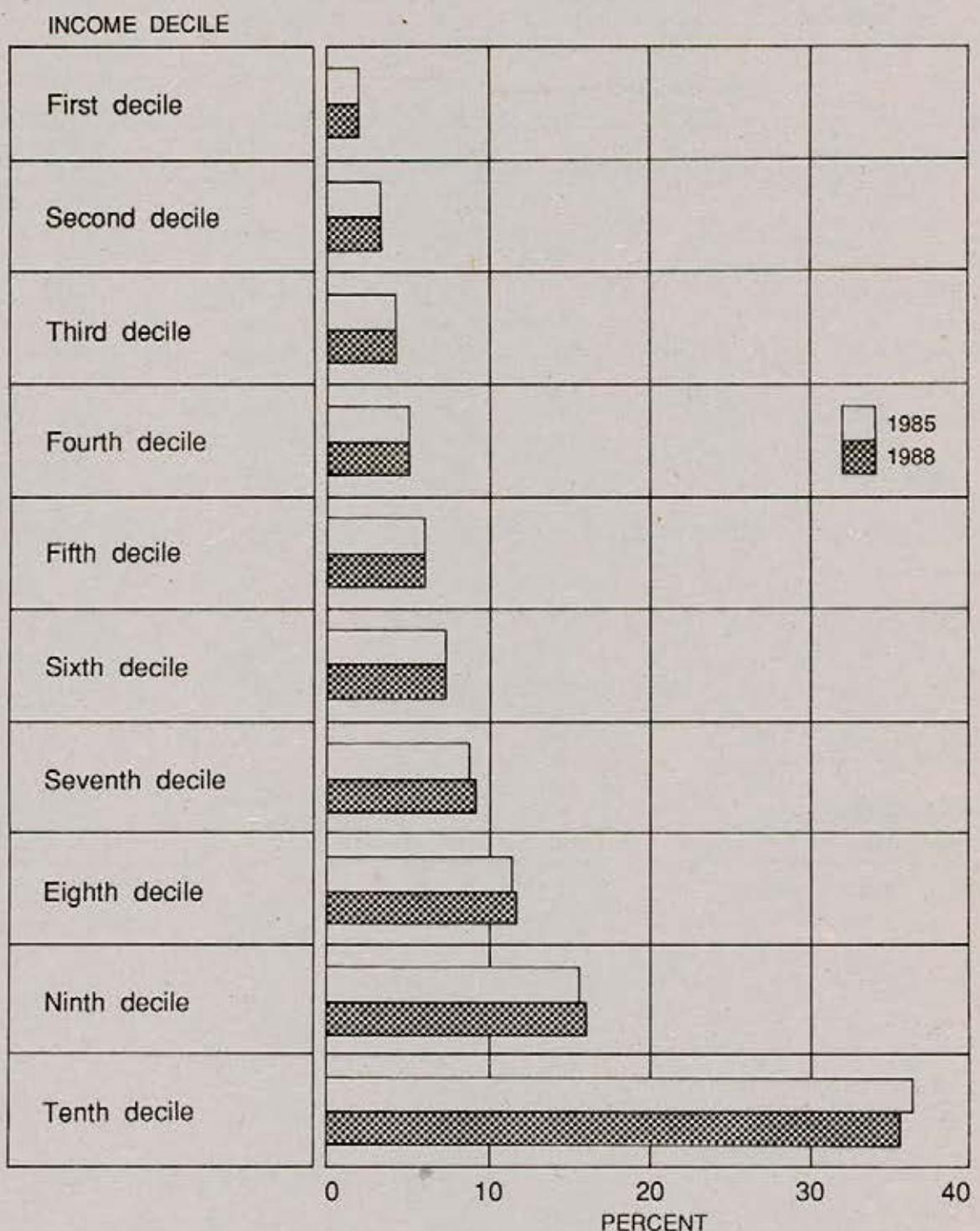
At present, the agencies responsible for the collection of basic price data on commodities that are entered in the computation of these indices are the Bureau of Agricultural Statistics (BAS), National Food Authority (NFA) and the NSO. The NSO computes the consumer, retail and wholesale price indices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

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Figure 2.1 Percentage Distribution of Total Family Income by Income Decile,
Philippines, 1985 and 1988



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

Income class	1961			Total number of families (thousands)
	Total number of families (thousands)	Total income (thousand pesos)	Average income (pesos)	
<i>Total</i>	4,426	7,981,766	1,804	5,126
<i>Under P 2,000</i>	3,366	3,108,682	924	3,050
<i>2,000 to 3,999</i>	698	1,908,970	2,735	1,353
<i>4,000 to 5,999</i>	184	902,359	4,904	378
<i>6,000 to 7,999</i>	84	569,572	6,803	129
<i>8,000 to 9,999</i>	30	268,254	8,890	79
<i>10,000 and over</i>	63	1,223,929	19,328	136
<i>10,000 to 14,999</i>				
<i>15,000 to 19,999</i>				
<i>20,000 and over</i>				
<i>Median income (pesos)</i>		1,105		

Source: National Statistics Office.

TOTAL AND AVERAGE FAMILY INCOME

1961, 1965 and 1971

1965		1971		
Total income (thousand pesos)	Average income (pesos)	Total number of families (thousands)	Total income (thousand pesos)	Average income (pesos)
13,023,610	2,541	6,347	23,714,284	3,736
3,126,075	1,025	2,617	2,959,432	1,131
3,766,459	2,784	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)
<i>Total</i>	9,847	305,775,274	31,052	264,551,855	26,865
<i>Under P 6,000</i>	376	1,699,850	4,523	2,079,228	5,532
<i>6,000 - 9,999</i>	1,117	9,202,175	8,240	9,940,445	8,901
<i>10,000 - 14,999</i>	1,778	22,207,257	12,490	22,240,849	12,509
<i>15,000 - 19,999</i>	1,540	26,769,814	17,385	25,841,737	16,782
<i>20,000 - 29,999</i>	1,936	47,373,441	24,465	44,544,140	23,004
<i>30,000 - 39,999</i>	1,086	37,402,390	34,452	33,584,417	30,935
<i>40,000 - 59,999</i>	1,044	50,498,966	48,393	43,784,484	41,958
<i>60,000 - 99,999</i>	626	47,225,272	75,471	39,067,076	62,433
<i>100,000 and over</i>	346	63,396,111	183,439	43,469,480	125,781
<i>Median (pesos)</i>		20,480		18,988	

Source: National Statistics Office.

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

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

Urban

Total	3,726	171,869,677	46,127	145,815,208	39,134
<i>Under P 6,000</i>	45	195,664	4,349	288,623	6,415
6,000 - 9,999	168	1,380,440	8,239	1,557,600	9,296
10,000 - 14,999	369	4,678,960	12,681	4,921,564	13,338
15,000 - 19,999	444	7,786,993	17,553	7,907,224	17,824
20,000 - 29,999	757	18,737,649	24,742	18,359,192	24,243
30,000 - 39,999	553	19,202,853	34,703	17,572,202	31,756
40,000 - 59,999	647	31,447,237	48,637	27,996,901	43,301
60,000 - 99,999	457	34,814,518	76,126	29,599,596	64,723
100,000 and over	286	53,625,363	187,278	37,612,306	131,355

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Rural

Total	6,121	133,905,597	21,875	118,736,647	19,397
<i>Under P 6,000</i>	331	1,504,186	4,546	1,790,605	5,412
6,000 - 9,999	949	7,821,735	8,240	8,382,844	8,831
10,000 - 14,999	1,409	17,528,298	12,440	17,319,285	12,291
15,000 - 19,999	1,096	18,982,821	17,317	17,934,513	16,360
20,000 - 29,999	1,179	28,635,792	24,288	26,184,948	22,209
30,000 - 39,999	532	18,199,536	34,191	16,012,214	30,082
40,000 - 59,999	397	19,051,728	47,995	15,787,583	39,772
60,000 - 99,999	168	12,410,754	73,692	9,467,480	56,216
100,000 and over	59	9,770,747	164,889	5,857,174	98,845

Source: National Statistics Office.

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Table 2.4 - NUMBER OF FAMILIES, AVERAGE ANNUAL

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

¹ 1988 FIES preliminary results.

Source: National Statistics Office.

INCOME AND EXPENDITURES BY REGION: 1985 and 1988

Number of families (thousand)	1988 (at current prices) ¹			1988 (at 1985 prices) ¹		
	Average Income	Average Expenditures	Savings	Average Income	Average Expenditures	Savings
10,666	39,728	32,214	7,514	34,933	28,326	6,607
4,079	58,948	46,742	12,206	51,833	41,100	10,733
6,587	27,826	23,218	4,608	24,467	20,416	4,051
1,431	77,093	60,040	17,053	62,323	48,537	13,786
214	33,357	29,083	4,274	29,725	25,917	3,808
624	33,421	27,268	6,153	31,098	25,372	5,726
438	32,765	24,301	8,464	28,013	20,777	7,236
1,038	46,034	38,161	7,873	40,783	33,808	6,975
1,421	38,381	32,425	5,956	33,488	28,291	5,197
738	26,676	22,745	3,931	23,400	19,952	3,448
957	30,397	26,885	3,512	28,090	24,845	3,245
830	27,351	21,928	5,423	25,013	20,054	4,959
598	25,069	19,905	5,164	22,340	17,736	4,602
539	32,033	23,851	8,182	29,659	22,083	7,576
607	34,422	28,287	5,135	31,737	26,080	5,657
738	36,680	29,613	7,067	31,716	25,605	6,111
493	34,605	27,616	6,989	31,013	24,749	6,264

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 (thousands pesos)	Average (pesos)	Total (thousands pesos)	Average (pesos)
<i>Total</i>	9,847	305,775,274	31,052	264,551,855	26,865
<i>Under P 6,000</i>	412	2,303,627	5,598	1,869,200	4,542
<i>6,000 – 9,999</i>	1,203	11,400,725	9,474	9,871,507	8,203
<i>10,000 – 14,999</i>	1,965	27,350,230	13,918	24,534,722	12,486
<i>15,000 – 19,999</i>	1,627	31,423,987	19,319	28,169,323	17,318
<i>20,000 – 29,999</i>	1,970	53,954,372	27,383	48,274,113	24,501
<i>30,000 – 39,999</i>	1,041	40,264,296	38,669	35,852,578	34,432
<i>40,000 – 59,999</i>	906	49,642,384	54,797	43,665,898	48,200
<i>60,000 – 99,999</i>	512	44,584,411	87,073	38,487,874	75,166
<i>100,000 and over</i>	211	44,851,242	212,318	33,826,639	160,129

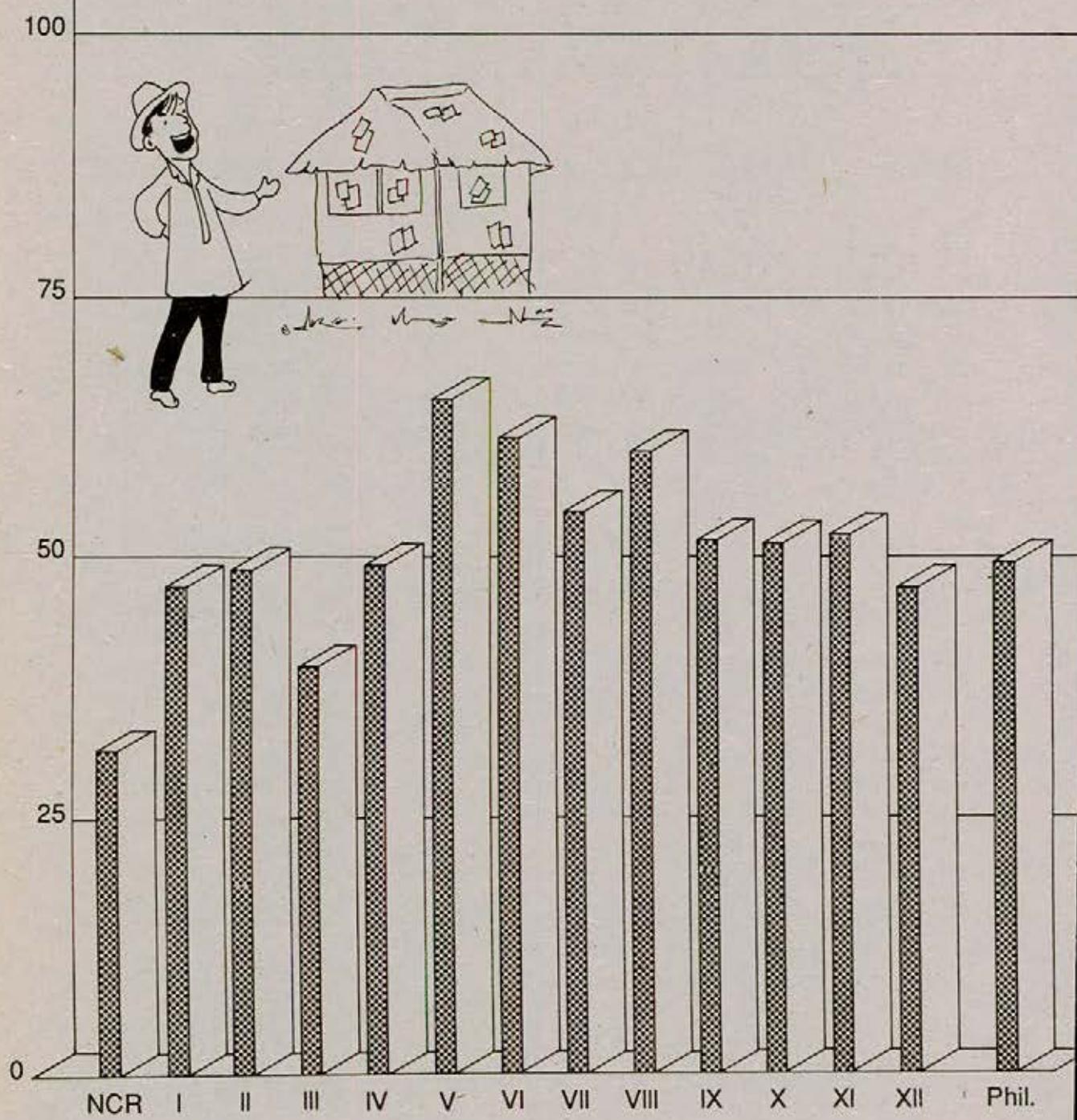
Source: National Statistics Office.

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

Source: National Statistics Office.

Figure 2.2 Incidence of Poverty, by Region, 1988



**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
<i>Wages and salaries</i>	1,595	1,996	2,727	3,966
<i>Percent to total</i>	36.0	38.9	43.0	40.3
<i>Entrepreneurial activities</i>	2,567	2,877	3,235	4,026
<i>Percent to total</i>	58.1	56.1	51.0	40.9
<i>Other sources</i>	261	253	384	1,855
<i>Percent to total</i>	5.9	4.9	6.0	18.8

Source: National Statistics Office.

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

Income decile	1961	1965	1971	1985	1988
<i>Total</i>	100.0	100.0	100.0	100.0	100.0
<i>First decile</i>	1.5	1.1	1.2	2.0	2.0
<i>Second decile</i>	2.7	2.4	2.4	3.2	3.2
<i>Third decile</i>	3.4	3.5	3.5	4.1	4.1
<i>Fourth decile</i>	4.5	4.6	4.6	5.0	5.0
<i>Fifth decile</i>	5.5	5.7	5.9	6.0	6.0
<i>Sixth decile</i>	6.6	7.1	7.4	7.3	7.3
<i>Seventh decile</i>	8.3	8.9	9.9	8.9	9.1
<i>Eighth decile</i>	11.0	11.2	11.1	11.4	11.6
<i>Ninth decile</i>	15.5	15.4	16.9	15.7	16.1
<i>Tenth decile</i>	41.0	40.1	37.1	36.4	35.7

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

Source: National Statistics Office

Table 2.10 – INCIDENCE OF POVERTY BY REGION: 1985 and 1988

Region	1985		1988 ¹	
	Poverty Threshold ²	Poverty Incidence ³	Poverty Threshold ²	Poverty Incidence ³
<i>Philippines</i>	2,381	59.0	2,709	49.5
<i>National Capital Region</i>	3,292	43.9	4,037	31.8
<i>Ilocos Region</i>	2,399	51.6	2,597	47.5
<i>Cagayan Valley Region</i>	2,201	55.7	2,576	48.9
<i>Central Luzon Region</i>	2,552	43.5	2,881	39.6
<i>Southern Tagalog Region</i>	2,471	55.2	2,832	49.3
<i>Bicol Region</i>	2,143	73.5	2,443	65.3
<i>Western Visayas Region</i>	2,453	73.4	2,654	61.8
<i>Central Visayas Region</i>	1,987	69.9	2,173	54.6
<i>Eastern Visayas Region</i>	2,015	70.2	2,263	60.5
<i>Western Mindanao Region</i>	2,119	63.0	2,289	52.0
<i>Northern Mindanao Region</i>	2,249	65.6	2,439	51.5
<i>Southern Mindanao Region</i>	2,389	60.2	2,763	52.2
<i>Central Mindanao Region</i>	2,212	63.6	2,468	47.1

¹1988 FIES preliminary results.

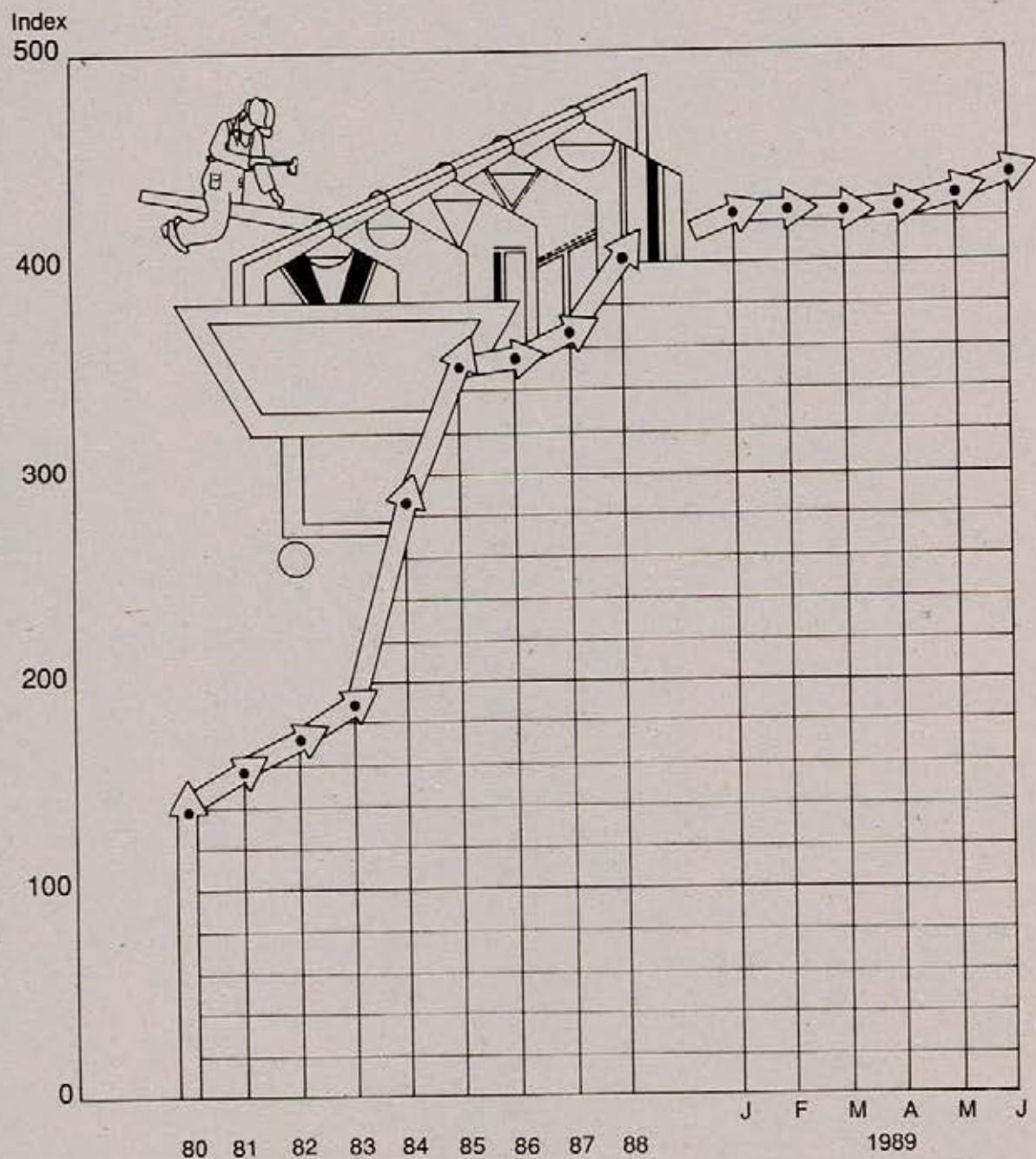
²Minimum average monthly income that a family of 6 members should receive to be considered above poverty.

For 1988, the poverty threshold levels were derived using 1985 levels inflated to 1988 prices.

³Proportion of families below poverty level.

Source: National Statistics Office.

Figure 2.3 Consumer Price Index for All Income Households in the Philippines,
1980 - 1989
(1978 = 100)



**Table 2.11 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND
INFLATION RATE: 1973 to 1989**

Year	Philippines		Metro Manila		Areas Outside Metro Manila	
	Index for All Items	Inflation Rate (%)	Index for All Items	Inflation Rate (%)	Index for All Items	Inflation Rate (%)
1973	53.9	16.2	57.0	15.9	53.3	15.9
1974	72.5	34.5	76.1	33.5	71.8	34.7
1975	77.5	6.9	82.3	8.2	76.6	6.7
1976	85.0	9.7	86.7	5.4	84.7	10.6
1977	93.0	9.4	93.5	7.8	92.9	9.7
1978	100.0	7.2	100.0	7.0	100.0	7.6
1979	117.5	17.5	119.3	19.3	117.2	17.2
1980	138.9	18.2	141.5	18.6	138.4	18.1
1981	157.1	13.1	158.7	12.2	156.8	13.3
1982	173.2	10.3	176.2	11.0	172.6	10.1
1983	190.5	10.0	195.3	10.8	189.6	9.9
1984	286.4	50.3	291.5	49.3	285.4	50.5
1985	352.6	23.1	351.9	20.7	352.8	23.6
1986	355.3	0.8	370.5	5.3	352.3	-0.1
1987	368.7	3.8	395.5	6.8	363.6	3.2
1988	401.0	8.8	435.3	10.1	394.4	8.5
January	388.1	8.5	417.3	9.8	382.4	8.2
February	391.5	8.8	423.2	10.2	385.4	8.5
March	394.0	9.4	425.5	10.2	387.9	9.2
April	394.6	9.7	426.4	10.6	388.4	9.5
May	396.5	9.2	430.2	10.9	390.0	8.9
June	400.6	9.0	437.6	10.9	393.5	8.6
July	403.2	8.5	438.9	10.2	396.3	8.1
August	404.9	8.6	439.9	10.5	398.1	8.2
September	404.6	7.6	440.9	8.8	397.6	7.3
October	405.4	7.8	441.2	8.4	398.5	7.6
November	412.3	9.1	451.4	10.8	404.8	8.7
December	416.7	9.1	451.1	9.4	410.0	9.0
1989						
January	423.2	9.0	454.7	9.0	417.1	9.1
February	425.0	8.6	460.1	8.7	418.2	8.5
March	424.2	7.7	457.0	7.4	417.9	7.7
April	426.6	8.1	461.7	8.3	419.8	8.1
May	431.0	8.7	466.6	8.5	424.1	8.7
June	439.4	9.7	475.8	8.7	432.4	9.9

Source: National Statistics Office

**Table 2.12 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN THE PHILIPPINES: 1970 to 1989**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
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
1987	368.7	343.0	416.9	376.8	520.1	389.1	371.4
1988	401.0	380.4	441.5	405.8	552.2	410.5	392.8
January	388.1	366.3	430.5	389.0	550.7	399.4	381.6
February	391.5	369.3	432.7	393.3	562.7	400.6	385.2
March	394.0	372.5	434.5	397.5	559.5	401.3	387.1
April	394.6	372.8	437.0	398.2	558.1	402.3	388.5
May	396.5	375.4	438.2	401.4	555.9	402.4	389.9
June	400.6	379.3	440.7	407.3	551.6	412.5	392.0
July	403.2	382.0	442.8	408.2	551.7	418.6	393.5
August	404.9	383.6	444.8	411.1	552.8	419.0	395.2
September	404.6	382.5	446.6	415.0	548.4	418.5	397.0
October	405.4	383.0	448.5	415.4	549.2	418.8	399.7
November	412.3	394.4	450.2	416.0	549.7	418.5	401.2
December	416.7	403.5	451.9	416.6	536.6	414.5	402.5
1989							
January	423.2	412.2	453.8	425.4	538.7	415.1	403.7
February	425.0	412.3	456.5	430.9	550.2	416.8	406.2
March	424.2	409.4	459.5	433.7	551.7	417.5	408.7
April	426.6	410.6	462.2	440.8	556.5	420.4	411.0
May	431.0	416.5	465.2	443.9	559.4	521.3	413.8
June	439.4	423.7	468.9	454.0	569.7	439.0	419.3

**Table 2.13 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN METROPOLITAN MANILA AREA (NCR): 1973 TO 1989
(1978=100)**

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscellaneous
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
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
1987	395.5	364.6	468.8	400.2	593.0	392.1	378.8
1988	435.3	409.7	491.5	449.5	682.2	409.9	396.0
January	417.3	391.8	483.8	417.0	641.1	402.7	389.0
February	423.2	391.4	484.1	430.8	716.7	403.2	389.5
March	425.5	393.6	485.1	442.0	702.1	403.5	391.3
April	426.4	395.8	486.5	443.7	687.8	403.8	393.0
May	430.2	402.9	488.9	443.8	688.8	403.6	394.9
June	437.6	413.8	491.5	448.4	687.7	411.2	395.9
July	438.9	412.8	492.8	450.1	688.0	419.4	398.0
August	439.9	413.7	494.3	453.7	688.5	418.4	398.1
September	440.9	414.3	495.6	465.6	678.7	413.3	398.9
October	441.2	414.2	497.0	465.7	681.5	413.4	399.3
November	451.4	436.0	498.0	465.7	673.0	413.1	400.7
December	451.1	436.2	500.1	467.0	652.4	413.7	403.3
1989							
January	454.7	437.8	500.6	483.2	648.2	416.2	404.5
February	460.1	436.5	505.0	496.3	710.4	417.3	408.1
March	457.0	428.4	506.8	498.2	710.6	418.5	410.3
April	461.7	432.8	510.5	508.3	710.9	420.0	416.2
May	466.6	441.2	514.5	509.4	714.4	420.1	419.4
June	475.8	449.7	516.3	512.1	717.6	445.5	425.2

**Table 2.14 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN AREAS OUTSIDE METROPOLITAN MANILA AREA: 1973 TO 1989**
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
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
1987	363.6	339.7	406.4	369.5	506.6	388.2	369.9
1988	394.4	375.8	431.4	392.1	528.2	410.8	392.2
January	382.4	362.3	419.7	380.3	533.9	398.4	380.1
February	385.4	365.9	422.3	381.6	534.2	399.8	384.4
March	387.9	369.2	424.2	383.6	533.1	400.6	386.3
April	388.4	369.2	427.0	384.0	534.1	401.8	387.6
May	390.0	371.1	427.9	388.2	531.3	402.1	388.9
June	393.5	374.0	430.4	394.3	526.4	412.9	391.2
July	396.3	377.2	432.7	395.1	526.4	418.4	392.6
August	398.2	378.9	434.8	399.0	527.7	419.2	394.6
September	397.6	377.6	436.7	399.2	524.2	420.1	396.6
October	398.5	378.2	438.6	399.7	524.7	420.4	399.8
November	404.8	387.9	440.5	400.4	526.9	420.7	401.3
December	410.1	398.4	442.1	400.9	515.2	414.8	402.4
1989							
January	417.1	408.2	444.3	407.4	518.4	414.8	403.6
February	418.2	408.6	446.6	410.4	520.5	416.7	405.8
March	417.9	406.5	449.9	413.6	522.2	417.2	408.4
April	419.8	407.2	452.4	419.7	527.9	420.5	410.0
May	424.1	412.7	455.2	423.4	530.7	421.6	412.7
June	432.4	419.7	459.3	435.8	542.2	437.1	418.1

**Table 2.15 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN THE CORDILLERA AUTONOMOUS REGION: 1988 to 1989
(1978 = 100)**

Period	All Items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
<i>1988</i>							
January	386.0	350.2	401.3	494.0	503.5	421.9	406.9
February	386.5	351.8	402.4	494.2	480.2	422.8	409.0
March	386.7	351.3	404.2	495.9	483.6	423.3	410.0
April	390.9	357.5	406.3	496.7	483.7	423.4	410.8
May	390.9	356.9	410.2	497.4	483.7	422.9	412.3
June	391.8	357.9	410.8	497.7	478.0	424.7	416.1
July	393.8	360.9	412.8	497.8	480.2	421.8	418.2
August	396.6	365.3	412.8	497.8	480.2	421.8	418.5
September	396.2	364.6	413.9	497.7	477.2	421.4	420.5
October	396.5	364.3	416.0	498.2	477.0	422.3	425.5
November	397.8	365.8	419.6	498.6	474.9	421.6	428.2
December	408.7	383.1	420.4	498.6	474.2	421.4	428.3
<i>1989</i>							
January	413.0	390.0	420.1	501.4	479.1	415.2	429.5
February	413.0	389.6	423.4	501.7	475.6	415.5	430.6
March	414.9	391.3	426.3	504.2	477.8	417.8	431.8
April	417.9	395.4	429.9	506.3	479.9	418.6	429.0
May	427.0	407.7	443.8	506.7	474.9	423.6	431.2
June	435.0	417.8	451.5	507.4	479.3	428.2	438.9

Cordillera Autonomous Region (CAR) is composed of the provinces of Abra, Benguet, Ifugao, Kalinga-Apayao and Mt. Province.

**Table 2.16 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION I (ILOCOS): 1973 TO 1989**
(1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
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
1987	353.6	326.8	402.4	351.8	453.8	400.1	396.6
1988	382.6	360.8	422.4	377.6	479.8	416.2	416.9
January	372.9	347.7	413.8	375.4	484.3	407.0	407.6
February	373.5	348.7	415.0	375.6	482.0	407.2	408.9
March	373.7	348.5	416.2	375.8	482.4	408.0	410.0
April	377.3	353.9	418.1	376.2	484.7	409.8	410.2
May	378.8	355.9	420.1	376.3	484.7	409.4	411.9
June	380.5	358.4	422.4	377.0	478.8	411.4	414.6
July	383.9	362.1	423.3	377.1	479.8	422.1	415.7
August	386.4	366.1	423.4	377.1	479.8	422.5	416.4
September	386.0	364.4	425.3	380.0	478.5	422.6	419.3
October	387.4	365.4	428.0	380.2	483.0	422.9	424.2
November	393.5	374.1	429.6	380.2	483.5	427.2	430.7
December	397.8	383.9	434.1	380.2	456.3	423.7	432.8
1989							
January	396.2	384.2	448.3	345.6	463.1	428.4	438.1
February	396.6	383.2	449.3	347.3	469.5	429.8	440.5
March	396.1	379.6	449.5	348.0	489.0	430.5	442.7
April	405.2	389.7	454.0	353.5	518.5	431.9	444.7
May	410.2	397.2	453.4	354.6	521.3	432.5	448.0
June	419.4	404.4	467.3	357.2	564.8	435.0	459.1

**Table 2.18 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 3 (CENTRAL LUZON): 1973 TO 1988
(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
1987	390.5	370.9	446.1	373.9	495.2	418.9	391.9
1988	420.8	407.3	466.1	390.6	533.3	440.4	411.5
January	408.4	392.6	457.5	379.5	525.3	432.0	402.7
February	410.3	394.5	459.2	379.8	528.1	433.3	407.0
March	412.3	395.6	459.4	389.0	531.5	433.8	408.3
April	413.8	397.5	462.7	390.1	531.7	434.0	408.8
May	417.4	403.1	464.2	391.9	529.4	434.3	409.9
June	420.4	406.0	465.5	390.9	530.9	445.3	411.4
July	422.2	409.0	465.9	390.9	530.1	445.7	412.1
August	423.8	410.6	466.6	391.7	536.9	446.9	413.1
September	424.5	411.2	468.2	393.9	534.2	446.8	414.0
October	423.9	408.6	470.2	396.3	537.0	448.4	416.3
November	436.1	427.9	476.3	396.4	545.8	448.7	417.1
December	436.2	430.6	476.9	396.5	538.2	436.1	417.8
1989							
January	440.5	436.9	477.2	398.2	540.2	438.1	420.2
February	439.7	433.8	482.0	398.4	544.0	439.3	423.3
March	439.5	431.4	483.4	405.9	544.5	439.9	425.5
April	442.0	433.7	484.5	412.5	544.3	442.6	427.0
May	446.7	438.4	486.7	423.6	549.6	443.1	430.4
June	453.3	442.4	491.4	425.3	584.3	463.5	428.2

**Table 2.19 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 4 (SOUTHERN TAGALOG): 1973 TO 1989
(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
1987	349.9	338.7	420.4	300.3	432.5	376.4	358.8
1988	381.2	376.3	445.7	322.3	443.0	399.8	388.2
January	364.9	356.7	434.4	306.3	452.7	385.7	370.9
February	368.5	361.4	436.6	307.5	454.0	387.0	375.9
March	372.0	367.0	437.0	307.6	454.0	387.2	398.3
April	372.5	367.4	437.7	308.0	455.1	387.6	379.4
May	373.1	368.5	439.1	308.8	445.5	388.8	380.6
June	379.8	372.4	441.8	330.2	445.4	402.2	384.1
July	382.6	375.5	444.5	331.1	445.0	407.8	385.9
August	386.6	380.5	449.3	332.3	446.5	408.9	392.3
September	387.5	381.6	457.4	333.2	433.6	411.5	395.8
October	388.6	383.0	454.1	333.3	433.6	411.6	396.4
November	395.6	394.4	457.1	334.1	434.8	411.3	398.0
December	402.5	407.7	459.0	334.9	416.1	407.6	400.3
1989							
January	408.3	413.1	462.2	352.1	417.4	408.3	401.9
February	409.4	412.6	465.5	358.5	417.1	410.0	404.4
March	408.1	409.4	466.7	359.7	418.8	411.0	407.4
April	410.7	412.4	469.0	361.5	421.4	411.9	409.6
May	413.1	414.6	470.8	363.7	434.9	412.8	412.3
June	423.9	422.4	476.2	383.3	442.8	435.3	421.1

**Table 2.20 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 5 (BICOL): 1973 TO 1989
(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	355.3	329.1	404.5	358.9	511.0	376.9	360.5
1987	362.7	343.2	395.8	368.6	483.1	334.5	377.1
1988	399.8	386.1	424.9	393.7	532.9	351.8	401.0
January	391.4	380.0	412.8	383.2	516.9	341.8	390.7
February	396.4	385.3	417.7	384.0	529.4	342.7	394.4
March	396.2	384.2	417.6	385.2	532.2	344.0	396.1
April	396.0	383.3	418.9	385.9	530.6	344.4	398.7
May	396.4	382.9	420.4	389.6	533.8	344.7	400.4
June	401.1	386.8	425.2	395.7	535.2	356.1	403.8
July	399.3	382.8	426.9	397.3	535.6	358.7	404.3
August	399.6	382.8	428.5	400.4	534.1	359.1	403.1
September	398.8	380.9	430.4	399.9	537.1	357.4	404.5
October	399.8	381.9	432.1	399.8	537.2	359.7	404.3
November	407.0	393.9	432.7	400.8	537.6	359.5	404.2
December	415.8	408.8	435.6	402.2	534.7	353.2	407.8
1989							
January	423.3	420.6	443.1	402.7	533.6	351.2	407.2
February	425.7	421.5	445.8	410.9	536.1	356.2	412.2
March	427.6	423.0	452.5	414.6	532.8	353.5	418.5
April	424.0	416.1	459.1	415.2	528.1	354.2	418.4
May	426.1	418.0	463.1	420.7	524.8	354.2	422.3
June	434.8	425.9	471.1	441.4	521.0	366.6	434.5

**Table 2.21 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 6 (WESTERN VISAYAS): 1973 TO 1989
(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
1987	379.5	345.6	384.7	392.7	721.5	360.5	402.7
1988	405.9	377.9	418.6	411.5	696.9	387.5	420.8
January	394.7	362.9	400.6	405.8	736.5	371.1	411.3
February	394.6	362.0	403.0	407.5	734.2	371.6	413.4
March	399.5	372.0	409.7	407.9	705.9	371.7	413.8
April	399.6	370.4	415.9	408.8	709.2	373.2	414.8
May	401.0	372.6	417.6	409.3	706.7	372.8	417.4
June	405.2	376.5	418.4	410.1	681.7	397.8	419.2
July	409.4	381.8	423.1	413.3	682.1	400.2	421.0
August	409.5	380.8	426.3	413.3	683.9	401.0	423.4
September	408.7	378.9	427.1	414.1	682.7	401.4	426.7
October	409.2	379.7	426.7	414.5	680.9	401.4	428.4
November	415.4	389.6	426.0	416.8	686.4	400.7	429.6
December	423.9	407.8	428.3	417.0	672.6	387.1	431.1
1989							
January	428.5	415.2	428.1	420.2	670.1	387.1	432.6
February	432.3	420.6	429.1	422.4	670.2	389.2	434.8
March	427.3	409.8	441.4	425.2	665.8	389.9	437.2
April	425.9	406.0	442.1	430.4	665.3	391.7	439.4
May	430.5	411.6	445.6	435.9	667.4	393.4	442.6
June	441.0	418.4	445.6	450.8	677.5	428.7	447.7

**Table 2.22 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 7 (CENTRAL VISAYAS): 1973 to 1989**
(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
1987	366.0	338.1	386.0	457.9	393.8	398.6	362.3
1988	400.1	379.2	413.4	479.4	423.2	427.8	380.2
January	385.8	363.6	394.5	462.1	433.9	411.9	364.4
February	388.6	365.2	401.5	463.3	435.4	416.2	372.7
March	388.1	363.1	404.5	463.7	435.4	417.4	375.8
April	391.6	367.9	409.3	463.9	435.2	420.5	377.4
May	396.1	373.5	410.8	485.5	424.4	419.8	375.4
June	396.9	375.0	410.9	485.3	422.4	419.6	377.4
July	405.7	385.8	415.5	486.7	422.4	438.6	378.8
August	406.8	387.1	415.6	487.2	423.4	438.6	381.3
September	402.4	379.1	419.5	487.6	421.0	438.6	382.0
October	406.0	382.9	425.0	488.5	421.3	438.6	392.4
November	409.1	390.4	426.5	489.3	403.7	437.2	392.3
December	423.7	416.5	427.7	489.1	399.9	437.1	392.8
1989							
January	433.1	428.4	431.0	492.6	425.2	438.8	394.8
February	428.7	420.1	429.7	495.1	426.7	440.3	393.3
March	424.0	411.9	427.5	495.8	426.7	440.3	393.5
April	430.4	412.5	428.8	531.5	426.8	461.3	395.1
May	432.5	415.4	431.0	532.8	427.0	461.1	397.6
June	438.1	421.9	432.2	534.9	427.1	472.0	402.0

**Table 2.23 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 8 (EASTERN VISAYAS): 1973 to 1989**
(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
1987	346.3	313.4	384.0	454.2	512.7	356.9	357.0
1988	378.5	349.3	411.8	486.3	533.9	377.1	379.9
January	368.9	339.7	403.0	470.2	534.1	365.3	371.9
February	373.5	347.1	406.1	470.7	519.6	366.5	375.0
March	375.3	348.1	408.3	470.5	536.7	367.3	375.7
April	371.5	342.1	409.2	468.4	536.4	370.5	375.2
May	372.1	342.7	408.5	470.5	536.2	370.6	376.4
June	375.4	346.1	410.1	471.4	536.7	380.7	378.1
July	376.2	346.4	412.9	469.8	538.1	383.9	380.4
August	381.4	348.8	415.4	507.6	540.3	385.3	385.2
September	381.0	349.0	416.5	507.5	532.6	384.1	384.7
October	381.5	349.9	416.3	506.6	532.6	384.1	384.6
November	388.7	360.0	417.0	510.3	534.8	384.8	385.8
December	395.9	371.5	418.5	512.1	528.8	382.1	385.6
1989							
January	406.2	385.3	422.8	520.9	531.6	383.3	387.5
February	406.9	386.2	423.9	519.8	529.1	385.7	388.7
March	409.5	389.2	426.2	521.4	530.9	386.5	391.9
April	408.1	386.5	428.0	522.0	531.1	386.6	394.0
May	410.7	389.7	430.7	524.5	531.3	387.1	394.7
June	421.5	403.4	435.2	527.3	531.3	399.8	399.6

**Table 2.24 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 9 (WESTERN MINDANAO): 1973 TO 1989
(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
1987	339.9	317.4	374.6	355.1	528.8	358.1	357.4
1988	365.6	345.1	394.9	383.1	544.5	380.8	379.3
January	354.4	332.5	389.9	367.9	552.4	367.0	366.7
February	360.4	340.7	391.1	380.0	538.6	369.2	370.5
March	362.4	343.7	388.9	381.1	539.1	370.5	371.3
April	360.5	340.4	390.8	381.2	539.1	371.0	372.4
May	364.4	344.6	391.1	381.7	555.8	372.6	374.2
June	365.9	344.5	393.4	385.3	555.7	385.4	376.7
July	367.4	345.9	393.9	385.4	551.6	387.8	383.4
August	366.8	344.3	397.0	385.8	550.6	388.9	384.8
September	368.4	346.5	400.0	385.5	544.7	389.0	386.5
October	369.5	347.5	401.0	387.1	545.9	390.7	387.7
November	372.3	352.4	399.6	387.2	535.9	390.8	389.0
December	375.3	357.8	402.0	388.7	524.4	386.9	388.4
1989							
January	406.2	385.3	422.8	391.8	509.1	388.1	388.5
February	388.1	374.7	407.4	400.4	524.1	389.2	393.4
March	394.6	381.6	409.4	424.6	526.1	391.2	397.5
April	397.2	385.5	411.4	426.5	522.8	391.0	397.2
May	402.3	392.1	412.1	426.9	522.8	395.8	400.0
June	411.5	400.9	422.7	430.9	539.0	415.2	401.2

**Table 2.25 - CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 10 (NORTHERN MINDANAO): 1973 to 1989
(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
1987	365.2	346.5	412.4	387.2	554.6	375.3	361.1
1988	391.0	377.3	430.8	397.6	562.5	396.1	383.8
January	380.2	364.8	416.8	391.6	570.6	387.9	370.6
February	384.3	370.2	419.6	392.0	571.9	390.1	373.9
March	389.6	377.0	423.7	393.7	572.8	391.6	377.5
April	388.9	375.3	428.4	394.3	572.7	391.0	380.2
May	389.6	376.0	428.4	395.2	572.4	392.1	381.2
June	392.8	379.9	434.0	395.9	562.9	397.1	384.4
July	395.1	383.1	430.2	396.1	562.0	400.5	385.8
August	393.8	380.2	437.2	396.9	561.7	401.4	386.8
September	390.7	374.8	437.2	403.6	553.7	401.7	388.4
October	390.4	374.4	438.8	403.5	551.5	399.5	390.2
November	394.6	380.1	437.1	404.2	559.0	400.6	392.3
December	401.9	392.0	438.7	404.5	538.7	399.9	394.0
1989							
January	420.8	421.0	442.3	404.7	526.3	399.7	393.7
February	427.3	429.9	445.8	404.9	530.4	402.5	395.3
March	427.1	428.7	448.8	407.3	530.7	403.0	395.6
April	430.8	433.0	451.3	409.1	536.3	406.7	396.8
May	437.1	441.4	453.4	411.0	544.9	406.9	399.1
June	443.8	446.1	453.1	429.7	553.7	417.5	405.3

**Table 2.26 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 11 (SOUTHERN MINDANAO): 1973 TO 1989
(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
1987	364.0	340.9	418.3	385.8	546.3	357.0	329.7
1988	402.7	385.8	446.8	418.9	581.8	385.8	356.9
January	387.6	370.7	428.6	395.2	583.7	373.1	337.6
February	393.4	378.7	430.7	396.2	583.7	373.8	347.5
March	397.8	385.2	434.4	396.2	583.8	374.6	351.2
April	396.1	381.2	437.1	395.2	585.3	376.1	354.0
May	398.4	381.6	438.2	415.7	582.9	377.1	356.4
June	402.2	383.1	446.7	431.9	576.2	386.4	358.4
July	407.0	389.2	453.0	431.7	576.2	392.2	360.5
August	410.2	393.7	454.8	432.4	575.7	395.8	361.0
September	408.2	389.2	457.0	432.7	574.7	398.4	362.3
October	408.1	388.5	460.2	432.4	575.8	398.1	363.8
November	411.7	393.0	460.6	433.0	596.0	394.8	364.8
December	411.8	395.1	460.6	433.7	587.5	388.9	364.8
1989							
January	422.8	412.1	463.0	446.2	587.6	387.1	365.2
February	423.9	412.1	465.2	450.7	590.1	389.5	366.8
March	423.5	410.2	469.1	451.8	592.3	389.7	367.8
April	424.1	406.4	470.3	456.0	623.5	392.1	370.1
May	427.8	412.3	471.2	458.0	623.6	392.4	369.8
June	437.4	421.6	470.1	497.0	629.1	394.7	372.9

**Table 2.27 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS
IN REGION 12 (CENTRAL MINDANAO): 1973 to 1989**
(1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel- laneous
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	398.6	357.4	489.1	482.5	336.0
1987	367.4	333.2	402.0	372.5	530.5	502.8	341.8
1988	393.9	365.6	417.8	391.2	549.4	515.3	361.4
January	385.6	356.0	413.1	383.1	558.5	507.1	351.1
February	388.7	359.9	414.6	387.2	560.6	507.4	353.4
March	391.4	362.8	417.5	390.6	562.5	508.8	355.3
April	393.3	364.6	418.5	393.8	570.6	509.9	356.7
May	391.1	362.9	415.4	390.6	550.7	509.9	357.9
June	393.6	366.4	415.3	390.7	541.0	514.3	358.9
July	393.8	365.7	416.3	392.1	543.3	519.7	357.0
August	394.0	366.5	416.3	392.7	545.0	515.8	357.1
September	395.0	365.9	419.8	395.0	548.8	521.5	359.6
October	398.4	369.7	420.5	395.2	540.6	521.7	375.7
November	400.3	371.7	423.5	390.7	541.6	524.6	377.2
December	402.0	375.4	422.6	393.0	529.1	522.3	377.0
1989							
January	405.7	380.3	421.1	392.4	553.2	521.3	378.3
February	408.8	385.2	421.1	394.1	546.5	521.8	379.7
March	411.7	388.8	423.6	396.6	547.3	523.5	380.4
April	412.2	387.7	429.0	401.6	550.8	524.5	382.9
May	423.1	403.2	433.4	405.9	549.9	525.9	385.5
June	423.8	404.1	430.5	408.6	533.9	531.0	389.7

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

Figure 2.4 Consumer Price Index for All Income Households in the National Capital Region (NCR) and Regions Outside NCR, 1980 - 1989
(1978 = 100)

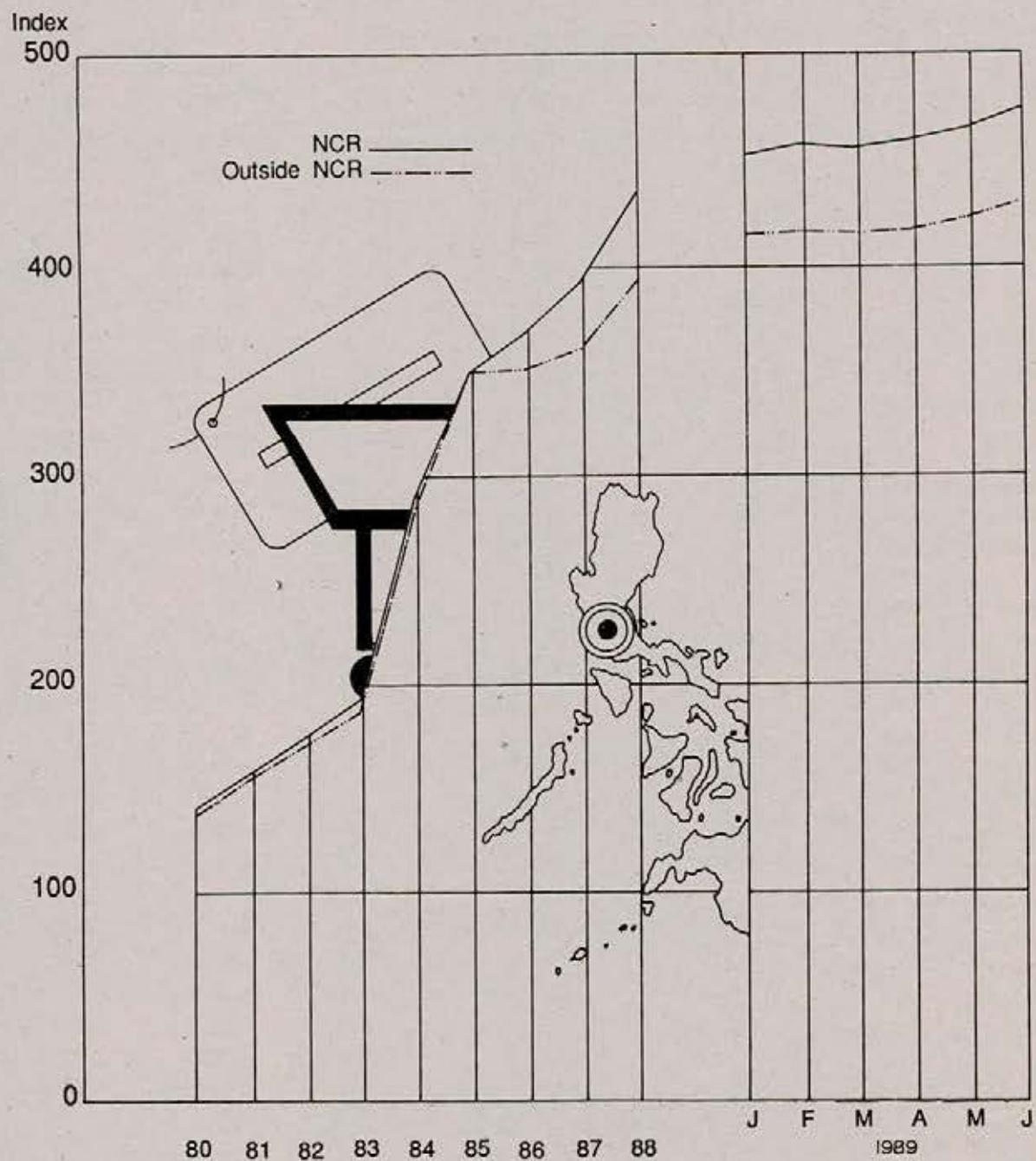


Table 2.28 - CONSUMER PRICE INDEX OF METROPOLITAN MANILA AREA (NATIO
(1978

Period	Food beverages and tobacco	Food				Cereal prepara- tions	Dairy Products
		Rice and Corn	Cereals	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	
1987	364.6	317.9	317.9	384.1	549.4	469.6	
1988	411.9	344.1	343.7	374.1	571.5	476.1	
January	391.8	337.2	336.7	373.8	554.9	465.2	
February	391.4	341.4	341.0	372.5	556.7	464.9	
March	393.6	341.8	341.5	368.1	558.2	467.2	
April	395.8	342.5	342.1	374.4	563.5	468.7	
May	402.9	344.3	343.9	375.0	570.7	473.1	
June	413.8	345.8	345.5	373.1	574.1	474.8	
July	412.8	344.9	344.5	373.8	575.7	477.9	
August	439.9	346.7	346.3	375.0	576.3	479.0	
September	414.3	347.2	346.8	375.0	577.4	481.3	
October	414.2	344.5	344.2	373.1	581.0	483.2	
November	436.0	346.5	346.1	375.6	582.8	485.6	
December	436.2	346.1	345.7	380.0	586.2	492.1	
1989							
January	437.8	348.3	347.9	379.4	591.1	495.9	
February	436.5	355.7	355.4	380.6	597.3	503.5	
March	428.4	359.8	359.4	390.0	601.3	512.1	
April	432.8	394.9	394.7	413.8	597.2	521.9	
May	441.2	395.7	395.4	423.8	595.8	532.9	
June	449.7	364.1	363.2	435.6	605.0	556.2	

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

**FOOD, BEVERAGES AND TOBACCO FOR
NATIONAL CAPITAL REGION): 1973 TO 1989
=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
272.4	367.8	348.8	349.3	335.3	452.0	403.9
273.4	437.0	428.1	371.2	406.3	499.0	476.3
268.5	416.6	388.4	360.4	375.5	474.4	473.5
268.4	423.4	370.5	356.4	376.0	481.2	478.6
270.1	427.0	366.7	361.6	381.1	483.0	475.9
269.1	425.2	360.7	366.3	390.6	492.2	476.4
270.8	445.8	368.0	372.1	396.5	496.5	476.2
272.6	445.5	436.7	374.2	412.6	496.9	476.4
273.4	449.4	407.1	375.1	421.4	497.5	476.4
273.2	458.6	395.0	374.5	423.0	507.2	475.9
274.3	447.5	411.4	373.9	424.4	512.3	476.2
274.3	414.9	452.0	376.5	425.3	513.4	476.4
276.8	424.2	631.4	378.2	423.8	515.0	476.6
289.7	466.0	549.8	384.6	425.8	518.1	476.6
293.9	511.9	478.1	387.8	429.5	523.1	475.2
291.9	529.4	420.5	390.6	426.3	528.3	476.2
292.6	513.4	360.1	392.9	418.5	532.1	479.6
293.1	497.7	354.7	394.7	419.4	541.1	481.1
291.0	507.0	403.3	398.1	422.0	542.3	481.8
291.1	544.6	453.0	399.2	424.8	543.5	492.7

Table 2.29 - RETAIL PRICE INDEX FOR METROPOLITAN
(1978)

Period	All items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials
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
1987	393.4	375.7	436.0	378.5	420.8
1988	432.4	428.8	471.9	387.5	408.9
January	419.7	410.7	451.7	383.4	441.0
February	422.3	412.3	457.9	385.9	441.1
March	424.3	414.9	460.9	385.3	441.1
April	429.1	421.2	467.3	386.9	441.1
May	430.6	425.3	468.9	388.2	415.4
June	433.4	430.4	469.6	386.6	414.0
July	433.1	429.0	474.7	388.6	414.0
August	432.9	428.5	478.9	388.9	409.3
September	433.6	429.9	481.4	386.8	398.4
October	436.8	434.6	483.0	388.3	398.4
November	446.0	452.8	483.5	389.0	356.5
December	447.0	455.6	484.4	391.5	336.4
1989					
January	447.4	454.2	486.6	405.1	336.5
February	447.1	452.1	489.9	403.8	335.1
March	447.2	449.3	491.9	407.8	335.1
April	454.5	458.4	497.1	411.8	335.1
May	459.3	463.3	498.1	414.8	335.2
June					

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

MANILA AREA (NATIONAL CAPITAL REGION): 1973 to 1989
= 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
445.0	424.6	327.2	435.8
455.4	447.5	342.0	456.9
449.0	437.1	334.2	448.2
450.1	444.1	338.4	449.2
451.4	444.8	339.0	451.0
453.0	447.6	339.1	451.5
454.0	449.4	342.0	455.1
455.6	446.0	342.9	457.0
457.6	446.8	343.5	458.3
457.3	447.3	343.8	459.6
458.5	449.3	344.1	460.7
458.4	450.6	344.0	461.9
458.0	452.8	345.4	464.0
462.2	454.2	347.6	466.0
462.4	457.2	347.6	474.8
462.7	461.8	349.9	480.0
467.4	469.9	352.3	483.6
471.5	476.3	354.5	489.9
474.5	485.4	358.1	492.6

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

Period	All Items	Food	Beverages and tobacco	Crude materials except fuel	Mineral fuels, lubricants and related materials
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
1987	444.0	501.7	428.7	367.4	467.2
1988	498.5	587.7	465.1	451.4	366.5
January	483.4	553.9	458.1	456.8	398.1
February	482.0	551.1	459.8	449.5	397.4
March	489.1	567.5	459.8	449.5	386.8
April	488.5	563.7	461.2	450.3	389.1
May	490.3	565.8	461.9	452.1	383.1
June	500.1	584.7	463.1	463.1	384.4
July	503.0	594.8	465.0	452.4	372.9
August	499.5	589.9	470.8	442.6	362.9
September	497.0	587.5	470.5	438.4	348.3
October	502.0	602.3	470.5	441.4	322.3
November	516.8	637.8	470.5	447.8	306.0
December	530.4	653.9	470.5	472.8	346.6
1989					
January	537.7	659.6	478.4	471.3	380.4
February	531.0	645.1	480.3	476.4	374.0
March	525.7	623.9	482.0	488.0	381.1
April	528.5	624.0	486.3	487.9	402.9
May	536.5	634.6	486.3	507.5	402.2
June					

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

FOR METROPOLITAN MANILA AREA

1976 to 1989

= 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	474.1
374.7	399.6	392.4	495.8
423.4	441.0	427.4	534.2
423.5	420.9	421.6	520.7
415.7	429.2	422.3	523.7
417.8	434.1	423.1	525.1
421.0	435.8	423.3	528.3
424.2	440.1	423.8	535.8
424.5	441.2	426.2	536.7
425.9	443.8	430.3	537.3
424.1	446.3	430.7	538.9
422.4	448.3	430.8	540.3
424.6	448.8	432.2	540.9
428.1	449.9	432.4	541.1
428.6	453.9	432.4	541.4
426.4	456.9	432.3	542.8
427.3	463.2	433.4	544.0
433.4	468.0	434.9	544.9
433.9	471.5	439.8	545.5
438.6	476.1	440.1	546.5

**Table 2.31 - WHOLESALE PRICE INDEX OF SELECTED
METROPOLITAN MANILA AREA
1976 to 1989**

Period	Automotive fuel ¹	Portland cement ²	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
1987	472.5	382.6	327.9	419.9
1988	459.0	384.8	337.1	488.3
<i>January</i>	489.8	389.7	337.1	496.8
<i>February</i>	489.8	389.7	337.1	496.8
<i>April</i>	489.8	382.4	337.1	496.8
<i>May</i>	470.3	382.4	337.1	496.8
<i>June</i>	470.3	382.4	337.1	496.8
<i>July</i>	470.3	382.4	337.1	496.8
<i>August</i>	463.4	382.4	337.1	496.8
<i>September</i>	454.9	382.4	337.1	496.8
<i>October</i>	454.9	382.4	337.1	496.8
<i>November</i>	382.6	389.7	337.1	445.5
<i>December</i>	382.6	389.7	337.1	445.5
1989				
<i>January</i>	382.6	399.0	364.1	445.5
<i>February</i>	382.6	435.8	364.1	445.5
<i>March</i>	382.6	459.0	375.0	445.5
<i>April</i>	382.6	465.7	385.9	445.5
<i>May</i>	382.6	480.4	385.9	445.5
<i>June</i>	382.6	480.4	406.5	445.5

¹ Includes other refined petroleum products.

² Includes white cement from 1976 to 1982.

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

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

Metal products	Lumber products	Electrical machineries & 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
365.4	342.3	226.9	322.2
403.8	383.4	281.5	393.1
391.7	366.4	266.6	393.1
394.8	366.4	266.8	393.1
399.5	371.5	272.9	393.1
402.3	371.5	277.4	393.1
405.1	371.5	287.8	393.1
406.9	390.6	287.8	393.1
407.6	390.6	287.8	393.1
408.2	399.2	288.5	393.1
408.2	399.2	289.2	393.1
410.0	399.2	290.2	393.1
410.5	408.1	290.2	393.1
419.1	411.5	289.5	401.6
429.3	411.5	291.7	401.6
438.1	426.3	299.2	435.8
441.5	445.0	305.3	435.8
445.7	463.1	305.7	444.3
451.6	481.2	306.5	470.0

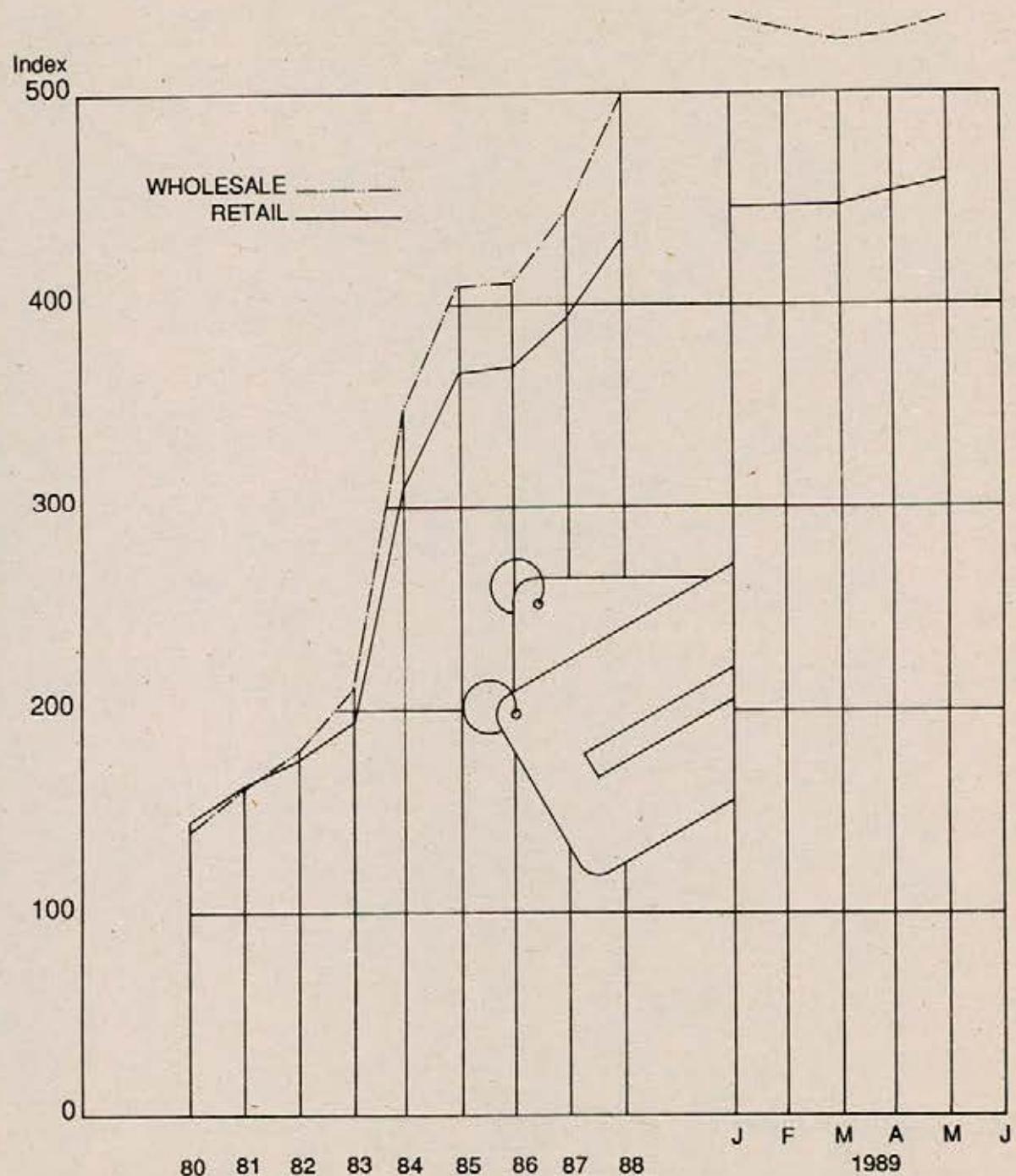
**Table 2.32 – PRODUCER PRICE INDEX FOR AGRICULTURAL PRODUCTS,
PHILIPPINES: 1972 to 1989
(1978=100)**

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	277.2	274.0	265.3	346.7	350.0	236.4	330.4	262.4
1987 ¹	280.8	293.1	209.4	298.2	398.2	247.9	345.7	244.3
1988	318.3	313.8	282.8	379.5	387.0	293.8		
January	294.8	304.2	195.3	353.1	372.8	374.4	...	...
February	316.7	323.9	180.8	361.8	352.1	307.7	...	...
March	312.8	322.2	214.6	356.4	359.3	292.6	...	...
April	317.1	331.9	226.0	331.9	329.3	297.7	...	...
May	318.5	307.6	258.2	339.1	383.5	307.2	...	...
June	341.2	357.9	366.1	327.6	520.9	242.0	...	...
July	309.2	323.4	356.2	344.7	392.1	253.0	...	...
August	344.7	309.2	365.5	364.9	483.1	267.7	...	...
September	313.9	286.4	381.2	398.6	490.1	296.9	...	...
October	321.6	288.2	252.7	387.3	525.0	301.9	404.8	299.9
November	310.4	292.6	311.8	505.4	228.2	277.9	724.7	384.8
December	319.2	318.4	278.3	483.6	207.4	306.6	735.9	401.9
1989								
January	325.1	343.5	199.0	474.1	205.0	292.1	774.1	423.7
February	293.1	375.8	176.7	415.7	197.0	292.9	774.7	415.5
March	388.9	390.1	130.7	424.7	228.5	509.6	751.1	474.9
April	388.9	412.0	136.4	430.9	223.8	503.8	801.2	425.5

1 Starting June 1987, data was based on Farm Prices Survey, BAS.

Source: Bureau of Agricultural Statistics.

Figure 2.5 General Wholesale and Retail Price Indices for Metro Manila,
1980 - 1989
(1978 = 100)



3 ECONOMIC ACCOUNTS

The economic accounts presented in this chapter quantify the magnitude of transactions taking place in the economy especially those relating to the production and consumption of goods and services, the interindustry linkages and their transfer of income or capital between sectors of the economy. These accounts are better known as the national 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. Thirdly, 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 statistics present insights into the aggregate as well as sectoral performance of the economy for a given period that are so necessary for the policy formulation, planning and analytical purposes.

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

The system of flow of funds accounts provides a framework that highlights the integration of the economically significant financial activities of the different institutional sectors into explicit statistical interdependence with one another. Moreover, it brings this internally consistent body of financial data into direct relationship with the non-financial activities pertaining to the production and consumption of goods and services as portrayed by the national income and product accounts.

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

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ACCOUNTS MATRIX, 1986
pesos)

Sector							
Private		Deposit money		Insurance Companies		ONBFI	
Banks		Other Banks		U	S	U	S
U	S	U	S	U	S	U	S
8,757		106		4,404		(1,710)	
540		64		11		1	
8,217		42		4,393		(1,710)	
8,757		106		4,404		(1,710)	
(8,892)		307		63		(168)	
(8,892)		307		63		(168)	
17,649		(201)		4,341		(1,542)	
(27,368)		2,679		8,272		(682)	
(45,017)		2,880		3,931		860	
(442)		(1)					
(13,644)		33		19			
(26)	(12,131)						
2,735	5,453	17		48			
1,600		270		(346)		50	
6,885	22	165		276		30	
1,376		2,823		312		71	
(4,006)		(20)		1,628		2,420	
(22,349)	(10,420)	1,731	(20)	(2,129)	(1,627)	(856)	(401)
4,772	(2,125)	277	80	1,851	1,112	1,008	(22)
				2,889	1,888		
				(115)	1		(741)
1,659		31		(2)	(21)		
(10,122)	(15,638)	238	(449)		684		(79)
(3,602)	892	125	237	3,841	1,894	(835)	1,151

Table 3.59 - FLOW OF FUNDS CAPITAL
(In million)

Sector Transaction Categories	Financial			
	TOTAL		Monetary Authorities	
	U	S	U	S
1. Gross Savings		(5,739)		614
2. Capital Consumption		119		84
3. Net Savings		(5,858)		530
4. Gross Investment	(5,739)		614	
5. Real Investment	3,328		720	
6. Consumer Durables				
7. Real Estate/Fixed Assets	2,847		231	
8. Inventory	481		489	
9. Net Financial Investment	(9,067)		(106)	
10. Total Financial Uses	64,675		58,418	
11. Total Financial Sources		73,742		58,524
12. Gold & Foreign Currency Holdings	(2,261)		6,519	
13. Foreign Currency Deposits	1,317	(10,424)	6,769	(7,743)
14. Foreign loans	(36)	49,166		54,013
15. Other Foreign Claims	51,124	(3,778)	16,877	(138)
16. Domestic Currency	1,860	6,591		6,845
17. Demand Deposits	(521)	6,611		6,606
18. Savings and Time Deposits	14	2,930		
19. Deposit Substitutes				
20. Domestic Loans	4,631	1,038	961	
21. Investments/Securities	4,708	1,849	440	(610)
22. Insurance Reserves		1,414		
23. Trust Funds		(41)		
24. Trade Credits				
25. Taxes Payable		197		102
26. Inter-Financial Claims	(72)	5,488	(6,607)	(906)
27. Inter-Government Claims				
28. Miscellaneous	3,911	12,701	33,459	355
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1986 (continued)
pesos)

Sector							
Government		Social Security		ONBFI		Rest of the World	
Specialized Government Banks		Agencies		U	S	U	S
U	S	U	S	U	S	U	S
	(6,464)		7,658		(1,726)		(33,459)
	17		30		(11)		
	(6,481)		7,628		(1,715)		(33,459)
(5,464)		7,658		(1,726)		(33,459)	
2,388		265		(16)			
2,388		271		(16)			
	(6)		1				
(8,852)		7,393		(1,710)		(33,459)	
1,043		11,648		2,323		(292)	
	9,895		4,255		4,033		33,167
2							6,078
	(6)					(21,360)	6,759
(7)	2,990			(29)		18,463	(33)
686	(2,710)				(1,072)	2,605	20,363
69		554		1,791			
28	33			(197)			
	2,930	13					
14,280	(2,496)	5,233	(9)	(5,065)	3,534		
1,133	3,793	4,882		1,860	89		
		3,348					
		72			(19)		
		528	472				
	95						
(72)	(299)	463	429				
(15,076)	5,565	(25)	(57)	3,963	1,501		

Table 3.59 – FLOW OF FUNDS CAPITAL
 (In million)

Sector	Non-Financial			
	TOTAL		Sub-total	
Transaction Categories	U	S	U	S
1. Gross Savings		107,317		104,831
2. Capital Consumption		71,510		62,637
3. Net Savings		35,807		42,194
4. Gross Investment	106,754		104,268	
5. Real Investment	91,979		(82,797)	
6. Consumer Durables	3,752		3,752	
7. Real Estate/Fixed Assets	87,483		(88,567)	
8. Inventory	744		2,018	
9. Net Financial Investment	14,775		187,065	
10. Total Financial Uses	110,322		86,319	
11. Total Financial Sources		95,547		(100,746)
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		4,406		(102,034)
15. Other Foreign Claims				
16. Domestic Currency	3,155		4,055	
17. Demand Deposits	13,792		6,522	
18. Savings and Time Deposits	6,812		4,952	
19. Deposit Substitutes	(5,575)		727	
20. Domestic Loans	(2,542)	(7,478)	(4,513)	(15,900)
21. Investments/Securities	78,287	90,353	69,154	2,551
22. Insurance Reserves	413		413	
23. Trust Funds	(528)		(528)	
24. Trade Credits	1,122	1,122	3,842	15,123
25. Taxes Payable	(949)	474	20	474
26. Inter-Financial Claims				
27. Inter-Government Claims	17,558	17,558		
28. Miscellaneous	(1,223)	(10,888)	1,675	(960)
29. Statistical Discrepancy	563		563	

ACCOUNTS MATRIX, 1986 (continued)

pesos)

Sector			
Private		Households and Non-Corporate Business	
	Corporations	U	S
U	S	U	S
	(1,605)		100,076
	(400)		62,565
	(1,205)		37,511
(1,605)		99,985	
(437)		(89,960)	
		604	
(2,048)		(89,555)	
1,611		(1,009)	
(1,168)		189,945	
(14,864)		80,591	
	(13,696)		(109,354)
		(131,772)	
(9)		4,090	
(1,248)		7,024	
736		4,373	
2,367		(1,719)	
(24,513)	112,064		(140,585)
2,219	2,551	65,095	
10		2,337	
37		(609)	
3,842	2,129		13,050
20	474		
1,675	863		18,181
		91	

Table 3.59 - FLOW OF FUNDS CAPITAL
(In million)

Sector	Non-Financial		Government	
	TOTAL		National	
Transaction Categories	U	S	U	S
<i>1. Gross Savings</i>		2,486		(5,486)
<i>2. Capital Consumption</i>		8,873		1,636
<i>3. Net Savings</i>		(6,387)		(7,122)
<i>4. Gross Investment</i>	2,486		(5,486)	
<i>5. Real Investment</i>	174,776		150,229	
<i>6. Consumer Durables</i>				
<i>7. Real Estate/Fixed Assets</i>	176,050		151,074	
<i>8. Inventory</i>	(1,274)		(845)	
<i>9. Net Financial Investment</i>	(172,290)		(155,715)	
<i>10. Total Financial Uses</i>	24,003		36,407	
<i>11. Total Financial Sources</i>		196,293		192,122
<i>12. Gold & Foreign Currency Holdings</i>				
<i>13. Foreign Currency Deposits</i>				
<i>14. Foreign loans</i>		106,440		88,049
<i>15. Other Foreign Claims</i>				
<i>16. Domestic Currency</i>	(900)		(2,315)	
<i>17. Demand Deposits</i>	7,270		6,409	
<i>18. Savings and Time Deposits</i>	1,860		202	
<i>19. Deposit Substitutes</i>	(6,302)			
<i>20. Domestic Loans</i>	1,971	8,422		4,564
<i>21. Investments/Securities</i>	9,133	87,802	14,327	94,935
<i>22. Insurance Reserves</i>				
<i>23. Trust Funds</i>				
<i>24. Trade Credits</i>	(2,720)	(14,001)	112	4,258
<i>25. Taxes Payable</i>	(969)		(996)	
<i>26. Inter-Financial Claims</i>				
<i>27. Inter-Government Claims</i>	17,558	17,558	16,909	947
<i>28. Miscellaneous</i>	(2,898)	(9,928)	1,759	(631)
<i>29. Statistical Discrepancy</i>				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1986 (continued)

pesos)

m e n t		Sector		1986	
				Grand Total	
Local		Corporation		U	S
U	S	U	S	U	S
	1,275		8,883		86,514
	558		6,679		72,245
	717		2,204		14,269
1,275		8,883		85,951	
1,331		25,402		85,951	
				3,752	
1,305		25,857		80,974	
26		(455)		1,225	
(56)		(16,519)			
853		(13,257)		189,840	
	909		3,262		189,840
				(2,704)	(2,704)
				(22,699)	(22,699)
	(11)		18,402	41,379	41,379
				55,600	55,600
(86)		1,177		6,591	6,591
481		798		13,580	13,580
58		1,506		7,138	7,138
		(6,302)		(4,026)	(4,026)
	42	1,971	3,816	(21,302)	(21,302)
2		(5,196)	(7,133)	90,867	90,867
				3,302	3,302
				(643)	(643)
(28)	278	(2,804)	(18,537)	1,122	1,122
				(951)	(951)
				2,252	2,252
296	558	353	16,053	17,558	17,558
130	42	(4,760)	(9,339)	2,776	2,776
				563	

Table 3.60 – FLOW OF FUNDS CAPITAL
 (In million)

Sector Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		29,218		15,039
2. Capital Consumption		(300)		479
3. Net Savings		29,518		14,560
4. Gross Investment	29,218		15,039	
5. Real Investment	(11,819)		(10,538)	
6. Consumer Durables				
7. Real Estate/Fixed Assets	(11,941)		(10,535)	
8. Inventory	122		(3)	
9. Net Financial Investment	41,037		25,577	
10. Total Financial Uses	27,475		17,412	
11. Total Financial Sources		(13,562)		(8,165)
12. Gold & Foreign Currency Holdings	18,107		(93)	
13. Foreign Currency Deposits	16,602	(589)	1	3,238
14. Foreign loans	1,103	(5,493)	1,091	(9,294)
15. Other Foreign Claims	(24,316)	248	7,615	989
16. Domestic Currency	(1,347)	11,841	(1,277)	
17. Demand Deposits	30	40,725	47	4,611
18. Savings and Time Deposits	38	1,923	37	3,163
19. Deposit Substitutes	89	(4,587)	89	(4,587)
20. Domestic Loans	(305)	(9,954)	17,592	(10,463)
21. Investments/Securities	5,519	(48,541)	685	(4,679)
22. Insurance Reserves	158	925	158	529
23. Trust Funds		(58)		(68)
24. Trade Credits				
25. Taxes Payable		(958)		(1,685)
26. Inter-Financial Claims	(6,729)	(6,729)	(981)	(5,341)
27. Inter-Government Claims				
28. Miscellaneous	18,526	7,685	(7,552)	15,422
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1987

(pesos)

Sector							
Private		Deposit money		Insurance Companies		ONBFI	
Banks	Other Banks	U	S	U	S	U	S
		3,830		281		1,783	1,916
		606		33		237	(154)
		3,224		248		1,546	2,070
3,830		281		1,783		1,916	
455		65		583		(23)	
		455		583		(23)	
3,375		216		1,200		1,939	
28,882		2,303		2,262		3,714	
		25,507		2,087		1,062	1,775
201		3					
		3,162		7	(19)		
2,398	1,128						
7,971	1,753	(4)		(48)			
1,088		(18)		33		175	
(485)	2,876	(2)	(13)	250		254	
	8,519		2,950	1,032			(82)
	(422)			(1,628)		3,347	2,550
20,314	(582)	2,421	(516)	1,668		698	(984)
3,823	653	73	155	3,810	(379)	(4,019)	40
				(2,889)	(2,321)		
					(4)		197
		781		5	(1)	(12)	
(594)	4,643	122	(470)	(704)	694	859	1,505
(5,834)	2,996	(292)	(31)	758	3,284	2,400	54

Table 3.60 - FLOW OF FUNDS CAPITAL
(In million)

Sector	Financial			
	TOTAL		Monetary Authorities	
Transaction Categories	U	S	U	S
1. Gross Savings		14,179		629
2. Capital Consumption		(779)		81
3. Net Savings		14,958		548
4. Gross Investment	14,179		629	
5. Real Investment	(1,281)		108	
6. Consumer Durables				
7. Real Estate/Fixed Assets	(1,406)		91	
8. Inventory	125		17	
9. Net Financial Investment	15,460		521	
10. Total Financial Uses	10,063		13,204	
11. Total Financial Sources		(5,397)		12,683
12. Gold & Foreign Currency Holdings	18,200		5,895	
13. Foreign Currency Deposits	16,601	(3,827)	(570)	(14,881)
14. Foreign loans	12	3,801		1,572
15. Other Foreign Claims	(31,931)	(741)	(15,072)	(806)
16. Domestic Currency	(70)	11,841		7,229
17. Demand Deposits	(17)	36,114		27,685
18. Savings and Time Deposits	1	(1,240)		
19. Deposit Substitutes				
20. Domestic Loans	(17,897)	509	(9,187)	
21. Investments/Securities	4,834	(43,862)	(1,790)	(22,742)
22. Insurance Reserves		396		
23. Trust Funds		10		
24. Trade Credits				
25. Taxes Payable		727		134
26. Inter-Financial Claims	(5,748)	(1,388)	3,172	(9,240)
27. Inter-Government Claims				
28. Miscellaneous	26,078	(7,737)	30,756	23,732
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1987 (continued)

(pesos)

Sector							
Government		Social Security Agencies		ONBFI		Rest of the World	
Specialized Government Banks		U	S	U	S	U	S
	22,554			7,339		1,651	210
	2,233					23	
	20,321			7,339		1,628	210
22,554		7,339		1,651		210	
(12,675)		107			5		
(12,675)		102			7		
	5			(2)			
35,229		7,232		1,646		210	
(52,555)		9,126		(4,094)		(968)	
	(87,784)		1,894		(5,740)		(1,178)
(1)							6,098
	7,528					(4,184)	(589)
11	(23,365)				413	2,269	2,409
(1,943)						947	(9,096)
(78)		(77)		(1,862)			
(68)	(167)			(4)			
	(12,946)	1,492					
(38,673)	(9,527)	(24)		(3,337)	(6,328)		
(3,190)	(20,885)	6,186		(3,259)	1,466		
		1,120					
		58					
	(37)	741					
	(3,318)						
(1,199)	(18,154)	758	6	110	25,045		
(7,414)	(6,950)	828	(31)	4,258	(26,336)		

Table 3.60 - FLOW OF FUNDS CAPITAL
(In million)

Sector	Non-Financial			
	TOTAL		Sub-total	
Transaction Categories	U	S	U	S
1. Gross Savings		85,038		63,252
2. Capital Consumption		78,548		65,785
3. Net Savings		6,490		(2,533)
4. Gross Investment	84,404		62,618	
5. Real Investment	123,180		100,795	
6. Consumer Durables	4,224		4,224	
7. Real Estate/Fixed Assets	108,500		87,181	
8. Inventory	10,456		9,390	
9. Net Financial Investment	(38,776)		(38,177)	
10. Total Financial Uses	29,735		(2,006)	
11. Total Financial Sources		68,511		36,171
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		15,069		12,966
15. Other Foreign Claims				
16. Domestic Currency	13,188		(932)	
17. Demand Deposits	40,695		44,638	
18. Savings and Time Deposits	1,885		1,083	
19. Deposit Substitutes	(4,676)		(4,848)	
20. Domestic Loans	12,830	22,479	12,373	21,808
21. Investments/Securities	(46,982)	7,078	(63,380)	5,941
22. Insurance Reserves	767		767	
23. Trust Funds	(58)		(58)	
24. Trade Credits	11,349	11,349	8,726	(6,615)
25. Taxes Payable	(1,062)	(104)	(309)	(104)
26. Inter-Financial Claims				
27. Inter-Government Claims	(550)	(550)		
28. Miscellaneous	2,349	13,190	(66)	2,175
29. Statistical Discrepancy	634		634	

ACCOUNTS MATRIX, 1987 (continued)
pesos)

Sector			
Private		Households and Non-Corporate Business	
Corporations		U	S
U	S	U	S
	48,864		77,906
	42,838		23,358
	6,026		54,548
48,864		77,805	
(10,096)		97,321	
		672	
(17,152)		96,626	
7,056		23	
58,960		(19,516)	
18,595		54,837	
	(40,365)		74,353
		9,867	
82		31,500	
(764)		19,330	
2,533		(6,045)	
10,908		(15,380)	
(41,820)	(64,806)		27,981
19,861	5,208	22,905	
22		1,666	
(610)		861	
21,306	22,793		(1,443)
(401)	808		
7,478	(14,235)		47,815

Table 3.60 - FLOW OF FUNDS CAPITAL
 (In million)

Sector Transaction Categories	Non-Financial		Govern-	
	TOTAL		National	
	U	S	U	S
1. Gross Savings		21,786		(68,391)
2. Capital Consumption		12,763		1,344
3. Net Savings		9,023		(69,735)
4. Gross Investment	21,786		(68,391)	
5. Real Investment	22,385		8,536	
6. Consumer Durables				
7. Real Estate/Fixed Assets	21,319		7,477	
8. Inventory	1,066		1,059	
9. Net Financial Investment	(599)		(76,927)	
10. Total Financial Uses	31,741		(19,683)	
11. Total Financial Sources		32,340		57,244
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		2,103		(5,695)
15. Other Foreign Claims				
16. Domestic Currency	14,120		(22,526)	
17. Demand Deposits	(3,943)		12,301	
18. Savings and Time Deposits	802		188	
19. Deposit Substitutes	172			
20. Domestic Loans	457	671		2,867
21. Investments/Securities	16,398	1,137	(19,748)	49,249
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	2,623	17,964	255	5,069
25. Taxes Payable	(753)		(1,200)	
26. Inter-Financial Claims				
27. Inter-Government Claims	(550)	(550)	9,631	4,448
28. Miscellaneous	2,415	11,015	1,416	1,306
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1987 (continued)
pesos)

Sector		1987			
ment				Grand Total	
Local		Corporation			
U	S	U	S	U	S
	1,452		8,621		111,995
	475		6,642		78,248
	977		1,979		33,746
1,452		8,621		111,361	
1,844		22,314		111,361	
				4,224	
1,801		21,190		96,559	
43		1,124		10,578	
(392)		(13,693)			
(1,613)		18,330		66,445	
	(1,221)		32,023		66,445
				18,107	18,107
				16,013	16,013
	12		18,337	10,679	10,679
				(24,068)	(24,068)
(738)		(350)		11,841	11,841
(149)		(282)		40,725	40,725
(2)		(757)		1,923	1,923
		4,881		(4,587)	(4,587)
		7,698	(8,327)	12,525	12,525
24	4	(3,634)	8,453	(41,463)	(41,463)
				925	925
				(58)	(58)
31	(16)	7,875	2,286	11,349	11,349
				(1,062)	(1,062)
				(6,729)	(6,729)
(816)	(1,239)	(169)	5,437	(550)	(550)
37	18	3,068	5,837	20,875	20,875
				634	

Table 3.61 - FLOW OF FUNDS CAPITAL
(In million)

Sector	Financial			
	Total		Sub-total	
Transaction Categories	U	S	U	S
1. Gross Savings		7,318		2,608
2. Capital Consumption		554		479
3. Net Savings		6,764		2,129
4. Gross Investment	7,318		2,608	
5. Real Investment	4,025		1,892	
6. Consumer Durables				
7. Real Estate/Fixed Assets	3,070		1,892	
8. Inventory	955			
9. Net Financial Investment	3,293		716	
10. Total Financial Uses	98,710		47,758	
11. Total Financial Sources		95,417		47,042
12. Gold & Foreign Currency Holdings	(5,591)		146	
13. Foreign Currency Deposits	(5,771)	10,041	(4,640)	9,182
14. Foreign Loans	10,993	27,130	1,679	8,305
15. Other Foreign Claims	14,532	5,810	11,525	5,103
16. Domestic Currency	2,524	7,675	1,670	
17. Demand Deposits	(695)	5,502	(732)	2,372
18. Savings and Time Deposits	264	12,547	263	14,146
19. Deposit Substitutes		(1,425)		(1,425)
20. Domestic Loans	31,436	2,422	22,669	(861)
21. Investments/Securities	8,309	2,164	6,960	3,189
22. Insurance Reserves	(48)	1,165	(48)	457
23. Trust Funds	(2)	1,556	(2)	301
24. Trade Credits				
25. Taxes Payable		846		150
26. Inter-Financial Claims	7,711	7,711	8,362	450
27. Inter-Government Claims				
28. Miscellaneous	35,048	12,273	(94)	5,673
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1988
(pesos)

Sector							
Private				Insurance		ONBFI	
Deposit money		Other Banks		Companies			
Banks		U	S	U	S	U	S
	1,720			181		310	397
	377			57		(17)	62
	1,343			124		327	335
1,720		181			310		397
1,811		328			(40)		(207)
1,811		328			(40)		(207)
(91)		(147)			350		604
41,138		4,454			1,656		510
	41,229			4,601		1,306	(94)
146							
(4,640)	9,096			86			
1,679	8,305						
11,450	5,095	75		8			
763		179			695		33
	2,363			9	(717)		(15)
	11,879			2,245	263		22
	540			268			(2,233)
21,308	(2,512)	3,666		775	(1,911)	42	(394)
3,351	1,838	79		414	3,211	268	319
					(48)	457	
					(2)	(3)	304
	48			126		(24)	
6,730	139	407		311			1,225
351	4,438	48		359	165	566	(658)
							310

Table 3.61 - FLOW OF FUNDS CAPITAL
(In million)

Sector Transaction Categories	Financial			
	TOTAL		Monetary Authorities	
	U	S	U	S
1. Gross Savings		4,710		1,074
2. Capital Consumption		75		48
3. Net Savings		4,635		1,026
4. Gross Investment	4,710		1,074	
5. Real Investment	2,133		1,018	
6. Consumer Durables				
7. Real Estate/Fixed Assets	1,178		65	
8. Inventory	955		953	
9. Net Financial Investment	2,577		56	
10. Total Financial Uses	50,952		32,708	
11. Total Financial Sources		48,375		32,652
12. Gold & Foreign Currency Holdings	(5,737)		(5,738)	
13. Foreign Currency Deposits	(1,131)	859	(994)	1,236
14. Foreign loans	9,314	18,825		10,298
15. Other Foreign 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	3,283	3,325	
21. Investments/Securities	1,349	(1,025)	550	(2,066)
22. Insurance Reserves		708		
23. Trust Funds		1,255		
24. Trade Credits				
25. Taxes Payable		696		(1)
26. Inter-Financial Claims	(651)	7,261		7,214
27. Inter-Government Claims				
28. Miscellaneous	35,142	6,600	32,421	4,480
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1988 (continued)

pesos)

Sector							
Government		Social Security		ONBFI		Rest of the World	
Specialized Government Banks		Agencies		U	S	U	S
U	S	U	S	U	S	U	S
	367		3,232		37		26,996
	21		(1)		7		
	346		3,233		30		26,996
367		3,232		37		26,996	
703		406		6			
703		404		6			
	2						
(336)		2,826		31		26,996	
11,333		3,473		3,438		41,159	
	11,669		647		3,407		14,163
1							(5,591)
(139)	(377)			2		10,041	(5,771)
9,314	8,551				(24)	25,308	10,993
(137)	2					5,810	14,532
11				843			
	19	37					
	(1,599)	1					
(251)	1,969	2,876		2,817	1,314		
1,319	310	(62)		(458)	731		
		708					
		101			1,154		
	697						
(651)	47						
1,866	2,050	621	(162)	234	232		

Table 3.61 - FLOW OF FUNDS CAPITAL
 (In million)

Sector	Non-Financial			
	TOTAL		Sub-total	
Transaction Categories	U	S	U	S
1. Gross Savings		71,559		62,724
2. Capital Consumption		39,063		35,449
3. Net Savings		32,496		27,275
4. Gross Investment	71,122		62,287	
5. Real Investment	101,411		64,305	
6. Consumer Durables	2,910		2,910	
7. Real Estate/Fixed Assets	92,184		55,011	
8. Inventory	6,317		6,384	
9. Net Financial Investment	(30,289)		(2,018)	
10. Total Financial Uses	96,314		59,730	
11. Total Financial Sources		126,603		61,748
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		(1,822)		(29,698)
15. Other Foreign Claims				
16. Domestic Currency	5,151		135	
17. Demand Deposits	6,197		2,552	
18. Savings and Time Deposits	12,283		12,253	
19. Deposit Substitutes	(1,425)		(1,382)	
20. Domestic Loans	13,138	42,152	12,701	34,409
21. Investments/Securities	28,556	34,701	10,424	19,973
22. Insurance Reserves	1,213		1,213	
23. Trust Funds	1,558		1,558	
24. Trade Credits	13,329	13,329	8,958	7,042
25. Taxes Payable	(663)	(1,509)	(220)	(1,509)
26. Inter-Financial Claims				
27. Inter-Government Claims	1,946	1,946		
28. Miscellaneous	15,031	37,806	11,538	31,531
29. Statistical Discrepancy	437		437	

ACCOUNTS MATRIX, 1988 (continued)
pesos)

Sector			
Private		Households and Non-Corporate Business	
Corporations		U	S
U	S	U	S
	19,970		42,754
	7,667		27,782
	12,303		14,972
19,970		42,317	
72,143		(7,838)	
		2,910	
48,532		6,479	
23,611		(17,227)	
(52,173)		50,155	
43,384		16,346	
	95,557		(33,809)
		(29,698)	
17		118	
2,400		152	
81		12,172	
1,091		(2,473)	
12,701	58,290		(23,881)
6,134	19,973	4,290	
170		1,043	
514		1,044	
8,958	20,637		(13,595)
(220)	(1,509)		
11,538	27,864		3,667
		437	

Table 3.61 - FLOW OF FUNDS CAPITAL
(In million)

Sector	Non-Financial			
	TOTAL		Govern-	
Transaction Categories	U	S	U	S
1. Gross Savings		8,835		9,001
2. Capital Consumption		3,614		689
3. Net Savings		5,221		8,312
4. Gross Investment	8,835		9,001	
5. Real Investment	37,106		10,329	
6. Consumer Durables				
7. Real Estate/Fixed Assets	37,173		10,658	
8. Inventory	(67)		(329)	
9. Net Financial Investment	(28,271)		(1,328)	
10. Total Financial Uses	36,584		19,286	
11. Total Financial Sources		64,855		20,614
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits		27,876		9,772
14. Foreign loans				
15. Other Foreign Claims				
16. Domestic Currency	5,016		5,069	
17. Demand Deposits	3,645		3,441	
18. Savings and Time Deposits	30		(299)	
19. Deposit Substitutes	(43)			
20. Domestic Loans	437	7,743		1,368
21. Investments/Securities	18,132	14,728	8,547	4,481
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	4,371	6,287	254	(1,004)
25. Taxes Payable	(443)		(443)	
26. Inter-Financial Claims				
27. Inter-Government Claims	1,946	1,946	1,899	316
28. Miscellaneous	3,493	6,275	818	5,681
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1988 (continued)

pesos)

Sector				1988	
ment				Grand Total	
Local		Corporation			
U	S	U	S	U	S
	1,889		(2,055)		105,873
	294		2,631		39,617
	1,595		(4,686)		66,256
1,889		(2,055)		105,436	
1,263		25,514		105,436	
				2,910	
1,253		25,262		95,254	
10		252		7,272	
626		(27,569)			
412		16,886		236,183	
	(214)		44,455		236,183
				(5,591)	(5,591)
				4,270	4,270
	(13)		18,117	36,301	36,301
				20,342	20,342
(76)		23		7,675	7,675
217		(13)		5,502	5,502
291		38		12,547	12,547
		(43)		(1,425)	(1,425)
	40	437	6,335	44,574	44,574
(3)		9,588	10,247	36,865	36,865
				1,165	1,165
				1,556	1,556
40	40	4,077	7,251	13,329	13,329
				(663)	(663)
				7,711	7,711
(71)	240	118	1,390	1,946	1,946
14	(521)	2,661	1,115	50,079	50,079
				437	

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 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 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 NSO.

Fishpond production is estimated based on a regional yearly average yield per hectare, computed on the basis of reports by fishery district officers, and applied to the total land area of fishpond 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 Forest Management Bureau and published annually in the Philippine Forestry Statistics. Data published are by-products of the administrative and regulatory functions of the Bureau. Included in this publication are data on area reforested, quantity of production of roundwood, processed wood products and non-timber products harvested.

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

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

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Table 4.1 – QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF PRODUCTION: 1950 TO 1988
(Quantity in 1,000 metric tons and value in million pesos)

Year	Total		Commercial fishing ¹		Municipal fishing and sustenance Fishing ²		Aquaculture ³	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	220.2	215.2	47.9	44.1	146.8	138.0	25.5	33.1
1955	362.9	322.4	107.2	75.0	219.0	201.5	36.7	45.9
1960	444.6	464.4	120.0	93.6	264.6	274.6	60.1	96.2
1965	667.2	806.5	300.1	372.1	303.9	328.2	63.2	106.2
1970	988.9	1,725.2	381.9	614.8	510.5	857.7	96.5	252.7
1971	1,023.1	2,331.0	382.3	879.2	542.9	1,123.8	97.9	328.0
1972	1,122.4	2,827.6	424.8	1,106.1	598.7	1,389.1	98.9	332.4
1973	1,204.8	3,295.4	465.4	1,261.6	639.8	1,599.5	99.6	434.3
1974	1,268.4	5,569.7	470.7	2,389.5	684.5	2,395.7	113.2	784.4
1975	1,336.8	5,919.1	498.6	2,549.0	731.7	2,561.0	106.5	809.1
1976	1,393.5	7,297.9	508.2	2,697.8	726.0	3,408.0	159.3	1,192.2
1977	1,508.9	8,809.2	518.2	3,543.2	827.1	4,015.1	163.6	1,250.9
1978	1,580.4	9,477.2	505.8	3,465.2	857.9	4,810.5	216.7	1,201.6
1979	1,581.3	10,536.7	500.7	3,512.2	839.3	5,364.2	241.2	1,660.2
1980	1,672.2	11,644.4	488.5	3,784.7	894.6	6,017.8	289.2	1,841.9
1981	1,772.9	13,953.8	494.8	4,124.6	938.6	6,963.7	339.5	2,865.5
1982	1,897.0	15,064.0	526.3	4,355.2	978.3	7,315.5	392.3	3,393.3
1983	2,110.2	18,981.5	519.3	4,642.7	1,145.8	9,539.6	445.1	4,799.2
1984	2,080.4	25,649.9	513.3	6,521.2	1,089.2	11,862.8	477.9	7,265.9
1985	2,052.1	31,897.3	512.0	7,857.2	1,045.4	14,715.7	494.7	8,724.4
1986	2,089.5	37,331.5	546.2	9,247.9	1,072.4	17,251.5	470.9	10,832.2
1987	2,213.0	37,241.9	591.2	9,820.7	1,060.9	16,107.5	560.9	11,313.6
1988	2,299.7	...	631.6	...	1,068.5	...	599.5	...

¹ Includes production from commercial fishing vessels.

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

³ Includes production from aquaculture activities as brackishwaterfishponds, 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 - EXPORTS OF FISHERY PRODUCTS BY KIND,
QUANTITY AND VALUE: 1976 TO 1988**
(Quantity in metric tons; Value in thousand pesos)

Year	TOTAL EXPORTS		Fish and fish preparation		Shell and by-products		Misc. Fishery products and by-products	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1976	23,654	330,293	12,575	169,052	6,702	138,162	4,377	23,079
1977	37,534	395,365	23,313	261,013	7,496	106,294	6,725	28,058
1978	48,438	532,223	27,833	351,069	5,725	112,348	14,880	68,806
1979	64,890	781,736	42,098	587,515	5,147	108,268	17,645	85,953
1980	76,179	939,294	56,211	750,039	4,310	97,741	15,658	91,514
1981	83,736	83,736	62,327	1,044,323	4,118	102,530	17,291	104,289
1982	68,265	1,119,735	47,210	920,176	3,118	92,797	17,937	106,762
1983	75,589	1,592,882	53,019	1,283,289	3,376	133,728	19,194	175,865
1984	63,055	2,179,380	47,888	1,723,331	1,974	303,674	13,193	152,375
1985	626,077	3,496,096	589,958	2,752,053	6,399	284,984	29,720	459,059
1986	101,453	4,863,056	60,662	3,985,285	7,663	327,923	33,128	549,848
1987	111,830	6,441,805	70,757	5,452,510	9,680	433,062	31,393	556,233
1988	128,899	9,600,586	91,304	8,545,045	10,133	463,383	27,462	592,158

Source: National Statistics Office

**TABLE 4.3 - IMPORTS OF FISHERY PRODUCTS BY KIND,
QUANTITY AND VALUE: 1976 TO 1988**
(Quantity in metric tons; Value in thousand pesos)

Year	TOTAL IMPORTS		Canned		Fresh, frozen, chilled		Fish meal		Salted, dried smoked, etc.	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1976	64,111	266,021	45,360	225,696	13	.335	18,727	39,543	11	447
1977	38,557	205,082	26,401	164,920	23	518	12,118	38,804	15	840
1978	47,955	229,529	29,768	174,061	22	439	18,134	54,177	31	852
1979	45,874	207,039	22,446	142,585	39	1,549	23,360	61,554	29	1,351
1980	53,401	274,078	28,755	197,344	17	960	24,621	75,232	8	542
1981	46,851	288,434	30,323	232,111	20	1,297	16,499	54,523	9	503
1982	83,445	443,678	36,203	310,726	6,180	12,997	41,052	119,296	10	659
1983	23,038	110,909	5,397	54,817	3,524	11,150	14,096	43,507	21	1,435
1984	6,097	50,269	12	356	1,260	17,368	4,816	30,712	9	1,833
1985	28,755	118,181	207	5,131	5,283	20,399	23,252	91,335	13	1,316
1986	69,085	385,658	601	14,509	32,270	161,786	36,175	206,419	39	2,944
1987	104,936	817,382	892	199,632	66,535	300,221	37,474	315,121	35	2,408
1988	164,575	1,312,467	2,901	54,295	113,879	682,661	47,784	574,271	11	1,240

Source: National Statistics Office

Table 4.4 – SELECTED CHARACTERISTICS OF COMMERCIAL

Year	Total	Number of Commercial Fishing Vessels by Type		
	Number of Commercial Fishing Vessels	Powered	Non-Powered	Unclassified
1955	1,238	887	351	0
1960	1,436	1,373	63	0
1965	2,393 ^a	2,066	278	49
1970	2,284	2,061	179	44
1971	2,180	2,142	31	7
1972	2,222	2,169	53	0
1973	2,513	2,455	54	4
1974	2,286	2,202	82	2
1975	2,543	2,488	55	0
1976	2,571	2,525	46	0
1977	2,269	2,218	51	0
1978	2,133	2,123	10	0
1979	2,464	2,421	43	0
1980	2,407	2,366	41	0
1981	2,349	2,310	39	0
1982	2,580	2,473	107	0
1983	2,634	2,514	120	0
1984	2,666	2,621	45	0
1985	2,484	2,343	141	0
1986	2,283	2,168	17	98
1987	2,516	2,331	16	169

^a 207 were not classified according to tonnage class.

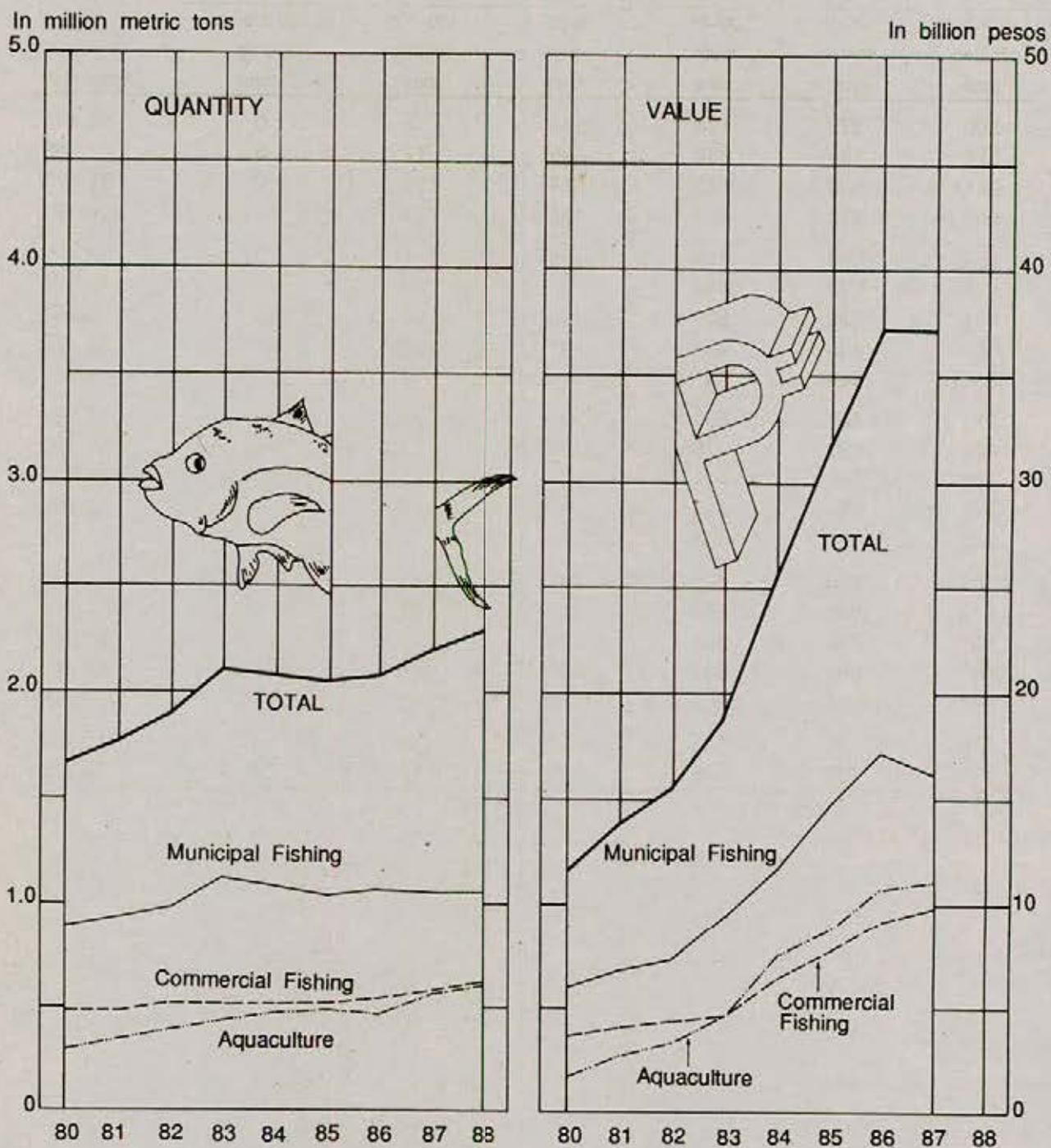
Notes: Accessory Crafts not included e.g. Fish carrier, Pearling Vessels, Light Boat, Skiff boat, etc.

Source: Bureau of Fisheries and Aquatic Resources.

FISHING VESSELS: 1955 TO 1987

Number of Commercial Fishing Vessels by Tonnage Class						Number of Licensed Fishermen
3-9 metric tons	10-19 metric tons	20-49 metric tons	50-99 metric tons	100-199 metric tons	200 & over metric tons	
560	335	194	146	3	0	10,287
574	385	236	229	12	0	15,453
941	430	330	364	121	0	31,170
666	478	426	478	192	44	28,379
664	443	422	440	211	0	29,844
619	466	444	458	195	40	30,493
694	529	534	495	203	58	48,641
655	480	468	427	195	61	52,473
856	559	497	395	178	58	44,866
873	532	531	397	179	59	43,109
821	432	470	328	154	64	41,160
807	508	421	291	86	20	41,156
864	591	504	311	141	53	42,145
843	661	468	278	137	20	53,843
727	643	486	277	145	71	50,790
819	742	512	275	156	76	51,514
867	690	569	277	158	73	44,880
893	698	611	265	138	61	44,618
776	666	602	251	136	53	50,405
680	638	562	232	118	53	41,553
710	756	646	235	119	50	56,715

Figure 4.1 Quantity and Value of Fish Production, by Type of Production, 1980 - 1988



**Table 4.5 – SELECTED CHARACTERISTICS OF BRACKISH WATER FISHPONDS
IN OPERATION: 1955 to 1988**

Year	Area (hectares)	Invest- ments ¹ (thousand pesos)	Employ- ment ² (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	176,230	112,761	640	845,704	79.98
1977	176,231	1,057,383	176,230	115,756	657	891,321	84.30
1978	176,231	1,762,305	176,230	118,682	673	949,456	53.88
1979	176,231	1,762,305	176,230	133,598	758	1,202,382	68.23
1980	176,231	1,762,305	176,230	135,951	771	1,386,700	78.69
1981	195,832	5,874,957	195,831	170,431	870	1,874,741	31.91
1982	195,832	5,874,957	195,831	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
1986	210,319	...	...	207,274	985	8,682,202	...
1987	210,458	...	...	234,584	1,115	9,023,234	...
1988	210,681	...	...	240,206	1,140	...	...

¹ From 1955 to 1972 investments were based on the average development cost of P2,000 per hectare.

Starting 1973, investments were based on the average development cost of P6,000 per hectare.

From 1978 to 1980, investments were based on the average development cost of P10,000 per hectare.

From 1981 to 1985, investments were based on the average development cost of P30,000 per hectare.

² Based on the average of one man employed to every hectare.

Source: Bureau of Fisheries and Aquatic Resources.

**Table 4.6 – SELECTED CHARACTERISTICS OF FRESHWATER FISHPONDS
IN OPERATION: 1981 to 1988**

Year	Area (hectares)	Invest- ments 1 (thousand pesos)	Employ ment 2 (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)
1981	12,289	245,786	12,289	10,634	865	63,804	25.96
1982	12,431	248,640	12,431	11,286	908	95,931	38.58
1983	13,770	275,401	13,770	12,052	875	111,997	40.67
1984	15,311	306,229	15,311	13,111	856	166,968	54.52
1985	14,380	...	...	15,882	1,104	281,532	...
1986	13,397	...	...	15,503	1,157	365,135	...
1987	13,806	...	...	30,165	2,185	612,238	...
1988	13,847	...	...	32,922	...	...	...

1 From 1981 to 1984, investments were based on the average development cost of P30,000 per hectare.

2 Based on the average of one man employed to every hectare.

Source: Bureau of Fisheries and Aquatic Resources.

Figure 4.2 Classified and Unclassified Land Area, 1980 -1988

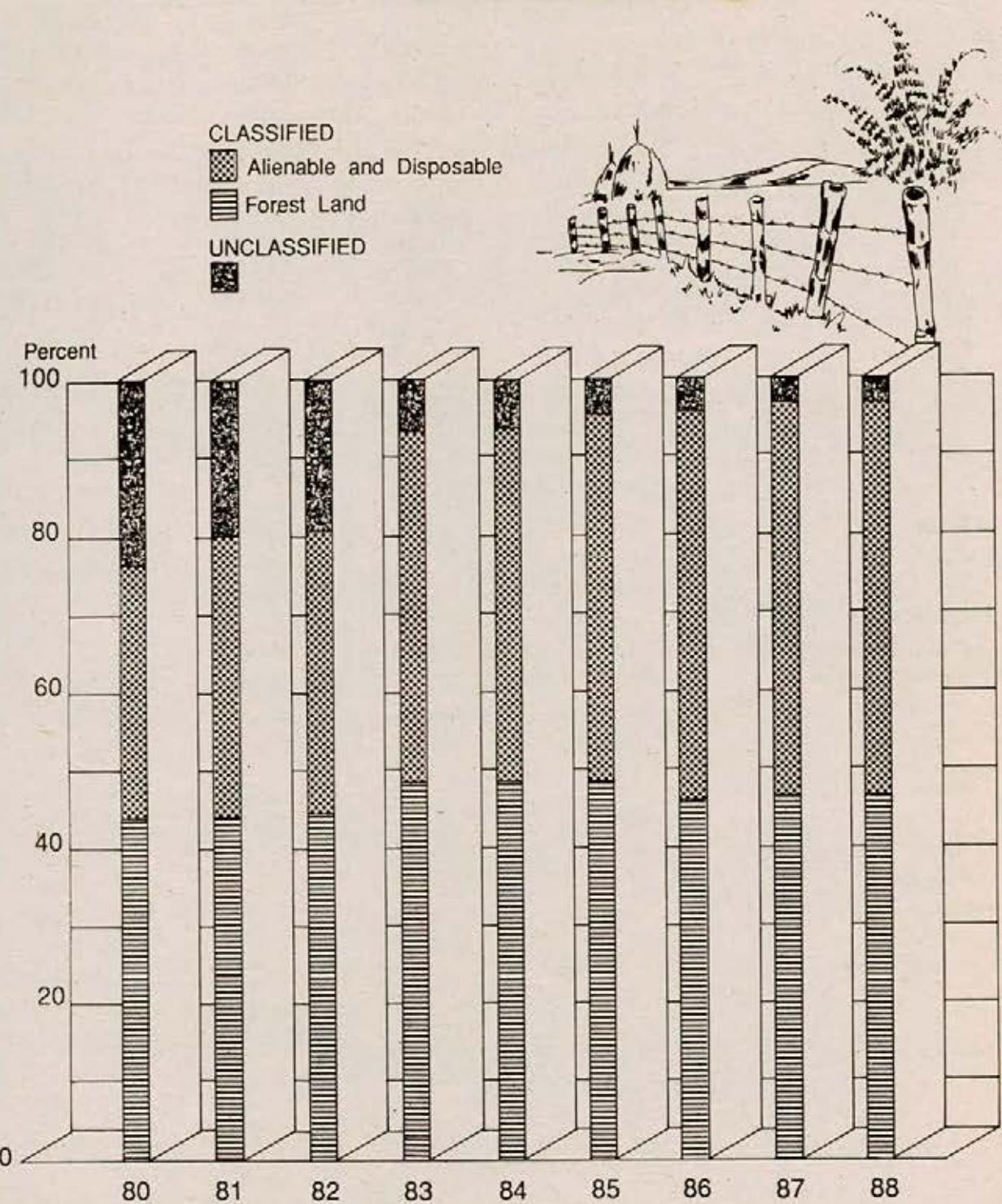


Table 4.7 – STATUS OF LAND CLASSIFICATION
(As of December)

Province	Total Area	Alienable/ Disposable	Total Forest Land	Unclass. Public Forest
PHILIPPINES	29,999,900	14,117,753	15,882,247	921,157
<i>Metro Manila (NCR)</i>	63,600	48,232	15,368	14,740
<i>Region 1</i>	2,156,745	1,044,630	1,112,215	54,290
<i>Abra</i>	397,555	98,420	299,135	8,105
<i>Benguet</i>	265,538	87,897	177,641	13,030
<i>Ilocos Norte</i>	339,934	144,948	194,986	0
<i>Ilocos Sur</i>	257,958	138,412	119,546	26,176
<i>La Union</i>	149,309	120,307	29,002	4,132
<i>Mountain Province</i>	209,733	48,251	161,482	0
<i>Pangasinan</i>	536,718	406,395	130,423	2,847
<i>Region 2</i>	3,640,300	1,066,220	2,574,080	146,305
<i>Batanes</i>	20,928	7,432	13,496	0
<i>Cagayan</i>	900,267	353,261	547,006	6,250
<i>Ifugao</i>	251,778	25,409	226,369	0
<i>Isabela</i>	1,066,456	459,666	606,790	0
<i>Kalinga Apayao</i>	704,764	80,679	624,085	0
<i>Nueva Viscaya</i>	390,387	88,921	301,466	45,105
<i>Quirino</i>	305,720	50,852	254,868	94,950
<i>Region 3</i>	1,823,082	1,051,908	771,174	26,874
<i>Bataan</i>	137,296	69,325	67,971	0
<i>Bulacan</i>	262,500	185,333	77,167	414
<i>Nueva Ecija</i>	528,433	330,985	197,448	13,726
<i>Pampanga</i>	218,068	164,912	53,156	12,734
<i>Tarlac</i>	305,345	184,975	120,370	0
<i>Zambales</i>	371,440	116,378	255,062	0

BY REGION AND PROVINCE

31, 1988)

Total Class. Public Forest	Forest Reserves	Timber- land	National Parks	Mili- tary Reser- vation	Civil Reser- vation	Fish- pond Dev't.
15,001,270	3,271,504	10,305,427	1,342,416	130,330	165,935	75,478
628	0	237	59	0	0	332
1,057,925	628,177	698,809	18,568	842	923	606
291,030	258,743	322,230	57	0	0	0
164,611	19,735	138,810	5,512	554	0	0
194,986	193,272	1,374	340	0	0	0
93,370	10,609	81,141	1,620	0	0	0
24,870	90	13,833	10,947	0	0	0
161,482	122,853	38,629	0	0	0	0
127,576	22,875	102,792	92	288	923	606
2,427,775	612,763	1,776,865	27,726	412	8,920	1,089
13,496	0	13,496	0	0	0	0
540,756	39,378	494,094	6,195	0	0	1,089
226,369	28,467	197,902	0	0	0	0
606,790	31,260	546,005	20,193	412	8,920	0
624,085	374,997	247,750	1,338	0	0	0
256,361	95,849	160,512	0	0	0	0
159,918	42,812	117,106	0	0	0	0
744,300	164,685	422,729	34,199	117,019	804	4,864
67,971	9,284	33,020	25,188	479	0	0
76,753	6,600	64,890	1,787	0	0	3,476
183,722	84,500	31,679	3,504	63,900	139	0
40,422	12,484	16,777	3,709	7,452	0	0
120,370	0	83,115	2	36,588	665	0
255,062	51,817	193,248	9	8,600	0	1,388

Table 4.7 - STATUS OF LAND CLASSIFICATION
(As of December)

Province	Total Area	Alienable/ Disposable	Total Forest Land	Unclass. Public Forest
<i>Region 4</i>	4,692,416	2,161,264	2,531,152	160,308
<i>Aurora</i>	323,954	132,008	191,946	0
<i>Batangas</i>	316,581	265,419	51,162	9,102
<i>Cavite</i>	128,755	100,550	28,205	12,625
<i>Laguna</i>	175,973	134,720	41,253	0
<i>Marinduque</i>	95,925	73,720	22,205	0
<i>Mindoro Occidental</i>	587,985	156,004	431,981	49,531
<i>Mindoro Oriental</i>	436,472	222,573	213,899	11,312
<i>Palawan</i>	1,489,626	447,776	1,041,850	0
<i>Quezon</i>	870,660	472,361	398,299	49,696
<i>Rizal</i>	130,892	63,889	67,003	0
<i>Romblon</i>	135,593	92,244	43,349	28,042
<i>Region 5</i>	1,763,249	1,222,060	541,189	69,873
<i>Albay</i>	255,257	206,205	49,052	0
<i>Camarines Norte</i>	211,249	140,030	71,219	12,872
<i>Camarines Sur</i>	526,682	365,551	161,131	44,354
<i>Catanduanes</i>	151,148	73,325	77,823	549
<i>Masbate</i>	404,769	263,384	141,385	1,846
<i>Sorsogon</i>	214,144	173,565	40,579	10,252
<i>Region 6</i>	2,022,311	1,408,782	613,529	1,606
<i>Aklan</i>	181,789	102,799	78,990	692
<i>Antique</i>	252,201	144,728	107,473	0
<i>Capiz</i>	263,317	169,515	93,802	86
<i>Iloilo</i>	532,397	396,149	136,248	0
<i>Negros Occidental</i>	792,607	595,591	197,016	828
<i>Region 7</i>	1,495,142	959,247	535,895	69,555
<i>Bohol</i>	411,726	310,455	101,271	0
<i>Cebu</i>	508,839	367,748	141,091	0
<i>Negros Oriental</i>	540,227	258,865	281,362	63,091
<i>Siquijor</i>	34,350	22,179	12,171	6,464
<i>Region 8</i>	2,143,169	1,023,715	1,119,454	38,925
<i>Eastern Samar</i>	433,965	142,982	290,983	0
<i>Northern Leyte</i>	626,826	410,182	216,644	19,350
<i>Northern Samar</i>	349,798	148,134	201,664	0
<i>Southern Leyte</i>	173,480	125,961	47,519	19,575
<i>Western Samar</i>	559,100	196,456	362,644	0

BY REGION AND PROVINCE (continued)

31, 1988)

Total Class. Public Forest	Forest Reserves	Timber- land	National Parks	Mili- tary Reser- vation	Civil Reser- vation	Fish- pond Dev't.
2,370,844	455,395	831,218	1,029,442	3,835	45,278	5,676
191,946	84,803	102,953	4,190	0	0	0
42,060	0	33,153	8,537	51	0	319
15,580	0	12,781	0	2,799	0	0
41,253	3,637	34,588	2,754	274	0	0
22,205	17,901	4,304	0	0	0	0
382,450	91,270	78,783	192,811	147	16,190	3,249
202,587	85,659	68,457	44,289	0	3,680	502
1,041,850	74,267	174,883	767,320	0	25,380	0
348,603	72,606	264,990	9,541	0	28	1,438
67,003	22,582	43,857	0	564	0	0
15,307	2,670	12,469	0	0	0	168
511,316	69,939	412,996	25,276	0	63	3,042
49,052	5,026	38,517	5,459	0	0	50
58,347	796	54,638	2,840	0	0	73
156,777	15,027	127,471	13,145	0	0	1,134
77,274	6,725	70,486	0	0	63	0
139,539	34,298	104,121	159	0	0	961
30,327	8,067	17,763	3,673	0	0	824
611,923	135,344	428,988	23,505	0	235	23,851
78,298	0	74,428	0	0	0	3,870
107,473	24,593	82,880	0	0	0	0
93,716	0	88,566	0	0	0	5,150
136,248	41,836	85,545	854	0	0	8,013
196,188	68,915	97,569	22,651	0	235	6,818
466,340	49,407	397,426	15,054	4	114	4,335
101,271	19,410	78,454	0	0	0	3,407
141,091	21,427	105,599	13,148	4	114	799
218,271	8,570	207,694	1,906	0	0	101
5,707	0	5,679	0	0	0	28
1,080,529	51,508	1,018,259	4,108	176	862	5,616
290,983	1,890	288,467	0	0	0	626
197,294	19,782	173,268	3,268	48	862	66
201,664	11,864	188,160	0	128	0	1,512
27,944	17,804	10,140	0	0	0	0
362,644	168	358,224	840	0	0	3,412

Table 4.7 - STATUS OF LAND CLASSIFICATION
(As of December)

Province	Total Area	Alienable/ Disposable	Total Forest Land	Unclass. Public Forest
<i>Region 9</i>	1,868,514	865,322	1,003,192	118,019
<i>Basilan</i>	132,723	85,574	47,149	5,953
<i>Sulu</i>	160,040	47,687	112,353	66,284
<i>Tawi-tawi</i>	108,740	55,383	53,357	24,864
<i>Zamboanga North</i>	661,811	262,384	399,427	4,825
<i>Zamboanga South</i>	805,200	414,294	390,906	16,093
<i>Region 10</i>	2,832,774	1,067,348	1,765,426	50,732
<i>Agusan del Norte</i>	259,029	66,630	192,399	0
<i>Agusan del Sur</i>	896,550	221,628	674,922	1,125
<i>Bukidnon</i>	829,378	336,412	492,966	42,943
<i>Camiguin</i>	22,980	20,771	2,209	0
<i>Misamis Occidental</i>	193,932	125,375	68,557	0
<i>Misamis Oriental</i>	357,003	174,959	182,044	0
<i>Surigao del Norte</i>	273,902	121,573	152,329	6,664
<i>Region 11</i>	3,169,275	1,212,440	1,956,835	116,774
<i>Davao del Norte</i>	812,975	297,674	515,301	2,188
<i>Davao del Sur</i>	637,762	239,015	398,747	0
<i>Davao Oriental</i>	516,446	200,944	315,502	12,188
<i>South Cotabato</i>	746,876	342,191	404,685	101,273
<i>Surigao del Sur</i>	455,216	132,616	322,600	1,125
<i>Region 12</i>	2,329,323	986,585	1,342,738	53,156
<i>Lanao del Norte</i>	309,204	158,473	150,731	0
<i>Lanao del Sur</i>	387,289	133,135	254,154	0
<i>Maguindanao</i>	504,760	306,622	198,138	3,525
<i>North Cotabato</i>	656,590	149,972	506,618	3,825
<i>Sultan Kudarat</i>	471,480	238,383	233,097	45,806

Source: National Mapping and Resource Information Authority, DENR.

BY REGION AND PROVINCE (continued)

31, 1988)

Total Class. Public Forest	Forest Reserves	Timber- land	National Parks	Mili- tary Reser- vation	Civil Reser- vation	Fish- pond Dev't.
885,173	424,924	443,294	2,820	46	2,611	11,478
41,196	18,397	18,153	2,597	0	0	2,049
46,069	0	44,898	213	0	0	958
28,493	0	28,108	0	0	0	385
394,602	230,348	164,066	10	46	12	120
374,813	176,179	188,069	0	0	2,599	7,966
1,714,694	314,816	1,326,548	55,734	0	6,209	11,387
192,399	47,595	143,792	0	0	1,012	0
673,797	164,794	503,809	0	0	5,194	0
450,023	50,636	390,635	0	0	0	8,752
2,209	0	2,209	0	0	0	0
68,557	280	13,137	53,262	0	0	1,878
182,044	7,836	174,148	57	0	3	0
145,665	43,675	98,818	2,415	0	0	757
1,840,061	217,841	1,546,706	53,643	0	19,127	2,744
513,113	31,221	473,012	0	0	8,880	0
398,747	55,733	290,490	52,262	0	0	262
303,314	24,641	276,718	1,381	0	0	574
303,412	33,188	259,549	0	0	10,247	428
321,475	73,058	246,937	0	0	0	1,480
1,289,762	146,705	1,001,352	52,282	7,996	80,789	458
150,731	26,388	116,347	0	7,996	0	0
254,154	11,844	240,628	1,682	0	0	0
194,613	12,515	152,050	30,048	0	0	0
502,973	55,852	345,600	20,552	0	80,789	0
187,291	40,106	146,727	0	0	0	458

Table 4.8 – CLASSIFIED AND UNCLASSIFIED LAND AREA: 1955 TO 1988
(In hectares)

Year	Classified Area				Unclassified Area	
	Alienable and disposable		Forest Land			
	Area	Percent	Area	Percent	Area	Percent
FY 1955	10,470,634	34.90	4,079,231	13.59	15,450,135	51.51
1960	11,883,353	39.61	6,300,979	21.00	11,815,168	39.39
1965	12,365,431	41.21	7,727,082	25.75	9,906,482	33.04
1970	12,572,433	41.90	8,542,527	28.47	8,885,040	29.63
1971	12,651,472	42.17	8,794,789	29.35	8,553,739	28.52
1972	12,747,516	42.49	8,851,076	29.50	8,401,218	28.00
1973	12,807,993	42.69	8,936,532	29.79	8,256,638	27.52
1974	12,917,083	43.06	9,050,804	30.17	8,018,775	26.77
1975	12,971,282	43.23	9,114,118	30.38	7,893,371	26.38
CY 1976	12,975,861	43.25	9,129,961	30.43	7,894,178	26.31
1977	12,991,758	43.30	9,134,168	30.45	7,874,074	26.25
1978	13,069,840	43.57	9,147,714	30.49	7,782,446	25.94
1979	13,093,263	43.64	9,328,559	31.10	7,578,178	25.26
1980	13,269,340	44.23	9,705,170	32.35	7,025,490	23.42
1981	13,327,630	44.43	10,825,731	36.08	5,846,639	19.49
1982	13,359,243	44.53	10,914,433	36.38	5,726,324	19.09
1983	14,467,592	48.23	10,472,269	34.91	5,060,139	6.87
1984	14,515,393	48.38	13,657,272	45.52	1,827,335	6.09
1985	14,659,760	48.87	14,020,446	46.73	1,319,794	4.40
1986	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
1987	14,108,087	47.03	15,010,616	50.04	881,297	2.94
1988	14,117,753	47.06	15,001,090	50.00	881,157	2.94

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

Source: National Mapping and Resource Information Authority, DENR.

Figure 4.3 Quantity of Production of Logs, Lumber, Plywood, and Veneer,
1980 - 1988

In million cubic meters

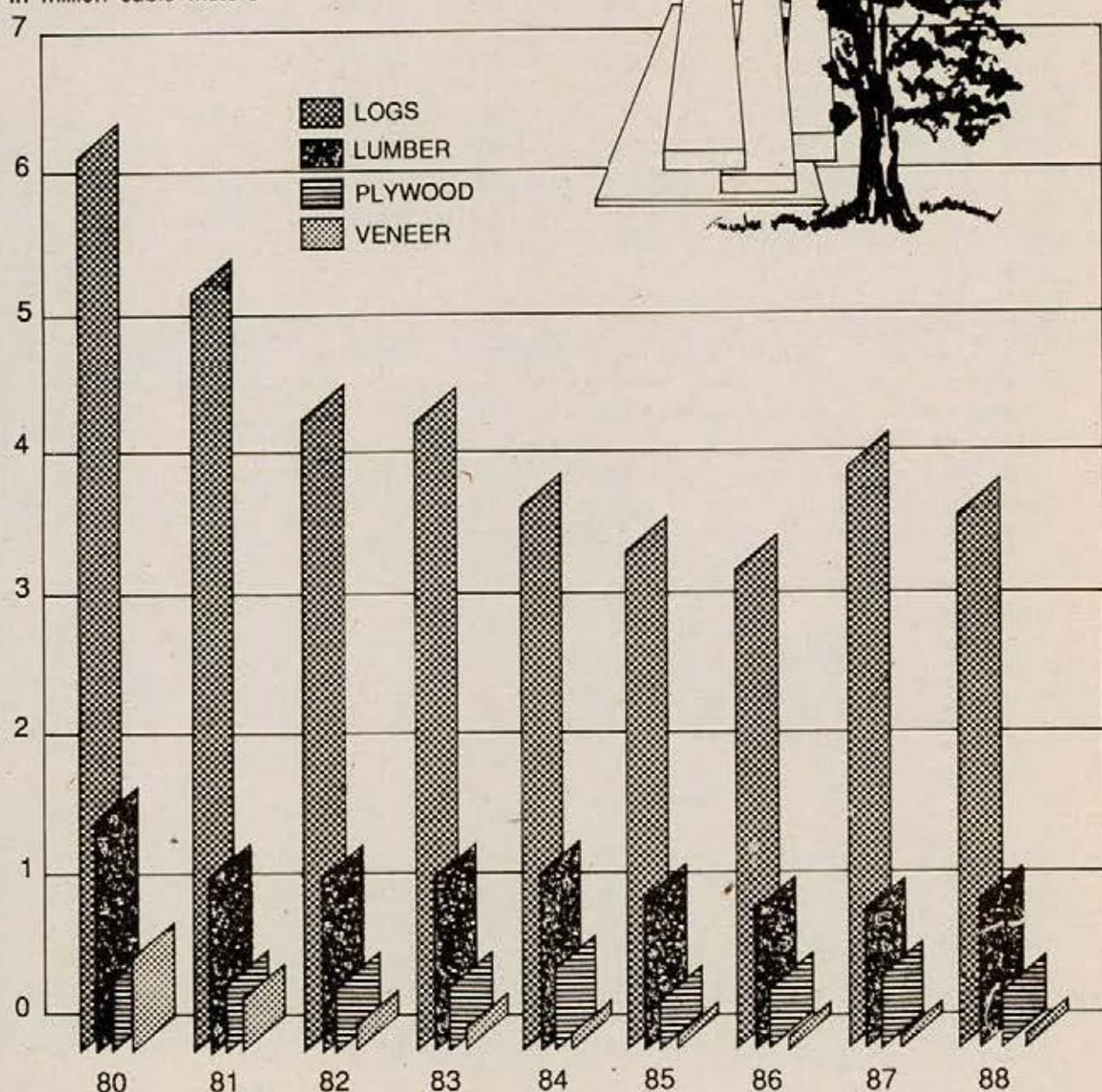


Table 4.9 - AREA REFORESTED ANNUALLY: 1976 TO 1988
(In hectares)

Year	Total	Newly planted area ¹					
		Government sector			Private sector		
		Total	FMB	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	78,415	44,686	34,343	10,343	33,729	22,006	11,733
1979	79,397	51,858	35,305	16,553	27,539	20,132	7,407
1980	60,516	39,881	32,956	6,925	20,635	15,579	5,056
1981	64,541	33,296	30,707	2,589	31,245	20,096	11,149
1982	63,262	35,201	31,202	3,999	28,061	21,588	6,473
1983	78,538	42,239	27,155	15,084	36,299	31,703	4,596
1984	38,935	16,088	15,520	568	22,847	14,186	8,661
1985	24,231	12,684	12,201	483	11,547	8,148	3,399
1986	32,998	24,426	22,495	1,931	8,572	6,572	2,000
1987	39,810	28,843	27,558	1,285	10,967	7,956	3,011
1988	64,299	32,012	20,142	11,870	32,287	...	...

¹ Area established by the Forest Management Bureau.

Source: Department of Environment and Natural Resources.

**Table 4.10 – QUANTITY OF PRODUCTION OF LOGS, LUMBER,
PLYWOOD AND VENEER: FY 1960 TO 1988**
(1,000 m)

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	1,234	574	98
1985	3,568	1,062	350	77
1986	3,434	977	424	73
1987	4,147	1,233	517	75
1988	3,809	1,033	415	85

Source: Forest Management Bureau.

Table 4.11 – ROUNDWOOD PRODUCTION: 1976 – 1988
(In thousand cubic meters)

Year	Total	Sawlog/ Veneer log	Log Pulpwood	Poles and Piles	Fuelwood/ Firewood Mangrove	Upland	Charcoal
1976	8,729	8,646 ³	0	0	8	34 ¹	41
1977	7,951	7,721 ²	152	0	23	52 ¹	3
1978	7,243	6,774 ²	395	0	1	73 ¹	3
1979	6,773	6,153 ²	443	0	16	156	5
1980	6,462	5,978 ²	390	0	14	78	2
1981	5,542	4,904	496	20	a	94	28
1982	4,674	3,973	541	75	14	69	2
1983	4,545	3,698	732	38	0	47	30
1984	4,280	2,876	987	9	0	355	53
1985	3,914	3,185	368	15	0	310	36
1986	3,588	3,078	318	38	0	125	29
1987	4,253	3,412	681	54	0	77	29
1988	3,890	3,185	615	9	0	78	3

1 Including mangrove

2 Including poles and piles

3 Including pulpwood and poles & piles.

a Less than one hundred cubic meters.

Source: Forest Management Bureau.

**Table 4.12 - PRODUCTION OF PROCESSED WOOD PRODUCTS:
1976 - 1988**

Year	Lumber	Veneer	Plywood	Paper & Paper- board	Fiber- board	Particle- board	Block- board
	(In thousand cubic meters)				(In thousand metric tons)		
1976	1,609	403	416	184	51	0	19
1977	1,567	496	489	212	54	0	19
1978	1,780	546	326	200	61	1	14
1979	1,626	634	503	326	69	1	12
1980	1,529	660	553	324	0	0	3
1981	1,219	364	457	247	0	0	6
1982	1,200	159	422	223	0	0	10 ¹
1983	1,222	146	459	213	0	8	10 ¹
1984	1,234	98	573	251	0	3 ¹	12 ¹
1985	1,062	77	350	155	0	2 ¹	7 ¹
1986	977	73	424	183	0	4	21
1987	1,233	75	517	65	0	0	15
1988	1,033	85	415	244	36	0	20

¹ In thousand cubic meters.

Source: Forest Management Bureau and PULPAPEL.

**Table 4.13 – NON-TIMBER FOREST
(In**

Year	Almaciga Resin (k)	Anahaw Leaves (pc)	Bamboo and Boho (pc)	Buri (k)	Hingiw (k)	Honey and Beeswax (k)	Nipa Sap (l)
1976	375	0	76	0	0	0	110
1977	648	0	787	27	0	3	25
1978	617	0	426	0	0	27	10
1979	317	0	1,769	4	0	53	0
1980	506	0	327	32	a	2	0
1981	476	40	885	308	2	1	2
1982	1,407	22	647	97	3	94	6
1983	462	96	410	57	10	1	a
1984	191	6	309	155	9	0	a
1985	380	31	644	48	10	1	0
1986	922	0	428	33	3	1	0
1987	485	2	402	5	8	0	a
1988	700	10	133	41	0	0	4

a Less than one thousand.

Source: Forest Management Bureau.

PRODUCTS HARVESTED; 1976 - 1988
(Thousand)

Nipa Shingles (k)	Nito (k)	Orchid/ Fern (pc)	Split Rattan (k)	Unsplit Rattan (1m)	Salago Bark (k)	Tanbark (k)
630	0	0	139	3,599	0	500
736	a	3	66	3,751	0	131
1,492	52	1	186	6,884	36	21
809	0	0	1,055	10,628	191	41
2,624	4	0	348	12,758	543	10
2,978	25	a	1,177	33,511	674	859
4,126	18	1	195	15,594	258	83
3,166	8	1	73	24,244	83	52
1,757	12	a	2,770	25,370	144	98
2,675	23	a	72	19,437	47	53
3,989	0	a	249	28,588	156	1,020
3,579	0	1	98	33,902	2	33
2,504	0	a	54	34,215	10	0

TABLE 4.14 - MINERAL ORE
(In thousand)

Kind of Ore	Estimated reserves			
	1978	1979	1980	1981
<i>Total</i>	32,734,345	33,819,009	33,610,356	34,650,919
<i>Metallic</i>	10,183,296	11,345,190	9,601,685	10,248,615
<i>Cadmium</i>	47	47	47	47
<i>Chromite</i>	17,255	72,846	94,853	96,716
(Metallurgical)	10,249	65,389	86,627	87,599
(Refractory)	7,006	7,457	8,226	9,117
(Chemical)	...	...	...	...
<i>Copper</i>	3,657,290	3,939,934	4,313,253	4,333,813
<i>Gold</i>	1,003,876	1,664,587	2,014,467	1,933,140
<i>Iron</i>	4,032,259	4,070,138	1,237,905	1,319,391
(Aluminum laterite)	292,010	292,010	292,010	292,011
(Laterite)	3,513,323	3,513,063	727,393	783,878
(Lump ore)	71,103	95,953	98,278	123,278
(Magnetic sand)	155,823	169,112	120,224	120,224
<i>Lead</i>	6,489	9,328	9,360	9,237
<i>Manganese</i>	1,504	7,546	7,535	7,535
<i>Mercury</i>	15,897	15,897	15,897	15,897
<i>Molybdenum</i>	70,999	70,999	184,130	765,515
<i>Nickel</i>	1,366,122	1,479,462	1,708,854	1,751,007
<i>Platinum</i>	942	942	942	942
<i>Uranium</i>	90	90	90	90
<i>Zinc</i>	10,526	13,374	14,352	15,285

RESERVES; 1978 TO 1987

(tonnes)

as of December 31

1982	1983	1984	1985	1986	1987
34,781,294	33,876,975	30,669,245	31,104,817	31,211,443	31,272,626
10,314,690	9,910,498	6,219,016	6,366,518	6,253,960	6,113,822
47	47	...	...	...	...
91,576	93,106	32,941	32,072	30,115	29,824
83,470	84,632	16,922	16,465	16,446	15,140
8,106	8,474	12,701	12,365	10,443	11,884
...	...	3,318	3,242	3,226	2,800
4,310,620	4,212,316	3,997,674	4,092,439	4,017,190	3,881,255
2,108,260	1,840,610	100,637	101,048	101,920	101,557
1,331,093	1,303,447	474,362	474,362	474,362	474,362
292,011	292,010	292,010	292,010	292,010	292,010
798,679	769,849	...	...	...	...
120,179	121,364	80,732	80,732	80,732	80,732
120,224	120,224	101,620	101,620	101,620	101,620
9,318	9,472	6,313	6,313	6,313	6,313
7,537	7,536	1,397	1,396	1,179	1,396
15,897	15,897	16,243	16,243	16,243	16,243
670,980	658,390	30,608	30,608	30,608	30,608
1,752,120	1,753,132	1,552,678	1,605,874	1,569,867	1,566,101
942	942	...	...	...	...
90	90	...	...	...	...
16,210	15,513	6,163	6,163	6,163	6,163

TABLE 4.14 - MINERAL ORE
(In thousand)

Kind of Ore	Estimated reserves			
	1978	1979	1980	1981
Non-Metallic	22,551,049	22,473,819	24,008,671	24,402,304
<i>Asbestos</i>	2,093	2,903	24,498	24,498
<i>Barite</i>	105	192	149	174
<i>Cement raw materials</i>	5,571,133	5,308,066	6,849,886	6,350,588
<i>Clay</i>	876,319	782,109	1,061,502	1,088,073
<i>Coal</i>	...	...	...	...
<i>Construction materials</i>	593,109	659,551	637,802	655,607
<i>Diatomaceus earth</i>	3,903	2,903	2,903	3,903
<i>Dolomitic limestone</i>	240,765	290,756	290,745	264,578
<i>Feldspar</i>	27,124	25,192	25,114	30,038
<i>Gypsum</i>	1,882	1,882	1,882	1,884
<i>Limestone</i>	9,133,316	8,979,480	8,793,041	9,633,627
<i>Magnesite</i>	1,491	580	26,536	26,535
<i>Marble</i>	3,739,454	3,773,313	3,942,751	3,955,039
<i>Peat</i>	2,016	2,016	2,016	2,016
<i>Perlite</i>	18,531	18,528	18,526	18,518
<i>Pumice and pumicite</i>	21,878	21,878	21,878	21,878
<i>Pyrite</i>	987,502	987,419	987,324	987,257
<i>Quartz</i>	511,606	511,925	512,476	511,267
<i>Rock asphalt</i>	...	...	...	...
<i>Saprolite</i>	...	...	...	...
<i>Silica rock</i>	15,544	13,876	13,876	13,876
<i>Silica rock form</i>	...	...	...	...
<i>Silica sand</i>	772,869	1,061,328	765,810	782,992
<i>Sulphur</i>	29,454	29,454	29,453	29,453
<i>Talc</i>	455	468	503	503
<i>Silica pebbles/cobbles</i>	...	...	...	...
<i>Bauxite</i>	...	...	...	...
<i>Beatonite</i>	...	...	...	...
<i>Gusno</i>	...	...	...	...
<i>Limestone for Agricultural lime</i>	...	...	...	...
<i>Rock phosphate</i>	...	...	...	...

Source: Mines and Geo-Sciences Bureau.

RESERVES; 1978 TO 1987 (continued)
tonnes)

as of December 31					
1982	1983	1984	1985	1986	1987
24,466,604	23,966,477	24,450,229	24,738,299	24,957,483	25,158,804
24,498	24,498	24,498	24,498	24,498	24,498
180	153	163	163	163	163
6,249,970	6,178,482	6,399,211	6,204,710	6,508,301	6,507,569
1,076,390	1,068,749	1,088,504	1,117,880	1,121,967	1,121,963
...
656,710	649,932	687,882	691,003	689,487	689,011
3,903	3,903	3,903	3,903	3,903	3,903
271,672	267,832	256,577	488,388	489,107	488,758
32,298	31,148	29,393	29,392	29,388	29,380
1,884	1,884	1,883	1,883	1,883	1,883
9,770,269	9,748,973	9,217,285	9,217,440	9,304,599	9,308,072
26,536	26,536	26,534	26,534	26,534	26,534
3,970,772	3,942,974	4,155,251	4,154,944	4,154,934	4,154,925
2,016	2,016	...	...	...	...
18,526	18,748	18,513	18,509	18,509	18,509
21,878	21,878	21,878	21,878	21,878	21,878
987,470	987,757	987,120	987,016	988,584	988,482
510,390	511,734	...	...	...	...
...
...
13,876	13,876	...	...	...	...
...	...	1,005,428	1,207,922	1,007,912	1,207,840
797,410	435,448	92,403	107,921	114,605	113,717
29,453	29,453	29,453	29,454	44,011	44,011
503	503	503	503	503	503
...	...	6,822	6,818	6,806	6,804
...	...	82,650	82,650	82,650	82,650
...	...	667	1,182	1,382	1,381
...	...	815	815	1,014	1,014
...	...	310,547	310,545	312,458	312,949
...	...	2,346	2,346	2,407	2,407

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; and agricultural loans outstanding and granted by financial institutions; total area and number of individuals who have benefitted under major programs of land distribution and those who will still benefit under the Comprehensive Agrarian Reform Program; number and membership of registered samahang nayon by region as well as data on cooperatives.

The Bureau of Agricultural Statistics (BAS) 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.

Starting with the October round of CY 1980, the RCS has been conducted quarterly. Each survey round serves also as a confirmation of the forecast estimates gathered during the preceding round.

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 surveys) 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 semi-annually 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 NSO also collects data by means of agriculture censuses conducted at irregular intervals. Farm characteristics collected include: (1) area and number of agricultural holdings classified into different types, (2) aggregate area of field crops and number of holdings reporting them; (3) area and number of trees and vines of productive age and number of agricultural holdings reporting them; (4) number of livestock herd at a specific date; (5) area planted and production during the cropyear of key food and commercial crops; and (6) value and quantity of eggs and milk production.

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

Another input to agriculture is fertilizer where we present here its production, importation and consumption as compiled by the Fertilizer and Pesticide Authority. The other sources of data on agriculture are the Central Bank of the Philippines, Department of Agrarian Reform, and Bureau of Cooperatives Development.

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Figure 5.1 Quantity and Value of Crop Production, Philippines, 1980 - 1988

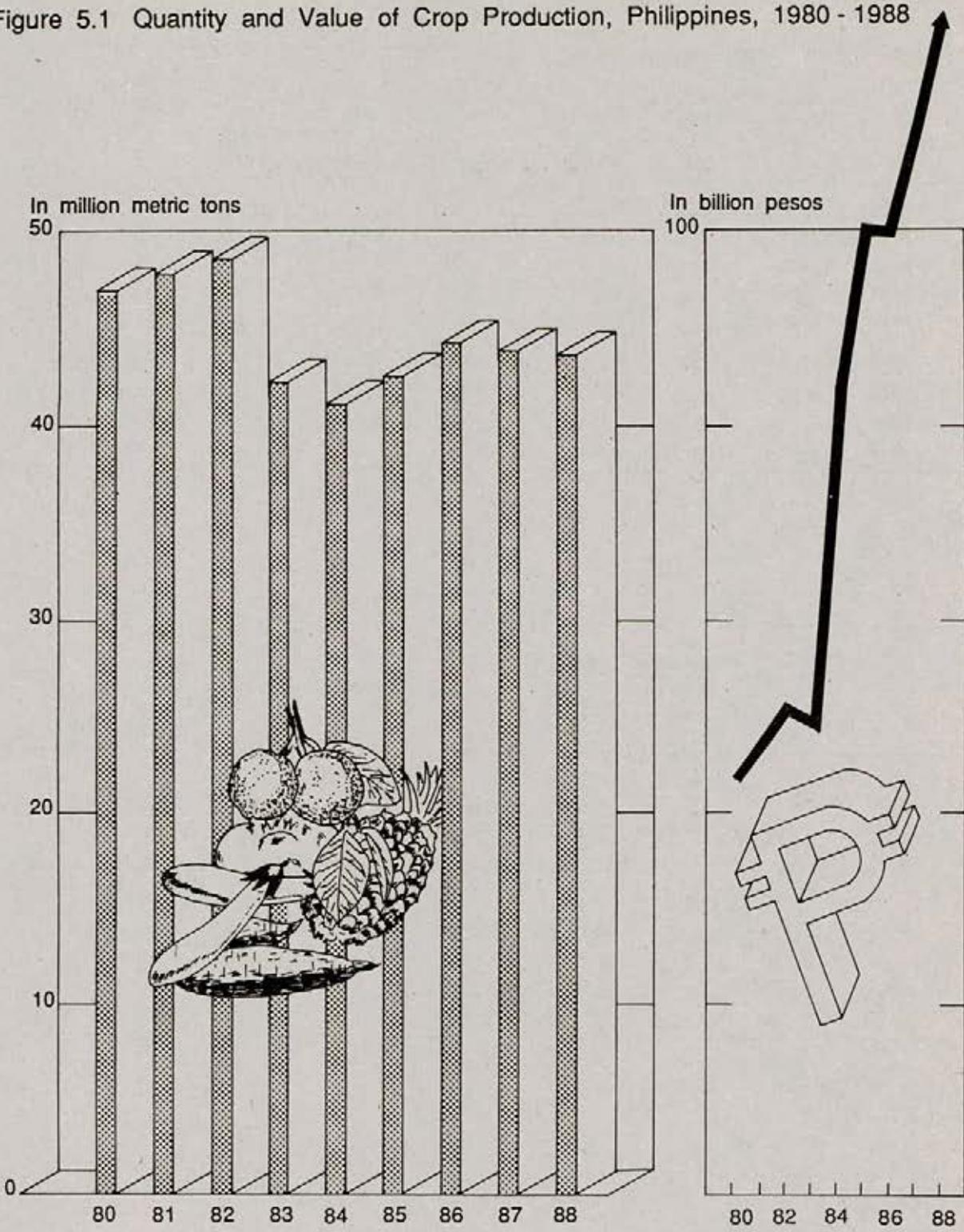


Table 5.1 – AGRICULTURAL PRODUCTION
(In thousand hectares)

Year	Total Crops				Total Food Grains			
	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)
1980	12,764	3.69	47,091	44,009	6,670	1.60	10,697	12,010
1981	12,817	3.73	47,818	47,819	6,714	1.67	11,207	14,426
1982	13,090	3.71	48,503	51,722	6,734	1.74	11,738	15,916
1983	12,586	3.36	42,315	50,197	6,186	1.68	10,429	15,620
1984	12,538	3.29	41,228	84,630	6,389	1.73	11,079	27,385
1985	12,986	3.28	42,645	100,632	6,817	1.86	12,668	39,513
1986	13,264	3.35	44,458	100,275	7,059	1.89	13,338	36,649
1987	13,103	3.35	43,905	110,156	6,938	1.85	12,818	38,299
1988	13,388	3.28	43,848	128,332	7,138	1.88	13,399	43,923

Year	Total Other Food Crops				Other Food Crops			
	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)
1980	5,555	6.42	35,683	30,551	3,010	5.18	15,593	8,264
1981	5,585	6.44	35,961	32,220	3,073	4.84	14,860	7,579
1982	5,018	7.20	36,154	34,590	3,150	4.45	14,005	6,862
1983	5,815	5.39	31,335	33,422	3,205	3.4	10,894	6,972
1984	5,696	5.19	29,590	55,596	3,272	3.35	10,973	18,874
1985	5,667	5.18	29,358	57,764	3,245	3.44	11,154	15,839
1986	5,739	5.32	30,532	60,952	3,335	3.56	11,926	12,164
1987	5,762	5.32	30,644	68,475	3,381	3.49	11,803	13,861
1988	5,931	5.06	30,000	80,755	3,523	3.07	10,800	14,973

BY KIND OF CROP: 1980 TO 1988

(metric tons, pesos)

FOOD GRAINS							
Palay				Corn			
Area	Mean Yield (ha)	Quantity (MT)	Value (Pesos)	Area	Mean Yield (ha)	Quantity (MT)	Value (Pesos)
3,471	2.20	7,646	8,786	3,199	0.95	3,050	3,224
3,419	2.31	7,911	10,440	3,295	1.00	3,296	3,986
3,351	2.49	8,334	11,573	3,383	1.01	3,404	4,343
3,054	2.39	7,295	11,281	3,132	1.00	3,134	4,339
3,162	2.48	7,829	19,668	3,227	1.01	3,250	7,717
3,306	2.66	8,806	28,719	3,511	1.10	3,863	10,795
3,464	2.67	9,247	26,390	3,595	1.14	4,091	10,259
3,256	2.62	8,539	26,122	3,683	1.16	4,278	12,177
3,393	2.64	8,971	30,860	3,745	1.18	4,428	13,062

Sugarcane				Coffee			
Area	Mean Yield (ha)	Quantity (MT)	Value (Pesos)	Area	Mean Yield (ha)	Quantity (MT)	Value (Pesos)
460	4.94	2,273	3,971	91	1.49	136	1,979
402	7.98	3,208	5,162	113	1.43	162	2,390
425	8.44	3,588	6,687	126	1.37	173	1,977
416	7.51	3,123	6,280	143	0.80	114	1,945
422	8.98	3,790	11,818	145	0.84	122	3,387
389	5.89	2,293	8,415	146	0.92	135	3,300
313	6.62	2,071	7,582	148	0.95	140	4,598
274	6.71	1,839	10,000	147	0.90	132	3,723
273	6.90	1,883	16,566	149	0.95	141	4,548

Table 5.1 – AGRICULTURAL PRODUCTION
(In thousand hectares)

Year	Cacao				Fruits and Nuts			
	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)
1980	7	0.57	4	107	655	11.36	7,440	7,984
1981	7	0.57	4	95	659	10.98	7,233	8,133
1982	11	0.64	7	138	685	11.40	7,810	9,285
1983	12	0.42	5	81	720	10.53	7,585	9,137
1984	12	0.42	5	139	715	10.23	7,313	12,596
1985	15	0.40	6	192	719	10.74	7,721	15,563
1986	16	0.44	7	205	741	10.67	7,910	19,396
1987	17	0.41	7	226	745	11.35	8,436	22,956
1988	17	0.47	8	287	751	11.37	8,538	24,393

Year	Fiber Crops				Others			
	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)
1980	285	1.78	507	807	254	0.80	204	641
1981	281	1.63	458	535	238	0.81	193	638
1982	292	1.42	414	609	346	0.57	197	606
1983	229	1.44	330	527	356	0.62	221	628
1984	206	1.33	275	657	247	1.15	284	992
1985	213	1.34	286	1,379	289	1.15	333	1,976
1986	206	1.35	279	975	260	1.19	309	1,698
1987	152	0.99	150	1,436	251	1.17	294	1,946
1988	145	1.02	148	1,416	174	1.73	301	2,238

Source: Bureau of Agricultural Statistics.

BY KIND OF CROP: 1980 TO 1988 (continued)

metric tons, pesos)

Vegetables				Total Non-Food Crops			
Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)	Area (ha)	Mean Yield (MT/ha)	Quantity (MT)	Value (Pesos)
1,333	7.68	10,236	8,246	539	1.32	711	1,447
1,331	7.88	10,493	8,861	519	1.25	650	1,173
1,322	8.00	10,571	9,641	638	0.96	612	1,216
1,318	7.29	9,614	9,007	585	0.94	551	1,155
1,130	6.54	7,386	8,783	453	1.23	559	1,649
1,153	6.98	8,049	14,456	502	1.23	619	3,355
1,186	7.15	8,479	17,007	466	1.26	588	2,674
1,198	7.04	8,436	17,709	403	1.1	444	3,382
1,218	7.09	8,632	19,988	319	1.41	449	3,654

Table 5.2 - QUANTITY AND VALUE OF TEN PRINCIPAL
(Quantity in thousand metric tons;

Principal Products	1980		1981		1982		1983	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<i>Sugar</i>	1,735.3	624.0	1,222.0	566.6	1,247.5	416.0	962.8	299.3
<i>Coconut oil</i>	915.6	566.8	1,039.9	533.5	9,921.2	401.0	998.3	515.8
<i>Banana</i>	9,923.0	114.2	868.6	124.0	926.7	146.1	643.4	104.7
<i>Pineapple in syrup</i>	187.0	82.1	173.5	88.4	170.9	87.6	145.7	73.6
<i>Copra Oil or meal</i>	545.2	81.4	620.4	80.8	588.6	72.1	550.8	72.0
<i>Desiccated coconut</i>	87.2	116.0	86.3	101.8	90.3	68.3	89.4	87.9
<i>Tuna, Frozen except fillet</i>	48.7	68.3	53.6	100.3	34.3	64.3	37.7	71.0
<i>Coffee, raw or green, not roasted</i>	15.8	44.6	20.5	39.4	24.6	499.4	21.5	46.7
<i>Copra</i>	121.5	47.3	108.3	33.6	177.7	499.2	16.1	44.4
<i>Abaca (in '000 bales)</i>	301.4	27.0	268.4	20.7	270.0	20.1	251.4	18.0

Source: Bureau of Agricultural Statistics.

AGRICULTURAL EXPORTS: 1981 TO 1988

Value in million FOB US\$)

1984		1985		1986		1987		1988	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
877.2	307.6	571.6	168.7	222.0	86.8	162.9	60.3	142.6	60.2
587.6	580.2	650.6	347.4	1,249.4	332.8	1,031.2	380.5	792.9	408.1
799.6	122.3	789.3	113.5	855.7	130.2	775.0	121.5	866.8	146.0
170.9	87.1	185.1	88.8	172.1	83.5	183.7	86.3	182.8	83.2
364.4	41.1	443.7	35.5	821.6	74.8	743.3	73.4	531.1	65.4
76.6	106.0	64.8	75.7	68.0	44.3	95.2	75.3	88.1	78.3
35.2	61.2	37.4	61.1	35.6	63.1	37.3	69.9	47.4	113.2
32.9	76.2	30.7	68.5	42.6	118.8	16.5	33.1	26.5	499.9
0.0	0.0	0.0	0.0	125.3	17.5	128.7	31.9	80.3	28.0
251.4	29.8	195.3	16.6	197.2	13.0	184.3	11.8	191.5	16.3

Table 5.3 – VALUE OF TEN PRINCIPAL AGRICULTURAL IMPORTS: 1981 to 1988
 (In million FOB US\$)

	1981	1982	1983	1984	1985	1986	1987	1988
<i>Cereals and Cereal Preparations</i>	229.96	242.03	248.55	245.02	278.06	168.31	134.41	228.20
<i>Fertilizers, Manufactured</i>	104.36	107.99	90.91	87.99	105.59	83.41	89.24	107.70
<i>Dairy Products and Birds' Eggs</i>	134.99	166.81	128.21	65.59	71.99	98.20	149.54	161.40
<i>Feeding Stuff for Animals Excluding Unmilled Cereals</i>	81.10	111.36	80.84	92.07	47.04	87.05	97.64	165.50
<i>Tobacco and Tobacco Manufactures</i>	42.06	53.13	58.32	28.80	65.16	65.90	94.39	78.10
<i>Coffee, Tea, Cocos, Spices and Manufactures</i>	45.77	42.89	20.86	6.09	8.74	3.70	5.44	8.10
<i>Fish, Crustaceans, Mollusks and Preparations</i>	295.46	38.09	6.80	1.02	1.39	8.73	15.65	35.40
<i>Meat and Meat Preparations</i>	16.04	20.34	12.94	2.27	3.48	3.67	6.93	99.80
<i>Vegetables and Fruits</i>	14.47	15.20	14.24	5.89	7.98	16.43	18.08	31.17
<i>Fixed Vegetable Oil and Fats</i>	11.01	9.67	19.05	27.08	7.66	8.39	8.99	11.09

Source: Bureau of Agricultural Statistics.

**Table 5.4 - AREA OF FARMS BY LAND USE, PHILIPPINES
1971 and 1980**

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

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

Table 5.5 – AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE: 1980 (In Hectares)

Region/ Province	Total Farm Area	Arable Under Temporary Crops	Land Lying Idle	Land Under Permanent Crops	Land Under Permanent Meadows and Pastures	Land Covered With Forest Growth	All other Lands
Philippines							
<i>Metropolitan Manila Area:</i>							
(National Capital Region)	9,725,150	4,365,183	838,551	3,488,978	530,035	336,476	165,918
<i>Region 1</i>							
Abra	430,875	308,571	17,097	21,960	50,430	18,863	13,948
Benguet	28,542	21,323	354	1,512	3,551	1,298	505
Ilocos Norte	40,777	17,477	6,717	3,147	8,159	2,392	2,884
Ilocos Sur	49,082	34,800	1,069	912	7,739	2,651	1,911
La Union	46,476	36,837	704	1,456	3,275	2,555	1,649
Mt. Province	47,332	32,875	533	2,676	5,582	3,301	2,365
Pangasinan	27,837	9,479	2,773	2,137	12,087	1,236	125
<i>Region 2</i>							
Batanes	190,829	155,779	4,947	10,120	10,138	5,430	4,509
Cagayan	47,389	415,720	54,431	38,007	95,614	18,111	17,146
Ifugao	46,653	1,420	297	474	1,727	228	506
Isabela	49,176	16,994	1,246	2,136	27,718	291	791
Kalinga-Apayao	241,986	182,280	27,639	6,918	13,741	4,149	7,250
Nueva Vizcaya	81,866	34,939	7,522	13,800	19,686	6,733	1,146
Quirino	70,053	35,770	4,075	4,460	21,005	2,006	2,737
<i>Region 3</i>							
Bataan	28,454	16,781	6,157	2,856	1,347	1,076	247
Bulacan	501,924	444,471	16,524	13,769.00	17,076	3,259	6,823
Nueva Ecija	24,318	13,142	1,358	4,567.00	4,557	651	43
Pampanga	75,602	65,604	1,042	3,819.00	2,214	949	1,974
Tarlac	190,785	175,712	7,274	1,735.00	3,851	243	1,970
Zambales	80,820	76,704	2,404	1,008.00	86	146	472
<i>Region 4</i>							
Batangas	101,183	94,690	2,071	966.00	2,197	403	856
Cavite	29,215	18,620	2,375	1,673.00	4,171	867	1,509
Laguna	140,156	80,797	5,461	45,504	2,664	3,144	2,606
Marinduque	84,650	27,543	1,779	22,278	153	341	766
Occidental Mindoro	44,868	9,751	2,663	29,546	1,571	926	410
Oriental Mindoro	78,582	42,731	5,744	3,869	20,202	5,300	734
Palawan	144,037	51,315	13,696	64,689	5,381	7,183	1,775
Quezon	238,585	59,688	25,775	63,752	59,013	26,364	3,996
Rizal	351,265	58,527	20,534	251,082	8,734	11,077	1,312
Romblon	30,571	13,322	2,211	8,893	2,922	2,150	1,074
Aurora	64,951	12,076	3,602	43,094	3,711	2,145	322
	31,378	11,683	2,176	13,456	477	3,528	57

Table 5.5 – AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE: 1980 (In Hectares) (continued)

Region/ Province	Total Farm Area	Arable Under Temporary Crops	Land Lying Idle	Land Under Permanent Crops	Land Under Permanent Meadows and Pastures	Land Covered With Forest Growth	All other Lands
<i>Region 5</i>	1,042,461	274,224	57,551	597,153	68,131	27,961	17,437
<i>Albay</i>	162,853	44,172	4,955	102,353	4,989	3,760	2,625
<i>Camarines Norte</i>	110,829	12,438	4,498	87,693	1,302	4,215	679
<i>Camarines Sur</i>	297,481	98,994	24,894	149,401	10,261	9,239	4,691
<i>Catanduanes</i>	51,273	14,403	3,621	25,874	2,351	3,308	1,716
<i>Masbate</i>	276,015	79,931	14,442	123,978	46,174	4,439	7,050
<i>Sorsogon</i>	144,011	24,286	5,141	107,854	3,056	2,999	674
<i>Region 6</i>	766,496	502,274	51,026	127,980	38,435	25,183	21,597
<i>Aklan</i>	52,882	22,261	1,473	24,976	1,135	2,144	892
<i>Antique</i>	74,164	45,128	3,960	10,496	10,531	3,028	1,022
<i>Capiz</i>	90,373	62,043	2,595	13,669	6,818	2,619	2,629
<i>Iloilo</i>	253,836	162,865	17,169	40,146	14,552	10,449	8,655
<i>Negros Occidental</i>	295,242	209,978	25,830	38,693	5,400	6,942	8,399
<i>Region 7</i>	584,188	321,302	53,459	165,386	20,328	8,460	15,253
<i>Bahol</i>	159,914	76,519	15,305	54,942	6,954	1,821	4,372
<i>Cebu</i>	177,462	106,187	8,696	54,678	3,802	2,605	1,493
<i>Negros Oriental</i>	237,189	132,873	29,023	52,895	9,450	4,016	8,931
<i>Siquijor</i>	9,623	5,722	435	2,870	122	17	457
<i>Region 8</i>	746,517	224,230	34,448	444,507	13,394	22,445	7,454
<i>Eastern Samar</i>	93,940	21,326	4,085	63,470	1,436	3,033	590
<i>Leyte</i>	306,491	115,177	13,590	160,084	8,504	5,919	3,216
<i>Northern Samar</i>	155,544	35,910	6,004	102,120	1,279	9,057	1,176
<i>Samar (Western Samar)</i>	120,173	40,830	9,205	62,989	1,570	3,235	2,344
<i>Southern Leyte</i>	70,369	10,987	1,604	55,843	605	1,201	129
<i>Region 9</i>	802,643	264,832	102,988	380,043	24,845	22,422	7,513
<i>Basilan</i>	61,168	6,317	768	51,866	1,051	853	313
<i>Tawi-Tawi</i>	31,869	10,004	1,419	17,055	255	2,913	224
<i>Zamboanga del Norte</i>	240,523	70,709	36,956	109,135	11,665	9,684	2,375
<i>Zamboanga del Sur</i>	373,052	152,497	59,418	137,623	11,507	7,975	4,032
<i>Sulu</i>	96,031	25,304	4,428	64,364	368	998	568

Table 5.5 – AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE: 1980 (In Hectares) (continued)

Region/ Province	Total Farm Area	Arable Under Temporary Crops	Land Lying Idle	Land Under Permanent Crops	Land Under Permanent Meadows and Pastures	Land Covered With Forest Growth	All other Lands
<i>Region 10</i>							
<i>Agusan del Norte</i>	965,841	368,185	139,899	354,459	33,942	50,281	19,075
<i>Agusan del Sur</i>	87,537	26,707	11,132	42,100	2,215	3,629	1,753
<i>Bukidnon</i>	145,422	62,663	26,513	26,328.00	3,826	24,247	1,845
<i>Camiguin</i>	350,881	185,288	73,647	45,194	20,726	15,496	10,531
<i>Misamis Occidental</i>	12,455	1,931	358	9,888	102	64	111
<i>Misamis Oriental</i>	95,393	18,464	4,628	69,424	1,459	726	692
<i>Surigao del Norte</i>	166,804	43,293	20,471	90,803	4,788	3,817	3,632
<i>Surigao del Norte</i>	107,348	29,839	3,151	70,721	826	2,301	511
<i>Region 11</i>							
<i>Davao del Norte</i>	1,134,608	365,970	129,313	541,708	40,358	46,587	1,067
<i>Davao Oriental</i>	296,320	87,614	40,938	136,727	6,672	20,543	3,825
<i>Davao del Sur</i>	169,898	31,383	20,266	107,225	2,744	6,968	1,312
<i>South Cotabato</i>	277,059	83,202	27,526	153,269	5,203	5,623	2,236
<i>Surigao del Sur</i>	246,666	122,220	25,331	65,771	23,522	7,770	2,052
<i>Surigao del Sur</i>	144,665	41,551	15,251	78,715	2,217	5,683	1,249
<i>Region 12</i>							
<i>Lanao del Norte</i>	839,302	470,155	94,244	211,307	21,512	29,342	12,742
<i>Lanao del Sur</i>	132,497	48,241	8,368	66,307	1,901	6,035	1,645
<i>Maguindanao</i>	152,431	90,392	8,106	43,721	2,600	4,483	3,128
<i>North Cotabato</i>	174,114	114,242	17,641	33,860	2,520	4,255	1,597
<i>Sultan Kudarat</i>	257,883	139,481	44,866	45,743	12,524	10,370	4,899
<i>Sultan Kudarat</i>	122,377	77,799	15,264	21,676	1,966	4,199	1,473

Source: 1980 Census of Agriculture, National Statistics Office.

Figure 5.2 Population of Livestock and Poultry on Farm, by Kind,
1980 - 1988

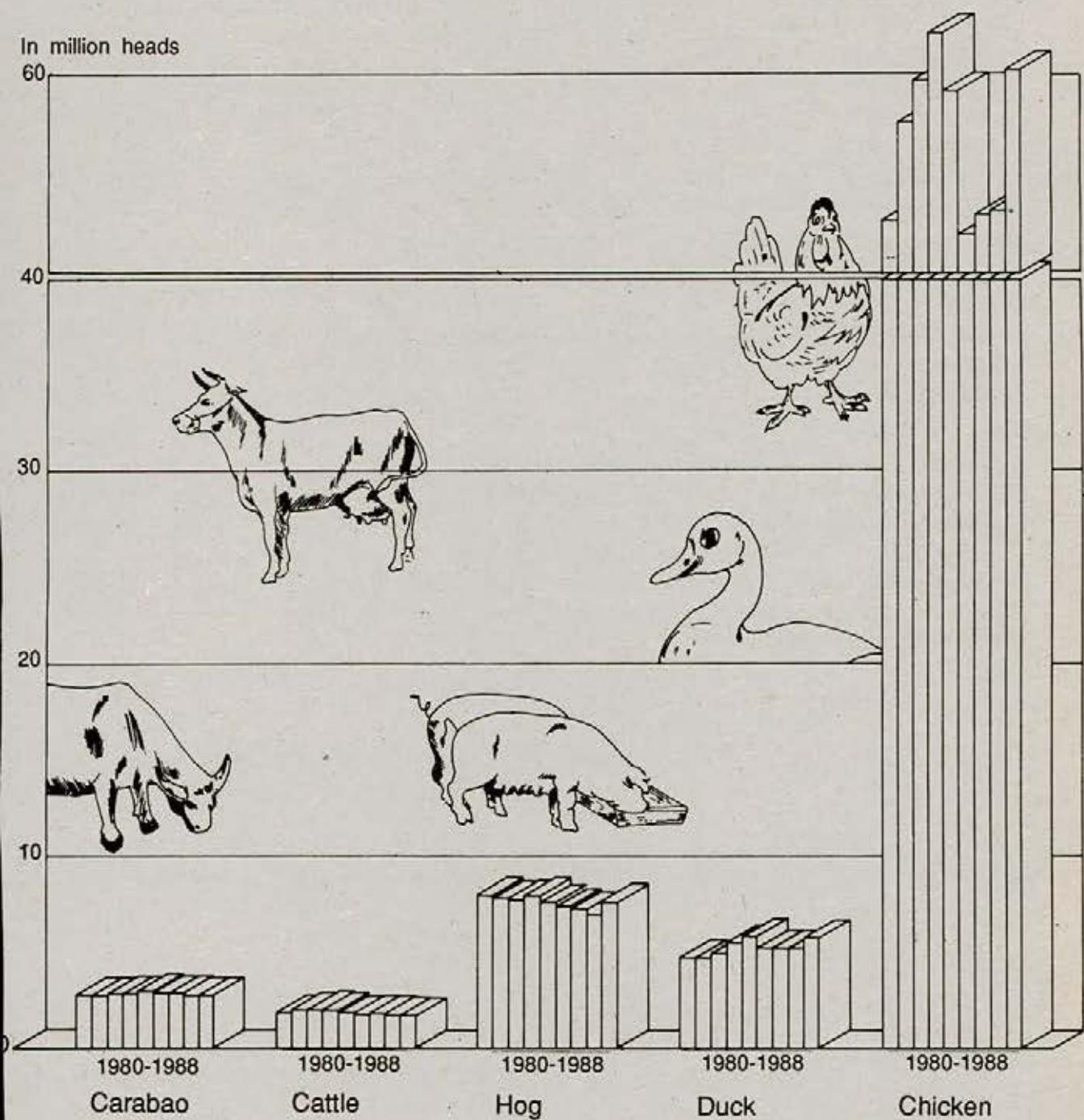


Table 5.6 - NUMBER AND AREA OF FARMS BY TENURE

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

Source: National 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
964,220	613,824	588,151	283,585	76,421	103,723	14,608		
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		
140,871	81,112	73,176	28,125	10,095	10,187	1,691		
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		
11,899	13,323	20,667	16,121	6,309	14,063	11,178		
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 5.7 - 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
<i>All farms</i>	2,354.5	3,420.3	8,493.7	9,725.2
<i>Palay</i>	981.9	1,610.5	2,661.2	3,755.7
<i>Corn</i>	514.2	753.6	1,493.9	1,955.0
<i>Coconut</i>	432.5	709.6	2,152.8	2,842.9
<i>Sugarcane</i>	27.0	34.6	368.1	312.8
<i>Abaca</i>	12.5	16.0	64.3	60.1
<i>Tobacco</i>	3.9	5.3	7.3	8.1
<i>Other crops</i>	-	211.3	-	576.0
<i>Livestock and Poultry</i> ¹	38.3	52.2	415.6	181.6
<i>Others, nec</i>	344.2	27.1	1,330.5	33.0

1. Includes chicken, hog, and cattle.

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

**Table 5.8 PROJECTED COMPREHENSIVE AGRARIAN REFORM PROGRAM
BY REGION, AREA AND BENEFICIARIES**
(As of December 1988)

Region	Total Area (ha)	Phase I		Phase II		Phase III	
	Beneficiaries	Area (ha)	Beneficiaries	Area (ha)	Beneficiaries	Area (ha)	Beneficiaries
PHILIPPINES	10,295,600	3,901,300	1,454,800	764,810	7,487,900	2,685,300	1,352,900
<i>CAR</i>	246,740	86,680	8,660	3,970	224,550	78,200	13,530
<i>Region 1</i>	390,390	149,840	64,210	31,140	293,070	107,660	33,110
<i>Region 2</i>	564,420	216,960	52,170	34,290	434,100	156,620	78,150
<i>Region 3</i>	890,560	417,910	387,840	237,220	429,010	156,120	73,710
<i>Region 4</i>	1,394,230	500,460	98,720	42,490	1,091,170	389,910	204,340
<i>Region 5</i>	901,710	339,700	146,510	72,370	606,380	217,720	148,820
<i>Region 6</i>	709,270	279,460	108,550	68,620	484,810	171,950	115,910
<i>Region 7</i>	587,320	220,170	79,210	40,080	426,930	153,030	81,180
<i>Region 8</i>	762,870	279,230	135,370	57,640	432,250	156,500	195,250
<i>Region 9</i>	766,830	279,880	24,970	14,450	639,690	231,370	102,170
<i>Region 10</i>	942,280	335,020	96,470	39,680	721,020	253,740	124,790
<i>Region 11</i>	1,035,040	374,390	174,730	72,800	732,480	258,980	127,830
<i>Region 12</i>	1,103,940	421,600	77,390	50,060	972,440	353,500	54,110
							18,040

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

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

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

Source: Department of Agrarian Reform.

**Table 5.9 – MAJOR PROGRAMS FOR
(As of**

Region	Landed Estates			Land Settlements		
	Number of Landed Estates	Area (ha)	No. of Beneficiaries	Number of Land Settlements	Area Proclaimed (ha)	Area as Surveyed (ha)
PHILIPPINES	153	88,383	48,640	47	766,378	601,856
<i>CAR</i>	0	0	0	0	0	0
<i>Region 1</i>	7	3,504	4,377	0	0	0
<i>Region 2</i>	4	5,543	2,240	2	48,920	69,433
<i>Region 3</i>	119	58,248	33,213	4	21,165	6,049
<i>Region 4</i>	12	15,152	5,955	6	69,385	65,767
<i>Region 5</i>	6	3,901	2,083	2	17,300	21,532
<i>Region 6</i>	0	0	0	4	56,442	38,012
<i>Region 7</i>	0	0	0	1	5,010	14,118
<i>Region 8</i>	1	591	345	4	33,950	16,415
<i>Region 9</i>	0	0	0	5	75,084	67,457
<i>Region 10</i>	2	549	235	2	54,840	67,133
<i>Region 11</i>	1	549	94	4	51,674	41,569
<i>Region 12</i>	1	345	98	13	332,608	194,371

Source: Department of Agrarian Reform.

LAND DISTRIBUTION
December 1988)

Number of Settler Families	Leasehold Contracts			Operation Land Transfer		
	Number of Leased Contracts	Area (ha)	Number of Tenants	Number of Emancipation Patents	Area (ha)	Number of Tenants
64,284	753,433	589,871	562,072	310,907	270,713	230,658
0	20,472	7,065	12,588	2,655	1,180	1,744
0	160,884	81,086	110,879	30,130	15,694	20,834
2,427	69,553	54,826	41,668	65,782	46,375	47,193
4,624	95,669	113,183	75,085	57,676	65,993	45,221
7,710	77,463	68,284	58,203	14,701	12,995	11,515
1,798	51,256	30,090	33,167	37,540	29,348	27,475
6,381	73,077	73,762	68,762	16,358	16,759	11,920
1,304	52,102	19,545	40,728	16,514	9,911	9,884
2,981	48,456	33,691	38,180	20,425	11,831	14,618
5,325	25,717	24,334	20,210	8,850	6,178	6,986
5,947	29,308	24,885	20,680	15,037	15,848	12,551
7,101	33,280	37,635	25,829	12,548	17,142	10,233
18,686	16,196	21,485	16,093	12,691	21,459	10,484

**Table 5.10-AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTIONS:
1960 TO 1988**
(In million pesos)

Year	Commercial banks	Development banks	Rural banks	Agricultural banks
1960	438.7	77.4	50.8	...
1965	986.9	53.7	215.4	...
1970	1,928.0	64.9	496.6	...
1971	2,141.4	61.5	609.7	...
1972	2,093.9	100.0	708.6	...
1973	2,347.5	160.2	976.9	...
1974	5,135.9	255.7	1,669.5	...
1975	8,388.4	822.4	2,177.5	...
1976	7,876.8	892.9	1,658.7	...
1977	5,517.1	624.6	1,799.1	0.7
1978	...	617.2	2,384.8	0.3
1979	...	830.3	2,950.4	1.0
1980	2,454.1a	833.5	3,257.3	1.3
1981	18,916.6	1,099.6	3,729.9	1.8
1982	20,846.6	1,047.4	4,306.8	4.7
1983	22,475.9	431.2	4,610.3	29.5
1984	23,690.3	426.4	3,361.8	20.2
1985	23,885.1	414.4	2,777.9	32.0
1986	20,867.4	936.5	2,948.2	34.2
1987	21,255.8	1,144.8	3,456.4	2.2b
1988	25,551.8	1,652.6	3,854.9	...

a November and December 1980 only.

b January to November 1987 only.

Source: Central Bank of the Philippines.

Table 5.11 - AGRICULTURAL LOANS OUTSTANDING BY FINANCIAL INSTITUTIONS: 1960 TO 1988
(In million pesos)

End of period	Commercial banks	Development banks	Rural banks	Agricultural banks
1960	408.3	153.7	42.5	...
1965	861.6	243.5	167.4	...
1970	1,472.9	413.7	407.8	...
1971	1,487.8	414.7	485.0	...
1972	1,504.0	645.7	573.0	...
1973	1,970.1	716.1	825.2	...
1974	2,378.6	877.0	1,334.0	...
1975	...	1,463.8	2,202.5	...
1976	...	2,071.6	2,357.2	...
1977	5,447.6	2,392.5	2,597.1	0.3
1978	5,770.3	2,556.2	3,114.6	0.1
1979	8,120.2	2,830.0	3,773.8	0.5
1980	12,009.7	3,211.6	4,241.2	0.6
1981	11,120.1	3,585.1	4,876.6	0.8
1982	12,690.9	4,337.3	5,770.6	1.4
1983	14,790.1	3,879.6	6,514.9	3.0
1984	9,478.0	3,638.5	6,039.7	3.6
1985	9,452.9	2,329.6	5,555.7	19.7
1986	13,267.6	3,288.5	5,471.7	23.4
1987	11,613.5	3,107.8	5,504.0	15.1
1988	12,905.0	3,076.5	5,769.6	...

Note: 1960 to 1974 loans outstanding of commercial banks refer to agricultural crop production only.

1977 onwards includes Agriculture, Fishery and Forestry.

Source: Central Bank of the Philippines.

**Table 5.12 – PHILIPPINE RICE EXPORT DELIVERIES
BY COUNTRY OF DESTINATION: 1980 TO 1988**

Year	Country of destination	VOLUME (metric tons)	VALUE (Million U.S.\$)
1980		230,624.95	64.48
	Indonesia	97,175	27.89
	Malaysia	26,450.00	7.64
	Brazil	63,499.95	18.19
	Senegal	11,000.00	2.09
	Africa/Tradax	9,500.00	3.37
	Singapore	2,000.00	0.75
	Vietnam	21,000.00	4.55
1981		83,300.00	26.32
	Vietnam	9,000.00	1.96
	Indonesia	63,800.00	20.42
	Brazil	10,500.00	3.94
1982		147.42	0.05
	Germany	60.00	0.02
	Australia	87.42	0.03
1983		39,758.76	9.29
	Australia	75.48	0.03
	Indonesia	24,191.68	5.64
	Israel	2,260.00	0.52
	Papua New Guinea	709.00	0.22
	Noumea, N.C.	323.78	0.08
	Brazil	12,000.00	2.74
	U.S.A. ¹	198.82	0.06
1984		737.60	0.23
	U.S.A.	36.10	0.01
	Papua, New Guinea/R.G.	701.50	0.22
1985	No exports made		
1986	No exports made		
1987	Indonesia	111,000.00	NCV-Loan Repayment
1988	No exports made		

¹ Does not include 568,44 MT rice transferred by NFA to FTI intended for FTI's exports to the USA.

NCV - No Current Value

Source: National Food Authority

**Table 5.13 – POPULATION OF LIVESTOCK AND POULTRY ON FARM,
BY KIND: 1950 TO 1988**
(In thousand heads)

Year	Livestock				Poultry	
	Carabao	Cattle	Goat	Hog	Chicken	Duck
1950	1,903	698	355	3,899	25,235	709
1955	3,279	806	459	5,289	44,584	1,696
1960	3,696	1,110	617	6,573	52,335	2,231
1965	3,346	1,560	606	6,938	56,929	1,478
1970	4,432	1,679	772	6,456	56,999	2,132
1971	4,556	1,795	924	7,050	56,512	2,352
1972	4,711	1,933	1,083	7,742	50,103	2,600
1973	4,937	2,099	1,248	8,627	49,965	2,906
1974	...	...	...	...	...	...
1975	...	...	...	...	...	...
1976	2,725	1,737	785	6,489	45,671	4,104
1977	2,897	1,723	1,104	5,696	45,291	4,228
1978	2,959	1,820	1,290	6,910	58,892	5,365
1979	2,803	1,833	1,374	7,445	49,320	5,338
1980	2,870	1,883	1,671	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	1,850	2,362	7,613	59,205	5,764
1985	2,983	1,787	2,191	7,304	52,098	5,276
1986	2,984	1,814	2,177	7,275	53,006	5,208
1987	2,865	1,747	2,016	7,038	53,248	5,252
1988	2,890	1,700	2,120	7,581	60,341	5,873

Source: Bureau of Agricultural Economics.

**Table 5.14 - NUMBER OF ANIMALS SLAUGHTERED BY KIND:
1955 TO 1988**
(In thousand heads)

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

Source: National Meat Inspection Commission.

**Table 5.15 – AVERAGE MINIMUM AND MAXIMUM TEMPERATURE,
BY MONTH AND BY PRINCIPAL ISLAND: 1988
(In degree centigrade)**

Month	Philippines		Luzon		Visayas		Mindanao	
	Min- imum	Maxi- mum	Min- imum	Maxi- mum	Min- imum	Maxi- mum	Min- imum	Maxi- mum
January	21.2	33.4	19.9	32.7	22.9	32.9	20.7	34.6
February	21.1	34.1	20.2	32.9	22.3	35.2	20.7	34.2
March	21.1	34.7	20.9	38.0	21.2	31.7	21.3	34.4
April	21.7	35.6	21.0	39.4	21.7	32.1	22.3	35.1
May	22.4	34.7	22.7	35.5	22.1	33.0	22.3	35.6
June	21.5	33.5	21.1	33.1	21.6	32.5	21.6	34.8
July	22.0	32.3	21.2	32.8	23.0	29.7	21.8	34.4
August	21.2	32.9	21.2	33.2	22.7	34.1	19.8	31.5
September	20.6	32.0	20.6	32.0	19.7	29.5	21.4	34.4
October	20.3	31.6	20.2	32.0	20.9	31.1	19.7	31.6
November	19.5	32.9	18.4	31.4	20.3	33.1	19.7	34.1
December	18.9	30.7	17.3	29.8	19.3	29.6	20.4	32.9

**Table 5.16 – AVERAGE RAINFALL AND NUMBER OF RAINY DAY,
BY MONTH AND BY PRINCIPAL ISLAND: 1988
(Rainfall in millimeters)**

Month	Philippines		Luzon		Visayas		Mindanao	
	Rainfall	Number of rainy days	Rainfall	Number of rainy days	Rainfall	Number of rainy days	Rainfall	Number of rainy days
January	107.0	12	168.2	12	67.7	12	85.3	12
February	101.9	12	117.4	11	50.8	11	137.5	13
March	70.5	8	41.6	5	35.7	7	134.0	12
April	121.7	10	111.6	9	97.3	10	156.1	11
May	141.1	12	169.8	11	105.2	10	148.4	15
June	239.2	18	303.3	18	236.6	18	177.7	18
July	238.6	17	335.0	20	206.4	16	174.5	16
August	180.2	15	207.9	13	167.1	14	165.4	17
September	230.1	17	235.9	16	216.0	16	238.3	18
October	446.9	20	604.3	22	467.1	21	269.2	18
November	401.9	16	332.6	14	518.1	16	355.1	21
December	137.9	14	96.9	10	316.8	17	175.8	15

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

Table 5.17 – RAINFALL IN THE PHILIPPINES BY MONTH AND
(In milli-

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
LAOAG												
1965	T	0.0	0.0	4.6	267.6	585.3	395.4	208.1	393.6	7.5	45.2	2.0
1970	0.5	T	0.0	7.1	81.4	481.0	216.7	474.8	438.7	77.3	27.9	27.3
1975	23.1	0.0	T	12.2	55.7	375.4	63.0	812.9	65.6	132.6	T	5.7
1976	T	T	T	3.3	253.9	284.1	211.1	173.3	154.7	63.4	11.8	0.0
1977	9.6	T	0.0	20.4	33.2	189.0	455.8	627.6	621.8	0.0	86.0	0.0
1978	0.0	0.0	0.0	51.6	118.5	427.2	227.8	443.7	259.1	107.2	41.5	0.0
1979	0.0	T	0.0	15.9	420.7	95.0	525.6	494.8	114.4	79.6	17.3	6.0
1980	38.8	0.0	0.0	0.0	89.5	80.2	579.5	124.9	475.9	110.2	79.3	T
1981	0.5	0.0	0.0	0.2	230.6	507.2	305.8	508.3	235.3	93.7	31.6	0.0
1982	0.0	0.0	T	0.8	67.8	345.6	772.8	613.9	160.3	36.8	28.2	15.8
1983	0.3	12.2	26.0	2.2	27.7	249.0	196.6	621.7	353.4	80.6	T	4.0
1984	0.0	0.0	0.0	285.2	178.2	248.7	197.4	716.3	60.4	13.8	10.8	21.3
1985	0.0	0.0	0.0	T	184.0	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
1987	0.0	0.0	0.0	1.0	0.0	250.6	263.8	291.2	243.8	315.1	0.2	3.1
1988	5.3	2.0	0.0	8.0	171.0	293.3	554.6	266.2	238.9	62.3	1.1	T
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
1987	0.0	0.0	11.0	11.2	61.6	237.4	289.2	250.0	261.7	147.8	2.2	30.3
1988	3.0	33.4	0.0	78.2	285.0	304.2	654.2	443.8	372.6	232.6	23.8	T

BY SELECTED KEY STATION: 1965 to 1988

(meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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
1987	3.9	0.0	0.0	2.4	27.4	241.7	147.0	236.1	292.8	170.6	95.2	-
1988	96.2	9.6	0.8	12.5	116.0	367.7	426.5	279.5	341.2	573.4	136.1	1.6
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	124.4	206.8	312.3	192.6	348.5	353.3	559.4	255.3	494.6
1979	136.9	240.5	88.6	272.7	129.3	302.3	244.8	156.6	458.9	234.9	326.0	248.9
1980	222.7	288.2	298.0	86.1	64.7	551.3	298.5	350.8	282.7	652.4	313.2	288.4
1981	394.3	166.5	61.8	156.2	138.6	339.5	239.0	129.4	288.5	500.0	787.1	504.8
1982	225.3	346.4	230.6	121.0	209.5	135.5	386.6	250.4	568.6	245.5	386.0	394.8
1983	147.2	11.4	33.4	54.2	22.0	283.5	532.9	112.8	263.3	269.5	503.5	405.8
1984	337.7	191.4	219.8	36.4	86.7	387.2	67.4	358.6	170.2	444.4	661.9	180.2
1985	305.9	182.2	181.7	181.8	140.4	262.9	304.2	68.9	244.9	386.5	417.9	261.2
1986	226.9	152.2	92.9	366.1	90.2	152.3	237.4	216.7	273.5	384.9	338.5	160.8
1987	110.7	65.8	42.9	113.2	43.1	137.3	246.6	275.2	200.1	217.5	648.8	604.3
1988	259.6	119.6	85.9	287.2	118.8	186.7	174.1	93.2	147.0	693.5	897.1	295.2

Table 5.17 - RAINFALL IN THE PHILIPPINES BY MONTH AND
(In milli-

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ILOILO												
1965	57.8	12.7	81.8	33.3	70.6	249.3	360.7	267.5	219.0	166.4	251.8	121.2
1970	25.9	7.2	35.1	5.3	151.0	414.4	195.8	256.1	234.9	225.0	101.8	60.7
1975	130.5	85.8	11.1	144.9	147.1	378.5	99.5	253.5	294.2	328.2	55.0	120.7
1976	45.5	37.9	26.0	20.6	315.3	217.3	509.1	386.7	331.2	174.3	131.8	99.5
1977	38.7	60.4	21.0	0.0	8.1	247.5	224.4	281.0	545.4	73.6	77.0	21.7
1978	26.2	9.1	3.8	131.4	66.8	150.1	131.6	503.6	320.8	252.7	119.6	162.6
1979	12.5	17.7	0.0	125.3	97.5	129.5	501.5	667.4	207.6	706.4	84.5	65.2
1980	21.5	74.3	74.8	7.3	22.1	648.0	220.8	206.1	348.4	363.2	193.0	94.3
1981	30.3	5.8	7.6	80.4	30.6	423.2	203.0	345.9	283.8	117.3	134.3	84.6
1982	15.3	2.0	151.8	60.8	158.0	396.6	285.7	668.1	380.3	215.6	53.4	9.9
1983	73.4	5.0	31.2	2.4	9.2	181.7	247.5	278.5	350.2	264.6	284.9	102.1
1984	32.3	64.6	97.0	66.8	109.5	508.6	391.6	505.8	411.5	515.8	365.9	72.3
1985	36.9	54.1	35.4	267.6	59.2	460.1	274.4	161.7	341.7	470.2	182.0	90.4
1986	40.2	15.3	51.5	49.2	70.4	253.1	300.8	692.4	257.5	182.4	248.9	97.4
1987	30.1	12.0	1.0	5.7	41.9	162.4	452.7	224.5	517.0	385.3	213.2	21.8
1988	13.7	13.3	13.1	85.2	197.6	483.0	325.3	264.9	277.7	561.6	312.7	39.4
CEBU CITY												
1965	82.8	99.7	134.7	77.9	32.8	287.6	86.5	182.1	67.0	221.1	109.7	146.5
1970	51.8	22.8	17.6	17.0	43.8	239.6	238.7	182.0	98.1	197.5	231.1	152.0
1975	173.4	107.8	20.1	56.9	50.3	280.6	187.6	179.7	315.0	247.1	43.4	225.8
1976	155.6	36.4	8.0	16.5	215.1	198.5	371.5	121.6	330.8	112.4	41.6	120.1
1977	168.3	100.2	38.7	T	70.8	148.0	313.6	166.2	205.3	149.2	133.5	25.4
1978	194.9	35.5	46.8	63.0	78.2	174.1	107.0	103.0	408.4	148.1	167.6	167.6
1979	39.5	24.1	7.1	48.1	140.8	368.6	116.5	94.1	178.0	204.3	112.9	96.6
1980	79.6	90.6	62.7	67.5	51.8	316.4	180.6	519.4	160.1	246.0	274.1	137.9
1981	95.2	62.3	18.3	8.4	61.1	77.8	151.1	44.0	195.3	257.7	168.9	138.9
1982	4.8	45.2	240.2	6.8	34.4	50.3	198.9	128.3	60.6	187.8	85.2	61.2
1983	44.0	11.2	18.2	5.0	8.0	118.7	387.7	318.0	252.9	191.0	181.2	158.8
1984	148.0	176.6	41.1	59.8	103.8	360.3	85.0	138.0	147.8	102.3	185.1	184.8
1985	151.2	14.5	22.8	64.8	206.2	88.5	391.3	23.0	337.3	178.4	186.6	65.6
1986	131.6	42.4	24.0	56.0	9.0	189.2	218.2	114.2	106.8	320.5	140.7	101.9
1987	-	13.7	-	3.0	5.2	71.5	305.0	71.1	114.0	219.5	191.4	-
1988	38.8	46.4	37.6	33.4	89.8	248.2	107.6	214.9	221.8	280.3	-	59.8

Note: Cebu Station was closed in October 1983.

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

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

SELECTED KEY STATION: 1965 TO 1988 (Continued)
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ZAMBOANGA CITY												
1965	12.5	49.0	34.4	41.9	58.4	159.2	113.3	51.8	62.8	99.0	33.5	53.5
1970	61.8	6.8	46.9	79.9	139.9	185.5	98.7	104.5	164.3	244.6	40.4	131.0
1975	8.3	82.2	103.7	69.5	102.0	142.4	265.5	192.7	127.8	196.7	81.3	210.5
1976	109.1	1.0	62.5	10.0	191.7	145.3	240.2	87.9	197.8	133.3	100.2	37.3
1977	12.8	49.2	22.1	16.2	21.5	99.1	308.5	187.5	113.9	71.9	33.6	48.8
1978	11.7	111.7	12.4	140.2	118.3	48.4	81.8	147.4	312.9	202.3	103.2	20.8
1979	0.1	43.5	2.5	50.7	105.8	177.9	142.0	30.4	64.5	527.9	34.9	583.4
1980	52.5	80.9	7.9	9.7	7.6	250.4	226.1	107.3	182.5	197.4	119.3	43.6
1981	63.0	13.8	85.7	48.3	109.1	134.9	97.6	67.8	127.8	82.7	170.1	48.7
1982	6.2	35.3	10.1	29.8	76.1	177.4	70.0	116.1	82.7	125.0	31.6	15.7
1983	5.8	1.0	2.2	3.3	130.8	15.8	226.0	55.6	274.6	141.5	168.3	138.3
1984	105.6	57.8	13.4	68.2	128.0	186.5	109.3	56.9	78.7	314.4	20.0	14.6
1985	6.1	66.2	22.7	35.5	99.0	124.5	186.3	4.9	215.4	186.0	68.3	28.9
1986	51.8	25.2	98.8	17.2	34.8	38.8	212.3	262.8	161.9	95.5	191.7	10.0
1987	15.6	6.2	31.0	0.9	26.3	73.9	242.5	96.7	103.2	55.9	173.9	23.6
1988	22.7	70.6	50.6	81.4	45.2	109.5	150.6	205.6	101.2	353.6	275.7	35.3
DAVAO CITY												
1965	170.0	180.9	176.6	262.6	178.2	194.2	85.6	186.1	278.7	224.6	128.3	135.0
1970	101.3	200.3	119.9	49.4	141.6	122.2	249.9	239.3	168.7	176.4	138.6	84.1
1975	95.1	71.9	146.0	87.4	175.3	250.9	139.9	231.2	205.5	132.4	123.7	227.1
1976	88.0	55.9	72.3	64.4	111.6	189.1	77.7	299.3	157.5	177.5	126.5	81.7
1977	177.5	130.3	56.5	13.5	74.1	243.9	174.1	197.7	82.7	349.3	89.4	30.0
1978	51.7	111.2	17.5	62.7	273.4	220.1	127.9	188.8	125.1	229.3	66.3	123.1
1979	37.0	32.5	104.0	101.9	285.7	325.9	127.1	70.0	273.4	163.3	118.9	91.0
1980	173.4	124.6	15.6	178.3	196.8	509.0	170.3	182.4	78.5	176.1	127.9	231.8
1981	170.9	120.8	57.4	174.2	168.2	159.6	75.8	106.5	214.2	193.8	175.5	70.3
1982	174.1	100.1	48.4	198.3	108.1	259.0	135.7	247.1	135.5	87.1	239.4	23.3
1983	59.8	14.8	11.2	15.4	106.6	221.8	321.7	258.7	174.2	134.0	114.2	194.6
1984	89.3	120.8	160.0	99.5	80.7	183.8	100.4	51.4	148.3	151.1	76.3	75.2
1985	65.7	61.9	77.8	305.5	222.9	42.4	170.1	325.7	206.8	457.0	145.1	111.9
1986	303.3	81.6	80.8	39.5	103.8	262.1	130.0	47.5	229.8	134.2	135.9	8.4
1987	137.0	114.1	13.6	93.9	155.7	223.7	111.0	236.2	86.4	152.0	67.2	137.4
1988	27.6	103.2	353.8	302.8	211.4	164.2	130.8	148.9	360.0	142.9	66.7	83.4

**Table 5.18 - MONTHLY AND ANNUAL FREQUENCIES OF TROPICAL CYCLONES IN THE PHILIPPINE AREA OF RESPONSIBILITY:
1950 TO 1988**

Year	Annual												
	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	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
1987	16	1	0	0	0	0	1	4	3	2	2	2	1
1988	20	1	0	0	0	0	4	2	1	3	6	2	1

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 5.19 – NUMBER OF REGISTERED COOPERATIVES BY REGION AND BY TYPE: 1988

Region	Total	Multi-Purpose	Cooperative Rural Bank	Area Marketing Cooperative	Credit
<i>Philippines</i>	5,006	674	31	68	2,029
<i>NCR</i>	967	38	0	0	582
<i>Region 1</i>	465	61	2	8	163
<i>Region 2</i>	372	75	3	8	119
<i>Region 3</i>	415	133	3	11	115
<i>Region 4</i>	585	53	2	8	255
<i>Region 5</i>	290	37	2	6	92
<i>Region 6</i>	425	75	4	6	160
<i>Region 7</i>	235	25	1	3	105
<i>Region 8</i>	253	59	1	4	88
<i>Region 9</i>	221	62	1	1	69
<i>Region 10</i>	261	12	5	5	117
<i>Region 11</i>	254	33	4	5	103
<i>Region 12</i>	263	11	3	3	61

Region	Consumer	Marketing	Producer	Service	Federation	Union
<i>Philippines</i>	1,034	484	294	260	78	54
<i>NCR</i>	239	11	12	57	25	3
<i>Region 1</i>	122	62	13	25	2	7
<i>Region 2</i>	55	39	68	2	2	1
<i>Region 3</i>	58	47	29	12	4	3
<i>Region 4</i>	97	89	25	44	4	8
<i>Region 5</i>	61	32	15	33	9	3
<i>Region 6</i>	99	44	11	18	6	2
<i>Region 7</i>	71	10	10	3	2	5
<i>Region 8</i>	31	25	23	16	2	4
<i>Region 9</i>	31	26	17	10	-	4
<i>Region 10</i>	56	27	13	17	2	7
<i>Region 11</i>	53	21	10	12	7	6
<i>Region 12</i>	61	51	48	11	13	1

Source: Bureau of Cooperatives Development.

Table 5.20 - NUMBER AND MEMBERSHIP OF ORGANIZED AND

Region	Number					Organ-
	1981	1983	1984	1985-87	1988	
Philippines	18,614	19,641	19,716	20,423	...	
<i>Region 1</i>	2,193	2,278	2,275	2,359	...	
<i>Region 2</i>	1,018	1,057	1,057	1,102	...	
<i>Region 3</i>	1,975	2,086	2,086	2,298	...	
<i>Region 4</i>	2,235	2,337	2,355	2,448	...	
<i>Region 5</i>	1,597	1,611	1,611	1,664	...	
<i>Region 6</i>	2,053	2,123	2,123	2,189	...	
<i>Region 7</i>	1,769	1,819	1,824	1,873	...	
<i>Region 8</i>	2,120	2,266	2,302	2,337	...	
<i>Region 9</i>	764	1,120	1,124	1,124	...	
<i>Region 10</i>	463	501	524	548	...	
<i>Region 11</i>	1,269	1,284	1,284	1,330	...	
<i>Region 12</i>	1,158	1,159	1,151	1,151	...	

Region	Number					Regis-
	1981	1983	1984	1985-87	1988	
Philippines	15,170	16,333	16,408	17,115	12,971	
<i>Region 1</i>	1,963	1,902	1,902	1,986	1,485	
<i>Region 2</i>	900	852	852	897	902	
<i>Region 3</i>	1,924	1,657	1,657	1,869	1,451	
<i>Region 4</i>	1,878	1,690	1,690	1,783	1,618	
<i>Region 5</i>	1,226	1,103	1,110	1,163	529	
<i>Region 6</i>	1,801	1,636	1,636	1,702	1,623	
<i>Region 7</i>	1,385	1,297	1,302	1,351	951	
<i>Region 8</i>	1,090	1,671	1,707	1,742	744	
<i>Region 9</i>	643	886	890	890	675	
<i>Region 10</i>	127	1,646	1,669	1,693	1,072	
<i>Region 11</i>	1,102	1,023	1,023	1,069	911	
<i>Region 12</i>	1,131	970	970	970	1,010	

Note: There was no report made for 1982 due to incomplete transfer of files from the Ministry of Local Government to the Ministry of Agriculture and Food.

Source: Bureau of Cooperatives Development.

REGISTERED SAMAHANG NAYON BY REGION: 1981 TO 1988

ized

Membership				
1981	1982	1984	1985-87	1988
888,480	920,412	922,758	954,042	...
99,543	103,187	103,187	106,436	...
56,840	58,498	58,498	60,650	...
122,143	127,439	127,439	138,696	...
94,256	98,616	98,616	101,033	...
73,067	73,542	73,727	76,497	...
86,698	89,741	89,741	92,453	...
85,406	87,657	87,695	89,513	...
76,534	80,007	80,806	82,087	...
38,964	44,723	44,750	44,750	...
23,270	24,701	25,998	27,003	...
75,153	75,678	75,678	78,301	...
56,606	56,623	56,623	56,623	...

tered

Membership				
1981	1982	1984	1985-87	1988
758,149	693,399	695,745	727,029	...
93,251	92,657	92,657	95,906	...
52,602	41,103	41,103	43,255	...
117,631	89,850	89,850	101,107	...
84,207	59,463	59,463	61,880	...
60,903	46,990	47,175	49,945	...
78,460	64,153	64,153	66,865	...
65,687	52,280	52,318	54,136	...
39,443	55,752	56,551	57,832	...
32,793	26,785	26,812	26,812	...
4,803	75,580	76,877	77,882	...
70,714	52,654	52,654	55,277	...
57,655	36,132	36,132	36,132	...

*Table 5.21 - PRODUCTION, IMPORTATION AND
(In thousand)*

Year	Total	Plant nutrients		
		Nitrogen	Phosphorous	Potassium
<i>Production</i>				
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
1987	365.5	122.9	195.5	47.1
1988	323.4	110.1	178.6	34.7
<i>Importation</i>				
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
1987	407.7	345.0	-	62.7
1988	450.0	380.5	1.6	67.9
<i>Consumption</i>				
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
1987	516.0	372.3	66.3	77.3
1988	523.3	393.3	76.8	53.2

Source: Fertilizer and Pesticide Authority.

CONSUMPTION OF LOCAL FERTILIZERS: 1976 to 1988

(metric tons)

Total	Urea	Fertilizer products			
		Ammosul/	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	-
374.0	-	10.2	214.7	149.1	-
756.1	-	-	514.1	239.1	2.9
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.
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	1
855.6	553.9	187.0	29.0	30.0	55.7
948.7	648.5	201.8	-	-	98.
1,061.8	725.3	220.7	3.5	-	112.3
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
925.8	490.3	159.4	111.7	123.5	40.9
1,151.7	601.1	205.9	137.7	154.4	52.6
1,221.9	591.8	192.9	204.3	183.8	49.1

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 one hand, and overall economic and social development, on the other. It is the industrial sectors (particular 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 the country to progress at a faster pace.

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 region; indexes on value of production, employment and compensation of key manufacturing enterprises by industry; and the amount of foreign investments and equity investments in projects approved by the Board of Investment (BOI).

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

Also presented in this chapter are major statistical tables showing the important characteristics of business establishments in the Philippines. The sources of these data are the NSO, the Bureau of 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) number and initial capital investments of newly registered business organizations by nationality and kind of business; and (3) capital increase and withdrawals of corporations and partnerships. Taken as a whole, these data show interesting insights on how the business sector fares in the overall development scheme of the country.

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*Table 6.1 - GENERAL STATISTICS FOR
IN THE PHILIPPINES:*

Year	Number of establishments	Employment		Total salaries and wages (P1,000)
		Total	(average for the year) 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	8,522	845,755	839,317	4,813,169
1981	8,459	863,112	856,062	11,448,712
1982	8,340	851,176	844,854	12,674,095
1983	8,522	700,895	694,879	10,406,945
1984	5,435	645,516	639,607	12,599,655
1985	5,369	623,671	618,335	14,478,441
1986	5,262	631,371	626,193	16,485,914
1987	4,995	675,688	671,511	20,392,490

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 Statistics Office.

MANUFACTURING ESTABLISHMENTS

1956 to 1987

Value of shipments (P1,000)	Cost of materials used, contract work and cost of resale (P1,000)	Capital expenditures during the year (P1,000)	Gross output (P1,000)	Census value added (P1,000)
2,130,246	1,316,657	100,434	2,345,480	1,028,823
3,560,719	2,171,415	258,140	3,934,272	1,762,857
6,698,730	4,593,090	452,562	7,466,978	2,873,888
14,087,389	9,588,815	1,342,436	15,846,954	6,258,138
17,884,880	12,083,591	1,178,626	19,521,682	7,438,091
28,402,445	20,022,831	1,462,719	31,248,300	11,225,469
42,636,485	31,905,632	2,133,569	47,552,924	15,647,292
49,506,995	40,252,474	2,944,425	53,859,273	13,607,108
67,819,508	54,449,404	3,280,540	73,267,286	18,817,882
111,087,801	74,585,656	6,444,659	119,717,540	45,131,884
109,872,334	79,125,755	6,914,923	120,837,968	35,375,267
123,290,547	90,913,926	7,413,742	134,330,675	36,172,072
144,090,245	152,788,011	6,740,212	153,353,319	45,171,889
153,244,411	108,479,996	7,432,887	163,957,498	55,477,503
220,118,798	151,352,381	7,503,359	220,118,798	68,766,417
224,785,634	145,765,165	7,025,445	224,785,634	79,020,469
235,334,685	144,246,075	9,067,389	250,396,052	97,779,502
298,799,203	193,948,785	10,063,164	298,396,052	104,850,418

**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 com- pen- sation	Total receipts
			Total	No. of paid employees		
	<i>All manufacturing establishments</i>	4,995	675,688	671,511	21,810,877	282,264,855
<i>311</i>						
312	<i>Food</i>	1,163	133,304	131,529	4,428,561	66,888,641
313	<i>Beverages</i>	80	27,266	27,250	1,324,924	19,516,707
314	<i>Tobacco</i>	25	12,974	12,964	389,399	15,256,274
321	<i>Textile</i>	297	76,813	76,734	1,829,770	14,699,451
322	<i>Wearing apparel except footwear</i>	414	101,845	101,277	2,499,670	6,241,574
323	<i>Leather and leather products, leather substitutes & furs, except footwear and wearing apparel</i>	39	2,905	2,886	46,285	224,166
324	<i>Footwear, except rubber, plastic or wood furniture</i>	111	6,557	6,367	114,608	467,083
331	<i>Wood, wood and cork products, except furniture</i>	254	44,574	44,433	1,041,860	7,374,259
332	<i>Furniture and fixtures, except primarily of metal (including repairs)</i>	231	27,056	26,806	490,850	1,999,837
341	<i>Paper and paper products</i>	106	11,707	11,688	370,662	7,057,683
342	<i>Printing, publishing and allied industries</i>	366	16,819	16,610	511,193	3,224,579
351	<i>Industrial chemicals</i>	89	9,086	9,079	504,933	11,224,018
352	<i>Other chemical products</i>	206	24,799	24,761	1,876,742	19,697,365
353	<i>Petroleum refineries</i>	4	2,451	2,451	432,829	42,663,394
354	<i>Miscellaneous products of petroleum and coal</i>	7	382	382	11,878	275,797
355	<i>Rubber products</i>	106	22,713	22,685	668,719	4,048,923

**MANUFACTURING ESTABLISHMENTS,
GROUP: 1987
(in thousand pesos)**

Total shipments	Total costs	Census value added	Total book value of fixed assets as of January	Capital expenditures during the year	
				Gross to fixed assets	New fixed assets
298,799,203	193,948,785	104,850,418	83,950,891	9,845,616	8,033,485
69,594,016	47,851,786	21,742,229	14,491,258	1,284,451	1,083,783
19,603,717	8,032,058	11,571,659	3,838,272	637,658	601,391
15,523,203	5,665,213	9,857,990	847,550	286,344	138,282
15,324,983	10,445,610	4,879,373	6,688,904	1,234,872	1,040,655
9,383,281	5,187,845	4,195,437	1,047,281	261,204	180,164
265,634	166,712	98,923	74,299	25,145	18,059
473,760	277,777	195,984	106,888	8,235	5,140
7,766,363	5,386,855	2,379,508	2,306,881	240,158	90,792
2,077,762	1,247,019	830,743	414,319	77,704	53,086
7,255,367	4,657,148	2,598,219	1,500,386	125,674	99,113
3,558,918	2,239,258	1,319,660	708,257	143,913	121,030
11,787,604	8,272,780	3,514,824	14,426,196	631,396	204,171
20,657,978	11,731,999	8,925,979	4,665,879	457,977	425,182
44,305,932	32,941,044	11,364,888	3,979,909	1,102,080	1,120,196
281,169	204,504	76,664	32,563	9,293	591
4,313,656	2,630,937	1,682,718	765,930	126,669	95,040

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

Code	Major group	No. of estab- lish- ments	Employment (ave. for the year)		Total com- pen- sation	Total receipts
			Total	No. of paid employees		
356	<i>Plastic products, n.e.c.</i>	162	13,381	13,340	347,640	3,853,597
361	<i>Pottery, china and earthenware</i>	22	3,624	3,590	100,478	480,204
362	<i>Glass and glass products</i>	21	5,115	5,109	287,807	2,272,317
363	<i>Cement</i>	15	4,922	4,922	249,317	4,009,014
369	<i>Other non-metallic mineral products</i>	131	7,779	7,639	179,939	1,241,314
371	<i>Iron and steel basic industries</i>	99	14,383	14,376	581,360	13,958,740
372	<i>Non-ferrous metal basic industries</i>	22	2,578	2,574	100,235	6,886,158
381	<i>Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal</i>	258	18,358	18,197	468,931	3,740,892
382	<i>Machinery except electrical</i>	299	12,634	12,419	343,090	2,163,633
383	<i>Electrical machinery, apparatus, appliances and supplies</i>	151	43,372	43,343	1,786,367	18,133,671
384	<i>Transport equipment</i>	145	11,708	11,648	372,520	3,429,732
385	<i>Professional and scientific and measuring and controlling equipment, n.e.c. and photographic and optical instrument</i>	11	3,174	3,172	79,470	152,876
386	<i>Furniture and fixtures primarily of metal (including repairs)</i>	23	687	680	12,907	52,334
390	<i>Other industries</i>	138	12,722	12,600	357,936	1,030,623

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

Source: National Statistics Office.

**MANUFACTURING ESTABLISHMENTS,
GROUP: 1987 (continued)**
in thousand pesos)

Total shipments	Total costs	Census value added	Total book value of fixed assets as of January	Capital expenditures during the year	
				Gross to fixed assets	New fixed assets
3,954,374	2,856,013	1,098,361	863,736	102,423	91,136
480,915	217,173	263,742	279,018	13,978	12,810
2,305,376	1,225,273	1,080,102	977,031	98,548	55,375
4,043,600	2,521,583	1,522,018	4,233,187	111,420	81,450
1,291,510	772,076	519,434	648,251	94,318	69,473
14,546,995	11,314,739	3,232,256	5,874,850	821,134	736,838
8,056,890	6,921,250	1,135,641	7,810,811	10,047	7,583
4,363,350	3,002,705	1,360,645	1,169,655	145,050	81,958
2,483,404	1,298,317	1,185,087	492,918	51,957	37,475
18,952,019	13,230,104	5,721,915	3,609,184	1,540,599	1,379,508
4,360,695	2,832,731	1,527,964	1,581,374	78,085	87,743
324,923	113,887	211,036	140,683	81,373	86,594
57,421	32,443	24,978	93,025	2,201	2,072
1,404,390	671,948	732,442	282,398	41,708	26,792

*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	541	95,521	5,067,417	116,884	299
1985	545	95,156	5,384,503	86,709	284
1986	550	100,589	6,899,065	122,632	270
1987	525	108,402	9,858,041	185,304	254
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	152	21,007	10,461,703	231,841	291
1984	138	19,851	16,901,256	532,881	282
1985	139	18,341	15,005,692	901,100	262
1986	138	18,284	19,271,886	1,610,809	266
1987	121	16,961	22,603,885	744,421	258

ESTABLISHMENTS BY INDUSTRY: 1971 to 1987

(in thousand pesos)

Total employ- ment	Value of shipments	Expenditures on new fixed assets	No. of establish- ments	Total employ- ment	Value of shipments	Expenditures on new fixed assets
Wood, wood and cork products						Non-metallic minerals
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	5,622,880	247,817	174	10,308	1,524,095	34,598
45,903	5,435,437	79,658	155	7,491	947,289	13,069
44,667	6,240,852	125,555	144	7,630	1,048,588	20,124
44,574	7,766,363	90,792	189	21,440	8,121,401	219,109
Metal products						Machinery
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	4,541,305	79,111	307	13,043	1,443,346	31,900
14,680	3,769,161	64,458	328	13,603	1,691,627	31,703
16,732	3,595,450	45,752	316	12,667	1,552,815	28,781
18,358	4,363,350	81,958	299	12,634	2,483,404	37,475

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
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	152	52,960	8,201,664	531,904	178
1984	139	50,481	1,222,445	1,008,443	162
1985	148	37,608	10,806,309	584,085	161
1986	159	40,085	14,102,432	709,887	160
1987	151	43,372	18,952,019	1,379,508	145
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	451	28,498	5,078,895	149,661	47
1984	445	25,278	8,089,781	258,254	53
1985	453	24,825	7,852,343	38,135	50
1986	481	27,956	10,768,343	92,298	41
1987	472	28,526	10,814,285	220,143	39

ESTABLISHMENTS BY INDUSTRY: 1971 to 1987 (continued)

in thousand pesos)

Total employ- ment	Value of shipments	Expenditures on new fixed assets	No. of establish- ments	Total employ- ment	Value of shipments	Expenditures on new fixed assets
Transport equipment						
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	3,014,376	27,862	134	14,615	907,202	37,921
12,194	2,545,689	39,250	142	15,563	1,070,746	49,641
11,690	2,606,489	42,144	141	14,573	1,218,468	34,282
11,708	4,360,695	87,743	138	12,722	1,404,390	26,792
Leather						
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	171,778	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	213,992	3,413	300	65,702	10,471,552	177,270
2,217	180,540	884	312	63,410	10,309,478	211,472
2,200	195,236	1,334	305	70,686	11,583,593	319,445
2,905	265,634	18,059	297	76,813	15,324,983	1,040,655

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
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	286	34,782	13,706,008	393,607	12
1984	281	31,440	20,784,600	423,484	11
1985	294	32,589	22,560,709	1,065,958	12
1986	300	33,448	27,065,689	594,131	12
1987	295	33,885	22,769,041	629,353	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	1,506	132,037	34,210,166	1,563,672	120
1984	1,427	121,244	53,072,995	1,093,218	115
1985	1,331	128,096	49,168,574	958,354	114
1986	1,263	122,958	59,861,182	974,615	113
1987	1,163	133,304	69,594,016	1,083,783	105

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 Statistics Office.

ESTABLISHMENTS BY INDUSTRY: 1971 to 1987 (continued)
in thousand pesos)

Total employ- ment	Value of shipments	Expenditures on new fixed assets	No. of establish- ments	Total employ- ment	Value of shipments	Expenditures on new fixed assets
Petroleum and coal						
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	39,744,969	201,874	289	19,585	1,157,863	22,251
2,697	40,472,504	441,496	276	19,928	1,180,431	29,308
2,746	38,348,185	379,191	253	21,932	1,468,611	25,283
2,833	44,587,101	1,120,787	231	27,056	2,077,762	53,086
Beverages and tobacco						
Rubber						
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	17,498	2,026,735	37,088
44,160	24,931,271	1,168,742	102	17,382	2,883,480	70,142
42,629	27,251,698	880,682	107	17,917	2,823,173	133,766
39,039	29,871,937	340,075	112	18,556	3,337,289	84,762
40,345	35,126,920	739,673	106	22,713	4,313,656	95,040

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

Major group	1970	1971	1973	1974	1976	1977	1979
<i>All manufacturing establishments</i>	15,867	19,522	31,248	47,552	53,859	67,826	119,718
<i>Food</i>	3,870	4,834	9,210	14,516	12,676	17,623	27,646
<i>Beverages</i>	845	1,017	1,250	1,762	2,440	3,925	4,180
<i>Tobacco</i>	884	995	1,506	2,149	2,254	3,190	4,146
<i>Textiles</i>	1,108	1,441	2,619	3,490	4,272	5,154	8,605
<i>Footwear & wearing apparel</i>	281	336	345	431	1,006	1,406	12,627
<i>Wood and cork</i>	660	796	1,227	1,281	1,875	1,742	4,280
<i>Furniture and fixtures</i>	56	67	141	194	293	410	945
<i>Paper</i>	509	607	1,064	1,578	2,002	2,498	4,156
<i>Printing</i>	307	355	505	667	624	1,003	1,560
<i>Leather</i>	33	37	56	60	84	94	161
<i>Rubber</i>	404	378	563	806	847	969	1,902
<i>Chemicals</i>	2,174	2,872	3,299	4,669	5,320	6,455	10,566
<i>Petroleum and coal</i>	1,374	1,758	2,520	6,315	8,720	8,274	14,245
<i>Non-metallic mineral</i>	468	697	1,102	1,657	1,642	1,799	1,039
<i>Basic metal</i>	901	781	1,923	2,276	2,828	2,748	4,575
<i>Metal product</i>	508	678	1,137	1,290	1,376	1,998	3,103
<i>Machinery</i>							
<i>except electrical</i>	114	130	333	628	534	643	1,098
<i>Electrical machinery</i>	517	636	818	1,215	1,422	2,477	3,795
<i>Transport equipment</i>	628	868	1,178	1,878	2,406	3,386	5,302
<i>Miscellaneous</i>	246	239	452	690	1,235	264	653

Note: Data from 1970 to 1974 are for establishments with 5 or more workers. Data from 1976 to 1982 are for all manufacturing establishments while data for 1983 and 1984 are for establishments with 10 or more workers. 1972, 1975 and 1978 are census years.

Source: National Statistics Office.

**OF OUTPUT OF MANUFACTURING
WORKERS BY INDUSTRY: 1970 to 1987**
(pesos)

1980	1981	1982	1983	1984	1985	1986	1987
125,058	140,331	158,775	163,957	220,119	224,786	247,461	294,462
27,870	31,301	34,785	36,394	53,073	46,169	59,861	69,594
3,363	7,208	7,245	7,571	14,315	14,083	15,877	19,604
3,987	5,829	6,655	7,289	10,616	13,169	13,995	15,523
9,051	9,726	9,602	8,492	10,472	10,309	11,584	15,325
3,685	5,645	5,012	4,236	5,067	5,018	6,899	9,857
4,999	5,188	4,576	5,467	5,623	5,435	6,241	7,766
1,246	1,117	1,378	848	1,158	1,180	1,469	2,078
3,670	3,513	3,693	3,998	6,004	5,427	7,851	7,255
1,926	1,855	1,933	1,719	2,086	2,425	2,917	3,559
190	168	182	207	214	181	195	266
2,051	2,623	2,841	2,187	2,883	2,823	3,337	4,314
14,379	14,618	14,690	16,117	20,785	22,561	27,066	32,446
19,937	23,073	33,424	31,683	39,745	48,472	38,348	44,587
1,213	1,106	1,072	1,178	1,524	947	1,049	8,121
4,891	4,741	4,481	10,480	16,901	15,006	19,272	22,604
3,140	3,381	3,658	2,929	4,541	3,769	3,595	4,363
1,639	1,644	2,152	1,066	1,443	1,691	1,553	2,483
5,043	4,725	7,000	8,566	11,394	10,809	14,102	18,952
5,787	4,714	6,083	6,123	3,014	2,546	2,606	4,361
882	708	1,079	619	907	1,071	1,219	1,404

*Table 6.5 – INDEX OF VALUE OF PRODUCTION OF KEY
(1985*

Year/ Month	TOTAL MANUFAC- TURING	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1987								
January	104.2	115.6	120.2	81.2	114.2	102.0	64.8	135.2
February	104.2	118.1	101.6	88.5	139.9	108.3	71.6	139.9
March	118.3	130.7	122.0	106.6	151.7	134.0	78.0	128.8
April	110.9	106.4	116.6	77.9	139.7	111.9	85.0	99.8
May	112.2	122.1	133.1	125.7	146.1	123.3	86.2	106.6
June	121.3	132.8	135.0	119.1	154.0	150.0	85.5	156.7
July	128.6	123.5	124.4	113.4	170.8	167.7	82.9	171.6
August	127.0	130.0	115.4	99.4	169.2	158.6	85.5	120.2
September	128.2	119.6	116.4	80.5	160.8	170.1	88.5	94.1
October	137.9	146.6	117.0	71.6	171.4	178.4	99.2	111.4
November	136.6	163.2	125.7	115.2	172.9	170.2	90.4	123.3
December	143.5	189.3	101.9	112.5	169.5	204.4	82.4	133.6
1988								
January	130.9	136.1	130.2	114.0	156.7	137.0	84.3	102.7
February	145.1	144.0	126.5	114.6	172.9	164.8	105.8	162.0
March	151.2	158.7	140.0	101.3	198.8	150.4	97.8	149.8
April	142.2	140.2	132.8	116.1	171.2	134.5	100.7	138.4
May	148.2	156.0	141.8	106.5	188.5	147.4	108.1	153.9
June	157.9	164.3	122.4	107.8	186.6	163.2	103.5	148.5
July	158.6	152.9	125.7	103.2	192.9	174.1	102.6	137.4
August	159.7	174.2	126.5	121.1	199.5	172.9	115.1	179.4
September	157.1	160.4	133.2	101.8	190.5	187.4	107.4	128.4
October	148.3	139.1	124.7	102.9	183.1	173.8	99.3	156.0
November	156.0	155.0	129.3	103.4	193.3	164.4	122.1	182.7
December	160.8	171.8	144.0	120.0	172.9	201.6	72.5	200.0
1989								
January	157.2	156.0	178.4	128.2	147.9	155.1	93.3	189.9
February	162.3	156.9	127.6	100.7	156.4	173.4	107.9	165.5
March	166.5	153.2	139.8	103.2	143.0	187.2	96.2	158.3
April	182.0	164.7	144.4	115.2	192.2	187.1	113.6	192.9
May	183.0	163.5	152.7	115.4	190.8	193.0	116.3	197.3
June	187.1	166.7	148.0	147.3	194.5	208.9	118.2	253.3

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1989

= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Miscel- laneous
102.2	80.9	109.2	95.1	115.1	97.8	150.7	106.7	106.2
114.6	72.9	120.6	60.5	110.4	128.4	173.2	123.8	101.0
138.8	96.4	124.9	79.8	127.9	120.9	182.3	133.4	109.0
129.4	106.7	121.9	79.3	109.6	121.9	180.8	132.3	106.2
124.9	94.0	116.8	74.0	116.7	124.0	169.5	124.2	100.5
124.4	92.8	138.2	81.0	122.2	124.0	189.8	140.9	102.3
127.4	105.4	138.5	91.2	126.1	140.4	246.6	144.7	83.8
131.5	94.3	141.3	87.6	129.4	144.7	257.9	133.6	84.3
147.8	106.9	137.2	82.6	115.0	152.5	277.5	147.9	65.9
131.8	101.5	142.6	94.7	134.9	144.3	296.7	149.6	91.5
134.0	106.6	142.7	84.8	123.7	139.9	295.8	130.9	67.8
118.3	96.8	117.9	74.4	125.2	203.7	294.9	130.2	37.4
183.7	87.2	118.9	94.5	143.8	171.0	297.2	116.8	31.6
169.4	109.5	151.8	70.5	154.2	223.5	385.2	150.5	43.8
174.5	112.4	149.8	66.7	160.4	206.1	385.7	188.5	45.7
142.2	110.5	140.1	74.6	140.1	197.4	432.4	157.5	41.6
132.1	102.3	152.1	64.1	157.3	205.5	428.7	181.5	37.3
139.7	109.5	142.7	88.5	140.4	195.1	456.7	200.6	47.3
132.5	111.3	153.6	82.6	141.8	229.0	434.0	217.0	41.2
132.7	118.0	171.5	77.0	147.4	200.5	464.4	183.7	37.3
137.4	107.3	149.8	77.4	175.0	194.1	494.1	179.9	35.2
125.8	94.8	142.1	76.2	152.7	195.5	520.6	167.1	31.4
130.1	108.5	146.9	63.4	159.6	201.6	574.4	179.9	45.9
122.6	124.5	123.5	73.7	159.6	212.7	556.5	167.9	26.7
161.8	105.1	135.8	75.5	154.7	242.9	607.7	148.6	36.2
164.8	109.6	143.4	56.6	147.3	253.9	678.9	180.8	41.5
181.4	113.5	134.6	70.5	167.1	234.8	700.8	191.0	40.2
184.1	114.5	152.2	74.2	171.3	284.3	834.3	180.4	39.8
179.3	114.5	141.2	91.1	167.9	302.5	753.9	185.8	39.2
184.1	125.1	154.2	81.5	172.0	312.3	736.8	200.2	45.5

**Table 6.6 – INDEX OF VALUE OF EMPLOYMENT OF KEY
(1985**

Year/ Month	TOTAL MANUFAC- TURING	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1987								
January	98.2	106.1	106.1	98.9	111.5	108.3	64.3	96.9
February	98.1	100.7	89.3	101.0	111.2	110.1	63.9	96.1
March	98.6	99.4	89.7	102.9	111.0	110.7	64.5	100.8
April	99.0	100.5	91.1	104.3	110.6	109.1	64.7	101.4
May	99.3	98.7	89.4	104.8	110.6	111.7	64.8	102.1
June	97.3	95.9	90.1	104.1	97.8	112.6	65.2	104.0
July	101.1	98.4	90.8	103.4	112.9	115.6	64.4	104.7
August	101.4	97.6	91.7	94.9	115.2	115.8	64.6	105.6
September	101.2	97.5	91.5	95.2	114.8	115.7	65.4	104.9
October	102.5	101.9	91.2	95.7	116.9	119.8	66.3	106.4
November	102.7	101.0	91.7	97.2	118.5	121.6	64.6	103.4
December	102.6	101.2	91.9	95.0	120.1	122.3	65.3	102.9
1988								
January	106.7	108.4	112.9	93.1	118.8	119.4	68.1	118.0
February	109.6	128.0	115.4	97.8	119.2	121.3	66.4	120.3
March	108.8	114.5	116.7	99.1	123.2	122.4	66.4	123.0
April	110.1	114.3	114.1	101.7	120.0	122.6	66.1	118.5
May	110.3	114.0	155.4	102.8	120.1	123.5	65.4	119.6
June	109.6	111.4	119.1	103.2	120.3	121.7	66.0	121.2
July	109.6	111.2	114.6	104.8	119.5	124.3	65.9	121.5
August	109.1	108.6	114.9	102.2	116.4	124.1	85.5	124.0
September	109.8	109.8	115.2	95.4	120.3	125.2	65.2	124.1
October	110.6	110.7	118.0	96.4	122.5	126.2	65.7	119.0
November	112.0	114.0	119.9	96.8	122.3	129.5	65.8	120.0
December	112.7	114.7	119.8	95.8	120.8	130.5	66.3	125.3
1989								
January	113.4	115.8	120.4	97.6	121.3	129.6	65.9	130.3
February	113.7	118.2	120.3	97.4	121.4	127.3	64.7	129.0
March	114.3	120.3	121.5	99.1	120.4	125.2	63.8	148.4
April	115.3	119.9	123.0	102.3	121.4	128.3	64.1	148.3
May	116.6	120.4	123.8	102.4	121.9	129.3	64.1	154.5
June	116.8	120.5	123.8	102.2	122.4	131.8	63.9	152.4

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1989
 = 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Misella- neous
96.4	105.5	106.9	91.7	99.8	109.6	109.4	65.5	100.0
96.7	105.2	108.0	92.3	109.9	106.4	112.3	65.6	101.0
97.5	105.5	107.7	92.7	112.8	102.8	120.1	65.8	101.0
97.9	105.6	108.5	92.8	116.7	104.8	120.2	66.1	98.7
99.5	106.5	108.8	93.5	120.1	104.0	119.9	66.6	97.7
99.1	104.6	110.6	94.7	121.6	105.7	119.5	67.3	92.2
99.6	108.4	111.0	97.5	124.1	107.3	131.6	67.7	92.5
100.6	108.8	111.1	97.2	125.4	108.7	133.7	67.2	91.4
101.2	108.4	110.7	97.5	128.1	109.1	141.0	59.1	90.8
100.7	108.0	110.4	98.2	121.5	109.8	141.7	59.1	85.2
102.6	106.9	110.0	97.9	123.3	109.8	141.6	58.7	85.4
102.5	106.9	110.4	98.1	123.3	110.2	141.4	58.6	58.5
102.3	110.2	107.1	97.8	131.0	112.9	139.9	78.5	56.8
97.4	108.2	109.8	97.5	128.5	113.5	147.1	79.0	22.9
99.2	108.8	109.3	96.4	132.4	113.7	148.0	79.6	22.5
104.0	109.0	109.4	95.2	132.3	114.2	192.6	80.3	22.6
103.8	109.8	110.9	95.3	125.6	114.1	197.1	81.7	22.8
101.8	108.1	109.3	95.2	124.4	111.6	196.5	81.7	25.3
102.7	108.3	110.2	94.9	124.6	111.6	195.3	81.6	23.5
101.6	108.8	108.3	95.2	127.4	111.7	200.7	83.1	23.6
103.3	109.2	108.7	95.1	126.7	110.2	206.5	82.2	16.0
101.5	109.2	108.9	95.4	130.5	110.0	209.6	82.5	14.4
102.8	109.6	109.2	96.0	132.4	110.2	211.2	82.9	15.3
105.8	110.4	109.1	96.5	133.8	111.8	215.4	82.3	15.3
105.4	111.5	112.2	96.7	133.0	113.2	219.0	82.4	15.5
106.8	111.0	112.2	96.3	140.4	113.3	222.3	81.4	14.9
105.7	106.8	112.4	96.4	142.6	114.3	224.4	83.9	15.7
107.3	106.0	112.1	96.3	146.2	114.3	228.0	84.8	15.7
107.8	108.4	113.1	96.0	147.7	116.1	237.1	85.5	14.2
107.7	104.6	111.7	96.7	148.4	114.9	242.5	86.3	14.4

**Table 6.7 – INDEX OF VALUE OF COMPENSATION OF KEY
(1985**

Year/ Month	TOTAL MANUFAC- TURING	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1987								
January	115.2	111.0	128.1	96.4	132.5	112.8	89.9	108.6
February	117.4	105.4	118.8	99.2	135.3	111.8	91.9	108.3
March	118.4	106.6	123.6	110.4	132.9	112.8	91.1	128.3
April	128.9	117.2	182.2	119.6	138.2	115.2	97.4	110.1
May	135.2	126.1	204.8	125.6	136.5	116.7	100.7	110.5
June	135.9	122.1	193.2	134.7	148.9	137.4	99.8	128.4
July	135.4	109.4	161.5	144.5	152.9	136.4	99.3	127.6
August	131.3	103.1	159.6	98.3	155.3	138.1	98.5	118.4
September	134.8	111.9	155.8	118.3	149.6	135.7	100.1	135.0
October	138.8	116.0	172.5	105.5	164.2	147.2	97.8	128.2
November	147.1	133.0	175.1	114.4	166.4	138.0	98.9	114.1
December	174.0	143.2	189.7	187.8	190.8	172.7	202.3	158.5
1988								
January	161.4	154.5	199.2	128.9	175.7	156.1	93.7	144.0
February	163.2	169.3	210.1	133.2	173.8	152.0	95.5	141.7
March	169.8	171.6	242.6	149.4	185.4	151.4	95.4	159.3
April	175.9	185.9	279.1	145.9	185.3	153.7	103.4	153.4
May	176.5	176.7	239.1	162.1	186.7	155.7	94.0	177.7
June	183.9	186.5	271.5	160.9	186.5	178.0	98.3	165.7
July	170.4	162.3	233.1	170.7	187.8	167.9	103.3	161.9
August	174.4	169.3	229.1	150.1	182.4	169.2	103.8	148.7
September	179.0	179.9	242.7	153.4	178.4	175.2	100.5	148.1
October	178.9	181.0	243.4	137.8	184.1	177.8	104.3	156.1
November	192.2	198.7	297.8	150.4	194.6	183.4	96.9	169.0
December	254.2	259.6	322.7	261.9	250.6	215.5	189.6	196.6
1989								
January	185.7	213.5	254.8	146.9	166.1	167.9	104.2	179.5
February	182.1	192.0	256.7	147.0	178.8	172.8	95.9	162.2
March	195.4	201.2	262.4	168.1	183.5	168.6	93.1	183.4
April	203.4	205.6	328.0	160.5	196.0	183.7	100.3	201.4
May	209.8	209.5	328.4	164.0	194.4	174.3	96.8	184.2
June	203.2	206.0	340.4	177.2	193.2	168.0	97.7	199.0

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1989

= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Miscele- neous
107.7	126.9	125.9	100.2	107.2	134.9	141.3	84.9	103.4
119.3	130.7	125.4	110.2	108.9	152.5	146.0	98.1	93.9
121.8	131.5	134.6	123.3	117.7	131.1	144.0	97.7	99.6
124.1	133.7	131.5	126.1	157.6	142.2	160.6	100.6	107.7
107.9	153.7	141.2	178.1	164.7	154.4	153.2	101.0	97.8
109.0	141.9	151.9	121.2	168.4	148.9	146.7	107.6	112.0
143.8	141.3	143.2	125.5	149.8	149.5	195.1	107.1	87.3
138.3	141.0	137.9	112.2	153.9	147.5	177.4	104.2	85.6
141.0	142.1	141.2	115.2	157.5	146.6	201.0	108.4	79.4
136.9	150.4	136.8	110.8	160.3	143.6	202.2	100.0	113.2
141.0	168.1	142.1	125.7	164.0	179.7	201.4	116.3	97.3
224.6	179.6	154.5	137.7	173.7	171.2	220.4	120.4	121.8
153.8	160.9	149.0	178.2	175.8	229.9	233.3	139.8	27.8
156.3	168.9	152.0	121.2	176.1	176.6	245.7	144.3	33.4
149.2	176.1	162.0	132.2	177.7	181.9	250.3	153.3	37.6
158.4	171.1	162.7	131.1	212.1	181.6	236.7	157.4	24.2
160.1	184.3	175.7	157.9	190.0	191.7	269.0	162.8	21.7
164.3	179.1	172.3	125.8	209.3	205.3	290.1	162.1	25.4
155.5	167.4	167.8	114.5	193.1	168.3	264.7	150.7	28.1
155.3	172.3	174.2	127.4	201.6	203.6	271.3	163.1	24.3
160.8	170.7	163.0	125.9	197.2	177.7	328.0	173.7	15.4
164.4	182.7	184.3	128.8	193.9	195.5	282.9	150.9	14.4
175.4	179.1	162.5	150.5	229.3	220.8	304.5	171.5	16.0
203.1	233.7	251.7	187.2	273.3	196.0	584.1	215.1	30.3
148.6	191.8	159.2	127.8	213.5	187.0	301.9	173.4	17.7
143.3	188.0	152.3	142.8	200.2	185.4	325.1	162.5	16.3
144.1	189.1	150.0	149.7	219.1	197.9	477.1	170.8	16.3
189.5	192.0	168.2	141.4	244.0	210.5	375.0	177.4	16.8
150.9	228.0	172.4	151.0	267.4	218.3	407.0	192.2	17.5
150.4	189.8	162.1	142.2	266.2	215.8	387.9	189.5	16.8

Table 6.8 - VALUE OF MINING
(In thousand)

Year	Total all minerals	Precious metals			Palladium and platinum metal
		Sub- total	Gold metal	Silver 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	20,986,624.8	6,274,122.7	6,087,878.9	186,243.8	-
1986	20,037,406.1	8,570,129.9	8,395,572.7	174,557.2	-
1987	22,015,525.2	9,508,522.5	9,290,350.5	218,172.0	-

PRODUCTION: 1955 to 1987
(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	-	..
7,544,582.6	426,918.0	5,629,950.5	-	-
5,884,263.4	329,426.2	5,460,594.3	-	-
6,568,574.3	274,804.1	6,141,258.9	-	-

Table 6.8 – VALUE OF MINING
(In thousand)

Year	Base metals					Quick silver metal	Zinc metal
	Manganese ore	Molybdenum metal	Nickel metal	Pyrite cinders ore			
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	–	1,473,477.0	–	–	14,133.9	
1986	154.4	–	83,504.9	–	–	10,583.6	
1987	177.5	–	145,230.0	–	–	7,103.8	

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.

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

a Gypsum, natural only; data for artificial gypsum was added to other minerals.

Source: Mines and Geo-Sciences Bureau.

PRODUCTION: 1955 to 1987 (continued)
pesos)

Non-metallics						
Sub- Total	Gypsum	Coal	Sand and gravel	Salt	Silica sand	Other minerals ¹
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 ^a	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
2,973,338.2	66.0	1,509,457.2	1,070,918.7	365,200.5	27,695.8	4,221,931.8
2,792,367.4	6,791.8	1,149,017.8	1,221,336.8	391,131.2	24,089.8	2,814,427.9
2,783,092.7	9,587.4	931,030.1	1,391,984.0	412,647.5	37,843.7	3,155,335.7

Figure 6.1 Index of Value of Production of Key Manufacturing Enterprises
1987 - 1989
(1985 = 100)

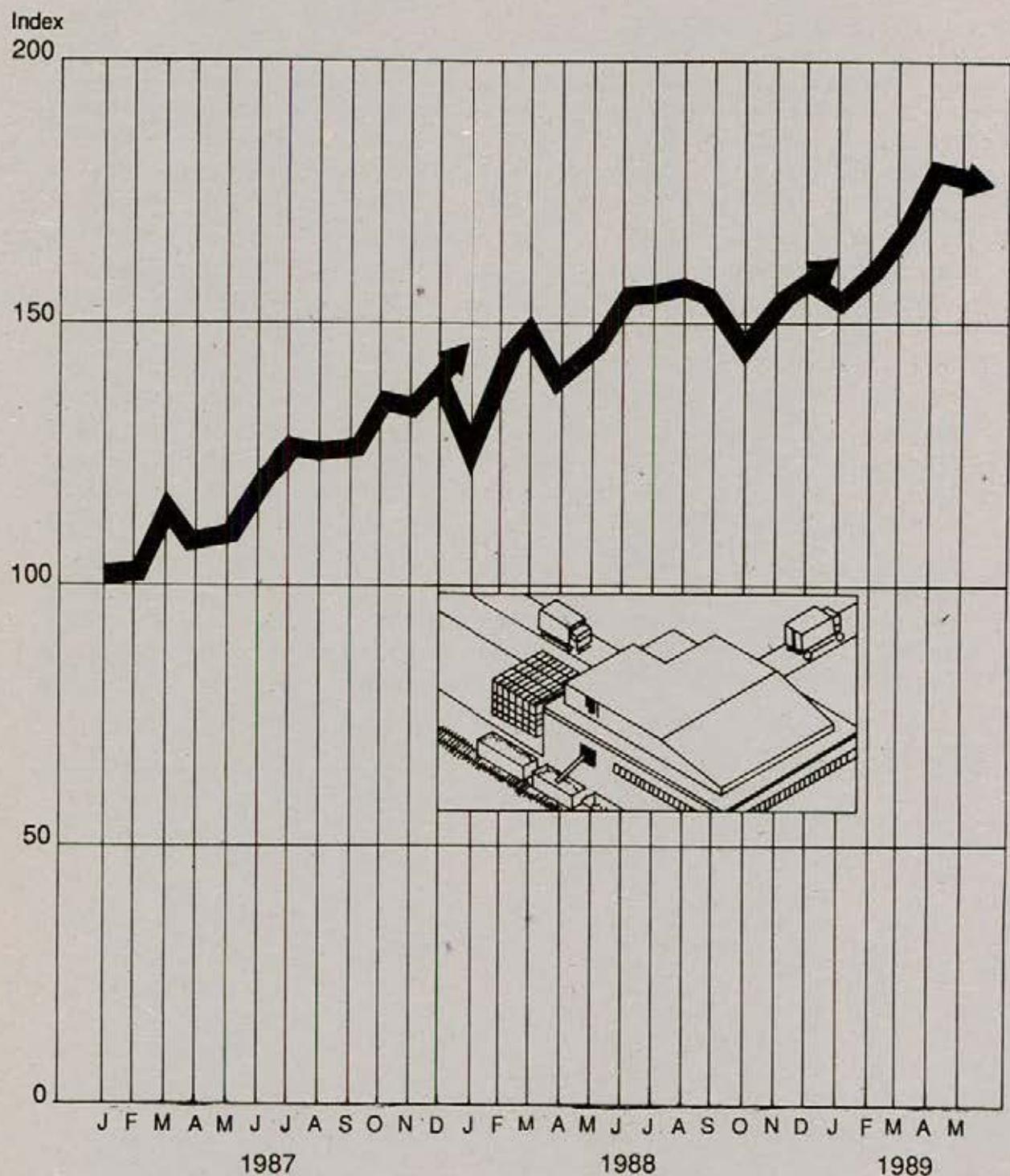


Table 6.9 – MINING PRODUCTION: 1955 to 1987
(In thousand units)

Year	Precious metals			Base metals ¹		
	Gold metal (kg)	Silver metal (kg)	Platinum & palladium metal (kg)	Chromite ore (dmt)	Copper metal (mt)	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	-
1986	35.4	51.5	...	202.2	217.0	-
1987	32.6	50.8	...	188.3	214.1	-

Table 6.9 - MINING PRODUCTION: 1955 to 1987 (continued)
(In thousand units)

Year	Base metals 1					
	Lead metal (mt)	Manganese Ore (dmt)	Molybdenum metal (mt)	Nickel metal (mt)	Pyrite cinders (dmt)	Quick silver ² (Flask)
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	...	...
1986	...	0.5	-	12.7	...	...
1987	-	0.4	-	8.5	-	...

Table 6.9 - MINING PRODUCTION: 1955 to 1987 (continued)
(In thousand units)

Year	Non-metallics ³					
	Zinc metal (mt)	Gypsum (mt)	Coal (mt)	Sand and gravel (cu.m.)	Salt (mt)	Silica sand (mt)
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 ^a	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	0.3	1,258.9	11,134.6	421.1	345.3
1986	1.6	13.1	1,235.5	12,481.8	442.1	307.3
1987	1.1	16.3	1,169.2	13,782.7	466.4	213.4

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

2 A flask contains 76 lb of mercury.

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

a Gypsum material only. Data for artificial gypsum not available.

Source: Mines and Geo-Sciences Bureau.

**Table 6.10 – NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number	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	1,830
1978	26,828	4,142	2,963,098	14,909	1,830
<i>Metropolitan Manila Area</i>					
<i>(National Capital Region)</i>	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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING

1965 to 1988

(area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	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
1,154,953	3,981	1,920	1,419,724	7,938	416	388,422
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

**Table 6.10 - NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number	Floor area	Value	Number	Floor area
1979	41,717	6,204	5,224,919	21,753	2,689
<i>Metropolitan Manila Area</i>					
(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
1980	39,104	5,881	5,734,241	21,966	2,552
<i>Metropolitan Manila Area</i>					
(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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1988 (continued)
area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	Number	Floor area	Value	Number	Floor area	Value
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
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

**Table 6.10 - NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number	Floor area	Value	Number	Floor area
1981	38,805	5,489	6,310,570	23,922	2,477
<i>Metropolitan Manila Area</i>					
(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
1982	39,622	5,178	6,042,597	26,352	2,748
<i>Metropolitan Manila Area</i>					
(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	487	44

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING

1965 to 1988 (continued)

area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	Number	Floor area	Value	Number	Floor area	Value
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
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

**Table 6.10 - NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number	Floor area	Value	Number	Floor area
1983	46,927	7,233	8,479,016	32,883	3,575
<i>Metropolitan Manila Area</i>					
(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
1984	40,577	5,441	8,216,601	28,095	3,129
<i>Metropolitan Manila Area</i>					
(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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1988 (continued)
area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	Number	Floor area	Value	Number	Floor area	Value
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
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

**Table 6.10 – NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number	Floor area	Value	Number	Floor area
1985	30,508	4,558	8,285,127	20,244	2,122
<i>Metropolitan Manila Area</i>					
(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
1986	31,170	4,024	6,531,455	19,582	2,105
<i>Metropolitan Manila Area</i>					
(National Capital Region)	11,297	1,735	3,115,009	6,623	920
Region 1	2,227	253	375,476	1,393	145
Region 2	328	55	73,804	173	20
Region 3	1,989	302	489,683	1,463	166
Region 4	4,364	432	707,530	3,450	270
Region 5	586	95	160,159	361	38
Region 6	1,272	155	251,222	907	84
Region 7	2,039	235	291,425	1,117	132
Region 8	971	141	226,326	595	43
Region 9	626	62	72,376	346	36
Region 10	1,434	152	247,725	628	90
Region 11	3,090	242	357,799	2,135	127
Region 12	947	165	162,921	391	34

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING

1965 to 1988 (continued)
area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	Number	Floor area	Value	Number	Floor area	Value
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
3,317,094	3,645	1,583	2,325,003	7,943	338	889,359
1,580,598	1,115	593	992,179	3,559	223	542,232
201,368	272	94	129,552	562	14	44,558
23,959	104	34	47,697	51	0	2,151
264,320	295	124	191,961	231	13	33,400
448,054	395	131	182,826	519	30	76,649
57,220	111	51	78,164	114	7	24,773
123,986	161	66	95,081	204	5	32,154
154,580	254	86	100,643	668	17	36,203
48,489	184	96	161,072	192	2	16,765
39,277	93	24	25,961	187	2	7,141
154,879	221	56	70,487	585	6	22,357
182,302	312	102	138,035	643	13	37,463
38,062	128	126	111,345	428	6	13,513

**Table 6.10 – NUMBER, FLOOR AREA AND VALUE OF
AND BY REGION:
(Value in thousand pesos;**

Year/Region	Total			Residential	
	Number ¹	Floor area	Value	Number	Floor area
1987	41,712	5,951	11,123,989	27,809	3,118
Metropolitan Manila Area					
<i>(National Capital Region)</i>	14,848	2,911	6,109,609	9,586	1,456
Region 1	2,311	293	527,640	1,571	175
Region 2	463	71	106,141	280	30
Region 3	2,543	486	879,995	1,916	258
Region 4	7,019	698	1,338,079	5,811	447
Region 5	667	87	148,546	484	51
Region 6	1,609	182	316,650	1,192	111
Region 7	2,750	363	479,792	1,632	187
Region 8	1,016	89	131,382	685	50
Region 9	787	86	120,393	496	46
Region 10	2,244	225	290,849	901	87
Region 11	4,310	339	526,943	2,834	179
Region 12	1,145	121	147,970	421	41
1988	44,434	7,504	17,341,828	30,181	3,486
Metropolitan Manila Area					
<i>(National Capital Region)</i>	13,984	3,658	10,690,693	10,021	1,629
Region 1	2,316	553	824,287	1,600	190
Region 2	609	104	161,095	365	42
Region 3	2,362	429	726,259	1,719	198
Region 4	7,572	781	1,497,199	6,237	513
Region 5	876	127	263,231	641	67
Region 6	1,987	385	969,027	1,432	147
Region 7	3,153	425	560,300	1,795	218
Region 8	1,389	106	159,662	651	57
Region 9	867	106	140,255	563	57
Region 10	3,000	247	401,046	1,489	127
Region 11	5,055	448	717,333	3,148	198
Region 12	1,264	135	231,442	518	43

1 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 Statistics Office.

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1988 (continued)
area in thousand square meters)

Value	Non-residential			Additions, alterations and/or repairs		
	Number	Floor area	Value	Number	Floor area	Value
5,832,042	4,504	2,370	4,108,333	9,399	463	1,183,625
3,061,513	1,341	1,183	2,288,661	3,921	273	759,437
276,292	312	100	193,873	428	18	57,477
37,878	97	41	59,866	86	1	8,399
538,064	335	212	290,220	292	15	51,711
880,668	550	222	397,868	658	29	59,545
80,025	109	32	56,114	74	4	12,405
179,056	203	64	106,932	214	7	30,661
240,073	383	153	193,259	735	22	46,465
64,841	140	37	57,895	191	2	8,649
52,560	102	36	61,174	189	4	6,658
108,731	322	103	124,064	1,021	35	58,051
263,820	442	138	208,690	1,034	22	54,432
48,521	168	49	69,717	556	31	29,735
6,933,823	5,067	3,222	7,389,138	9,186	826	3,018,872
3,800,828	1,385	1,631	4,553,406	2,578	398	2,336,460
324,203	303	110	227,939	413	253	272,141
57,898	174	61	99,411	70	1	3,787
356,110	389	212	308,089	254	19	62,059
1,004,602	662	234	403,046	673	64	89,551
122,096	134	56	123,500	101	4	17,636
256,783	301	233	684,536	254	5	27,708
300,144	430	174	204,484	926	34	55,671
78,332	166	41	58,278	572	8	23,053
73,868	135	46	57,595	169	3	8,794
182,730	281	112	185,675	1,230	8	32,647
310,139	517	223	333,526	1,390	28	73,668
66,089	190	89	149,655	556	3	15,698

Table 6.11 - NUMBER AND INITIAL PAID-UP CAPITAL INVESTMENTS
(Amount in

Year	Total		Corporations	
	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 a	1,542,808 b	4,493	3,490,514
1982	5,315 a	1,630,955 b	4,344	3,724,364
1983	5,575 a	1,747,841 b	4,587	3,805,534
1984	4,480 a	1,148,589 b	3,604	2,574,804
1985	5,300 a	2,068,958 b	4,269	3,453,736
1986	6,002 a	1,621,299	5,003	3,552,357
1987	8,267 a	3,205,411	7,057	7,200,611
1988	9,033 a	5,885,339	7,809	11,861,519

a Total refers to corporations and partnerships only.

b Includes cooperatives and excludes non-stock corporations.

c Covers January to October 1980 only.

Source: Securities and Exchange Commission

OF NEWLY REGISTERED BUSINESS ORGANIZATIONS: 1950 to 1988
(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 ^c	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	1,031	177,828	...	...
1,464,608	999	156,691	...	...
2,995,530	1,210	209,881	...	...
5,650,900	1,224	234,439	...	...

**Table 6.12 – INITIAL PAID-UP CAPITAL INVESTMENTS OF
AND PARTNERSHIPS BY NATIONALITY**
(In thousand)

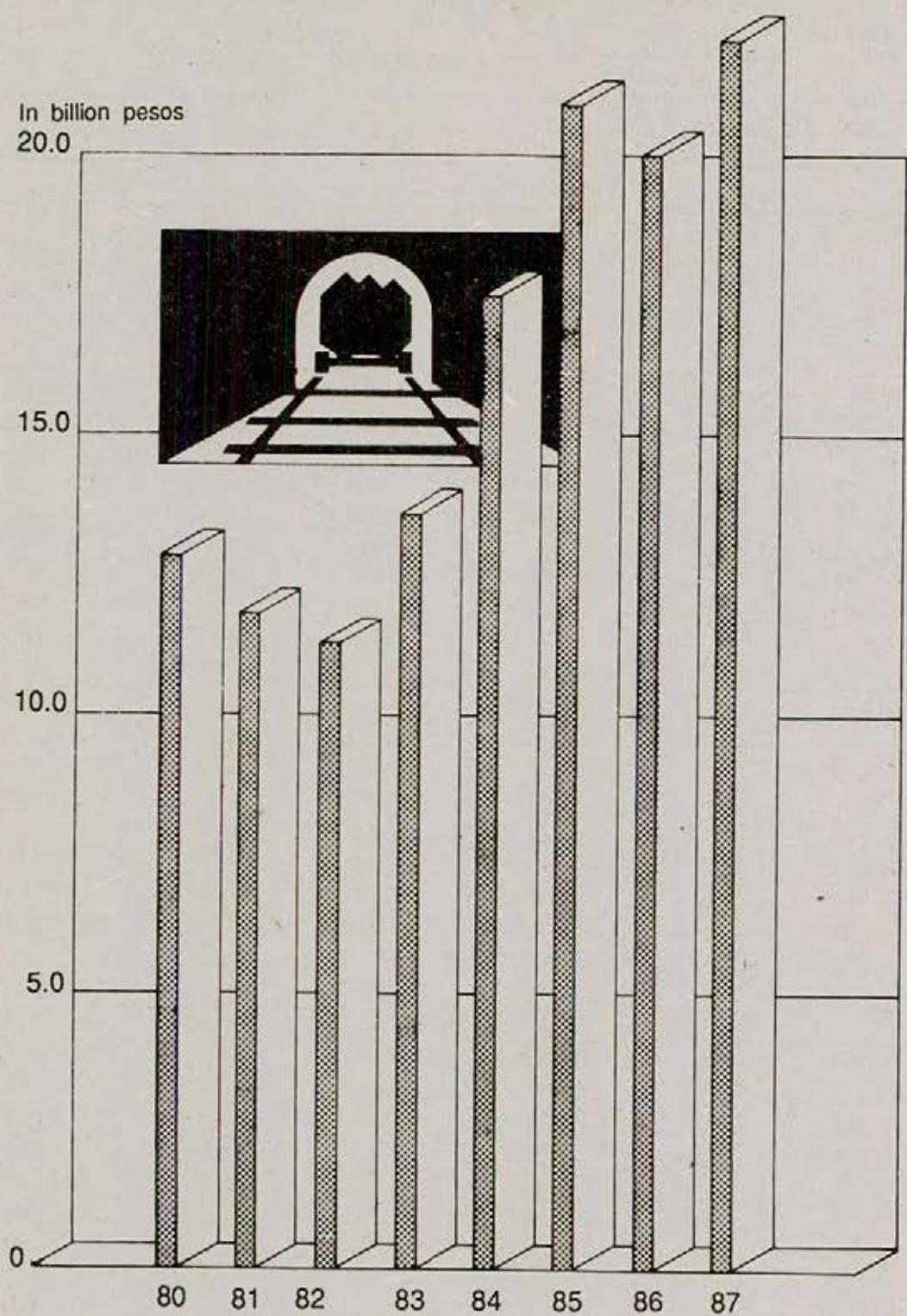
Year/Nationality	All industries	Agriculture, fishery and forestry	Mining and quarrying	Manu- facturing
1982	1,630,955	199,601	26,018	257,154
<i>Filipino</i>	1,570,057	196,226	25,624	227,312
<i>Chinese</i>	12,954	237	75	8,958
<i>American</i>	10,167	305	134	1,258
<i>Others</i>	37,777	2,833	185	19,626
1983	1,747,841	107,592	14,470	233,492
<i>Filipino</i>	1,699,201	103,760	14,289	211,522
<i>Chinese</i>	11,337	660	–	5,682
<i>American</i>	5,993	270	107	3,052
<i>Others</i>	31,310	2,902	74	13,236
1984	1,148,589	119,425	74,785	218,635
<i>Filipino</i>	1,108,843	117,809	74,282	205,050
<i>Chinese</i>	8,983	205	125	5,400
<i>American</i>	4,567	204	250	1,241
<i>Others</i>	26,196	1,207	128	6,944
1985	2,068,960	128,211	23,012	455,576
<i>Filipino</i>	2,014,586	125,038	19,890	436,296
<i>Chinese</i>	10,781	823	402	4,857
<i>American</i>	9,066	1,281	2,650	1,099
<i>Others</i>	34,527	1,069	70	13,324
1986	1,587,893	154,131	26,426	254,043
<i>Filipino</i>	1,522,173	148,767	23,431	229,987
<i>Chinese</i>	11,015	2,432	107	3,368
<i>American</i>	22,154	1,290	234	10,583
<i>Others</i>	32,551	1,642	2,654	10,105
1987	3,205,411	235,228	64,080	786,331
<i>Filipino</i>	2,476,890	206,078	49,611	439,411
<i>Chinese</i>	46,313	4,547	2,991	26,435
<i>American</i>	21,060	1,117	837	9,340
<i>Others</i>	661,148	23,486	10,641	311,145
1988	5,895,429	229,250	89,357	1,293,930
<i>Filipino</i>	3,153,319	179,439	32,308	593,037
<i>Chinese</i>	327,198	12,210	580	116,976
<i>American</i>	48,820	2,043	8,526	15,212
<i>Others</i>	2,366,092	35,558	47,943	568,705

Source: Securities and Exchange Commission.

**NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS
AND BY KIND OF BUSINESS: 1982 to 1988
*(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
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
84,139	1,262	408,818	1,237,357	267,960	120,236
80,994	1,262	357,339	1,039,095	197,652	105,448
88	-	6,791	3,041	912	1,508
7	-	2,353	5,595	104	1,707
3,050	-	42,335	189,626	69,292	11,573
141,567	2,525	596,024	3,098,707	200,344	243,725
129,218	2,225	402,398	1,515,705	167,300	131,689
496	-	17,028	174,797	449	4,662
871	-	4,163	16,438	447	1,120
10,982	300	172,435	1,391,767	32,148	106,254

Figure 6.2 Value of Mining Production, 1980 - 1987



**Table 6.13 – CAPITAL INCREASES AND WITHDRAWALS OF
CORPORATIONS AND PARTNERSHIPS, PHILIPPINES: 1955 to 1988**
(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	88.5
1965	299	198.4	304	36.0	162.4
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	458.0
1973	619	744.8	192	64.7	680.1
1974	831	1,622.6	199	65.5	1,557.1
1975	768	1,696.0	389	57.3	1,638.7
1976	717	1,448.0	654	137.2	1,310.8
1977	540	1,028.7	391	48.2	980.5
1978	650	1,942.7	330	179.4	1,763.3
1979	736	2,375.9	261	141.0	2,234.9
1980	763	3,776.4	229	44.5	3,731.9
1981	706	5,966.8	249	332.5	5,634.3
1982	663	4,087.3	213	98.4	3,988.9
1983	644	3,789.1	207	747.5	3,041.6
1984	573	2,428.8	187	389.8	2,039.0
1985	604	4,461.5	170	2,354.2	2,107.3
1986	582	3,024.8	174	598.8	2,426.0
1987	744	4,938.5	199	1,603.8	3,334.7
1988	873	8,252.1	10	565.9	7,686.2

Source: Securities and Exchange Commission.

Table 6.14 – AMOUNT OF INVESTMENTS APPROVED
(In thousand)

Year	Total	Local	Sub-total	Australia/ Oceania	Asia
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	820,404	409,465	410,939	56,743	184,422
1976	1,509,943	888,692	621,251	53,167	134,780
1977	890,487	552,473	338,014	9,289	153,365
1978	1,475,057	890,633	584,424	11,974	180,807
1979	2,752,464	1,990,585	761,879	56,396	173,994
1980	4,276,439	2,500,764	1,775,675	15,487	421,328
1981 ¹	5,541,351	3,549,197	1,992,154	367,667	338,357
1982	6,661,716	4,478,972	2,182,744	536,286	189,880
1983	5,217,296	2,239,487	2,977,809	61,129	200,716
1984	6,114,279	2,213,759	3,900,520	147,746	1,309,047
1985	4,700,654	2,251,046	2,449,608	8,976	719,657
1986	3,146,278	1,552,528	1,593,750	97,114	662,582
1987	8,360,162	4,932,820	3,427,342	80,890	1,621,207
1988 ²	16,944,582	7,421,166	9,523,416	175,849	5,347,449

1 Including approvals under P.D.218 in September 1981.

2 Including approvals under Executive Order 226.

Source: Board of Investments.

UNDER PD 1789 BY REGION: 1970 to 1988

(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
800,435	360,134	-	544,740	4,511	2,760	12,665
3,236,898	144,808	-	573,097	34,047	277	10,991

Table 6.15 - EQUITY INVESTMENTS IN PROJECTS
1985-
(In thousand)

Industry	Total	Philippines		Foreign	
		100% wholly owned	In joint venture	100% wholly owned	In joint venture
<i>January - December 1985</i>					
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	-
<i>January - December 1986</i>					
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
Tourism Oriented Projects	-	-	-	-	-
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	-

Source: Board of Investments.

APPROVED BY THE BOI: 1985 to 1988

(pesos)

Industry	Philippines			Foreign	
	Total	100% wholly owned	In joint venture	100% wholly owned	In joint venture
<i>January - December 1987</i>					
All industries	8,360,162	2,832,487	2,100,333	981,707	2,445,635
Agriculture	650,949	93,507	371,334	20,336	165,772
Forestry	-	-	-	-	-
Fishery	396,243	210,780	63,819	11,000	110,644
Mining	106,644	2,229	59,463	19,941	25,011
Manufacturing	5,446,286	2,463,057	1,011,589	748,991	1,222,649
Energy-related projects	266,441	500	148,550	-	117,391
Public utilities	-	-	-	-	-
Export traders	30,695	19,390	3,670	-	7,635
Commerce	394,356	-	110,611	97,225	186,520
Service exporters	55,588	43,024	7,248	-	5,316
Services	847,320	-	231,879	61,104	554,337
Construction	38,406	-	14,859	13,889	9,658
Financial institution	4,696	-	-	-	4,696
Real estate	113,317	-	77,311	-	36,006
Regional headquarters	9,221	-	-	9,221	-
<i>January - December 1988</i>					
All industries	16,944,582	4,161,630	3,259,536	4,418,587	5,104,829
Agriculture	1,150,323	386,016	162,565	579,800	21,942
Forestry	-	-	-	-	-
Fishery	744,811	501,918	131,377	2,500	109,016
Mining	220,879	85,719	97,606	-	37,554
Manufacturing	11,997,273	2,555,629	2,226,686	3,447,924	3,767,034
Energy-related projects	1,190,757	202,376	260,965	233,650	493,766
Public utilities	322,604	322,604	-	-	-
Export traders	20,568	19,568	460	-	540
Commerce	182,445	-	72,599	52,945	56,901
Service exporters	13,476	11,932	973	-	571
Tourism Oriented Projects	79,330	75,868	1,212	-	2,250
Services	698,411	-	243,672	97,589	357,150
Construction	7,000	-	4,770	-	2,230
Financial institution	0	-	-	-	-
Real estate	312,526	-	56,651	-	255,875
Regional headquarters	4,179	-	-	4,179	-

FOREIGN TRADE: BALANCE OF PAYMENTS

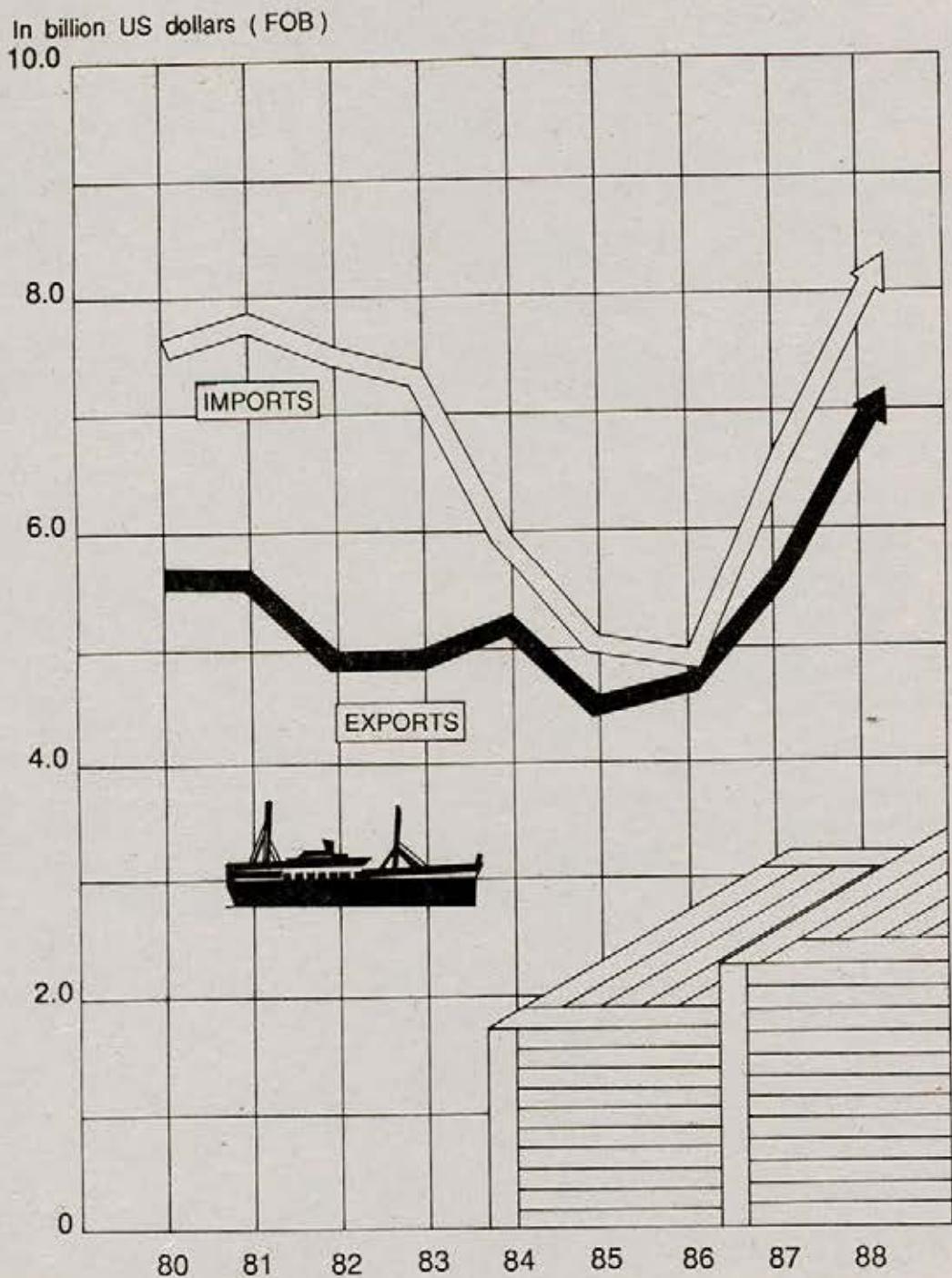
Foreign trade statistics are important to the policy-maker, the economic planner, the analyst and the public in general in that they characterize the overall position of the country vis-a-vis other countries or with the rest of the world, and give an indication of how its relations with other countries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

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

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

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Figure 7.1 Direction of External Trade, 1980 - 1988



**Table 7.1 - FOREIGN TRADE OF THE
(F.O.B. value in**

Year	TOTAL TRADE	Value	Exports ¹	
			Percent to total trade	Average exchange rate (P/U.S.\$)
1970	2,301.49	1,142.19	49.63	5.995
1971	2,450.08	1,189.25	48.54	6.400
1972	2,502.03	1,168.43	46.70	6.641
1973	3,433.81	1,837.19	53.50	6.722
1974	5,868.25	2,724.99	46.44	6.754
1975	5,753.65	2,294.47	39.88	7.212
1976	6,207.16	2,573.68	41.46	7.403
1977	7,065.65	3,150.89	44.59	7.366
1978	8,157.07	3,424.87	41.99	7.329
1979	10,742.94	4,601.19	42.83	7.341
1980	13,514.70	5,787.79	42.83	7.474
1981	13,666.08	5,720.40	41.86	7.760
1982	12,687.51	5,020.59	39.57	8.497
1983	12,491.92	5,005.29	40.07	11.080
1984	11,460.26	5,390.65	47.04	16.641
1985	9,739.62	4,628.95	47.53	18.607
1986	9,885.38	4,841.78	48.98	20.356
1987	12,457.21	5,720.24	45.92	20.557
1988	15,233.57	7,074.20	46.44	21.065

1. Sum of domestic exports and re-exports.

Source: National Statistics Office.

Central Bank of the Philippines.

PHILIPPINES: 1970 to 1988

(million U.S. dollars)

Value	Imports	Average exchange rate (P/U.S.\$)	Balance of trade
	Percent to total trade		Favorable(+) Unfavorable(-)
1,159.30	50.37	6.069	(17.11)
1,260.83	51.46	6.480	(71.58)
1,333.60	53.30	6.725	(165.17)
1,596.62	46.50	6.807	240.57
3,143.26	53.56	6.839	(418.27)
3,459.18	60.12	7.302	(1,164.71)
3,633.48	58.54	7.496	(1,059.80)
3,914.76	55.41	7.458	(763.87)
4,732.20	58.01	7.421	(1,307.33)
6,141.75	57.17	7.433	(1,540.56)
7,726.91	57.17	7.568	(1,939.12)
7,945.68	58.14	7.959	(2,225.28)
7,666.92	60.43	8.604	(2,646.33)
7,486.63	59.93	11.190	(2,481.34)
6,069.61	52.96	16.848	(678.96)
5,110.67	52.47	18.859	(481.72)
5,043.60	51.02	20.402	(201.82)
6,736.97	54.08	20.565	(1,016.73)
8,159.38	53.56	21.065	(1,085.18)

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

All countries	1980		1981		1982		1983	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
Total	7,726,912	5,787,788	7,945,879	5,720,397	7,666,918	5,020,593	7,486,626	5,005,291
<i>United States a</i>	1,785,695	1,588,410	1,784,597	1,740,476	1,699,138	1,576,261	1,739,106	1,799,570
<i>Japan</i>	1,531,182	1,533,333	1,494,114	1,250,487	1,532,022	1,145,507	1,266,000	1,015,036
<i>European Economic Community</i>	827,532	980,781	819,020	924,302	813,828	726,280	879,861	816,023
<i>France</i>	88,790	94,917	130,870	84,421	100,362	82,393	88,546	91,496
<i>West Germany</i>	323,356	255,061	315,670	240,253	331,859	202,764	354,865	199,170
<i>Netherlands</i>	112,730	365,768	77,441	319,642	85,699	189,942	75,841	225,587
<i>United Kingdom</i>	180,446	146,609	164,656	193,090	161,622	189,895	181,075	234,669
<i>Italy</i>	65,490	66,665	61,227	50,004	47,370	34,321	53,542	37,357
<i>Others</i>	56,720	51,761	69,156	36,892	86,916	26,965	125,992	27,744
<i>Middle East</i>								
<i>Countries</i>	1,974,969	115,353	1,694,271	99,446	1,455,982	90,300	1,451,540	78,575
<i>Kuwait</i>	405,768	4,636	415,705	3,056	288,678	8,705	286,471	7,051
<i>Saudi Arabia</i>	796,556	26,785	1,038,116	34,942	912,717	39,453	812,545	41,931
<i>Bahrain</i>	100,973	670	92,071	1,157	17,103	2,295	37	1,460
<i>Others</i>	671,672	83,262	148,379	60,291	237,484	39,847	352,487	28,133
<i>ASEAN Countries</i>	483,155	376,967	538,321	412,244	509,679	358,738	671,078	352,761
<i>Brunei</i>	b	b	b	b	b	b	b	b
<i>Indonesia</i>	178,035	107,152	224,360	153,624	142,880	54,984	171,421	30,147
<i>Malaysia</i>	157,788	94,291	177,588	104,073	118,680	177,767	154,650	162,495
<i>Singapore</i>	126,872	112,613	109,719	129,223	218,376	111,553	280,451	140,254
<i>Thailand</i>	20,460	62,911	26,654	25,324	29,743	14,434	64,556	19,865
<i>Socialist Countries</i>	244,983	255,584	212,166	257,164	232,498	231,108	154,636	123,179
<i>People's Republic of China</i>	205,705	44,986	194,517	78,225	206,327	105,205	122,151	29,392
<i>U.S.S.R.</i>	21,586	189,291	1,809	171,007	11,130	115,159	15,811	86,994
<i>Romania</i>	2,037	4,176	2,479	6	4,810	50	1,725	0
<i>Other</i>	15,655	17,131	13,361	7,926	10,231	10,694	14,949	6,793
<i>Other Countries</i>	879,398	937,360	1,403,190	1,036,278	1,424,771	892,399	1,324,406	820,147
<i>Australia</i>	214,963	97,893	212,618	121,677	218,180	89,474	171,473	76,179
<i>Hongkong</i>	194,152	191,653	215,558	221,721	210,650	197,865	256,695	170,711
<i>South Korea</i>	136,929	202,553	111,418	198,301	147,642	151,464	158,079	148,192
<i>Taiwan</i>	182,666	100,555	204,881	101,559	220,115	56,659	213,242	74,886
<i>Canada</i>	68,470	64,143	65,102	90,184	68,232	58,315	54,173	69,829
<i>Others</i>	82,218	280,563	593,613	302,836	559,952	338,622	470,744	280,350

a Includes Hawaii and Alaska.

b Included in other countries from 1978 to 1983.

c Includes Greece which became member as of 1984.

d Includes Greece but excludes Spain and Portugal which became member as of 1985.

Source: National Statistics Office.

1980 TO 1988

U.S. dollars)

1984		1985		1986		1987		1988	
Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
6,069,612	5,390,646	5,110,673	4,628,954	5,043,597	4,841,780	6,736,969	5,720,238	8,159,378	7,074,190
1,629,439	2,002,629	1,273,288	1,618,261	1,252,817	1,651,697	1,485,276	1,976,191	1,715,032	2,432,431
814,544	1,042,697	734,508	874,635	868,258	851,084	1,121,166	981,492	1,421,309	1,420,374
674,099 ^c	682,991 ^c	424,990 ^d	630,769 ^d	568,682	913,990	781,872	1,089,243	1,039,542	1,248,918
184,176	96,296	71,829	86,978	82,155	111,461	126,040	125,801	121,454	165,309
192,828	182,452	141,856	174,806	220,346	241,602	281,640	292,709	320,334	297,886
52,474	124,273	42,280	145,210	71,311	246,647	91,927	310,554	127,634	316,051
121,070	224,705	102,923	167,104	108,872	230,062	150,516	246,343	161,347	327,649
24,900	28,273	31,684	28,536	23,405	24,738	35,260	35,493	112,493	40,066
98,651	26,992	34,418	28,135	62,593	59,480	96,489	78,343	196,280	101,957
977,025	66,714	634,274	71,435	501,676	96,649	833,629	99,687	793,251	101,874
382,442	8,077	220,151	5,951	105,050	4,719	315,862	8,217	182,166	6,702
420,050	33,007	268,340	39,130	218,479	44,043	212,606	56,627	111,231	49,137
20	1,776	2	1,229	3,138	1,142	6,021	1,273	1,080	1,537
174,513	23,854	145,781	25,125	175,009	46,745	299,140	33,570	498,774	44,498
783,018	516,557	754,003	530,752	440,785	351,410	687,398	507,301	754,042	491,718
54,901	509	14,635	490	13,054	577	51,357	452	34,069	367
201,629	8,348	184,736	18,280	128,328	27,933	89,253	65,425	84,069	27,165
363,112	177,982	369,705	173,767	145,992	97,975	267,940	119,222	249,125	116,893
116,022	320,453	134,457	250,099	124,394	157,628	232,246	196,611	335,120	223,949
47,354	9,265	50,470	88,116	29,017	67,297	46,602	125,591	51,659	123,344
231,590	117,886	300,865	93,795	136,426	125,041	253,402	116,067	281,443	103,033
220,256	60,186	276,085	79,793	110,686	104,689	205,562	87,950	242,282	66,802
3,348	54,402	11,363	3,270	14,557	15,424	13,759	26,700	22,486	21,941
3,534	0	5,759	0	1,416	3	8	0	0	0
4,452	3,298	7,658	10,732	9,767	4,925	34,073	1,417	16,675	14,290
959,897	961,172	988,745	779,871	1,274,953	851,910	1,574,224	950,257	1,579,209	926,063
127,162	89,606	159,007	80,546	145,008	69,170	201,804	88,790	282,782	110,601
234,258	232,429	197,653	187,378	257,929	222,481	312,072	279,209	373,863	346,368
146,304	98,872	203,678	71,671	170,059	112,243	198,247	107,798	330,899	160,548
177,756	91,449	177,909	86,099	279,663	123,666	372,430	144,388	510,738	200,834
42,924	81,077	30,856	73,961	37,403	68,882	84,468	83,382	80,927	107,712
231,493	367,738	219,642	280,216	384,891	255,468	405,203	246,690	575,550	349,779

Table 7.3- PHILIPPINE EXPORTS BY MAJOR COMMODITY
 (F.O.B. value in million)

Major commodity group	1965	1970	1971	1972	1973	1974	1975	1976
<i>Total</i>	796	1,142	1,189	1,168	1,837	2,725	2,294	2,574
<i>Coconut products</i>	271	212	254	228	374	609	466	540
<i>Copra</i>	170	81	114	110	166	140	172	150
<i>Coconut oil</i>	69	98	103	84	153	381	231	299
<i>Desiccated coconut</i>	20	19	21	18	32	60	30	37
<i>Copra meal or cake</i>	12	14	16	16	23	28	33	54
<i>Sugar and sugar products</i>	147	196	220	218	294	766	616	456
<i>Centrifugal and refined sugar</i>	132	188	212	211	274	737	581	429
<i>Molasses</i>	10	8	8	6	19	28	34	24
<i>Others</i>	5	*	*	1	1	1	1	3
<i>Forest products</i>	195	301	264	235	444	338	260	308
<i>Logs</i>	155	243	215	164	304	216	167	135
<i>Lumber</i>	8	13	11	10	35	30	27	68
<i>Plywood</i>	18	20	24	34	58	26	21	43
<i>Others</i>	14	25	14	27	47	66	45	62
<i>Mineral products</i>	70	224	224	239	374	518	332	371
<i>Copper concentrates</i>	47	185	185	191	290	393	212	266
<i>Gold</i>	...	...	8	27	40	74	76	65
<i>Iron ore and concentrates</i>	2	13	13	9	18	12	13	7
<i>Chromite ore</i>	11	9	6	5	9	13	13	15
<i>Others</i>	10	17	12	7	17	26	18	18
<i>Fruits and vegetables</i>	17	35	41	52	57	91	124	142
<i>Pineapple products</i>	12	22	20	21	23	35	41	52
<i>Banana</i>	2	6	15	24	28	45	73	76
<i>Others</i>	3	7	6	7	6	11	10	14
<i>Abaca products</i>	26	17	15	16	24	46	22	27
<i>Abaca unmanufactured</i>	24	15	13	13	20	38	15	18
<i>Abaca rope</i>	2	2	2	3	4	8	7	9
<i>Tobacco products</i>	16	15	15	18	27	31	35	29
<i>Raw tobacco</i>	15	14	14	17	26	30	34	28
<i>Cigars and others</i>	1	1	1	1	1	1	1	1
<i>Mineral fuel and lubricants</i>	6	17	24	19	16	17	37	34
<i>Chemicals</i>	2	5	6	6	10	15	21	26
<i>Textiles</i>	5	5	7	9	24	20	22	28
<i>Miscellaneous manufactures</i>								
<i>and others</i>	39	114	111	124	191	271	357	589
<i>Re-exports</i>	2	1	8	4	2	3	2	24

Source: National Statistics Office.

GROUPS: 1960 TO 1988

U.S. dollars)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
3,151	3,425	4,601	5,788	5,720	5,021	5,005	5,391	4,629	4,842	5,720	7,074
761	908	1,024	811	750	590	680	727	459	470	560	577
201	136	89	47	34	49	4	-	-	18	32	28
412	621	742	567	533	401	516	580	347	333	380	408
90	82	107	116	102	68	88	106	76	44	75	78
58	69	86	81	81	72	72	41	36	75	73	63
535	216	240	657	609	445	321	327	189	108	78	83
512	197	212	624	567	416	299	290	169	87	60	60
20	16	27	33	38	25	17	33	16	16	10	14
3	3	1	0	4	4	5	4	4	5	8	9
294	362	536	468	469	362	331	323	246	251	306	339
134	145	144	92	76	78	74	88	39	26	0.3	0.7
67	85	198	181	126	124	149	107	90	103	154	156
41	72	107	111	111	67	76	56	51	56	67	78
52	60	87	84	156	93	32	72	66	66	85	104
501	554	831	1,031	758	532	440	266	243	267	224	383
268	250	440	545	429	312	249	115	84	90	109	216
71	76	103	239	215	169	154	104	100	140	90	118
0	0	0	0	0	0	0	0	0	0	0	0
25	25	23	33	25	15	10	19	12	10	7	13
137	203	265	214	89	36	27	28	47	27	18	36
157	177	214	365	378	374	327	392	354	346	382	418
64	74	96	97	101	107	102	115	128	128	136	130
72	86	100	114	124	146	105	122	113	130	121	146
21	17	18	154	153	121	120	155	113	88	125	142
29	25	38	31	25	26	25	37	31	35	47	41
18	15	25	27	21	20	18	33	16	13	12	16
11	10	13	4	4	6	7	4	15	22	35	25
29	30	33	30	50	49	35	31	28	26	23	26
28	29	32	29	48	47	33	28	24	21	18	19
1	1	1	1	2	2	2	3	4	5	5	7
37	30	42	38	42	33	115	87	42	66	97	153
51	59	112	89	107	96	87	104	151	243	246	257
21	31	39	33	69	56	25	38	39	44	68	73
722	1,011	1,463	2,198	2,453	2,449	2,586	2,934	2,807	2,874	3,558	4,718
14	22	29	37	10	9	33	125	40	112	149	6

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

Year	Value of exports			Copra		Sugar	
	Total	Ten	Others	Quantity	Value	Quantity	Value
	principal						
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	0	0	1,157,932	307,649
1985	4,628,954	1,124,572	3,504,382	0	0	571,596	168,662
1986	4,841,780	1,067,601	3,774,180	125,331	17,600	222,245	86,796
1987	5,720,238	1,121,708	4,598,530	128,688	31,993	162,950	60,316
1988	7,074,190	1,311,415	5,762,775	80,264	27,992	142,597	60,198

Source: National Statistics Office.

PRINCIPAL EXPORTS: 1950 TO 1988
quantity in thousand kilograms)

Bananas		Logs and lumber		Desiccated coconut		Coconut oil	
Quantity	Value	Quantity ¹	Value	Quantity	Value	Quantity	Value
0	0	144,247	10,691	73,050	24,157	69,806	12,482
0	0	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
774,983	121,243	651,759	154,587	95,154	75,293	1,031,213	380,543
866,793	146,013	644,288	157,183	88,078	78,290	792,880	408,066

Table 7.4 - TOTAL EXPORTS AND TEN PRINCIPAL EXPORTS: 1950 to 1988
 (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 ²	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
1987	183,725	86,335	212,068	90,454	184,263	11,832	361,952	109,149
1988	182,840	83,197	274,223	118,015	191,511	16,301	450,330	216,160

1 In thousand bd. ft.

2 In troy ounce.

Source: National Statistics Office.

Figure 7.2 External Trade Exports, 1980 - 1988

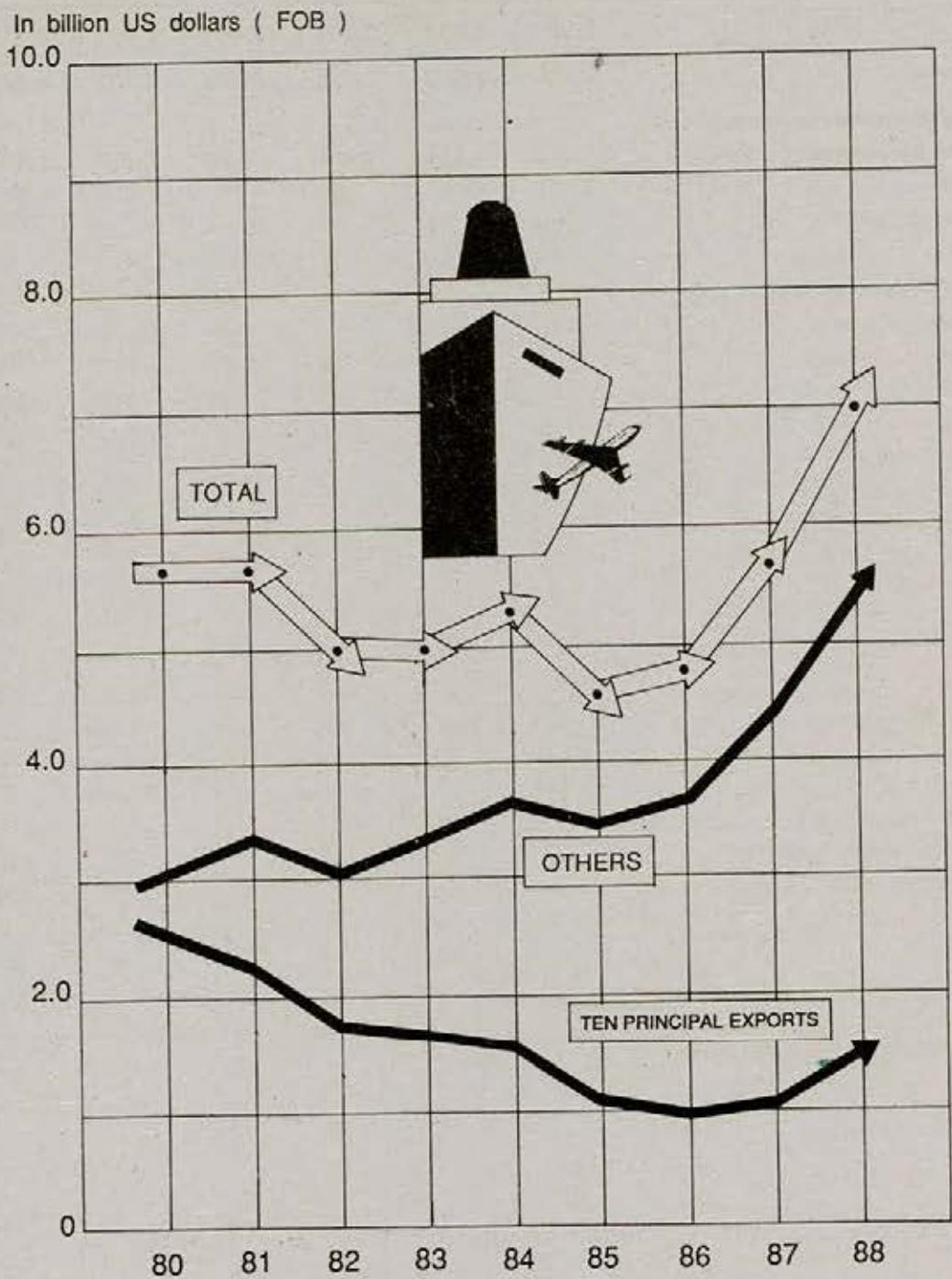


Table 7.5 – EXPORTS OF NON-TRADITIONAL PRODUCTS: 1983 TO 1988
 (F.O.B. value in million U.S. dollars)

Commodity group	1983	1984	1985	1986	1987	1988
Total	2,981	3,438	3,261	3,455	4,271	5,415
Manufactured	2,387	2,992	2,739	2,879	3,702	4,667
<i>Electrical & electronic equipment , parts and telecommunications</i>	1,053	1,329	1,056	919	1,119	1,476
<i>Garments</i>	545	603	623	751	1,098	1,317
<i>Textile yarns/ fabrics</i>	44	38	38	44	68	71
<i>Footwear</i>	55	46	46	31	31	45
<i>Travel goods and handbags</i>	8	6	6	12	16	22
<i>Wood manufactures</i>	53	50	50	49	62	79
<i>Furnitures and fixtures</i>	84	88	88	89	130	184
<i>Chemicals</i>	86	105	105	243	245	256
<i>Copper metal</i>	26	111	111	172	162	295
<i>Non-metallic mineral</i>	26	21	21	18	22	33
<i>Machinery and transport</i>	35	36	36	45	78	54
<i>Processed food and beverages</i>	127	109	109	116	186	184
<i>Miscellaneous manufactured articles</i>	133	137	137	159	199	248
<i>Others</i>	112	313	313	231	286	403
Unmanufactured	549	438	510	568	562	721
<i>Nickel</i>	53	12	64	15	0	0
<i>Iron ore agglomerates</i>	114	105	95	85	76	86
<i>Bananas</i>	105	122	113	130	121	146
<i>Mangoes</i>	99	7	7	8	12	17
<i>Coffee, raw not roasted</i>	47	76	70	119	32	48
<i>Fish, fresh or simply preserved</i>	77	69	99	143	207	307
<i>of which shrimps and prawns</i>	–	–	–	–	155	250
<i>Rice</i>	9	–	–	–	25	0
<i>Others</i>	45	47	62	68	82	90
<i>Special Transactions</i>	45	8	12	8	7	27

Source : Central Bank of the Philippines.

Figure 7.3 External Trade Imports, 1980 - 1988

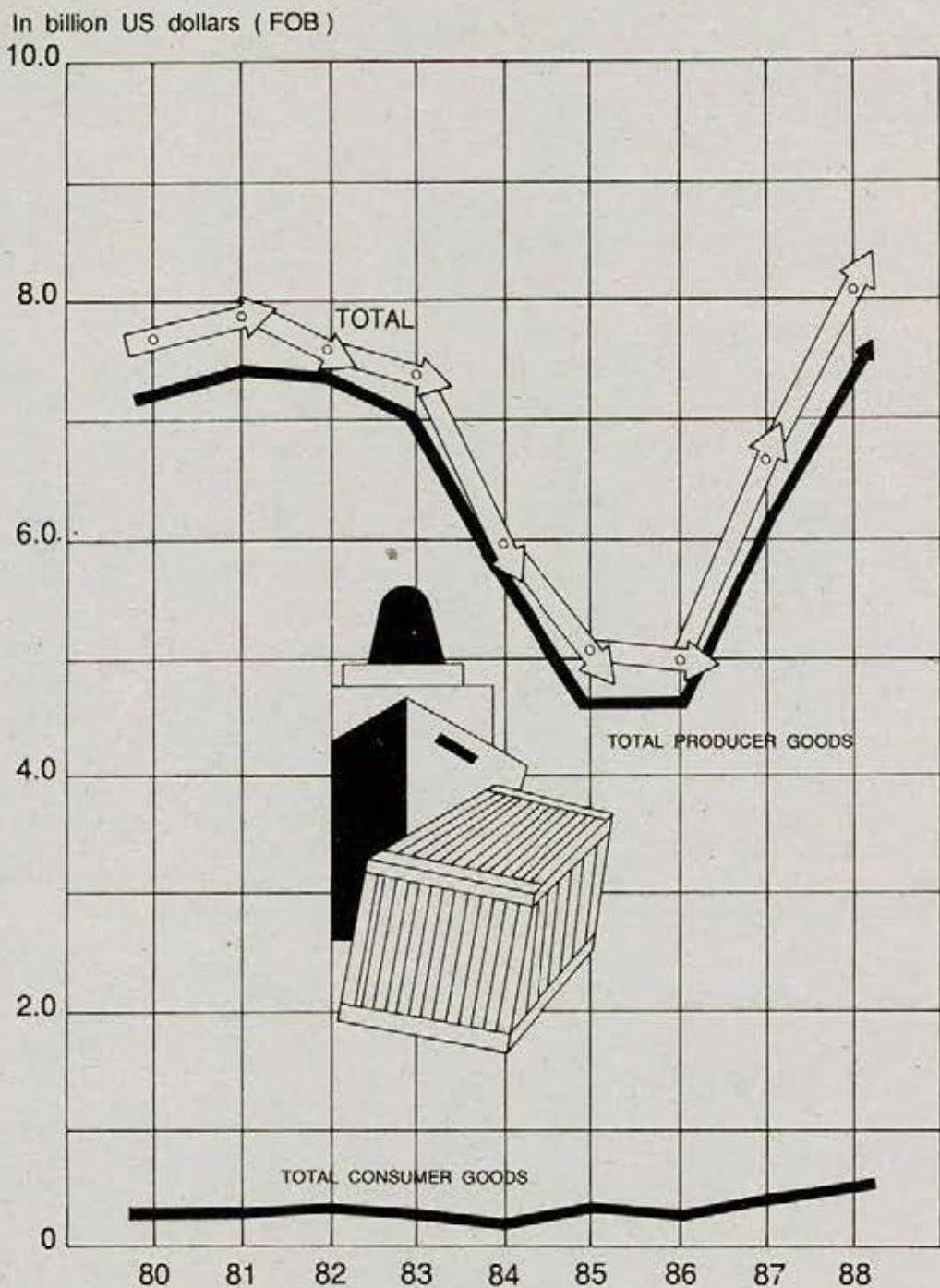


Table 7.6 - IMPORTS BY END
(F.O.B. value in

Year	Total Imports	Total Producer Goods	Machinery and Equipment	Unprocessed Raw Materials
1965	807.6	658.1	151.2	110.0
1970	1,090.1	1,015.5	205.2	158.0
1971	1,185.9	1,079.5	202.9	187.2
1972	1,229.6	1,114.3	196.9	207.6
1973	1,596.6	1,452.0	234.8	275.4
1974	3,143.3	2,913.2	472.3	746.7
1975	3,459.2	3,187.3	675.1	908.3
1976	3,633.5	3,394.6	640.8	1,006.8
1977	3,914.8	3,675.5	544.5	1,074.1
1978	4,732.2	4,442.3	699.8	1,154.9
1979	6,141.7	5,783.1	999.4	1,391.7
1980	7,726.9	7,387.9	1,253.4	2,234.7
1981	7,945.7	7,597.9	1,123.2	2,394.2
1982	7,666.9	7,286.5	898.8	2,088.3
1983	7,486.6	7,160.3	790.1	2,052.0
1984	6,069.6	5,812.6	474.1	1,696.3
1985	5,110.7	4,717.8	317.1	1,503.9
1986	5,043.6	4,728.8	305.2	997.3
1987	6,737.0	6,277.3	453.6	1,359.9
1988	8,159.4	7,590.6	837.4	1,386.3

Source: National Statistics Office.

USE: 1965 TO 1988

(million U.S. dollars)

Semiprocessed Raw Materials	Supplies	Total Consumer Goods	Durable	Non- Durable
353.2	43.7	149.5	7.7	141.8
595.4	56.9	74.6	6.5	68.1
628.5	60.9	106.4	4.5	101.6
647.2	62.6	115.3	4.8	110.8
875.1	66.7	144.6	4.5	139.8
1,491.9	202.3	230.1	9.5	220.6
1,471.2	132.7	271.9	15.2	256.7
1,611.8	135.2	238.9	17.0	221.9
1,856.6	200.3	239.3	18.6	220.7
2,390.2	197.4	289.9	26.2	263.7
2,997.4	394.6	358.6	29.3	329.3
3,300.4	599.4	339.0	28.1	310.9
3,537.4	543.1	347.8	34.1	313.7
3,784.3	515.1	380.4	34.5	345.9
3,763.9	554.3	326.3	35.9	290.4
3,283.0	359.2	257.0	11.9	245.1
2,531.6	365.2	392.9	15.6	377.3
3,104.9	321.4	314.8	20.2	294.6
4,092.8	370.9	459.8	19.8	440.0
4,982.5	384.4	568.9	37.8	531.1

**Table 7.7 – PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES
1905 TO 1988**
(F.O.B. value in thousand U.S. dollars)

Year	Exports			Imports		
	Total	United States	Percent to total	Total	United States	Percent to 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	6,141,751	1,402,459	22.8
1980	5,787,787	1,576,404	27.2	7,726,912	1,785,695	23.1
1981	5,720,396	1,740,476	30.4	7,945,679	1,784,597	22.5
1982	5,020,593	1,576,261	31.4	7,666,918	1,699,138	22.2
1983	5,005,291	1,784,457	35.7	7,486,626	1,739,106	23.2
1984	5,390,646	2,002,629	37.2	6,069,612	1,629,439	26.8
1985	4,628,954	1,618,261	35.0	5,110,673	1,273,288	24.9
1986	4,841,780	1,651,697	34.1	5,043,597	1,252,817	24.8
1987	5,720,238	1,976,191	34.6	6,736,969	1,485,276	22.0
1988	7,074,190	2,432,431	34.4	8,159,378	1,715,032	21.0

Note: Excludes Hawaii and Alaska.

Source: National Statistics Office.

Figure 7.4 Quantum Index and Terms of Trade, 1980 - 1988
(1985 = 100)

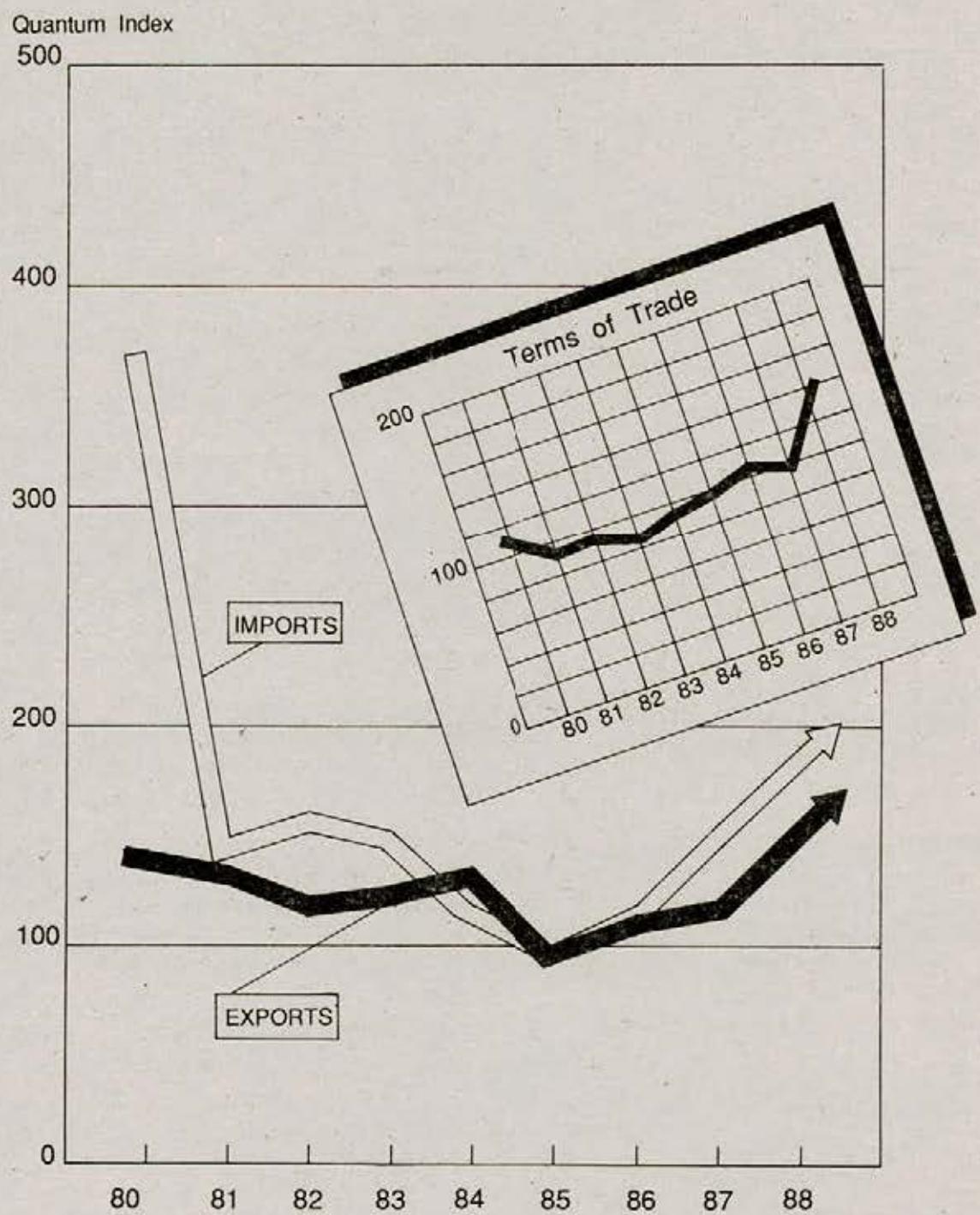


Table 7.8 - QUANTUM, PRICE AND VALUE INDICES, TERMS OF TRADE AND PURCHASING POWER OF EXPORTS: 1950 TO 1988

Period	Quantum Index		Price Index ¹		Value Index		Terms of trade	Purchasing power of exports
	Imports	Exports	Imports	Exports	Imports	Exports		
(1972=100)								
1950	43.6	28.7	60.1	106.1	26.6	30.5	176.5	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
(1985=100)								
1977	133.1	85.8	133.3	103.1	72.1	60.4	77.3	66.4
1978	577.0	109.5	126.9	242.4	85.9	65.7	191.1	209.1
1979	566.5	116.6	141.3	127.7	109.0	90.5	90.3	105.3
1980	366.6	143.2	112.1	126.1	136.2	118.2	112.5	161.1
1981	152.5	137.8	137.5	130.8	151.8	120.3	95.2	131.2
1982	162.4	124.4	122.8	118.8	150.0	105.9	96.8	120.4
1983	155.8	128.2	125.8	112.3	144.5	106.3	89.3	114.4
1984	119.3	138.2	117.0	111.8	116.1	114.9	95.6	132.1
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	119.7	116.6	91.3	100.1	98.5	103.6	109.7	127.9
1987	158.0	124.2	94.0	97.7	130.6	121.2	103.9	129.0
1988	191.3	157.2	82.1	113.9	157.2	179.0	138.7	218.1

Unit values of imports are based on C.I.F. value while those for exports are based on FOB value.

Source: National Statistics Office.

Figure 7.5 Balance of Payments, 1987 and 1988

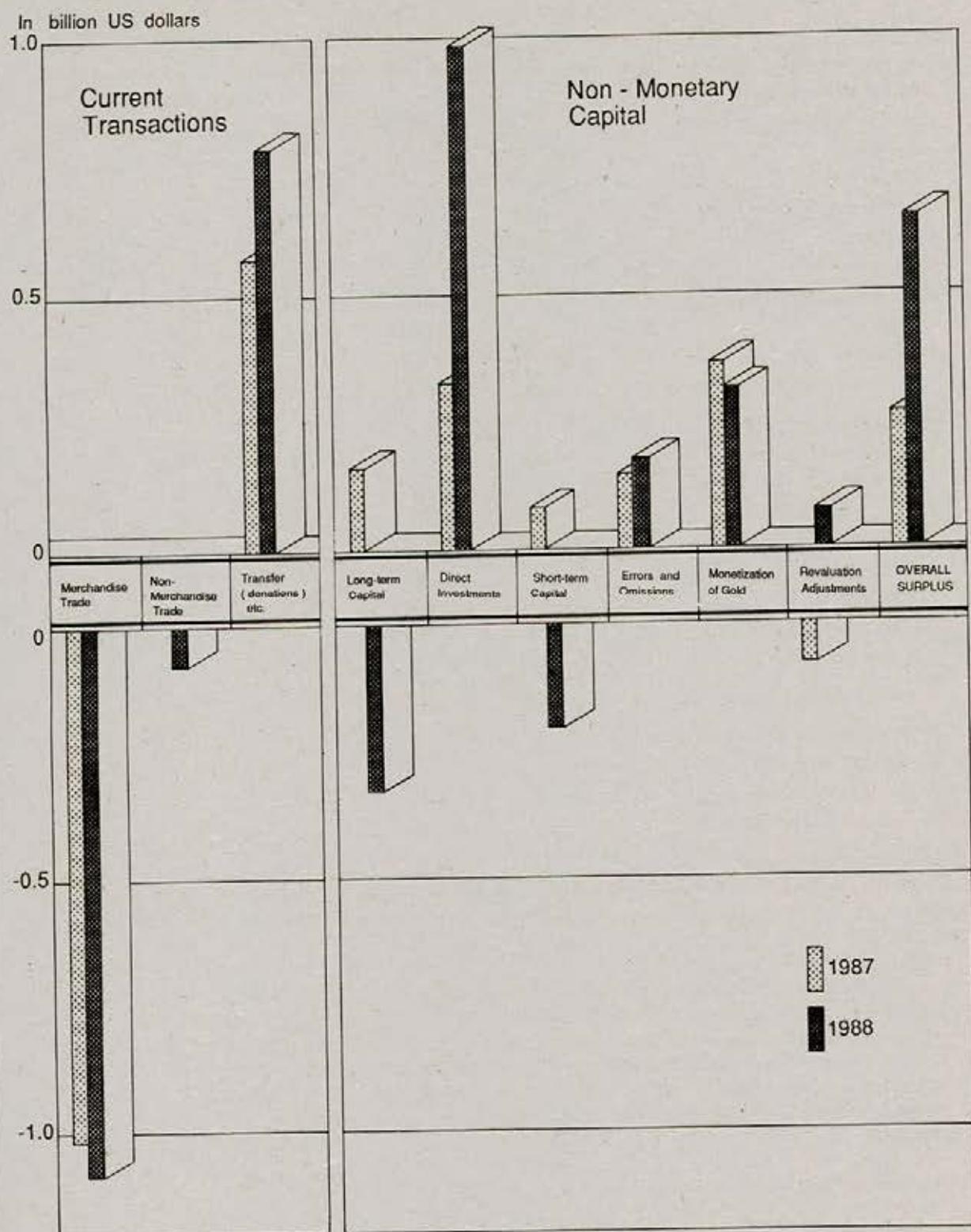


Table: 7.9 - BALANCE OF PAYMENTS:
(In million U.S.)

Item	1975	1976	1977	1978	1979
<i>I. Current transactions</i>					
A. Merchandise trade	(1,165)	(1,060)	(764)	(1,307)	(1,541)
Exports	2,294	2,574	3,151	3,425	4,601
Imports	3,459	3,634	3,915	4,732	6,142
B. Non-merchandise trade	(45)	(259)	(248)	(107)	(311)
Inflow	907	871	1,085	1,484	1,655
Outflow	952	1,130	1,333	1,591	1,966
C. Transfer (donations, etc.)	318	269	260	312	355
Inflow	329	280	273	322	369
Outflow	11	11	13	10	14
Current net inflow, total	(892)	(1,050)	(752)	(1,102)	(1,497)
<i>II. Non-monetary capital</i>					
D. Long-term capital	357	1,040	662	891	1,151
Inflow	677	1,407	1,242	1,850	2,110
Outflow	320	367	580	959	959
E. Direct investments	125	144	216	100	20
Inflow	152	185	236	134	146
Outflow	27	41	20	34	126
F. Short-term capital, net ³	70	(332)	(172)	(90)	(458)
Errors and omissions	(181)	37	210	115	145
Non-monetary capital, total	371	889	916	1,016	858
G. Monetization of gold	-	-	-	32	41
H. Allocation of SDRs	-	-	-	-	28
I. Revaluation Adjustments	-	-	-	-	-
J. Unremittable Arrears	-	-	-	-	-
III. Overall surplus (deficit) ⁴	(521)	(161)	(164)	(54)	(570)

a Based on the new concept of net international reserve computation under the 1983 IMF stand-by agreement.

1 Adjusted for arrears.

2 Preliminary

3 Represent 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.

4 Unrevalued.

Source: Central Bank of the Philippines.

1975 TO 1988

dollars)

1980	1981	1982	1983	1984 ¹	1985 ¹	1986 ¹	1987	1988 ²
(1,939)	(2,224)	(2,646)	(2,482)	(679)	(482)	(202)	(1,017)	(1,085)
5,788	5,722	5,021	5,005	5,391	4,629	4,842	5,720	7,074
7,727	7,946	7,667	7,487	6,070	5,111	5,044	6,737	8,159
(399)	(309)	(1,040)	(740)	(855)	26	783	0	(77)
2,222	2,896	2,983	3,127	2,619	3,288	3,791	3,454	3,606
2,621	3,205	4,023	3,867	3,474	3,262	3,008	3,454	3,683
434	472	486	472	236	379	441	573	789
451	485	498	483	237	388	445	575	791
17	13	12	11	1	9	4	2	2
(1,904)	(2,061)	(3,200)	(2,750)	(1,298)	(77)	1,022	(444)	(373)
1,032	1,332	1,548	1,392	539	2,787	815	159	(329)
1,579	2,072	2,533	2,336	1,308	3,962	2,545	2,598	2,372
547	740	985	944	769	1,175	1,730	2,439	2,701
(102)	175	17	112	(7)	(9)	114	326	986
119	248	194	255	121	124	186	439	1,077
221	73	177	143	128	133	72	113	91
310	(219)	(56)	(618)	623	(1,731)	(814)	80	(205)
126	(214)	(207)	(387)	251	638	(101)	144	174
1,366	1,074	1,302	499	1,406	1,685	14	421	626
128	400	277	183	150	221	279	365	314
29	27	-	-	-	-	-	-	0
-	-	-	-	-	88	(68)	(78)	83
-	-	-	-	-	560	-	-	-
(381)	(560)	(1,621) ^a	(2,068)	258	2,301	1,247	264	650

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 CBP. On the other hand, information on per capita expenditures, which constitute a concrete measure of economic benefits earned, is estimated on the basis of a survey conducted by the Department of Tourism.

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

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Figure 8.1 Number of Visitors, 1980 - 1988

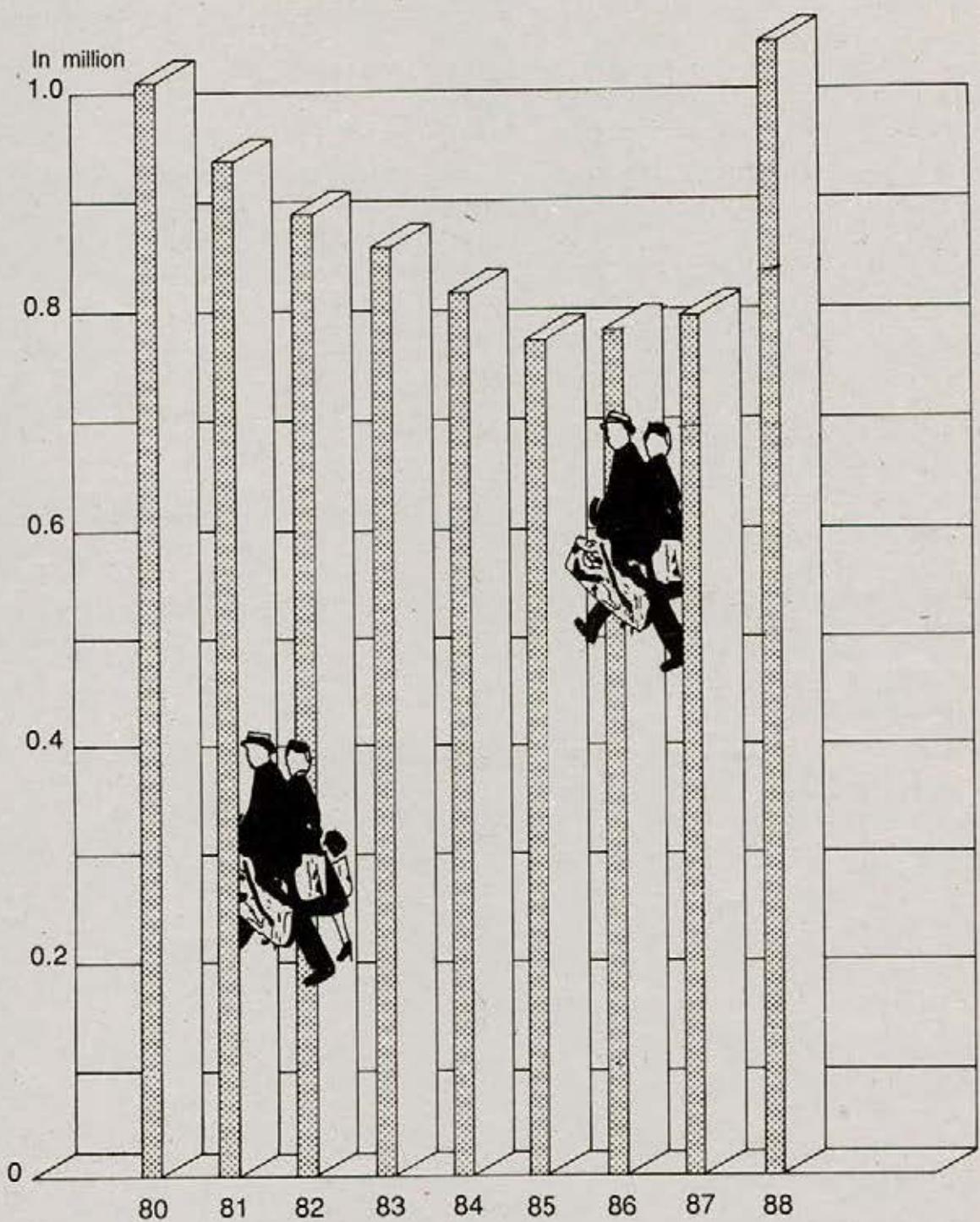


Table 8.1 - NUMBER OF VISITOR ARRIVALS

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	00.00	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
1987	794,700	100.00	197,734	24.88	42,168	5.31
1988	1,043,114	100.00	235,881	22.61	43,573	4.18

BY NATIONALITY: 1955 to 1988

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
76,338	9.61	122,961	15.47	72,750	9.15
118,151	11.33	180,350	17.29	111,705	10.71

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
1987	132,777	16.71	77,282	9.73
1988	181,203	17.37	96,037	9.21

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

BY NATIONALITY: 1955 to 1988 (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
72,600	9.14	90	0.00
76,005	7.29	209	0.01

Table 8.2 – DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1987			1988		
	Total	Air	Sea	Total	Air	Sea
Grand Total	794,700	765,404	29,296	1,034,063	1,014,462	19,600
Asia	227,414	268,565	8,849	409,094	403,646	5,448
<i>East Asia</i>	261,059	252,451	8,608	389,722	384,625	5,097
<i>China (PROC)</i>	2,601	942	1,659	2,060	929	1,131
<i>Hongkong</i>	81,203	80,818	385	133,331	133,284	47
<i>Japan</i>	126,825	124,600	2,225	181,741	180,459	1,282
<i>Korea</i>	14,474	10,201	4,273	16,125	13,791	2,334
<i>Taiwan</i>	35,956	35,890	66	56,465	56,162	303
<i>South Asia</i>	16,355	16,114	241	19,372	19,021	351
<i>Bangladesh</i>	1,168	1,138	30	1,341	1,315	26
<i>India</i>	6,353	6,206	147	5,781	5,525	256
<i>Pakistan</i>	7,469	7,414	55	10,665	10,658	7
<i>Sri Lanka</i>	1,365	1,356	9	1,585	1,523	62
<i>Asean</i>	46,897	45,179	1,718	59,631	58,494	1,137
<i>Brunei</i>	1,907	1,907	0	2,382	2,334	48
<i>Indonesia</i>	5,732	5,324	408	7,250	6,695	555
<i>Malaysia</i>	11,998	11,948	50	16,336	16,097	239
<i>Singapore</i>	17,927	17,865	62	23,754	23,551	203
<i>Thailand</i>	9,333	8,135	1,198	9,909	9,817	92
<i>North America</i>	230,599	219,936	10,663	231,232	225,813	5,419
<i>Canada</i>	19,813	19,216	597	19,730	19,399	331
<i>U.S.A.</i>	210,786	200,720	10,066	211,502	206,414	5,088
<i>Western Europe</i>	90,873	86,372	4,501	109,822	106,217	3,605
<i>Austria</i>	3,041	2,895	146	3,360	3,275	85
<i>Belgium</i>	1,949	1,936	13	2,541	2,509	32
<i>Denmark</i>	2,624	2,550	74	3,398	3,249	149
<i>Finland</i>	582	575	7	1,200	1,095	105
<i>France</i>	6,903	6,772	131	8,004	7,959	45
<i>Germany</i>	23,952	22,096	1,856	27,399	26,667	732
<i>Greece</i>	694	511	183	1,064	689	375
<i>Iceland</i>	713	703	10	908	887	21
<i>Italy</i>	6,026	5,802	224	7,415	7,292	123

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

OF RESIDENCE AND MODE OF TRAVEL: 1987 to 1988

Country of Residence	1987			1988		
	Total	Air	Sea	Total	Air	Sea
Netherlands	4,878	4,649	229	6,109	5,926	183
Norway	1,989	1,836	153	2,411	2,193	218
Portugal	848	824	24	2,019	1,984	35
Spain	1,849	1,830	19	2,403	2,265	138
Sweden	5,643	5,582	61	6,883	6,773	110
Switzerland	8,345	8,277	68	9,993	9,906	87
United Kingdom	20,837	19,534	1,303	24,715	23,548	1,167
Oceania	57,476	55,856	1,620	58,280	57,929	351
Australia	44,184	42,666	1,518	45,349	45,032	317
Guam	10,456	10,456	0	9,582	9,582	0
New Zealand	2,836	2,734	102	3,349	3,315	34
Middle East	25,132	25,064	68	23,772	23,750	22
Iran	246	246	0	306	304	2
Israel	2,990	2,987	3	3,668	3,668	0
Lebanon	468	437	31	0	0	0
Saudi Arabia	20,447	20,447	0	19,778	19,778	0
Egypt	981	947	34	20	0	20
Latin America	1,634	1,370	264	1,705	1,543	162
Argentina	511	507	4	295	288	7
Brazil	418	406	12	688	654	34
Mexico	629	381	248	596	483	113
Venezuela	76	76	0	126	118	8
Eastern Europe	1,399	474	925	1,499	848	651
Poland	168	86	82	191	143	48
U.S.S.R.	1,032	228	804	1,079	513	566
Yugoslavia	199	160	39	229	192	37
Africa	420	400	20	333	329	4
South Africa	223	203	20	92	88	4
Nigeria	197	197	0	241	241	0
Others	0	0	0	105,531	105,530	1
Unspecified residence	62,856	62,188	668	33,164	30,363	2,801

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	751,601	37,474	32,147	139,286
1987	765,368	41,428	33,972	132,998
<i>Asean</i>	45,143	1,512	1,497	7,983
<i>Brunei</i>	1,907	133	59	370
<i>Indonesia</i>	5,324	213	277	707
<i>Malaysia</i>	11,912	384	376	2,409
<i>Singapore</i>	17,865	580	488	2,839
<i>Thailand</i>	8,135	202	297	1,658
<i>Australia</i>	42,666	2,682	1,635	6,324
<i>Hong Kong</i>	80,818	3,296	3,775	25,247
<i>Japan</i>	124,600	2,668	2,677	24,615
<i>North America</i>	219,936	19,680	15,139	26,212
<i>Canada</i>	19,216	1,636	1,394	2,443
<i>U.S.A.</i>	200,720	18,044	13,745	23,769
<i>Taiwan</i>	35,890	828	1,064	4,862
<i>Western Europe</i>	86,372	4,217	2,436	17,131
<i>France</i>	6,772	220	180	1,268
<i>W. Germany</i>	22,096	1,255	459	3,894
<i>Italy</i>	5,802	218	150	916
<i>Spain</i>	1,830	90	77	227
<i>Switzerland</i>	8,277	302	129	2,381
<i>United Kingdom</i>	19,534	1,188	793	3,355
<i>Other Western Europe</i>	22,061	944	648	5,090
<i>Others and Unspecified</i>				
<i>Residences</i>	129,943	6,545	5,749	20,624

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

BY MAJOR TRAVEL MARKET AND AGE GROUP : 1980 to 1987

Group				Not reported
30-39	40-49	50-59	60 & above	
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
198,823	164,366	91,332	65,753	36,696
16,143	11,012	4,109	1,208	1,679
741	355	100	37	112
1,530	1,484	780	197	136
4,548	2,687	825	261	422
6,766	4,478	1,622	474	618
2,558	2,008	782	239	391
10,747	10,350	6,049	3,663	1,216
24,845	12,611	6,134	3,090	1,820
37,095	32,109	15,512	6,970	2,954
46,936	48,020	29,383	28,840	5,726
4,313	4,392	2,248	2,235	555
42,623	43,628	27,135	26,605	5,171
10,681	7,389	5,832	4,481	753
23,947	21,108	10,686	4,962	1,885
2,048	1,650	769	469	168
6,121	5,979	2,747	1,206	435
1,560	1,482	841	439	196
453	481	263	178	61
2,337	1,571	912	480	165
5,480	4,693	2,609	1,011	405
5,948	5,252	2,545	1,179	455
28,429	21,767	13,627	12,539	20,663

Table 8.4 - DISTRIBUTION OF AIR VISITOR ARRIVAL

Travel Market	Total	Age		
		Under 15	15-19	20-24
<i>Asean</i>	58,534	2,720	1,172	3,613
<i>Brunei</i>	2,334	162	49	132
<i>Indonesia</i>	6,695	364	166	340
<i>Malaysia</i>	16,097	715	371	1,312
<i>Singapore</i>	23,591	1,103	363	1,100
<i>Thailand</i>	9,817	376	223	729
<i>East Asia</i>	180,459	5,055	2,627	15,137
<i>Japan</i>	133,284	8,544	3,174	18,612
<i>Hongkong</i>	13,791	558	211	516
<i>Korea</i>	56,162	2,050	707	2,843
<i>Taiwan</i>				
<i>South Asia</i>				
<i>India</i>	5,525	386	206	334
<i>North America</i>	225,813	27,048	8,134	18,931
<i>Canada</i>	19,399	2,351	604	947
<i>USA</i>	206,414	24,697	7,530	17,984
<i>Oceania</i>	48,347	3,667	990	2,650
<i>Australia</i>	45,032	3,482	919	2,412
<i>New Zealand</i>	3,315	185	71	238
<i>Western Europe</i>	96,873	5,991	1,660	7,617
<i>France</i>	7,959	363	155	515
<i>West Germany</i>	26,667	1,767	330	1,732
<i>Italy</i>	7,292	338	116	387
<i>Spain</i>	2,265	147	47	91
<i>Switzerland</i>	9,906	466	121	1,023
<i>United Kingdom</i>	23,548	1,907	413	1,629
<i>Other W. Europe</i>	19,236	1,003	478	2,240

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

BY MAJOR TRAVEL MARKET AND AGE GROUP: 1988

Group					
25-34	35-44	45-54	55-64	65 & Above	Not Stated
18,450	18,214	8,834	2,767	568	2,196
832	642	245	95	21	156
1,524	1,977	1,548	524	107	145
5,626	4,809	2,021	504	125	614
7,759	7,874	3,319	1,060	231	782
2,709	2,912	1,701	584	84	499
44,077	59,024	32,180	13,319	4,554	4,486
51,722	27,630	11,633	6,382	2,152	3,435
3,554	4,087	2,785	1,225	472	383
15,824	16,061*	9,088	5,963	2,349	1,277
1,279	1,408	1,055	511	128	218
45,148	51,458	34,681	19,766	12,780	7,867
3,215	5,177	3,266	1,826	1,460	553
41,933	46,281	31,415	17,940	11,320	7,314
9,948	13,280	9,333	5,145	1,772	1,562
9,174	12,368	8,695	4,847	1,683	1,452
774	912	638	298	89	110
25,154	25,475	18,664	7,538	2,585	2,189
2,214	2,311	1,333	647	227	194
6,731	6,794	6,158	1,957	672	526
1,822	1,959	1,543	692	187	248
495	647	445	213	92	88
3,321	2,327	1,517	701	227	203
5,808	6,403	4,376	1,913	543	556
4,763	5,034	3,292	1,415	637	374

Table 8.5 – DISTRIBUTION OF AIR VISITOR ARRIVALS

Year/Travel Market	Total	Purpose	
		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	765,404	510,712	99,626
1985	743,747	511,654	87,500
1986	751,401	507,292	91,545
1987	765,404	510,712	99,626
1988	818,788	565,620	108,388
<i>Asean</i>	58,534	33,632	11,824
<i>Brunei</i>	2,334	1,610	251
<i>Indonesia</i>	6,695	2,590	958
<i>Malaysia</i>	16,097	11,148	2,094
<i>Singapore</i>	23,591	13,901	7,212
<i>Thailand</i>	9,817	4,383	1,309
<i>East Asia</i>	383,696	310,389	42,089
<i>Japan</i>	180,459	149,127	16,612
<i>Hongkong</i>	133,284	112,383	14,728
<i>Korea</i>	13,791	6,173	3,057
<i>Taiwan</i>	56,162	42,706	7,692
<i>South Asia</i>			
<i>India</i>	5,525	2,975	727
<i>North America</i>	225,813	112,406	27,741
<i>Canada</i>	19,399	14,730	1,885
<i>United States of America</i>	206,414	97,676	25,856
<i>Oceania</i>	48,347	36,234	8,017
<i>Australia</i>	45,032	34,045	7,303
<i>New Zealand</i>	3,315	2,189	714
<i>Western Europe</i>	96,873	69,984	17,990
<i>France</i>	7,959	5,182	1,926
<i>West Germany</i>	26,667	20,482	4,090
<i>Italy</i>	7,292	5,012	1,388
<i>Spain</i>	2,265	1,494	354
<i>Switzerland</i>	9,906	8,282	943
<i>United Kingdom</i>	23,548	15,909	5,510
<i>Other Western Europe</i>	19,236	13,623	3,779

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

BY MAJOR TRAVEL MARKET AND PURPOSE OF TRAVEL: 1980 to 1988

Official Mission	Travel			Not Reported
	Convention	Health	Others	
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
20,934	8,338	4,703	65,603	55,488
19,565	7,828	5,154	54,860	57,186
19,123	9,009	4,739	60,489	59,204
20,934	8,338	4,703	65,603	55,488
36,427	7,653	3,389	69,277	28,034
4,628	2,566	72	4,241	1,571
176	82	1	165	49
1,023	572	25	1,228	299
685	737	32	1,024	377
687	605	9	781	396
2,057	570	5	1,043	450
4,470	1,808	317	10,557	14,066
2,779	643	173	5,075	6,050
323	512	78	1,555	3,705
956	364	38	2,150	1,053
412	289	28	1,777	3,258
465	287	16	832	223
24,617	1,656	2,736	46,432	10,225
248	149	109	1,892	386
24,369	1,507	2,627	44,540	9,839
504	571	75	2,549	397
455	489	67	2,298	375
49	82	8	251	22
1,743	765	173	4,666	1,552
228	102	6	421	94
424	93	49	1,144	385
154	67	13	412	246
87	65	8	169	88
220	51	50	246	114
325	209	12	1,215	368
305	178	35	1,059	257

Table 8.6 - ESTIMATED TOURIST RECEIPTS : 1970 to 1988

Year	Number of visitor arrivals ¹ (actual)	Average length of stay ² (days)	Total tourist receipts (thousand U.S. dollars)
1970	144,071	7.3	94,730
1971	144,321	7.3	65,930
1972	166,431	7.3	121,970
1973	242,811	7.8	76,900
1974	410,138	7.8	58,180
1975	502,211	7.8	109,630
1976	615,159	8.1	93,060
1977	730,123	9.5	130,850
1978	859,396	11.0	21,050
1979	966,873	9.6	238,010
1980	1,008,159	8.4	319,740
1981	938,953	8.2	343,720
1982	990,807	8.8	450,140
1983	860,550	8.7	464,750
1984	816,712	8.2	366,250
1985	773,074	9.1	507,000
1986	781,517	9.0	647,060
1987	794,700	8.9	458,000
1988	1,043,114	12.6	405,000

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

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

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

Table 8.7 - AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1978 to 1988

Year	Total	Hotel Category				
		5-Star	4-Star	3-Star	2-Star	1-Star
<i>Average number of rooms</i>						
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
1987	8,487	5,578	805	1,372	363	369
1988	8,587	5,605	861	1,341	382	398
<i>Average occupancy rate</i>						
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
1987	66	70	58	59	56	53
1988	73	78	66	67	56	52

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

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 NSO. The HIS publishes in its annual report, the Philippine Health Statistics, such data as the number and rate of total births, deaths, infant and maternal mortality by region, province, or city, infant mortality by cause of death, age, and sex by region, maternal mortality by main causes and by region, and notifiable diseases by age and sex.

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

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

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

Other government agencies under the Department of Health which compile medical services and health statistics are the Bureau of Medical Services, the Bureau of Dental Services and the Bureau of Quarantine. Such important characteristics as the number of hospitals and hospital beds by type of institutions, etc., are compiled by the Bureau of Licensing and Regulations by provinces 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 Economics and Social Statistics Office of the NSCB prepares and publishes these data through its Food Balance Series.

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Table 9.1 - NUMBER OF REGISTERED MARRIAGES
(Rates per

Year	Philippines		Metropolitan		Region 1		Region 2	
			Manila Area					
			(National Capital Region)					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	143,048	5.2	a	0.0	11,460	4.7	4,964	4.1
1965	184,268	5.8	a	0.0	16,397	6.0	7,311	5.1
1970	255,873	6.9	a	0.0	20,111	6.7	9,707	5.7
1971	252,731	6.7	a	0.0	21,800	7.1	10,000	5.7
1972	248,261	6.4	a	0.0	21,008	6.7	11,143	6.2
1973	263,338	6.6	a	0.0	21,490	6.8	9,947	5.4
1974	287,984	7.0	a	0.0	21,485	6.6	11,429	6.1
1975	299,514	7.1	a	0.0	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	55,950	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
1985	378,550	6.9	63,660	9.1	26,638	6.8	17,467	6.9
1986	389,482	6.9	63,187	8.8	27,197	6.8	17,976	7.0
1987	400,760	6.9	68,293	9.3	28,107	6.9	17,362	6.6

AND RATE BY REGION: 1960 to 1987

(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 b	6.6	10,380	4.4	14,341	4.6	16,686	6.6
22,441	7.2	51,171 b	7.5	13,980	5.2	15,373	4.6	16,813	6.0
30,542	8.2	78,928 b	9.4	16,828	5.6	21,776	6.0	20,912	6.9
31,563	8.2	71,893 b	8.3	16,384	5.4	23,095	6.3	21,425	6.9
30,754	7.7	71,826 b	8.0	15,137	4.9	22,352	6.0	20,542	6.5
31,621	7.7	74,223 b	8.0	20,307	6.5	23,940	6.3	21,280	6.6
33,078	7.8	76,495 b	7.9	22,495	7.1	25,936	6.8	25,574	7.8
37,020	8.5	83,676 b	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
46,849	8.5	54,516	7.9	25,981	6.6	28,680	5.6	26,886	6.2
46,783	8.4	55,057	7.6	24,425	6.1	32,823	6.3	30,311	7.1
47,605	8.3	56,262	7.5	24,597	6.0	33,404	6.3	31,388	7.2

**Table 9.1 – NUMBER OF REGISTERED MARRIAGES AND RATE BY REGION:
1960 to 1987 (Rates per 1,000 population) (continued)**

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
1985	15,237	5.0	13,271	4.6	21,298	6.7	27,740	7.2	10,927	4.2
1986	16,665	5.3	14,084	4.8	22,538	6.9	27,511	7.0	10,925	4.1
1987	16,623	5.2	13,986	4.7	23,709	7.1	28,784	7.1	10,640	3.9

a Included in Region 4.

b Including Metropolitan Manila Area (NCR).

Source: National Statistics Office.

Figure 9.1 Number of Registered Marriages, Philippines, 1980 - 1987

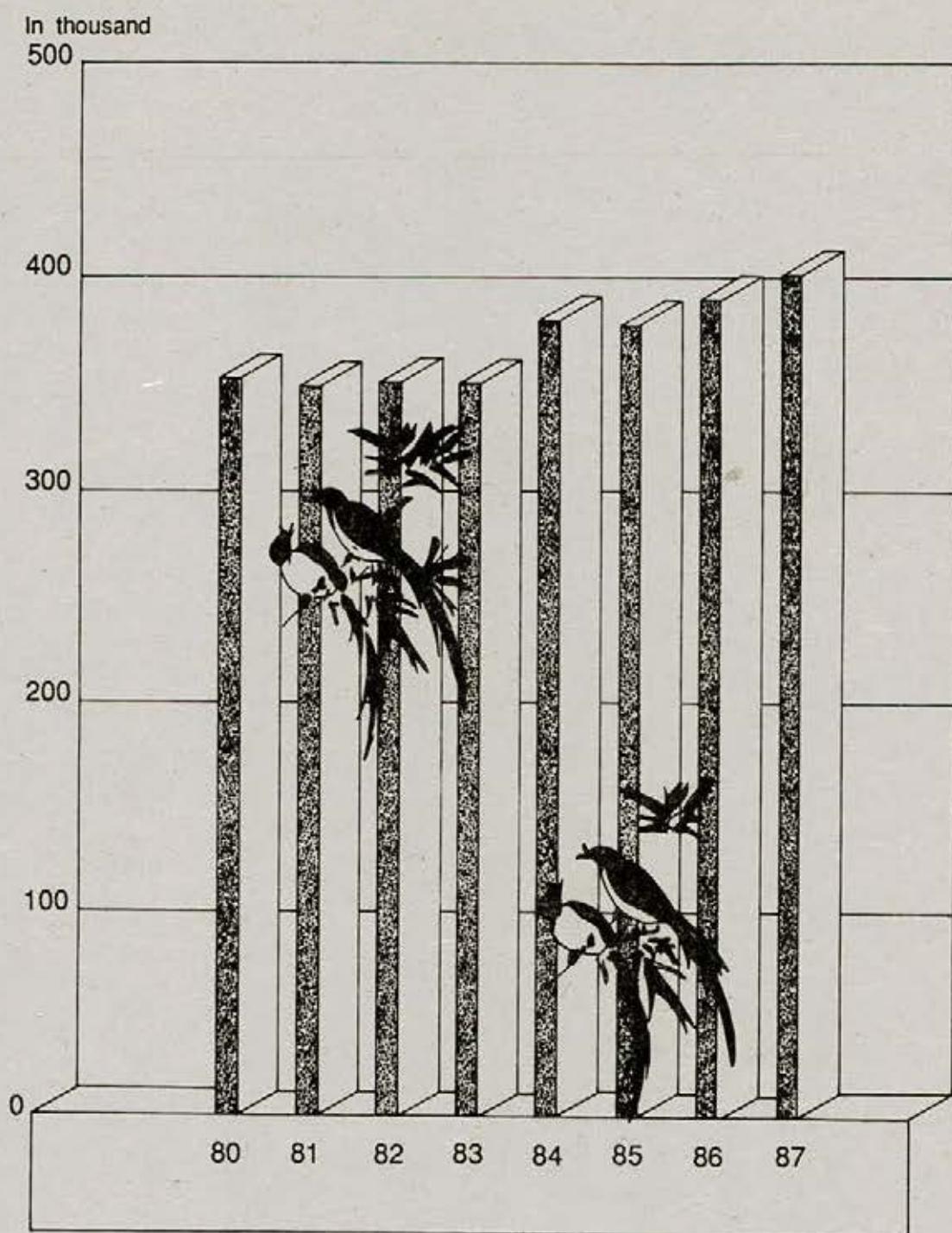
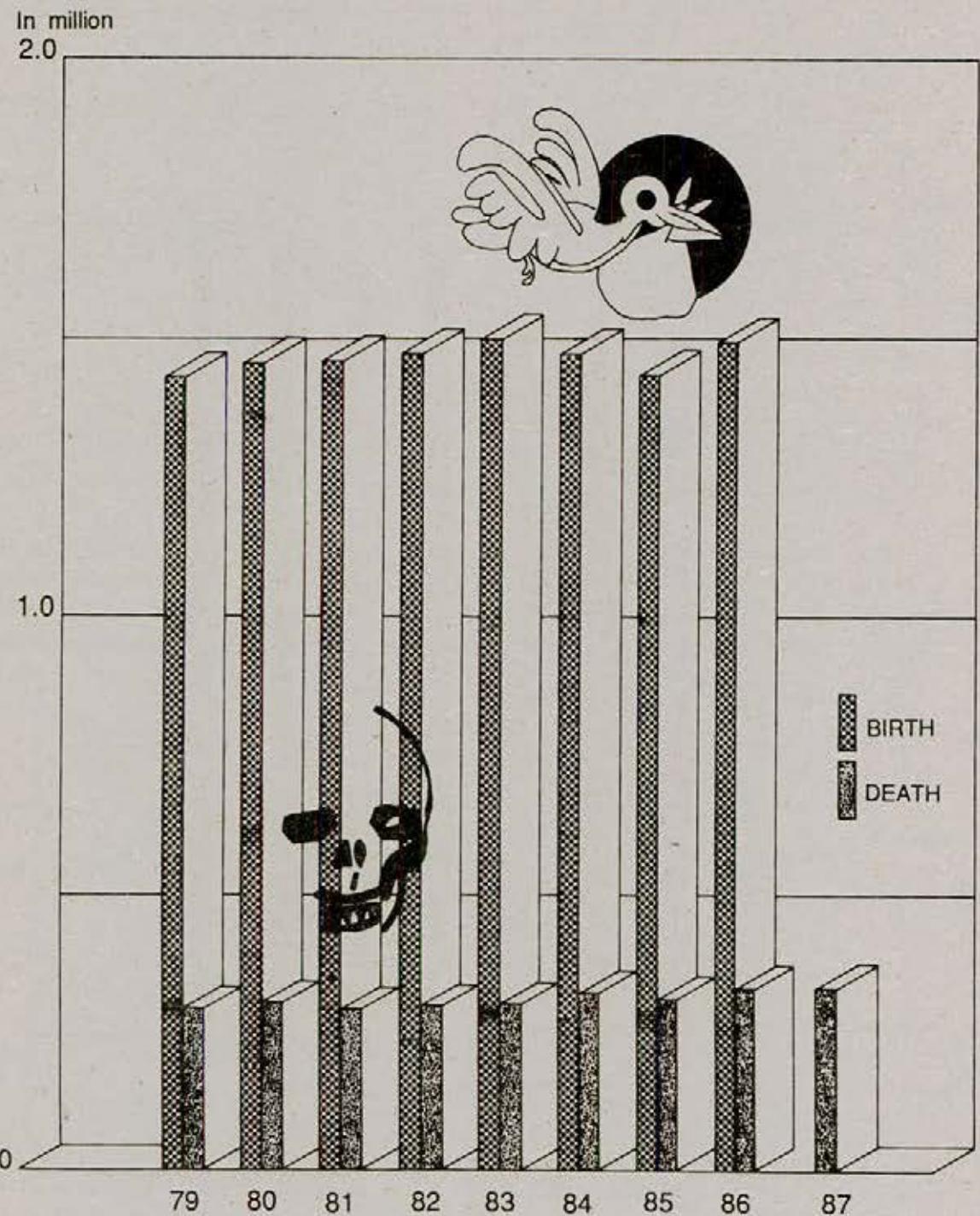


Figure 9.2 Number of Livebirths and Deaths, 1979 - 1987



**Table 9.2 – LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR,
MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES: 1950 to 1987**

Year	Births		Total Deaths		Deaths under 1 year		Maternal deaths		Foetal deaths	
	Crude Number	Rate ¹	Crude Number	Rate	Number	Rate ²	Number	Rate ²	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	1,456,880	30.3	298,006	6.2	65,700	45.1	1,609	1.1	13,965	9.6
1981	1,461,204	29.5	301,117	6.1	64,415	44.1	1,542	1.1	13,343	9.1
1982	1,474,491	29.1	308,758	6.1	61,665	41.8	1,425	1.0	13,465	9.1
1983	1,506,356	28.9	327,260	6.3	64,267	42.7	1,502	1.0	14,780	9.8
1984	1,475,844	27.7	313,359	5.9	56,897	38.6	1,379	0.9	11,884	8.1
1985	1,437,154	26.3	334,663	6.1	54,613	38.0	1,489	1.0	8,948	6.2
1986	1,493,995	26.7	326,749	6.0	52,263	35.0	1,573	1.1	8,400	5.6
1987	...	...	335,254	6.0	5,080	...	1,611	...	10,515	...

1 Per 1,000 Population.

2 Per 1,000 live births.

Source: Health Intelligence Service, Department of Health, CY 1950-55.

National Statistics Office, CY 1960-1987.

Table 9.3 - NUMBER OF REGISTERED LIVE
(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
	1950	642,472	31.7	a	0.0	81,079	38.0
1955	737,761	31.2	a	0.0	81,974	34.6
1960	649,651	23.7	a	0.0	77,102	31.5
1965	795,415	25.0	a	0.0	84,347	31.0
1970	966,762	26.2	a	0.0	94,644	31.5
1971	963,749	25.5	a	0.0	97,234	31.8
1972	968,385	24.9	a	0.0	96,026	30.8
1973	1,049,290	26.3	a	0.0	97,723	30.8
1974	1,081,073	26.3	a	0.0	95,964	29.7
1975	1,223,837	29.1	a	0.0	100,606	30.6
1976	1,314,860	30.1	181,590	33.6	107,745	32.3
1977	1,344,836	30.3	198,018	36.3	108,433	32.0
1978	1,387,588	30.5	194,605	34.4	118,154	34.3
1979	1,429,814	30.3	210,395	36.5	113,838	32.5
1980	1,456,860	30.3	217,612	36.9	115,920	32.8
1981	1,461,204	29.5	221,533	36.1	119,083	33.0
1982	1,474,491	29.0	221,564	34.9	119,972	32.6
1983	1,506,356	28.9	224,058	34.3	120,325	32.0
1984	1,475,844	27.7	225,795	33.5	119,663	31.3
1985	1,437,154	26.3	217,355	31.3	113,798	29.2
1986	1,493,995	26.7	229,534	32.1	116,808	29.4

BIRTHS AND RATE BY REGION: 1950 to 1986*(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 ^b	37.7	62,124	35.2
37,543	43.1	80,699	35.7	182,805 ^b	39.3	63,303	30.7
33,564	27.6	77,157	29.7	200,647 ^b	35.9	50,996	21.4
37,178	25.8	91,103	29.1	250,038 ^b	36.6	63,617	23.8
48,590	28.6	113,881	30.5	288,997 ^b	34.6	74,048	24.8
51,093	29.4	113,008	29.3	290,958 ^b	33.6	71,918	23.8
51,105	28.7	115,311	29.0	290,100 ^b	32.3	76,801	25.0
55,679	30.5	120,072	29.3	303,370 ^b	32.6	87,206	27.9
55,385	29.6	121,159	28.6	301,081 ^b	31.3	88,882	28.0
64,128	33.2	138,770	31.7	318,680 ^b	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
71,079	28.2	153,359	28.1	202,131	28.5	109,936	28.0
71,988	27.9	159,498	28.5	208,917	28.7	109,973	27.4

**Table 9.3 – NUMBER OF REGISTERED LIVE
(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
1985	98,289	19.3	112,124	26.7	54,143	17.6
1986	105,232	20.2	118,954	27.8	57,651	18.4

a Included in Region 4.

b Including Metropolitan Manila(National Capital Region).

Source: National Statistics Office.

BIRTHS AND RATE BY REGION: 1950 to 1986
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
53,693	18.8	90,159	28.4	113,574	29.6	47,514	18.3
55,824	19.1	92,657	28.4	118,243	30.1	48,716	18.3

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
			a	0.0	26,703	1.2
1950	226,505	11.2	a	0.0	22,873	9.6
1955	212,798	9.0	a	0.0	20,709	8.5
1960	186,544	7.2	a	0.0	24,022	8.8
1965	234,935	7.4	a	0.0	22,441	7.5
1970	234,038	6.4	a	0.0	24,246	7.9
1971	250,209	6.6	a	0.0	27,260	8.8
1972	285,761	7.3	a	0.0	26,334	8.3
1973	282,140	7.1	a	0.0	26,267	8.1
1974	283,975	6.9	a	0.0	25,008	7.6
1975	271,136	6.4	a	0.0	24,972	7.5
1976	299,861	6.9	42,003	7.8	25,876	7.6
1977	308,904	2.0	49,770	9.1	25,602	7.4
1978	297,034	6.5	40,468	7.2	26,718	7.6
1979	306,427	6.5	42,888	7.4	25,869	7.3
1980	298,006	6.2	42,277	7.2	26,503	7.3
1981	301,117	6.1	42,560	6.9	27,378	7.4
1982	308,758	6.1	44,833	7.1	28,063	7.5
1983	327,260	6.3	45,897	7.0	28,750	7.5
1984	313,359	5.9	44,617	6.6	30,346	7.8
1985	334,663	6.1	48,704	7.0	29,203	7.4
1986	326,749	5.8	44,532	6.2	28,393	7.0
1987	335,254	5.8	51,606	7.0		

AND RATE BY REGION: 1950 to 1987
(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 ^b	11.7	19,892	11.3
11,333	13.0	21,652	9.6	42,403 ^b	9.1	18,713	9.1
12,174	10.0	10,291	7.8	47,543 ^b	8.5	18,476	7.7
12,847	8.9	23,468	7.5	56,240 ^b	8.2	21,075	7.9
11,211	6.6	23,163	6.2	61,235 ^b	7.8	19,507	6.5
12,491	7.2	24,091	6.2	66,831 ^b	7.7	22,314	7.4
14,606	8.2	28,260	7.1	76,256 ^b	8.5	24,108	7.8
15,768	8.6	26,831	6.5	67,964 ^b	7.3	27,978	9.0
15,403	8.2	26,830	6.3	71,416 ^b	7.4	24,702	7.8
14,234	7.4	26,647	6.1	68,239 ^b	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
15,290	6.2	29,595	5.6	41,445	6.0	24,531	6.4
15,084	6.0	33,151	6.1	44,758	6.3	25,929	6.6
15,923	6.2	31,686	5.7	45,917	6.3	26,913	6.7
15,274	5.8	31,675	5.5	47,334	6.3	29,820	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
1984	31,888	6.4	27,433	6.7	18,394	6.1
1985	35,117	6.9	28,612	6.8	19,532	6.4
1986	32,301	6.2	28,831	6.7	18,018	5.8
1987	32,959	6.2	28,538	6.5	18,460	5.8

a Included in Region 4.

b Including Metropolitan Manila Area (National Capital Region)

Source: National Statistics Office.

AND RATE BY REGION: 1950 TO 1987 (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
9,614	3.4	16,545	5.3	17,545	4.7	7,712	3.1
10,811	3.8	17,330	5.4	17,214	4.5	8,075	3.1
10,425	3.6	17,503	5.4	17,864	4.5	7,624	2.9
9,786	3.3	16,287	4.9	17,754	4.4	7,368	2.7

Table 9.5 - MORTALITY: ALL CAUSES

Age Group	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both Sexes	Male	Female	Both Sexes	Male	Female
	All Ages	335,252	197,275	137,977	51,606	30,761	20,845
<i>Under 1 year</i>	50,803	29,367	21,436	8,394	4,853	3,541
<i>1- 4 years</i>	42,469	22,485	19,984	6,219	3,268	2,951
<i>5- 9 years</i>	12,059	6,751	5,308	1,118	626	492
<i>10-14 years</i>	5,657	3,144	2,513	608	337	271
<i>15-19 years</i>	7,659	4,987	2,672	1,156	724	432
<i>20-24 years</i>	10,538	7,418	3,120	1,986	1,464	522
<i>25-29 years</i>	11,361	8,237	3,559	2,212	1,650	560
<i>30-34 years</i>	11,284	7,773	3,511	2,154	1,542	612
<i>35-39 years</i>	11,762	8,059	3,703	1,975	1,416	559
<i>40-44 years</i>	11,020	7,346	3,674	1,876	1,250	626
<i>45-49 years</i>	12,776	8,608	4,168	2,123	1,424	699
<i>50-54 years</i>	14,754	9,628	5,126	2,392	1,545	847
<i>55-59 years</i>	15,524	10,204	5,320	2,632	1,727	905
<i>60-64 years</i>	17,451	10,860	6,591	2,927	1,835	1,092
<i>65-69 years</i>	18,743	11,123	7,620	3,033	1,738	1,295
<i>70-74 years</i>	20,681	11,630	9,051	2,927	1,591	1,336
<i>75-79 years</i>	20,926	11,151	9,775	2,896	1,472	1,424
<i>80-84 years</i>	17,264	8,527	8,737	2,100	984	1,116
<i>85 years and over</i>	22,507	10,220	12,287	2,880	1,315	1,565
<i>Not stated</i>	15	10	5	0	0	0

BY AGE, SEX AND BY REGION: 1987

Region 1			Region 2			Region 3		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
28,393	16,188	12,205	15,274	9,005	6,269	31,675	18,428	13,247
3,955	2,358	1,597	2,739	1,564	1,175	4,472	2,578	1,894
3,109	1,609	1,500	2,071	1,047	1,024	3,154	1,678	1,476
813	428	385	583	317	266	973	547	426
373	225	148	284	163	121	510	293	217
549	341	208	371	240	131	702	480	222
700	497	203	513	344	169	912	605	307
803	568	235	545	382	163	1,034	692	342
826	556	270	532	379	153	980	632	348
878	607	271	579	392	187	1,096	725	371
881	601	280	484	323	161	1,042	677	365
1,035	680	355	595	416	179	1,157	755	402
1,146	742	404	678	448	230	1,504	950	554
1,222	817	405	650	451	199	1,632	1,051	581
1,398	883	515	709	429	280	1,747	1,104	643
1,607	977	630	734	431	303	1,903	1,158	745
1,842	1,002	840	784	460	324	2,164	1,208	956
2,076	1,046	1,030	775	434	341	2,226	1,210	1,016
2,012	908	1,104	693	341	352	1,877	960	917
3,165	1,343	1,822	955	444	511	2,589	1,124	1,465
3	0	3	0	0	0	1	1	0

Table 9.5 - MORTALITY: ALL CAUSES

Age Group	Region 4			Region 5		
	Both Sexes			Both Sexes		
		Male	Female		Male	Female
All Ages	47,334	27,776	19,558	29,820	17,191	12,629
Under 1 year	7,594	4,434	3,160	4,718	2,690	2,028
1- 4 years	6,644	3,483	3,161	5,921	3,125	2,796
5- 9 years	1,705	968	737	1,616	842	774
10-14 years	760	396	364	575	319	256
15-19 years	954	611	343	698	440	258
20-24 years	1,375	939	436	802	517	285
25-30 years	1,501	1,031	470	796	524	272
30-34 years	1,502	1,025	477	804	496	308
35-39 years	1,518	1,006	512	900	590	310
40-44 years	1,494	991	503	817	503	314
45-49 years	1,649	1,153	496	896	586	310
50-54 years	2,039	1,385	654	1,037	696	341
55-59 years	2,160	1,442	718	1,148	791	357
60-64 years	2,349	1,483	866	1,307	852	455
65-69 years	2,627	1,580	1,047	1,377	797	580
70-74 years	2,921	1,655	1,266	1,682	964	718
75-79 years	3,065	1,610	1,455	1,605	897	708
80-84 years	2,395	1,198	1,197	1,446	752	694
85 years and over	3,077	1,381	1,696	1,675	810	865
Not stated	5	5	0	0	0	0

BY AGE, SEX AND BY REGION: 1987 (continued)

Region 6			Region 7			Region 8		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
32,959	19,623	13,336	28,538	15,934	12,604	18,458	10,752	7,706
4,496	2,592	1,904	4,034	2,294	1,740	2,380	1,355	1,025
3,184	1,757	1,427	2,860	1,527	1,333	2,922	1,557	1,365
1,119	626	493	956	553	403	1,012	555	457
583	313	270	481	273	208	379	213	166
763	508	255	605	408	197	417	274	143
983	734	249	735	480	255	551	386	165
1,039	765	274	792	541	251	592	380	212
1,073	794	279	784	511	273	526	333	193
1,270	928	342	872	531	341	594	411	183
1,093	749	344	939	603	336	554	365	189
1,382	960	422	1,012	620	392	660	436	224
1,509	995	514	1,219	726	493	745	468	277
1,606	1,027	579	1,313	800	513	820	530	290
1,733	1,073	660	1,593	861	732	1,004	617	387
1,996	1,173	823	1,789	991	798	1,070	642	428
2,266	1,275	991	2,257	1,244	1,013	1,089	624	465
2,409	1,352	1,057	2,030	958	1,072	1,160	623	537
1,815	872	943	2,079	1,032	1,047	887	441	446
2,640	1,130	1,510	2,185	978	1,207	1,094	541	553
0	0	0	2	2	0	2	1	1

Table 9.5 - MORTALITY: ALL CAUSES

Age Group	Region 9			Region 10		
	Both Sexes	Male	Female	Both Sexes	Male	Female
	All Ages	9,786	6,091	3,695	16,287	9,787	6,500
<i>Under 1 year</i>	1,647	965	682	2,665	1,557	1,108
<i>1- 4 years</i>	1,298	701	597	1,987	1,079	908
<i>5- 9 years</i>	447	272	175	745	427	318
<i>10-14 years</i>	208	116	92	362	182	180
<i>15-19 years</i>	258	162	96	423	287	136
<i>20-24 years</i>	389	279	110	541	393	148
<i>25-30 years</i>	388	272	116	618	425	193
<i>30-34 years</i>	408	305	103	615	408	207
<i>35-39 years</i>	363	269	94	612	421	191
<i>40-44 years</i>	349	241	108	571	381	190
<i>45-49 years</i>	403	288	115	690	451	239
<i>50-54 years</i>	459	315	144	800	518	282
<i>55-59 years</i>	423	295	128	701	445	256
<i>60-64 years</i>	507	335	172	855	529	326
<i>65-69 years</i>	479	284	195	830	522	308
<i>70-74 years</i>	517	298	219	924	519	405
<i>75-79 years</i>	508	291	217	914	526	388
<i>80-84 years</i>	369	207	162	689	354	335
<i>85 years and over</i>	366	196	170	744	362	382
<i>Not stated</i>	0	0	0	1	1	0

Source: National Statistics Office.

BY AGE, SEX AND BY REGION: 1987 (continued)

Region 11			Region 12		
Both Sexes	Male	Female	Both Sexes	Male	Female
17,754	11,068	6,686	7,368	4,671	2,697
2,533	1,439	1,094	1,176	688	488
2,166	1,154	1,012	934	500	434
680	418	262	292	172	120
382	227	155	152	87	65
514	334	180	249	178	71
754	565	189	297	215	82
726	531	195	315	222	93
720	515	205	360	277	83
732	492	240	373	271	102
633	450	183	287	212	75
798	551	247	376	288	88
875	601	274	351	239	112
877	578	299	340	250	90
983	636	347	339	223	116
952	610	342	346	220	126
962	606	356	346	184	162
938	552	386	324	180	144
689	366	323	213	112	101
839	443	396	298	153	145
1	0	1	0	0	0

Table 9.6 - MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES AND PERCENT OF TOTAL DEATHS, PHILIPPINES: 1981-1985 and 1986
(Crude death rate per 100,000 population)

Cause	5 - Year Average (1981 - 1985)			1986		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. <i>Pneumonias</i>	47,209	90.7	14.9	50,621	90.4	15.5
2. <i>Diseases of the heart</i>	34,157	65.6	10.8	39,163	69.9	12.0
3. <i>Tuberculosis, all forms</i>	28,711	55.3	9.1	30,604	54.6	9.4
4. <i>Diseases of the vascular system</i>	24,780	47.6	7.8	29,402	52.5	9.0
5. <i>Malignant neoplasms</i>	17,346	33.3	5.5	18,395	32.8	5.6
6. <i>Diarrheas</i>	13,418	25.8	4.2	10,839	19.4	3.3
7. <i>Accidents</i>	8,330	16.0	2.6	10,348	18.5	3.2
8. <i>Avitaminoses and other nutritional deficiencies</i>	6,786	13.0	2.1	6,145	11.0	1.9
9. <i>Measles</i>	7,861	15.1	2.5	6,249	11.2	1.9
10. <i>Nephritis, nephrotic syndrome and nephrosis</i>	4,823	9.3	1.5	5,273	9.4	1.6

Source: Health Intelligence Service, Department of Health.

Figure 9.3 Daily Per Capita Available Food Supply, All Types, 1978 - 1986

Grams per day

1200

1100

1000

0

78

79

80

81

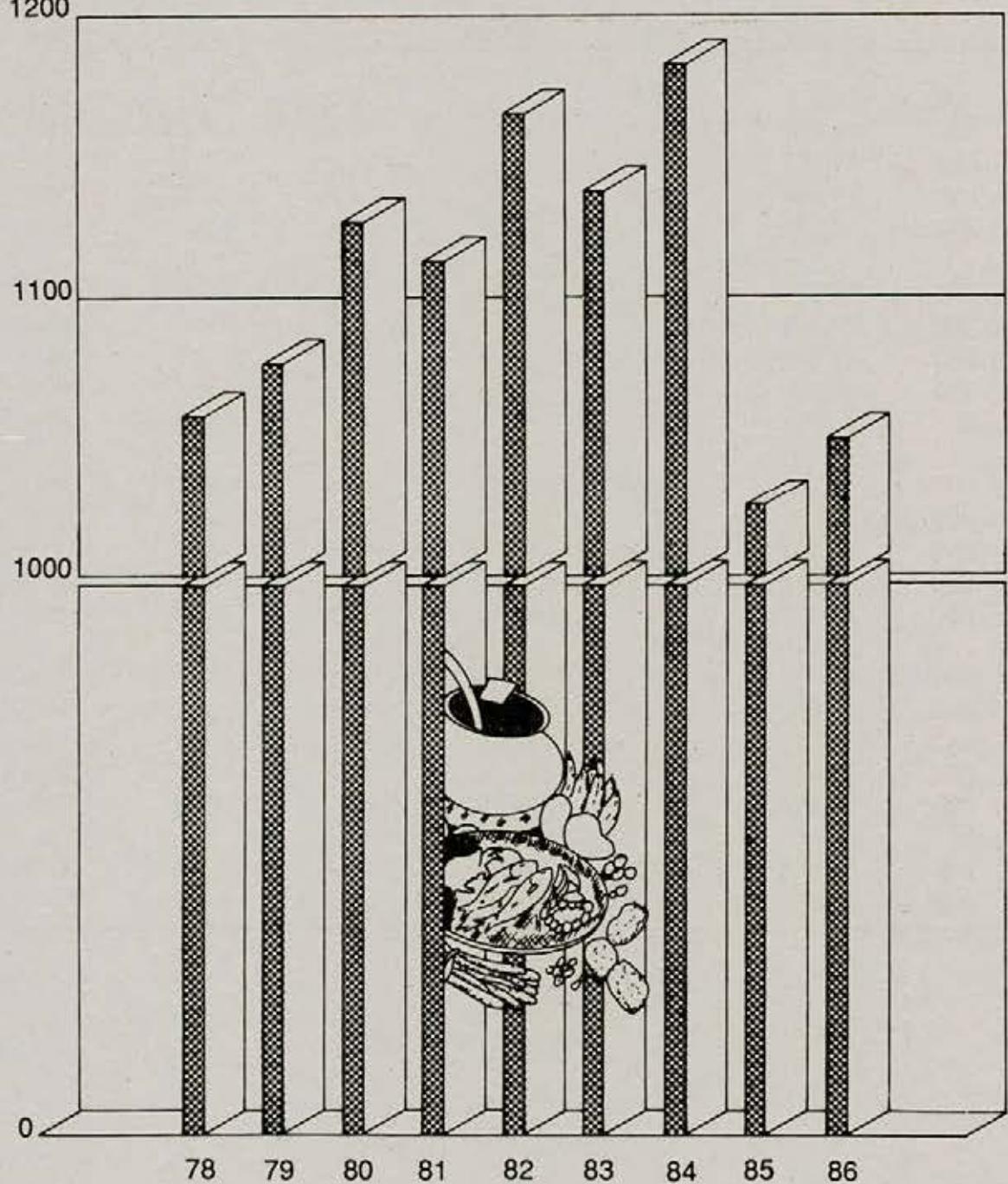
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**Table 9.7 - NUMBER OF REGISTERED INFANT MORTALITY
(Rate per**

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
	65,273	101.6	a	0.0	7,645	94.3
1955	61,958	84.3	a	0.0	6,125	74.7
1960	54,968	84.6	a	0.0	5,436	70.5
1965	57,988	72.9	a	0.0	5,553	65.8
1970	57,970	60.0	a	0.0	5,103	53.9
1971	59,730	62.0	a	0.0	5,398	55.5
1972	65,719	67.9	a	0.0	5,998	62.5
1973	67,881	64.7	a	0.0	5,875	60.1
1974	63,491	58.7	a	0.0	5,204	54.2
1975	65,263	53.3	a	0.0	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
1984	56,897	38.6	8,635	38.2	5,125	42.8
1985	54,613	38.0	8,419	38.7	4,888	43.0
1986	52,263	35.0	7,676	33.4	4,404	37.7
1987	50,803	...	8,394	...	3,955	...

UNDER AGE ONE YEAR BY REGION: 1950 to 1987
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 ^b	97.2	4,378	70.5
3,759	100.1	6,791	84.1	14,030 ^b	76.6	4,577	72.3
3,958	117.9	5,818	75.4	14,450 ^b	72.0	4,200	82.4
3,535	95.1	5,877	64.5	15,582 ^b	62.3	4,506	70.8
3,099	63.8	5,964	52.4	16,904 ^b	58.5	4,306	58.2
3,779	74.0	5,972	52.8	17,877 ^b	61.4	4,841	67.3
4,029	78.8	6,807	59.0	19,479 ^b	67.1	4,961	64.6
4,253	76.4	6,593	54.9	18,545 ^b	61.1	6,336	72.7
4,022	72.6	6,248	51.6	17,940 ^b	59.6	5,216	58.7
4,070	63.5	6,534	47.1	17,668 ^b	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
3,074	43.4	5,289	33.1	8,278	40.4	4,376	41.4
3,023	42.5	5,078	33.1	7,882	39.0	4,229	38.5
3,140	43.6	4,718	29.6	7,794	37.3	4,554	41.4
2,739	...	4,472	...	7,594	...	4,718	...

**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
1984	5,320	50.3	4,228	37.2	2,784	47.8
1985	5,221	53.1	4,081	36.4	2,588	47.8
1986	4,581	43.5	4,183	35.2	2,365	41.0
1987	4,496	...	4,034	...	2,380	...

a Included in Region 4.

b Including Metropolitan Manila Area (National Capital Region)

Source: National Statistics Office.

UNDER AGE ONE YEAR BY REGION: 1950 to 1987 (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
1,919	33.6	3,196	35.6	3,193	27.6	1,480	30.4
1,987	37.0	3,176	35.2	2,713	23.9	1,328	27.9
1,809	32.4	3,079	33.2	2,725	23.0	1,231	25.3
1,647	...	2,665	...	2,533	...	1,176	...

Table 9.8 – INFANT MORTALITY: TEN LEADING CAUSES, NUMBER AND RATE PER 1,000 LIVE BIRTHS AND PERCENT OF INFANT DEATHS, PHILIPPINES: 1981–1985 and 1986

Cause	5 - Year Average (1981-1985)			1986		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
			Deaths			
1. Pneumonias	14,970	10.2	24.8	14,497	9.7	27.7
2. Respiratory conditions of fetus and newborn	8,132	5.5	13.4	6,497	4.3	12.4
3. Diarrheas	5,248	3.6	8.7	3,326	2.2	6.4
4. Congenital Anomalies	2,764	1.9	4.6	2,166	1.4	4.1
5. Avitaminoses and other nutritional deficiency	2,480	1.7	4.1	2,397	1.6	4.6
6. Measles	1,891	1.3	3.1	1,280	0.9	2.4
7. Birth injury and difficult labor	1,684	1.1	2.8	1,268	0.8	2.4
8. Acute bronchitis and bronchitis	1,072	0.7	1.8	903	0.6	1.7
9. Septicemia	880	0.6	1.5	1,156	0.8	2.2
10. Meningitis	755	0.5	1.3	632	0.4	1.2

Source: Health Intelligence Service, Department of Health.

**Table 9.9 – MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES, PHILIPPINES: 1981–1985 and 1986
(Rate per 100,000 population)**

Cause	5-Year Average (1981-1985)		1986	
	Number	Rate	Number	Rate
1. Bronchitis	415,477	798.5	602,851	1,076.4
2. Diarrheas	397,933	764.8	552,613	986.7
3. Influenza	320,989	616.9	397,715	710.2
4. Pneumonias	150,424	289.1	190,208	339.6
5. Tuberculosis, all forms	127,053	244.2	153,129	273.4
6. Malaria	73,819	141.9	124,153	221.7
7. Accidents	90,661	168.1	105,886	189.1
8. Measles	48,991	94.2	59,375	106.0
9. Malignant neoplasms	25,189	48.4	26,985	48.2
10. Diseases of the heart	70,417	130.6	78,516	140.2

Source: Health Intelligence Service, Department of Health.

**Table 9.10 – NOTIFIABLE DISEASES AND DEATHS
BY CAUSE, PHILIPPINES: 1982 to 1986**

NOTIFIABLE DISEASES	1982		1983		1984		1985		1986	
	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths
<i>Cholera</i>	472	163	988	43	982	43	10	1	0	0
<i>Typhoid & Paratyphoid fever and other salmonella infections</i>	5,420	697	13,148	522	13,148	522	15,706	1,071	13,764	1,024
<i>Dysentery</i>	0	0	0	0	0	0	0	0	0	0
<i>Food Poisoning</i>	0	0	0	0	0	0	0	0	0	0
<i>Diarrheas</i>	230,553	15,090	512,042	14,778	512,042	7,847	522,762	11,516	538,849	9,815
<i>Tuberculosis</i>	93,157	28,580	142,569	28,161	142,569	15,448	153,408	31,850	153,129	30,804
<i>Leprosy</i>	1,058	89	1,827	53	1,827	53	2,090	124	1,815	81
<i>Diphtheria</i>	1,812	491	2,995	280	2,995	280	1,689	318	1,630	261
<i>Whooping Cough</i>	14,241	72	19,869	281	19,869	281	19,628	45	16,139	28
<i>Tetanus</i>	2,673	941	3,092	1,044	3,092	1,044	3,474	1,033	3,381	1,034
<i>Acute Poliomyelitis</i>	355	94	740	81	740	81	557	61	375	46
<i>Varicella</i>	1,665	15	4,786	19	4,786	19	3,844	10	3,121	4
<i>Measles</i>	37,307	9,286	67,285	5,221	67,285	2,598	62,959	8,043	59,375	6,249
<i>Viral Encephalitis</i>	0	0	0	0	0	0	0	0	0	0
<i>H-Fever</i>	1,884	305	2,545	89	2,545	89	2,096	210	1,623	191
<i>Infectious Hepatitis</i>	9,183	653	15,080	658	15,080	658	16,022	607	14,523	728
<i>Rabies</i>	0	0	0	0	0	0	0	0	0	0
<i>Malaria</i>	45,718	1,086	110,307	651	110,307	651	121,975	1,166	124,153	1,156
<i>Syphilis</i>	102	16	72	14	72	14	91	9	69	8
<i>Gonococcal Infections</i>	11,933	5	13,575	0	13,575	12	15,329	0	11,731	0
<i>Schistosomiasis</i>	3,319	452	6,411	108	6,411	108	9,764	416	11,074	281
<i>Filariasis</i>	74	5	431	30	431	30	259	2	300	1
<i>Malignant Neoplasms</i>	25,838	17,997	26,905	18,090	8,402	5,368	24,270	18,143	26,985	18,395
<i>Bronchitis</i>	300,288	2,052	552,959	3,618	552,958	3,618	586,427	2,078	602,851	1,812
<i>Pneumonia</i>	123,420	48,650	179,587	47,513	179,587	30,141	205,387	52,888	190,208	50,621
<i>Influenza</i>	232,768	1,215	416,634	8,935	416,634	8,935	447,550	1,400	397,715	1,221
<i>Accidents</i>	0	0	83,407	8,946	83,407	1,153	96,684	10,070	105,888	10,348
<i>Diseases of the Heart</i>	0	0	8,477	2,501	39,383	11,501	70,238	36,242	78,516	39,163

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 ^a	51.2	55.0
1970 ^b	54.2	57.2
1975	56.9	59.9
1980 ^c	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

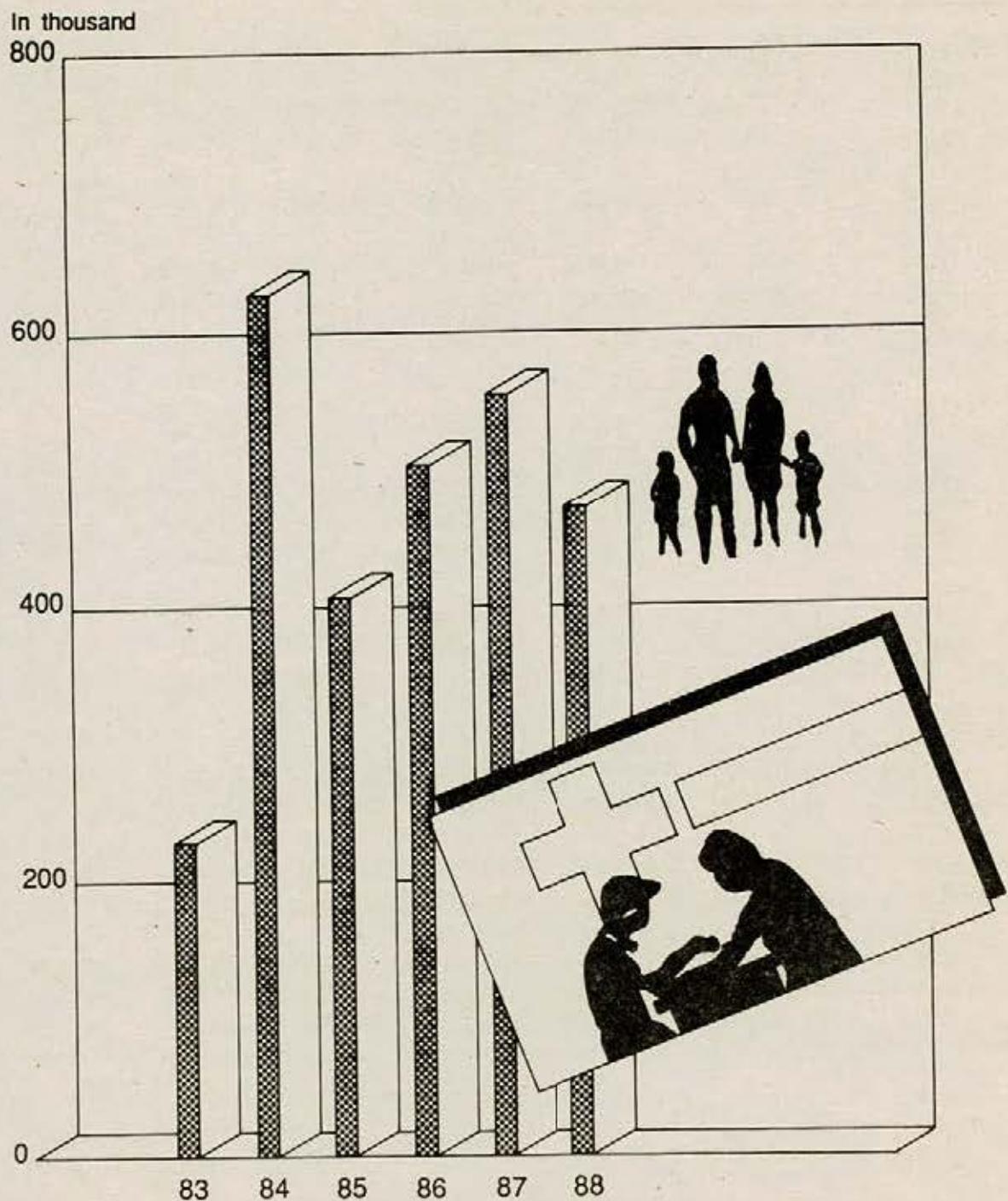
a Reproduced from the article: Philippine Population Growth and Health Development by Wilfredo L. Reyes published in the First Conference on Population, 1965, University of the Philippines Press, Quezon City, 1966, p.246.

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

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

Source: National Statistics Office.

Figure 9.4 Number of Reported Acceptors of Family Planning Methods,
Philippines, 1983 - 1988



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

Year	Philippines	Metropolitan Manila Area				
			1	2	3	4
<i>Births</i>						
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
<i>Deaths</i>						
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
<i>Total Fertility Rate</i>						
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

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

Region							
5	6	7	8	9	10	11	12
126,150	161,370	119,056	96,322	97,117	101,649	123,577	87,658
134,056	168,461	124,627	100,249	100,751	107,049	129,507	92,778
140,723	171,143	126,380	104,715	103,505	111,977	134,726	97,563
143,872	169,971	125,283	107,612	105,339	115,783	138,254	101,315
143,328	164,956	121,870	106,922	105,174	117,344	138,800	102,976
123,617	139,466	102,965	93,259	91,259	106,512	123,172	93,627
138,812	148,100	108,427	103,098	93,028	113,217	135,084	105,033
143,046	142,206	104,725	107,277	87,033	110,295	136,060	109,339
31,946	41,099	33,129	30,620	36,320	34,233	42,601	32,560
32,567	41,932	33,104	30,758	37,150	35,069	44,379	33,870
33,442	42,574	33,156	31,098	38,232	36,084	46,424	35,483
34,383	43,620	33,149	31,136	38,783	37,444	48,245	36,557
35,084	44,519	33,092	30,882	39,245	38,736	49,913	37,472
36,087	48,177	33,974	31,046	40,761	43,304	53,255	39,832
41,836	56,328	41,515	32,643	44,315	50,886	59,225	44,484
51,423	66,717	51,843	34,995	48,427	58,285	65,657	49,478
5,785,000	5,270,000	4,525,000	5,600,000	5,610,000	5,350,000	5,350,000	5,390,000
5,251.667	4,773.333	4,128.333	5,129,000	5,103.333	4,880.833	4,880.833	4,906.667
4,718.333	4,276.667	3,731.667	4,658.333	4,596.667	4,411.667	4,411.667	4,423.333
4,185,000	3,780,000	3,335,000	4,187,500	4,090,000	3,942,500	3,942,500	3,940,000
3,651.667	3,283.333	2,938.333	3,716.667	3,583.333	3,473.333	3,473.333	3,456.667
2,585,000	2,290,000	2,145,000	2,775,000	2,570,000	2,535,000	2,535,000	2,490,000
2,550,000	2,192,500	2,095,000	2,732,500	2,345,000	2,352,500	2,352,500	2,405,000
2,515,000	2,095,000	2,045,000	2,690,000	2,120,000	2,170,000	2,170,000	2,320,000

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

Year	Philippines	Metropolitan Manila Area				
			1	2	3	4
<i>Net Reproduction Rate</i>						
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
<i>Crude Birth Rate</i>						
1980	34	29	32	35	31	33
1985	32	28	30	33	30	31
1990	30	25	28	31	28	29
1995	27	21	26	29	25	26
2000	24	18	23	26	23	23
2010	18	14	17	19	17	17
2020	17	13	17	18	16	16
2030	15	11	15	16	14	14
<i>Crude Death Rate</i>						
1980	9	6	10	11	7	8
1985	8	5	9	10	6	7
1990	7	5	8	9	6	6
1995	7	5	7	8	6	6
2000	6	5	7	7	5	5
2010	6	6	6	7	5	5
2020	6	7	6	7	6	6
2030	8	9	7	7	8	8

Source: National Statistics Office.

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

Region							
5	6	7	8	9	10	11	12
2.45779	2.26959	1.97138	2.27560	2.05830	2.07322	2.07088	2.06870
2.27015	2.08142	1.82821	2.12427	1.91684	1.93178	1.92598	1.93553
2.07467	1.88795	1.67938	1.96566	1.76664	1.78264	1.77311	1.79403
1.86776	1.69006	1.52012	1.80021	1.61048	1.62427	1.61072	1.64707
1.65387	1.48660	1.35631	1.62734	1.44484	1.45855	1.44069	1.49109
1.19733	1.05715	1.00906	1.24931	1.07466	1.10056	1.07331	1.14094
1.19801	1.02561	0.98924	1.26135	1.01321	1.05063	1.06907	1.15017
1.18604	0.98889	0.96561	1.26520	0.94428	0.99554	1.06210	1.15598
36	36	31	34	38	37	37	38
34	33	30	33	35	34	34	36
32	30	28	31	33	31	31	34
30	28	25	30	30	29	29	31
27	25	23	27	28	26	26	29
20	18	17	21	21	20	20	22
20	18	17	21	19	19	19	21
19	16	15	19	16	16	17	20
9	9	9	11	14	12	13	14
8	8	8	10	13	11	12	13
8	8	7	9	12	10	11	12
7	7	7	9	11	9	10	11
7	7	6	8	10	9	9	10
6	6	6	7	9	8	9	9
6	7	6	7	9	8	8	9
7	7	7	6	9	9	8	9

*Table 9.13 - DAILY PER CAPITA AVAILABLE
(Grams)*

Year	All types	Cereals & cereal products	Roots and tubers	Sugar and syrup	Pulses and nuts	Vegetables
1955	804.4	320.8	119.2	35.2	15.5	87.5
1960	813.5	312.0	116.9	29.8	38.0	78.4
1965	1,001.1	364.6	117.8	50.6	34.5	75.3
1970	1,001.7	376.2	81.2	45.2	15.9	79.2
1971	965.7	391.9	58.2	49.3	14.8	78.1
1972	950.2	363.2	65.9	51.4	13.8	76.8
1973	851.4	248.8	73.2	28.7	3.8	81.7
1974	892.8	259.8	84.1	31.7	4.1	85.2
1975	944.2	313.6	82.4	32.6	4.9	85.2
1976	973.5	310.3	78.9	32.2	4.8	87.9
1977	1,012.8	304.9	90.6	32.4	5.1	93.9
1978	1,057.4	303.3	98.1	29.6	4.9	102.4
1979	1,077.5	319.9	99.0	32.1	5.4	107.7
1980	1,126.2	339.9	91.5	29.6	5.4	115.1
1981	1,113.1	340.0	93.7	23.8	4.9	116.2
1982	1,165.6	348.7	81.2	27.6	4.9	115.1
1983	1,137.9	319.2	60.5	27.1	4.1	100.3
1984	1,183.9	336.7	64.3	30.9	3.9	95.9
1985	1,025.1	329.0	63.6	25.2	4.9	95.0
1986	1,049.6	330.1	62.9	26.1	5.4	99.7

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

FOOD SUPPLY, PHILIPPINES: 1955 to 1986

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
97.6	59.5	74.9	13.4	77.2	17.2	75.4
106.1	57.5	75.1	13.1	79.8	15.5	80.8
118.3	57.8	74.0	13.2	82.8	15.6	63.8
120.1	51.8	74.8	12.4	82.2	18.9	99.2
120.8	49.2	76.5	12.1	84.6	22.7	120.0
150.2	52.1	75.4	15.1	85.5	20.8	120.0
172.3	43.4	74.8	12.9	81.9	17.0	111.1
180.5	53.4	75.9	12.6	84.6	19.2	118.6
144.4	57.2	74.8	13.5	87.4	17.2	140.0
173.9	56.8	75.6	13.5	94.3	15.5	158.5
186.5	57.8	75.1	13.9	99.8	13.6	180.0
169.7	57.5	74.8	13.1	94.4	12.0	230.7
149.5	51.2	75.1	11.3	89.5	12.7	118.1
146.9	56.2	74.3	11.3	90.4	14.5	131.8

**Table 9.14 - CALORIE AND NUTRIENT VALUES OF DAILY PER CAPITA
AVAILABLE FOOD SUPPLY, PHILIPPINES: 1955 to 1986**

Year	Grams per day		Calories per day		Protein (Grams per day)		Fats (Grams per day)
	Value	Percent of sufficiency	Value	Percent of sufficiency	Value	Percent of sufficiency	Value
1955	804	80.0	1,766	88.3	44	90.2	2
1960	814	80.9	1,782	89.1	43	88.7	10
1965	1,001	99.5	2,103	105.1	51	103.7	10
1970	1,002	99.6	2,097	104.8	54	110.8	26
1971	966	96.0	2,123	106.2	55	112.3	26
1972	950	94.5	2,047	102.4	53	108.0	28
1973	851	82.6	1,839	90.5	55	107.5	42
1974	893	86.6	1,924	94.7	56	110.4	41
1975	944	91.6	2,077	102.2	59	116.9	41
1976	674	65.3	2,112	103.9	59	116.5	43
1977	1,013	98.2	2,187	107.6	60	118.7	47
1978	1,057	102.6	2,208	108.7	61	120.7	47
1979	1,078	104.5	2,256	111.0	62	121.5	43
1980	1,126	109.2	2,373	116.8	66	128.9	46
1981	1,113	108.0	2,374	116.8	67	131.1	46
1982	1,166	113.1	2,443	120.2	69	135.6	45
1983	1,138	110.4	2,321	114.2	67	132.7	44
1984	1,184	114.8	2,374	116.8	66	130.5	42
1985	1,025	99.4	2,248	110.6	64	126.8	40
1986	1,050	101.8	2,308	113.6	66	129.1	43

Source: Food Balance Sheets of the Philippines, Economic and Social Statistics Office,
National Statistical Coordination Board.

Table 9.15 - GOVERNMENT AND PRIVATE HOSPITALS, NUMBER AND BED CAPACITY, PHILIPPINES: FY 1963-64 TO CY 1988

Year	Number of hospitals			Bed capacity			Bed capacity per 10,000 population
	Total	Govern-ment	Private	Total	Govern-ment	Private	
1963-64	374	136 ^a	238 ^c	26,600	15,400	11,200	8.7
1968-69	799	318 ^b	481	53,793	34,342	19,451	15.1
1969-70	650	220	430	40,289	19,725	20,564	11.0
1970-71	640	209	431	41,153	20,400	20,753	10.9
1971-72	693	244	449	43,124	21,700	21,424	11.1
1972-73	768	254	514	45,986	22,325	23,661	11.5
1973-74	845	275	570	65,045	39,451	25,594	15.8
1975	969	363	606	69,774	41,692	28,082	16.5
1976	1036	366	670	75,600	44,525	31,075	17.6
1977	1149	372	777	79,621	45,161	34,460	17.8
1978	1213	376	837	81,646	45,517	36,129	17.9
1979	1483	395	1,088	72,035	31,774	40,261	18.0
1980	1607	413	1,194	81,796	39,445	42,351	18.2
1981	1599	487	1,112	74,006	41,292	32,714	13.0
1982	1713	519	1,194	88,243	48,199	40,044	17.5
1983	1705	526	1,179	85,050	46,095	38,955	16.3
1984	1739	612	1,127	90,279	47,861	42,418	16.9
1985	1814	624	1,190	89,508	48,395	41,113	15.5
1986	1846	617	1,229	88,440	48,690	39,750	15.9
1987	1754	581	1,173	86,821	46,330	40,491	15.1
1988	1766	579	1,187	85,943	46,236	39,707	16.8

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

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

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

Source: Bureau of Medical Services, Department of Health.

Table 9.16 - COMPARISON OF MEAN ONE-DAY PER CAPITA FOOD CONSUMPTION, PHILIPPINES: 1978, 1982 and 1987

Food Group	1978	1982	1987	% Increase/ (Decrease) from 1982 to 1987
	Food Consumption, g/day (As Purchased Form)			
Cereals and cereal products	367.0	356.0	345.0	(3.1)
Starchy roots and tubers	37.0	42.0	22.0	(47.6)
Sugars and syrups	19.0	22.0	24.0	9.1
Fats and oils	13.0	14.0	14.0	-
Fish, meat and poultry	133.0	154.0	157.0	1.9
Eggs	8.0	9.0	10.0	11.1
Milk and milk products	42.0	44.0	43.0	(2.3)
dried beans, nuts and seeds	8.0	10.0	10.0	-
Vegetables	145.0	130.0	111.0	(14.6)
Fruits	104.0	102.0	107.0	4.9
Miscellaneous	21.0	32.0	26.0	(18.7)

Source: Third National Nutrition Surveys, Philippines, 1987. Food and Nutrition Research Institute, Department of Science and Technology.

Table 9.17 - COMPARISON OF MEAN ONE-DAY PER CAPITA NUTRIENT INTAKE, PHILIPPINES: 1978, 1982 and 1987

Nutrient	1978	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Energy (kcal)	1804	1808	1,753.0	(1.8)
Protein (g)	48.0	50.6	49.7	(1.8)
Iron (mg)	10.6	10.8	10.7	(0.9)
Calcium (g)	0.44	0.45	0.4	(6.7)
Thiamine (mg)	0.73	0.74	0.7	(8.1)
Riboflavin (mg)	0.53	0.58	0.6	(3.4)
Niacin (mg)	15.3	16.4	16.3	(0.6)
Ascorbic Acid (mg)	66.8	61.6	53.6	(0.1)
Fat (g)	28	30	30.0	-
Carbohydrates (g)	332	327	313.0	(4.3)

Source: Third National Nutrition Surveys, Philippines, 1987. Food and Nutrition Research Institute, Department of Science and Technology.

Table 9.18 – NUMBER OF REPORTED ACCEPTORS BY METHOD OF FAMILY PLANNING, PHILIPPINES: 1983 to 1988

Methods	1983	1984 ¹	1985	1986	1987	1988
<i>Total</i>	229,176	628,190	408,767	504,832	553,895	474,833
<i>Sterilization</i>	30,707	111,311	86,047	79,994	70,698	60,591
<i>Female</i>	29,315	0	80,187	76,525	0	58,682
<i>Male</i>	1,392	0	5,860	3,469	0	1,909
<i>IUD</i>	35,121	69,384	45,395	47,560	47,376	39,444
<i>Pills</i>	109,371	134,514	183,997	257,566	286,425	263,009
<i>Condom</i>	42,969	31,290	31,646	52,223	53,778	50,243
<i>Rhythm</i>	7,957	126,364	28,395	29,636	42,662	18,469
<i>Injectable</i>	0	0	4,803	10,678	10,240	9,406
<i>Natural Family Planning(NFP)</i>	0	0	0	0	16,271	14,300
<i>Others</i>	3,051	155,327	28,484	27,175	26,445	19,371

1 Projections.

Source: Commission on Population.

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 and bar examinations.

The Department of Education, Culture and Sports (DECS) is lodged with the primary responsibility of compiling, tabulating and releasing statistical data on education. Annually, the DECS publishes comprehensive statistics on education through its Statistical Bulletin. Data on those who passed the board and bar examinations were taken from the Professional Regulation Commission and the Supreme Court of the Philippines, respectively.

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Figure 10.1 Number of Government and Private Schools by Level of Education, SY 1983 - 84 to SY 1987 - 88

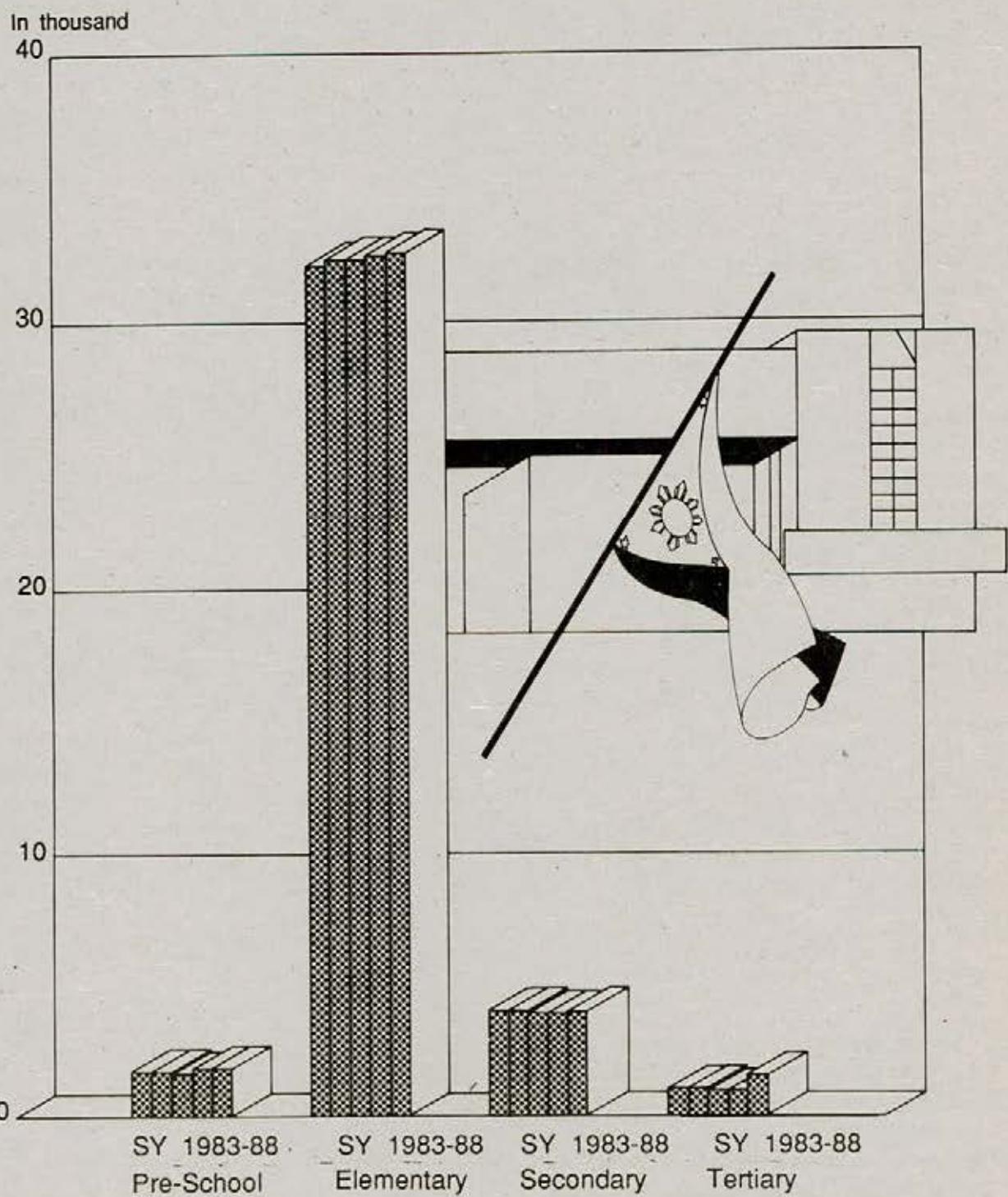


Table 10.1 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

School year	Pre-School			Elementary		
	Total	Government	Private ¹	Total	Government	Private ²
1954-55	...	...	...	24,962	24,962	...
1955-56	...	...	...	25,893	25,893	...
1956-57	...	...	...	26,980	26,980	...
1957-58	...	...	...	28,043	28,043	...
1958-59	...	...	...	28,635	28,635	...
1959-60	...	...	...	30,300	29,049	1,251
1960-61	...	...	...	30,830	29,590	1,240
1961-62	...	...	...	31,806	30,492	1,314
1962-63	...	...	...	33,018	31,676	1,342
1963-64	...	...	...	35,605	34,159	1,446
1964-65	...	...	...	24,150	22,659	1,491
1965-66	...	...	...	25,033	23,550	1,483
1966-67	...	...	...	36,679	36,070	609
1967-68	...	...	...	36,650	36,078	572
1968-69	...	...	...	38,076	37,020	1,056
1969-70	...	...	...	39,174	37,421	1,753
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	...	...	...	30,761	29,745	1,016
1975-76	...	...	...	30,962	29,854	1,108
1976-77	...	...	...	31,372	30,306	1,066
1977-78	...	...	...	31,257	30,099	1,158
1978-79	...	...	...	31,519	30,221	1,298
1979-80	...	...	...	31,494	30,311	1,183
1980-81	2,229	1,404	825	31,455	30,287	1,168
1981-82	2,243	1,432	811	31,729	30,561	1,168
1982-83	2,020	1,281	739	32,114	30,946	1,168
1983-84	2,358	1,423	935	32,809	31,440	1,369
1984-85	2,310	1,431	879	33,104	31,768	1,336
1985-86	2,254	1,257	997	33,156	31,817	1,339
1986-87	2,243	1,246	997	33,485	32,037	1,448
1987-88	2,572	1,292	1,280	33,544	32,000	1,544

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

2 Includes schools attached to secondary and tertiary institutions.

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

4 Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

BY LEVEL OF EDUCATION: SY 1954-55 TO 1987-88

Total	Secondary		Tertiary		
	Government ³	Private ⁴	Total	Government	Private
356	356	...	16	16	...
358	358	...	29	29	...
365	365	...	32	32	...
366	366	...	38	38	...
376	376	...	38	38	...
1,704	376	1,328	408	42	366
1,642	402	1,240	393	54	339
1,811	417	1,394	401	46	355
1,662	265	1,397	410	21	389
1,721	257	1,464	505	71	434
2,062	521	1,541	501	38	463
2,096	483	1,613	527	87	440
2,679	1,045	1,634	669	111	558
2,911	1,136	1,775	715	47	668
3,478	1,562	1,916	705	110	595
3,696	1,780	1,916	689	94	595
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	646	85	561
4,944	2,883	2,061	754	126	628
4,942	2,865	2,077	817	168	649
4,923	2,891	2,032	938	229	709
5,129	3,134	1,995	947	333	614
5,144	3,112	2,032	997	290	707
5,156	3,161	1,995	1,016	294	722
5,354	3,298	2,056	1,038	316	722
5,327	3,342	1,985	1,063	324	739
5,430	3,354	2,076	1,157	319	838
5,475	3,399	2,076	1,175	359	816
5,375	3,357	2,018	1,078	293	785
5,394	3,327	2,067	1,169	351	818
5,410	3,307	2,103	1,606	428	1,178

Table 10.2 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

Level of Education	Philippines	Metropolitan				Region 4
		Manila Area (National Capital Region)	Region 1	Region 2	Region 3	
SY 1986-1987						
<i>Pre-School</i>	...	...	...	...	...	...
<i>Government</i>	...	...	...	...	...	...
<i>Private</i>	...	...	...	...	...	...
<i>Elementary</i>	33,485	737	2,991	2,239	2,534	3,999
<i>Government</i>	32,037	444	2,845	2,188	2,379	3,791
<i>Private</i>	1,448	293	146	51	155	208
<i>Secondary</i>	5,394	347	634	270	456	776
<i>Governemt</i>	3,327	122	421	156	260	466
<i>Private</i>	2,067	225	213	114	196	310
<i>Tertiary</i>	1,169	205	96	62	88	134
<i>Government</i>	351	13	39	34	24	39
<i>Private</i>	818	192	57	28	64	95
SY 1987-1988						
<i>Pre-School</i>	2,572	609	216	77	283	500
<i>Government</i>	1,292	187	127	42	95	229
<i>Private</i> ¹	1,280	422	89	35	188	271
<i>Elementary</i>	33,544	759	2,991	2,227	2,556	4,072
<i>Government</i>	32,000	457	2,845	2,176	2,401	3,818
<i>Private</i> ²	1,544	302	146	51	155	254
<i>Secondary</i>	5,410	333	634	273	461	794
<i>Governemt</i> ³	3,307	104	421	157	262	463
<i>Private</i> ⁴	2,103	229	213	116	199	331
<i>Tertiary</i>	1,606	298	120	68	125	177
<i>Government</i>	428	19	29	26	32	51
<i>Private</i>	1,178	279	91	42	93	126

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

2 Includes schools attached to secondary and tertiary institutions.

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

4 Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

BY LEVEL OF EDUCATION AND BY REGION: SY 1986-87 TO 1987-88

Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
...
...
...
2,845	3,205	2,617	3,209	2,238	2,522	2,268	2,081
2,766	3,010	2,559	3,183	2,200	2,458	2,178	2,036
79	195	58	26	38	64	90	45
428	530	363	376	241	374	357	242
285	381	192	288	171	224	202	159
143	149	171	88	70	150	155	83
91	117	65	61	45	69	88	48
25	55	19	43	19	18	11	12
66	62	46	18	26	51	77	36
212	338	121	81	32	49	42	12
209	263	46	63	9	20	1	1
3	75	75	18	23	29	41	11
2,859	3,205	2,608	3,024	2,323	2,522	2,300	2,098
2,780	3,015	2,540	2,998	2,282	2,458	2,178	2,052
79	190	68	26	41	64	122	46
432	530	362	353	242	374	346	276
289	381	194	281	172	224	190	169
143	149	168	72	70	150	156	107
118	162	89	86	75	105	110	73
32	74	19	57	31	22	14	22
86	88	70	29	44	83	96	51

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

Level of Education	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4
<i>Pre-School</i>						
1980-81	1,194	242	219	37	57	57
1981-82	1,623	423	240	35	60	79
1982-83	1,464	361	271	18	57	114
1983-84	1,579	336	285	154	66	93
1984-85	1,567	646	78	19	36	282
1985-86	...	...	...	...	...	...
1986-87	205	...	...	...	...	...
1987-88	...	...	...	...	...	...
<i>Elementary</i>						
1980-81	255,343	22,481	23,319	11,543	24,272	31,885
1981-82	261,131	23,413	23,026	11,821	24,389	32,462
1982-83	261,860	23,414	23,390	11,822	24,389	32,478
1983-84	270,493	24,665	23,115	12,280	25,028	33,642
1984-85	270,693	24,761	22,933	12,434	25,123	34,156
1985-86	277,076	25,241	23,417	12,873	25,480	35,344
1986-87	277,076	25,241	23,417	12,873	25,480	35,344
1987-88	284,780	25,764	23,395	13,292	26,799	36,728
<i>Secondary</i>						
1980-81	52,435	10,247	5,239	2,774	3,988	5,508
1981-82	54,555	10,769	5,655	2,707	4,311	5,792
1982-83	56,257	10,112	5,644	2,796	3,966	6,882
1983-84	59,263	8,092	6,233	2,413	4,820	7,356
1984-85	61,750	8,434	6,494	2,514	5,022	7,665
1985-86	62,955	10,491	6,281	2,995	5,365	8,333
1986-87	62,955	10,491	6,281	2,995	5,365	8,333
1987-88	69,226	10,924	6,647	3,069	5,528	8,951

Source: Department of Education, Culture and Sports.

TEACHERS IN GOVERNMENT SCHOOLS BY REGION: SY 1980-81 TO 1987-88

Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
27	311	30	75	10	37	11	81
29	475	42	47	22	16	61	94
46	380	37	44	27	17	18	74
53	298	71	56	11	31	27	98
102	250	25	47	25	15	5	37
...
205	...	...	...	...	...	...	...
...
20,668	28,282	19,865	18,167	12,581	13,921	15,742	12,617
20,902	28,025	20,547	18,496	13,913	14,384	15,851	13,902
20,902	28,198	20,547	18,499	13,880	14,534	15,851	13,956
21,506	28,864	21,920	18,710	13,863	14,947	17,129	14,824
21,614	28,686	20,664	18,542	13,994	14,786	17,952	15,048
21,874	29,084	20,876	18,867	15,143	15,387	18,221	15,269
21,874	29,084	20,876	18,867	15,143	15,387	18,221	15,269
22,724	29,258	21,168	18,814	15,566	16,327	19,153	15,792
3,075	6,779	2,248	3,479	1,999	1,840	2,890	2,369
3,241	7,123	2,299	3,500	1,985	2,399	3,146	1,628
3,743	7,873	2,491	2,722	1,979	2,846	3,294	1,909
4,668	7,707	2,801	3,490	2,510	3,128	3,661	2,384
4,864	8,030	2,918	3,636	2,615	3,259	3,815	2,484
3,904	7,630	2,157	3,584	2,466	3,410	3,969	2,370
3,904	7,630	2,157	3,584	2,466	3,410	3,969	2,370
4,038	9,917	2,588	4,175	2,838	3,379	4,118	3,054

**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	...	...	...	7,682,279
1976-77	...	...	...	7,719,158
1977-78	...	...	...	7,892,641
1978-79	...	...	...	8,179,013
1979-80	114,868	79,932	34,936	8,227,355
1980-81	124,844	77,951	46,893	8,290,444
1981-82	152,262	100,214	52,048	8,518,283
1982-83	153,884	91,363	62,521	8,591,267
1983-84	181,726	113,536	68,190	8,717,469
1984-85	177,593	74,136	103,457	8,793,773
1985-86	...	...	...	8,896,920
1986-87	...	...	...	9,229,595
1987-88	...	...	...	9,601,322
1988-89	...	...	...	9,947,255

Source: Department of Education, Culture and Sports.

**ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS:
to 1988-1989**

Elementary Government	Private	Total	Secondary	
			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
6,667,644	355,065	1,873,978	863,326	1,011,686
6,845,138	363,901	1,920,445	913,342	1,044,706
7,043,522	385,727	2,072,920	975,356	1,136,820
7,282,878	399,401	2,240,448	1,061,731	1,229,976
7,298,178	420,980	2,475,711	1,205,434	1,303,085
7,455,254	437,387	2,669,646	1,319,898	1,376,562
7,724,115	454,898	2,941,210	1,491,015	1,450,195
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	3,034,219	1,721,159	1,313,060
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
8,639,399	590,196	3,357,014	1,996,377	1,360,637
8,964,804	636,518	3,494,460	2,090,073	1,404,387
9,309,418	637,837	3,670,598	2,308,986	1,361,612

Table 10.5 - TERTIARY ENROLMENT IN GOVERNMENT AND SCHOOL YEAR

Field of study	Philippines	Metropolitan			Region 1	Region 2	Region 3
		Manila Area (National Capital Region)	Region 1	Region 2			
<i>Total</i>	1,204,000	456,456	91,808	31,530	90,012		
<i>Arts and Sciences</i>	176,524	79,225	11,480	4,639	8,146		
<i>Teacher Training & Education</i>	170,888	22,159	17,114	8,351	21,361		
<i>Engineering and Technology</i>	259,130	113,474	17,492	4,426	19,060		
<i>Medical and Health Related Programs</i>	147,638	71,509	16,589	715	6,297		
<i>Commerce/Business Management</i>	387,880	156,255	23,899	11,082	30,081		
<i>Agriculture, Forestry, Fish and Veterinary Medicine</i>	36,696	1,235	2,932	2,317	4,776		
<i>Law</i>	23,784	11,505	2,302	0	291		
<i>Religion/Theology</i>	1,460	1,094	0	0	0		

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

**PRIVATE SCHOOLS BY FIELD OF STUDY AND BY REGION:
OF 1987 - 1988**

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
75,043	56,755	101,062	92,272	28,048	37,996	52,476	53,029	37,513
10,937	8,813	11,366	11,400	3,211	6,192	7,403	7,849	5,863
14,598	12,700	15,322	11,704	9,275	8,478	11,039	9,775	9,012
9,843	9,241	22,016	27,443	4,127	4,938	11,202	9,816	6,052
7,988	5,994	11,954	9,502	542	3,504	3,948	6,337	2,759
26,183	16,736	33,194	28,480	7,592	10,607	15,713	16,892	11,166
4,942	1,847	5,261	1,549	2,799	3,099	2,449	1,397	2,093
549	1,424	1,867	2,107	502	1,178	722	841	496
3	0	82	87	0	0	0	122	72

Table 10.6 – TERTIARY GRADUATES BY PROGRAM,

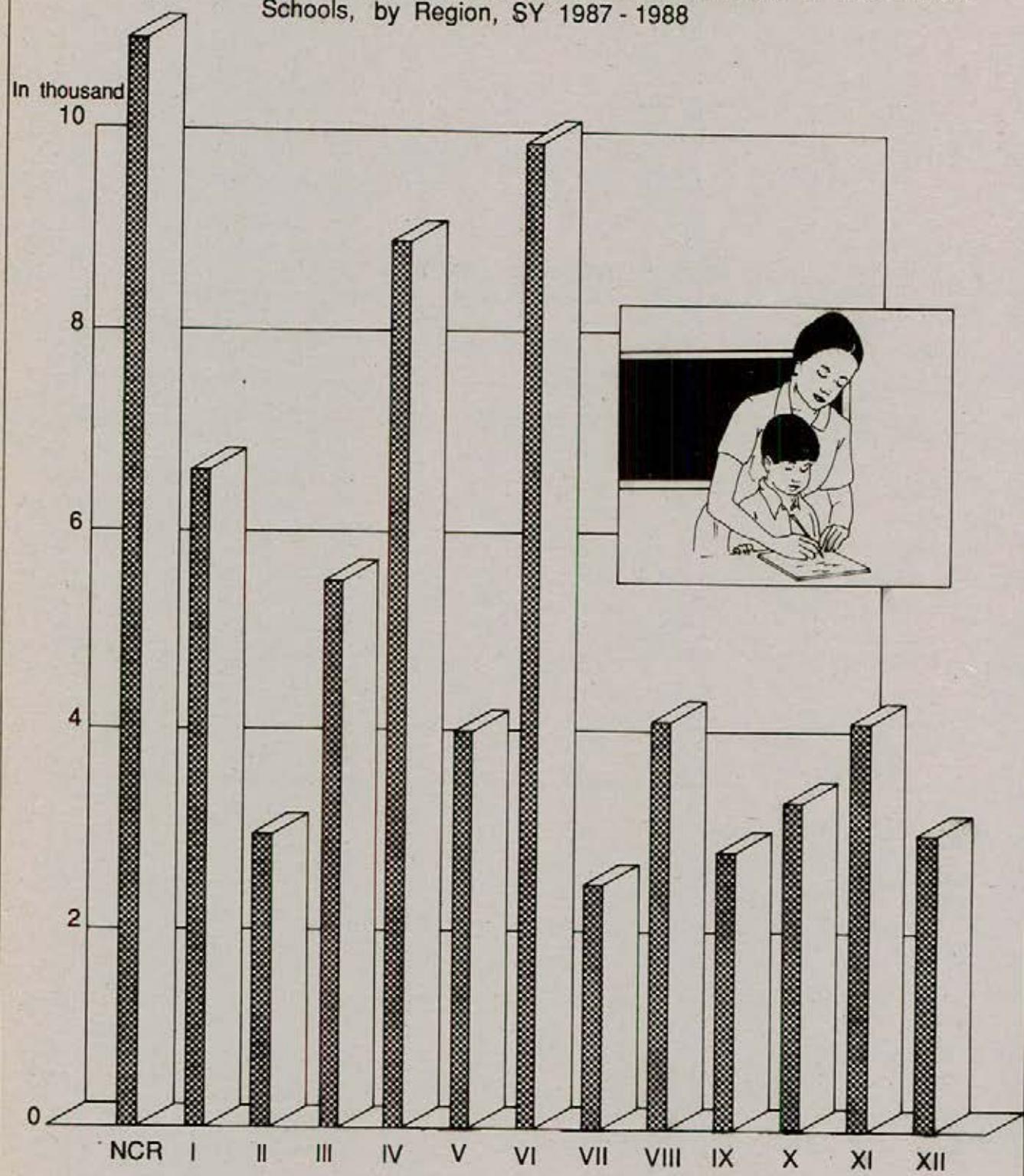
Program	Philippines	Metropolitan				
		Manila Area (NCR)	CAR	Region 1	Region 2	Region 3
Total	159,524	46,744	2,903	10,952	4,465	12,748
<i>Arts and Sciences</i>	21,592	9,422	499	654	577	945
<i>Teacher Training & Education</i>	25,235	2,054	322	2,548	1,281	2,296
<i>Engineering and Technology</i>	23,286	6,554	623	1,615	460	1,611
<i>Medical and Health</i>						
<i>Related Programs</i>	25,059	10,884	681	2,173	82	2,678
<i>Commerce/Business</i>						
<i>Management</i>	57,370	16,815	658	3,464	1,712	4,763
<i>Agriculture, Forestry, Fish and Veterinary Medicine</i>	5,313	640	50	306	353	430
<i>Law</i>	1,519	361	24	192	0	25
<i>Religion/Theology</i>	150	14	46	0	0	0

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

BY REGION AND BY MAJOR CATEGORY: SY 1987-88

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
12,437	8,687	12,730	11,181	4,884	4,521	13,865	8,118	5,289
1,606	1,538	1,082	838	125	600	1,949	1,028	729
2,678	1,774	2,208	1,651	1,090	1,043	3,148	1,915	1,227
1,441	1,159	2,602	2,703	537	691	1,815	832	643
1,049	1,282	1,212	2,252	240	589	560	812	565
5,198	2,463	5,034	3,211	2,076	1,228	5,881	3,172	1,695
458	381	375	266	653	290	419	345	347
7	90	217	218	136	80	93	5	71
0	0	0	42	27	0	0	9	12

Figure 10.2 Elementary and Secondary School Teachers in Government Schools, by Region, SY 1987 - 1988



**Table 10.7 – NUMBER OF TEACHERS IN GOVERNMENT AND PRIVATE
TERTIARY INSTITUTIONS BY REGION: SY 1981–82 to 1985–86**

Region	1981–82	1982–83	1983–84	1984–85	1985–86
Philippines	45,893	49,363	72,537	50,767	54,053
<i>Metropolitan Manila Area</i>					
(National Capital Region)	15,185	16,482	28,246	14,797	17,416
Region 1	4,085	5,222	5,998	4,343	2,910
Region 2	832	608	2,337	1,853	2,225
Region 3	2,959	3,533	5,354	3,914	3,896
Region 4	3,370	3,842	3,724	4,605	3,917
Region 5	2,422	3,092	3,317	3,057	3,218
Region 6	3,534	3,472	4,685	4,221	4,199
Region 7	4,178	4,395	5,157	3,028	4,000
Region 8	1,621	1,581	2,396	2,416	2,149
Region 9	1,471	1,625	2,044	1,468	1,717
Region 10	2,005	2,005	2,911	2,781	2,823
Region 11	2,230	2,164	3,276	2,870	2,608
Region 12	2,001	1,342	3,092	1,414	2,975

Source: Bureau of Higher Education, 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 1989

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	79,321,042,000	12,321,912,000	15.53
1988	87,538,862,000	15,100,335,000	17.25
1989	117,012,067,000	23,578,787,000	20.15

Source: Planning and Programming Division, Department of Education, Culture and Sports.

Figure 10.3 Elementary and Secondary Enrolment in Government and Private Schools, SY 1984-85 to SY 1988 - 89

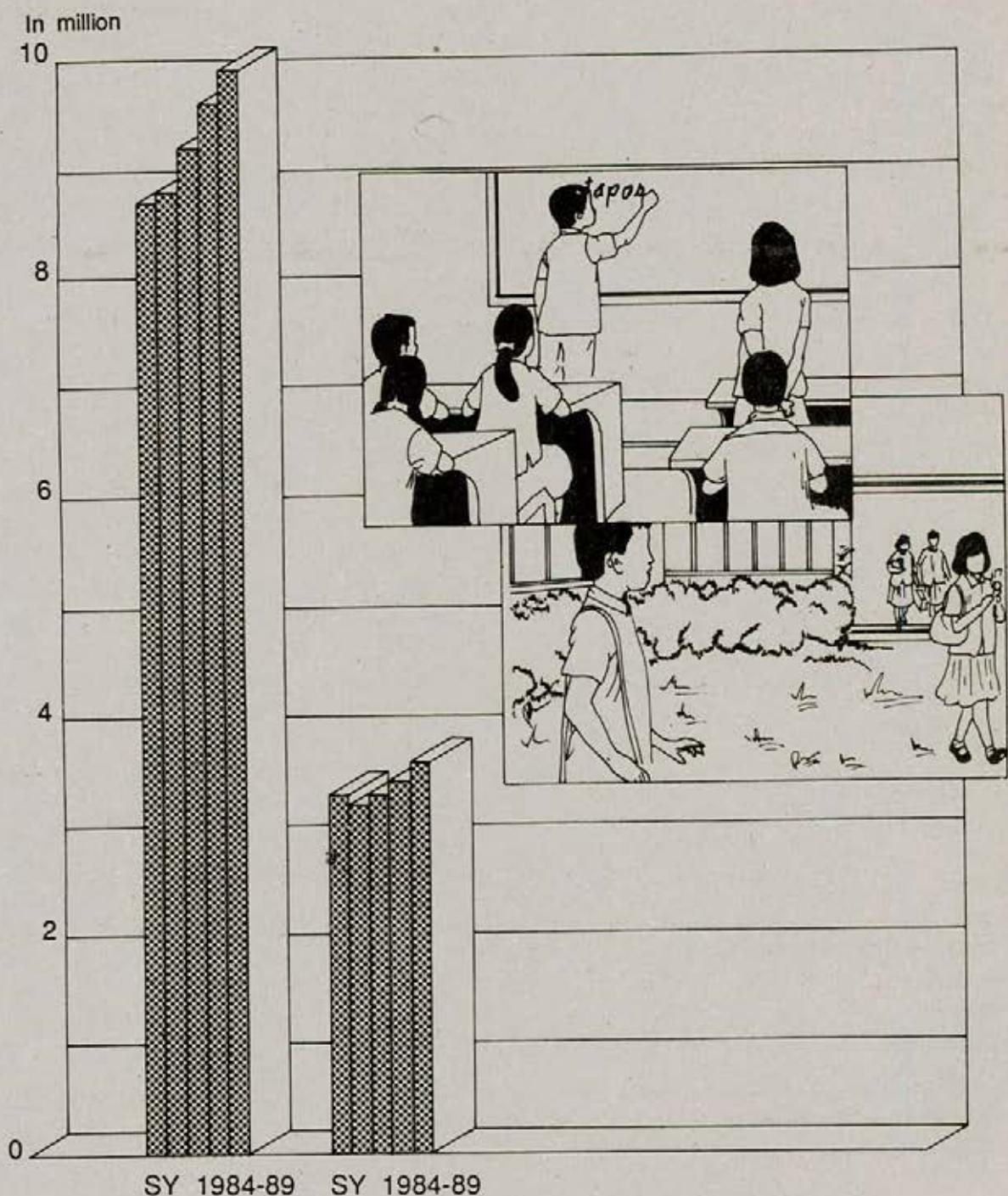


Table 10.9 - NUMBER OF EXAMINEES WHO

Board/Bar Examination	1976	1977	1978	1979	1980
TOTAL	29,164	40,109	46,026	43,279	36,875
<i>Agriculture Engineer</i>	72	39	148	305	192
<i>Aeronautical Engineer</i>	...	...	...	...	...
<i>Architect</i>	317	350	384	401	184
<i>Bar</i>	985	1,038	1,076	903	605
<i>Certified Public Accountant</i>	1,829	3,177	3,548	3,929	3,295
<i>Chemical Engineer</i>	249	700	1,018	809	588
<i>Chemist</i>	238	252	307	818	579
<i>Civil Engineer</i>	1,321	1,657	2,015	1,664	2,028
<i>Criminology</i>	...	...	...	...	...
<i>Customs Broker</i>	-	201	175	216	...
<i>Deck Officer (all grades)</i>	3,907	2,955	3,427	3,248	2,841
<i>Dentist</i>	273	328	489	529	814
<i>Dietician/Nutritionist</i>	61	105	-	671	541
<i>Electrical Engineer (all grades)</i>	1,931	2,054	1,815	1,941	1,710
<i>Electronics and Communication Engineer</i>	154	173	135	115	-
<i>Engine Officer (all grades)</i>	5,178	4,554	3,913	2,896	2,514
<i>Forester</i>	57	103	190	125	185
<i>Geodetic Engineer</i>	73	95	90	136	150
<i>Geologist</i>	49	-	64	96	52
<i>Master Plumber</i>	-	41	63	90	50
<i>Mechanical Engineer</i>	1,913	3,059	3,191	2,379	-
<i>Medicine (with Prelims)</i>	1,204	1,262	1,337	1,268	1,300
<i>Medical Technology</i>	1,368	1,366	1,569	1,178	-
<i>Metallurgical Engineer</i>	-	-	-	-	-
<i>Midwife</i>	6,115	6,359	5,745	4,515	3,199
<i>Mining Engineer</i>	54	94	45	138	113
<i>Naval Architect</i>	7	5	11	15	2
<i>Nurse</i>	468	9,291	13,960	13,314	13,988
<i>Optometry</i>	308	195	-	188	246
<i>Pharmacy</i>	255	482	550	553	595
<i>Physical Therapy/Occupational Therapy</i>	253	57	66	95	83
<i>Sanitary Engineer</i>	20	38	40	56	64
<i>Social Worker</i>	444	-	555	596	826
<i>Sugar Technology</i>	-	-	-	-	-
<i>Veterinarian</i>	61	79	100	92	131

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

PASSED THE BOARD/BAR EXAMINATIONS: 1976 to 1988

1981	1982	1983	1984	1985	1986	1987	1988
42,307	41,762	39,659	40,475	39,101	36,405	32,940	25,905
370	446	429	318	136	102	88	82
...	...	38	26	35	21	27	45
266	309	448	501	623	684	364	371
841	433	523	563	701	491	480	689
4,740	4,612	5,188	5,407	4,485	4,243	3,850	...
690	1,052	1,089	1,216	911	981	692	377
612	212	263	241	205	120	44	114
3,183	4,628	4,554	5,680	5,575	3,936	2,675	...
...	...	...	...	...	...	3	...
179	...	239	...	192	10	144	...
4,009	4,828	4,847	4,681	4,046	2,116	1,271	1,242
834	1,102	1,320	1,198	1,566	1,634	948	633
675	555	510	390	330	338	290	265
2,100	2,109	1,934	2,661	2,818	2,575	2,619	2,574
113	157	209	443	403	783	802	903
3,504	3,996	3,997	4,203	3,857	2,233	1,309	1,743
169	229	293	240	286	284	85	116
297	287	238	382	354	355	233	...
64	92	55	58	74	53	39	36
69	58	90	55	71	29	20	14
2,031	2,621	2,617	2,479	2,100	2,363	2,546	2,406
1,230	1,689	1,655	1,541	1,895	3,621	1,894	2,818
855	673	842	1,034	1,017	1,373	2,780	1,911
8	17	10	17	17	11	23	17
3,783	2,447	2,588	2,135	2,475	2,486	3,629	4,273
105	84	101	88	73	88	77	50
6	10	37	44	23	29	11	18
9,633	7,416	3,853	2,977	3,094	3,773	4,452	3,289
227	227	265	324	265	226	251	227
605	570	605	680	476	608	506	864
83	117	93	155	171	189	156	157
95	60	50	102	115	85	51	91
735	570	472	434	425	307	246	275
0	17	9	...	...	...	...	...
196	139	198	202	287	258	335	305

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 is defined as the part of the population 10 years old and over that is either employed or unemployed. Prior to 1976, the labor and employment data were based on the "past week" reference period. Although the said reference period was continued together with the past quarter reference period of the Integrated Survey of Households starting in 1976, it was not presented in a more detailed disaggregation similar to that of the traditional tables being published. It was only in 1987 when the past week reference period covered the required detailed disaggregation and the past quarter reference period data were stopped. In any case, employed persons include all those who were reported at work, those with a job as wanting and looking for work anytime during the reference period whether on a full-time or part-time basis. Also included are persons reported as wanting but not looking for work because of temporary illness, bad weather or any other reasons. Persons not in the labor force are those who are not at work and without jobs and not wanting work, or wanting work but not looking for it for the reasons that a person is disabled, retired, schooling or housekeeping. Also included are those seasonal workers who are working and not looking for work during the survey period. Labor force and employment statistics are published in the NSO Survey of Households Bulletin, Journal of Philippine Statistics and Special Releases and through the yearbook and periodic reports of the Department of Labor and Employment or the various offices/bureaus under it.

Contained in the chapter are data on the size, composition and distribution of employed persons classified by industry and occupation group and other socio-economic characteristics, the number of unemployed and their characteristics, legislated money and real wage rates and the number of Filipino workers overseas presented by major occupation and work groupings.

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Table 11.1 - HOUSEHOLD POPULATION 15 YEARS OLD AND THIRD QUARTERS,

	Philippines	Metro Manila	1	2	3				
		Area (National Capital Region)							
<i>Projected household population</i>									
<i>15 years old and over:</i>									
<i>Number (in thousand)</i>	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	33,838	4,727	2,436	1,527				
	1987	34,840	4,865	2,047	1,366				
	1988	35,865	5,005	2,096	1,409				
<i>Percent in the labor force</i>	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	58.6	59.8	69.5				
	1987	65.7	60.0	61.8	69.8				
	1988	65.4	60.2	64.4	70.0				
<i>Percent of labor force:</i>									
<i>Employment Rate</i>	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	88.9	71.4	90.6	93.9				
	1987	90.9	81.7	89.7	95.6				
	1988	91.7	82.8	92.4	95.0				
<i>Unemployment Rate</i>	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	11.1	28.6	9.4	6.1				
	1987	9.1	18.3	10.3	4.4				
	1988	8.3	17.2	7.6	5.0				

OVER BY EMPLOYMENT STATUS AND BY REGION:

1980 TO 1988

R e g i o n

4	5	6	7	8	9	10	11	12	CAR
3,954	2,013	2,702	2,276	1,642	1,496	1,625	1,983	1,324	
3,817	2,058	2,776	2,342	1,687	1,545	1,687	2,065	1,360	
3,689	2,104	2,851	2,408	1,731	1,590	1,746	2,151	1,395	
3,450	2,152	2,927	2,476	1,776	1,637	1,808	2,238	1,431	
3,269	2,200	3,001	2,543	1,820	1,686	1,871	2,327	1,468	
4,378	2,248	3,073	2,609	1,863	1,734	1,934	2,417	1,504	
4,387	2,279	3,067	2,605	1,823	1,710	1,951	2,353	1,560	
4,536	2,347	3,150	2,670	1,871	1,760	2,013	2,426	1,610	659
4,690	2,416	3,234	2,736	1,920	1,811	2,078	2,501	1,661	677
60.2	63.7	63.1	62.4	62.6	53.0	61.4	65.1	61.6	
61.5	66.4	63.4	66.0	63.8	51.6	67.6	68.5	62.5	
60.2	65.7	62.8	63.7	60.2	53.5	60.5	66.1	61.7	
63.8	73.0	70.4	69.3	64.8	53.9	72.1	69.9	65.6	
58.0	70.8	65.6	68.7	79.2	58.8	70.6	68.8	64.2	
61.2	70.3	64.7	66.9	72.8	59.0	67.8	68.0	63.6	
62.4	67.3	64.6	68.6	71.9	59.9	67.6	65.5	66.6	
65.3	69.5	66.7	68.3	73.0	62.8	68.6	69.5	65.3	67.8
64.6	69.4	64.9	68.0	74.9	60.7	67.4	68.3	64.7	70.9
94.8	97.4	95.8	96.4	96.0	94.4	94.9	96.0	96.1	
95.9	96.8	95.8	96.6	94.7	96.5	94.8	94.3	97.4	
93.7	97.0	95.8	95.8	96.3	93.8	94.5	93.4	96.3	
93.6	98.0	97.2	95.7	96.8	95.1	94.2	91.8	97.6	
93.4	96.1	95.5	97.5	92.4	97.0	96.8	94.4	96.9	
93.4	97.1	95.5	96.6	94.4	93.4	95.8	94.9	98.0	
89.8	92.5	89.2	94.4	94.4	93.3	90.9	90.2	94.9	
91.8	94.4	92.0	92.8	92.2	94.0	93.0	93.0	95.2	93.7
91.6	94.3	92.7	94.3	94.0	94.8	92.3	92.0	95.3	95.2
5.2	2.6	4.2	3.6	4.0	5.6	5.1	4.0	3.9	
4.1	3.2	4.2	3.4	5.3	3.5	5.2	5.7	2.6	
6.3	3.0	4.2	4.2	3.7	6.2	5.5	6.6	3.7	
6.4	2.0	2.8	4.3	3.2	4.9	5.8	8.2	2.4	
6.6	3.9	4.5	2.5	7.6	3.0	3.2	5.6	3.1	
6.6	2.9	4.5	3.4	5.6	6.6	4.2	5.1	2.0	
10.2	7.5	10.8	5.6	5.6	6.7	9.1	9.8	5.1	
8.2	5.6	8.0	7.2	7.8	6.0	7.1	7.0	4.8	6.3
8.4	5.6	7.3	5.7	6.0	5.2	7.6	8.1	4.7	4.8

Table 11.1 - HOUSEHOLD POPULATION 15 YEARS OLD AND THIRD QUARTERS,

	Philippines	Metro Manila Area (National Capital Region)	1	2	3
<i>Underemployment Rate</i>					
1980	34.5	11.3	36.1	33.0	27.1
1981	36.3	21.7	34.6	35.5	22.8
1982	34.2	12.3	34.2	34.3	25.1
1983	35.9	10.5	40.7	37.3	27.1
1984	35.7	16.2	35.6	36.0	24.8
1985	33.7	16.2	32.0	28.6	24.2
1986	36.0	14.3	35.2	34.9	26.5
1987	30.5	10.8	31.4	30.8	22.9
1988	29.4	7.7	32.6	25.1	19.4
<i>Percent of employed :</i>					
<i>Agriculture</i>					
1980	51.4	1.5	60.4	70.7	38.3
1981	51.1	1.6	58.8	70.9	39.0
1982	51.3	1.3	60.0	73.5	38.1
1983	51.4	1.4	58.7	69.3	37.5
1984	49.5	1.2	56.4	63.1	37.1
1985	48.4	1.2	52.4	61.5	38.9
1986	49.9	1.5	57.1	68.9	37.5
1987	47.8	1.9	54.5	65.3	38.4
1988	46.1	1.9	56.2	64.6	37.0
<i>Non-agriculture</i>					
1980	48.6	98.5	39.6	29.3	61.7
1981	48.9	98.4	41.2	29.1	61.0
1982	48.7	98.7	40.0	26.5	61.9
1983	48.6	98.6	41.3	30.7	62.5
1984	50.5	98.8	43.6	36.9	62.9
1985	51.6	98.8	47.6	38.5	61.1
1986	50.1	98.5	42.9	31.1	62.5
1987	52.2	98.1	45.5	34.7	61.6
1988	53.9	98.1	43.8	35.4	63.0

Notes: 1. Figures were based on the October round of the ISH survey results.

2. The working age population (15 years and over) in 1986 and 1987 were based on the new population projections.

3. Underemployment rate is the ratio, in percent, of the number of employed persons working less than 40 hours a week over the total employed.

Source: National Statistics Office.

OVER BY EMPLOYMENT STATUS AND BY REGION:

1980 TO 1988 (continued)

Region									
4	5	6	7	8	9	10	11	12	CAR
35.5	45.3	34.7	41.8	47.1	27.8	39.9	38.6	49.5	
37.3	46.0	36.3	41.1	43.4	35.9	42.3	42.5	51.4	
36.7	44.8	38.3	38.9	48.4	22.3	35.3	39.1	47.2	
37.3	45.3	42.0	36.8	44.6	30.9	43.0	35.3	51.5	
35.9	48.3	39.5	39.8	47.0	31.7	36.0	39.9	47.5	
31.1	48.8	38.2	38.4	45.1	29.1	40.0	32.4	47.5	
34.8	46.4	42.2	38.0	46.3	29.5	41.9	41.1	51.9	
29.9	38.3	40.0	32.5	40.0	29.4	36.0	35.0	39.3	
25.7	37.6	36.0	35.7	45.8	39.0	28.0	32.8	47.1	16.2
45.5	61.9	61.4	56.9	70.0	63.8	57.8	63.1	68.5	
43.9	60.6	61.5	55.1	68.7	64.5	62.2	61.0	68.2	
45.2	61.3	59.5	55.0	72.0	65.7	63.0	61.6	69.6	
44.9	62.2	62.6	56.7	66.4	60.8	59.4	61.6	69.9	
41.1	59.2	61.3	52.4	68.1	65.1	55.7	63.1	62.3	
39.3	60.0	57.9	54.0	69.4	73.7	53.7	60.5	57.5	
43.9	56.9	59.7	53.2	66.5	64.4	55.6	59.3	63.7	
41.5	55.8	58.9	51.7	61.2	64.5	55.3	59.7	62.3	
37.9	55.9	57.3	49.3	62.3	61.0	51.9	55.6	60.5	56.9
54.5	38.1	38.6	43.0	30.0	36.2	42.2	38.7	31.5	
56.1	39.4	38.5	44.9	31.3	35.5	37.8	38.9	31.8	
54.9	38.7	40.5	45.0	27.9	34.2	36.9	38.4	30.4	
55.1	37.8	37.4	43.3	33.6	39.2	40.6	38.4	30.1	
58.9	41.8	38.7	47.6	31.9	34.9	44.3	36.9	37.7	
60.7	40.0	42.1	46.0	30.6	26.3	46.3	39.5	42.5	
56.1	43.1	40.3	46.8	33.5	35.6	44.4	41.7	36.3	
58.5	44.2	41.1	48.3	38.8	35.5	44.7	40.3	37.7	
62.1	44.1	42.7	50.7	37.7	39.0	48.1	44.4	39.5	43.1

**Table 11.2 – LABOR FORCE PARTICIPATION RATE, EMPLOYMENT STATUS
URBAN AND RURAL: 1975 TO 1988**
(Number of persons in the labor force in thousand)

Year/area	Labor force participation rate (percent)	Total labor force	Labor force by employment status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
<i>Philippines</i>						
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
1987	66.0	22,984	20,812	90.5	2,173	9.4
1988	65.4	23,451	21,497	91.7	1,954	8.3
<i>Urban</i>						
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
1987	62.5	8,668	7,473	86.2	1,195	13.8
1988	61.9	8,821	7,732	87.7	1,089	12.3

**Table 11.2 - LABOR FORCE PARTICIPATION RATE, EMPLOYMENT STATUS
URBAN AND RURAL: 1975 TO 1988 (continued)**
(Number of persons in the labor force in thousand)

Year/area	Labor force participation rate (percent)	Total labor force	Labor force by employment status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
<i>Rural</i>						
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
1987	68.2	14,316	13,339	93.2	978	6.8
1988	67.7	14,631	13,766	94.1	865	5.9

Note: All data on years 1975 - 1986 were based on the Past Third Quarter Reference

Period and 1987 Past Week Reference Period.

Source: National Statistics Office.

Table 11.3 - EMPLOYED PERSONS BY MAJOR INDUSTRY AND OCCUPATION

Major industry/occupation group	Total	Metropolitan Manila Area (National Capital Region)			1	2	3
		Capital Region	1	2			
<i>Industry</i>	21,497	2,493	1,247	936	2,032		
<i>Agriculture, fishery and forestry</i>	9,920	47	701	605	751		
<i>Mining and quarrying</i>	157	5	6	0	9		
<i>Manufacturing</i>	2,238	514	81	44	258		
<i>Electricity, gas and water</i>	95	26	5	1	6		
<i>Construction</i>	858	164	40	23	126		
<i>Wholesale and retail trade</i>	2,972	496	139	87	317		
<i>Transportation, storage and communication</i>	1,049	227	67	38	133		
<i>Financing, insurance, real estate & business services</i>	379	165	12	5	42		
<i>Community, social and personal services</i>	3,827	849	195	133	390		
<i>Industry not adequately defined</i>	2	0	0	0	1		
<i>Occupation</i>	21,497	2,493	1,247	936	2,032		
<i>Professional, technical and related workers</i>	1,199	243	65	45	98		
<i>Administrative, executive and managerial worker</i>	171	65	10	3	17		
<i>Clerical and related workers</i>	899	291	41	24	84		
<i>Sales worker</i>	2,867	466	140	86	303		
<i>Service worker</i>	1,944	468	91	58	229		
<i>Agricultural, animal husbandry and forestry workers; fishermen and hunters</i>	9,798	33	698	606	740		
<i>Production and related workers, transport equipment operators and laborers</i>	4,619	926	202	113	560		
<i>Occupation not adequately defined</i>	1	0	0	0	0		

Note: Data were based on the Past Week of October 1988.

Source: National Statistics Office.

BY MAJOR OCCUPATION GROUP AND BY REGION: THIRD QUARTER 1988
 Thousands)

Region										
4	5	6	7	8	9	10	11	12	CAR	
2,774	1,583	1,945	1,752	1,352	1,042	1,292	1,569	1,024	457	
1,052	885	1,114	864	842	636	670	873	620	260	
7	8	6	16	2	6	31	23	1	39	
423	152	104	225	88	49	104	104	76	16	
16	5	5	7	1	2	9	4	4	2	
161	48	53	62	39	29	29	47	22	17	
404	191	248	230	156	134	176	234	124	36	
184	55	67	71	46	36	40	49	21	15	
48	12	21	16	7	8	14	19	2	7	
480	227	328	260	170	140	220	216	154	65	
0	0	0	0	1	1	0	0	0	0	
2,774	1,583	1,945	1,752	1,352	1,042	1,292	1,569	1,024	457	
150	80	99	76	61	39	73	82	64	26	
13	8	12	7	8	3	9	10	3	1	
133	37	59	42	26	27	49	52	24	10	
403	187	240	218	154	130	168	216	119	34	
246	93	176	135	77	71	106	98	62	32	
1,047	876	1,083	855	842	634	656	852	617	259	
782	303	276	417	184	138	232	258	135	94	
0	0	0	1	0	0	0	0	0	0	

Table 11.4 - EMPLOYED PERSONS BY MAJOR
(In)

Major industry group and sex	Census 1970	November 1971	November 1972
<i>Both sexes</i>	11,358	12,543	12,581
<i>Agriculture, forestry, hunting and fishing</i>	6,100	6,321	6,863
<i>Mining and quarrying</i>	51	59	36
<i>Construction</i>	438	420	432
<i>Manufacturing</i>	1,354	1,439	1,323
<i>Electricity, gas, water and sanitary services</i>	33	49	44
<i>Commerce</i>	838	1,559	1,478
<i>Transport, storage and communication</i>	498	529	467
<i>Government, community, business & recreational services</i>	1,123	1,196	1,071
<i>Personal services other than domestic</i>	739	944	863
<i>Industry not reported</i>	184	27	4
<i>Male</i>	...	8,463	8,601
<i>Agriculture, forestry, hunting and fishing</i>	...	5,030	5,489
<i>Mining and quarrying</i>	...	58	33
<i>Construction</i>	...	417	428
<i>Manufacturing</i>	...	805	728
<i>Electricity, gas, water and sanitary services</i>	...	46	42
<i>Commerce</i>	...	676	624
<i>Transport, storage and communication</i>	...	507	449
<i>Government, community, business & recreational services</i>	...	676	602
<i>Personal services other than domestic</i>	...	234	204
<i>Industry not reported</i>	...	14	2
<i>Female</i>	...	4,080	3,981
<i>Agriculture, forestry, hunting and fishing</i>	...	1,292	1,374
<i>Mining and quarrying</i>	...	1	4
<i>Construction</i>	...	3	3
<i>Manufacturing</i>	...	634	595
<i>Electricity, gas, water and sanitary services</i>	...	2	3
<i>Commerce</i>	...	883	855
<i>Transport, storage and communication</i>	...	20	18
<i>Government, community, business & recreational services</i>	...	520	469
<i>Personal services other than domestic</i>	...	711	658
<i>Industry not reported</i>	...	13	2

INDUSTRY GROUP, BY SEX: 1970 TO 1988
 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	7,474	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	1,515	1,742	1,814
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

Major industry group and sex	Third quarter 1981	Third quarter 1982	Third quarter 1983	Third quarter 1984	Third quarter 1985
Both sexes	17,452	17,371	19,212	19,632	19,801
<i>Agriculture, fishery and forestry</i>	8,928	8,920	9,880	9,740	9,698
<i>Mining and quarrying</i>	80	74	102	138	128
<i>Manufacturing</i>	1,807	1,741	1,887	1,931	1,922
<i>Electricity, gas and water</i>	66	53	78	81	73
<i>Construction</i>	592	604	697	759	684
<i>Wholesale and retail trade</i>	1,956	1,915	2,197	2,437	2,611
<i>Transportation, storage & communication</i>	734	758	831	874	931
<i>Financing, insurance, real estate, and business services</i>	324	383	356	368	342
<i>Community, social and personal services</i>	2,960	2,922	3,184	3,304	3,408
<i>Industry not adequately defined or not reported</i>	4	0	0	1	0
<i>Male</i>	11,249	11,270	11,926	12,318	12,519
<i>Agriculture, fishery and forestry</i>	6,608	6,731	6,946	7,125	7,233
<i>Mining and quarrying</i>	75	68	95	123	120
<i>Manufacturing</i>	975	923	1,004	1,017	1,003
<i>Electricity, gas and water</i>	58	47	67	66	59
<i>Construction</i>	583	588	679	747	678
<i>Wholesale and retail trade</i>	687	666	745	816	860
<i>Transportation, storage & communication</i>	705	723	794	837	889
<i>Financing, insurance, real estate, and business services</i>	201	231	214	224	232
<i>Community, social and personal services</i>	1,357	1,292	1,383	1,362	1,446
<i>Industry not adequately defined or not reported</i>	1	0	0	1	0
<i>Female</i>	6,203	6,101	7,286	7,313	7,282
<i>Agriculture, fishery and forestry</i>	2,320	2,189	2,934	2,615	2,465
<i>Mining and quarrying</i>	6	6	7	14	8
<i>Manufacturing</i>	833	818	883	913	919
<i>Electricity, gas and water</i>	8	6	11	15	14
<i>Construction</i>	9	16	18	12	12
<i>Wholesale and retail trade</i>	1,269	1,249	1,452	1,621	1,751
<i>Transportation, storage & communication</i>	29	35	37	37	42
<i>Financing, insurance, real estate, and business services</i>	123	152	142	144	111
<i>Community, social and personal services</i>	1,604	1,630	1,801	1,942	1,962
<i>Industry not adequately defined or not reported</i>	3	0	0	0	0

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

2. Data from the second quarter of 1987 to present were based in the past week reference period.

Data from 1976 to the first quarter of 1987 on the otherhand, were based on household population the past quarter as reference period, while prior to 1976, data were based on household population with the past week as reference period.

Source: National Statistics Office.

INDUSTRY GROUP BY SEX: 1970 to 1988 (continued)

thousands)

Third quarter 1986	First quarter 1987	Second quarter 1987	Third quarter 1987	Fourth quarter 1987	First quarter 1988	Second quarter 1988	Third quarter 1988
20,595	20,652	20,871	20,795	20,827	21,141	21,356	21,497
10,289	10,013	10,087	9,940	9,974	10,089	9,891	9,920
150	169	153	146	145	176	163	157
1,905	1,930	2,006	2,059	2,085	2,158	2,250	2,238
62	74	86	81	85	80	80	95
629	725	721	759	762	836	865	858
2,814	2,826	2,814	2,857	2,795	2,788	2,930	2,972
841	897	900	946	955	1,025	1,029	1,049
390	397	388	386	393	406	381	379
3,516	3,618	3,714	3,621	3,632	3,582	3,765	3,827
0	2	1	0	0	1	1	2
12,905	13,224	13,090	13,254	13,332	13,579	13,497	13,654
7,570	7,592	7,488	7,473	7,525	7,533	7,365	7,413
141	157	140	135	132	162	148	143
947	1,004	1,030	1,108	1,143	1,156	1,194	1,192
53	64	76	69	70	65	64	80
622	711	704	744	751	827	853	842
949	954	949	995	961	1,015	1,019	1,034
810	861	861	897	910	975	981	1,001
251	243	240	245	245	260	239	241
1,562	1,636	1,599	1,587	1,595	1,584	1,633	1,703
0	2	1	0	0	1	0	2
7,690	7,427	7,781	7,542	7,495	7,562	7,859	7,843
2,719	2,421	2,600	2,467	2,449	2,556	2,526	2,507
9	12	13	11	13	14	16	14
959	926	977	950	942	1,002	1,055	1,046
8	10	10	12	15	15	16	15
6	14	17	16	12	9	12	13
1,865	1,873	1,865	1,862	1,834	1,772	1,911	1,939
30	36	39	49	45	50	47	48
139	154	147	141	147	146	142	138
1,954	1,982	2,115	2,034	2,037	1,998	2,132	2,124
0	0	0	0	0	0	1	0

Source: National Statistics Office.

Table 11.5 - EMPLOYED PERSONS BY MAJOR
(In)

Major occupation group and sex	Census 1970	November 1971
<i>Both sexes</i>	11,358	12,543
<i>Professional, technical and related workers</i>	651	699
<i>Administrative, executive and managerial workers</i>	138	174
<i>Clerical workers</i>	369	449
<i>Sales workers</i>	775	1,419
<i>Service workers</i>	860	1,136
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	6,055	6,319
<i>Production and related workers, transport equipment operators and laborers</i>	2,382	2,324
<i>Occupation not adequately defined</i>	129	24
<i>Male</i>	...	8,463
<i>Professional, technical and related workers</i>	...	289
<i>Administrative, executive and managerial workers</i>	...	289
<i>Clerical workers</i>	...	279
<i>Sales workers</i>	...	570
<i>Service workers</i>	...	427
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	...	5,028
<i>Production and related workers, transport equipment operators and laborers</i>	...	1,720
<i>Occupation not adequately defined</i>	...	13
<i>Female</i>	...	4,080
<i>Professional, technical and related workers</i>	...	410
<i>Administrative, executive and managerial workers</i>	...	38
<i>Clerical workers</i>	...	170
<i>Sales workers</i>	...	849
<i>Service workers</i>	...	603
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	...	1,290
<i>Production and related workers, transport equipment operators and laborers</i>	...	709
<i>Occupation not adequately defined</i>	...	12

OCCUPATION GROUP BY SEX: 1970 TO 1988

(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	Third quarter	Third quarter	Third quarter	Third quarter
	1981	1982	1983	1984	1985
Both sexes	17,452	17,371	19,212	19,632	19,801
<i>Professional, technical and related workers</i>	1,078	1,094	1,139	1,175	1,179
<i>Administrative, executive and managerial workers</i>	185	193	176	197	187
<i>Clerical workers</i>	769	822	871	854	831
<i>Sales workers</i>	1,948	1,911	2,171	2,397	2,558
<i>Service workers</i>	1,331	1,317	1,505	1,609	1,643
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	8,862	8,878	9,805	9,627	9,580
<i>Production and related workers, transport equipment operators and laborers</i>	3,275	3,150	3,535	3,772	3,817
<i>Occupation not adequately defined</i>	5	5	11	0	5
Male	11,250	11,270	11,925	12,323	12,520
<i>Professional, technical and related workers</i>	419	409	425	408	382
<i>Administrative, executive and managerial workers</i>	143	140	132	158	147
<i>Clerical workers</i>	421	421	432	398	392
<i>Sales workers</i>	686	674	736	809	839
<i>Service workers</i>	533	531	593	604	680
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	6,547	6,695	6,883	7,027	7,136
<i>Production and related workers, transport equipment operators and laborers</i>	2,498	2,396	2,718	2,919	2,940
<i>Occupation not adequately defined</i>	3	4	6	0	4
Female	6,203	6,101	7,285	7,314	7,282
<i>Professional, technical and related workers</i>	659	685	714	767	797
<i>Administrative, executive and managerial workers</i>	42	53	44	40	41
<i>Clerical workers</i>	348	401	438	460	439
<i>Sales workers</i>	1,262	1,237	1,435	1,588	1,719
<i>Service workers</i>	798	786	912	1,005	964
<i>Agricultural, animal husbandry, and forestry workers; fishermen and hunters</i>	2,315	2,184	2,922	2,600	2,444
<i>Production and related workers, transport equipment operators and laborers</i>	777	753	816	854	877
<i>Occupation not adequately defined</i>	2	2	4		1

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

Data from the second quarter of 1987 to present were based in the past week reference period.

Data from 1976 to the first quarter of 1987 on the otherhand, were based on household population 15 years and over with the past quarter as reference period, while, prior to 1976, data were based on household population 10 years old and over with the past week as reference period.

Source: National Statistics Office.

OCCUPATION GROUP BY SEX: 1970 TO 1988 (continued)

(thousands)

Third quarter 1986	First quarter 1987	Second quarter 1987	Third quarter 1987	Fourth quarter 1987	First quarter 1988	Second quarter 1988	Third quarter 1988
20,595	20,652	20,871	20,795	20,827	21,141	21,356	21,497
1,144	1,187	1,153	1,167	1,173	1,107	1,164	1,199
182	184	161	181	184	198	184	171
845	899	894	896	894	918	855	899
2,756	27,663	2,755	2,757	2,687	2,694	2,841	2,867
1,615	1,680	1,885	1,783	1,812	1,815	1,954	1,944
10,179	9,932	9,997	9,858	9,890	9,991	9,789	9,798
3,873	4,006	4,024	4,152	4,185	4,418	4,567	4,619
1		2	2	0	1	2	1
12,905	13,224	13,091	13,253	13,332	13,579	13,497	13,654
386	429	418	420	433	402	431	446
143	135	117	134	137	138	137	128
404	420	414	438	418	427	392	411
902	916	913	931	895	959	957	962
656	677	746	701	736	751	763	775
7,473	7,514	7,401	7,395	7,445	7,441	7,270	7,307
2,942	3,133	3,080	3,232	3,268	3,460	3,547	3,625
.0	0	2	2	0	1	1	1
7,690	7,427	7,781	7,542	7,495	7,562	7,859	7,843
758	758	735	746	740	705	733	753
39	49	45	46	47	59	47	43
441	479	480	458	476	491	463	489
1,855	1,847	1,842	1,826	1,792	1,734	1,884	1,904
959	1,003	1,139	1,082	1,078	1,064	1,194	1,169
2,707	2,418	2,596	2,463	2,445	2,550	2,520	2,491
931	873	944	920	919	958	1,020	994
1	0	0	0	0	0	0	0

**Table 11.6 – LEGISLATED MONEY AND REAL WAGE RATES IN THE
IN METRO-MANILA AND AREAS OUTSIDE
(In**

Period	Legislated 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	8.82	8.82	5.57	5.57
1975	10.65	9.26	7.13	7.13
1976	12.09	11.37	8.75	8.03
1977	14.40	13.32	11.15	10.07
1978	15.74	14.65	12.48	11.40
1979	20.48	19.40	16.63	14.16
1980	27.39	26.30	22.68	17.03
1981	31.37	30.29	25.85	19.43
1982	31.82	30.74	26.18	19.65
1983	34.22	33.14	27.97	20.95
1984	48.47	47.38	39.66	29.92
1985	57.08	56.00	46.67	35.67
1986	57.08	56.00	46.67	35.67
1987	58.27	57.24	47.67	36.49
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
May	57.83	56.75	47.21	36.00
June	57.83	56.75	47.21	36.00

NON-AGRICULTURAL AND AGRICULTURAL SECTORS

METRO-MANILA: 1972 to 1989

(pesos)

Period	Real Wage (1978 = 100)			
	Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Metro-Manila	Outside Metro-Manila
1972	16.23	17.35	10.30	10.30
1973	14.04	15.01	8.91	8.91
1974	11.59	12.28	7.76	7.76
1975	12.94	13.90	9.31	9.31
1976	13.94	13.42	4.77	9.48
1977	15.40	14.28	11.95	10.79
1978	15.74	14.65	12.48	11.40
1979	17.17	16.55	14.19	12.08
1980	19.36	19.00	16.39	12.30
1981	19.77	19.32	16.49	12.39
1982	18.06	17.81	15.17	11.38
1983	17.57	17.48	14.75	11.05
1984	16.63	16.60	13.90	10.48
1985	16.22	15.87	13.23	10.11
1986	16.41	15.90	13.25	10.12
1987	14.73	15.74	13.11	10.04
Jan.	15.02	15.84	13.20	10.09
Feb.	14.86	15.77	13.14	10.04
Mar.	14.79	15.77	13.14	10.04
Apr.	14.80	15.79	13.16	10.06
May	14.91	15.84	13.16	10.06
June	14.66	15.66	13.18	10.05

**Table 11.6 – LEGISLATED MONEY AND REAL WAGE RATES IN THE
IN METRO-MANILA AND AREAS OUTSIDE**
(In

Period	Legislated Money Wage			
	Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation
<i>July</i>	57.83	56.75	47.21	36.00
<i>Aug.</i>	57.83	56.75	47.21	36.00
<i>Sept.</i>	57.83	56.75	47.21	36.00
<i>Oct.</i>	58.50	57.42	47.66	36.29
<i>Nov.</i>	58.50	57.42	47.66	36.29
<i>Dec.</i>	69.33	69.33	58.50	47.12
1988	69.33	69.33	58.50	47.12
<i>Jan.</i>	69.33	69.33	58.50	47.12
<i>Feb.</i>	69.33	69.33	58.50	47.12
<i>Mar.</i>	69.33	69.33	58.50	47.12
<i>Apr.</i>	69.33	69.33	58.50	47.12
<i>May</i>	69.33	69.33	58.50	47.12
<i>June</i>	69.33	69.33	58.50	47.12
<i>July</i>	69.33	69.33	58.50	47.12
<i>Aug.</i>	69.33	69.33	58.50	47.12
<i>Sept.</i>	69.33	69.33	58.50	47.12
<i>Oct.</i>	69.33	69.33	58.50	47.12
<i>Nov.</i>	69.33	69.33	58.50	47.12
<i>Dec.</i>	69.33	69.33	58.50	47.12
1989	69.33	69.33	58.50	47.12
<i>Jan.</i>	69.33	69.33	58.50	47.12
<i>Feb.</i>	69.33	69.33	58.50	47.12
<i>Mar.</i>	69.33	69.33	58.50	47.12
<i>Apr.</i>	69.33	69.33	58.50	47.12
<i>May</i>	69.33	69.33	58.50	47.12
<i>June</i>	69.33	69.33	58.50	47.12
<i>July</i>	96.42	96.42	85.58	63.38
<i>Aug.</i>	96.42	96.42	85.58	63.38

Source: National Wages Council.

NON-AGRICULTURAL AND AGRICULTURAL SECTORS

METRO-MANILA: 1972 to 1989 (continued)

pesos)

Period	Real Wage (1978 = 100)			
	Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Metro-Manila	Outside Metro-Manil
<i>July</i>	14.52	15.48	12.88	9.82
	14.52	15.42	12.83	9.78
	14.27	15.32	12.74	9.72
	14.37	15.51	12.87	9.80
	14.36	15.42	12.80	9.74
	16.81	18.42	15.55	12.52
	15.93	17.58	14.84	11.95
	16.61	18.13	15.30	12.32
	16.38	17.99	15.18	12.23
	16.29	17.87	15.08	12.15
	16.26	17.85	15.06	12.13
	16.12	17.78	15.00	12.08
	15.84	17.62	14.87	11.97
<i>1988</i>	15.80	17.49	14.76	11.89
	15.76	17.42	14.69	11.84
	15.72	17.44	14.71	11.85
	15.71	17.40	14.68	11.82
	15.36	17.13	14.45	11.64
	15.37	16.99	14.26	11.49
	15.25	16.62	14.03	11.30
	15.07	16.58	13.99	11.27
	15.17	16.59	14.00	11.28
	15.02	16.52	13.94	11.22
	14.86	16.35	13.79	11.11
	14.57	16.07	13.53	10.90
	20.18	22.00	19.52	14.46
<i>Aug.</i>	19.80	21.62	19.19	14.21

**Table 11.7 - PROCESSED OVERSEAS CONTRACT WORKERS
1975 TO 1988**

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
1987	496,854	425,881	70,973
1988	477,764	381,892	95,872

Source: Philippine Overseas Employment Administration.

Figure 11.1 Employed Persons by Major Industry Group, Third Quarter,
1981 - 1988

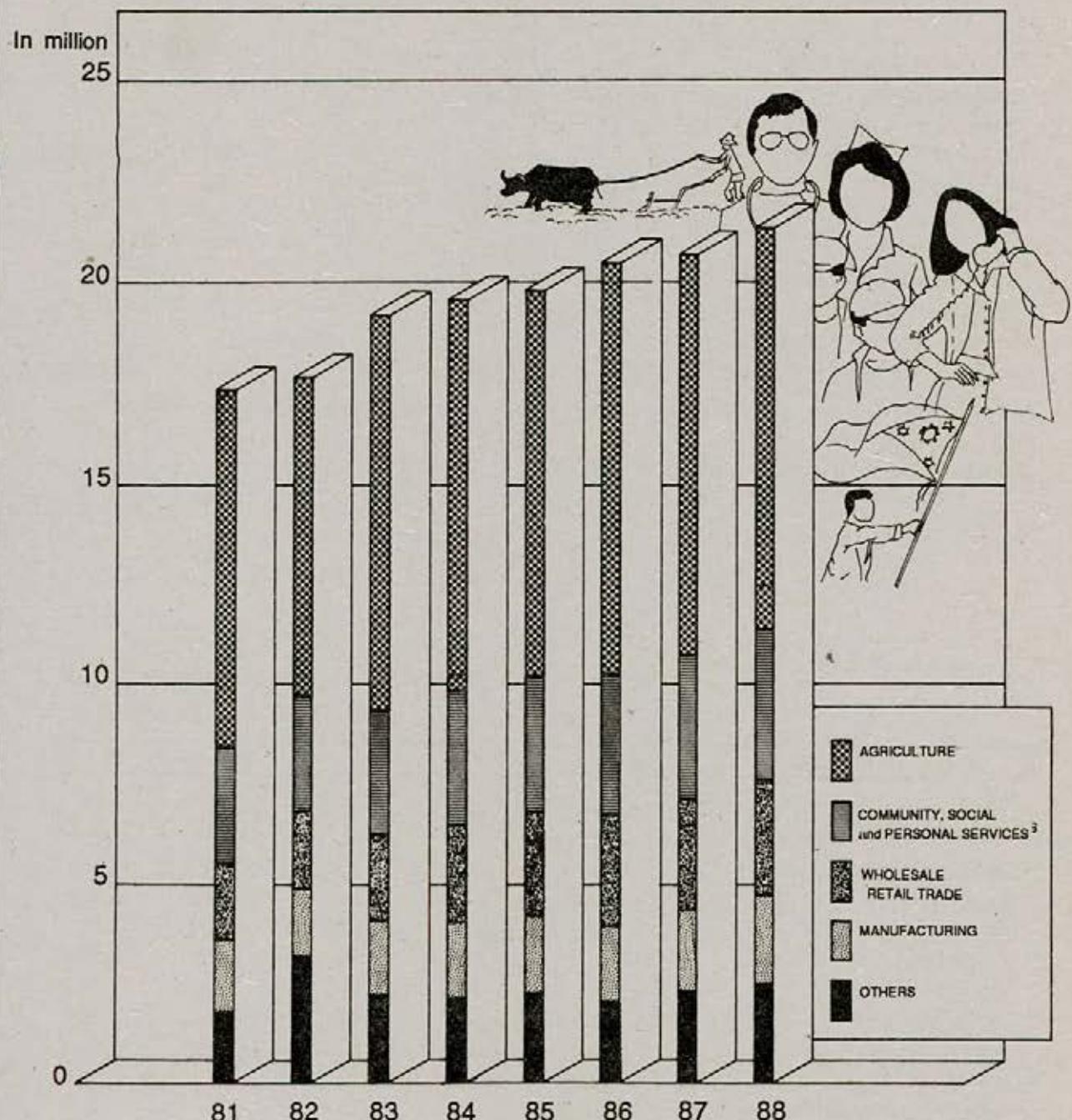


Table 11.8 - PROCESSED LAND-BASED OCCUPATION GROUP:

Major occupation group	1975	1976	1977	1978	1979
<i>Total</i>	12,501	19,221	36,676	50,961	92,519
<i>Professional, technical and related workers</i>	6,685	6,796	4,707	11,335	17,964
<i>Managerial, executive and administrative workers</i>	71	82	210	331	1,441
<i>Clerical workers</i>	225	370	944	1,516	2,896
<i>Sales workers</i>	53	16	30	69	265
<i>Service workers</i>	2,747	3,893	4,576	7,910	14,089
<i>Agricultural, animal husbandry forestry workers and fishermen</i>	118	74	123	37	186
<i>Production process workers, transport equipment operators and laborer</i>	2,602	7,990	26,086	29,763	55,678

1 Includes entertainers.

Source: Philippine Overseas Employment Administration.

Table 11.9 - PROCESSED LAND-BASED WORLD GROUPINGS:

Major world grouping	1975	1976	1977	1978	1979
<i>Total</i>	12,501	19,221	36,676	50,961	92,519
<i>Africa</i>	342	473	515	1,305	1,134
<i>Asia</i>	4,217	5,399	5,290	9,994	12,604
<i>Europe</i>	3,160	2,902	2,482	1,268	673
<i>Middle East</i>	1,552	7,813	25,721	34,441	73,210
<i>Oceania</i>	551	133	139	80	312
<i>The Americas</i>	2,286	2,168	2,266	3,371	3,744
<i>Trust Territories</i>	393	333	263	502	842

Source: Philippine Overseas Employment Administration.

CONTRACT WORKERS BY MAJOR
1975 TO 1987

1980	1981	1982	1983	1984	1985	1986	1987
157,394	210,936	250,115	380,263	371,065	337,754	357,687	425,881
24,361	26,680	28,435	52,931	65,401	75,959	87,569	112,236
740	1,804	1,462	1,870	1,222	1,202	1,317	1,675
5,383	2,585	8,519	14,189	15,117	15,141	15,261	15,929
451	466	1,394	2,259	2,295	2,780	3,562	4,268
23,442	33,109	43,248	58,151	77,564	91,381	117,127	144,542
1,581	1,322	1,158	1,641	1,578	1,217	1,557	2,690
101,436	144,970	165,899	249,222	207,888	150,074	131,294	144,541

CONTRACT WORKERS BY MAJOR
1975 TO 1987

1980	1981	1982	1983	1984	1985	1986	1987
157,394	210,936	250,115	380,263	371,065	337,754	357,687	425,881
1,611	2,144	1,098	2,353	2,146	2,053	2,072	2,125
17,708	20,322	31,011	40,814	43,385	54,411	76,650	96,018
846	1,126	1,465	2,878	3,724	3,679	4,225	6,610
132,044	183,582	210,972	323,414	311,517	266,617	262,758	306,757
165	223	714	2,072	1,027	845	1,129	1,344
3,534	2,101	3,707	5,646	5,905	6,897	6,692	7,574
1,486	1,438	1,148	3,086	3,361	3,252	4,161	5,453

Table 11.10 - DEPLOYED LAND-BASED CONTRACT WORKERS BY MAJOR WORLD GROUPINGS: 1984 TO 1988

Major World Grouping	1984	1985	1986	1987	1988
Total	300,378	320,494	323,517	382,229	385,117
<i>Africa</i>	1,843	1,977	1,847	1,856	1,958
<i>Asia</i>	38,817	52,838	72,536	90,434	92,648
<i>Europe</i>	3,683	4,067	3,693	5,643	7,614
<i>Middle East</i>	250,210	253,867	236,434	272,038	267,035
<i>Oceania</i>	913	953	1,080	1,271	1,397
<i>The Americas</i>	2,515	3,744	4,035	5,614	7,902
<i>Trust Territories</i>	2,397	3,048	3,892	5,373	6,563

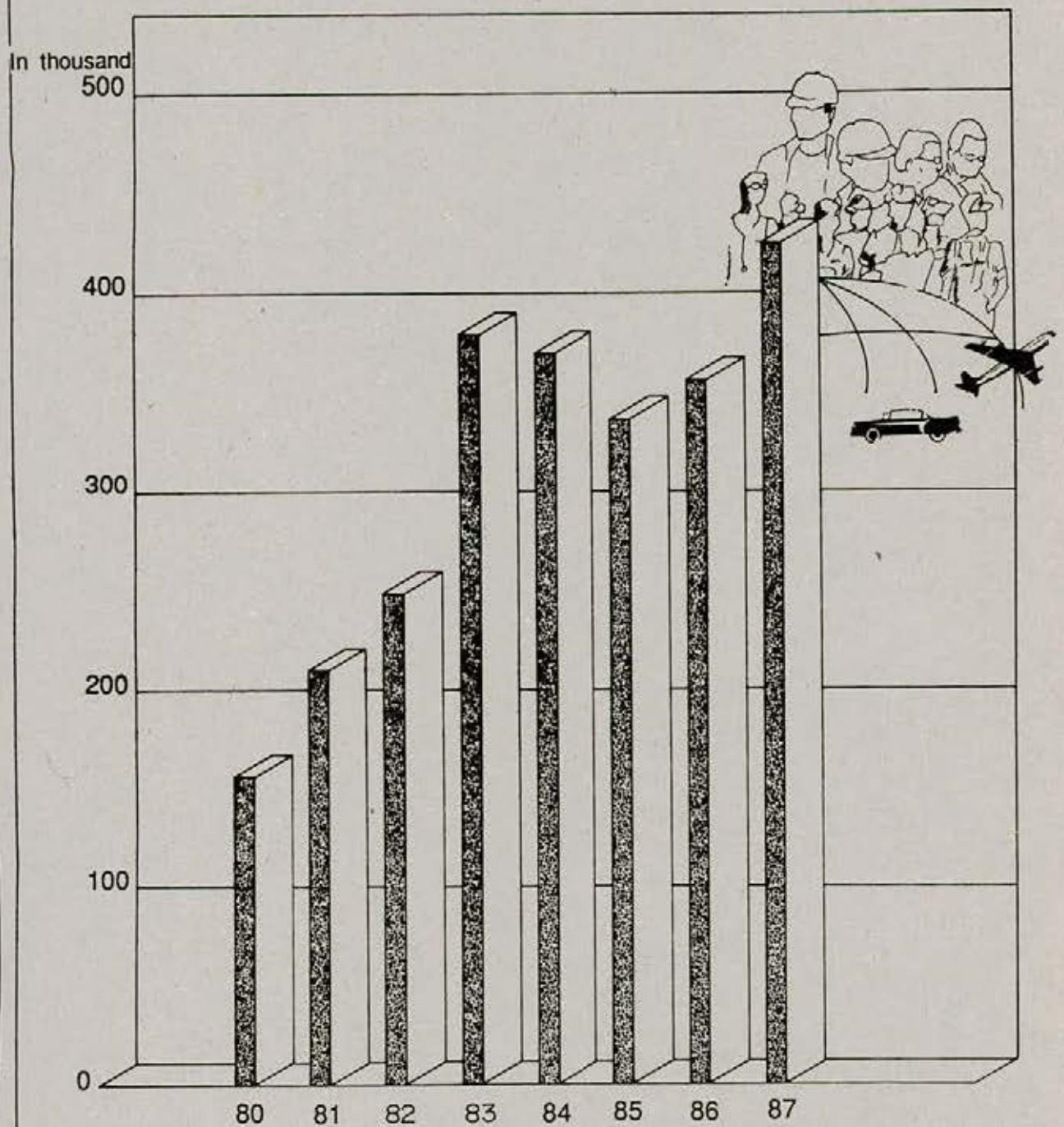
Source: Philippine Overseas Employment Administration.

Table 11.11 - DEPLOYED OVERSEAS CONTRACT WORKERS: 1984 to 1988

	1984	1985	1986	1987	1988
Total	350,982	372,784	378,214	449,271	471,030
<i>Land Based</i>	300,378	320,494	323,517	382,229	385,117
<i>Sea Based</i>	50,604	52,290	54,697	67,042	85,913

Source: Philippine Overseas Employment Administration.

Figure 11.2 Number of Processed Land - Based Contract Workers, 1980 - 1987



12 SOCIAL SERVICES

This chapter deals with statistics on services extended to the most disadvantaged citizens and communities, including the working populations. The economic well-being and social development of these groups are the concerns of the Department of Social Welfare and Development (DSWD). Specifically, the DSWD provides basic social services which include: (a) self-employment assistance; (b) practical skills development and job placement; (c) day care services and supplemental feeding; (d) emergency assistance; (e) family planning, nutrition, population awareness and sex education; and (f) special social services.

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.

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Figure 12.1 Benefits Paid by the Government Service Insurance System,
1980 - 1988

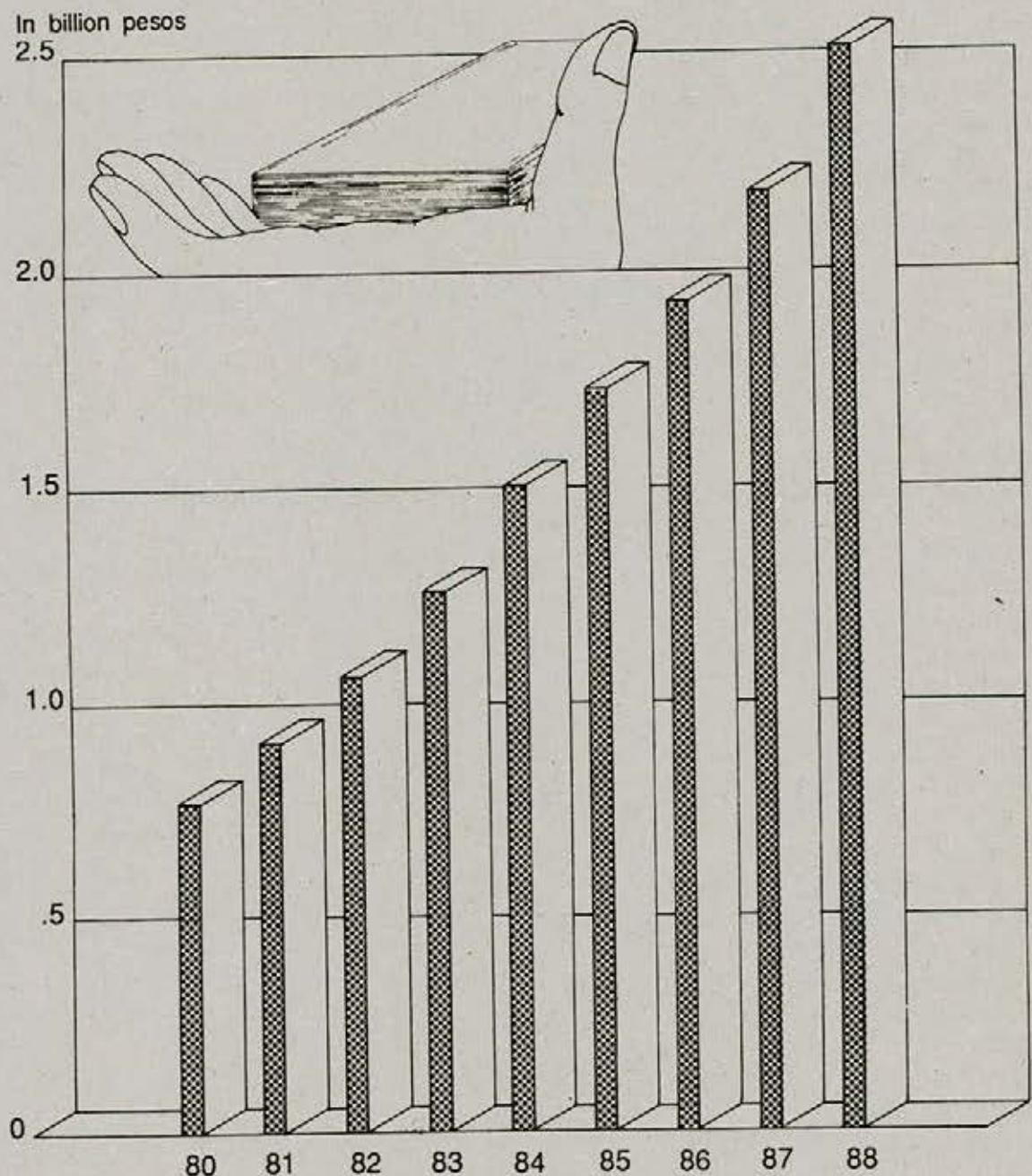


Table 12.1 - OUTREACH HEADCOUNT BY CLIENTELE AND

Year and Clientele Category	Total	Metropolitan Manila Area (NCR)			
			1	2	3
FY 1974-1975					
<i>Family heads and other needy adults</i>	852,474	a	37,042	33,088	81,023
<i>Children</i>	508,996	a	35,623	42,813	31,999
<i>Youth</i>	653,139	a	43,995	43,697	71,068
<i>Disabled and special groups</i>	163,840	a	7,804	6,307	8,587
<i>Distressed</i>	3,771,786	a	399,901	415,546	210,402
FY 1975-1976					
<i>Family heads and other needy adults</i>	1,050,645	a	53,334	46,477	102,409
<i>Children</i>	630,025	a	44,745	52,969	41,358
<i>Youth</i>	747,763	a	52,601	52,055	56,799
<i>Disabled and special groups</i>	230,170	a	13,831	12,052	10,253
<i>Distressed</i>	2,337,564	a	272,660	77,884	504,242
1977					
<i>Family heads and other needy adults</i>	556,659	44,269	62,478	24,527	33,019
<i>Children</i>	474,890	24,833	38,886	23,175	54,046
<i>Youth</i>	547,892	18,830	37,973	22,564	51,748
<i>Disabled and special groups</i>	90,198	3,024	7,170	3,504	3,948
<i>Distressed</i>	732,320	35,565	6,417	8,682	103,996
1978					
<i>Family heads and other needy adults</i>	935,809	57,006	101,790	43,602	91,916
<i>Children</i>	796,962	44,296	63,997	49,473	106,597
<i>Youth</i>	704,684	28,289	47,265	37,256	94,392
<i>Disabled and special groups</i>	143,003	6,042	13,788	6,699	13,693
<i>Distressed</i>	2,135,240	388,455	123,982	78,771	456,302
1979					
<i>Family heads and other needy adults</i>	1,011,542	43,608	107,679	74,436	87,042
<i>Children</i>	905,809	33,029	70,906	45,715	96,711
<i>Youth</i>	656,342	21,022	59,062	40,348	67,787
<i>Disabled and special groups</i>	147,924	5,041	19,577	8,165	12,010
<i>Distressed</i>	1,350,913	76,731	45,507	44,616	73,658

BY REGION: FY 1974-1975 to CY 1988

		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	0
109,321	42,060	43,350	46,024	36,021	41,902	52,267	27,616	0
129,802	60,851	40,381	41,714	52,465	56,806	72,928	39,432	0
39,089	5,665	14,582	19,013	15,519	19,724	18,817	8,733	0
636,713	76,971	157,182	47,011	106,093	690,409	412,907	618,651	0
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
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

Table 12.1 - OUTREACH HEADCOUNT BY CLIENTELE AND

Year and Clientele Category	Total	Metropolitan Manila Area (NCR)			
			1	2	3
1980					
<i>Family heads and other needy adults</i>	964,504	43,860	116,133	65,393	72,392
<i>Children</i>	871,847	47,318	73,487	59,166	100,961
<i>Youth</i>	579,227	28,173	57,107	34,756	45,226
<i>Disabled and special groups</i>	176,316	7,523	25,862	13,121	9,472
<i>Distressed</i>	1,124,264	78,624	85,337	147,979	110,737
1981					
<i>Family heads and other needy adults</i>	1,061,465	66,493	119,143	89,680	83,514
<i>Children</i>	969,649	46,822	78,721	82,609	81,423
<i>Youth</i>	613,004	28,457	56,214	42,561	53,796
<i>Disabled and special groups</i>	182,181	9,569	27,845	12,146	10,706
<i>Distressed</i>	2,586,343	90,976	101,949	91,802	178,616
1982					
<i>Family heads and other needy adults</i>	931,546	34,754	115,495	80,096	76,328
<i>Children</i>	937,040	36,998	80,378	72,167	73,457
<i>Youth</i>	588,954	16,666	53,630	40,940	56,015
<i>Disabled and special groups</i>	162,832	6,221	36,357	10,545	8,070
<i>Distressed</i>	2,921,631	68,733	154,565	146,332	166,825
1983					
<i>Family heads and other needy adults</i>	957,598	48,457	142,949	79,049	68,424
<i>Children</i>	904,654	26,791	78,418	61,063	71,816
<i>Youth</i>	565,883	26,345	56,935	37,232	54,263
<i>Disabled and special groups</i>	158,143	11,729	34,670	12,986	6,546
<i>Distressed</i>	3,126,353	151,554	114,399	109,850	191,053
1984					
<i>Family heads and other needy adults</i>	1,105,996	71,831	121,141	115,178	86,396
<i>Children</i>	1,055,280	31,961	92,253	103,297	78,016
<i>Youth</i>	637,951	34,792	57,377	47,337	57,305
<i>Disabled and special groups</i>	177,737	14,968	30,477	20,519	6,978
<i>Distressed</i>	5,847,111	180,743	415,595	136,001	191,319

BY REGION: FY 1974-1975 to CY 1988 (continued)

	R	e	g	i	o	n		
4	5	6	7	8	9	10	11	12
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	58,107	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
100,466	57,517	122,322	47,997	45,866	70,510	58,687	56,454	58,900
82,420	126,591	115,882	50,162	27,992	90,019	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

Table 12.1 - OUTREACH HEADCOUNT BY CLIENTELE AND

Year and Clientele Category	Total	Metropolitan Manila Area (NCR)			
			1	2	3
1985					
<i>Family heads and other needy adults</i>	1,246,540	76,806	129,421	113,236	82,833
<i>Children</i>	1,036,360	34,712	86,878	100,702	71,507
<i>Youth</i>	702,638	28,691	60,326	44,588	48,939
<i>Disabled and special groups</i>	217,137	23,381	32,502	17,484	7,530
<i>Distressed</i>	3,581,521	376,995	275,988	130,220	348,037
1986					
<i>Family heads and other needy adults</i>	1,299,273	72,047	121,424	108,525	100,086
<i>Children</i>	1,390,376	62,955	120,078	105,264	100,777
<i>Youth</i>	681,835	21,678	55,347	43,076	49,937
<i>Disabled and special groups</i>	219,370	12,712	33,690	18,966	7,999
<i>Distressed</i>	1,826,302	194,144	113,895	73,485	257,970
1987					
<i>Family heads and other needy adults</i>	1,239,361	59,492	126,196	102,267	108,091
<i>Children</i>	1,441,364	73,178	125,645	76,987	109,431
<i>Youth</i>	608,640	20,827	54,332	43,885	46,763
<i>Disabled and special groups</i>	198,148	14,931	33,464	14,092	8,850
<i>Distressed</i>	2,912,080	72,334	108,576	85,537	32,219
1988					
<i>Family heads and other needy adults</i>	1,229,131	64,681	78,144	67,375	134,541
<i>Disadvantaged Child and Youth²</i>	1,833,723	100,372	121,831	95,919	127,216
<i>Disabled and special groups</i>	195,232	13,945	20,248	13,947	9,303
<i>Distressed¹</i>	3,881,362	341,382	132,679	95,085	393,457
<i>Disadvantaged women³</i>	143,762	6,988	4,981	9,490	5,928

a Included in Region 4.

1 In some instances, distressed cases are counted in more than one category because of the multiplicity of services rendered. Hence, the nonduplicated count of clients served may be less than the computed total.

2 Children and youth were combined in 1988.

3 Women, new clientele due to the creation of the Bureau of Women in 1988.

Source: Department of Social Welfare and Development.

Note: NCR - National Capital Region

CAR - Cordillera Autonomous Region

BY REGION: FY 1974-1975 to CY 1988 (continued)

	R	e	g	I	o	n				CAR
4	5	6	7	8	9	10	11	12		
133,502	95,447	142,418	57,009	77,472	120,177	53,953	69,124	95,142		
98,658	110,227	112,261	59,772	37,646	112,739	56,523	63,251	91,484		
63,398	45,053	99,894	30,126	41,627	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		
158,138	96,674	149,853	73,413	78,712	79,759	54,089	61,322	91,355		
200,537	110,931	189,224	99,788	102,270	71,553	87,396	79,012	115,412		
53,873	29,550	96,103	30,497	46,249	41,726	52,295	48,740	43,800		
16,915	10,429	19,274	10,440	13,751	17,315	8,645	13,584	16,458		
435,791	928,754	64,045	41,423	390,812	106,840	171,044	237,743	236,962		
129,683	77,646	120,662	94,571	46,407	78,847	157,788	51,118	75,317	52,351	
218,111	148,700	255,202	172,736	116,847	110,881	92,205	113,643	86,828	73,232	
14,097	8,719	16,044	18,030	10,512	13,025	15,251	15,221	15,193	11,697	
485,943	456,563	289,840	179,221	846,174	114,693	160,320	165,206	179,317	41,482	
11,893	14,508	5,998	24,704	15,922	6,071	12,691	6,310	13,804	4,474	

Table 12.2 - COVERAGE AND CONTRIBUTIONS RECEIVED BY THE GOVERNMENT SERVICE AND INSURANCE SYSTEM: FY 1970-1971 to 1988
(In millions)

Year	Membership ¹	All Funds	Social Insurance Fund ²	Optional Life Insurance Fund ³	General Insurance Fund ⁴	Medicare Insurance Fund ⁵	Employees Compensation Insurance Fund ⁶
1970-71	0.64	386.5	...	-	17.8	-	-
1971-72	0.67	483.8	431.5	-	22.2	-	-
1972-73	0.70	520.8	...	-	43.3	-	-
1973-74	0.73	530.2	...	-	62.6	-	-
1974-75	0.75	632.2	...	-	89.4	-	-
1976 ⁷	0.79	340.3	170.1	-	128.4	21.4	20.4
1977	0.83	1,036.7	761.8	-	143.1	74.2	57.6
1978	0.87	1,318.3	925.1	61.4	182.7	73.7	75.4
1979	0.95	1,631.4	1,154.6	59.8	216.9	132.7	67.4
1980	1.09	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	3,021.9	2,090.1	87.7	519.2	188.9	136.0
1986	1.27	3,477.6	2,264.5	131.9	737.9	190.7	152.6
1987	1.28	4,399.4	2,800.4	172.8	930.2	278.1	217.9
1988	1.33	4,647.7	3,070.9	200.2	938.8	245.5	192.3

1 Refers to social security coverage as of June 30 or December 31.

2 Composed of life insurance and retirement insurance prior to 1979.

3 Started operation 1978.

4 Refers to gross premium written.

5 Started operation in 1972.

6 Started operation in March 1975.

7 July to December 31.

Source: Government Service Insurance System Annual Reports.

**Table 12.3 - BENEFITS PAID BY THE GOVERNMENT SERVICE
INSURANCE SYSTEM BY FUND: FY 1964-1965 to 1988**
(In million pesos)

Year	Total	Social Insurance Fund ¹	Optional Life Insurance Fund ²	General Insurance Fund ³	Medicare Insurance Fund ⁴	Employees Compensation Insurance Fund ⁵
1964-54	74.9	60.1	-	14.8	-	-
1969-70	155.0	142.5	-	12.5	-	-
1970-71	204.6	190.1	-	14.5	-	-
1971-72	213.5	197.5	-	16.0	-	-
1972-73	346.6	297.9	-	31.8	16.9	-
1973-74	378.9	294.4	-	42.6	41.9	-
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
1987	2,183.0	1,620.9	57.5	66.0	224.5	214.1
1988	2,518.5	1,888.1	62.9	51.3	239.3	276.9

1 Composed of Life Insurance and Retirement Insurance Fund prior to 1979.

2 Started operation in 1978.

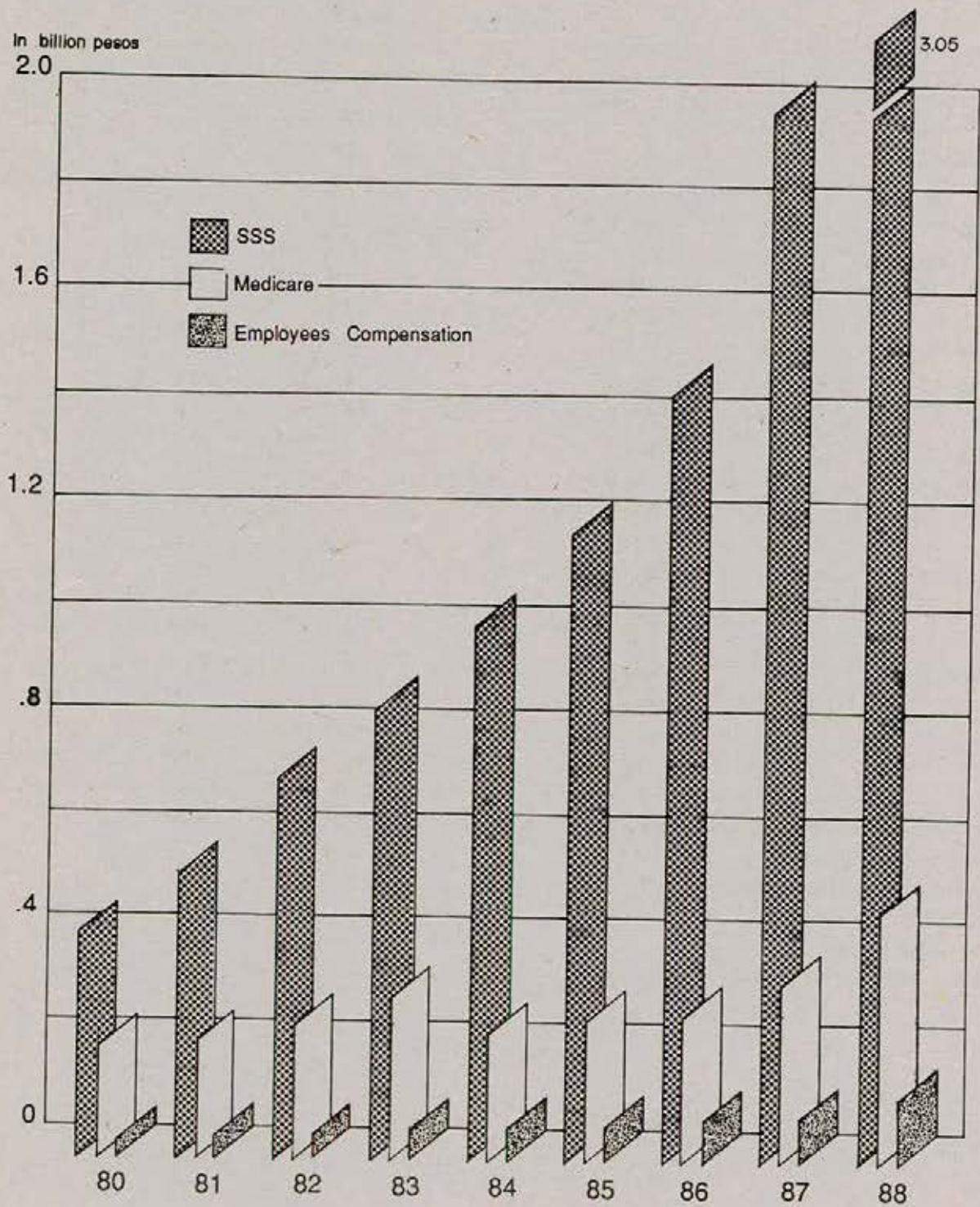
3 Refers to Property Insurance Fund prior to 1973.

4 Started operation in 1972.

5 Started operation in 1975.

Source: Government Service Insurance System.

Figure 12.2 Benefits Paid by the SSS, Medicare and Employees Compensation Fund, 1980 - 1988



**Table 12.4 - COVERAGE AND CONTRIBUTIONS RECEIVED BY THE
SOCIAL SECURITY, MEDICARE AND EMPLOYEES' COMPENSATION:
1960 to 1988 (in thousands)**

Year	Coverage ¹		All Funds	Contributions		
	Worker	Employer		Social Security ²	Medicare ²	Employees' Compensation ³
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	59,337
1976	5,587	185	839,534	613,874	140,662	84,998
1977	6,153	197	952,880	700,094	155,377	97,409
1978	6,768	209	1,104,645	821,672	173,742	109,231
1979	7,381	221	1,445,385	1,054,696	264,675	126,014
1980	8,058	231	1,617,716	1,186,582	290,548	140,586
1981	8,534	240	1,785,914	1,319,584	313,725	152,605
1982	9,029	250	1,900,274	1,405,953	330,775	163,546
1983	9,526	259	1,988,271	1,474,320	340,598	173,353
1984	9,864	270	2,112,081	1,582,809	342,421	186,851
1985	10,076	272	2,187,302	1,658,719	332,817	195,766
1986	10,294	276	2,221,353	1,688,057	335,222	198,074
1987	10,616	282	4,158,151	3,355,345	546,156	256,650
1988	10,792	296	5,172,087	4,287,645	616,054	268,388

1 As of December 31.

2 Contributions from workers and employers.

3 Contributions from employers only.

Source: Social Security System Annual Report.

**Table 12.5 – BENEFITS PAID BY THE SOCIAL EMPLOYEES' COMPENSATION FUNDS,
(In thousand)**

Year	Social Security System ¹					
	Total	Death ⁴	Disability	Sickness	Retirement	Maternity ⁵
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
1987	2,096,359	751,823	193,405	133,296	924,122	93,202
1988	3,052,324	1,076,238	274,581	315,993	1,194,989	189,728

1 Includes refund of contribution.

2 Started operation in 1972.

3 Started operation in 1975.

4 Includes funeral grants starting 1974.

5 Maternity benefits were given starting 1978.

6 Includes funeral grants starting 1980.

Source: Social Security System.

**SECURITY, MEDICARE AND
BY TYPE: 1960 to 1988**
(pesos)

Refund of Contri- bution	Medicare ²	Employees' Compensation ³					Medical Services
		Total	Death ⁶	Sickness	Rehabili- tation 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
511	350,247	88,668	47,028	11,074	4,493	11,952	14,121
795	474,474	128,921	59,551	18,289	3,503	16,571	31,007

13 TRANSPORTATION AND COMMUNICATION

The Philippines needs efficient transportation and communication network systems to provide vital links in the chain of activities that directly or indirectly promote the economic progress of the country. Considered as one of the major fields of economic activities, the sector provides planners with statistical data on infrastructure and operations that are necessary in policy formulation and economic planning. This information includes such variables as the carrying capacity of the nation's fleet of land, water and air conveyances; the extent of the road system; the distribution and customer-attending capacity of its air and seaport works; and the information/message-handling capacity of its postal and telecommunications networks.

Statistics on the number of registered motor vehicles by type, fuel used and place of registration are being compiled by the Land Transportation Office. The Department of Public Works and Highways takes charge of the collection and compilation of statistics on roads and bridges.

Rail transport statistics obtained from the records of the Philippine National Railways include net freight-ton-kilometers handled; passenger-kilometers performed; and revenue tonnage carried by class of commodity.

Data on air transport refer to the operating and traffic statistics of domestic air carriers, particularly the Philippine Air Lines. These figures include information on the system-wide operations of the air carrier as to distance coverage, and passenger and cargo services which are further classified into domestic and international operations. The 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 at the Port of Manila. These are by-products of the administrative and regulatory functions of the Bureau of Customs. The Philippine Ports Authority maintains data on the number of government and privately-owned ports and subports in the operation throughout the archipelago. The Philippine Coast Guard maintains the number and gross tonnage of registered vessels by type of service.

The communications network revolves around telecommunications and postal data systems. Telecommunication statistics include number of licensed radio stations classified by type and ownership; and number of other telecommunication stations, such as telephone, telegraph, telex and telegram, operating in the country. These are compiled by the National Telecommunication Commission. Postal service statistics, particularly the mail volume handled, are compiled by the Bureau of Posts.

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*Table 13.1 – NUMBER OF PASSENGERS, FREIGHT
BY PHILIPPINE NATIONAL*

Year	Passengers carried (thousand)	Passenger revenue (thousand pesos)	Revenue per passenger	Freight tons carried (thousand)
1950	6,185.3	6,742.0	1.09	787.2
1955	7,148.1	8,291.8	1.16	1,130.8
1960	9,442.4	13,502.6	1.43	1,337.1
1965	8,234.8	16,222.6	1.97	837.3
1970	6,052.1	26,629.2	4.40	277.7
1971	5,132.9	30,848.7	6.01	378.8
1972	4,477.6	29,776.0	6.65	204.8
1973	3,754.5	20,612.2	5.49	257.0
1974	4,451.1	26,484.0	5.95	331.8
1975	5,399.6	32,181.6	5.96	280.6
1976	4,255.0	44,347.0	10.42	208.6
1977	4,892.8	43,779.0	8.95	194.3
1978	4,012.4	39,437.0	9.83	158.7
1979	3,021.8	34,833.0	11.53	145.5
1980	2,465.7	42,429.0	17.21	141.9
1981	1,651.4	32,257.0	19.53	115.8
1982	1,316.2	27,996.0	21.27	79.2
1983	1,375.6	36,214.0	26.33	65.3
1984	1,262.6	48,796.0	38.65	72.1
1985	749.0	41,977.0	56.04	53.0
1986	909.6	45,519.0	50.04	64.0
1987	1,177.8	61,220.0	51.98	62.2
1988	968.1	64,768.0	66.90	57.0

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
RAILWAYS: 1950 to 1988**

Freight revenue (thousand pesos)	Revenue per freight ton (pesos)	Express tons carried (thousand (thousand pesos)	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	144.67	19.4	6,988.2	360.22
7,341.8	114.72	21.5	8,116.7	377.60
7,903.6	127.07	27.7	9,452.8	341.60
7,976.5	139.90	23.3	10,091.2	433.10

**Table 13.2 - NUMBER OF MOTOR VEHICLES REGISTERED
BY TYPE OF VEHICLE: 1982 to 1988**

Type of Vehicle	1982	1983	1984	1985	1986	1987	1988
<i>Total</i>							
<i>motor vehicles</i>	1,087,180	1,200,803	1,165,557	1,120,172	1,185,832	1,159,048	1,251,447
<i>Private</i>	947,807	1,068,114	1,035,732	988,143	925,229	914,045	1,007,021
<i>Cars</i>	318,975	348,637	343,747	332,473	338,687	331,907	349,637
<i>Utility vehicles</i>	317,718	354,015	340,553	328,179	334,930	355,194	397,520
<i>Buses</i>	4,671	4,191	3,676	2,804	3,119	3,444	3,269
<i>Trucks</i>	88,061	93,727	86,335	79,759	82,050	85,710	95,740
<i>Motorcycles/</i>							
<i> Tricycles</i>	203,492	252,338	245,500	231,207	153,563	126,755	149,267
<i> Trailers</i>	14,890	15,206	15,921	13,721	12,880	11,035	11,588
<i>For hire</i>	77,393	83,350	87,082	90,607	219,871	207,384	204,093
<i>Cars</i>	8,894	9,698	8,344	7,123	9,086	7,355	7,092
<i>Utility vehicles</i>	41,688	50,256	56,353	57,961	62,491	66,018	55,895
<i>Buses</i>	11,939	11,962	11,253	11,641	11,586	11,278	11,420
<i>Trucks</i>	7,336	7,710	7,407	6,362	6,054	5,899	5,435
<i>Motorcycles/</i>							
<i> Tricycles</i>	6,079	2,772	2,753	6,622	129,873	116,079	123,418
<i> Trailers</i>	1,457	952	972	898	781	755	833
<i>Government</i>	58,368	44,040	37,657	36,947	36,527	33,410	35,636
<i>Cars</i>	13,151	5,884	6,071	5,694	6,130	4,783	4,941
<i>Utility vehicles</i>	25,075	23,654	19,815	19,690	19,133	17,971	19,038
<i>Buses</i>	748	561	350	291	269	398	390
<i>Trucks</i>	9,723	7,416	6,200	6,001	5,694	4,589	5,241
<i>Motorcycles/</i>							
<i> Tricycles</i>	8,872	6,315	5,080	5,161	5,189	5,208	5,924
<i> Trailers</i>	799	210	141	110	112	461	102
<i>Diplomatic</i>	3,612	5,299	5,086	4,475	4,205	4,209	4,697

Source: Land Transportation Office.

Figure 13.1 Operating and Traffic Statistics of the Philippine Airlines,
System - wide Operations, 1980 - 1988
(In million pesos)

Revenue Passenger Carried



Revenue Cargo Carried

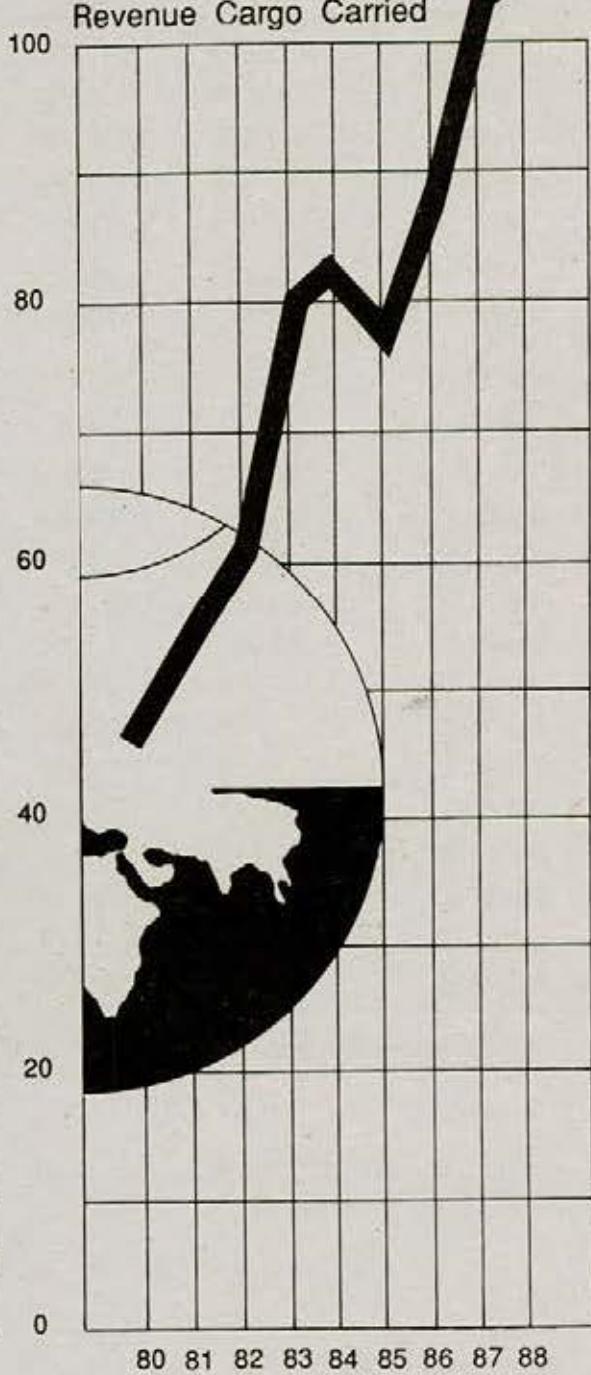


Table 13.3 – NUMBER OF MOTOR VEHICLES REGISTERED

Year	Total		Cars		Utility vehicles	
	New	Renewal	New	Renewal	New	Renewal
	133,449	872,581	35,645	282,440	35,072	329,634
1982	137,192	949,988	33,292	308,757	38,948	346,362
1983	137,250	1,063,553	31,111	335,891	38,075	389,850
1984	60,216	1,105,341	12,722	348,000	17,610	399,111
1985	41,570	1,078,602	8,589	339,360	11,669	394,161
1986	60,633	1,125,199	7,571	349,117	13,826	402,728
1987	71,000	1,105,753	10,657	348,108	23,144	418,613
1988	87,963	1,182,520	16,322	360,324	33,543	441,556
Metro Manila Area						
(Nat. Cap. Region)	45,035	472,949	11,438	229,583	16,814	172,590
Region 1	3,114	70,404	127	12,182	648	27,274
Region 2	2,473	27,935	28	3,031	475	9,703
Region 3	10,428	161,592	2,658	38,556	4,104	65,705
Region 4	13,080	117,170	1,362	23,003	8,490	57,497
Region 5	868	27,893	2	3,281	49	9,838
Region 6	2,022	57,032	135	11,617	580	19,767
Region 7	5,193	72,996	408	17,239	1,395	22,105
Region 8	887	20,550	3	1,665	84	7,110
Region 9	514	27,483	9	2,130	126	8,012
Region 10	1,433	42,130	40	5,373	270	14,117
Region 11	2,584	60,773	104	9,597	438	19,312
Region 12	332	23,613	8	3,067	70	8,526

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, NEW AND RENEWAL: 1981 to 1988

Trucks		Buses		Motorcycles/ Tricycles		Trailers	
New	Renewal	New	Renewal	New	Renewal	New	Renewal
11,661	91,479	2,270	15,551	47,313	139,677	1,488	13,800
10,336	96,538	1,187	16,171	51,342	167,101	2,087	15,059
9,746	101,110	1,042	15,672	55,608	205,817	1,668	15,213
4,759	97,312	433	14,846	23,366	229,967	1,326	16,105
3,220	90,718	277	14,459	16,965	226,025	850	13,879
3,413	91,805	309	14,665	34,750	253,875	764	13,009
5,112	92,640	545	14,628	30,430	219,138	1,112	12,626
6,438	101,589	573	14,510	29,659	251,243	1,428	13,298
4,747	28,246	138	3,922	11,211	32,477	687	6,131
65	5,449	63	1,735	2,194	23,159	17	605
222	4,199	50	513	1,641	10,184	57	305
439	14,824	79	2,570	2,799	37,154	349	2,783
332	9,229	153	2,003	2,665	24,455	78	983
8	2,435	7	939	800	11,334	2	66
62	9,854	7	244	1,222	15,015	16	535
418	6,795	25	565	2,776	25,708	171	584
6	2,591	9	322	781	8,704	4	158
23	2,440	20	256	335	14,559	1	86
42	5,667	4	553	1,057	16,063	20	357
61	7,388	15	581	1,947	23,259	19	636
13	2,472	3	307	231	9,172	7	69

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
1987	829,850	333,165	346,573	12,192	226,567	215,190
1988	905,864	349,893	364,355	12,291	248,612	226,487
Metro Manila Area						
(Nat. Cap. Region)	383,238	127,928	231,821	9,200	103,138	86,266
Region 1	50,287	22,609	11,939	370	12,767	15,155
Region 2	19,105	10,941	2,908	151	4,227	5,951
Region 3	120,137	48,751	40,489	725	37,159	32,650
Region 4	74,098	55,091	23,914	451	22,234	43,753
Region 5	19,807	8,886	3,214	69	4,203	5,684
Region 6	39,338	19,165	11,112	640	12,583	7,764
Region 7	65,400	12,034	17,443	204	18,057	5,443
Region 8	15,798	5,477	1,643	25	4,357	2,837
Region 9	22,956	4,954	2,126	13	5,565	2,573
Region 10	30,883	12,303	5,357	56	7,957	6,430
Region 11	46,664	16,038	9,388	313	11,169	8,581
Region 12	18,153	5,716	3,001	74	5,196	3,400

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, BY TYPE OF FUEL USED: 1981 to 1988

Trucks		Buses		Motorcycles/ Tricycles		Trailers
Gas	Diesel	Gas	Diesel	Gas	Diesel	
35,584	67,556	5,365	12,456	180,709	6,281	15,288
28,690	78,184	3,207	14,151	210,358	8,085	17,146
23,050	87,806	1,939	14,775	254,211	7,214	16,861
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
11,719	86,033	1,478	13,695	243,513	6,055	13,738
14,899	93,128	797	14,286	277,201	3,701	14,726
4,362	28,631	240	3,820	43,677	11	6,818
203	5,311	35	1,763	25,343	10	622
130	4,291	15	548	11,825	0	362
2,566	12,697	29	2,620	39,894	59	3,132
786	8,775	44	2,112	27,120	0	1,061
206	2,237	64	882	12,120	14	68
2,713	7,203	30	221	12,900	3,337	551
1,355	5,858	61	529	28,484	0	755
316	2,281	19	312	9,463	22	162
362	2,101	9	267	14,894	0	87
546	5,163	4	553	17,019	101	377
934	6,515	46	550	25,127	79	655
420	2,065	201	109	9,335	68	76

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

Year, vessels and tonnage	Domestic trade				
	Total	Manila	Cebu	Iloilo	Zamboanga
1970					
<i>Number of vessels</i>	122,465	13,962	30,064	18,162	12,423
<i>Gross tonnage</i>	62,383	11,657	14,488	9,154	4,258
<i>Net tonnage</i>	35,930	6,548	8,637	5,121	2,365
1971					
<i>Number of vessels</i>	113,906	13,402	28,797	17,384	10,695
<i>Gross tonnage</i>	59,604	11,875	14,805	8,080	3,533
<i>Net tonnage</i>	33,920	6,581	8,305	4,880	1,963
1972					
<i>Number of vessels</i>	123,303	15,081	30,647	17,421	11,964
<i>Gross tonnage</i>	65,069	13,066	15,578	9,299	4,048
<i>Net tonnage</i>	36,371	7,086	8,810	5,261	2,307
1973					
<i>Number of vessels</i>	136,775	18,150	32,184	19,921	13,133
<i>Gross tonnage</i>	65,258	12,905	15,527	9,101	4,226
<i>Net tonnage</i>	38,180	7,347	9,244	5,401	2,427
1974					
<i>Number of vessels</i>	147,539	18,683	29,965	20,820	12,875
<i>Gross tonnage</i>	68,748	13,207	14,183	9,066	3,551
<i>Net tonnage</i>	42,518	7,729	8,984	6,197	2,088
1975					
<i>Number of vessels</i>	155,126	18,071	31,492	20,956	16,040
<i>Gross tonnage</i>	72,993	11,573	16,264	8,724	4,516
<i>Net tonnage</i>	44,178	6,920	8,636	7,224	2,691
1976					
<i>Number of vessels</i>	158,635	21,038	34,106	17,915	15,611
<i>Gross tonnage</i>	75,834	13,122	16,287	8,047	5,022
<i>Net tonnage</i>	44,946	8,655	8,910	4,725	2,956
1977					
<i>Number of vessels</i>	168,548	23,757	37,957	19,241	16,080
<i>Gross tonnage</i>	78,314	14,164	16,778	8,959	5,829
<i>Net tonnage</i>	47,917	9,799	9,341	6,334	3,231
1978					
<i>Number of vessels</i>	165,360	23,349	35,244	15,419	16,977
<i>Gross tonnage</i>	79,004	15,155	15,267	7,896	5,414
<i>Net tonnage</i>	49,914	10,404	8,998	7,592	3,121

**OF VESSELS ENTERED AND
AND INTERNATIONAL: 1970 to 1988
(thousands)**

Others	Total	Manila	International trade			
			Cebu	Iloilo	Zamboanga	Others
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
CLEARED IN SELECTED PORTS, DOMESTIC
(Tonnage in

Year, vessels and tonnage	Total	Domestic trade			
		Manila	Cebu	Iloilo	Zamboanga
1979					
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
1980					
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
1981					
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
1982					
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	
1983					
Number of vessels	140,307	22,801	24,935	13,609	14,370
Gross tonnage	89,446	21,508	14,661	7,437	6,437
Net tonnage	56,614	12,976	10,315	7,237	3,694
1984					
Number of vessels	126,901	22,178	22,235	12,595	13,345
Gross tonnage	85,487	20,268	16,676	8,472	6,473
Net tonnage	51,407	11,030	8,143	8,047	3,586
1985					
Number of vessels	138,671	17,638	20,173	9,849	13,118
Gross tonnage	91,204	18,549	14,984	7,132	5,838
Net tonnage	52,726	11,424	6,957	3,976	3,182
1986					
Number of vessels	137,491	18,149	18,610	9,274	13,229
Gross tonnage	95,938	20,411	13,675	6,878	5,864
Net tonnage	55,267	12,518	7,116	3,753	3,205
1987					
Number of vessels	145,279	18,583	19,391	9,087	13,229
Gross tonnage	99,186	20,879	13,922	6,909	5,896
Net tonnage	57,879	13,358	7,309	3,656	3,329
1988					
Number of vessels	148,612	19,838	19,227	8,932	13,320
Gross tonnage	104,631	22,288	15,310	6,754	6,993
Net tonnage	60,922	14,613	8,060	3,798	3,747

Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Limay, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, Jose Jose Panganiban, San Fernando, Tabaco, Tacloban, Legaspi, Misibate, Osamis, Puerto Princesa, Surigao and Virac.
Includes volume of export and import cargo loaded and unloaded at the Ninoy Aquino International Airport.

**OF VESSELS ENTERED AND
AND INTERNATIONAL: 1970 to 1988 (continued)**
(thousands)

Others	Total	Manila	International trade			
			Cebu	Iloilo	Zamboanga	Others
75,004	14,690	5,702	1,002	601	288	7,097
38,433	0	0	0	0	0	0
21,184	77,310	23,804	3,754	2,122	1,865	45,765
67,172	13,561	5,340	848	600	254	6,519
37,595	0	0	0	0	0	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	0	0	0	0	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	0	0	0	0	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	0	0	0	0	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	0	0	0	0	0
20,601	72,492	19,276	2,814	1,511	2,037	46,854
77,893	10,971	3,752	608	230	288	6,093
44,701	0	0	0	0	0	0
27,187	67,625	16,017	3,015	869	2,000	45,724
78,229	11,846	3,970	710	204	286	6,676
49,110	0	0	0	0	0	0
28,675	73,101	18,741	3,348	723	1,976	48,313
84,989	11,865	4,255	811	121	272	6,406
51,580	0	0	0	0	0	0
30,227	76,934	22,118	3,878	680	2,170	48,088
87,295	12,427	4,252	944	124	263	6,845
53,286	0	0	0	0	0	0
30,704	77,654	22,104	3,991	631	1,826	49,102

Source: National Statistics Office.

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
1987	2,141	11,186	2,114	10,932
1988	2,138	11,118	2,114	10,986

Source: National Statistics Office.

COASTWISE SHIPPING

1970 to 1988

Coastwise shipping movements
at major ports (26 ports)

Entered		Cleared	
Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
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
72,649	28,961	72,598	28,915
74,244	30,618	74,368	30,304

Table 13.7 - NUMBER AND GROSS TONNAGE

Vessels by gross tonnage/ by type of service	1980		1981		1982		1983	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	695	1,038,872	793	428,648	872	894,533	796	1,064,279
<i>Passenger ships</i>	32	14,985	14	3,272	22	5,369	46	68,289
<i>Cargo ships</i>	170	971,358	122	303,188	196	772,523	179	916,972
<i>Tanker</i>	25	20,710	33	6,045	7	15,604	24	7,594
<i>Tugs, dredges, etc.</i>	64	10,633	28	2,130	47	5,575	43	5,740
<i>Light barges, etc.</i>	54	11,741	279	93,351	109	68,455	77	40,016
<i>Fishing vessels</i>	346	9,365	313	20,595	474	16,917	355	21,818
<i>Sailing vessels</i>	4	80	4	66	15	132	40	2,524
<i>Pleasure yachts</i>	0	0	0	0	1	20	14	566
<i>Miscellaneous ships</i>	0	0	0	0	1	9,938	18	760

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

OF REGISTERED PHILIPPINE VESSELS: 1980 to 1988

1984		1985		1986		1987		1988	
Number of vessels	Gross tonnage								
698	2,703,026	835	4,334,241	819	4,393,786	1,128	5,906,312	1,129	4,563,349
9	3,404	12	31,401	10	4,910	15	4,347	30	74,033
216	2,314,287	278	4,168,829	256	4,105,828	334	5,820,463	322	4,300,914
15	332,308	44	71,221	20	201,670	17	13,004	22	108,828
26	4,891	38	9,115	39	5,312	32	6,491	41	4,432
37	30,231	63	32,764	49	51,242	66	31,066	83	44,254
217	12,298	282	17,012	328	21,079	462	28,047	419	26,387
105	2,544	75	2,069	73	2,225	156	1,851	51	1,306
13	391	7	296	5	90	17	925	9	473
60	2,672	36	1,534	39	1,430	29	118	152	2,722

**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
1987	54,856	52,956	54,584	131	54,715
1988	60,937	58,530	59,866	132	59,998

Source: Philippine Air Lines.

**OF THE PHILIPPINE AIRLINES,
1950 to 1988
(thousands)**

Passenger service			Total revenue ton kilometer	Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried		
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
9,259,910	12,200,536	5,244	971,152	104,311
10,712,832	13,986,713	5,717	1,360,994	106,780

**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
1987	22,639	21,803	22,613	91	22,704
1988	23,769	22,114	22,844	109	22,953

Source: Philippine Air Lines.

**OF THE PHILIPPINE AIRLINES,
1950 to 1988
(thousands)**

Passenger service				Total revenue cargo carried (kg)
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	
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
1,774,545	2,213,965	3,769	168,324	65,939
1,868,192	2,262,588	3,956	174,293	63,820

**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
1987	32,217	31,153	31,971	40	32,011
1988	37,168	36,416	37,022	23	37,045

Source: Philippine Air Lines.

**OF THE PHILIPPINE AIRLINES,
1950 to 1988
(thousands)**

Passenger service				Total revenue
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	cargo carried (kg)
110,289	250,877	19	17,184	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
7,485,365	9,986,571	1,475	802,828	38,372
8,844,640	11,724,125	1,761	1,186,701	42,960

Table 13.11-AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS, MANILA: 1975 TO 1988

Year	Number of Flights	Number of Passengers		
		Total	Arrival	Departure
1975	10,460	1,205,826	579,601	626,225
1976	14,388	1,286,706	605,744	680,962
1977	16,534	1,604,914	771,043	833,871
1978	20,243	1,943,674	972,497	971,177
1979	20,736	1,996,813	1,018,741	978,072
1980	20,537	2,616,587	1,237,741	1,378,846
1981	20,503	2,650,546	1,339,053	1,311,493
1982	19,625	3,027,555	1,480,041	1,547,514
1983	19,936	3,088,337	1,487,676	1,600,661
1984	19,221	3,106,660	1,505,165	1,601,495
1985	19,328	3,172,764	1,521,767	1,650,997
1986	19,656	3,213,675	1,538,394	1,675,281
1987	20,626	3,542,826	1,678,943	1,863,883
1988	22,267	3,952,753	1,909,868	2,042,885

Note: Transit/transfer passengers are included in either arrival or departure passengers.

Source: Ninoy Aquino International Airport Authority.

**Table 13.12 – NUMBER OF REGISTERED AIRPORTS
FY 1959–60 to CY 1988**

Year	Total	National	Private
<i>FY 1959–60</i>	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
<i>CY 1976</i>	131	79	52
1977	135	79	56
1978	181	82	99
1979	202	85	117
1980	206	86	120
1981	205	85	120
1982	226	85	141
1983	227	86	141
1984	227	86	141
1985	228	87	141
1986	230	87	143
1987	227	84	143
1988	170	76	94

Source: Bureau of Air Transportation.

**Table 13.13 - PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE:
FY 1964-1965 to CY 1988
(In kilometers)**

Year	All types	Earth	Macadam	Bituminous	Concrete	Miscellaneous
Total						
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	0.00
1980	151,918.76	53,914.64	70,284.71	17,634.41	10,085.00	0.00
1981	153,528.08	55,210.82	70,581.52	17,475.51	10,260.23	0.00
1982	154,473.30	10,417.04	124,595.72	11,106.41	8,354.13	0.00
1983	155,671.06	9,953.13	125,901.97	11,273.56	8,542.40	0.00
1984	157,139.10	9,580.17	127,531.31	11,298.51	8,729.11	0.00
1985	161,879.88	9,902.68	130,656.79	11,989.71	9,330.71	0.00
1986	162,325.13	9,684.19	131,341.61	11,933.78	9,365.56	0.00
1987	157,809.77	9,311.83	126,398.97	12,534.67	9,564.30	0.00
1988	157,253.20	9,068.14	125,856.51	12,524.26	9,804.29	0.00
National						
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	0.00
1980	23,641.10	856.47	12,668.54	4,906.35	5,209.74	0.00

**Table 13.13 - PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE:
FY 1964-1965 to CY 1988 (continued)**
(In kilometers)

Year	All types	Earth	Macadam	Bituminous	Concrete	Miscellaneous
1981	23,488.72	928.12	12,324.98	4,912.88	5,322.74	0.00
1982	23,783.45	886.40	12,431.35	4,918.44	5,547.26	0.00
1983	24,140.47	594.94	12,755.73	5,078.66	5,711.14	0.00
1984	25,116.75	651.19	13,419.89	5,316.35	5,729.32	0.00
1985	26,203.81	833.10	13,625.87	5,608.17	6,136.68	0.00
1986	26,229.68	747.13	13,702.00	5,618.34	6,162.21	0.00
1987	26,082.34	708.34	13,400.32	5,793.64	6,180.04	0.00
1988	26,070.05	730.06	13,250.24	5,874.84	6,214.91	0.00
<i>Local</i>						
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	82,765.28	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	0.00
1980	128,277.66	53,058.17	57,616.17	12,728.06	4,875.26	0.00
1981	130,039.36	54,282.70	58,256.54	12,562.63	4,937.49	0.00
1982	130,689.85	9,530.64	112,164.37	6,187.97	2,806.87	0.00
1983	131,530.59	9,358.19	113,146.24	6,194.90	2,831.26	0.00
1984	132,022.35	8,928.98	114,111.42	5,982.16	2,999.79	0.00
1985	135,676.07	9,069.58	117,030.92	6,381.54	3,194.03	0.00
1986	136,095.45	8,937.06	117,639.60	6,315.44	3,203.35	0.00
1987	131,727.43	8,603.49	112,998.65	6,741.03	3,384.26	0.00
1988	131,183.15	8,338.08	112,606.27	6,649.42	3,589.38	0.00

Source: Department of Public Works and Highways.

**Table 13.14 – NUMBER AND LENGTH OF EXISTING BRIDGES
IN THE PHILIPPINES: FY 1960–61 to CY 1988**
(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 ¹	...	...	...	...	...	...
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
1987	11,572	7,211	4,361	304,305.31	225,640.75	78,664.56
1988	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56

¹ No report for 1967–68.

Source: Department of Public Works and Highways.

Table 13.15 – NUMBER OF OPERATIONAL PORTS, BY REGION: 1982 to 1988

Year	Total	Port of Entry	Sub-port of Entry	Other national port	Municipal port	Private port
1982	543	38	15	24	226	240
1983	542	38	14	24	225	241
1984	542	38	14	24	226	240
1985	592	38	15	25	231	283
1986	607	38	15	25	237	292
1987	606	24	48	24	231	279
1988 ¹	392	19	54	0	85	234
<i>Metro Manila Area</i>						
(NCR)	13	2	1	-	-	10
Region 1	10	1	-	-	2	7
Region 2	2	-	2	-	-	-
Region 3	0	-	-	-	-	-
Region 4	46	2	8	-	9	27
Region 5	12	1	6	-	-	5
Region 6	35	1	3	-	6	25
Region 7	84	2	10	-	25	47
Region 8	30	1	7	-	16	6
Region 9	22	2	6	-	1	13
Region 10	76	3	5	-	19	49
Region 11	35	2	2	-	5	26
Region 12	27	2	4	-	2	19

¹ Starting 1988 other national is included in municipal port.

Source: Philippine Ports Authority.

**Table 13.16 – NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP:
FY 1949–50 to CY 1988**

Year	Total	Government 1	Private
FY 1949–50	1,337	595	742
1954–55	1,903	732	1,171
1959–60	3,746	1,517	2,229
1964–65	5,898	1,550	4,348
1969–70	10,596	2,446	8,150
1970–71	11,198	2,447	8,751
1971–72	12,991	3,222	9,769
1972–73	...	...	...
1974	11,868	1,683	10,185
1975	12,752	1,522	11,230
1976	13,278	1,504	11,774
1977	16,697	1,564	15,133
1978	16,605	1,590	15,015
1979	15,344	5,038	10,306
1980	20,022	5,340	14,682
1981	23,670	5,601	18,069
1982	33,121	6,397	26,724
1983	44,593	7,785	36,808
1984	50,014	8,341	41,673
1985	52,695	8,604	44,091
1986	56,113	1,963	54,150
1987	28,117	1,917	26,200
1988	31,587	2,015	29,572

1 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,
1981 - 1988

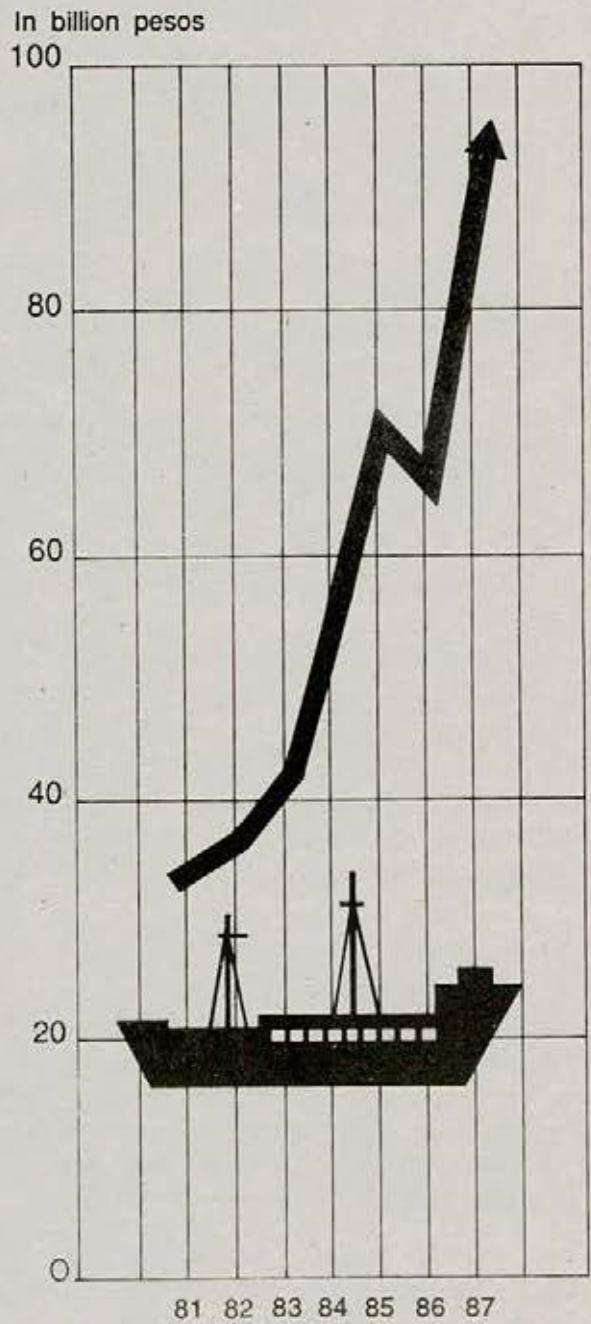


Table 13.17 - NUMBER OF LICENSED RADIO

Type of station	1977	1978	1979	1980	1981
<i>Total</i>	16,697	16,605	15,344	20,022	23,670
<i>Government</i>	1,564	1,590	5,038	5,340	5,601
<i>Private</i>	15,133	15,015	10,306	14,682	18,069
<i>Broadcast radio stations</i>	349	363	365	377	583
<i>Broadcast AM</i>	233	238	239	236	416
<i>Broadcast FM</i>	25	34	34	77	86
<i>Broadcast SW</i>	91	91	92	64	81
<i>Television stations</i>	25	30	31	32	43
<i>Fixed point to point stations</i>	5,146	5,790	4,779	5,396	6,467
<i>Commercial CP</i>	2,689	3,162	2,443	...	3,534
<i>Non-commercial CV</i>	2,457	2,628	2,336	...	2,933
<i>Coastal station</i>	143	166	171	241	162
<i>Aircraft radio station</i>	829	830	515	729	590
<i>Land base radio station</i>	708	722	650	867	1,295
<i>Land mobile radio station</i>	3,643	3,745	1,147	1,619	2,744
<i>Citizens band radio station</i>	850	858	870	2,930	3,236
<i>Amateur radio stations</i>	523	534	455	601	744
<i>Radio training stations</i>	65	70	70	75	80
<i>Fixed aeronautical stations</i>	123	127	147	157	161
<i>Ship stations</i>	2,729	1,750	1,076	1,628	1,930
<i>Maritime portable stations</i>	...	30	30	30	34
<i>Repeater stations</i>	...	...	...	...	...
<i>TV relay/x'lator</i>	...	...	...	...	...
<i>Portable</i>	...	...	...	...	...
<i>Radio navigation</i>	...	...	...	...	...
<i>Special stations</i>	...	...	...	...	...

Note: Data for 1975 - 1984 for Broadcast radio stations include ancillaries and other transceivers licenses.

Data for 1987 are existing radio stations.

Source: National Telecommunications Commission.

STATIONS, BY TYPE OF STATION: 1977 to 1988

1982	1983	1984	1985	1986	1987	1988
33,121	44,593	50,014	52,695	64,717	28,117	31,587
6,397	7,785	8,341	8,604	10,567	1,917	2,015
26,724	36,808	41,673	44,091	54,150	26,200	29,572
778	752	795	378	378	411	389
560	589	622	294	294	218	273
137	142	152	80	80	83	111
81	21	21	4	4	110	5
52	56	56	68	68	51	42
9,705	14,243	15,810	16,277	19,130	6,122	6,463
5,035	8,571	9,692	10,129	10,443	992	973
4,670	5,672	6,118	6,148	8,687	5,130	5,490
244	315	380	403	477	763	642
702	790	895	962	1,122	18	472
1,920	2,402	2,693	2,824	3,494	2,533	2,652
5,617	9,198	10,668	12,086	15,094	5,290	6,920
3,388	3,388	3,633	3,633	3,663	912	492
1,070	1,734	2,559	2,976	4,983	7,900	7,853
119	143	337	357	357	85	85
161	205	205	210	210	68	69
2,934	3,546	3,606	3,881	5,138	1,884	2,269
34	36	36	36	36	0	0
...	...	...	...	...	...	43
...	...	...	...	...	92	45
...	...	...	...	...	...	1,043
...	...	...	...	...	...	5
...	...	...	...	...	71	88

Table 13.18 – TELECOMMUNICATION FACILITIES AND BY REGION:

Region	Telephone		
	Lines	Exchange	Telegraph Stations
Philippines	636,578	268	1,913
<i>Metropolitan Manila Area</i>			
(National Capital Region)	453,691	...	...
Region 1	20,571	31	173
Region 2	1,948	17	129
Region 3	34,627	85	148
Region 4	33,008	45	278
Region 5	6,700	15	170
Region 6	23,750	16	195
Region 7	22,300	10	167
Region 8	4,500	10	185
Region 9	5,937	6	74
Region 10	7,413	9	161
Region 11	18,583	18	130
Region 12	3,550	6	103

Source: National Telecommunications Commission.

BROADCASTING STATIONS IN THE PHILIPPINES,**1988**

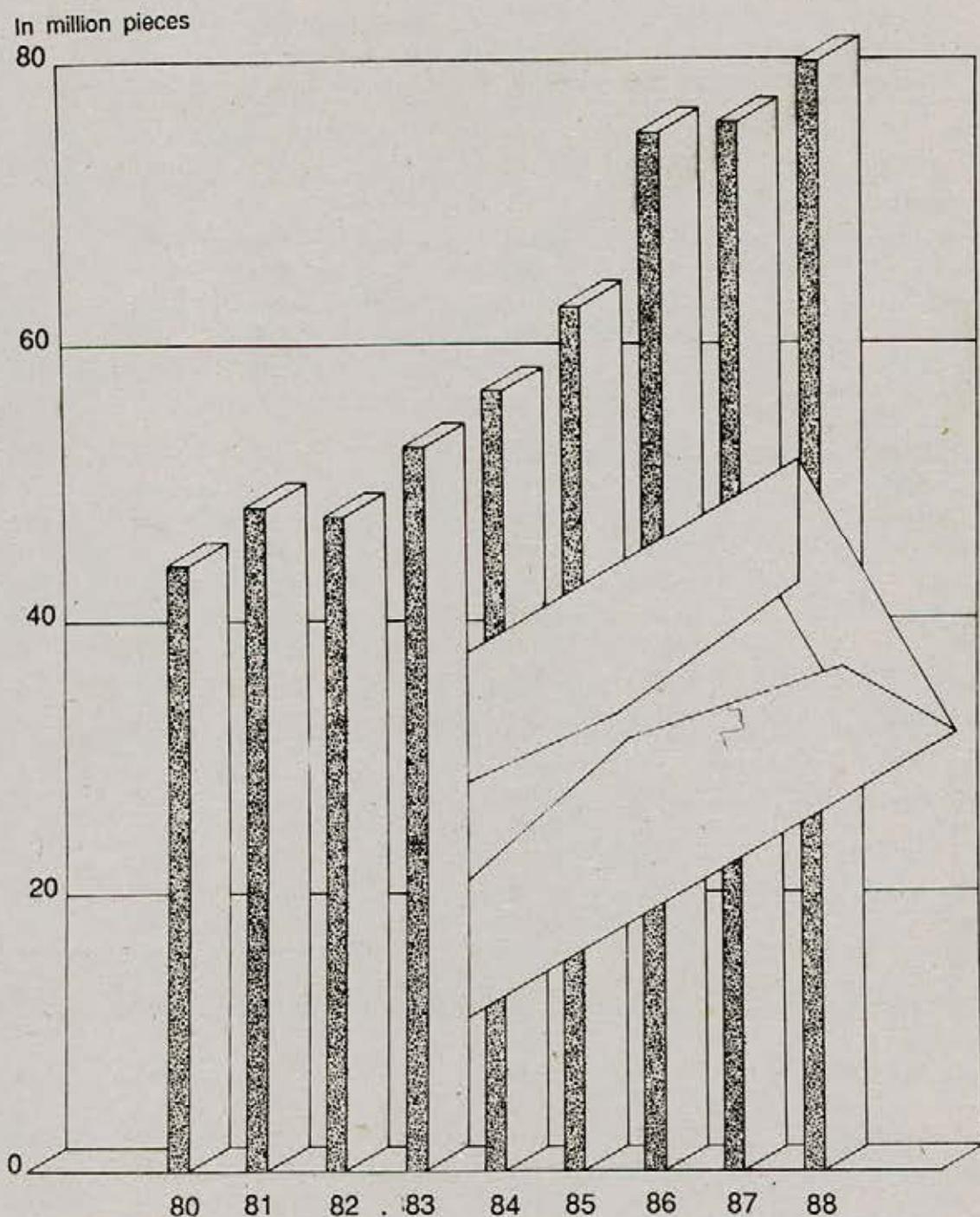
Telex Stations	Facsimile Stations	Radio Telephone	Radio Stations
93	9	107	31,587
...	...	...	16,067
10	1	7	1,817
6	-	5	364
13	-	11	932
10	-	29	1,439
9	1	26	1,478
10	2	7	1,993
7	1	3	2,559
5	1	9	457
3	1	1	745
9	1	6	1,542
4	1	-	1,905
7	-	3	289

Table 13.19 - SUMMARY OF MAIL VOLUME HANDLED: 1979 to 1988

Year	Posted Mails	Received from Foreign Countries	Total	Percent Increase (Decrease)
1979	292,211,521	108,843,586	401,055,107	10.00
1980	319,854,652	120,149,103	440,003,755	10.00
1981	350,026,174	131,310,956	481,337,130	9.00
1982	348,748,524	128,387,684	477,136,218	(1.00)
1983	355,537,020	173,965,609	529,502,629	10.00
1984	400,953,068	167,705,010	568,658,078	7.00
1985	431,566,581	193,002,210	624,568,791	10.00
1986	555,913,199	194,992,094	750,905,293	20.00
1987	588,902,493	167,483,566	756,386,059	1.00
1988	636,604,462	162,610,399	799,214,861	6.00

Source: Bureau of Posts

Figure 13.3 Summary of Mail Volume Handled, 1980 - 1988



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

Year/ Mode of Transport/ Origin	Desti						
	Total		Metropolitan Manila		Region 1		Region 1
	Quantity	Value	Area (NCR)	Value	Quantity	Value	
1981							
All Commodities	103,984	173,284	34,474	44,326	1,785	1,312	
<i>Metropolitan</i>							
Manila Area (NCR)	20,969	74,746	54	104	298	771	
Region 1	1,186	1,750	354	803	4	11	
Region 3	20,402	9,811	220	443	1,400	286	
Region 4	24,092	23,207	17,046	11,045	63	146	
Region 5	37,335	63,769	16,800	31,930	19	96	
1982							
All Commodities	92,788	135,786	33,124	34,754	16,660	2,688	
<i>Metropolitan</i>							
Manila Area (NCR)	14,406	54,330	3	30	249	1,217	
Region 1	1,473	2,182	361	1,004	5	13	
Region 3	23,304	6,139	73	285	16,279	1,068	
Region 4	20,380	15,915	15,698	5,956	70	193	
Region 5	33,224	57,220	16,988	27,478	57	198	
1983							
All Commodities	73,670	144,357	28,801	32,272	294	1,597	
<i>Metropolitan</i>							
Manila Area (NCR)	13,628	42,268	2	23	129	800	
Region 1	2,584	3,079	351	1,126	3	9	
Region 3	9,867	30,238	117	500	82	452	
Region 4	16,459	14,725	11,269	5,294	64	234	
Region 5	31,133	54,046	17,061	25,329	16	102	
1984							
All Commodities	75,781	167,631	30,874	63,585	2,595	11,992	
<i>Metropolitan</i>							
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	29,349	76,941	17,061	39,695	16	117	

FLOW IN THE PHILIPPINES

RAIL, 1981 to 1988

Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
14,744	6,694	20,750	31,507	32,231	89,444
196	976	1,249	7,227	19,171	65,666
173	342	66	69	589	524
14,010	4,072	19	57	4,753	4,952
107	384	3,460	3,895	3,416	7,736
257	920	15,956	20,258	4,302	10,565
7,280	6,561	15,670	25,765	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
3,142	3,817	13,786	23,771	27,647	82,900
147	694	495	2,746	12,854	38,006
276	424	12	38	1,940	1,481
2,196	1,252	13	74	7,459	27,960
30	142	3,215	4,290	1,880	4,765
492	1,304	10,050	16,623	3,514	10,688
18,230	8,857	10,610	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

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

Year/ Mode of Transport/ Origin		Desti					
Total			Metropolitan Manila				
	Quantity	Value	Area (NCR)	Value	Region 1	Quantity	Value
1985							
All Commodities	59,784	166,162	24,188	63,186	8	39	
<i>Metropolitan</i>							
Manila Area (NCR)	8,482	27,881	33	19	2	9	
Region 1	-	-	-	-	-	-	
Region 3	4,145	16,669	25	92	2	14	
Region 4	20,183	46,763	13,198	31,612	2	10	
Region 5	26,972	74,848	10,932	31,464	1	6	
1986							
All Commodities	69,430	180,953	24,281	69,391	62	406	
<i>Metropolitan</i>							
Manila Area (NCR)	8,539	30,582	3	14	17	162	
Region 1	-	-	-	-	-	-	
Region 3	114	580	32	116	31	141	
Region 4	21,050	51,941	15,652	37,260	8	42	
Region 5	39,727	97,850	8,594	32,001	6	61	
1987							
All Commodities	70,742	249,199	26,955	82,770	78	568	
<i>Metropolitan</i>							
Manila Area (NCR)	14,958	74,626	7	111	27	256	
Region 1	-	-	-	-	-	-	
Region 3	1,216	2,847	51	227	28	167	
Region 4	24,137	52,723	15,639	32,513	14	74	
Region 5	30,431	119,002	11,257	49,919	9	72	
1988							
All Commodities	74,431	361,839	20,237	86,893	5,709	16,372	
<i>Metropolitan</i>							
Manila Area (NCR)	19,085	151,226	6	81	26	100	
Region 1	-	-	-	-	-	-	
Region 3	6,343	17,372	10	33	5,678	16,229	
Region 4	24,322	56,643	13,486	29,112	2	13	
Region 5	24,679	136,598	6,734	57,667	3	30	

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
RAIL, 1981 to 1988 (continued)
Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
4,258	17,093	17,689	39,415	13,641	46,428
42	96	808	2,645	7,596	25,111
-	-	-	-	-	-
4,104	16,420	2	15	12	128
26	254	4,749	8,400	2,208	6,488
85	322	12,130	28,355	3,824	14,701
257	1,103	26,819	55,083	18,011	54,971
125	273	413	2,024	7,981	28,109
-	-	-	-	-	-
37	180	2	21	12	122
30	293	3,337	7,144	2,023	7,203
64	357	23,067	45,894	7,995	19,537
1,635	5,563	19,163	64,139	22,911	96,159
251	1,865	921	6,546	13,751	65,849
-	-	-	-	-	-
1,115	2,243	6	42	16	168
225	1,163	3,989	7,511	4,270	11,462
44	292	14,247	50,039	4,873	18,680
163	657	17,979	63,932	30,343	193,984
60	125	543	4,430	18,450	146,490
-	-	-	-	-	-
11	70	2	9	643	1,031
59	353	4,695	11,455	6,080	15,710
33	109	12,739	48,038	5,170	30,753

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Mode of Transport/ Origin	Year/ Total Quantity	Value	Metropolitan Manila		Desti	
			Area (NCR)		Region 1 Quantity	Region 1 Value
			Quantity	Value		
1981						
<i>All Commodities</i>	17,476	1,888,318	8,610	652,013	27	2,457
<i>Metropolitan</i>						
<i>Manila Area (NCR)</i>	6,928	851,030	-	-	18	2,101
<i>Region 1</i>	135	4,001	12	2,146	-	-
<i>Region 2</i>	44	17,182	23	16,215	4	103
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	1,123	24,898	1,121	24,597	*	13
<i>Region 5</i>	277	124,850	237	90,848	*	16
<i>Region 6</i>	2,113	283,275	1,953	271,172	*	29
<i>Region 7</i>	2,347	295,868	1,235	105,997	1	81
<i>Region 8</i>	112	6,372	96	5,411	*	2
<i>Region 9</i>	1,646	78,964	1,530	49,178	*	14
<i>Region 10</i>	974	59,340	931	40,333	*	26
<i>Region 11</i>	1,408	115,699	1,136	36,697	2	52
<i>Region 12</i>	369	26,839	335	9,418	*	20
1982						
<i>All Commodities</i>	22,091	1,950,618	12,970	764,109	25	2,734
<i>Metropolitan</i>						
<i>Manila Area (NCR)</i>	6,882	681,156	-	-	14	2,187
<i>Region 1</i>	255	6,028	37	2,820	-	-
<i>Region 2</i>	52	45,235	23	43,414	5	88
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	1,277	33,150	1,274	32,779	1	57
<i>Region 5</i>	384	33,490	338	32,318	1	12
<i>Region 6</i>	3,977	203,603	3,775	195,853	1	34
<i>Region 7</i>	3,158	642,844	1,970	231,003	1	215
<i>Region 8</i>	429	11,929	415	11,244	*	9
<i>Region 9</i>	1,754	154,893	1,579	121,478	1	29
<i>Region 10</i>	1,338	57,906	1,273	43,810	*	31
<i>Region 11</i>	2,165	53,027	1,895	35,042	2	45
<i>Region 12</i>	421	27,357	392	14,346	*	26

FLOW IN THE PHILIPPINES

AIR, 1981 to 1988

Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
170	16,234	-	-	540	34,694	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	38
*	11	-	-	16	119	8	332
-	-	-	-	*	1	*	9
*	24	-	-	*	9	*	30
*	5	-	-	*	5	1	36
*	20	-	-	*	24	6	194
*	11	-	-	*	1	3	235
235	8,754	-	-	610	55,300	152	32,924
71	5,293	-	-	594	54,787	111	31,536
139	1,858	-	-	2	32	*	10
24	1,516	-	-	*	30	*	1
-	-	-	-	-	-	-	-
*	2	-	-	*	38	*	40
*	4	-	-	1	69	17	377
*	7	-	-	1	78	2	84
*	1	-	-	5	114	10	370
*	1	-	-	*	11	*	9
*	13	-	-	*	16	1	35
*	10	-	-	*	10	2	62
*	31	-	-	5	65	5	87
*	17	-	-	*	48	4	312

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1981						
All Commodities	1,886	390,276	1,765	253,925	351	24,273
Metropolitan						
<i>Manila Area (NCR)</i>	1,326	289,623	1,445	163,423	293	20,948
<i>Region 1</i>	28	336	2	125	*	1
<i>Region 2</i>	*	21	*	8	*	2
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	*	120	1	51	*	10
<i>Region 5</i>	4	185	18	10,295	1	13
<i>Region 6</i>	1	62	104	6,731	5	269
<i>Region 7</i>	475	47,674	44	20,668	49	2,760
<i>Region 8</i>	2	83	10	729	-	-
<i>Region 9</i>	2	120	24	13,541	*	46
<i>Region 10</i>	4	293	16	12,248	1	104
<i>Region 11</i>	38	51,446	90	10,454	2	96
<i>Region 12</i>	3	311	10	15,651	*	24
1982						
All Commodities	1,943	246,434	1,887	170,994	381	29,867
Metropolitan						
<i>Manila Area (NCR)</i>	1,315	227,329	1,520	124,516	310	21,695
<i>Region 1</i>	69	929	2	148	*	11
<i>Region 2</i>	*	21	*	14	*	101
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	1	90	*	59	*	16
<i>Region 5</i>	2	64	17	458	*	6
<i>Region 6</i>	2	164	145	5,019	5	220
<i>Region 7</i>	504	15,698	43	12,686	55	7,447
<i>Region 8</i>	2	97	8	359	*	*
<i>Region 9</i>	4	240	48	2,905	*	46
<i>Region 10</i>	6	378	17	11,837	2	77
<i>Region 11</i>	36	1,224	76	7,838	8	194
<i>Region 12</i>	2	199	10	5,155	*	54

FLOW IN THE PHILIPPINES
AIR, 1981 to 1988 (continued)
Value in thousand pesos)

nation

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	343	39,220
696	62,701	897	93,874	1,243	125,579	278	31,614
*	11	1	32	4	192	1	29
*	15	*	4	*	10	-	-
-	-	-	-	-	-	-	-
*	1	*	10	*	24	*	6
*	25	1	14	3	110	3	25
5	256	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	38	10,979	5	473
4	256	2	153	15	5,835	1	44
72	7,910	54	8,185	1	127	5	493
3	232	1	122	1	147	12	667
909	96,009	1,037	235,523	1,629	285,860	312	22,111
659	46,798	890	61,993	1,138	88,121	259	16,900
1	28	*	31	2	125	1	36
*	18	*	8	*	16	*	6
-	-	-	-	-	-	-	-
*	15	*	17	*	28	*	8
*	26	3	33	3	105	1	18
4	212	11	625	29	1,124	4	182
109	26,831	77	169,422	355	175,574	29	3,482
*	27	1	40	2	112	*	20
44	9,897	6	715	66	19,337	4	181
4	281	3	233	30	1,026	1	149
86	5,710	45	2,261	1	137	5	394
2	6,165	1	146	1	155	8	734

**Table 13.21 - 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	Desti
1983							
All Commodities	21,497	1,299,356	14,037	526,160	16	2,420	
Metropolitan							
<i>Manila Area (NCR)</i>	5,380	492,061	*	*	10	2,025	
<i>Region 1</i>	250	6,145	43	2,726	*	2	
<i>Region 2</i>	29	28,886	11	27,861	*	40	
<i>Region 3</i>	-	-	-	-	-	-	
<i>Region 4</i>	1,557	20,464	1,554	20,236	1	20	
<i>Region 5</i>	325	123,463	288	122,160	*	20	
<i>Region 6</i>	4,115	123,770	3,969	87,311	1	32	
<i>Region 7</i>	3,793	262,710	2,566	120,551	2	193	
<i>Region 8</i>	891	13,698	879	13,185	*	3	
<i>Region 9</i>	1,369	76,880	1,244	35,792	*	21	
<i>Region 10</i>	1,116	72,133	1,064	30,610	*	26	
<i>Region 11</i>	2,247	51,100	2,024	39,773	1	31	
<i>Region 12</i>	425	28,045	396	25,955	*	9	
1984							
All Commodities	28,744	2,373,621	19,175	1,254,672	31	3,240	
Metropolitan							
<i>Manila Area (NCR)</i>	6,210	728,014	-	-	17	2,317	
<i>Region 1</i>	337	10,486	60	5,443	*	6	
<i>Region 2</i>	196	138,355	101	134,764	7	237	
<i>Region 3</i>	-	-	-	-	-	-	
<i>Region 4</i>	2,194	163,978	2,188	163,425	1	100	
<i>Region 5</i>	384	276,536	353	275,148	*	17	
<i>Region 6</i>	5,675	197,924	4,980	186,626	1	69	
<i>Region 7</i>	5,417	453,465	3,824	233,797	3	323	
<i>Region 8</i>	609	20,369	593	19,771	*	2	
<i>Region 9</i>	1,291	86,985	1,128	33,019	*	67	
<i>Region 10</i>	1,056	125,519	995	103,869	*	23	
<i>Region 11</i>	4,559	88,237	4,314	68,038	1	52	
<i>Region 12</i>	816	83,752	640	30,772	*	28	

FLOW IN THE PHILIPPINES

AIR, 1981 to 1988 (continued)

Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
124	7,917	-	-	470	27,514	119	17,714
36	5,256	-	-	461	26,918	83	16,271
71	1,679	-	-	3	49	*	48
17	928	-	-	*	20	*	5
-	-	-	-	-	-	-	-
*	4	-	-	1	31	*	24
*	7	-	-	*	22	15	555
*	2	-	-	1	231	1	128
*	*	-	-	1	164	13	499
*	2	-	-	*	6	*	18
*	8	-	-	*	2	1	18
*	9	-	-	*	*	2	11
*	23	-	-	2	54	3	84
-	-	-	-	*	16	1	53
235	9,835	-	-	517	43,629	107	15,836
28	3,919	-	-	509	42,505	83	13,814
118	2,530	-	-	4	88	*	12
88	3,302	-	-	*	3	*	1
-	-	-	-	-	-	-	-
*	2	-	-	*	66	1	70
*	22	-	-	1	79	8	356
*	5	-	-	1	128	*	28
*	1	-	-	1	668	12	1,418
*	3	-	-	*	4	*	2
*	4	-	-	*	9	1	34
*	27	-	-	*	9	*	40
*	9	-	-	1	68	1	53
*	13	-	-	*	2	*	10

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1983						
All Commodities	1,772	126,615	1,639	192,886	358	37,126
<i>Metropolitan</i>						
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	1	66	*	42	*	15
Region 5	1	46	14	417	2	26
Region 6	1	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	1	27
Region 10	5	547	24	39,752	1	56
Region 11	43	1,136	64	5,438	6	169
Region 12	2	131	6	675	*	60
1984						
All Commodities	1,899	210,559	2,387	267,903	437	60,247
<i>Metropolitan</i>						
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

AIR, 1981 to 1988 (continued)

Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
745	95,746	777	109,626	1,226	141,223	215	14,408
503	45,914	659	54,805	816	89,556	154	11,245
1	26	*	24	*	66	*	21
*	5	*	1	*	23	-	-
-	-	-	-	-	-	-	-
*	1	*	6	*	20	-	-
*	7	1	19	4	183	*	1
2	127	8	441	18	20,742	2	96
114	9,143	75	52,014	343	28,769	40	1,969
1	47	*	12	1	41	*	13
44	37,346	4	664	25	898	2	97
2	184	2	78	15	792	1	66
71	2,596	27	1,415	2	71	5	310
6	349	1	147	1	62	11	589
979	129,148	986	155,652	1,567	166,922	425	55,976
640	66,931	792	74,374	1,011	106,010	212	49,463
2	66	*	44	2	198	1	59
*	10	*	6	*	3	*	1
-	-	-	-	-	-	-	-
*	5	1	25	1	20	*	2
*	27	*	7	1	81	*	3
3	223	9	772	22	1,230	1	108
212	10,432	150	78,327	450	54,965	51	3,231
*	7	*	9	*	7	*	5
64	47,519	2	188	44	3,141	2	181
3	219	1	100	23	1,090	*	78
53	3,461	31	1,566	1	65	4	229
1	249	*	235	1	113	154	2,617

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Total		Metropolitan Manila		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1985						
All Commodities	29,908	2,875,188	20,440	1,645,888	22	3,299
<i>Metropolitan</i>						
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
1986						
All Commodities	37,624	2,952,911	22,490	1,390,942	45	5,431
<i>Metropolitan</i>						
Manila Area (NCR)	10,175	1,050,580	-	-	30	3,930
Region 1	331	18,581	47	11,456	*	7
Region 2	257	74,407	100	67,245	6	335
Region 3	-	-	-	-	-	-
Region 4	2,082	64,989	2,073	63,795	1	155
Region 5	972	179,504	839	175,835	*	243
Region 6	5,571	169,615	5,212	154,198	3	242
Region 7	7,998	461,981	5,066	120,777	2	232
Region 8	303	14,211	283	12,922	*	4
Region 9	1,717	112,365	1,362	60,719	1	96
Region 10	1,704	59,758	1,586	53,098	*	50
Region 11	5,816	708,178	5,305	644,394	2	113
Region 12	697	38,742	617	26,503	*	24

FLOW IN THE PHILIPPINES
AIR, 1981 to 1988 (continued)
Value in thousand pesos)

nation

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
290	16,823	-	-	758	69,414	287	45,469
51	7,422	-	-	734	68,052	210	42,442
87	2,628	-	-	14	446	1	15
150	6,670	-	-	*	3	*	4
-	-	-	-	-	-	-	-
*	2	-	-	1	291	1	79
*	2	-	-	1	53	12	530
1	21	-	-	5	177	1	68
*	20	-	-	2	280	57	2,033
*	1	-	-	-	-	*	19
*	7	-	-	*	22	1	70
*	9	-	-	*	45	1	77
1	23	-	-	*	39	3	124
*	18	-	-	*	6	*	6

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1985						
All Commodities	1,927	187,810	2,087	229,606	410	58,060
Metropolitan						
<i>Manila Area (NCR)</i>	1,036	153,020	1,225	153,756	297	50,632
<i>Region 1</i>	126	2,316	3	213	*	14
<i>Region 2</i>	*	27	*	20	*	1
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	2	192	*	75	*	11
<i>Region 5</i>	*	42	43	956	*	5
<i>Region 6</i>	1	136	365	8,853	4	325
<i>Region 7</i>	696	29,626	124	8,059	104	6,853
<i>Region 8</i>	1	68	14	15,116	*	1
<i>Region 9</i>	2	225	79	5,348	2	86
<i>Region 10</i>	4	328	42	14,524	*	29
<i>Region 11</i>	59	1,515	177	10,378	2	70
<i>Region 12</i>	1	315	15	12,306	*	33
1986						
All Commodities	3,389	285,042	3,317	335,863	666	83,762
Metropolitan						
<i>Manila Area (NCR)</i>	2,185	217,084	2,276	226,750	496	74,864
<i>Region 1</i>	174	3,068	3	470	*	10
<i>Region 2</i>	*	27	*	46	*	3
<i>Region 3</i>	-	-	-	-	-	-
<i>Region 4</i>	3	220	1	319	*	10
<i>Region 5</i>	1	152	108	2,154	*	37
<i>Region 6</i>	3	338	292	10,094	5	351
<i>Region 7</i>	928	60,848	137	30,032	152	7,939
<i>Region 8</i>	3	196	13	868	*	1
<i>Region 9</i>	3	228	125	5,497	10	354
<i>Region 10</i>	4	318	63	3,901	*	29
<i>Region 11</i>	82	2,215	286	53,338	2	134
<i>Region 12</i>	1	348	14	2,393	*	31

FLOW IN THE PHILIPPINES
AIR, 1981 to 1988 (continued)
Value in thousand pesos)

nation

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	345	36,277
491	64,384	735	90,605	1,068	126,205	192	23,387
3	94	1	121	4	378	1	122
*	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	54	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
1,367	150,207	1,355	181,286	3,203	341,128	455	47,544
814	86,174	1,162	122,901	1,882	168,326	335	32,634
1	65	1	108	3	219	1	88
*	17	1	39	*	10	*	7
-	-	-	-	-	-	-	-
*	38	1	45	1	31	*	5
1	54	1	104	8	297	1	43
4	288	10	1,186	32	2,471	3	181
319	17,426	104	53,070	1,168	164,927	61	4,398
*	21	*	38	2	133	*	8
147	33,694	4	620	61	2,569	3	8,487
1	117	1	77	45	1,942	1	94
65	4,571	69	2,989	1	121	1	119
14	7,741	*	109	*	82	50	1,481

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
1987							
All Commodities	41,886	3,719,829	26,724	2,221,272	33	5,637	
Metropolitan							
<i>Manila Area (NCR)</i>	8,904	1,098,969	-	-	21	3,912	
<i>Region 1</i>	274	28,539	38	22,453	*	6	
<i>Region 2</i>	238	79,335	126	74,639	1	134	
<i>Region 3</i>	-	-	-	-	-	-	
<i>Region 4</i>	1,868	60,924	1,861	59,916	2	195	
<i>Region 5</i>	897	102,133	747	98,753	*	44	
<i>Region 6</i>	5,845	282,576	5,236	241,431	2	282	
<i>Region 7</i>	10,614	408,375	7,054	195,405	3	728	
<i>Region 8</i>	369	21,200	333	18,680	*	22	
<i>Region 9</i>	2,034	143,273	1,440	64,133	2	155	
<i>Region 10</i>	2,179	108,894	2,011	99,275	*	42	
<i>Region 11</i>	7,704	1,350,370	7,005	1,320,570	1	62	
<i>Region 12</i>	961	35,240	873	26,016	*	55	
1988							
All Commodities	41,551	4,565,113	23,573	2,320,739	23	4,172	
Metropolitan							
<i>Manila Area (NCR)</i>	11,892	1,442,914	*	*	13	2,780	
<i>Region 1</i>	222	70,854	13	65,745	*	1	
<i>Region 2</i>	176	114,409	56	107,943	2	76	
<i>Region 3</i>	-	-	-	-	-	-	
<i>Region 4</i>	1,171	81,668	1,163	80,245	*	152	
<i>Region 5</i>	761	69,205	671	46,363	*	52	
<i>Region 6</i>	4,993	194,078	4,255	165,875	1	116	
<i>Region 7</i>	10,271	739,922	6,762	160,634	4	665	
<i>Region 8</i>	448	28,820	407	25,948	*	5	
<i>Region 9</i>	1,696	143,641	1,256	60,277	1	115	
<i>Region 10</i>	1,997	130,272	1,824	117,030	*	43	
<i>Region 11</i>	7,066	1,509,283	6,399	1,460,146	1	117	
<i>Region 12</i>	860	40,047	768	30,533	*	50	

FLOW IN THE PHILIPPINES
AIR, 1981 to 1988 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
207	14,350	0	0	656	76,849	319	46,039
32	7,867	-	-	638	75,624	254	41,687
65	1,971	-	-	9	253	1	70
109	4,411	-	-	*	9	*	18
-	-	-	-	-	-	-	-
*	12	-	-	1	110	1	90
*	7	-	-	2	73	3	300
*	8	-	-	2	256	2	353
*	4	-	-	2	303	52	2,555
*	1	-	-	-	8	*	35
*	3	-	-	*	59	2	261
*	20	-	-	*	74	*	115
*	32	-	-	1	69	4	492
*	13	-	-	*	11	*	63
187	14,073	0	0	700	111,118	291	75,433
20	6,496	-	-	683	107,751	228	51,508
50	1,257	-	-	2	121	*	42
117	6,257	-	-	*	5	*	17
-	-	-	-	-	-	-	-
*	15	-	-	1	206	*	273
*	2	-	-	5	192	10	20,004
*	2	-	-	4	521	1	287
*	5	-	-	4	2,117	42	2,742
*	1	-	-	-	2	*	37
*	2	-	-	*	37	4	196
*	8	-	-	1	24	1	104
*	16	-	-	1	139	2	184
*	13	-	-	*	2	*	38

**Table 13.21 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Region 6		Region 7		Region 8		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
1987							
All Commodities	3,175	284,957	3,744	329,112	814	79,257	
<i>Metropolitan</i>							
Manila Area (NCR)	1,794	218,989	2,078	242,197	471	64,224	
Region 1	153	2,714	2	533	*	30	
Region 2	*	30	*	49	*	3	
Region 3	-	-	-	-	-	-	
Region 4	2	263	1	128	*	31	
Region 5	4	318	130	2,238	*	25	
Region 6	3	184	517	35,220	7	492	
Region 7	1,065	57,009	95	7,654	308	13,730	
Region 8	2	228	30	1,912	*	*	
Region 9	10	857	348	11,985	24	533	
Region 10	7	654	95	5,969	1	36	
Region 11	132	3,343	418	17,569	2	118	
Region 12	1	368	29	3,657	*	36	
1988							
All Commodities	3,853	371,726	4,845	556,397	1,081	200,496	
<i>Metropolitan</i>							
Manila Area (NCR)	2,574	271,750	3,287	385,475	660	106,744	
Region 1	137	2,846	3	165	1	44	
Region 2	*	49	*	31	*	1	
Region 3	-	-	-	-	-	-	
Region 4	1	260	4	264	*	18	
Region 5	8	559	59	1,612	1	33	
Region 6	2	186	658	22,130	6	390	
Region 7	1,053	89,661	115	103,385	393	92,152	
Region 8	5	204	34	2,438	-	-	
Region 9	7	651	220	12,255	14	640	
Region 10	5	1,843	92	7,018	4	219	
Region 11	59	3,142	345	17,239	3	211	
Region 12	3	573	28	4,384	*	43	

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

* less half the unit employed.

Source: National Statistics Office.

FLOW IN THE PHILIPPINES

AIR, 1981 to 1988 (continued)

Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,416	204,620	1,198	146,576	3,157	261,468	444	49,691
731	106,711	1,006	125,047	1,558	172,727	322	39,985
1	86	1	70	3	241	*	112
*	1	*	19	*	20	*	3
-	-	-	-	-	-	-	-
*	28	1	30	*	117	*	2
*	58	1	56	6	216	1	45
7	432	10	1,120	57	2,577	1	221
453	28,699	115	15,932	1,401	80,185	65	6,170
1	103	1	64	1	133	*	12
123	61,162	6	701	76	2,742	3	681
8	269	2	83	54	2,276	1	82
84	5,021	54	2,937	*	73	1	84
7	2,049	1	515	1	162	49	2,294
1,740	252,357	1,620	255,491	3,194	313,340	442	89,774
828	106,067	1,364	162,677	1,928	202,744	306	38,921
2	113	1	144	13	318	*	58
*	1	*	21	*	4	*	6
-	-	-	-	-	-	-	-
*	31	*	97	*	106	*	4
2	123	2	132	2	114	*	17
8	684	14	1,106	42	2,511	2	269
614	74,391	115	70,588	1,109	98,190	60	45,391
1	61	1	24	1	84	*	15
117	60,167	5	931	53	6,700	17	1,670
21	1,166	4	327	44	2,370	1	120
142	8,779	112	19,119	*	19	1	172
4	774	*	324	1	180	55	3,131

**Table 13.22 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
<i>1981</i>						
All Commodities	11,440,197	34,977,146	3,646,163	10,881,698	316,147	823,246
<i>Metropolitan</i>						
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.
<i>* 1982</i>						
All Commodities	11,434,821	37,643,049	3,874,503	12,390,821	414,145	912,438
<i>Metropolitan</i>						
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	7,035,187	1,511,304	3,916,228	204,438	460,998
Region 4	1,421,869	3,939,285	301,817	735,253	158,942	410,185
Region 5	102,091	279,883	30,796	117,443	2,300	1,740
Region 6	1,259,383	3,608,886	459,437	1,583,222	1,500	1,500
Region 7	1,530,641	5,530,171	355,154	1,619,524	-	-
Region 8	334,202	856,960	88,600	258,952	33	282
Region 9	541,670	1,488,956	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	2,964,936	523,964	2,122,532	-	-
Region 12	729,564	1,929,760	220,852	852,498	810	3,173

FLOW IN THE PHILIPPINES

WATER, 1981 to 1987

(Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
73,727	236,476	356,865	384,098	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
79,040	236,896	195,191	449,970	320,859	994,552	309,803	854,606
925	4,323	23,630	33,463	33,160	197,353	16,928	89,284
-	-	-	-	-	-	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	50,852
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

**Table 13.22 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1981						
All Commodities	1,043,615	3,066,727	1,838,002	5,876,688	375,034	1,158,211
<i>Metropolitan</i>						
Manila Area (NCR)	131,357	1,086,781	269,720	1,991,564	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	135,900
Region 4	118,615	292,617	118,468	306,494	22,636	51,217
Region 5	1,493	3,591	23,442	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	268,920	540,082	6,486	16,028
Region 12	65,253	100,738	155,080	395,594	39,125	35,835
1982						
All Commodities	1,114,568	3,548,047	1,863,683	6,378,530	384,697	1,310,397
<i>Metropolitan</i>						
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	86,094
Region 9	5,076	12,032	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
WATER, 1981 to 1987 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
510,567	1,392,327	794,835	3,059,756	1,117,648	4,409,083	760,286	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	163,986	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
49,646	159,002	281,206	1,190,988	151,600	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	22,080	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	45,130	94,460	142,596	272,784	54,546	111,902
501,657	1,400,730	875,482	3,478,665	1,005,960	4,454,064	495,233	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	108,920
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	456,792	123,737	297,728
5,992	10,416	21,580	108,964	1,614	9,843	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 13.22 – REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Total		Metropolitan Manila		Region 1	
	Quantity	Value	Area (NCR)	Quantity	Value	Quantity
1983						
All Commodities	12,767,659	43,950,432	4,201,669	14,921,255	347,184	622,760
<i>Metropolitan</i>						
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
1984						
All Commodities	11,880,327	56,914,710	3,298,024	18,090,053	226,147	1,054,654
<i>Metropolitan</i>						
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	-	-

FLOW IN THE PHILIPPINES

WATER, 1981 to 1987 (continued)

Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
80,296	316,873	347,531	628,883	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	-	-	132	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	39,233	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
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

**Table 13.22 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti					
	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1983						
All Commodities	1,191,091	3,828,719	2,093,844	8,318,180	603,464	1,762,785
Metropolitan						
Manila Area (NCR)	100,540	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	503,242	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
1984						
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	8,905	60,143	42,379	206,779	637	2,806
Region 10	56,958	129,270	397,694	1,613,082	43,698	145,294
Region 11	30,540	55,731	230,496	751,070	76,125	240,925
Region 12	80,481	194,690	168,626	640,982	28,512	40,400

FLOW IN THE PHILIPPINES
WATER, 1981 to 1987 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
605,706	1,844,129	863,206	3,315,797	1,101,896	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	829	-	-	-	-
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
49,268	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
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	264,800
-	-	-	-	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
191,276	938,059	4,941	23,203	29,972	193,277	7,068	45,271
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

**Table 13.22 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Desti						
	Total		Metropolitan Manila		Region 1		
	Quantity	Value	Area (NCR)	Quantity	Value	Quantity	Value
1985							
All Commodities	13,349,723	72,679,169	3,558,989	22,849,724	240,050	1,648,444	
<i>Metropolitan</i>							
Manila Area (NCR)	1,079,019	9,436,898	1,303	11,385	4,200	21,000	
Region 1	124,961	819,057	502	3,202	-	-	
Region 2	15,588	33,016	15,541	32,076	-	-	
Region 3	2,567,296	16,360,415	1,207,910	7,701,246	136,238	972,424	
Region 4	1,381,878	8,456,308	134,081	751,012	75,479	610,466	
Region 5	242,302	844,082	56,950	228,630	33	97	
Region 6	944,398	5,199,461	358,816	2,040,120	146	892	
Region 7	3,124,958	12,713,333	364,631	2,467,028	525	495	
Region 8	550,864	1,974,165	182,098	669,952	13,650	34,025	
Region 9	388,929	2,257,716	30,014	280,492	-	-	
Region 10	1,276,169	5,662,073	370,708	2,521,299	50	340	
Region 11	977,461	4,977,779	465,657	3,535,891	9,729	8,705	
Region 12	675,900	3,944,864	370,777	2,607,393	-	-	
1986							
All Commodities	12,679,246	68,305,413	3,639,216	23,816,455	278,932	1,817,826	
<i>Metropolitan</i>							
Manila Area (NCR)	145,856	1,689,935	-	-	29	589	
Region 1	96,800	973,949	-	-	-	-	
Region 2	7,383	27,462	7,383	27,462	-	-	
Region 3	2,649,659	16,349,141	1,210,592	7,458,638	150,609	1,045,429	
Region 4	1,865,926	10,756,249	152,287	894,762	111,184	716,220	
Region 5	199,223	720,193	49,628	214,209	-	-	
Region 6	1,165,540	5,899,663	402,313	2,565,218	30	156	
Region 7	2,498,872	11,341,111	274,248	1,985,217	11,479	23,181	
Region 8	570,860	2,999,544	125,478	739,019	5,600	32,250	
Region 9	408,354	2,222,473	36,924	329,633	-	-	
Region 10	1,192,882	5,776,920	382,513	2,542,443	-	-	
Region 11	970,474	5,401,853	495,531	4,219,690	-	-	
Region 12	907,418	4,146,919	502,318	2,840,165	-	-	

FLOW IN THE PHILIPPINES
WATER, 1981 to 1987 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
16,437	136,125	41,032	247,027	583,291	2,792,123	362,915	1,737,324
-	-	-	-	-	-	-	-
1,297	17,374	1,658	8,579	63,271	511,192	11,529	97,595
-	-	-	-	-	-	-	-
8,672	50,948	17,135	106,624	144,868	828,025	32,816	236,497
2,900	24,072	12,151	65,482	227,177	1,053,590	94,007	596,993
-	-	-	-	8,080	29,686	31,779	178,234
1363	35,121	4,209	39,596	15,874	81,449	7,554	51,170
2,206	8,609	1,217	9,035	37,921	127,009	83,093	385,242
-	-	3,500	10,500	10,965	30,022	7,120	34,846
-	-	1,162	7,212	6,216	19,692	50	88
-	-	-	-	26,465	56,918	49,044	92,173
-	-	-	-	34,674	42,440	26,671	35,729
-	-	-	-	7,780	12,100	19,251	28,756
19,137	117,394	34,310	258,117	700,278	3,221,991	341,152	2,065,181
-	-	-	-	8,511	76,864	995	8,303
-	-	-	-	-	-	-	-
12,196	72,156	9,991	77,029	222,826	1,217,658	30,210	180,869
2,852	21,678	8,205	50,350	299,321	1,346,068	118,330	796,039
-	-	-	-	10,263	51,888	36,432	195,041
331	3,257	4,758	47,588	22,745	95,194	11,115	66,141
3,758	20,309	1,276	6,651	49,330	156,160	58,825	338,207
-	-	4,260	18,300	382	2,556	11,736	363,403
-	-	-	-	1,792	16,744	-	-
-	-	5,820	58,200	20,723	64,889	19,889	42,048
-	-	-	-	13,397	9,609	23,712	34,436
-	-	-	-	50,990	184,359	29,906	40,692

**Table 13.22 - REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Region 6		Region 7		Region 8		Desti
	Quantity	Value	Quantity	Value	Quantity	Value	
1985							
All Commodities	1,353,744	7,290,557	2,268,759	12,713,358	1,149,015	5,252,314	
<i>Metropolitan</i>							
Manila Area (NCR)	142,280	1,580,768	361,593	3,010,201	53,535	444,303	
Region 1	1,086	9,590	-	-	120,630	792,551	
Region 2	47	940	-	-	-	-	
Region 3	216,308	1,523,566	300,508	1,822,671	74,193	499,552	
Region 4	135,109	852,857	199,241	1,220,550	37,285	252,738	
Region 5	10,406	23,633	26,921	62,298	15,261	81,878	
Region 6	226,001	1,005,997	174,108	1,024,045	42,714	209,458	
Region 7	353,523	1,640,040	314,600	1,892,745	598,484	2,290,018	
Region 8	55,435	146,680	72,666	312,525	64,010	282,527	
Region 9	6,264	58,276	48,163	219,396	164	2,962	
Region 10	143,284	284,004	462,305	1,856,378	50,599	104,732	
Region 11	22,797	32,109	173,197	627,463	78,804	270,345	
Region 12	41,204	132,096	137,456	665,087	13,336	21,251	
*1986							
All Commodities	1,308,353	6,982,649	1,979,681	10,305,528	975,792	4,535,492	
<i>Metropolitan</i>							
Manila Area (NCR)	25,878	363,123	43,231	416,956	7,268	85,838	
Region 1	-	-	-	-	96,800	973,949	
Region 2	-	-	-	-	-	-	
Region 3	239,734	1,760,227	294,960	1,786,239	100,175	638,731	
Region 4	198,192	1,154,116	276,051	1,799,568	44,290	311,223	
Region 5	8,850	9,483	12,904	59,804	7,637	36,820	
Region 6	326,923	1,161,328	238,849	1,106,433	36,063	184,662	
Region 7	261,045	1,671,087	269,349	1,524,532	433,041	1,613,436	
Region 8	36,264	257,061	89,583	428,742	99,069	339,496	
Region 9	5,020	58,740	52,669	290,018	-	-	
Region 10	94,684	300,723	425,424	1,859,045	34,157	81,764	
Region 11	30,165	59,838	150,498	479,336	85,404	223,074	
Region 12	81,597	186,923	126,162	554,853	31,889	46,498	

FLOW IN THE PHILIPPINES
WATER, 1981 to 1987 (continued)
Value in thousand pesos)

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Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
662,894	3,482,966	1,671,727	5,697,597	964,807	6,095,970	476,062	2,735,640
39,922	343,845	93,224	868,562	243,586	1,956,838	61,621	565,256
-	-	2,743	13,715	-	-	-	-
-	-	-	-	-	-	-	-
59,594	355,659	143,498	748,523	141,676	927,910	83,879	586,768
48,971	319,348	217,705	1,352,280	145,912	1,007,232	51,860	349,690
14,858	46,154	67,520	155,783	3,719	12,627	6,775	25,062
38,005	231,431	31,120	240,178	26,290	158,818	18,199	81,186
98,119	547,086	944,348	1,562,375	178,362	1,096,924	147,929	686,728
16,569	62,342	40,233	137,247	55,190	125,800	29,428	127,700
242,677	1,252,341	5,547	24,002	38,437	297,751	12,233	95,506
27,192	66,308	89,215	482,069	37,738	117,027	19,569	80,825
56,251	134,061	12,205	19,257	67,025	224,363	30,452	47,416
20,738	124,390	24,369	93,807	26,871	170,681	14,118	89,502
620,242	2,989,467	1,279,490	4,281,508	922,491	5,257,542	580,171	2,656,263
7,620	99,953	23,309	258,584	22,588	313,360	6,426	66,366
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
60,933	376,309	106,888	390,966	129,554	845,618	80,990	499,272
40,214	261,897	150,256	922,541	321,895	1,687,327	142,849	794,459
14,556	37,656	31,661	48,026	14,701	35,970	12,590	31,295
52,295	282,784	27,728	174,583	16,926	93,449	25,464	118,875
78,097	474,332	764,686	1,844,875	164,097	1,125,859	129,640	557,264
18,956	77,904	45,134	200,367	55,278	307,552	79,120	232,893
237,326	1,098,635	3,932	6,950	50,668	331,635	20,024	90,116
26,760	76,256	85,552	331,598	51,809	231,621	45,551	188,334
55,404	110,294	23,197	54,610	68,482	171,539	24,684	39,425
28,080	93,449	17,149	48,406	26,493	113,611	12,833	37,963

**Table 13.22 – REGIONAL COMMODITY
BY MODE OF TRANSPORT:
(Quantity in thousand kilograms;**

Year/ Mode of Transport/ Origin	Total Quantity	Value	Desti			
			Metropolitan Manila Area (NCR) Quantity	Value	Region 1 Quantity	Value
1987						
All Commodities	15,621,817	95,984,898	4,382,695	29,434,538	335,939	2,202,111
Metropolitan						
<i>Manila Area (NCR)</i>	1,028,466	12,196,364	87	4,373	700	2,450
<i>Region 1</i>	112,440	1,506,093	-	-	-	-
<i>Region 2</i>	1,875	636	1,875	636	-	-
<i>Region 3</i>	2,512,973	14,928,838	1,092,646	6,406,207	105,886	770,521
<i>Region 4</i>	2,095,285	13,966,681	197,968	1,241,722	191,104	1,285,691
<i>Region 5</i>	158,640	738,905	35,366	239,935	-	-
<i>Region 6</i>	1,275,410	7,701,563	521,389	3,651,592	20	120
<i>Region 7</i>	3,405,442	17,518,488	379,806	2,970,953	14,938	55,129
<i>Region 8</i>	726,062	3,148,835	250,535	1,002,588	19,090	83,600
<i>Region 9</i>	477,408	3,024,934	41,399	514,060	-	-
<i>Region 10</i>	1,166,273	7,020,885	518,511	3,631,069	-	-
<i>Region 11</i>	1,385,030	8,577,941	748,275	6,119,955	4,200	4,600
<i>Region 12</i>	1,276,513	5,654,735	594,837	3,651,448	-	-
Year/ Mode of Transport/ Origin	Region 6 Quantity	Value	Desti			
			Region 7 Quantity	Value	Region 8 Quantity	Value
1987						
All Commodities	1,541,023	10,297,191	2,703,323	16,248,920	1,156,452	7,131,812
Metropolitan						
<i>Manila Area (NCR)</i>	224,866	2,873,527	314,153	3,402,393	50,300	581,949
<i>Region 1</i>	-	-	-	-	112,440	1,506,093
<i>Region 2</i>	-	-	-	-	-	-
<i>Region 3</i>	189,725	1,298,151	308,560	1,554,390	91,403	606,300
<i>Region 4</i>	207,716	1,678,197	332,890	2,504,387	62,681	434,160
<i>Region 5</i>	8,680	17,925	24,103	85,712	8,419	42,333
<i>Region 6</i>	235,644	1,184,071	288,676	1,476,439	48,961	302,014
<i>Region 7</i>	346,501	2,339,623	290,847	1,777,937	636,527	3,195,963
<i>Region 8</i>	55,082	225,735	131,273	607,732	33,858	180,610
<i>Region 9</i>	2,064	19,965	85,480	469,642	678	5,664
<i>Region 10</i>	47,704	246,085	439,338	2,239,881	3,728	26,842
<i>Region 11</i>	43,293	70,982	286,928	1,300,078	44,149	167,686
<i>Region 12</i>	179,748	3,242,929	201,075	830,329	63,308	82,198

Note: Totals may not add up due to rounding.

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
WATER, 1981 to 1987 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
31,613	225,340	29,272	178,524	936,981	4,964,090	471,090	2,572,107
820	12,208	1,139	9,254	55,382	516,976	23,858	214,848
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
22,680	152,213	2,368	13,932	255,720	1,485,877	38,845	232,329
6,839	48,644	17,508	119,156	462,853	2,167,686	140,628	1,022,643
-	-	-	-	15,140	42,805	33,813	204,831
595	8,660	2,331	6,772	19,877	89,643	21,317	158,213
673	3,574	2,948	13,700	34,519	266,131	71,605	474,328
-	-	2,977	15,710	5,070	14,305	12,015	52,148
5	41	-	-	1,574	23,283	-	-
-	-	-	-	12,796	59,179	2,492	18,397
-	-	-	-	33,238	81,942	44,324	51,791
-	-	-	-	40,813	216,262	82,192	142,579

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
719,335	4,420,772	1,661,623	6,761,331	1,008,530	7,653,614	643,942	3,894,549
50,550	504,163	103,063	1,394,734	146,894	2,055,373	56,653	624,115
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
53,768	424,760	100,494	427,978	145,757	889,418	105,121	666,763
44,473	347,595	135,887	977,084	228,481	1,663,127	66,258	476,590
2,836	15,049	16,693	25,518	3,749	10,879	9,840	53,918
75,104	474,651	22,831	151,418	13,378	104,983	25,286	92,988
120,132	824,752	1,139,862	3,084,031	209,803	1,585,823	157,280	926,543
11,121	49,407	51,595	225,674	41,914	180,461	111,532	510,865
254,367	1,422,552	4,035	19,254	49,222	360,784	38,583	189,689
6,897	63,537	54,467	315,967	50,875	233,486	29,464	186,441
55,324	195,503	4,668	36,861	86,931	426,363	33,701	122,180
44,763	98,803	28,028	102,813	31,526	142,917	10,224	44,456

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 started 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: power generation and demand 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 duly organized water districts with filed and issued conditional certificates of conformance per region and irrigated and benefited areas, irrigated areas classified by type of system, by region and province.

Statistics on energy and water resources are produced by the National Statistics Office, National Power Corporation, National Electrification Administration, Office of Energy Affairs, National Irrigation Administration and Local Water Utilities Administation.

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Table 14.1 - POWER GENERATION AND DEMAND BY SECTOR:
1973 to 1988
(In gigawatt hours)

Year	Power Generation	Power Demand				Utilities	Own Use	Power Losses
		Total	Residential	Commercial	Industrial			
1973	10,910	10,910	2,378	2,899	4,743	44	400	446
1974	11,108	11,108	1,641	2,000	5,816	302	492	857
1975	12,221	12,221	1,517	1,849	7,019	95	667	1,074
1976	13,252	13,252	1,593	1,998	8,005	103	555	998
1977	13,833	13,833	1,776	2,235	7,795	126	746	1,155
1978	15,587	15,587	2,644	2,607	6,918	431	930	2,057
1979	17,804	17,804	2,462	2,676	9,608	276	586	2,196
1980	17,883	17,883	2,937	2,930	8,210	892	1,012	1,902
1981	18,583	18,583	3,424	3,157	7,597	1,098	1,157	2,150
1982	19,406	19,406	3,589	3,205	7,769	1,034	1,333	2,476
1983	21,454	21,454	3,991	3,487	8,724	939	1,509	2,804
1984	21,480	21,480	4,498	3,209	8,554	1,131	955	3,133
1985	22,766	22,766	4,482	3,231	9,008	1,356	943	3,746
1986	21,797	21,797	3,536	2,927	5,843	900	4,993	3,598
1987	22,642	22,642	4,702	3,561	7,750	1,221	1,070	4,338
1988	24,583	24,583	5,089	3,991	8,723	1,316	1,077	4,387

Source : Office of Energy Affairs.

Table 14.2 – NATIONAL POWER CORPORATION INSTALLED CAPACITY¹
BY TYPE OF PLANT: 1981 TO 1988
(In MegaWatts)

	1981	1982	1983	1984	1985	1986	1987	1988
Philippines	4,016	4,460	5,001	5,196	5,550	5,788	5,772	5,772
<i>Hydro</i>	940	1,267	1,564	1,654	1,944	2,124	2,132	2,132
<i>Oil based 2</i>	2,525	2,584	2,603	2,298	2,362	2,365	2,410	2,410
<i>Geothermal</i>	501	559	784	894	894	894	828	828
<i>Coal-oil Dual Fired</i>	50	50	50	350	350	405	400	400
Luzon	3,281	3,636	3,906	4,101	4,101	4,111	4,111	4,111
<i>Hydro</i>	556	856	1,126	1,216	1,216	1,226	1,226	1,226
<i>Oil based 2</i>	2,230	2,230	2,230	1,925	1,925	1,925	1,925	1,925
<i>Geothermal</i>	495	550	550	660	660	660	600	600
<i>Coal-oil Dual Fired</i>	0	0	0	300	300	300	300	300
Visayas	224	266	478	510	542	600	601	601
<i>Hydro</i>	2	2	2	2	2	2	2	2
<i>Oil based 2</i>	166	205	192	224	256	259	271	271
<i>Geothermal</i>	6	9	234	234	234	234	228	228
<i>Coal-oil Dual Fired</i>	50	50	50	50	50	105	100	100
Mindanao	511	558	617	585	907	1,077	1,060	1,060
<i>Hydro</i>	382	409	436	436	726	896	904	904
<i>Diesel</i>	129	149	181	149	181	181	214	214

1 Inclusive of test-run plants.

2 Composed of diesel and thermal.

Source: National Power Corporation.

Figure 14.1 Power Generation and Demand, 1980 - 1988

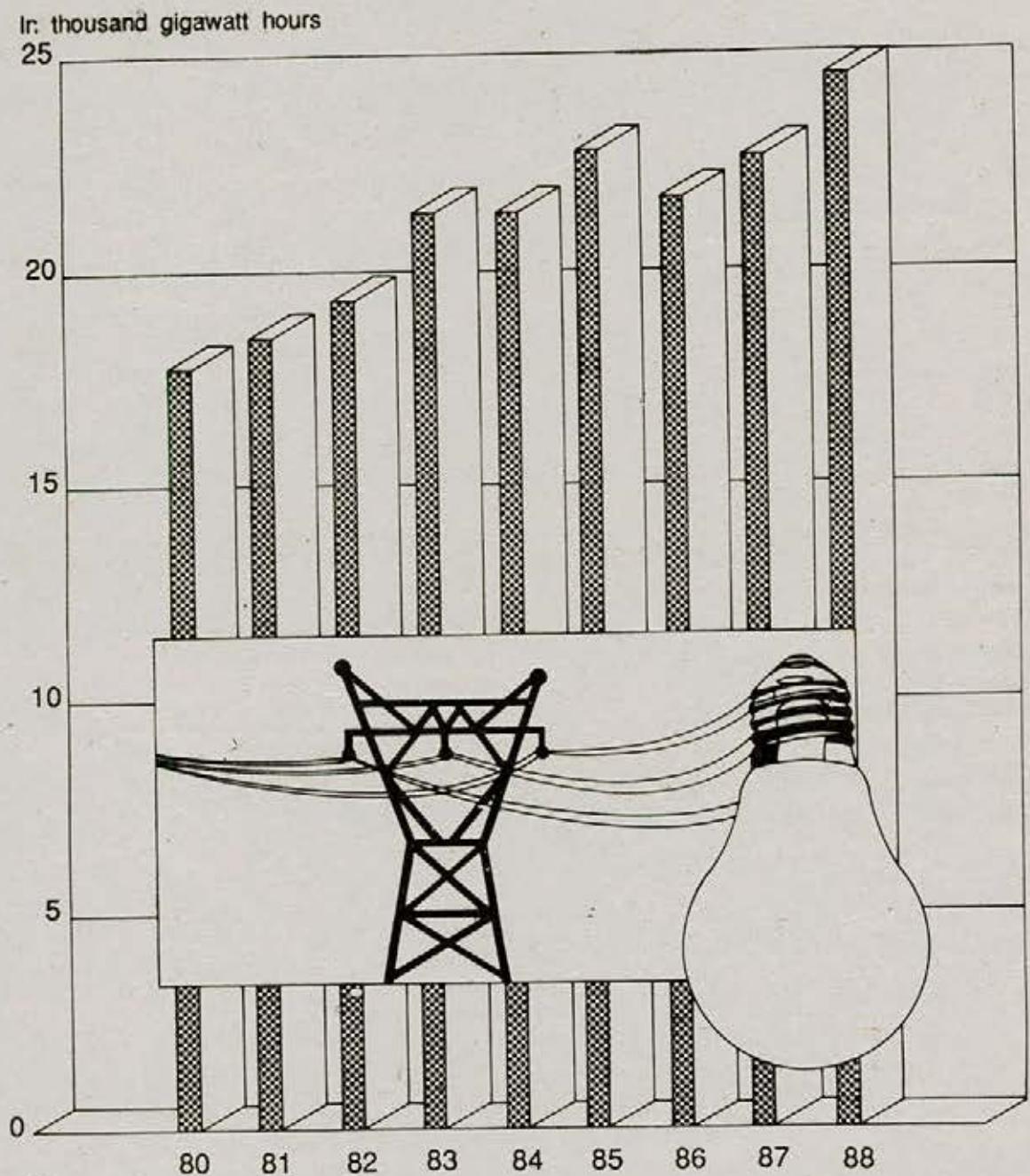


Table 14.3 - NATIONAL POWER CORPORATION

(In

Area	1978	1979	1980	1981 ¹
PHILIPPINES	2,187.4	3,515.5	3,815.7	3,903.0
Luzon	1,902.2	2,994.2	3,226.2	3,156.2
<i>Mt. Province</i>	175.0	175.0	175.0	175.0
<i>North Central Plain</i>	100.0	100.0	112.0	112.0
<i>South Central Plain</i>	218.0	218.0	218.0	218.0
<i>Southern Tagalog</i>	32.0	159.0	269.0	269.0
<i>Bicol Region</i>	2.2	112.2	222.2	277.2
<i>Cagayan</i>	-	-	-	-
Metro Manila	1,375.0	2,230.0	2,230.0	2,105.0
Visayas	72.6	92.7	103.0	224.3
<i>Negros Oriental</i>	11.8	11.8	14.8	14.8
<i>Negros Occidental</i>	-	-	-	32.0
<i>Bohol</i>	6.7	12.2	12.2	12.2
<i>Cebu</i>	51.1	51.1	51.1	101.1
<i>Panay</i>	-	14.6	21.9	29.2
<i>Leyte</i>	3.0	3.0	3.0	35.0
Mindanao	212.6	428.6	486.5	522.5
<i>Lanao del Norte</i>	200.0	380.0	380.0	380.0
<i>Bukidnon</i>	1.6	1.6	1.6	1.6
<i>Misamis Oriental</i>	11.0	47.0	83.0	119.0
<i>Cotabato</i>	-	-	21.9	21.9

1 Rockwell Thermal Power Plant was put out of operation.

2 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 : 1978-1988

(MegaWatts)

1982	1	1983	1984	2	1985	1986	1987	1988
4,324.0		5,000.9	5,195.9		5,549.9	5,786.5	5,771.5	5,771.5
3,511.2		3,906.2	4,101.2		4,101.2	4,101.2	4,110.8	4,110.8
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	228.0	228.0
569.0		569.0	979.0		979.0	979.0	980.8	980.8
332.2		332.2	332.2		332.2	332.2	330.0	330.0
-		270.0	360.0		360.0	360.0	360.0	360.0
2,105.0		2,230.0	1,925.0		1,925.0	1,925.0	1,925.0	1,925.0
263.3		478.1	510.1		542.1	637.3	600.8	600.8
17.8		130.3	130.3		130.3	130.7	127.3	127.3
32.0		32.0	32.0		32.0	36.5	-	-
12.2		12.2	12.2		12.2	15.5	15.8	15.8
137.1		158.9	158.9		158.9	238.6	233.7	233.7
29.2		29.2	29.2		61.2	68.5	79.5	79.5
35.0		115.5	147.5		147.5	147.5	144.5	144.5
549.5		616.6	584.6		906.6	1,048.0	1,059.9	1,059.9
407.0		434.0	434.0		639.0	639.0	647.1	647.1
1.6		1.6	1.6		86.6	126.7	256.6	256.6
119.0		158.7	126.7		158.7	260.0	133.9	133.9
21.9		22.3	22.3		22.3	22.3	22.3	22.3

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**Table 14.4 - NATIONAL POWER CORPORATION
BY TYPE OF PLANT¹:**
(In million)

	1978 ²	1979	1980	1981
Philippines	5,016	13,486	15,086	15,988
<i>Hydro</i>	2,732	2,868	3,502	3,724
<i>Oil based</i> ³	2,281	9,961	9,507	9,494
<i>Geothermal</i>	3	657	2,077	2,770
<i>Coal-oil Dual Fired</i>	0	0	0	0
Luzon	3,741	12,097	13,115	13,666
<i>Hydro</i>	1,695	1,731	1,873	2,033
<i>Oil based</i> ³	2,046	9,713	9,173	8,894
<i>Geothermal</i>	0	653	2,069	2,739
<i>Coal-oil Dual Fired</i>	0	0	0	0
Visayas	230	243	321	503
<i>Hydro</i>	11	8	9	8
<i>Oil based</i> ³	216	231	304	464
<i>Geothermal</i>	3	4	8	31
<i>Coal-oil Dual Fired</i>	-	-	-	-
Mindanao	1,045	1,146	1,650	1,819
<i>Hydro</i>	1,026	1,129	1,620	1,683
<i>Oil based</i> ³	19	17	30	136
<i>Geothermal</i>	0	0	0	0

1 Includes generation of power plants under test run.

2 Includes energy generation of MERALCO plants.

3 Composed of diesel and thermal.

Source: National Power Corporation.

ANNUAL GROSS ENERGY GENERATION,**1978 to 1988****(kilowatt hours)**

1982	1983	1984	1985	1986	1987	1988
17,413	18,682	18,666	18,757	19,263	20,995	22,910
3,751	2,964	5,167	5,514	5,989	5,235	6,230
10,016	11,514	8,536	6,713	6,970	9,183	9,496
3,586	4,093	4,540	4,945	4,586	4,516	4,843
60	111	423	1,585	1,718	2,061	2,341
14,398	15,294	14,655	14,449	14,756	16,030	17,409
1,832	1,274	2,519	2,869	2,956	1,961	2,607
9,011	10,145	7,787	5,825	6,328	8,376	8,782
3,555	3,875	4,125	4,284	3,900	3,710	4,024
0	0	224	1,471	1,572	1,983	1,996
777	1,057	1,177	1,343	1,467	1,693	1,872
10	9	12	7	11	9	9
676	719	551	561	624	800	700
31	218	415	661	686	806	818
60	111	199	114	146	78	345
2,238	2,331	2,834	2,965	3,040	3,272	3,629
1,909	1,681	2,636	2,638	3,022	3,265	3,615
329	650	198	327	18	7	14
0	0	0	0	0	0	0

Table 14.5 - HISTORICAL ENERGY
(In million barrels of Fuel)

	1978		1979		1980		1981		1982	
	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%
INDIGENOUS ENERGY	18.79	19.97	26.92	27.64	27.42	28.31	26.31	28.15	30.21	31.64
<i>I. Conventional</i>	5.58	5.93	13.86	14.23	13.91	14.35	13.41	14.35	16.96	17.76
Oil	0.00	0.00	7.18	7.37	3.51	3.62	1.37	1.47	2.95	3.09
Coal	0.93	0.99	0.82	0.84	0.96	0.99	0.91	0.97	1.11	1.16
Hydro	4.64	4.93	4.80	4.93	5.94	6.13	6.38	6.83	6.65	6.97
Geothermal	0.01	0.01	1.06	1.09	3.50	3.61	4.75	5.08	6.25	6.54
<i>II. Non-Conventional</i>	13.21	14.04	13.06	13.41	13.51	13.96	12.90	13.80	13.25	13.88
Bagasse	6.41	6.81	6.35	6.52	5.90	6.09	6.22	6.66	7.35	7.70
Agriwaste	6.80	7.23	6.71	6.89	7.60	7.85	6.34	6.78	5.82	6.10
Others	0.00	0.00	0.00	0.00	0.01	0.02	0.34	0.36	0.08	0.08
IMPORTED ENERGY	75.34	80.04	70.50	72.37	69.45	71.69	67.16	71.85	65.25	68.35
Oil	75.34	80.04	70.50	72.37	69.45	71.69	67.16	71.85	65.25	68.35
Coal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL ENERGY	94.13	100.00	97.42	100.00	96.87	100.00	93.47	100.00	95.46	99.99
<i>Growth Rate, %</i>	4.9		3.5		(0.6)		(3.5)		2.3	

* Less than 0.01 MBFOE

Source: Office of Energy Affairs

CONSUMPTION BY SOURCE, 1978-1988***Oil Equivalent, MBFOE)***

1983		1984		1985		1986		1987		1988	
Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%
34.02	34.55	39.11	41.70	40.59	44.08	41.35	44.33	37.56	37.80	42.14	38.30
19.43	19.73	24.10	25.69	24.39	26.49	25.13	26.95	22.64	22.78	25.88	23.50
4.65	4.72	3.54	3.77	2.41	2.62	2.85	3.06	1.75	1.76	1.91	1.70
2.63	2.67	3.65	3.89	3.84	4.17	4.02	4.31	4.08	4.10	4.78	4.30
5.12	5.20	9.10	9.70	9.61	10.43	10.37	11.12	9.00	9.06	10.84	9.90
7.03	7.14	7.81	8.33	8.53	9.27	7.89	8.46	7.81	7.86	8.35	7.60
14.60	14.83	15.01	16.01	16.20	17.59	16.22	17.38	14.92	15.02	16.26	14.80
5.48	5.56	6.57	7.01	4.36	4.74	4.09	4.38	3.54	3.57	4.59	4.20
9.06	9.20	8.25	8.79	11.63	12.63	11.65	12.48	10.81	10.88	6.03	5.50
0.06	0.07	0.19	0.21	0.21	0.22	0.48	0.52	0.57	0.57	5.64	5.10
66.45	65.45	54.67	58.30	51.49	55.92	51.93	55.87	61.88	62.29	67.84	61.70
63.54	64.53	52.64	56.14	47.28	51.35	49.76	53.34	59.18	59.56	64.25	58.40
0.91	0.92	2.03	2.16	4.21	4.57	2.17	2.33	2.71	2.72	3.59	3.30
98.47	100.00	93.78	100.00	92.08	100.00	93.29	100.00	99.44	100.00	109.98	100.00
3.0		4.9		(1.6)				1.3		6.6	
											10.6

Table 14.6 - PETROLEUM PRODUCT
(In thousand)

Product	1978	1979	1980	1981
<i>Total Petroleum Consumption</i>	82,272	84,748	79,176	74,416
<i>Add:</i>				
Refinery Fuel & Loss	3,608	3,569	3,283	2,847
<i>Total Products</i>	78,664	81,179	75,893	71,569
Avgas	140	112	62	59
Avturbo	2,597	2,668	2,605	2,588
Premium gasoline	6,832	6,652	5,866	5,700
Regular gasoline	8,395	7,805	5,299	3,942
Diesel	15,582	16,952	17,428	17,787
Fuel Oil	36,838	38,659	37,129	34,385
Kerosene	3,683	3,463	3,179	2,860
LPG	2,593	2,734	2,441	2,437
Propylene	0	10	3	1
Asphalts	397	418	343	359
Refinery process gas	211	236	233	210
Solvents	230	371	311	312
Lubes and Greases	1,029	1,097	993	927
Waxes and petrolatum 1	137	2	1	2
Others	0	0	0	0

1 Non-energy products.

Source: Office of Energy Affairs.

CONSUMPTION, 1978 TO 1988

(barrels)

1982	1983	1984	1985	1986	1987	1988
74,370	76,903	61,432	54,177	57,823	67,144	72,574
2,993	2,853	2,479	2,098	2,139	2,354	2,771
71,377	74,050	58,953	52,079	55,684	64,790	69,803
59	51	39	36	35	36	39
3,436	2,659	2,824	2,710	2,716	3,304	3,758
5,941	6,206	5,954	5,885	6,334	7,055	7,751
3,270	2,971	2,717	2,578	2,806	3,090	3,248
18,568	18,879	17,090	15,715	16,223	17,839	19,186
32,971	33,690	24,390	19,786	21,511	26,645	28,002
2,803	2,569	2,269	2,074	2,273	2,545	2,815
2,524	2,533	2,225	2,142	2,545	2,843	3,503
0	0	0	0	0	0	0
462	538	347	293	289	282	317
105	185	147	0	0	0	0
297	2,701	155	150	200	246	288
939	1,067	796	710	747	897	887
2	1	0	0	0	0	0
0	0	0	0	5	8	9

**Table 14.7 – NATIONAL POWER CORPORATION ANNUAL GROSS ENERGY SALES BY GEOGRAPHICAL LOCATION¹, 1978 TO 1988
(In GigaWatt hours)**

Year	Luzon ²	Visayas	Mindanao	Total
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	13,433	1,261	2,929	17,623
1987	14,688	1,488	3,116	19,292
1988	16,070	1,646	3,455	21,171

¹ Includes energy sales from plants under test-run.

² Includes power sales to MERALCO.

Source: National Power Corporation.

**Table 14.8 – DUL I ORGANIZED WATER DISTRICTS FILED AND ISSUED
CONDITIONAL CERTIFICATE OF CONFORMANCE PER REGION:
1978 to 1988**

Region	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
<i>Philippines</i>	21	37	36	36	51	22	1	2	17	52	61
<i>Region 1</i>	3	7	5	5	3	1	0	1	1	6	4
<i>Region 2</i>	2	2	0	0	8	1	0	0	0	7	6
<i>Region 3</i>	4	1	7	3	7	3	0	0	7	16	10
<i>Region 4</i>	4	9	8	6	2	2	0	0	1	2	9
<i>Region 5</i>	1	6	6	6	2	0	0	0	1	3	6
<i>Region 6</i>	3	6	3	2	5	6	0	0	6	9	14
<i>Region 7</i>	0	2	2	2	3	2	1	0	0	0	0
<i>Region 8</i>	0	1	3	1	6	2	0	0	0	5	2
<i>Region 9</i>	1	1	0	1	4	1	0	1	1	1	0
<i>Region 10</i>	2	0	1	1	3	3	0	0	0	1	1
<i>Region 11</i>	1	2	1	7	5	0	0	0	0	2	4
<i>Region 12</i>	0	0	0	2	3	1	0	0	0	0	5

Source: Local Water Utilities Administration.

**Table 14.9 – IRRIGATED AND BENEFITTED AREAS
SYSTEMS FY 1966–67**
(Area in)

Year	Total Area		Wet season crop		Dry season crop	
	Irrigated	Benefitted	Irrigated	Benefitted	Irrigated	Benefitted
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
1986	817,665	787,771	435,751	419,655	375,847	362,062
1987	799,767	755,052	429,416	402,081	364,834	347,490
1988	786,111	709,358	446,214	386,671	336,258	319,073

Source: National Irrigation Administration.

IN NATIONAL IRRIGATION

TO CY 1988

(hectares)

3rd Crop		Annual crop		No. of land owners	Service area
Irrigated	Benefitted	Irrigated	Benefitted		
-	-	-	-	-	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
3,581	3,568	2,486	2,486	345,369	597,953
1,782	1,746	3,735	3,735	347,968	596,953
...	...	3,639	3,614	347,968	615,449

Figure 14.2 Irrigated and Benefitted Areas by the National Irrigation Administration, 1980 - 1988

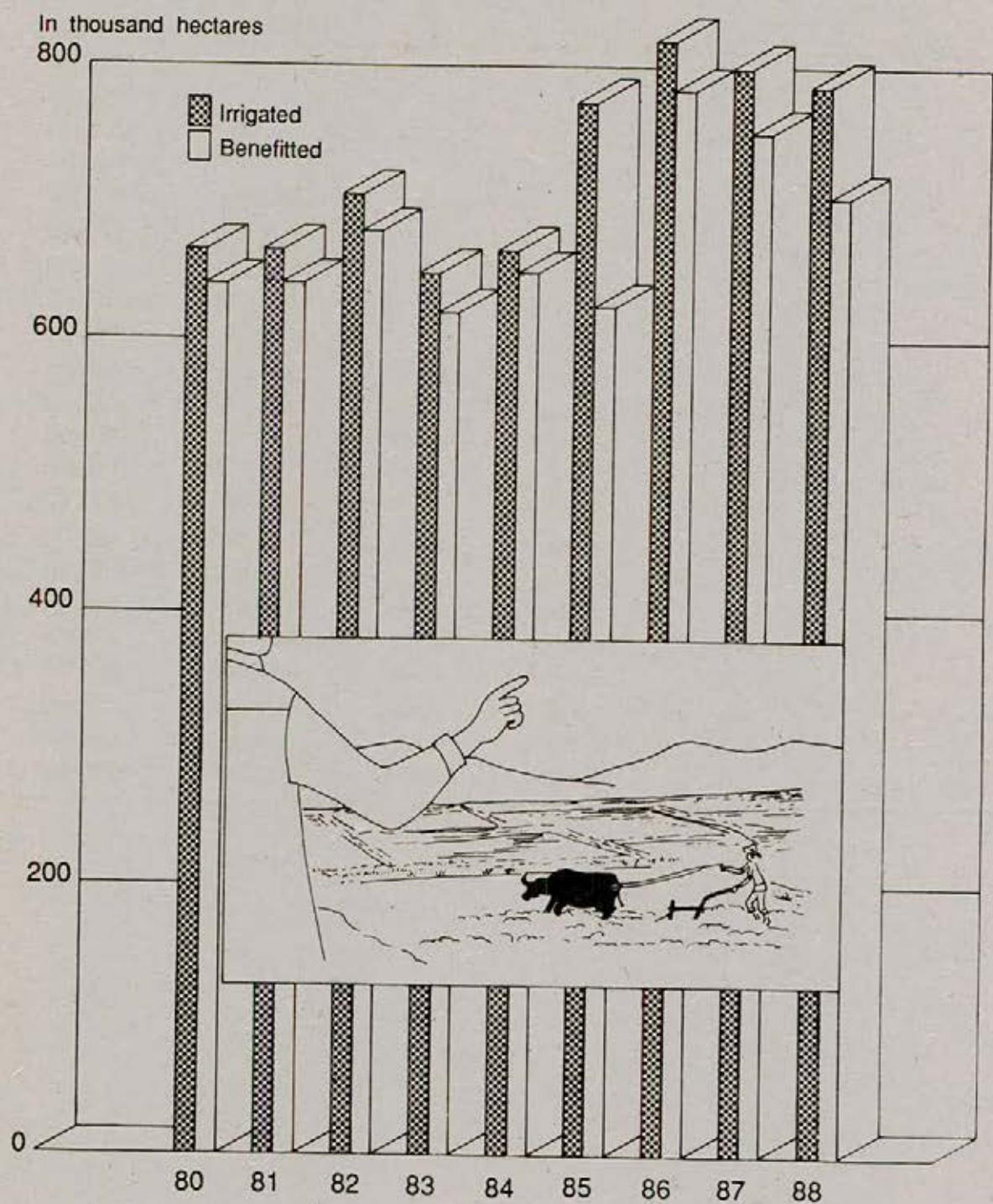


Table 14.10 GENERATED AREA OF NATIONAL, COMMUNAL AND PUMP/PRIVATE IRRIGATION SYSTEMS/PROJECTS: 1964 to 1988
(Area in hectares)

Year	National	Communal	Pump/Private	Total
1964	217,548	272,000	51,452	541,000
1965	217,548	273,240	54,343	545,131
1966	217,548	277,236	57,243	552,027
1967	217,548	285,341	60,154	563,043
1968	224,456	292,886	62,337	579,679
1969	251,347	346,696	63,974	662,017
1970	265,209	355,310	65,202	685,721
1971	287,996	358,325	68,887	715,208
1972	308,374	368,849	75,583	752,806
1973	326,909	380,436	78,261	785,606
1974	350,398	410,269	98,347	859,014
1975	369,660	464,074	118,600	952,334
1976	387,690	506,456	128,179	1,022,325
1977	407,922	545,755	138,027	1,091,704
1978	425,238	564,383	147,830	1,137,451
1979	441,001	587,949	151,671	1,180,621
1980	461,148	615,608	152,128	1,228,884
1981	486,006	637,938	152,128	1,276,132
1982	514,517	669,959	152,128	1,336,604
1983	549,118	684,694	152,128	1,385,940
1984	569,126	694,664	152,128	1,415,918
1985	590,777	700,956	152,128	1,443,861
1986	611,690	704,685	152,128	1,468,503
1987	626,673	708,976	152,128	1,487,777
1988	641,101	720,496	152,128	1,513,725

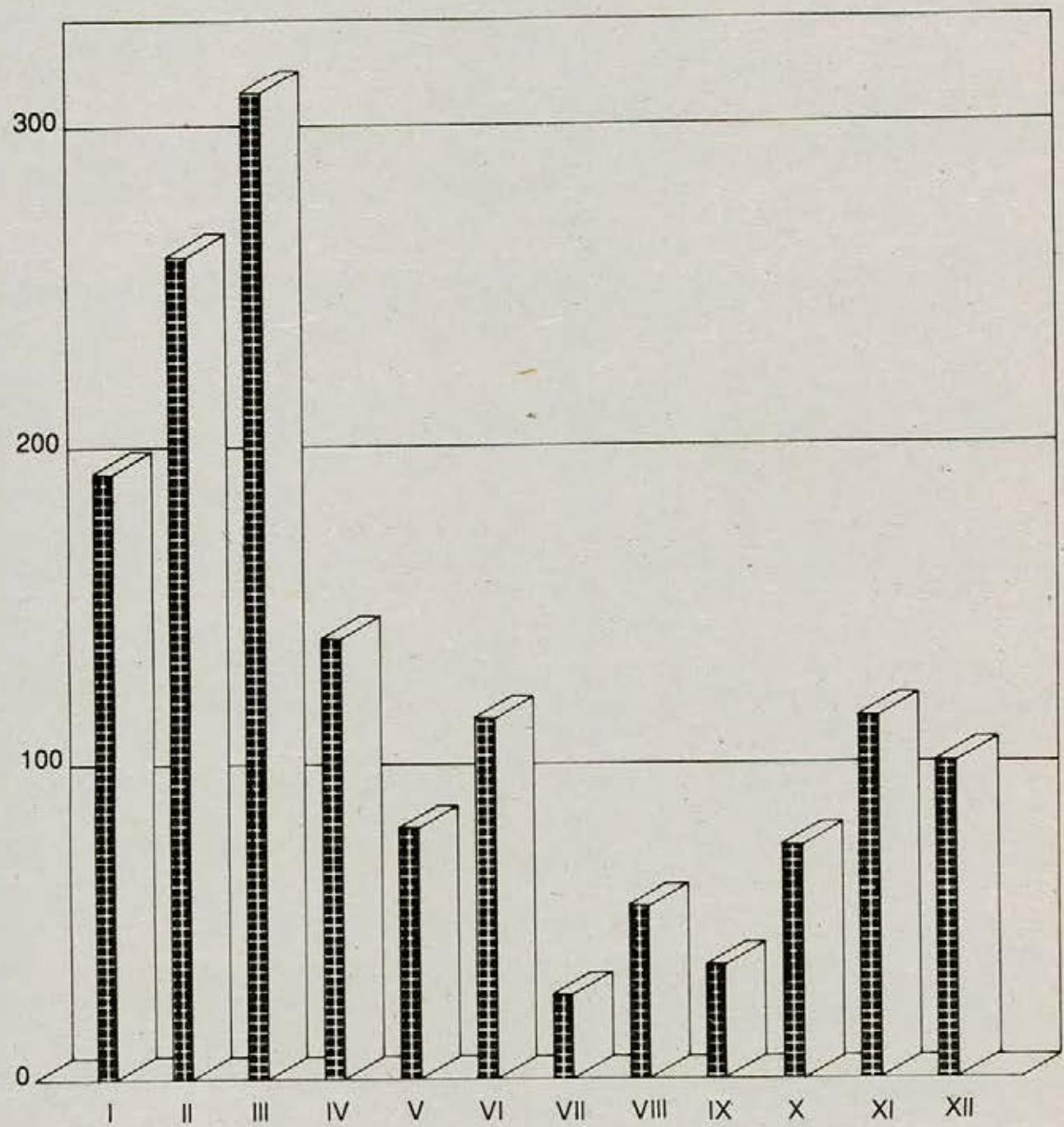
Source: National Irrigation Administration.

Table 14.11 IRRIGATION DEVELOPMENT BY REGION: 1988
(Area in hectares)

Region	Potential Area	National Area	Communal Area	Pump/ Private Area	Total
Philippines	3,169,594	641,101	720,496	152,128	1,513,725
<i>Region 1</i>	400,594	48,674	131,698	11,820	192,192
2	543,362	154,828	88,635	16,914	260,377
3	469,185	174,081	84,120	52,556	310,757
4	254,718	60,845	61,451	18,479	140,775
5	222,321	19,896	52,159	8,387	80,442
6	171,492	53,783	40,313	20,254	114,350
7	62,873	608	23,699	2,729	27,036
8	110,640	13,776	38,039	3,803	55,618
9	78,453	13,387	22,428	1,611	37,426
10	245,298	23,559	50,286	4,015	75,070
11	257,272	48,912	60,512	6,155	115,579
12	353,386	28,752	67,156	5,404	101,313

Source: National Irrigation Administration.

Figure 14.3 Irrigation Developed by Region, 1988
(Area in thousand hectares)



This chapter presents statistics on public finance as it concerns three principal areas of policy, namely: revenue, expenditure, and public debt. The Central Bank of the Philippines (CBP), the Department of Budget and Management (DBM), the Department of Finance (DOF) and the Commission on Audit (COA) are primarily responsible for the compilation and tabulation of statistical series on public finance.

Data published are as follows: Cash budget or revenues and expenditures of the national government on current operating, capital outlays and net lending. This also includes deficit and how this is financed from foreign and domestic sources; Income of other government agencies accruing to the general fund; Expenditures of the national government by functional and sectoral classification and by object class based on financial reports/accountability reports/trial balances submitted to COA and DBM; Local government revenues by type, level of government and from all sources of income and expenditures for personal services, maintenance and other operating expenses and capital outlay are based on financial reports/trial balances submitted to the COA; Financial status of public investment, programmed and actual expenditures, are presented by region and sector in pesos and in dollars for the counterpart fund; Internal debt outstanding are classified by level of government and period of maturity, and; Holders of government securities are categorized as Central Bank, commercial banks, trust funds, semi-government entities, private sector and foreign holders.

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Figure 15.1 National Government Revenues, 1980 - 1988

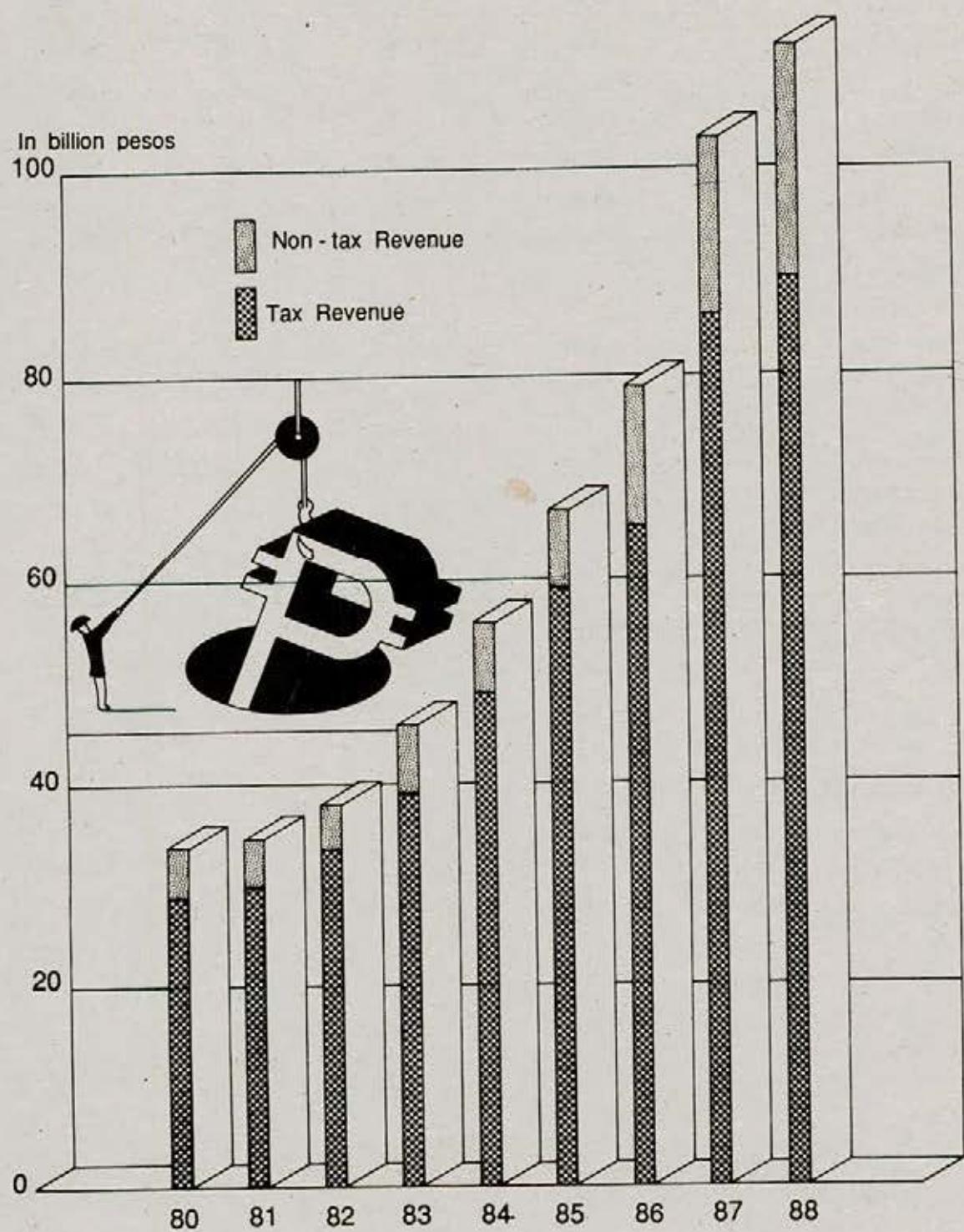


Table 15.1 NATIONAL GOVERNMENT
(In million

Item	1980	1981	1982	1983
<i>Revenues</i>	34,870	40,530	38,267	46,642
<i>Tax</i>	31,270	36,019	33,841	39,816
<i>Non-tax</i>	3,600	4,511	4,426	6,826
<i>Expenditures</i>	37,683	46,510	50,392	50,668
<i>Current operating</i>	25,840	28,890	31,746	34,522
<i>Capital outlays</i>	11,843	17,610	18,646	16,146
<i>Net Budgetary</i>				
<i>Surplus/Deficit</i>	(2,268)	(5,970)	(12,133)	(8,381)
<i>Budgetary Transactions</i>	(2,813)	(5,970)	(12,125)	(4,026)
<i>Net lending</i>	(676)	-	(2,218)	(2,394)
<i>Others</i>	1,221	-	2,210	(1,961)
<i>Financing</i>	3,496	5,970	10,152	11,019
<i>Domestic (net)</i>	1,349	1,577	-	-
<i>External (net)</i>	2,147	4,393	-	-
<i>Change in cash</i>	1,228	-	(1,981)	2,638

Source: Department of Budget and Management.

CASH BUDGET: 1980 to 1989

(pesos)

1984	1985	1986	1987	1988	1989
57,150	68,961	79,245	103,214	128,253	146,946
50,007	61,190	65,491	85,923	100,901	118,487
7,143	7,771	13,754	17,291	27,352	28,459
57,090	67,613	92,990	115,073	149,809	179,959
43,555	55,275	70,950	94,812	126,197	144,111
13,535	12,338	22,040	20,261	23,612	35,848
(9,995)	(11,187)	(28,811)	(19,459)	(28,056)	(35,713)
60	1,348	(13,745)	(11,859)	(21,556)	(33,013)
(10,055)	(12,535)	(15,066)	(7,600)	(6,500)	(2,700)
-	-	-	-	-	-
18,080	12,958	21,612	41,118	45,289	25,001
-	13,298	15,022	34,337	40,313	19,037
-	(340)	6,590	6,781	4,976	5,964
8,085	1,771	(7,199)	21,659	17,233	10,712

Table 15.2 - NATIONAL GOVERNMENT
(In million)

ITEM	1978	1979	1980	1981
Total Revenues	24,103	29,470	34,077	34,600
1. Tax revenue	20,445	25,525	28,833	30,062
<i>a. Taxes on net income and profits</i>	5,111	6,805	8,761	9,710
<i>b. Taxes on property</i>	532	201	196	217
<i>Real property taxes</i>	96	120	121	171
<i>Transfers taxes</i>	436	81	75	46
<i>c. Taxes on goods and services</i>	6,466	8,739	9,332	9,851
<i>General sales, turnover or value added taxes</i>	1,629	2,310	2,602	2,283
<i>Selective taxes on goods</i>	4,106	5,473	5,626	6,215
<i>Selective taxes on services</i>	101	31	30	9
<i>Taxes on use of goods or permissions to perform activities and others</i>	630	925	1,074	1,344
<i>d. Taxes on international trade and transactions</i>	7,816	9,266	9,904	9,771
<i>Import duties & taxes</i>	7,378	8,529	9,438	9,425
<i>Export taxes</i>	438	737	425	305
<i>Others</i>	0	0	41	41
<i>e. Other taxes</i>	520	514	640	513
<i>Stamps taxes</i>	274	349	340	188
<i>Residence tax</i>	5	5	1	0
<i>Others</i>	241	160	299	325
2. Non-tax revenue	3,658	3,945	5,244	4,538
<i>a. Non-tax revenue proper</i>	3,322	3,717	5,020	4,278
<i>b. Capital revenue</i>	125	4	2	3
<i>c. Grants</i>	211	224	222	257

Source: Bureau of the Treasury.

REVENUES, BY TYPE: 1978 to 1988

(pesos)

1982	1983	1984	1985	1986	1987	1988
38,206	46,641	56,861	67,958	79,245	103,214	112,861
33,800	39,848	50,118	60,253	65,491	85,923	90,352
8,406	9,056	12,139	18,655	19,148	21,799	27,409
262	301	271	173	205	239	384
156	199	162	106	123	177	306
106	102	109	67	82	62	78
12,243	13,106	18,793	22,677	26,659	35,893	33,207
2,201	1,942	2,995	3,018	3,712	5,931	7,495
6,611	7,394	11,432	14,024	16,383	22,641	19,597
2,107	2,201	2,384	3,566	4,553	4,727	3,571
1,324	1,569	1,982	2,069	2,011	2,594	2,544
12,153	16,522	17,756	17,444	17,851	26,274	25,580
11,809	16,225	15,448	15,785	16,859	25,977	25,011
287	263	1,737	997	637	15	3
57	34	571	662	355	282	566
736	863	1,159	1,304	1,628	1,718	3,772
678	781	950	1,176	1,451	1,472	2,534
0	0	0	0	0	0	0
58	82	209	128	177	246	1,238
4,406	6,793	6,743	7,705	13,754	17,291	22,509
4,117	6,474	6,428	7,322	13,219	15,568	20,723
3	3	4	3	4	5	11
286	316	311	380	531	1,718	1,775

Table 15.3 - NATIONAL GOVERNMENT EXPENDITURE
(In million

PARTICULARS	1978	1979	1980	1981
<i>Total expenditures</i>	27,106	32,660	38,188	49,481
<i>Economic services</i>	9,758	12,500	15,721	22,088
<i>Agriculture</i>	1,925	2,248	2,475	5,762
<i>Industry, trade, labor and tourism</i>	1,409	912	1,424	3,137
<i>Utilities and infrastructure</i>	6,424	9,340	11,822	13,189
<i>Other economic services</i>	-	-	-	-
<i>Social services</i>	6,647	9,014	7,617	8,325
<i>Education</i>	3,415	4,366	4,204	5,373
<i>Health</i>	1,301	1,227	1,333	1,695
<i>Social security and welfare</i>	651	528	442	573
<i>Housing and community development</i>	684	2,709	1,371	373
<i>Other social services</i>	596	184	267	311
<i>Defense</i>	3,497	4,690	4,760	4,866
<i>General public service</i>	4,880	3,509	6,528	7,878
<i>Multisectoral</i>	-	-	-	-
<i>Debt service fund</i>	2,324	2,947	3,562	6,324

Sources: Budget of Receipts and Expenditures, Department of Budget and Management and Annual Financial Report, Commission on Audit.

PROGRAM BY SECTOR, OBLIGATION BASIS: 1978 to 1989
(pesos)

1982	1983	1984	1985	1986	1987	1988	1989
55,854	61,798	92,107	92,510	115,093	155,503	190,689	228,940
14,923	22,758	14,932	31,373	31,845	25,039	35,577	44,754
3,714	4,880	3,930	4,606	5,559	7,476	13,387	16,217
905	1,921	788	1,915	2,204	1,157	1,374	1,343
9,981	12,581	8,486	13,378	15,088	12,358	13,863	22,309
323	3,376	1,728	11,474	8,994	4,048	6,953	4,885
14,941	16,072	16,852	21,759	25,972	27,493	35,867	43,988
6,303	6,878	7,539	10,976	13,377	17,040	21,938	29,909
2,150	2,834	2,591	3,220	3,567	4,088	6,049	7,353
1,457	1,555	1,595	1,875	2,783	1,374	1,820	3,720
4,682	4,681	4,479	5,505	6,154	444	503	374
349	124	648	183	91	4,547	5,557	2,632
5,797	6,114	5,990	7,123	6,293	12,549	16,788	20,770
5,633	5,707	15,905	8,609	9,685	12,559	15,637	18,989
5,879	-	-	1,377	-	-	-	-
8,681	11,147	38,428	22,269	41,298	77,863	86,820	100,439

Table 15.4 - NATIONAL GOVERNMENT EXPENDITURES
(In thousand)

Type of expenditure	1978	1979	1980	1981
National Government expenditures	34,421.9	41,738.9	41,424.0	49,481.0
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, and other benefits)	7,441.4	8,293.7	9,725.0	11,961.0
2. Maintenance & other operating expenses	10,454.5	10,155.0	8,823.0	9,000.0
a. Travelling expenses			655.0	598.0
b. Communication services			-	-
c. Repairs & maintenance of government facilities			1,106.0	1,142.0
d. Transportation services			-	-
e. Other services			3,493.0	2,628.0
f. Supplies and materials			1,852.0	2,289.0
g. Rent expense			-	-
h. Maintenance of motor vehicles used for official travel of officials & employees			581.0	600.0
i. Water, illumination & power service			-	-
j. Discretionary expenses, representation and emergency expenses			-	-
k. Others			1,136.0	1,743.0
3. Debt Service	1,617.1	1,994.2	6,169.0	6,266.0
a. Interest payments	1,308.2	1,651.7	2,293.0	2,369.0
b. Loan repayment & sinking fund contribution	308.9	342.5	3,876.0	3,897.0
4. Transfer payments	7,655.4	9,101.0	2,698.0	3,196.0
a. Grants, subsidies & contributions	-	-	2,698.0	3,196.0
b. Awards and indemnities	-	-	-	-
c. SSS benefits & other claims (retirement benefits & gratuities)	-	-	-	-
5. Capital Outlay	7,253.5	12,195.0	14,009.0	19,058.0
a. Land & land improvement; building & structure outlay	3,613.7	8,036.5	7,202.0	7,122.0
b. Furniture & equipment outlay	-	352.1	392.0	371.0
c. Investment outlay	3,441.5	3,321.0	6,108.0	10,890.0
d. Loans outlay	198.3	485.4	307.0	675.0

Source: Annual Financial Report of the National Government, Commission on Audit and Budget on Expenditures and Sources of Financing, Department of Budget and Management.

BY ECONOMIC CLASSIFICATION, 1978 to 1989

(pesos)

1982	1983	1984	1985	1986	1987	1988	1989
55,854.0	61,798.0	92,107.0	92,511.0	115,102.0	115,072.3	149,808.9	179,959.4
13,617.0	14,468.0	18,304.0	22,530.0	26,733.0	31,537.4	49,502.8	54,911.0
10,954.0	10,235.0	11,318.0	12,665.0	13,443.0	63,274.1	76,694.3	89,200.0
727.0	889.0	921.0	675.0	717.0	935.9	1,449.5	1,677.6
76.0	88.0	118.0	161.0	159.0	177.3	295.2	336.5
1,502.0	1,329.0	1,645.0	1,556.0	2,322.0	2,345.5	2,578.5	2,712.0
148.0	151.0	179.0	242.0	228.0	200.3	276.8	353.8
3,554.0	3,284.0	3,242.0	4,147.0	3,974.0	8,416.8	6,479.4	9,589.9
2,685.0	2,832.0	3,044.0	3,687.0	3,745.0	4,597.1	5,675.9	8,157.6
189.0	247.0	294.0	302.0	313.0	275.4	489.1	571.9
604.0	751.0	807.0	866.0	784.0	963.7	1,229.4	1,490.4
305.0	310.0	512.0	600.0	751.0	724.4	1,183.9	1,334.5
197.0	205.0	418.0	267.0	197.0	343.0	188.1	187.8
967.0	149.0	138.0	162.0	253.0	92.8	111.5	192.0
8,591.0	11,251.0	38,360.0	22,264.0	40,562.0	37,434.3	45,948.8	51,459.2
3,560.0	4,928.0	10,383.0	14,901.0	21,442.0	37,434.2	45,941.8	514,591.8
5,031.0	6,323.0	27,977.0	7,363.0	19,120.0	0.1	7.0	0.0
2,913.0	4,219.0	4,316.0	5,558.0	7,919.0	6,767.4	10,788.1	11,136.5
2,685.0	3,941.0	3,989.0	5,207.0	6,922.0	5,934.9	9,811.2	9,948.2
228.0	278.0	-	-	-	19.2	8.6	10.8
-	-	327.0	351.0	997.0	813.3	968.3	1,177.5
19,779.0	21,625.0	19,809.0	29,494.0	26,445.0	20,260.7	23,611.7	35,848.3
6,772.0	8,530.0	5,358.0	8,184.0	8,312.0	11,285.1	12,659.1	24,152.4
820.0	833.0	648.0	1,169.0	879.0	1,225.7	1,684.6	3,201.0
8,820.0	6,377.0	9,889.0	14,403.0	12,128.0	4,724.1	2,303.1	2,975.1
3,367.0	5,885.0	3,913.0	5,738.0	5,126.0	3,025.8	6,964.8	5,519.8

**Table 15.5 - LOCAL GOVERNMENT REVENUES¹ BY TYPE: 1965 to 1987
(Provinces, Chartered Cities and Municipalities)**
(In million pesos)

Year ²	Total income	Revenue from taxation	Incidental revenue	Receipts from operations	Other receipts
1965	570.4	385.5	44.1	55.5	85.3
1966	640.3	400.9	46.6	63.9	129.8
1967	682.4	453.5	50.7	68.6	109.6
1968	750.4	496.4	53.8	73.5	126.7
1969	853.5	577.4	57.4	77.8	140.9
1970	1,005.6	692.3	63.9	81.1	168.3
1971	1,094.4	793.6	68.9	88.5	143.4
1972	1,383.7	995.3	75.3	95.0	218.1
1973	1,596.8	1,145.4	101.2	118.9	231.3
1974	1,845.5	1,262.0	121.3	129.6	332.6
1975	2,344.1	1,454.1	152.9	158.2	578.9
1976	1,812.8	1,164.3	120.8	111.8	415.9
1977	2,624.9	1,896.7	298.5	280.6	149.1
1978	2,847.4	2,011.9	4.6	606.0	144.9
1979	3,686.5	2,682.0	339.4	586.8	78.3
1980	4,573.4	3,280.6	374.7	638.2	279.9
1981	5,101.9	3,804.6	431.4	752.2	113.7
1982	5,929.1	4,501.2	469.3	879.2	79.4
1983	6,699.8	5,040.4	463.8	1,052.4	143.2
1984	7,348.5	5,454.0	530.0	1,204.9	159.6
1985	8,510.3	6,198.5	763.1	1,430.7	118.0
1986	8,661.1	6,537.3	739.2	1,322.8	61.8
1987	8,923.5	6,777.4	641.5	1,460.8	43.8

1 Includes administration of Provincial City and Municipal Emergency hospitals up to 1975.

2 Data for 1965 to 1975 are for fiscal years ending June 30 while figures for 1976 refer to calendar year 1976. Data for 1965-1977 were not revised.

Source: Commission on Audit.

Figure 15.2 National Government Expenditure Program, 1980 - 1989

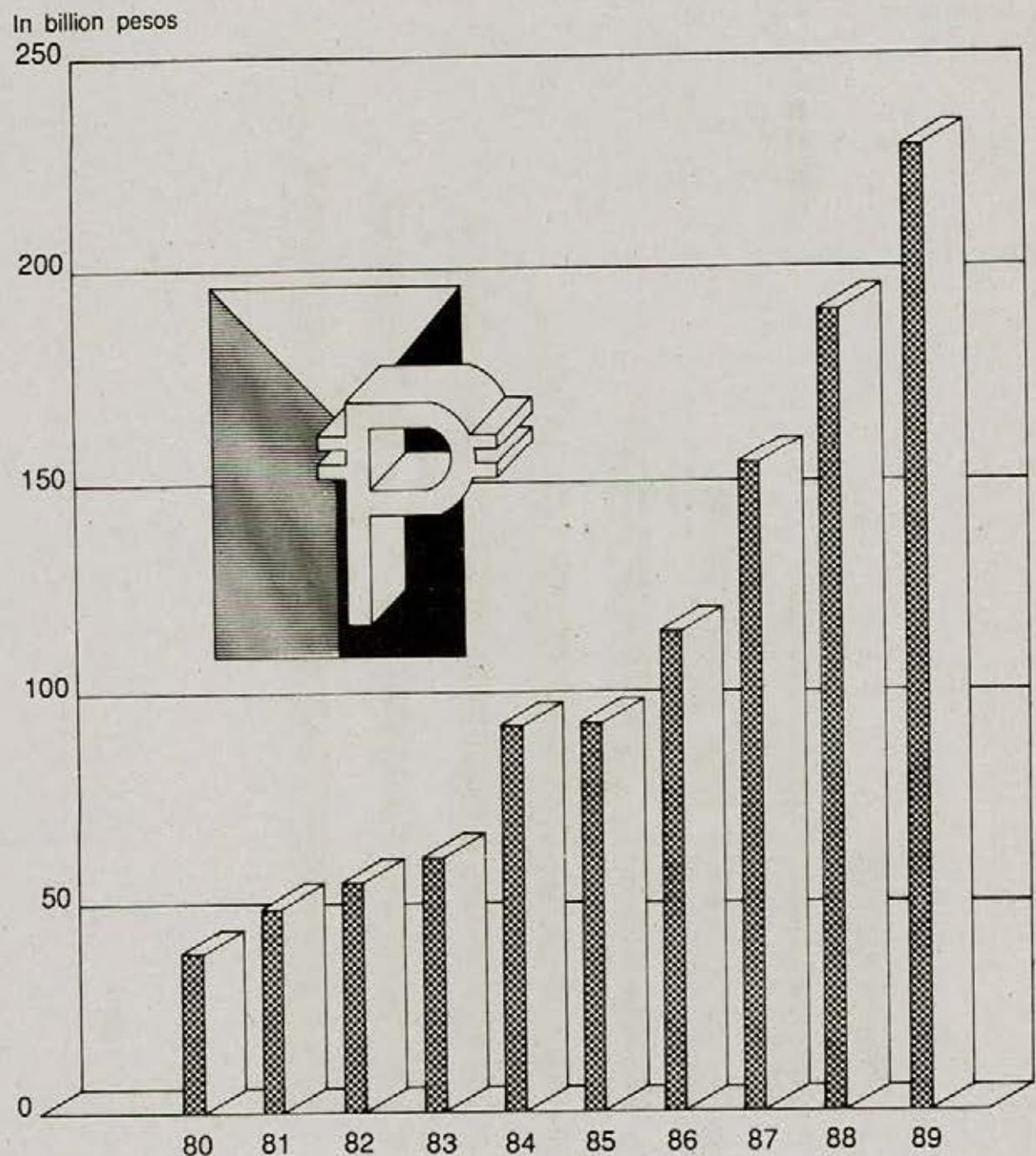
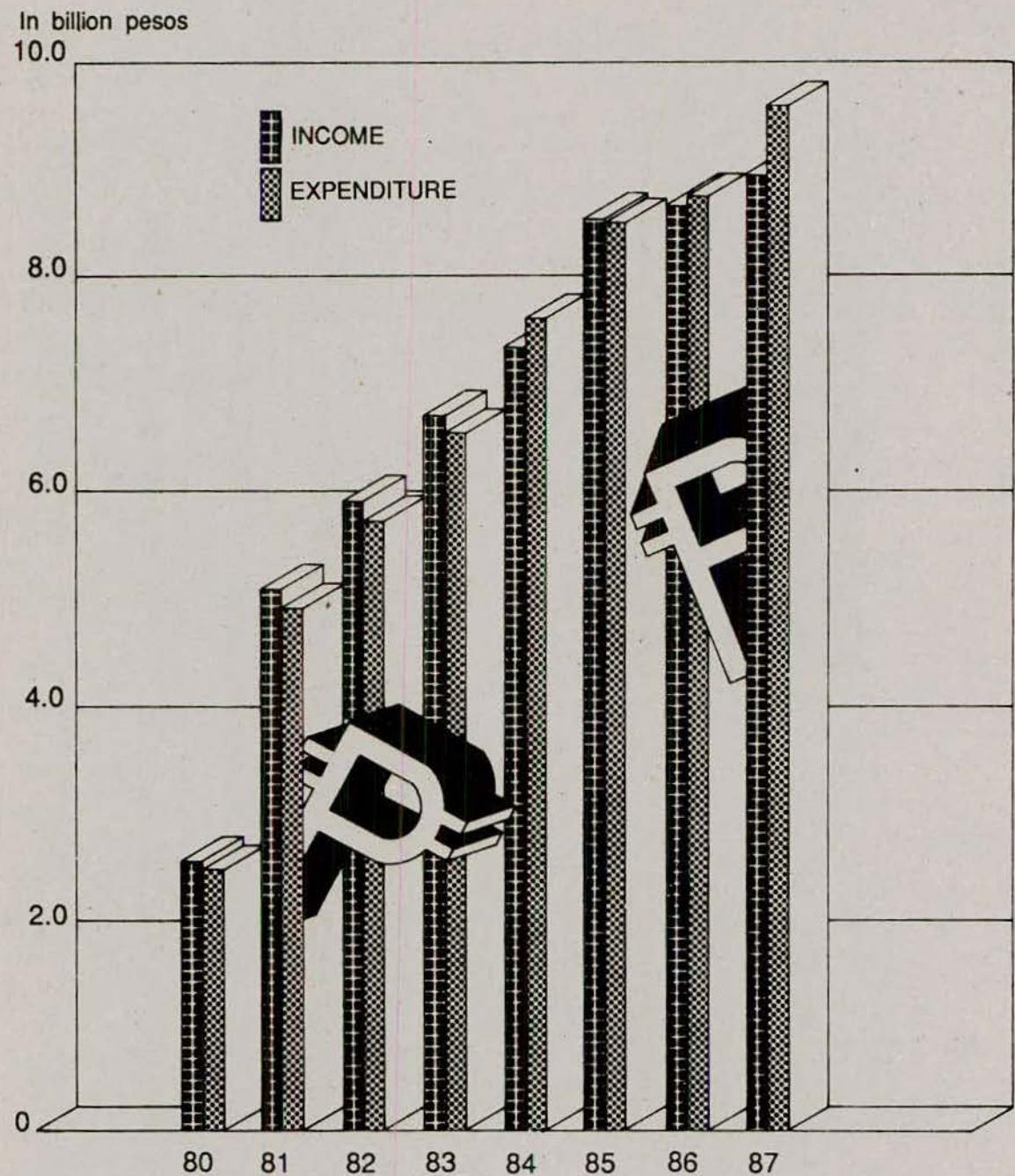


Figure 15.3 Comparative Schedule of Income and Expenditure for Local Government Units, 1980 - 1987



**Table 15.6 – COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES
FOR LOCAL GOVERNMENT UNITS, ALL FUNDS: 1980 to 1987**
(In million pesos)

Income/expenditures	1980	1981	1982	1983	1984	1985	1986	1987
<i>Income</i>								
<i>Tax Revenue</i>	3,280.6	3,804.6	4,501.2	5,040.4	5,454.0	6,198.5	6,537.3	6,777.4
<i>Operating & miscellaneous revenues</i>								
revenues	638.2	752.2	879.2	1,052.4	1,204.9	1,430.7	1,322.8	1,460.3
<i>Capital Revenue</i>	6.7	7.2	9.8	11.9	5.1	15.3	5.0	8.6
<i>Grants</i>	368.0	424.2	459.5	451.9	524.9	747.8	734.2	632.9
<i>Extraordinary income</i>	7.3	9.6	11.7	16.1	10.7	38.8	12.1	30.4
<i>Borrowings</i>	272.6	104.1	67.7	127.1	148.9	79.2	49.7	13.4
Total Income	4,573.4	5,101.9	5,929.1	6,699.8	7,348.5	8,510.3	8,661.1	8,923.5
<i>Expenditures</i>								
<i>Personal Services</i>	1,664.9	2,001.4	2,358.0	2,600.0	3,100.6	3,732.3	4,355.5	4,819.6
<i>Maintenance and other operating expenses</i>								
expenses	1,871.3	2,214.9	2,393.7	2,756.3	3,312.1	3,569.0	3,484.4	3,654.6
<i>Capital outlay</i>	953.8	875.4	961.1	1,188.6	1,203.6	1,206.6	878.8	1,113.0
Total Expenditures	4,490.0	5,091.7	5,712.8	6,544.9	7,616.3	8,507.9	8,718.7	9,587.2

Source: Annual Financial Report on Local Government, Commission on Audit.

**Table 15.7 – FINANCIAL STATUS OF
BY REGION:**
(Figures in

REGION		Releases	Actual Releases
<i>C A R</i>	TP	580.803	463.691
	\$	10.556	7.295
	P	353.849	306.848
<i>Region I</i>	TP	245.628	145.171
	\$	4.024	3.920
	P	159.112	60.891
<i>Region II</i>	TP	334.549	134.947
	\$	11.032	4.775
	P	97.361	32.284
<i>Region III</i>	TP	426.738	310.136
	\$	3.785	3.402
	P	345.360	236.993
<i>Region IV</i>	TP	789.455	657.625
	\$	19.998	16.899
	P	359.498	294.296
<i>Region V</i>	TP	320.435	267.871
	\$	5.543	4.905
	P	201.260	162.413
<i>Region VI</i>	TP	177.320	182.736
	\$	5.098	5.723
	P	67.713	59.691
<i>Region VII</i>	TP	627.152	472.272
	\$	16.169	12.573
	P	279.518	201.952
<i>Region VIII</i>	TP	228.641	183.425
	\$	1.786	1.786
	P	190.242	145.026

Source: National Economic and Development Authority

**PUBLIC INVESTMENT PROGRAM ,
CY 1988
(Million)**

REGION		Releases	Actual Expenditure
<i>Region IX</i>	TP	40.155	32.368
	\$	1.050	1.050
	P	17.580	9.793
<i>Region X</i>	TP	501.360	467.690
	\$	3.613	2.395
	P	423.680	416.197
<i>Region XI</i>	TP	515.428	413.325
	\$	7.485	3.831
	P	354.500	330.958
<i>Region XII</i>	TP	429.604	417.249
	\$	6.213	6.144
	P	296.024	285.153
<i>NCR</i>	TP	1,581.741	1,204.135
	\$	27.633	20.898
	P	987.631	754.828
<i>INTER-REGIONAL</i>	TP	1,291.712	1,156.193
	\$	26.875	24.163
	P	713.899	636.688
<i>NATIONWIDE</i>	TP	9,409.631	7,187.858
	\$	105.602	65.143
	P	7,139.188	5,787.284
<i>TOTAL</i>	TP	17,500.348	13,696.688
	\$	256.462	184.902
	P	11,986.415	9,721.295

**Table 15.8 – FINANCIAL STATUS OF PUBLIC INVESTMENT PROGRAM,
BY SECTOR, 1988**
(Figures in Million)

SECTOR		Releases	Actual Expenditures
<i>Agriculture</i>	TP	4,985.540	3,647.907
	\$	69.927	52.260
	P	3,482.109	2,524.317
<i>Communications</i>	TP	77.480	19.568
	\$	0.614	0.614
	P	64.279	6.367
<i>Flood Control & Drainage</i>	TP	1,029.248	871.872
	\$	8.505	7.464
	P	846.390	711.396
<i>Industry & Utilities</i>	TP	774.217	669.319
	\$	9.935	6.674
	P	560.614	525.828
<i>Power, Energy & Electrification</i>	TP	2,869.930	2,869.930
	\$	33.809	33.809
	P	2,143.036	2,143.036
<i>Social Services/Infrastructure</i>	TP	2,827.641	2,485.593
	\$	18.833	18.496
	P	2,422.732	2,087.929
<i>Transportation</i>	TP	2,454.029	1,778.085
	\$	54.164	43.774
	P	1,289.503	836.944
<i>Urban Infrastructure</i>	TP	509.354	309.313
	\$	13.661	8.183
	P	215.642	133.378
<i>Water Supply, Sewerage & Sanitation</i>	TP	1,940.677	1,033.636
	\$	46.928	13.576
	P	931.725	741.752
<i>Others</i>	TP	32.234	11.466
	\$	0.086	0.052
	P	30.385	10.348
<i>Total</i>	TP	17,500.348	13,696.688
	\$	256.462	184.902
	P	11,986.415	9,721.295

Source: National Economic and Development Authority

**Table 15.9 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY
LEVEL OF GOVERNMENT: 1950 to 1988**

End of Period	Total	National Government	Local Government	Government Corporations	Monetary Institutions
1950	588.6	437.6	66.0	85.0	0.0
1955	1,181.0	867.4	43.9	269.7	0.0
1960	2,137.5	1,454.0	26.4	657.1	0.0
1965	3,179.8	1,986.6	72.0	1,121.2	0.0
1970	7,191.0	4,019.5	107.1	2,145.7	918.7
1971	7,701.9	4,286.7	103.8	2,171.9	1,139.5
1972	9,701.4	5,607.8	106.3	2,265.3	1,722.0
1973	12,533.4	7,294.2	96.3	2,004.7	3,138.2
1974	16,629.5	9,877.0	107.6	1,032.5	5,612.4
1975	20,838.5	10,991.1	127.6	1,827.2	7,892.6
1976	23,394.4	13,175.5	166.1	1,977.4	8,075.4
1977	27,364.7	15,262.2	219.9	2,572.8	9,309.8
1978	32,470.2	17,838.8	279.9	3,331.2	11,020.3
1979	36,826.6	19,086.6	289.4	3,919.8	13,530.8
1980	41,181.6	21,875.5	335.9	4,978.5	13,991.7
1981	49,364.6	28,657.0	361.7	6,656.4	13,689.5
1982	57,563.4	35,343.6	431.9	9,855.5	11,932.4
1983	61,114.4	41,841.3	380.5	12,157.1	6,735.5
1984	84,146.2	57,735.1	174.0	13,206.0	13,031.1
1985	116,286.5	75,972.2	182.4	14,003.8	26,128.1
1986	144,351.6	108,085.2	161.3	12,411.1	23,694.0
1987	161,100.3	150,751.2	116.0	9,313.3	919.8
1988					
1st qtr	188,348.4	178,479.1	116.0	8,594.1	1,159.2
2nd qtr	196,881.7	184,916.8	116.0	8,070.4	3,778.5
3rd qtr	203,639.3	191,990.0	116.0	7,926.7	3,606.6
4th qtr	207,657.6	195,494.0	116.0	8,081.9	3,965.7

Source: Central Bank of the Philippines.

**Table 15.10 – INTERNAL DEBT OUTSTANDING CLASSIFIED
BY PERIOD OF MATURITY: 1950 TO 1988**
(In million pesos)

End of Period	Total	Long Term	Medium Term	Short Term
1950	588.6	498.5	0.0	90.1
1955	1,181.0	1,156.3	6.0	18.7
1960	2,137.5	1,251.0	220.9	665.6
1965	3,179.8	1,454.9	505.8	1,219.1
1970	7,191.0	2,810.1	1,569.7	2,811.2
1971	7,701.9	2,751.8	2,893.5	2,056.6
1972	9,701.4	2,627.9	4,046.7	3,026.8
1973	12,533.4	3,341.6	5,380.2	3,811.6
1974	16,629.5	4,656.2	7,514.0	4,459.3
1975	20,838.5	5,878.1	8,439.7	6,520.7
1976	23,394.4	7,614.4	10,866.6	4,913.4
1977	27,364.7	9,693.6	12,030.7	5,640.4
1978	32,470.2	12,769.3	11,869.0	7,831.9
1979	36,826.6	13,027.7	14,732.3	9,066.6
1980	41,181.6	13,533.5	16,683.5	10,964.6
1981	49,364.6	16,476.6	17,616.7	15,271.3
1982	57,563.4	20,085.1	19,579.0	17,899.3
1983	61,114.4	21,727.7	24,971.9	14,414.8
1984	84,146.2	21,086.5	24,153.6	38,906.1
1985	116,286.5	26,278.2	20,427.4	69,580.9
1986	144,351.6	27,595.8	16,976.2	99,779.6
1987	161,100.3	24,252.2	22,997.2	113,850.9
1988				
1st quarter	188,348.4	23,601.4	26,852.4	137,894.6
2nd quarter	196,881.7	23,196.1	26,141.0	147,544.6
3rd quarter	203,639.3	22,562.9	30,391.6	150,684.8
4th quarter	207,657.6	22,558.5	26,699.0	158,400.1

Note: Starting 1977, revised to exclude dollar treasury bills.

Source: Central Bank of the Philippines.

**Table 15.11 - HOLDERS OF OUTSTANDING GOVERNMENT
DOMESTIC SECURITIES: 1977 TO 1988**
(In million pesos)

End of Period	Total ¹	Central Bank	Commercial and other banks	Trust Funds	Semi- government entities	Private sector
1977	24,593.4	3,990.5	8,860.8	1,699.2	6,537.2	3,505.7
1978	27,819.7	3,532.6	11,730.3	2,118.7	5,886.6	4,551.5
1979	29,568.0	3,631.9	12,376.0	2,702.0	8,032.1	2,826.0
1980	34,000.2	4,657.7	12,969.5	4,326.6	6,990.5	5,055.9
1981	38,199.5	5,002.7	13,760.8	4,897.4	9,561.0	4,977.6
1982	46,713.6	7,809.7	16,232.0	5,279.9	10,917.7	6,474.3
1983	48,599.2	8,368.2	16,375.5	5,749.0	13,552.9	4,553.6
1984	69,590.3	11,336.6	20,867.1	6,522.5	11,892.8	18,971.3
1985	94,889.8	12,182.0	19,728.2	7,340.6	14,016.1	41,622.9
1986	123,711.1	11,070.1	26,116.5	7,809.8	15,062.4	63,652.3
1987	150,299.6	9,156.8	21,405.2	10,032.7	20,607.6	89,097.3
1988						
Jan	154,239.6	8,289.6	22,793.9	10,048.4	21,213.7	91,894.0
Feb	164,482.8	8,236.4	29,066.0	10,258.8	22,390.5	94,531.1
Mar	177,435.5	8,173.8	33,793.0	10,672.0	22,394.7	102,402.0
Apr	183,363.3	7,980.0	33,543.5	10,741.7	19,527.5	111,570.6
May	182,558.0	7,780.6	33,318.7	10,926.0	18,971.7	111,561.0
Jun	186,723.9	7,500.9	38,596.5	11,079.2	18,811.4	110,735.9
Jul	188,068.6	7,207.4	32,927.0	12,148.7	20,067.5	115,718.0
Aug	190,556.3	7,296.2	32,651.2	11,933.0	20,490.0	118,185.9
Sep	193,306.7	7,271.3	36,225.6	11,527.7	20,051.8	118,230.3
Oct	193,864.9	7,130.0	32,321.6	11,608.2	20,829.1	121,976.0
Nov	195,811.2	7,051.1	31,908.3	11,638.5	21,081.1	124,132.2
Dec	197,296.4	7,313.1	35,091.4	11,532.0	25,894.7	117,465.2

1 Revised to exclude dollar treasury bills and Central Bank certificate of indebtedness (CBCIs).

Source: Central Bank of the Philippines.

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.

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Table 16.1 – MONEY SUPPLY AND ITS ORIGIN: 1970 TO 1988
(In million pesos)

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,697.0	(795.0)	13,582.0	5,480.0	2,610.0
1971	5,179.0	(680.0)	14,593.0	6,321.0	2,413.0
1972	6,470.0	(734.0)	16,400.0	6,447.0	2,749.0
1973	7,268.0	2,390.0	18,386.0	12,727.0	781.0
1974	9,007.0	2,750.0	26,472.0	17,016.0	3,199.0
1975	10,314.0	(673.0)	35,487.0	20,431.0	4,069.0
1976	12,075.0	(714.0)	43,772.0	25,835.0	5,148.0
1977	14,939.0	(1,289.0)	51,452.0	31,216.0	4,008.0
1978	16,945.0	(4,533.0)	63,088.0	37,729.0	3,881.0
1979	18,844.0	(11,109.0)	79,771.0	41,660.0	8,158.0
1980	22,537.0	(17,303.0)	96,209.0	48,392.0	7,977.0
1981	23,523.0	(22,835.0)	117,678.0	61,692.0	9,628.0
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,489.3	(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	42,657.2	(112,514.3)	124,728.0	101,463.5	(131,907.0)
1987	52,090.3	(108,213.1)	108,380.4	110,346.5	(162,269.5)
1988					
January	49,749.0	(105,102.1)	109,441.5	111,201.0	(156,610.6)
February	49,647.4	(104,776.1)	106,961.6	115,316.3	(162,778.2)
March	51,576.5	(102,425.4)	106,717.9	115,530.4	(162,814.4)
April	51,142.2	(102,223.1)	106,577.9	113,847.9	(160,635.3)
May	51,570.8	(98,762.0)	107,492.3	117,518.7	(160,359.2)
June	49,995.2	(99,829.2)	110,469.7	122,743.9	(162,098.6)
July	49,921.7	(100,931.4)	108,973.9	118,831.4	(160,710.6)
August	49,981.2	(100,221.1)	109,411.4	120,796.3	(161,587.2)
September	49,350.6	(101,183.8)	114,759.8	127,507.5	(163,282.1)
October	50,914.7	(104,919.1)	115,464.8	124,356.5	(164,725.5)
November	52,005.0	(108,278.5)	118,206.8	130,302.7	(172,379.4)
December	59,548.4	(94,713.0)	121,941.7	138,283.3	(170,603.0)

Source: Central Bank of the Philippines.

Table 16.2 - FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1988
(In million pesos)

End of Period	Money supply	Internal sector			External Sector
		Total	Public Sector	Private Sector	
1970	4,696.8	5,492.0	3,269.0	2,223.0	(795.2)
1971	5,178.9	5,859.0	2,947.0	2,912.0	(680.1)
1972	6,470.4	7,204.0	3,073.0	4,131.0	(733.6)
1973	7,268.2	4,878.0	1,741.0	3,137.0	2,390.2
1974	9,007.0	6,257.0	(106.0)	6,363.0	2,750.0
1975	10,314.0	10,987.0	7,061.0	3,926.0	(673.0)
1976	12,075.0	12,789.0	9,700.0	3,089.0	(714.0)
1977	14,939.0	16,228.0	11,310.0	4,918.0	(1,289.0)
1978	16,945.0	21,478.0	12,092.0	9,386.0	(4,533.0)
1979	18,844.0	29,953.0	12,193.0	17,760.0	(11,109.0)
1980	22,537.0	39,840.0	14,993.0	24,847.0	(17,303.0)
1981	23,523.0	46,358.0	19,497.0	26,861.0	(22,835.0)
1982	23,495.4	65,096.6	35,304.2	29,792.4	(41,601.2)
1983	32,489.3	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	42,677.2	155,171.5	171,224.2	(16,052.7)	(112,494.3)
1987	52,090.3	160,303.4	178,876.5	(18,573.1)	(108,213.1)
1988					
January	49,749.0	154,851.1	178,033.5	(23,182.4)	(105,100.1)
February	49,647.4	154,423.5	177,983.2	(23,559.7)	(104,776.1)
March	51,576.5	154,001.9	174,946.4	(20,944.5)	(102,425.4)
April	51,142.2	153,365.3	171,946.6	(18,581.2)	(102,223.1)
May	51,570.8	150,332.8	172,707.1	(22,374.3)	(98,762.0)
June	49,995.2	149,824.4	174,204.6	(24,380.3)	(99,829.2)
July	49,921.7	150,853.1	173,615.3	(22,762.2)	(100,931.4)
August	49,981.2	150,202.3	174,467.1	(24,264.8)	(100,221.1)
September	49,350.6	150,534.4	176,098.4	(25,564.0)	(101,183.8)
October	50,914.7	155,833.8	178,033.7	(22,199.9)	(104,919.1)
November	52,005.0	160,283.5	183,693.1	(23,409.6)	(108,278.5)
December	59,548.4	154,261.4	186,822.3	(32,560.9)	(94,713.0)

Source: Central Bank of the Philippines.

Table 16.3 – DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1945 TO 1988
(In million pesos)

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposits substitutes
		Total	Currency in circulation	Peso deposits subject to check	Total	Savings deposits	Time deposits	
1945	1,239.3	1,120.0	882.0	238.0	119.3	119.3	0.0	0.0
1950	1,497.3	1,225.1	675.0	550.1	272.2	237.6	34.6	0.0
1955	1,830.1	1,307.1	671.5	635.6	523.0	357.7	165.3	0.0
1960	2,827.8	1,867.3	952.9	914.4	960.5	719.1	241.4	0.0
1965	5,464.2	2,975.2	1,483.2	1,492.0	2,489.0	1,437.4	1,051.6	0.0
1970	9,387.6	4,696.6	2,410.0	2,286.6	4,691.0	4,691.0	0.0	0.0
1975	28,885.8	10,314.8	4,748.8	5,566.0	8,939.3	7,295.0	1,644.3	9,631.7
1976	35,897.4	12,074.9	5,651.8	6,423.1	12,949.8	9,207.1	3,742.7	10,872.7
1977	43,931.1	14,938.5	6,727.6	8,210.9	17,593.1	11,536.1	6,057.0	11,399.5
1978	51,837.2	16,945.5	8,135.0	8,810.5	23,397.8	15,010.7	8,387.1	11,493.9
1979	57,360.0	18,843.6	9,181.7	9,661.9	26,565.5	16,900.2	9,665.3	11,950.9
1980	67,803.2	22,537.5	10,174.6	12,362.9	32,894.3	19,529.9	13,364.4	12,371.4
1981	82,091.3	23,524.3	11,625.8	11,898.5	42,114.8	24,198.3	17,918.5	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	19,807.3	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	141,139.9	42,657.2	29,311.0	13,346.2	93,608.2	60,557.1	33,051.1	4,874.5
1987	159,232.0	52,090.2	35,451.7	16,638.5	103,536.4	70,632.5	32,903.9	3,605.4
1988								
January	157,909.8	49,749.0	32,686.6	17,062.4	104,325.6	69,561.5	34,764.1	3,835.2
February	162,070.8	49,647.4	31,049.0	18,598.4	108,682.6	72,525.2	36,157.4	3,740.8
March	164,372.0	51,576.5	32,835.2	18,741.3	109,418.7	72,425.7	36,993.0	3,376.8
April	162,259.9	51,142.2	32,812.1	18,330.1	108,461.6	71,837.7	36,623.9	2,656.1
May	166,319.1	51,570.8	31,831.4	19,740.3	111,629.0	73,136.7	38,492.3	3,119.3
June	170,044.6	49,995.2	30,681.0	19,314.2	116,686.1	76,364.9	40,321.2	3,363.3
July	165,973.1	49,921.7	31,240.2	18,681.5	112,888.8	73,022.3	39,866.5	3,162.6
August	167,971.3	49,981.2	30,405.9	19,575.3	115,841.3	74,551.5	41,289.8	2,198.8
September	173,635.8	49,350.6	31,766.2	17,584.4	121,652.0	79,805.8	42,046.2	2,632.3
October	172,233.4	50,914.7	33,253.5	17,661.2	118,407.7	76,321.3	42,086.4	2,911.0
November	179,440.1	52,005.0	33,570.2	18,434.8	124,282.1	81,689.8	42,592.3	3,153.0
December	194,940.0	59,548.4	40,724.6	18,823.8	132,857.4	89,682.6	43,174.8	2,534.2

Source: Central Bank of the Philippines.

Figure 16.1 Money Supply and Its Origin, 1983 - 1988

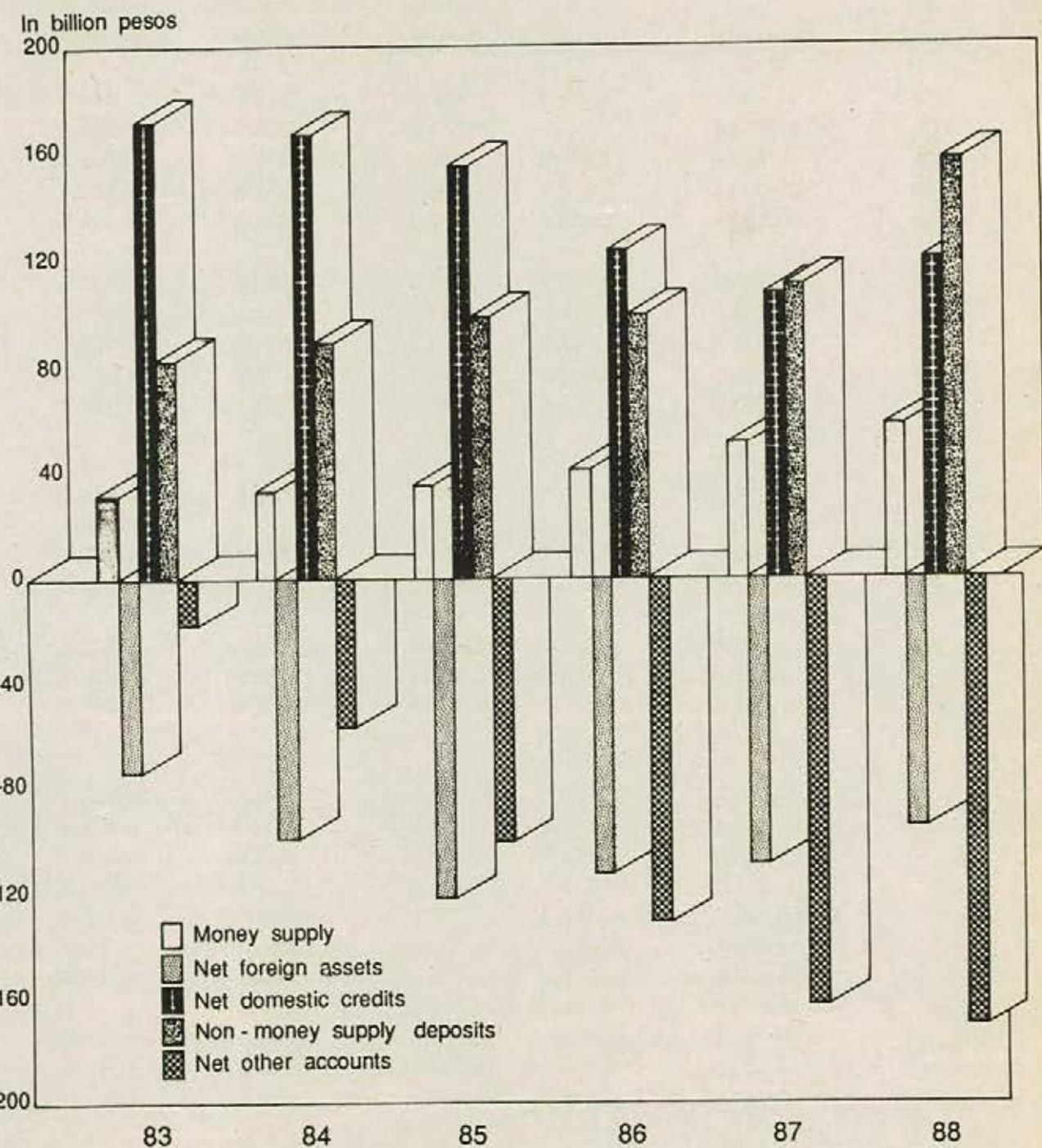


Table 16.4 – GROSS DOMESTIC CREDITS OF
(In million)

End of Period	Grand Total	Domestic securities			Private busi- nesses and individuals
		Total	National government	Local gov't & semi-gov't entities	
1970	11,391.0	1,559.0	900.0	313.0	346.0
1971	12,574.9	1,564.7	974.2	306.7	283.8
1972	14,703.4	1,340.3	828.9	311.0	200.4
1973	20,590.7	2,175.8	1,530.7	367.4	277.7
1974	30,552.2	2,225.9	1,379.9	431.4	414.6
1975	37,745.9	2,438.8	1,251.8	740.0	447.0
1976	44,404.2	3,314.0	1,919.0	711.0	684.0
1977	52,533.3	4,241.0	2,563.0	571.0	1,107.0
1978	65,439.9	4,462.0	2,411.0	818.0	1,233.0
1979	82,292.3	5,441.8	3,192.4	923.4	1,326.0
1980	95,842.1	7,155.7	4,051.1	1,341.4	1,763.2
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	125,573.7	25,725.2	16,899.6	1,631.5	7,194.1
1987	141,308.4	27,654.3	19,217.9	1,110.1	7,326.3
1988					
January	141,036.9	28,557.0	20,809.1	870.6	6,877.3
February	146,480.4	34,248.3	26,615.2	982.8	6,650.3
March	155,034.8	38,164.6	30,470.9	1,034.5	6,659.2
April	159,579.3	39,272.0	31,383.7	1,072.9	6,815.4
May	160,706.3	39,580.9	31,762.1	1,085.0	6,733.8
June	164,663.8	44,469.9	36,700.3	1,060.8	6,708.8
July	160,054.6	39,048.9	31,276.2	1,083.1	6,689.6
August	161,673.8	39,198.3	31,372.1	1,060.0	6,766.2
September	169,851.9	41,974.1	34,261.2	946.1	6,766.8
October	168,209.8	38,076.1	30,630.0	926.3	6,519.8
November	172,062.3	37,236.8	29,799.9	885.9	6,551.0
December	174,281.0	39,010.0	31,072.6	1,274.5	6,662.9

Source: Central Bank of the Philippines.

DEPOSIT MONEY BANKS: 1970 TO 1988

(pesos)

Total	Loans and advances			Credits to Central Bank
	National Government	Local gov't and semi- gov't entities	Private busi- nesses and individuals	
9,785.0	161.0	959.0	8,665.0	47.0
10,716.9	19.0	819.2	9,878.7	293.3
12,916.1	110.0	858.1	11,948.0	447.0
16,615.0	43.0	480.5	16,091.5	1,799.9
26,078.0	166.0	1,092.0	24,820.0	2,248.3
31,796.5	228.0	3,501.2	28,067.3	3,510.6
37,170.2	33.1	4,633.3	32,503.8	3,920.0
43,058.3	727.7	4,707.7	37,622.9	5,234.0
54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
69,740.7	1,557.2	5,354.0	62,829.5	7,109.8
82,516.6	1,271.3	5,869.2	75,376.1	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
95,038.9	1,961.4	12,108.7	80,968.8	4,809.6
113,291.1	1,816.0	10,021.5	101,453.6	363.0
135,083.7	3,894.8	9,951.2	121,237.7	187.3
112,101.5	1,801.7	10,078.6	100,221.1	378.4
111,890.0	1,777.3	10,284.1	99,828.6	342.1
116,536.3	1,792.5	10,441.4	104,302.4	333.9
119,960.3	1,785.2	10,529.4	107,645.7	347.0
120,772.2	2,194.6	10,598.6	107,979.0	353.2
119,851.9	2,238.9	10,226.7	107,386.3	342.0
120,691.0	3,352.4	10,222.5	107,116.1	314.7
122,184.4	3,346.8	10,033.5	108,804.1	291.1
127,590.3	3,382.0	10,222.5	113,985.8	287.5
129,900.5	3,451.6	9,753.6	116,695.3	233.2
134,520.2	3,574.3	6,430.2	124,515.7	305.3
135,083.7	3,894.8	9,951.2	121,237.7	187.3

**Table 16.5 – TOTAL LOANS AND INVESTMENTS OUTSTANDING
BY INSTITUTION: 1955 TO 1988**
(In million pesos)

Period	Total	Commercial banks	Rural banks	Development banks	Savings banks ¹
1955	1,753.6	1,217.8	6.6	508.9	20.3
1960	2,536.7	1,849.8	63.5	566.5	56.9
1965	7,212.4	5,547.7	234.6	1,288.9	141.2
1970	14,880.5	10,968.0	547.7	2,935.3	429.5
1975	49,717.6	38,788.8	2,416.4	7,331.6	1,180.8
1976	59,752.6	44,892.4	2,666.0	10,451.8	1,742.4
1977	72,077.3	53,726.8	2,897.7	13,082.6	2,370.2
1978	91,378.5	69,596.0	3,519.9	14,966.2	3,296.4
1979	113,958.6	86,936.6	4,286.9	18,505.7	4,229.4
1980	135,802.4	102,064.2	4,820.7	23,459.9	5,457.6
1981	162,652.9	117,789.8	5,658.9	33,929.6	5,274.6
1982	188,704.9	136,507.8	6,923.1	40,683.8	4,590.2
1983	236,238.0	171,558.5	7,974.0	51,013.9	5,691.6
1984	247,293.2	180,667.5	7,384.0	53,731.5	5,510.2
1985	215,453.3	162,171.6	7,072.5	41,412.7	4,796.5
1986	189,052.4	163,377.2	7,266.4	12,485.0	5,923.8
1987 ²	143,914.0	113,472.7	7,693.7	14,611.8	8,135.8
1988					
January	144,785.3	117,417.7	7,787.0	13,606.1	5,974.5
February	137,300.9	111,931.4	7,787.0	15,046.4	6,536.1
March	140,279.5	111,402.4	7,787.0	14,913.8	6,176.3
April	143,074.5	113,417.9	8,045.8	14,797.3	6,813.5
May	147,614.7	117,044.7	8,045.8	14,763.7	7,760.5
June	144,974.0	115,263.7	8,045.8	14,116.8	7,548.2
July	144,856.6	114,659.5	8,280.2	14,362.3	7,554.6
August	150,913.2	120,071.3	8,280.2	14,150.1	8,411.6
September	153,586.2	123,264.0	8,280.2	13,738.3	8,303.7
October	153,141.3	122,044.2	8,428.4	14,355.1	8,313.6
November	161,978.4	129,633.0	8,428.4	14,638.2	9,278.8
December	163,296.2	130,405.8	8,428.4	15,757.4	8,704.6

1 Banco Filipino not included (closed) starting 1985; PAIC Bank not included(closed) starting 1985.

2 After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

Table 16.6 – TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION:
1955 TO 1988
(In million pesos)

Period	Total	Commercial banks	Rural banks	Development banks	Savings banks ¹
1955	282.2	226.9	0.1	52.7	2.5
1960	189.1	131.4	3.9	49.4	4.4
1965	816.5	625.1	10.0	161.6	19.8
1970	2,249.8	1,762.2	12.9	352.0	122.7
1975	8,034.7	6,178.9	68.6	1,506.1	281.1
1976	9,836.1	7,211.0	75.7	2,131.0	418.4
1977	12,679.0	9,466.0	76.8	2,720.9	415.3
1978	15,567.5	11,335.0	97.1	3,478.3	657.1
1979	17,969.8	12,554.0	113.9	4,637.0	664.9
1980	20,484.9	13,314.4	130.0	6,053.0	987.5
1981	25,353.4	15,386.4	170.8	8,976.9	819.3
1982	30,519.4	18,689.1	253.1	10,700.9	876.3
1983	34,616.7	21,443.5	326.0	11,919.8	927.4
1984	42,665.1	29,678.4	361.5	12,140.1	485.1
1985	39,679.5	27,667.6	436.2	10,409.5	1,166.2
1986	35,778.9	31,015.0	475.9	2,865.0	1,423.0
1987 ²	36,570.0	29,298.4	466.7	5,570.4	1,234.5
1988					
January	37,594.7	30,342.9	448.9	5,681.3	1,121.6
February	44,392.5	36,130.7	448.9	6,174.5	1,638.4
March	49,290.8	40,079.4	448.9	6,589.6	2,172.9
April	49,406.3	41,150.3	443.6	6,380.8	1,431.6
May	48,944.9	41,450.0	443.6	6,269.4	781.9
June	54,129.6	46,310.0	443.6	5,885.3	1,490.7
July	48,210.3	40,853.9	446.9	5,738.1	1,171.4
August	47,847.4	41,001.0	446.9	5,583.8	815.7
September	50,226.6	43,617.8	446.9	4,843.1	1,318.8
October	46,294.8	39,557.3	458.2	5,351.7	927.6
November	45,171.8	38,868.0	458.2	4,744.7	1,100.9
December	50,093.8	41,666.4	458.2	5,788.8	2,180.4

¹ Beginning 1959, includes private development banks.

² After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

Table 16.7 - TOTAL AGRICULTURAL CREDITS GRANTED BY
(In thousand)

	Total	Palay or rice	Sugar	Corn	Coconut	Tobacco	Coffee and cocoa
1965	53,667	15,506	7,420	843	10,962	285	441
1970	60,436	19,814	9,395	1,180	12,764	460	155
1975	618,105	239,944	30,387	17,993	47,330	764	1,455
1976	676,549	277,741	33,589	23,013	47,668	539	2,024
1977	572,972	223,868	17,868	36,446	57,314	373	2,318
1978	520,513	133,370	12,062	52,140	62,782	203	5,873
1979	730,949	94,291	8,559	22,364	61,789	399	6,769
1980	696,557	96,747	9,964	14,846	61,681	341	21,545
1981	226,067	70,924	12,937	1,127	21,008	243	4,019
1982	819,300	200,849	27,000	9,491	69,063	1,053	11,520
1983	373,949	96,059	20,571	4,097	21,915	547	8,762
1984	330,169	41,605	22,779	53	6,304	97	2,785
1985	308,516	48,486	49,364	898	10,847	337	7,914
1986	760,187	184,843	98,574	3,589	23,775	173	8,209
1987	886,239	242,782	99,603	15,968	44,221	971	18,590
1988	1,390,043	295,162	148,156	3,935	12,149	137	22,243
<i>January</i>	44,350	11,713	345	479	680	0	1,463
<i>February</i>	124,971	14,452	47,217	1,081	784	18	1,050
<i>March</i>	350,268	9,605	355	810	886	0	178
<i>April</i>	105,198	33,183	895	80	617	0	2,141
<i>May</i>	82,959	36,422	15,260	20	1,146	0	106
<i>June</i>	112,909	38,097	7,906	675	1,140	20	144
<i>July</i>	107,529	25,432	39,169	16	904	0	75
<i>August</i>	106,859	20,148	6,714	210	1,635	0	290
<i>September</i>	93,755	22,379	1,433	72	786	18	1,861
<i>October</i>	70,407	24,919	2,647	296	958	35	6,062
<i>November</i>	69,672	20,794	5,037	164	1,670	21	2,760
<i>December</i>	121,166	38,018	21,178	32	943	25	6,113

DEVELOPMENT BANKS,¹ CLASSIFIED BY PRODUCTS: 1965 TO 1988

pesos)

Cassava & other root crops	Abaca	Ramie	Other fibers	Citrus	Pine- apple	Other fruits and vegetables	Salt farming	Livestock and poultry
13	924	12	23	592	5	1,016	268	11,583
53	63	0	0	132	120	920	368	12,615
74	7,554	210	6	3,331	0	8,181	212	234,973
10	11,614	43	264	2,217	0	15,985	184	222,271
91	7,404	7	171	1,744	504	7,742	73	155,490
479	2,663	5	320	1,669	42,864	5,043	457	129,963
127,003	1,799	5	1,163	2,275	1,109	8,155	514	184,251
10,319	1,703	96	924	2,046	181	6,872	1,194	290,616
356	0	30	0	483	0	1,634	778	75,955
2,930	1,406	50	1,848	986	520	7,824	3,351	227,577
784	433	135	3,789	1,002	664	1,957	5,280	137,569
1,007	0	0	500	326	0	8,853	348	73,567
663	589	10	11	414	137	9,670	2,513	103,967
2,355	835	2,100	9	1,834	7,500	5,619	1,103	160,230
412	241	759	82	1,002	0	5,553	1,459	304,653
2,657	162	511	50	1,046	0	9,437	3,053	342,549
51	42	0	0	72	0	50	591	19,050
51	42	0	0	310	0	275	6	39,680
43	36	429	50	149	0	814	405	13,260
1,997	30	0	0	0	0	104	1,511	30,956
33	0	52	0	0	0	6	0	12,849
72	0	15	0	250	0	19	0	24,174
33	0	0	0	5	0	141	0	28,407
62	0	0	0	125	0	481	500	70,538
34	12	0	0	0	0	3,447	0	25,644
65	0	0	0	0	0	1,090	0	22,482
63	0	0	0	105	0	2,202	0	31,264
153	0	15	0	30	0	808	40	24,245

Table 16.7 – TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1988 (continued)
(In thousand pesos)

Period	Hunting strapping & game propagation	Fertilizer seedlings	Farm implements	Rubber plantation	Tree (farming for the production of paper)	Sorghum (for chicken and poultry feed)	Grapes	Grains processing & storage	Others ²
1965	0	635	2,13,	107	0	0	0	0	895
1970	11	894	516	471	0	0	0	0	505
1975	181	2,671	3,016	2,747	4,619	187	2,615	0	9,655
1976	72	3,740	11,112	9,684	399	42	50	0	14,288
1977	8	2,014	4,237	7,964	3,227	749	45	34,774	8,541
1978	10	2,743	3,796	16,269	3,356	1,338	15	35,578	7,515
1979	102	2,295	2,887	12,603	3,845	1,070	120	27,370	160,212
1980	407	4,448	5,651	30,868	29,693	326	0	68,449	37,640
1981	0	7,972	7,117	0	0	0	0	0	21,484
1982	563	11,056	5,363	6,084	4,457	0	0	12,111	214,198
1983	0	8,433	4,959	3,244	0	15	42	0	53,692
1984	10	13,955	2,889	9,555	13	0	0	0	145,523
1985	0	4,197	5,123	107	182	0	0	1,098	61,989
1986	1,425	30,193	12,441	1,914	0	0	0	8,086	205,380
1987	497	28,773	13,556	14,852	100	0	0	1,722	90,443
1988	0	5,364	12,452	2,358	4,106	0	0	2,274	522,242
January	0	22	300	0	0	0	0	100	9,392
February	0	1,154	362	2,017	0	0	0	0	16,472
March	0	456	615	181	0	0	0	1,454	320,542
April	0	13	1,544	0	2,036	0	0	600	29,491
May	0	204	1,391	0	644	0	0	120	14,706
June	0	2,154	603	0	1,426	0	0	0	36,214
July	0	69	632	60	0	0	0	0	12,586
August	0	236	324	75	0	0	0	0	5,521
September	0	258	989	0	0	0	0	0	36,822
October	0	272	306	0	0	0	0	0	11,275
November	0	346	324	0	0	0	0	0	4,922
December	0	180	5,062	25	0	0	0	0	24,299

1 This consists of the Development Bank of the Philippines and Private Banks before adjustments (reduction and/or cancellation of the loan approval).

2 Includes mango, soybeans, banana and cotton.

Source: Central Bank of the Philippines.

Figure 16.2 Domestic Liquidity, 1980 - 1988

In billion pesos

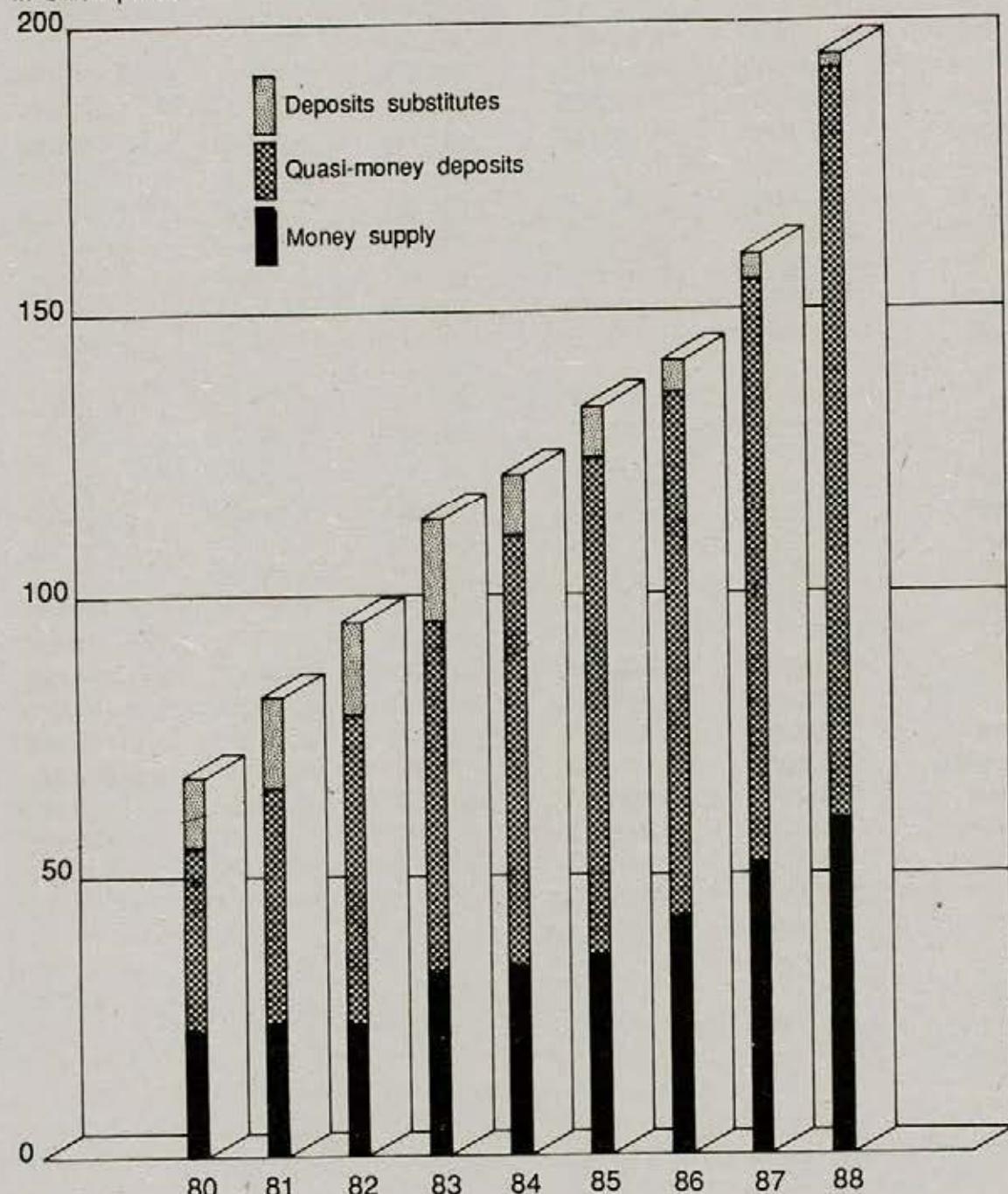


Table 16.8 - NUMBER OF DEPOSIT

Period	Grand Total	Commercial banks			Time
		Total	Demand	Savings	
1975	12,400,990	7,067,039	409,338	6,568,582	89,119
1976	14,370,284	7,904,932	454,779	7,300,625	149,528
1977	15,916,418	8,443,217	489,834	7,738,014	215,369
1978	18,244,146	9,031,697	523,094	8,214,089	294,514
1979	20,225,335	9,751,891	551,785	8,807,895	392,211
1980	21,047,133	10,130,096	584,570	8,908,984	636,542
1981	22,654,497	13,331,037	616,017	11,331,076	1,383,944
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222
1983	25,589,530	15,225,027	658,041	11,244,354	3,322,632
1984	23,745,648	13,971,704	644,173	10,937,280	2,390,251
1985	20,244,864	12,616,016	636,860	11,048,769	930,387
1986	19,465,502	12,371,867	644,676	10,917,161	810,030
1987	19,591,252	12,861,071	695,929	11,388,220	776,922
1988					
<i>January</i>	17,617,577	10,855,512	644,644	9,450,995	759,873
<i>February</i>	17,482,235	10,767,486	647,890	9,372,676	746,920
<i>March</i>	17,263,745	10,621,776	633,122	9,222,893	765,761
<i>April</i>	17,184,678	10,538,949	630,369	9,115,707	792,873
<i>May</i>	17,496,816	10,858,513	628,295	9,421,012	809,206
<i>June</i>	17,095,857	10,492,485	629,787	8,994,969	867,729
<i>July</i>	17,510,931	10,967,834	632,375	8,889,838	1,445,621
<i>August</i>	17,078,436	10,542,568	632,038	9,064,878	845,652
<i>September</i>	16,635,291	10,103,262	622,240	8,579,395	901,627
<i>October</i>	19,819,760	13,345,082	694,807	11,689,954	960,321
<i>November</i>	19,532,433	13,025,593	672,709	11,414,300	938,584
<i>December</i>	19,547,524	13,066,476	678,811	11,361,043	1,026,622

ACCOUNTS IN BANKS: 1975 TO 1988

Savings Banks				Private Developments Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
2,889,949	0	2,858,891	31,058	459,041	0	451,302	7,739
3,438,880	0	3,374,289	64,591	541,730	0	530,517	11,213
4,186,153	0	4,069,997	116,156	627,479	0	610,456	17,023
5,170,963	6	4,936,358	234,599	697,428	0	669,742	27,686
5,893,166	6,323	5,555,997	330,846	782,016	0	738,049	43,967
6,405,457	13,488	5,961,839	430,130	834,452	451	760,645	73,356
4,198,241	10,525	3,866,935	320,781	919,162	1,678	824,585	92,899
4,456,376	14,508	4,087,721	354,147	1,031,915	3,511	857,634	170,770
4,650,985	20,898	4,251,344	378,743	1,143,999	5,725	945,133	193,141
3,978,748	19,537	3,827,071	132,140	1,048,020	6,375	915,191	126,454
2,125,610	26,925	2,010,203	88,482	949,631	8,857	890,703	50,071
1,856,954	31,341	1,767,978	57,635	855,163	11,245	748,189	95,729
1,670,274	40,319	1,577,602	52,353	747,396	11,954	700,210	35,232
1,673,719	53,078	1,567,796	52,845	800,904	9,100	694,514	97,290
1,653,011	41,147	1,559,222	52,642	778,590	9,212	733,867	35,511
1,634,322	41,805	1,539,848	52,669	723,642	9,457	683,108	31,077
1,655,449	41,992	1,561,271	52,186	765,371	9,688	707,186	48,497
1,644,275	42,355	1,549,549	52,371	773,131	31,267	683,589	58,275
1,647,155	42,887	1,548,665	55,603	737,916	9,317	667,951	60,648
1,628,703	43,520	1,530,905	54,278	724,642	8,756	668,574	47,312
1,614,057	44,407	1,514,062	55,588	742,040	9,632	667,697	64,711
1,606,506	44,835	1,504,026	57,645	739,267	9,762	670,312	59,193
1,598,717	45,722	1,494,703	58,292	673,749	9,798	632,276	31,675
1,596,579	46,360	1,491,252	58,967	714,963	9,886	655,259	49,818
1,572,191	46,924	1,464,327	60,940	708,748	9,968	660,254	38,526

**Table 16.8 – NUMBER OF DEPOSIT ACCOUNTS IN BANKS, 1975 TO 1988
(Continued)**

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	72,621	1,356	68,891	2,374	2,586,948	3,946	2,544,000	39,002
1978	89,152	1,753	84,577	2,822	3,254,906	5,451	3,181,564	67,891
1979	104,066	4,336	96,130	3,600	3,694,196	9,053	3,580,648	104,495
1980	122,446	3,527	112,434	6,485	3,554,682	8,887	3,445,553	100,242
1981	137,855	4,252	129,065	4,538	4,068,202	7,189	3,942,409	118,604
1982	160,599	5,330	148,668	6,601	4,127,242	5,235	3,974,468	147,539
1983	182,546	5,985	168,370	8,191	4,386,973	4,260	4,215,982	166,731
1984	198,396	6,118	183,984	8,294	4,548,780	4,333	4,384,976	159,471
1985	205,255	6,449	192,158	6,648	4,348,352	4,497	4,241,448	102,407
1986	210,994 ^a	6,588	199,581	4,825	4,170,524	5,678	4,075,190	89,656
1987	230,978	7,748	217,937	5,293	4,081,533	3,088	3,994,251	84,194
1988								
January	234,521	7,836	221,597	5,088	4,052,921	5,971	3,962,404	84,546
February	230,227	7,892	217,166	5,169	4,052,921	5,971	3,962,404	84,546
March	231,084	8,379	217,537	5,168	4,052,921	5,971	3,962,404	84,546
April	229,725	8,217	216,415	5,093	3,995,184	5,009	3,906,591	83,584
May	225,713	8,262	212,615	4,836	3,995,184	5,009	3,906,591	83,584
June	223,117	8,326	209,874	4,917	3,995,184	5,009	3,906,591	83,584
July	221,490	8,283	207,983	5,224	3,968,262	5,512	3,878,375	84,375
August	211,509	8,621	197,338	5,550	3,968,262	5,512	3,878,375	84,375
September	217,994	8,753	203,441	5,800	3,968,262	5,512	3,878,375	84,375
October	216,832	8,734	202,404	5,694	3,985,380	8,863	3,892,226	84,291
November	209,918	8,866	195,648	5,404	3,985,380	8,863	3,892,226	84,291
December	214,729	9,188	200,001	5,540	3,985,380	8,863	3,892,226	84,291

Note: Data includes DBP starting August 1986.

a After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

Figure 16.3 Total Loans and Investments Outstanding, 1980 - 1988

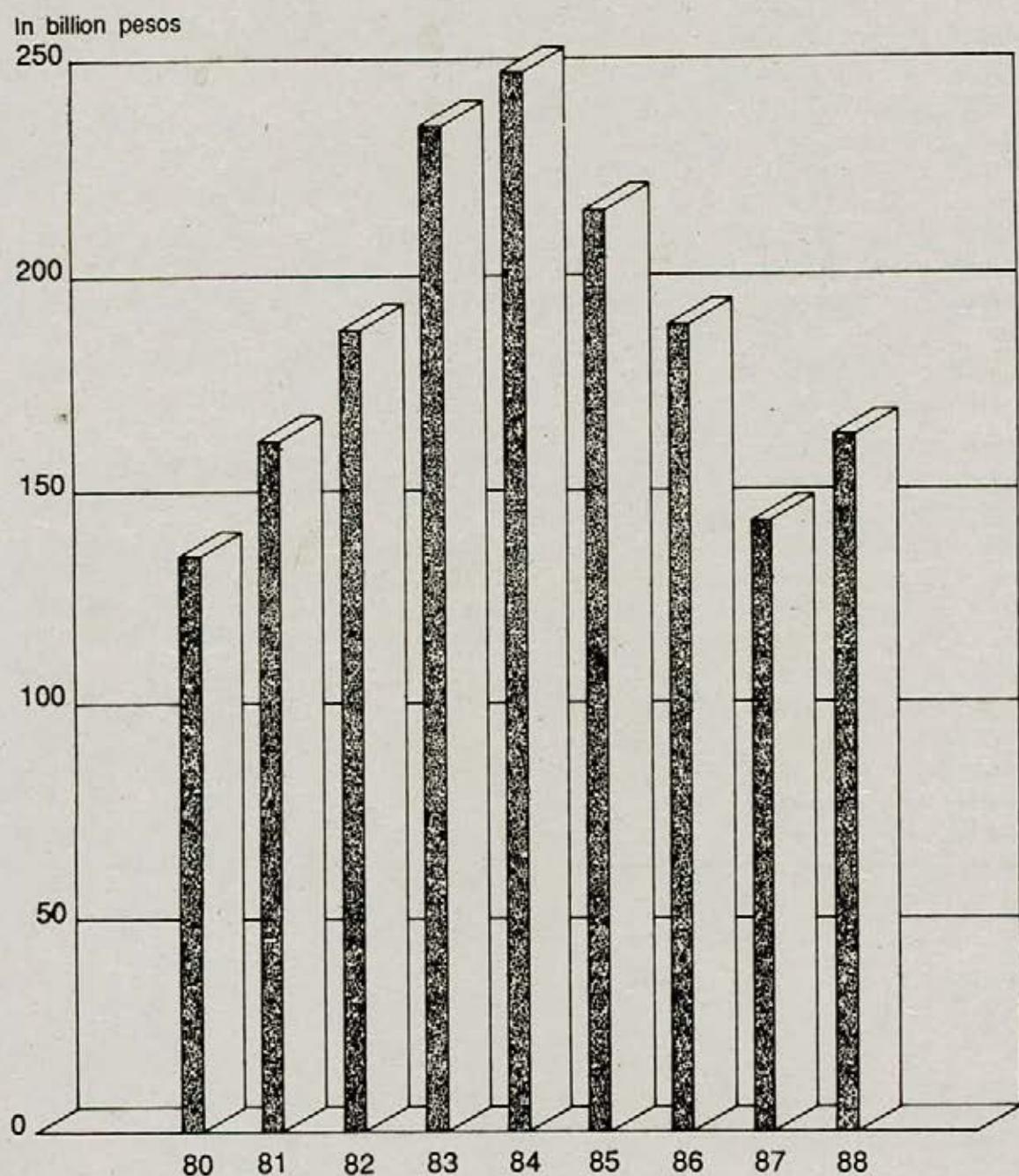


Table 16.9 - TOTAL DEPOSIT LIABILITIES

End of Period	Grand Total	Commercial banks			Time
		Total	Demand	Savings	
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	152,243.8	134,552.0	15,272.0	47,211.6	72,068.4
1985	167,353.4	143,017.7	14,753.3	56,267.5	71,996.9
1986	166,277.7	138,026.2	19,650.6	70,881.2	47,494.4
1987	179,235.3	151,794.5	21,978.5	82,155.2	47,660.8
1988					
January	184,129.4	156,611.5	25,177.1	81,860.5	49,573.9
February	190,602.6	162,686.9	25,827.2	85,577.0	51,282.7
March	192,087.6	164,335.0	25,928.1	85,441.9	52,965.0
April	192,266.4	164,430.8	26,122.7	85,664.9	52,643.2
May	198,933.8	170,690.2	29,196.6	86,796.1	54,697.5
June	205,297.4	176,054.9	28,586.5	90,357.4	57,111.0
July	196,431.4	168,497.8	23,519.9	87,536.3	57,441.6
August	203,389.2	173,705.8	26,743.2	88,043.5	58,919.1
September	212,099.0	181,352.8	23,338.0	96,876.7	61,138.1
October	208,084.7	178,030.9	22,751.8	93,743.1	61,536.0
November	216,437.8	185,127.9	23,437.8	99,411.2	62,278.9
December	225,662.4	192,125.4	22,937.5	106,905.1	62,282.8

OF BANKS: 1975 TO 1988

Savings Banks				Private Development Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,183.9	0.0	1,020.0	163.9	196.1	0.0	149.0	47.1
1,760.6	0.0	1,371.3	389.3	258.4	0.0	173.9	84.5
2,458.1	0.0	1,800.2	657.9	332.9	0.0	207.3	125.6
3,478.9	0.2	2,366.5	1,112.2	424.2	0.0	259.1	165.1
4,830.6	32.4	3,131.7	1,666.5	576.5	0.7	344.0	231.8
5,985.5	162.3	3,738.3	2,084.9	779.4	1.9	429.9	347.6
4,565.2	112.8	2,577.8	1,874.6	1,191.5	11.2	660.2	520.1
5,101.0	89.3	2,791.6	2,220.1	2,025.5	105.4	922.8	997.3
5,957.8	124.3	3,168.6	2,664.9	2,464.7	85.6	1,059.6	1,319.5
3,138.9	67.2	1,771.2	1,300.5	2,185.3	134.0	939.5	1,111.8
5,734.8	98.3	3,137.3	2,499.2	2,765.4	130.1	1,249.8	1,385.5
7,021.9	166.8	4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9
9,170.7	218.2	6,617.6	2,334.9	3,596.8	177.7	1,918.6	1,500.5
8,966.2	219.1	6,081.2	2,665.9	3,303.1	70.7	1,864.0	1,368.4
9,135.0	243.6	6,705.8	2,185.6	3,453.3	68.3	1,967.2	1,417.8
9,098.8	235.2	6,471.5	2,392.1	3,475.3	77.8	1,976.6	1,420.9
9,082.1	229.0	6,547.1	2,306.0	3,531.7	81.2	2,019.9	1,430.6
9,349.9	217.1	6,692.1	2,440.7	3,598.3	83.0	2,002.9	1,512.4
9,935.5	231.6	7,233.7	2,470.2	3,679.9	83.9	2,016.6	1,579.4
9,381.9	223.5	6,752.6	2,405.8	3,661.4	77.8	1,974.9	1,608.7
9,663.7	243.5	6,914.5	2,505.7	3,663.2	78.4	1,961.6	1,623.2
10,532.1	239.9	7,632.3	2,659.9	3,833.7	97.8	2,086.3	1,649.6
10,114.9	242.7	7,129.4	2,742.8	3,892.8	94.5	2,094.8	1,703.5
10,445.7	296.5	7,293.3	2,855.9	4,112.5	109.3	2,157.0	1,846.2
12,196.1	266.4	8,898.8	3,030.9	4,469.9	221.4	2,331.2	1,917.3

Table 16.9 - TOTAL DEPOSIT LIABILITIES

End of Period	S S L A				Specialized	
	Total	Demand	Savings	Time	Total	Demand
1975	213.0	0.0	154.8	58.2	4,146.0	2.8
1976	357.2	0.0	239.3	117.9	4,305.1	18.5
1977	483.0	0.0	317.1	165.9	4,476.3	31.4
1978	677.6	0.0	444.4	233.2	5,121.1	58.2
1979	874.1	0.0	567.2	306.9	5,990.9	92.9
1980	1,097.4	0.0	698.0	399.4	7,821.4	129.1
1981	1,466.3	0.0	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	2,627.3	31.0	1,517.2	1,079.1	11,519.7 ^a	184.6
1987	2,279.6	0.0	1,290.8	988.8	8,029.7	1,015.7
1988						
January	2,303.8	0.0	1,304.8	999.0	8,086.0	1,215.5
February	2,340.6	0.0	1,329.6	1,011.0	8,128.0	1,095.5
March	2,377.2	0.0	1,358.1	1,019.1	7,942.5	1,172.4
April	2,384.5	0.0	1,364.7	1,019.8	7,828.5	1,260.0
May	2,398.0	0.0	1,377.3	1,020.7	7,888.6	1,239.8
June	2,425.6	0.0	1,377.1	1,048.5	8,192.7	1,331.9
July	1,376.3	0.0	1,376.3	1,053.7	8,407.7	1,252.5
August	2,483.5	0.0	1,420.1	1,063.4	8,766.7	1,154.1
September	2,466.2	0.0	1,394.1	1,072.1	8,807.9	1,344.8
October	2,477.4	0.0	1,384.1	1,093.3	8,299.7	1,178.2
November	2,554.3	0.0	1,428.9	1,125.4	8,928.4	1,229.9
December	2,440.8	0.0	1,390.0	1,050.8	9,161.2	710.8

a Data includes DBP starting July 1986.

Source: Central Bank of the Philippines.

OF BANKS: 1975 TO 1988 (continued)

Government Banks		Rural Banks			
Savings	Time	Total	Demand	Savings	Time
3,131.9	1,011.3	1,085.3	20.8	656.0	408.5
2,605.1	1,681.5	1,157.3	18.6	722.4	416.3
2,616.2	1,828.7	1,306.8	19.8	786.3	500.7
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
3,682.2	7,652.9	3,767.1	20.5	2,407.2	1,339.4
2,583.7	4,430.3	4,364.0	23.0	2,865.0	1,476.0
2,493.7	4,376.8	4,858.8	22.8	3,268.9	1,567.1
2,688.6	4,343.9	4,858.8	22.8	3,268.9	1,567.1
2,396.7	4,373.4	4,858.8	22.8	3,268.9	1,567.1
2,172.3	4,396.2	5,008.8	33.5	3,373.4	1,601.9
2,229.1	4,419.7	5,008.8	33.5	3,373.4	1,601.9
2,399.7	4,461.1	5,008.8	33.5	3,373.4	1,601.9
2,678.9	4,476.3	5,106.3	29.0	3,415.1	1,662.2
3,128.2	4,484.4	5,106.3	29.0	3,415.1	1,662.2
3,092.0	4,371.1	5,106.3	29.0	3,415.1	1,662.2
3,179.2	3,942.3	5,269.0	31.3	3,519.1	1,718.6
4,088.2	3,610.3	5,269.0	31.3	3,519.1	1,718.6
5,036.9	3,413.5	5,269.0	31.3	3,519.1	1,718.6

**Table 16.10 – LOANS GRANTED BY DEVELOPMENT
(In million)**

Period	Total	Agriculture, fisheries & forestry	Mining and quarrying	Manufacturing
1965	134.6	62.2	0.3	36.5
1970	162.0	64.9	1.0	44.8
1971	116.6	61.5	0.4	16.7
1972	181.1	100.0	1.2	39.3
1973	326.3	160.2	0.7	88.4
1974	854.3	255.7	1.6	269.8
1975	2,822.5	822.4	32.5	491.8
1976	2,608.3	892.9	341.9	507.8
1977	2,951.3	624.6	735.3	825.2
1978	3,539.9	617.2	500.2	1,328.1
1979	4,860.8	830.3	46.8	3,098.1
1980	6,084.5	833.5	812.7	2,323.1
1981	6,679.6	1,099.6	1,290.1	2,349.9
1982	7,170.7	1,047.4	753.0	2,486.9
1983	8,227.7	431.2	1,138.4	1,941.8
1984	3,957.6	426.4	18.5	500.7
1985	3,095.8	414.4	41.9	587.7
1986	6,346.4	936.5	5.6	560.3
1987	7,704.1	1,144.8	13.7	804.5
1988	10,851.7	1,652.6	5.2	2,293.5
January	378.9	51.2	1.0	106.1
February	927.6	162.8	0.4	228.0
March	1,485.8	384.5	0.3	156.3
April	1,110.7	117.3	0.0	162.4
May	1,366.2	101.7	0.0	414.9
June	824.4	125.7	0.0	336.8
July	674.2	98.8	1.2	125.7
August	1,229.0	150.8	0.4	176.2
September	587.3	125.6	0.0	185.5
October	553.6	81.6	1.4	93.6
November	910.0	102.0	0.3	148.8
December	734.0	150.6	0.2	159.2

Source: Central Bank of the Philippines.

BANKS CLASSIFIED BY INDUSTRY: 1965 to 1988
(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	1,012.0	691.7	256.7	145.4
17.4	1,105.5	438.7	293.9	84.5
158.8	1,146.2	520.1	1,003.7	54.6
287.4	1,678.9	319.9	2,429.9	0.2
45.2	1,099.1	799.6	1,068.1	0.0
32.2	303.1	181.6	1,534.9	0.0
19.5	199.3	275.6	4,349.6	0.0
52.5	224.9	90.1	5,373.6	0.0
236.3	552.8	582.4	5,528.9	0.0
2.2	27.6	10.7	180.1	0.0
7.0	37.1	7.4	484.9	0.0
18.7	30.5	88.3	807.2	0.0
118.9	36.2	16.9	659.0	0.0
6.8	27.6	9.8	805.4	0.0
21.3	113.2	10.4	217.0	0.0
22.6	40.6	70.1	315.2	0.0
2.2	39.0	118.4	812.5	0.0
7.8	33.3	43.9	191.2	0.0
7.3	75.3	23.7	270.2	0.0
3.5	35.2	144.7	475.5	0.0
18.0	57.2	38.1	310.7	0.0

**Table 16.11 – TOTAL ASSETS AND TOTAL
(In million)**

End of Period	Central Bank		Commercial banks	
	Total assets	Total liabilities	Total assets	Total liabilities
1955	966.4	932.5	1,412.9	1,393.4
1960	1,948.3	1,637.2	2,336.8	2,052.9
1965	3,096.6	2,866.9	6,731.0	5,902.7
1970	6,003.2	5,731.5	14,066.1	12,595.4
1975	25,974.2	25,632.8	53,165.0	47,993.0
1976	28,972.2	28,598.2	58,730.9	53,159.0
1977	28,982.8	28,563.3	68,679.0	61,708.0
1978	38,358.0	37,946.7	87,483.0	79,451.0
1979	50,970.2	50,287.9	110,406.0	101,312.0
1980	65,447.3	64,943.4	138,417.1	127,709.3
1981	71,571.2	71,042.1	164,614.6	150,565.4
1982	91,691.8	91,169.1	190,979.4	174,248.1
1983	130,371.7	129,817.9	247,928.2	227,956.2
1984	206,026.5	205,434.5	289,150.9	264,492.5
1985	251,611.9	250,970.6	283,347.1	261,770.3
1986	294,810.1	294,149.3	293,418.9	271,013.0
1987	325,185.0	324,473.0	274,562.2	242,516.4
1988				
January	322,088.6	321,372.6	279,831.9	247,438.1
February	321,017.4	320,297.2	285,000.3	251,803.2
March	326,446.5	325,722.8	289,439.1	255,949.6
April	328,068.7	327,340.3	289,682.6	256,036.5
May	324,810.9	324,073.7	297,542.7	263,509.8
June	325,894.7	325,150.0	299,495.0	265,047.3
July	324,773.4	324,022.4	295,125.8	259,930.4
August	327,240.7	326,492.6	301,039.8	265,505.1
September	330,719.6	329,960.6	312,831.6	276,766.8
October	333,583.1	332,816.8	312,302.8	274,918.9
November	340,081.5	339,307.9	322,190.2	284,662.0
December	349,932.7	349,150.1	328,874.5	290,544.2

Source: Central Bank of the Philippines

LIABILITIES, BY INSTITUTION: 1955 TO 1988

(*pesos*)

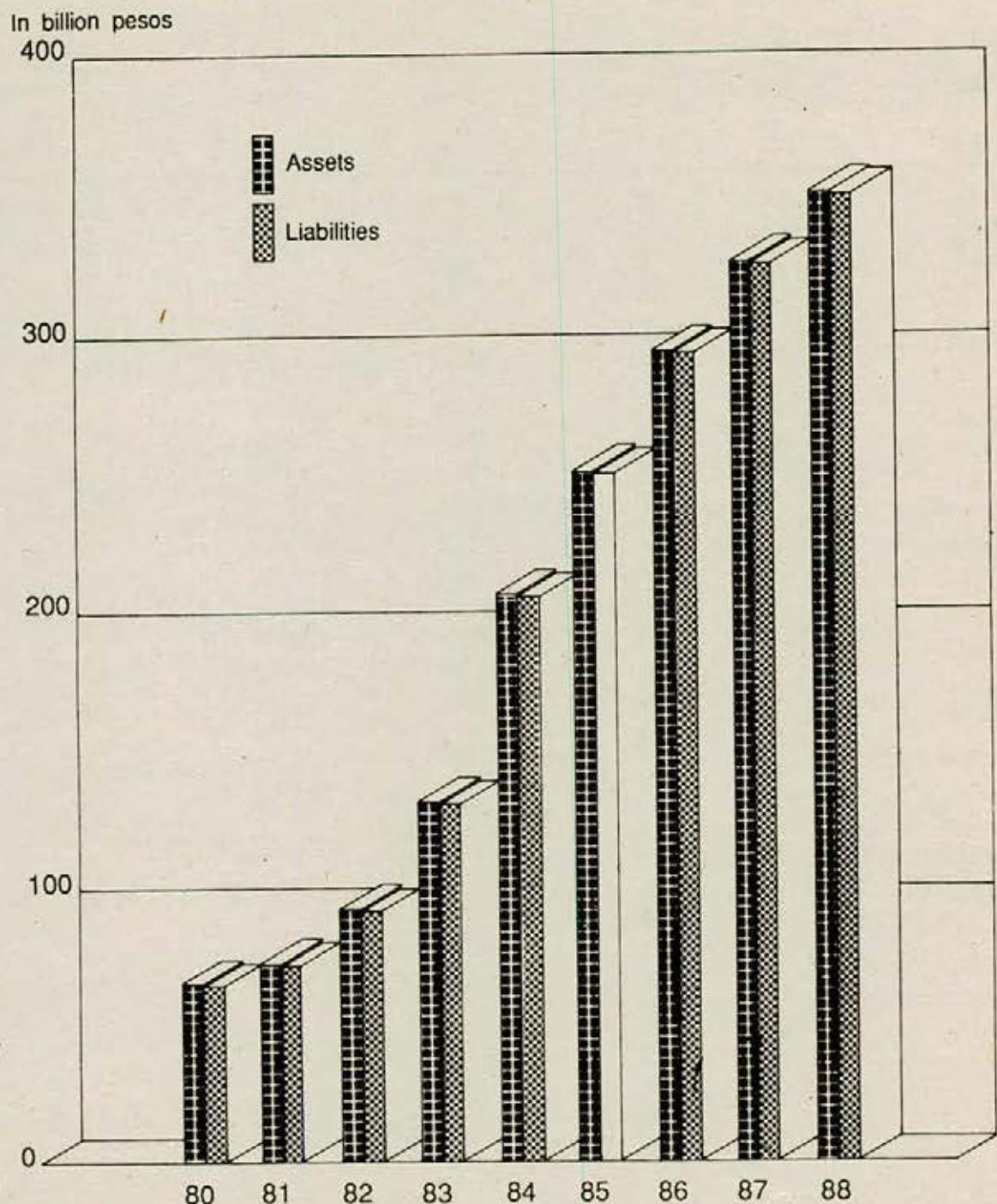
Savings banks		Rural banks		Development banks	
Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities
25.2	22.5	7.9	2.0	560.9	221.1
71.6	61.6	76.2	39.6	624.5	319.1
201.4	173.3	279.0	157.4	1,346.2	954.5
724.4	648.6	663.7	428.7	3,219.0	2,516.8
1,421.9	1,274.7	2,773.3	2,323.3	9,967.1	7,574.4
2,043.1	1,860.3	3,053.2	2,519.0	13,175.7	10,253.2
2,810.4	2,590.8	3,382.6	2,779.4	16,299.6	12,911.7
3,896.8	3,621.2	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
8,124.4	7,540.9	9,350.5	7,651.6	75,037.4	68,944.6
10,534.1	9,722.2	9,960.8	8,101.1	18,498.8	12,077.5
10,432.9	9,607.8	10,239.9	8,350.1	5,367.2	4,501.5
10,591.6	9,755.1	10,239.9	8,350.1	5,447.7	4,569.6
10,617.4	9,766.8	10,239.9	8,350.1	5,579.8	4,702.7
10,723.2	9,858.4	10,480.3	8,515.1	5,710.9	4,841.9
10,924.9	10,040.1	10,480.3	8,515.1	5,903.4	5,025.7
11,551.1	10,644.3	10,480.3	8,515.1	5,616.7	4,742.3
11,131.0	10,208.1	10,716.8	8,689.4	5,745.1	4,836.3
11,410.8	10,473.2	10,716.8	8,689.4	5,707.4	4,798.7
12,317.5	11,351.9	10,716.8	8,689.4	5,733.1	4,819.9
12,022.4	11,024.1	11,018.2	8,980.2	5,811.6	4,897.8
12,449.6	11,438.3	11,018.2	8,980.2	6,373.2	5,432.5
14,165.4	13,163.8	11,018.2	8,980.2	6,698.2	5,702.3

**Table 16.12 – TOTAL RESOURCES AND LOANS GRANTED BY THE
PHILIPPINE NATIONAL BANK : 1950 to 1988**
(In million pesos)

Year	Total resources	Loans granted				Total
		Agricultural	Industrial	Commercial	Others	
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	18,337	11,931	34,116
1985	76,157	1,141	1,208	12,614	5,233	20,196
1986	26,913	554	4,741	5,875	13,448	24,618
1987	31,268	702	850	5,704	4,885	12,141
1988	38,758	2,421	2,509	12,524	9,160	26,614

Source: Philippine National Bank.

Figure 16.4 Total Assets and Total Liabilities, 1980 - 1988



**Table 16.13 – STATEMENT OF LOANS AND EQUITIES APPROVED AND
FY 1955–56**
(Amount in million pesos;

Year	Total	Agricultural loans	Industrial loans	Real Estate loans	Government loans
1955-56	81.4	26.6	19.9	27.1	5.7
1960-61	219.8	42.4	155.6	6.5	5.2
1965-66	115.3	42.1	42.1	7.5	8.8
1970-71	51.9	24.2	8.9	9.0	1.6
1974-75	2,642.7	550.5	750.0	1,057.4	34.2
1975-76	2,561.5	840.9	1,080.4	448.0	57.1
1976	2,577.5	773.8	1,000.8	549.0	48.5
1977	3,068.9	536.1	1,847.8	268.9	79.6
1978	3,443.5	508.5	1,907.7	493.6	72.1
1979	5,874.7	701.4	3,053.0	499.2	130.2
1980	6,631.9	648.3	3,564.4	1,050.7	41.8
1981	9,537.4	793.4	4,701.0	1,018.4	92.3
1982	7,791.2	626.3	3,000.4	1,001.8	93.0
1983	5,602.8	109.4	2,939.5	1,069.7 ^a	59.1
1984	9,332.8	94.8	934.8	758.2 ^a	0.0
1985	169.3	62.1	23.6	77.4	0.0
1986	631.7	168.3	394.8	65.3	0.0
1987	222.0	141.4	9.3	68.7	0.0
1988	2,779.8	462.5	1,577.6	215.3	0.0

^a Includes foreign currency loan.

Source: Development Bank of the Philippines.

**TOTAL RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES:
TO CY 1988
*annual increase in percent)***

Educational assistance loans	Subscriptions to capital stocks/rural banks	Advances and subscriptions to capital stock private development banks	Financial rehabilitation loans	Equities and other investment	Bank resources
0.5	1.6	0.0	0.0	0.0	352.7
0.0	5.6	4.5	0.0	0.0	510.6
0.0	5.4	9.4	0.0	0.0	1,208.7
0.0	1.9	6.3	0.0	0.0	3,276.5
0.0	9.8	29.0	0.0	211.8	7,837.9
0.0	10.9	39.8	0.0	84.4	11,087.7
0.0	8.3	45.3	0.0	151.8	12,607.3
1.7	6.4	62.6	0.0	265.8	15,605.5
2.3	0.0	57.5	0.0	401.8	18,024.5
3.9	0.0	97.3	39.5	1,350.2	21,893.0
4.5	0.0	151.1	0.0	1,171.1	27,086.2
4.2	0.0	184.3	0.0	2,743.8	34,706.8
7.0	11.4	220.2	0.0	2,831.1	43,988.5
6.3	5.6	158.0	0.0	1,255.2	54,934.0
5.8	0.9	42.5	0.0	7,495.8	65,459.6
6.2	0.0	0.0	0.0	0.0	72,043.0
3.0	0.0	0.0	0.0	0.3	9,503.6
2.6	0.0	0.0	0.0	0.0	10,531.6
0.0	0.0	0.0	103.0	421.4	11,431.1

Table 16.14 - FINANCIAL CONDITION OF THE GOVERNMENT
 (In million)

Year	Total	Assets			
		Social Insurance fund 1	Optional Life Insurance fund 2	General Insurance fund 3	Medicare Insurance fund 4
1970-1971	2,905.0	2,851.0	0.0	54.0	0.0
1971-1972	3,390.8	3,327.8	0.0	63.0	0.0
1972-1973	3,614.7	3,482.8	0.0	79.6	52.3
1973-1974	4,008.2	3,848.0	0.0	106.3	53.9
1974-1975	4,425.6	4,212.2	0.0	151.1	50.8
1976	6,339.4	5,825.5	0.0	402.1	35.8
1977	6,751.4	6,073.5	0.0	520.4	24.6
1978	7,833.3	6,815.8	299.6	505.6	12.5
1979	8,137.0	7,080.0	351.4	403.6	49.4
1980	9,245.5	8,018.2	364.3	484.0	78.2
1981	10,943.8	9,688.7	411.5	563.1	21.3
1982	13,312.3	11,895.5	440.0	678.2	56.2
1983	14,610.0	13,090.8	446.6	685.4	100.8
1984	15,641.7	13,802.5	498.2	865.8	134.7
1985	16,752.9	14,382.3	598.0	1,014.0	303.0
1986	19,326.2	15,588.5	730.8	2,183.3	388.4
1987	22,537.5	17,717.0	873.0	3,061.0	462.0
1988	24,899.5	20,885.0	1,081.7	1,990.8	531.3

SERVICE INSURANCE SYSTEM: FY 1970-1971 TO CY 1988
(pesos)

Employees Compensation Insurance fund	Total	Reserves				Employees Compensation insurance fund 5
		Social insurance fund 1	Optional Life insurance fund 2	General insurance fund 3	Medicare insurance fund 4	
0.0	2,769.3	2,755.1	0.0	14.2	0.0	0.0
0.0	3,073.3	3,054.2	0.0	19.1	0.0	0.0
0.0	3,343.4	3,289.5	0.0	18.5	35.4	0.0
0.0	3,658.2	3,613.0	0.0	9.6	35.6	0.0
11.5	4,036.5	3,990.3	0.0	9.5	35.4	1.3
76.0	5,152.2	5,082.4	0.0	13.7	45.1	11.0
132.9	5,563.9	5,559.7	0.0	4.2	0.0	0.0
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
424.5	18,931.9	16,648.9	596.7	886.0	385.0	415.3
410.7	21,537.3	19,246.8	608.7	830.1	436.4	415.3

Table 16.14 – Financial Condition of the Government Service Insurance System FY 1970–1971 to CY 1988 (continued)
(in million pesos)

Year	Surplus					
	Total	Social insurance fund	Optional		Medicare insurance fund	Employees Compensation insurance fund
			Life insurance fund	General Insurance fund		
1970–1971	51.6	38.1	0.0	13.5	0.0	0.0
1971–1972	63.8	54.3	0.0	9.5	0.0	0.0
1972–1973	79.1	46.3	0.0	23.6	9.2	0.0
1973–1974	104.7	29.5	0.0	57.6	17.6	0.0
1974–1975	133.5	29.2	0.0	80.2	14.2	9.9
1976	472.7	240.8	0.0	177.6	(10.3)	64.6
1977	551.2	252.7	0.0	207.0	(21.6)	113.1
1978	439.2	271.1	10.7	31.8	(34.7)	160.3
1979	543.7	218.9	57.4	66.6	(12.5)	213.3
1980	672.1	250.1	74.0	121.0	(12.7)	239.7
1981	782.5	291.7	120.2	146.1	8.9	215.6
1982	992.2	327.4	163.9	163.8	70.9	266.2
1983	937.7	219.0	126.2	178.6	128.2	285.7
1984	672.3	218.9	99.5	177.6	79.5	96.8
1985	521.5	218.9	85.7	142.0	74.9	0.0
1986	(562.0)	(1,618.0)	224.8	534.6	195.1	101.5
1987	1,034.0	219.0	261.0	519.0	35.0	0.0
1988	1,415.0	219.0	455.1	729.2	56.3	(44.6)

1 Composed of Life and Retirement Insurance Fund prior to 1979.

2 Started operation 1978.

3 Refers to Property Insurance Fund prior to 1973.

4 Started operation 1973.

5 Started operation March 1975

Source: Government Service Insurance System.

**Table 16.15 – TREND OF INVESTMENTS OF THE GOVERNMENT
SERVICE INSURANCE SYSTEM: FY 1955-56 TO CY 1988**
(In million pesos)

Year	Total	Salary loans	Policy loans	Real Estate	Stocks, bonds and notes	Others ¹
1955-56	209.4	33.5	18.7	54.0	89.2	14.0
1960-61	505.6	89.3	36.9	202.7	138.5	38.2
1965-66	1,123.2	172.2	75.7	559.5	290.0	25.8
1970-71	2,005.3	393.3	177.9	1,076.6	334.0	23.5
1971-72	2,352.9	368.1	202.5	1,343.5	346.1	92.7
1972-73	2,567.7	346.2	229.3	1,517.1	338.0	137.1
1973-74	2,819.1	353.9	255.3	1,673.3	393.0	143.6
1974-75	2,935.5	390.1	280.8	1,745.5	430.6	88.5
1976	3,851.6	500.5	332.8	2,335.4	638.4	44.5
1977	4,324.8	546.9	365.6	2,477.7	890.3	44.3
1978	4,868.4	651.5	414.3	1,958.1	1,276.5	568.0
1979	5,564.5	802.1	477.8	1,916.2	1,714.4	654.0
1980	6,443.2	938.5	561.6	1,987.2	2,132.5	823.4
1981	7,859.2	1,202.7	632.7	1,844.6	2,935.2	1,244.0
1982	9,323.9	1,416.0	736.4	1,109.6	3,744.2	2,317.7
1983	9,903.4	1,516.6	820.6	996.8	3,525.0	3,044.4
1984	10,899.3	1,803.6	913.4	908.6	4,250.5	3,023.2
1985	11,857.7	1,945.3	1,027.3	820.1	4,839.9	3,225.1
1986	12,746.6	2,439.6	1,120.9	679.3	5,458.8	3,048.0
1987	14,797.8	3,218.8	1,184.2	777.5	5,992.0	3,625.2
1988	17,623.0	5,196.3	1,297.7	818.8	6,671.7	3,638.5

¹ Includes educational assistance loans, backpay certificates, Fly PAL Pay Later Plan and/or miscellaneous investments.

Source: Government Service Insurance System.

Table 16.16 – SOURCES AND APPLICATION OF FUNDS OF THE
(In Million

Year	S O U R C E S			Total funds available
	Cash balance, beginning	Insurance premiums	Repayments of Investments	
1970-71	(33.2)	386.5	522.0	302.4
1971-72	(0.8)	483.8	476.6	505.1
1972-73	(6.0)	520.8	433.3	379.2
1973-74	16.6	530.2	530.2	464.1
1974-75	(35.7)	632.2	818.1	386.8
1976 1	(88.8)	212.6	115.0	534.3
1977	(69.4)	915.3	685.7	332.2
1978	(38.6)	1,159.0	579.6	488.9
1979	(12.8)	1,425.9	1,129.1	471.0
1980	64.0	1,730.4	1,041.2	307.1
1981	148.1	2,224.1	1,633.5	382.7
1982	3.9	2,312.6	1,496.8	383.8
1983	8.6	2,494.6	2,244.7	530.5
1984	31.1	2,445.8	2,201.1	383.5
1985	46.1	2,841.6	2,184.6	513.9
1986	(2.1)	3,051.2	3,148.0	578.4
1987	176.0	4,093.0	5,684.3	518.0
1988	94.5	4,367.0	10,499.0	836.4

1 Period covered July 1 to December 31, 1976.

Note: Format revised to conform to source data's published format.

Account Receivables and Interest were included in 'Others'.

Source: Government Service Insurance System.

GOVERNMENT SERVICE INSURANCE SYSTEM: FY 1970-71 TO CY 1988
(pesos)

Claims & benefits payments	APPLICATION				Total funds applied	
	Disbursements					
	Investments	Operating expenses and other miscellaneous disbursements	Others			
224.1	602.7	195.4	156.4		1,178.6	
254.9	642.6	141.7	447.2		1,486.4	
398.9	672.1	74.3	165.6		1,310.9	
427.2	847.8	108.9	192.9		1,576.8	
411.3	866.6	142.8	427.3		1,848.0	
235.4	507.2	25.2	74.7		842.5	
467.5	974.1	99.7	361.1		1,902.4	
668.5	1,147.2	143.2	242.8		2,201.7	
726.9	1,595.1	328.3	298.9		2,949.2	
699.0	1,793.9	237.4	264.4		2,994.7	
794.0	2,709.6	241.9	639.0		4,384.5	
922.7	2,310.4	284.5	670.9		4,188.5	
1,025.4	2,479.6	332.4	1,410.0		5,247.4	
1,061.7	2,823.3	285.1	845.2		5,015.3	
1,470.4	2,726.5	491.2	900.2		5,588.3	
1,567.3	3,772.5	605.7	654.1		6,599.6	
1,817.4	7,317.3	453.5	788.7		10,376.9	
1,996.9	12,315.0	554.3	761.8		15,628.0	

**Table 16.17 - EXPENDITURES OF THE SOCIAL SECURITY SYSTEM
BY SOURCE: 1960 TO 1988**
(In million pesos)

Year	Total Expenditures	Total benefit payments ¹	Administration			
			Total	SSS	Medicare	Employees' compensation
1960	7.7	4.1	3.6	3.6	-	-
1965	24.9	14.4	10.5	10.5	-	-
1970	73.3	49.0	24.3	24.3	-	-
1975	336.1	278.9	57.2	53.6	3.0	0.6
1976	402.1	335.5	66.6	60.9	3.8	1.9
1977	399.8	337.0	62.8	55.7	4.4	2.7
1978	553.0	478.7	74.3	69.4	3.2	1.7
1979	665.5	576.7	88.8	83.2	3.7	1.9
1980	752.8	660.4	92.4	86.3	3.8	2.3
1981	895.7	791.5	104.2	92.6	7.0	4.6
1982	1,129.1	1,016.0	113.1	100.6	7.1	5.4
1983	1,299.2	1,174.2	125.0	112.0	7.3	5.7
1984	1,479.9	1,315.7	164.2	143.0	9.0	12.2
1985	1,691.4	1,531.4	160.0	140.5	9.1	10.4
1986	2,031.3	1,829.8	201.5	161.4	27.3	12.8
1987	2,802.0	2,534.7	267.3	219.3	34.7	13.3
1988	4,004.7	3,654.9	349.8	293.1	42.0	14.7

1 See Table 12.5 for breakdown by type of fund.

Source: Social Security System

**Table 16.18 – ASSETS, INVESTMENTS AND EARNINGS OF THE
SOCIAL SECURITY SYSTEM¹: 1960 TO 1988**
(In million pesos)

Year	Year-end assets	Annual increase %	Year-end investments	Annual increase %	Yearly earnings	Annual increase %
1960	110.7	0.00	108.5	0.00	3.6	0.00
1965	471.8	33.64	428.8	31.63	19.5	40.20
1970	1,128.2	19.05	1,085.5	20.41	66.4	27.77
1971	1,330.6	17.94	1,265.8	16.61	79.3	19.43
1972	1,572.3	18.16	1,519.2	20.02	99.4	25.35
1973	1,949.2	23.97	1,890.5	24.44	128.6	29.38
1974	2,388.9	22.56	2,348.8	24.24	173.3	34.76
1975	2,997.0	25.46	2,915.5	24.13	220.1	27.01
1976	3,696.1	23.33	3,597.0	23.38	284.3	29.17
1977	4,539.7	22.82	4,348.1	20.88	378.4	33.10
1978	5,512.4	21.43	5,276.7	21.36	473.4	25.11
1979	6,750.7	22.46	6,608.6	25.24	583.7	23.30
1980	8,220.7	21.78	8,066.3	22.06	779.5	33.54
1981	9,958.2	21.14	9,711.3	20.39	1,013.6	30.03
1982	11,834.0	18.84	11,538.5	18.82	1,270.5	25.35
1983	13,936.6	17.77	13,633.2	18.15	1,577.0	24.12
1984	17,155.9	23.10	16,449.0	20.65	2,573.0	63.16
1985	22,245.8	29.67	21,121.5	28.41	4,335.6	68.50
1986	26,155.1	17.57	25,290.7	19.74	3,961.4	(8.63)
1987	31,092.0	18.88	29,900.3	18.23	3,837.1	(3.14)
1988	36,664.9	17.92	35,422.8	18.47	4,386.9	14.33

¹ Excludes Medicare and Employees' Compensation

Source: Social Security System

Table 16.19 - REVENUES OF THE SOCIAL SECURITY
(In million)

Year	Total Revenue	Total Contributions	Total	Earnings	
				SSS	Medicare
1960	50.1	45.9	3.6	3.6	0.0
1965	118.7	97.4	19.5	19.5	0.0
1970	236.8	168.8	66.4	66.4	0.0
1975	940.4	702.3	235.1	220.1	12.8
1976	1,164.9	839.6	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	2,117.9	1,445.5	649.9	583.7	22.9
1980	2,525.8	1,617.7	887.3	779.5	38.3
1981	2,968.2	1,785.9	1,170.6	1,013.6	60.5
1982	3,402.2	1,900.3	1,486.4	1,270.5	84.0
1983	3,865.9	1,988.3	1,859.7	1,577.0	109.3
1984	5,156.1	2,112.2	3,029.5	2,573.0	188.0
1985	7,437.7	2,187.3	5,236.4	4,335.6	365.1
1986	7,049.8	2,221.4	4,815.5	3,961.4	355.8
1987	8,786.5	4,158.2	4,610.1	3,837.1	334.5
1988	10,523.9	5,172.1	5,342.0	4,386.9	406.6

Source: Social Security System.

SYSTEM BY SOURCE: 1960 to 1988
(pesos)

Employees' Compensation	Others			Employees' Compensation
	Total	SSS	Medicare	
0.0	0.6	0.6	0.0	0.0
0.0	1.8	1.8	0.0	0.0
0.0	1.6	1.6	0.0	0.0
2.2	3.0	3.0	0.0	0.0
9.9	17.3	17.2	0.0	0.1
18.3	15.9	14.3	0.6	1.0
28.2	18.0	16.8	0.0	1.2
43.3	22.5	21.5	0.3	0.7
69.5	20.8	18.7	1.1	1.0
96.5	11.7	10.4	0.7	0.6
131.9	15.5	13.0	1.6	0.9
173.4	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
438.5	18.8	17.0	1.4	0.4
548.5	9.0	8.0	0.7	0.3

**Table 16.20 – REVENUES, EXPENDITURES AND TRUST
SOCIAL SECURITY SYSTEM:
(In million)**

Year	Revenues					
	Total	SSS	Medicare	Employees' Compensation	Total	SSS
1970	236.8	236.8	–	–	73.4	73.4
1971	283.5	283.5	–	–	84.1	84.1
1972	385.3	327.5	57.8	–	102.4	94.3
1973	620.7	512.8	107.9	–	161.6	133.4
1974	724.6	606.2	118.4	–	300.2	177.3
1975	940.3	744.0	134.8	61.5	336.0	202.1
1976	10,165.0	9,915.5	154.5	95.0	402.0	224.3
1977	1,380.3	1,092.8	170.8	116.7	399.8	240.6
1978	1,641.1	1,311.9	190.6	138.6	553.1	351.0
1979	2,118.0	1,659.9	287.9	170.2	665.5	426.9
1980	2,526.5	1,985.5	329.9	211.1	752.8	513.6
1981	2,969.0	2,344.4	374.9	249.7	895.7	633.2
1982	3,410.6	2,697.2	416.4	297.0	1,129.8	826.5
1983	3,865.9	3,065.9	452.1	347.9	1,299.2	977.4
1984	5,156.0	4,167.8	532.0	456.2	1,479.9	1,160.3
1985	7,437.7	6,006.1	699.3	732.3	1,691.3	1,339.8
1986	7,049.6	5,660.1	692.3	697.2	2,031.3	1,631.7
1987	8,786.5	7,209.5	881.4	695.6	2,801.6	2,314.6
1988	10,523.9	8,683.4	1,023.3	817.2	4,004.0	3,343.8

1 Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

**FUND GENERATED FROM THE OPERATIONS OF THE
1970 to 1988
pesos)**

Expenditures		Trust Fund 1			
Medicare	Employees' Compensation	Total	SSS	Medicare	Employee Compensation
-	-	162.5	162.5	-	-
-	-	199.7	199.7	-	-
8.1	-	282.6	232.9	49.7	-
28.2	-	455.9	376.2	79.7	-
122.9	-	421.3	425.7	(4.4)	-
129.5	4.4	616.6	554.2	5.3	57.1
165.5	12.2	762.9	691.2	(11.1)	82.8
142.0	17.2	980.5	852.2	28.8	99.5
181.4	20.7	1,088.0	960.9	9.2	117.9
212.1	26.5	1,452.4	1,233.0	75.7	143.7
207.6	31.6	1,773.7	1,471.9	122.3	179.5
221.7	40.8	2,073.3	1,711.2	153.2	208.9
258.6	44.7	2,272.3	1,863.0	157.6	251.7
266.7	55.1	2,566.7	2,088.5	185.4	292.8
248.4	71.2	5,746.4	4,666.3	425.8	654.3
273.5	78.0	5,019.3	4,028.4	386.9	604.0
306.4	93.2	6,037.8	4,946.1	497.3	594.4
385.0	102.0	5,984.9	4,894.9	496.4	593.6
516.5	143.7	5,984.9	4,894.9	496.4	593.6

Table 16.21 - INVESTMENTS PORTFOLIO OF THE
(In million)

Year	Total	Social		
		Total	Government securities	Housing loans
1965	428.8	428.8	194.5	135.5
1970	1,103.5	1,103.5	453.3	449.6
1971	1,265.8	1,265.8	512.2	539.3
1972	1,567.3	1,519.2	768.6	525.6
1973	2,014.3	1,890.4	1,020.2	595.6
1974	2,476.3	2,348.8	1,357.0	637.0
1975	3,118.1	2,915.5	1,829.9	706.8
1976	3,857.0	3,597.0	2,297.8	845.9
1977	4,729.7	4,348.2	2,812.8	1,023.0
1978	5,793.3	5,276.7	3,473.6	1,230.9
1979	7,328.5	6,608.6	4,539.0	1,414.4
1980	9,085.1	8,066.3	5,745.4	1,593.0
1981	11,086.2	9,711.3	7,129.5	1,758.1
1982	13,308.2	11,538.4	8,409.0	1,938.6
1983	15,880.2	13,633.2	10,118.4	2,192.4
1984	19,296.7	16,449.0	11,619.7	2,575.7
1985	24,963.3	21,121.5	15,621.7	3,081.5
1986	30,172.2	25,290.7	19,610.6	3,546.7
1987	35,774.2	29,900.3	21,374.6	4,269.2
1988	42,615.6	35,422.8	23,925.8	4,979.8

Source: Social Security System

SOCIAL SECURITY SYSTEM: 1965 TO 1988
(pesos)

Salary educational loans	Security System		Medicare	Employees' compensation
	Other service loans	Private securities		
19.1	0.0	79.7	0.0	0.0
115.1	6.9	78.6	0.0	0.0
130.6	10.2	73.5	0.0	0.0
133.8	12.4	78.8	48.1	0.0
164.6	15.0	95.0	123.9	0.0
209.1	15.2	130.5	127.5	0.0
240.5	14.9	123.4	144.9	57.7
309.0	17.1	127.2	115.3	144.7
369.9	20.6	121.9	144.5	237.0
427.9	24.6	119.7	158.7	357.9
520.2	28.3	106.7	230.3	489.6
591.0	33.0	103.9	350.1	668.7
686.4	37.7	99.6	501.4	873.5
757.9	43.6	389.3	652.8	1,117.0
810.5	49.0	462.9	838.5	1,408.5
1,056.3	72.4	1,124.9	1,105.4	1,742.3
1,205.9	59.9	1,152.5	1,492.0	2,349.8
1,259.1	63.7	810.6	1,898.9	2,982.6
1,896.5	67.0	2,293.0	2,366.0	3,507.9
2,689.4	408.4	3,419.4	2,933.9	4,258.7

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 changes in output and prices of industrialized countries, changes in consumer prices of developing countries, world trade summary, countries' official currencies 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 twenty countries. For the countries selected here, information relative to population; education; available gross domestic product by kind of economic activity; by type of expenditure of market economies and by regions were gathered from the United Nations Statistical Yearbook. Index numbers of agricultural products by region came from the FAO Production Yearbook.

For purposes of comparison on aspects of the Philippine economy with those of its neighbors, statistics of 29 selected developing countries of Asia and the Pacific are shown in 13 tables of this chapter. These data relate to production of rice (paddy) and corn, general index numbers of agriculture and manufacturing production, changes in consumer prices, merchandise exports and imports, imports of petroleum products, terms 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.

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Table 17.1 - POPULATION IN

Country	Date	Latest census (thousands)		
		Both sexes	Male	Female
<i>Canada</i>	3-VI-81	24,343	12,068	12,275
<i>United State of America</i> ²	1-IV-80	226,545	110,053	116,492
<i>France</i>	4-III-82	54,335	...	...
<i>Germany, Federal Republic of</i> ^{1,5}	27-V-70	60,651	28,867	31,784
<i>Netherlands</i> ¹	28-II-71	13,061	...	...
<i>Spain</i>	1-III-81	37,746	18,530	19,216
<i>United Kingdom</i> ³	5-IV-81	55,678	27,030	28,648
<i>Union of Soviet Socialist Republic</i>	17-I-79	262,436	122,329	140,107
<i>China</i>	I-VII-82	1,031,883	...	...
<i>India</i> ^{4,6}	I-III-81	685,185	...	...
<i>Indonesia</i>	31-X-80	147,490	73,333	74,157
<i>Japan</i> ⁷	I-X-85	121,049	59,497	61,552
<i>Korea, Republic of</i> ^{4,8}	I-X-80	37,436	18,767	18,669
<i>Malaysia</i>	10-VI-80	13,700	...	...
<i>Pakistan</i> ⁹	I-III-81	84,254	44,233	40,021
<i>Philippines</i> ¹	I-V-80	48,098	24,129	23,969
<i>Singapore</i> ¹⁰	24-VI-80	2,414	1,232	1,182
<i>Thailand</i> ¹	I-IV-80	44,824	22,309	22,495
<i>Egypt</i>	XI-76	36,626	18,647	17,979
<i>Australia</i>	30-VI-81	14,576	7,267	7,309

1 Population is *je jure*.

2 Population is *de jure* but excludes civilian citizens absent from country for extended period of time.
Census figures also excluded armed forces overseas.

3 Excluding Channel Islands and Isle of Man.

4 Midyear estimates have been adjusted for under enumeration.

5 The data which relate to the German Democratic Republic and the Federal Republic of Germany include the relevant data relating to Berlin for which separate data have not been supplied. This is without prejudice to any question of status which may be involved.

6 Data for Indian held part of Jammu and Kashmir, the final status of which has not been determined.

SELECTED COUNTRIES

Midyear estimates

1970 (thousands)	1980 (thousands)	1984 (thousands)	1986 (thousands)	Annual rate of increase		Area (km) 1986	Density 1986
				(percent)	1980-1986		
21,324	24,043	25,150	25,612	1.1		9,976,139	3
204,878	227,704	236,681	241,596	1.0		9,372,614	26
50,768	53,880	54,935	55,392	0.5		551,500	100
60,714	61,561	61,181	61,048	(0.1)		248,577	246
13,032	14,144	14,420	14,563	0.5		40,844	357
33,779	37,542	38,717	38,668	0.5		504,782	77
55,416	56,356	55,624	56,147	(0.1)		244,046	230
242,767	265,542	295,000	280,144	0.9		22,402,200	13
771,849	996,134	1,051,551	17,072,218	1.2		9,596,961	112
539,075	675,000	746,742	766,135	2.1		3,287,590	233
119,467	146,362	159,895	166,940	2.2		1,904,569	88
104,345	116,807	120,018	121,492	0.7		377,801	322
32,241	38,124	40,598	41,569	1.4		99,016	420
10,390	13,697	15,204	16,109	2.7		329,749	49
60,607	82,581	93,286	99,163	3.0		796,095	125
36,684	48,317	53,351	55,576	2.3		300,000	185
2,075	2,414	2,529	2,586	1.1		618	185
36,370	46,455	50,396	52,094	1.9		513,115	102
33,329	42,126	45,657	49,609	2.7		1,001,449	50
12,507	14,695	15,544	15,974	1.4		7,686,848	2

7 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.

8 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.

9 Data are for territory excluding Jammu and Kashmir, the final status of which has not yet been determined and Junagardh, Manavadar, Gilgit, and Baltistan, are also excluded.

10 Excludes transients afloat and non-locally domiciled military and civilian personnel and their dependents and visitors numbering 5,553 and 8,985, respectively at the 1980 census.

Source: United Nations, 1985/86 Statistical Yearbook.

Table 17.2 - EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES

Country	Level of education	Year	Enrollment	Teaching staff
<i>Canada</i>	Pre-primary	1983	402,264	...
	1st level	1983	2,251,535	142,283
	2nd level	1983	2,323,105	130,551
	3rd level	1983	1,192,925	58,277
<i>United State of America</i>	Pre-primary	1983	5,472,000	...
	1st level	1984	26,839,000	1,414,000
	2nd level	1984	13,779,000	1,043,000
	3rd level	1981	12,467,740	...
<i>France</i>	Pre-primary	1983	2,461,362	73,002
	1st level	1983	4,259,598	173,757
	2nd level	1983	5,225,994	310,698
	3rd level	1983	1,144,080	...
<i>Germany, Federal Republic of</i>	Pre-primary	1983	1,581,069	...
	1st level	1983	2,366,211	140,365
	2nd level	1983	5,967,864	437,559
	3rd level	1984	1,503,035	182,310
<i>Netherlands</i>	Pre-primary	1984	399,453	...
	1st level	1984	1,094,980	...
	2nd level	1984	1,445,991	...
	3rd level	1983	384,131	...
<i>Spain</i>	Pre-primary	1983	1,171,062	38,084
	1st level	1983	3,607,755	117,873
	2nd level	1983	4,112,760	192,574
	3rd level	1983	787,864	47,087
<i>United Kingdom</i>	Pre-primary	1983	349,700	...
	1st level	1982	4,474,000	245,000
	2nd level	1982	5,296,000	...
	3rd level	1983	897,600	...

Table 17.2 – EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES
(continued)

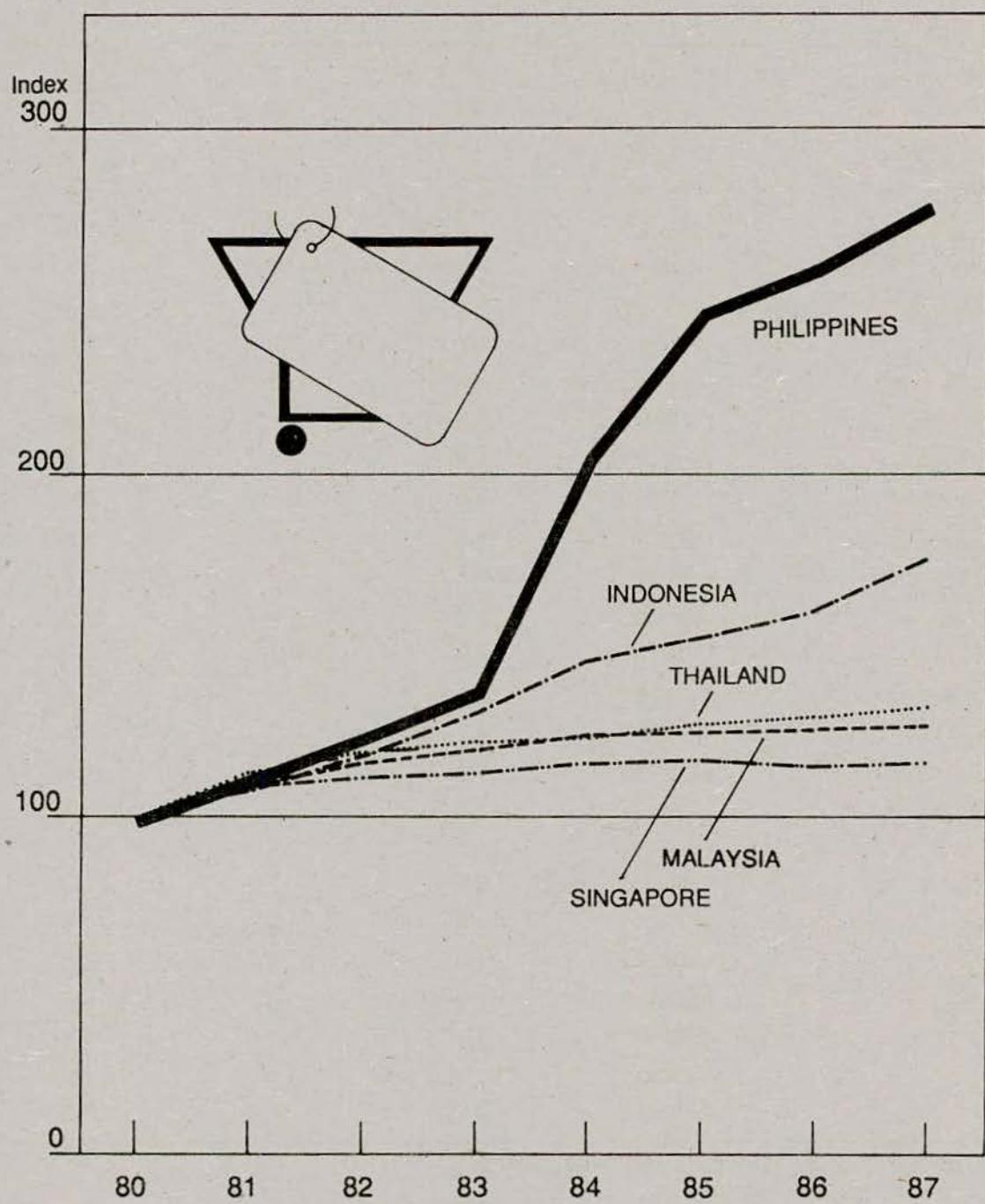
Country	Level of education	Year	Enrollment	Teaching staff
<i>Union of Soviet Socialist Republics</i>	Pre-primary	1984	11,339,000	1,293,000
	Ist level	1984	23,245,000	2,430,000
	2nd level	1984	20,008,000	...
	3rd level	1984	5,280,100	...
<i>China</i>	Pre-primary	1984	12,947,400	491,100
	Ist level	1984	135,571,200	5,369,600
	2nd level	1984	48,608,800	2,721,400
	3rd level	1984	1,443,605	315,021
<i>India</i>	Pre-primary	1982	1,021,093	...
	Ist level	1982	77,038,922	1,389,356
	2nd level	1982	...	...
	3rd level	1979	5,345,580	277,468
<i>Indonesia</i>	Pre-primary	1984	1,233,793	56,489
	Ist level	1984	29,909,188	1,131,271
	2nd level	1984	...	...
	3rd level	1984	980,162	75,589
<i>Japan</i>	Pre-primary	1984	2,132,942	108,267
	Ist level	1984	11,464,221	471,724
	2nd level	1984	10,613,444	603,098
	3rd level	1984	2,403,371	237,884
<i>Korea, Republic of</i>	Pre-primary	1984	254,438	7,513
	Ist level	1984	5,040,958	126,233
	2nd level	1984	4,718,225	134,509
	3rd level	1984	1,193,006	32,215
<i>Malaysia</i>	Pre-primary	1985	293,801	9,056
	Ist level	1985	2,191,676	91,099
	2nd level	1985	1,299,114	58,630
	3rd level	1984	93,249	8,213

Table 17.2 - EDUCATIONAL INSTITUTIONS IN SELECTED COUNTRIES
(continued)

Country	Level of education	Year	Enrollment	Teaching staff
<i>Pakistan</i>	Pre-primary	1983	...	...
	1st level	1983	412,000	206,000
	2nd level	1983	2,402,121	154,759
	3rd level	1979	156,558	7,042
<i>Philippines</i>	Pre-primary	1983	181,726	4,543
	1st level	1984	879,363	286,246
	2nd level	1984	3,323,512	103,493
	3rd level	1982	1,411,515	...
<i>Singapore</i>	Pre-primary	1984	24,775	864
	1st level	1984	288,623	10,657
	2nd level	1984	197,183	9,644
	3rd level	1984	35,192	3,141
<i>Thailand</i>	Pre-primary	1983	471,597	...
	1st level	1983	7,272,153	355,984
	2nd level	1983	2,191,713	...
	3rd level	1983	1,120,084	28,865
<i>Egypt</i>	Pre-primary	1982	84,539	...
	1st level	1983	5,349,579	170,904
	2nd level	1983	3,201,203	149,712
	3rd level	1983	873,565	33200
<i>Australia</i>	Pre-primary	1984	156,641	...

Source: United Nations, 1985/86 Statistical Yearbook.

Figure 17.1 Consumer Price Indices of Asean Countries, 1980 - 1987
(1980 = 100)



*Table 17.3 - GROWTH OF DOMESTIC PRODUCT
1975-*

Region	Years	GROSS DOMESTIC PRODUCT		
		Total	Per capita	Agriculture
ISIC-CIT(REV.)		1-9		1
<i>Market Economies</i>	1975-80	3.7	1.7	1.4
	1980-85	2.3	0.4	2.5
<i>Developed Market Economies</i>	1975-80	3.4	2.6	1.1
	1980-85	2.4	1.8	2.2
<i>Developing Market Economies</i>	1975-80	4.8	2.3	1.7
	1980-85	2.0	-0.3	2.7
<i>Africa</i>	1975-80	3.6	0.5	-0.2
	1980-85	1.1	-1.8	1.5
<i>Africa ex. S. Africa</i>	1975-80	3.8	0.8	-0.4
	1980-85	1.2	-1.7	1.8
<i>North America</i>	1975-80	3.5	2.4	0.6
	1980-85	3.0	2.0	2.4
<i>Carib, Latin America</i>	1975-80	5.0	2.6	3.3
	1980-85	0.5	-1.8	2.2
<i>Asia, Middle East</i>	1975-80	3.8	0.9	2.8
	1980-85	2.3	-0.5	3.7
<i>Asia, E & SE</i>	1975-80	5.8	3.9	2.6
	1980-85	5.2	3.5	5.7
<i>Asia, E. & SE ex Japan</i>	1975-80	6.8	4.8	3.5
	1980-85	7.0	5.1	6.2
<i>Europe</i>	1975-80	3.2	2.6	1.7
	1980-85	2.2	1.7	2.3
<i>EEC-CEE</i>	1975-80	3.0	2.8	2.5
	1980-85	1.3	1.2	2.5
<i>Other Europe</i>	1975-80	2.7	2.0	2.0
	1980-85	1.7	1.1	1.6
<i>Oceania</i>	1975-80	2.4	0.9	1.2
	1980-85	2.8	1.2	5.3

Source: United Nations, 1985/86 Statistical Yearbook

BY KIND OF ECONOMIC ACTIVITY, MARKET ECONOMIES
1985

INDUSTRIAL ACTIVITY			Wholesale & Retail Trade	Transport & Communication	Other
Total	Manufacturing	Construction	6	7	8-9
2-4	3	5			
4.0	4.5	2.2	3.7	5.0	4.0
2.8	3.4	-0.7	2.7	2.4	2.9
3.7	4.2	1.3	3.6	4.3	3.8
2.8	3.8	-0.8	2.8	2.2	2.9
4.0	6.3	5.8	4.1	8.1	5.9
0.0	4.9	-0.5	2.3	3.1	2.9
4.5	4.8	4.6	2.4	5.6	4.9
0.0	1.6	-1.9	0.7	0.9	3.9
5.0	5.0	5.5	3.1	5.8	5.5
0.1	3.4	-1.8	0.1	1.1	4.0
3.6	4.3	2.2	3.3	5.2	3.5
3.1	3.6	1.2	4.1	1.9	2.8
4.8	4.9	5.5	4.6	7.3	5.4
0.7	0.3	-5.1	-0.9	1.1	1.3
0.9	4.3	3.3	1.0	9.9	6.6
-3.8	7.2	3.5	9.5	4.6	3.4
7.8	8.2	3.9	7.3	3.4	5.8
7.9	8.4	-1.0	3.7	4.2	4.7
9.0	9.6	8.0	4.8	6.8	7.2
8.3	9.1	5.0	5.3	5.5	6.4
3.7	3.6	1.2	3.0	4.3	3.5
2.9	3.0	0.7	2.2	2.7	2.4
2.9	3.7	0.5	2.8	4.4	3.5
0.8	1.1	-1.7	1.3	2.0	2.4
3.5	3.4	1.0	1.9	4.5	3.7
1.8	4.8	1.0	1.5	2.0	2.4
2.4	2.2	0.4	1.0	5.3	3.2
2.4	0.8	0.6	2.1	4.3	3.8

Table 17.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: MARKET ECONOMIES BY REGION, 1975 to 1985

Region	Years	Gross Domestic Product	Government Final Consumption Expenditure	Private Final Consumption Expenditure	Gross Fixed Capital Formation	Exports of goods & Services	Less: Imports of good and services
<i>Market Economies</i>	1975-80	3.7	3.0	3.6	4.0	5.3	6.0
	1980-85	2.3	3.0	2.3	1.6	3.0	3.1
<i>Developed Market Economies.</i>	1975-80	3.4	2.5	3.3	3.6	6.1	5.5
	1980-85	2.4	2.9	2.3	1.9	3.8	3.7
<i>Developing Market Economies</i>	1975-80	4.8	5.6	5.0	5.6	3.6	7.8
	1980-85	2.0	3.5	2.3	0.7	0.7	1.3
<i>Africa</i>	1975-80	3.6	5.2	1.9	4.3	5.0	3.5
	1980-85	1.1	3.5	2.2	-1.1	-0.5	-2.1
<i>Africa, ex. S. Africa</i>	1975-80	3.8	5.4	1.8	5.5	5.3	4.9
	1980-85	1.2	3.4	2.3	-0.8	-0.8	-1.5
<i>North America</i>	1975-80	3.5	2.0	3.3	5.4	7.2	6.0
	1980-85	3.0	4.3	3.2	4.1	0.7	7.7
<i>Carib, Latin America</i>	1975-80	5.0	5.3	5.4	4.8	6.1	6.4
	1980-85	0.5	1.0	-0.1	-7.7	4.2	-8.2
<i>Asia, Middle East</i>	1975-80	3.8	3.7	5.2	1.9	-0.9	5.6
	1980-85	2.3	4.0	4.8	9.3	-5.3	7.2
<i>Asia, E & SE</i>	1975-80	5.8	5.6	5.1	5.9	9.3	8.5
	1980-85	5.2	4.1	3.5	3.0	7.6	3.2
<i>Asia, E & SE ex Jap</i>	1975-80	6.8	8.3	6.3	10.0	10.7	13.7
	1980-85	7.0	6.6	4.6	4.5	6.7	4.3
<i>Europe</i>	1975-80	3.2	2.7	3.0	2.2	5.6	5.8
	1980-85	2.2	1.6	1.1	-0.1	4.0	2.5
<i>EEC-CEE</i>	1975-80	3.0	2.5	3.2	2.6	5.4	6.2
	1980-85	1.3	1.3	1.2	-0.1	3.8	2.7
<i>Other Europe</i>	1975-80	2.7	3.9	2.2	0.6	6.4	4.1
	1980-85	1.7	2.5	0.9	-0.2	4.8	1.6
<i>Oceania</i>	1975-80	2.4	3.4	2.1	1.6	3.9	3.5
	1980-85	2.8	4.3	2.8	0.3	4.8	4.0

Source: United Nations, 1985/86 Statistical Yearbook

Figure 17.2 Index Numbers of Food and Total Agricultural Production, 1979 - 86
(1979 - 81 = 100)

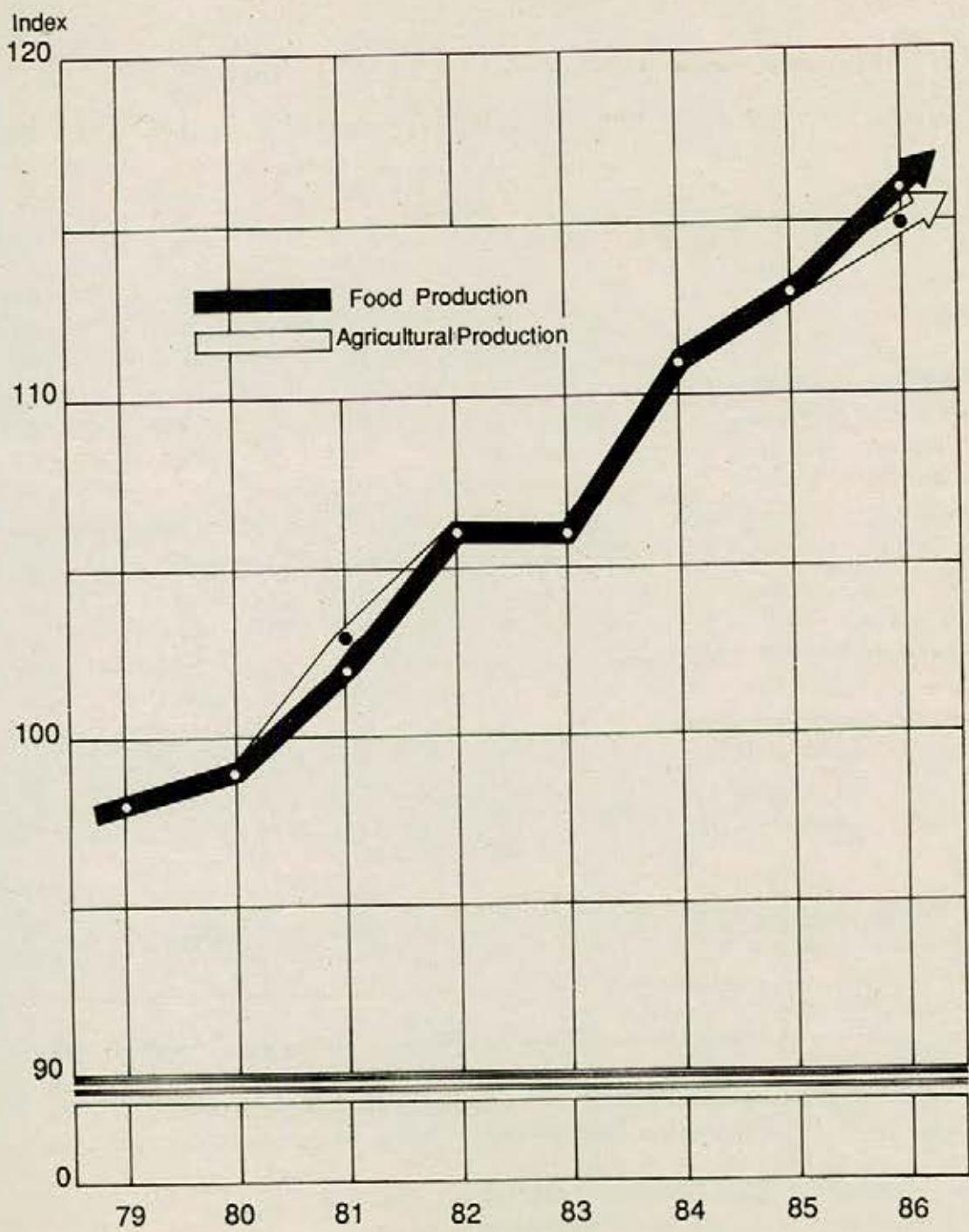


Table 17.5 - INDEX NUMBERS OF FOOD AND
(1975-81)

Regions	1975	1978	1979
<i>World</i>			<i>A. Food</i>
<i>Developed market economies</i>	89	98	98
<i>North America</i>	90	96	99
<i>Western Europe</i>	88	95	99
<i>Oceania</i>	91	95	98
<i>Other developed market economies</i>	92	109	105
<i>Developing market economies</i>	95	99	100
<i>Africa</i>	87	96	96
<i>Latin America</i>	95	96	97
<i>Near East</i>	85	95	97
<i>Far East</i>	87	95	96
<i>Other developing market economies</i>	87	97	95
<i>Centrally planned economies</i>	88	94	98
<i>Asia</i>	90	102	100
<i>Europe and USSR</i>	85	93	98
	96	111	103
<i>World</i>			<i>B. Total Agricultural</i>
<i>Developed market economies</i>	89	98	98
<i>North America</i>	90	96	99
<i>Western Europe</i>	88	94	99
<i>Oceania</i>	91	95	98
<i>Other developed market economies</i>	93	106	103
<i>Developing market economies</i>	96	100	100
<i>Africa</i>	88	97	96
<i>Latin America</i>	95	96	97
<i>Near East</i>	85	95	97
<i>Far East</i>	88	97	96
<i>Other developing market economies</i>	86	97	95
<i>Centrally planned economies</i>	87	94	98
<i>Asia</i>	90	102	100
<i>Europe and USSR</i>	85	93	98
	96	111	102

Note: The index numbers refer to agricultural production which is defined to include both crop and livestock products, seeds and feeds are excluded. The index numbers of food refer to commodities which are considered edible and contain nutrients. Accordingly, together with inedible commodities, coffee and tea are excluded.

For further information see the Production Yearbook published by FAO.

Source: Food and Agricultural Organization of the United Nations (FAO).

Prepared on the basis of information available as of 15 April 1987.

TOTAL AGRICULTURAL PRODUCTION, BY REGIONS: 1975 to 1986

= 100)

	1980	1981	1982	1983	1984	1985	1986
<i>Production</i>							
	99	102	106	106	111	113	116
	99	103	104	97	106	107	106
	96	105	105	92	103	109	106
	102	100	105	103	110	106	107
	94	101	93	111	106	106	107
	98	102	100	95	101	104	106
	100	104	106	109	111	115	119
	101	102	105	103	103	113	118
	99	104	107	106	110	113	113
	100	104	109	108	106	112	118
	99	106	105	114	117	121	123
	98	104	103	99	109	111	113
	100	100	107	113	118	118	125
	99	102	110	118	125	127	133
	100	97	104	108	110	110	117
<i>Production</i>							
	99	103	106	106	111	113	115
	98	103	104	96	105	107	106
	95	106	105	88	102	108	104
	102	100	105	103	110	107	107
	96	101	95	109	106	109	109
	98	102	100	95	101	104	105
	99	104	105	108	111	116	117
	101	102	105	104	104	113	118
	99	104	105	105	108	113	111
	100	103	108	108	106	112	117
	99	105	105	113	117	121	122
	99	103	101	100	108	110	112
	100	100	108	114	119	119	124
	99	103	112	119	129	129	133
	100	98	104	108	109	109	116

**TABLE 17.6 – INDUSTRIAL COUNTRIES; CHANGES IN OUTPUT AND PRICES:
1970 to 1987¹ (In percent)**

	Average								4th Quarter		
	1970-79 ²	1980	1981	1982	1983	1984	1985	1986	1985	1986	1987
<i>Real GNP</i>											
Canada	4.7	1.5	3.7	(3.2)	3.2	6.3	4.6	3.2	4.0	1.2	6.1
United States	2.8	(0.2)	1.9	(2.5)	3.6	6.8	3.4	2.8	3.4	2.0	5.0
Japan	5.2	4.3	3.7	3.1	3.2	5.0	4.8	2.5	4.2	2.0	5.5
France ⁴	4.0	1.6	1.2	2.5	0.7	1.4	1.6	2.1	2.2	1.9	2.8
Germany, Fed. Republic of	3.1	1.5	0.0	(1.0)	1.9	3.3	2.0	2.5	1.7	2.4	2.3
Italy ⁵	3.3	3.9	1.1	0.2	1.1	3.2	2.9	2.9	3.1	3.0	2.8
United Kingdom ⁵	2.3	(2.5)	(1.1)	1.5	3.2	2.6	3.7	3.2	4.6	4.5	4.6
Other industrial countries	3.2	2.6	0.4	0.5	2.3	3.6	3.0	2.2	2.8	2.2	2.9
All industrial countries of which,	3.3	1.4	1.5	(0.3)	2.8	5.0	3.3	2.7	3.3	2.2	4.4
Seven major countries above	3.3	1.2	1.7	(0.4)	2.9	5.2	3.4	2.7	3.4	2.2	4.6
European countries	3.2	1.6	0.2	0.7	1.9	2.7	2.6	2.5	2.7	2.7	2.9
<i>GNP deflator</i>											
Canada	7.7	10.6	10.8	8.7	5.0	3.1	2.9	2.5	4.3	3.0	4.4
United States	7.0	9.1	9.6	6.4	3.8	3.7	3.0	2.7	3.3	2.8	3.1
Japan	8.0	3.8	3.2	2.0	0.7	1.2	1.6	1.8	(0.2)	1.3	(0.2)
France ⁴	8.9	13.2	11.4	11.8	9.7	7.4	5.9	5.1	2.8	4.0	2.5
Germany, Fed. Republic of	5.6	4.8	4.0	4.4	3.2	2.0	2.2	3.0	2.1	3.0	1.6
Italy ⁵	13.4	20.7	18.5	16.2	15.0	11.3	8.9	7.5	5.6	7.5	5.5
United Kingdom ⁵	12.7	19.8	11.5	7.6	5.3	4.3	5.9	3.6	4.4	2.3	5.0
Other industrial countries	9.5	8.4	9.1	9.7	7.0	6.3	5.5	5.6	4.3	5.4	3.9
All industrial countries of which,	8.1	9.3	8.8	7.2	5.0	4.2	3.7	3.4	2.9	3.2	2.7
Seven major countries above	7.9	9.5	8.7	6.8	4.7	3.9	3.4	3.1	2.7	2.9	2.6
European countries	9.3	11.4	9.7	9.2	7.4	5.9	5.3	4.7	3.5	4.3	3.2

1 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.

2 Compound annual rates of change.

3 From fourth quarter of preceding year.

4 GDP at market prices.

5 Average of expenditures, income, and output estimates of GDP at market prices.

Source: International Monetary Fund, Annual Report 1988.

**Table 17.7 - DEVELOPING COUNTRIES: CHANGES IN CONSUMERS PRICES,
1970 to 1987 (In percent)**

	Average 1970-87	From Preceding Year							
		1980	1981	1982	1983	1984	1985	1986	1987
Weighted averages									
<i>Developing countries by region</i>	18.1	27.3	25.9	25.4	33.0	38.6	38.9	29.8	40.0
<i>Africa</i>	12.7	16.2	21.2	13.1	18.9	20.4	13.2	15.3	15.8
<i>Sub-Saharan Africa</i>	15.6	24.8	30.3	18.8	29.1	22.3	19.1	23.6	25.7
<i>Asia</i>	9.5	13.1	10.5	6.4	6.6	7.3	7.1	7.8	8.8
<i>Europe</i>	12.3	31.8	23.6	33.1	22.8	25.4	25.4	24.8	30.3
<i>Middle East</i>	11.6	16.8	15.2	12.7	12.2	14.8	12.2	11.4	14.7
<i>Western Hemisphere</i>	34.8	58.3	60.7	66.8	108.6	131.8	143.5	88.3	131.2
Median									
<i>Developing countries by region</i>	10.0	14.6	13.1	10.6	9.9	10.4	8.7	7.8	8.1
<i>Africa</i>	10.0	12.5	13.1	12.9	10.9	11.5	10.5	9.1	8.1
<i>Sub-Saharan Africa</i>	10.3	13.3	12.7	13.1	11.2	11.4	10.5	9.4	8.1
<i>Asia</i>	7.8	13.9	12.5	7.6	8.7	7.0	4.8	5.5	5.5
<i>Europe</i>	8.5	15.8	20.0	21.0	20.2	15.0	15.1	11.7	9.4
<i>Middle East</i>	10.6	10.5	8.8	9.1	5.2	6.4	4.7	10.0	9.0
<i>Western Hemisphere</i>	11.6	19.2	14.7	9.0	13.1	12.0	15.0	11.5	14.6

1 Compound annual rates of changes.

2 Geometric averages of country indices weighted by the average U.S. dollar value of GDPs over the preceding three years.

3 Excluding Nigeria and South Africa.

Source: International Monetary Fund, Annual Report 1987.

*Table 17.8 - EXCHANGE RATES
(As of December 1986)
National currency per U.S. dollar*

Country	Currency	1986
Afghanistan	Afghanis	50.600
Albania ⁶	new leks	7.000
Algeria	dinars	4.823
Antigua & Barbuda	dollars	2.700
Argentina	australes	1.257
Australia	dollars	1.504
Austria ¹	schillings	13.710
Bahamas ²	dollars	1.000
Bahrain	dinars	0.376
Bangladesh	taka	30.800
Barbados	dollars	2.011
Belgium	francs	40.410
Belize	dollars	2.000
Benin	CFA francs	322.750
Bolivia	pesos	1.923
Botswana	pula	1.838
Brazil ¹	cruzados	14.895
Burkina Faso	CFA francs	322.750
Bulgaria ⁶	leva	1.230
Burma	kyats	7.039
Burundi	francs	124.165
Cameroon	CFA francs	322.750
Canada	dollars	1.380
Cape Verde	escudos	76.565
Central African Rep.	CFA francs	322.750
Chad	CFA francs	322.750
Chile	pesos	204.730
China	yuan renminbi	3.722
Colombia ¹	pesos	219.000
Comoros	CFA francs	322.750
Congo	CFA francs	322.750
Costa Rica	colones	58.875
Cote d'Ivoire	CFA francs	322.750
Cuba ⁶	pesos	0.793
Cyprus	pounds	0.512
Czechoslovakia ⁶	koruny	9.710
Democratic Yemen	dinars	0.345
Denmark	kroner	7.342
Djibouti	francs	177.721
Dominica	dollars	2.700
Dominican Republic ²	pesos	3.077

Table 17.8 - EXCHANGE RATES (continued)

(As of December 1986)

National currency per U.S. dollar

Country	Currency	1986
Ecuador	sucres	146.500
Egypt 2	pounds	0.700
El Salvador 3	colones	5.000
Equatorial Guinea 5	CFA francs	322.750
Ethiopia	birr	2.070
Fiji	dollars	1.145
Finland	markkaa	4.794
France	francs	6.455
Gabon	CFA francs	322.750
Gambia	dalasis	7.426
German Dem. Rep. 6	marks	2.000
Germany, Fed. Rep.	deutsche mark	1.941
Ghana	cedis	90.009
Greece	drachmae	138.760
Grenada	dollars	2.700
Guatemala 3	quetzales	2.500
Guinea	sylis	235.630
Guinea-Bissau	pesos	238.980
Guyana	dollars	4.400
Haiti 3	gourdes	5.000
Honduras 3	lempiras	2.000
Hong Kong	dollars	7.795
Hungary	forint	45.927
Iceland 1	kronur	40.240
India	rupees	13.122
Indonesia	rupiahs	1641.000
Iran (Islamic Republic of)	rials	75.644
Iraq 1	dinars	0.311
Ireland	pounds	0.715
Israel	new shekels	1.486
Italy	lire	1358.130
Jamaica	dollars	5.480
Japan	yen	159.100
Jordan	dinars	0.344
Kenya	shillings	16.042
Kiribati	dollars	1.504
Korea, Rep.	won	861.400
Kuwait	dinars	0.292
Lao Peoples Dem. Rep.	new kip	...
Lesotho	maloti	2.183
Liberia 3	dollars	1.000
Libyan Arab Jamah	dinars	0.314

Table 17.8 - EXCHANGE RATES (continued)

(As of December 1986)
National currency per U.S. dollar

Country	Currency	1986
Luxembourg	francs	40.410
Madagascar	francs	7699.810
Malawi	kwacha	1.952
Malaysia	ringgit	2.603
Maldives	rufiyaa	7.244
Mali	CFA francs	322.750
Malta	lire	0.369
Mauritania	ouguiya	74.080
Mauritius	rupees	13.137
Mexico	pesos	923.500
Mongolia ⁶	tughrik	3.000
Morocco	dirhams	8.712
Nepal ³	rupees	22.000
Netherlands	guilders	2.192
Neth. Antil & Aruba	guilders	1.800
New Zealand	dollars	1.910
Nicaragua	cordobas	70.000
Niger	CFA francs	322.750
Nigeria	naira	3.317
Norway ³	kroner	7.400
Oman ³	rials Omani	0.384
Pakistan ²	rupees	17.250
Panama ³	balboas	1.000
Papua New Guinea	kina	0.961
Paraguay ¹	guaranies	550.000
Peru	intis	13.950
Philippines	pesos	20.530
Poland	zlotych	...
Portugal	escudos	146.117
Qatar	riyals	3.640
Romania	lei	15.280
Rwanda	francs	84.180
St. Kitts	dollars	2.700
St. Lucia	dollars	2.700
S. Vincent	dollars	2.700
Samos	tala	2.198
Sao Tome & Principe	dobras	36.993
Saudi Arabia	riyals	3.745
Senegal	CFA francs	322.750
Seychelles	rupees	5.929
Sierra Leone	leones	35.587
Singapore	dollars	2.175
Solomon Islands	dollars	1.986

Table 17.8 – EXCHANGE RATES (continued)
(As of December 1986)
National currency per U.S. dollar

Country	Currency	1986
<i>Somalia</i>	shillings	90.500
<i>South Africa</i>	rand	2.183
<i>Spain</i>	pesetas	132.395
<i>Sir Lanka</i>	rupees	28.520
<i>Sudan</i>	pounds	2.500
<i>Suriname</i>	guilders	1.785
<i>Swaziland</i>	emalangeni	2.183
<i>Sweden</i>	kronor	6.819
<i>Switzerland</i> ⁴	francs	1.623
<i>Syrian Arab Rep.</i>	pounds	3.925
<i>Thailand</i>	baht	26.130
<i>Togo</i>	CFA francs	322.750
<i>Tonga</i>	pa'anga	1.504
<i>Trinidad & Tobago</i>	dollars	3.600
<i>Tunisia</i>	dinars	0.840
<i>Turkey</i>	liras	757.790
<i>Uganda</i>	new shillings	14.000
<i>USSR</i> ⁶	roubles	0.684
<i>United Arab Emirates</i>	dirhams	3.671
<i>United Kingdom</i>	pounds	0.678
<i>United Rep. Tanzania</i>	shillings	51.719
<i>United States</i>	dollars	1.000
<i>Uruguay</i> ¹	new pesos	181.000
<i>Vanuatu</i>	vatu	116.240
<i>Venezuela</i> ¹	bolivares	14.500
<i>Viet Nam</i>	dong	15.000
<i>Yemen</i>	rials	...
<i>Yugoslavia</i>	new dinars	457.180
<i>Zaire</i>	zaire	71.100
<i>Zambia</i>	kwacha	12.710
<i>Zimbabwe</i>	dollars	1.678

1 Selling rate

2 Fixed rate

3 Buying rate

4 Buying rate at Zurich

5 Prior to January 1985, national currency relates to bipkwele.

6 Data refer to non-commercial rates applicable to countries in the rouble area, derived from the operational rates of exchange for the United National Programmes.

Source: International Monetary Fund and the United Nations.

Table 17.9 – WORLD TRADE SUMMARY: 1970 to 1987
(In percent)

	Average 1970-79 ¹								
	1980	1981	1982	1983	1984	1985	1986	1987	
World trade²									
<i>Volume</i>	6.5	1.4	1.2	(1.8)	3.0	8.9	3.0	4.8	5.7
<i>Unit value (in U.S. dollar terms)</i>	12.4	19.8	(1.6)	(4.6)	(4.8)	(2.6)	(2.0)	4.5	10.1
<i>(in SDR terms)</i>	9.5	19.0	8.6	1.9	(1.7)	1.6	(1.1)	(9.5)	(0.1)
<i>Volume of trade</i>									
<i>Exports</i>									
<i>Industrial countries</i>	6.6	4.2	3.8	(2.1)	3.0	9.9	4.7	2.7	5.0
<i>Developing countries</i>	4.9	(3.9)	(5.6)	(7.1)	3.2	7.5	1.1	10.9	8.6
<i>Fuel exporters</i>	2.6	(13.2)	(14.9)	(16.6)	(3.7)	0.8	(5.7)	13.8	(0.5)
<i>Non-fuel exporters</i>	7.1	8.8	6.2	2.9	8.6	12.2	5.4	9.9	12.1
<i>Imports</i>									
<i>Industrial countries</i>	6.5	(1.5)	(1.7)	(0.6)	4.7	12.5	4.7	8.8	6.7
<i>Developing countries</i>	8.4	8.0	8.5	(2.5)	(2.3)	3.3	(0.3)	(3.9)	4.4
<i>Fuel exporters</i>	13.7	13.5	19.1	(1.4)	(10.4)	(6.1)	(10.9)	(21.9)	(11.1)
<i>Non-fuel exporters</i>	6.8	5.9	4.0	(3.0)	1.9	7.6	4.0	3.0	8.9
<i>Unit value of trade (in SDR terms)³</i>									
<i>Exports</i>									
<i>Industrial countries</i>	8.5	11.9	5.5	2.7	(0.8)	1.2	(0.3)	(1.8)	0.7
<i>Developing countries</i>	14.3	36.2	15.0	1.5	(4.6)	3.2	(4.3)	(27.3)	1.1
<i>Fuel exporters</i>	23.5	62.0	22.9	3.7	(8.6)	2.6	(3.6)	(49.9)	11.0
<i>Non-fuel exporters</i>	7.9	12.0	6.4	(0.7)	(1.2)	3.7	(4.7)	(14.5)	(2.2)
<i>Imports</i>									
<i>Industrial countries</i>	9.4	20.7	7.3	0.8	(2.2)	0.9	(1.0)	(10.1)	0.1
<i>Developing countries</i>	9.0	16.4	10.8	1.5	(1.1)	1.3	(2.2)	(9.7)	(1.9)
<i>Fuel exporters</i>	8.4	12.1	10.4	3.1	-	1.9	(1.1)	(2.4)	(1.2)
<i>Non-fuel exporters</i>	9.2	18.2	11.0	0.8	(1.7)	1.1	(2.7)	(12.3)	(2.1)
<i>Terms of trade</i>									
<i>Industrial countries</i>	(0.8)	(7.3)	(1.7)	1.9	1.5	0.2	0.6	9.1	0.6
<i>Developing countries</i>	4.8	17.0	3.8	-	(3.5)	1.9	(2.1)	(19.4)	3.1
<i>Fuel exporters</i>	13.9	44.4	11.4	0.6	(8.6)	0.7	(2.5)	(48.7)	12.3
<i>Non-fuel exporters</i>	(1.2)	(5.1)	(4.2)	(1.5)	0.6	2.6	(2.1)	(2.6)	(0.2)
<i>Memorandum</i>									
<i>World trade prices (in U.S. dollar terms) for major commodity groups</i>									
<i>Manufactures</i>	10.6	10.4	(3.9)	(2.1)	(2.8)	(3.0)	1.1	17.9	12.3
<i>Oil</i>	29.1	63.5	9.9	(4.3)	(11.9)	(2.1)	(5.0)	(50.2)	28.4
<i>Non-oil primary commodities</i>	11.3	5.5	(13.5)	(9.9)	6.9	4.2	(12.9)	(1.2)	3.4

1 Compound annual rates of change, excluding China.

2 Average growth rates of world exports and imports based on data for the two group of countries shown separately below and on partly estimated data for the USSR and non-member countries of Eastern Europe.

3 As represented, respectively, by the export unit value index for the manufactures of the industrial countries; the oil export unit value of the oil exporting countries (according to the former analytical categories. (See Appendix IX); and the index of market quotations for non-oil primary commodities exported by the developing countries.

Source: International Monetary Fund, Annual Report 1988

Figure 17.3 International Reserves Including Gold, 1980 - 1987

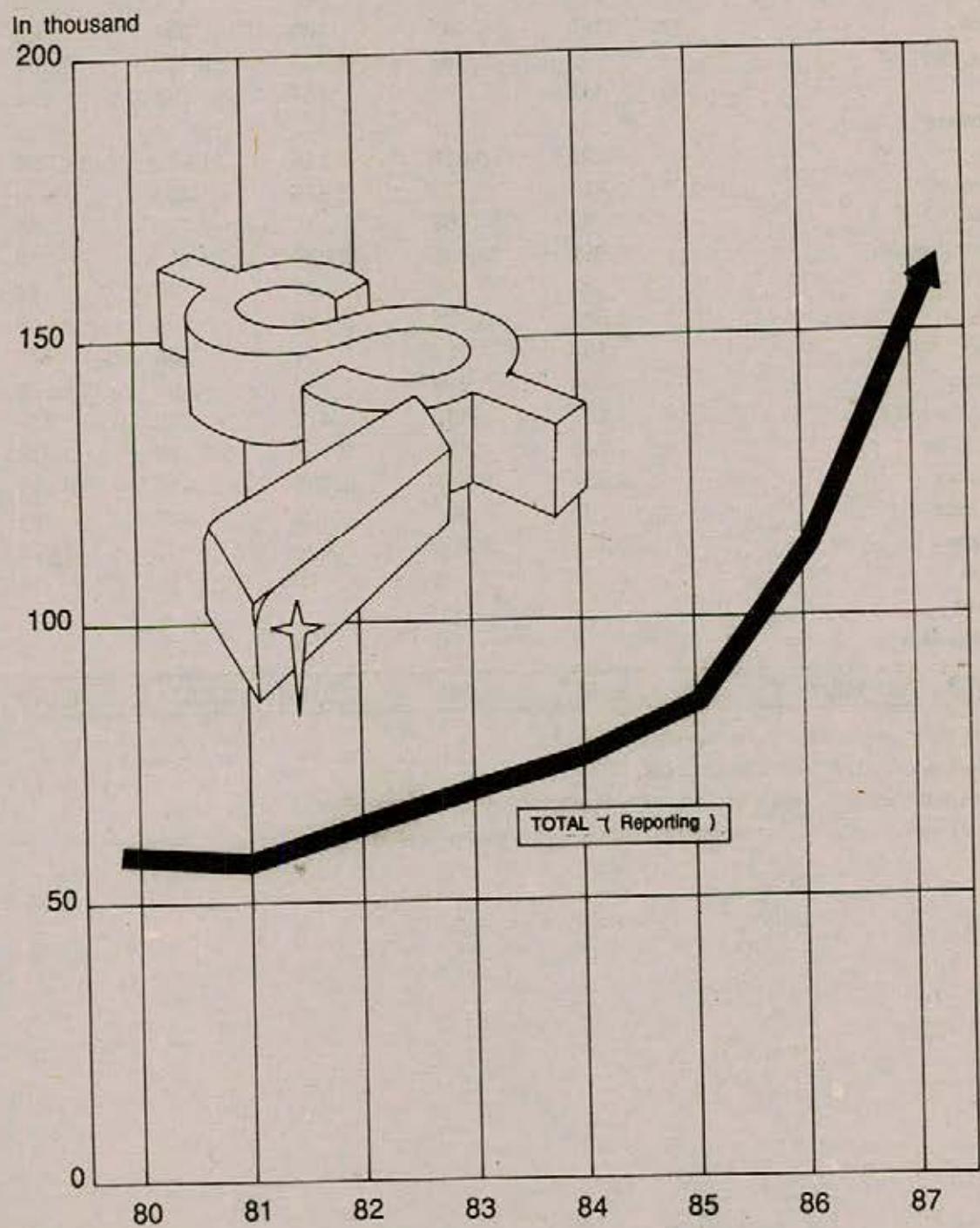


Table 17.10 - INTERNATIONAL RESERVES

Country	1976	1977	1978	1979	1980
Afghanistan	256	431	606	933	943
Bangladesh	289	241	322	412	329
Burma	145	141	150	331	408
China, Rep. of	...	4,456	4,450	8,708	10,091
Fiji	116	149	137	141	174
Hongkong	...	...	...	...	...
India	3,729	6,086	8,315	11,815	12,008
Indonesia	1,505	2,537	2,676	4,205	6,801
Kiribati ²	43	55	72	74	80
Korea, Rep. of	1,985	2,992	2,827	3,113	3,102
Lao PDR ³	12	8	22	26	14
Malaysia	2,628	3,071	3,670	5,006	5,755
Nepal	146	161	179	236	271
Pakistan	684	716	797	1,145	1,569
Papua New Guinea	257	432	414	530	458
Philippines	1,740	1,654	2,104	3,120	3,978
Singapore	3,364	3,858	5,303	5,818	6,567
Sri Lanka	92	293	407	548	281
Thailand	2,113	2,209	2,558	3,103	3,028
Tonga	6	8	12	12	16
Vietnam	...	...	...	...	...
Western Samoa	5	9	5	5	3
TOTAL (Reporting)	20,931	31,253	37,019	52,034	60,010

1 With gold value at London market price

2 Includes foreign exchange holdings only

3 Data represent gold, foreign exchange and Special Drawing Rights (SDR's).

Source: Key Indicators of developing Countries of ADB, Volume XX, July 1989.

INCLUDING GOLD¹: 1976 TO 1988

1981	1982	1983	1984	1985	1986	1987	1988
660	701	584	528	612	638	750	261
158	206	547	405	352	436	877	1,075
328	218	184	139	122	131	178	103
10,106	17,152	19,832	21,281	16,681	16,400	22,453	5,210
139	132	120	120	134	174	132	233
...
8,108	8,240	8,214	8,537	9,494	10,481	11,512	4,287
6,246	4,560	4,901	5,729	5,988	5,263	7,093	...
75	80	87	74	94	...	...	...
2,801	2,944	2,461	2,850	2,970	3,445	3,739	12,474
14	8	19	11	26	..	34	28
5,024	4,833	4,673	4,441	5,677	6,942	8,537	964
262	268	190	128	105	146	195	294
1,456	1,814	2,683	1,608	1,428	1,463	1,441	800
420	480	463	453	463	446	466	419
2,726	1,742	858	846	1,099	2,611	2,314	2,168
7,549	8,480	9,264	10,416	12,847	12,939	15,227	17,072
351	378	320	529	471	376	308	248
2,722	2,676	2,557	2,689	3,004	3,777	5,208	7,114
17	16	15	19	18	17	...	...
...
3	3	7	11	14	24	37	46
57,750	65,250	71,464	77,915	86,049	114,255	158,759	161,081

Table 17.11 - INTERNATIONAL RESERVES

Country	1976	1977	1978	1979	1980
Afghanistan	131	276	391	441	371
Bangladesh	289	233	315	386	300
Burma	118	103	96	203	261
China, Rep. of	...	2,345	1,557	2,154	2,545
Fiji	116	147	135	136	168
Hongkong	...	...	...	...	...
India	2,792	4,872	6,426	7,432	6,944
Indonesia	1,497	2,509	2,626	4,062	5,392
Kiribati ¹	43	55	72	74	80
Korea, Rep. of	1,970	2,967	2,764	2,959	2,925
Lao PDR ²	12	8	22	26	14
Malaysia	2,404	2,784	3,243	3,915	4,387
Nepal	128	140	145	159	183
Pakistan	466	449	408	213	496
Papua New Guinea	257	427	405	504	423
Philippines	1,597	1,479	1,763	2,250	2,846
Singapore	3,364	3,858	5,303	5,818	6,567
Sri Lanka	92	293	398	517	246
Thailand	1,798	1,813	2,009	1,843	1,560
Tonga	6	8	12	12	16
Vietnam	...	...	...	...	...
Western Samoa	5	9	5	5	3
TOTAL (Reporting)	18,601	26,123	29,542	34,630	37,979

1 Includes foreign exchange.

2 Data represents gold, foreign exchange and SDRs.

Source: Key Indicators of developing Countries of ADB, Volume XX, July 1989.

EXCLUDING GOLD: 1976 TO 1988

1981	1982	1983	1984	1985	1986	1987	1988
274	258	214	229	295	259	280	261
138	183	524	390	336	409	843	1,046
229	104	89	62	40	33	57	...
5,058	11,349	14,987	17,366	12,728	11,453	16,305	...
135	127	116	117	131	171	132	233
...
4,693	4,315	4,937	5,842	6,420	6,396	6,453	...
5,014	3,144	3,718	4,773	4,974	4,051	5,592	...
75	80	87	74	94	...	...	...
2,682	2,807	2,347	2,754	2,869	3,320	3,584	12,347
14	8	19	11	26	32	34	28
4,098	3,768	3,784	3,723	4,912	6,027	7,435	...
202	199	133	82	56	87	122	232
721	969	1,973	1,035	807	709	502	...
396	453	440	435	443	425	437	394
2,066	888	747	602	615	1,728	968	1,003
7,549	8,480	9,264	10,416	12,847	12,939	15,227	17,072
327	351	297	511	451	353	279	223
1,732	1,538	1,607	1,921	2,190	2,804	4,007	6,097
17	16	15	19	18	17	...	...
...
3	3	7	11	14	24	37	46
42,711	47,649	57,223	66,095	72,874	97,605	139,127	113,108

**Table 17.12 - CONSUMER PRICE INDICES OF SELECTED
THE PACIFIC:
(1980)**

Country	1976	1977	1978	1979	1980	1981	1982	1983	1984
Afghanistan	73.2	81.9	84.1	91.3	100.0	115.9	138.4	...	...
Bangladesh	66.3	68.1	78.6	86.6	100.0	112.0	126.3	135.1	148.4
Bhutan	...	...	...	95.8	100.0	110.2	121.2	143.0	153.1
Burma	102.7	100.1	94.1	99.4	100.0	101.1	105.4	111.3	116.7
Cambodia	...	...	...	...	...	...	...	...	...
China, Rep. of	88.3	90.5	91.3	93.1	100.0	102.5	104.6	106.7	109.6
Cook Islands	58.8	70.8	79.0	87.9	100.0	121.3	136.5	146.7	164.2
Fiji	71.4	76.4	81.0	87.3	100.0	111.2	119.0	127.0	133.7
Hongkong	69.2	73.2	77.5	86.5	100.0	114.0	126.1	138.5	149.8
India	75.9	82.3	84.4	89.7	100.0	113.1	121.8	136.4	147.7
Indonesia	59.9	66.6	72.0	86.6	100.0	108.5	118.3	131.0	146.3
Kiribati	66.1	72.0	80.5	86.1	100.0	107.7	113.7	120.8	127.4
Korea, Rep. of	52.3	57.6	65.8	77.7	100.0	121.3	130.2	134.9	137.9
Lao PDR	14.7	58.2	39.4	61.8	100.0	122.9	174.1	228.8	349.4
Malaysia	82.3	86.2	90.5	93.8	100.0	109.7	116.1	120.4	125.1
Maldives	...	...	...	...	...	...	...	...	...
Nepal	78.0	78.3	86.2	89.1	100.0	114.6	126.8	142.4	150.1
Pakistan	73.6	78.5	84.7	90.3	100.0	112.4	124.8	130.7	140.2
Papua New Guinea	75.2	78.2	83.3	89.1	100.0	109.9	114.2	131.6	134.2
Philippines	61.3	66.1	70.7	84.3	100.0	112.2	124.5	138.0	205.0
Singapore	82.0	84.6	88.7	92.2	100.0	108.3	112.4	113.8	116.7
Solomon Islands	67.4	77.0	81.9	88.4	100.0	116.4	131.5	140.3	156.0
Sri Lanka	63.1	63.9	71.6	79.3	100.0	118.0	130.8	149.0	173.8
Taipei, China	67.6	72.3	76.5	84.0	100.0	116.2	119.8	121.3	121.3
Thailand	64.1	69.5	75.6	83.4	100.0	113.4	119.5	123.5	124.4
Tonga	60.2	70.7	77.5	81.8	100.0	115.0	127.5	139.8	140.0
Vanuatu	76.7	81.1	86.3	89.9	100.0	127.4	135.3	137.5	145.1
Vietnam	...	...	...	...	...	...	...	...	...
Western Samoa	57.8	66.3	67.9	75.2	100.0	120.5	142.6	166.4	185.7

a 1980-82 only.

b 1976-79 only.

c 1977-79 only.

Source: Key Indicators of Developing Countries of ADB, Volume XX, July 1989.

DEVELOPING COUNTRIES OF ASIA AND
1976 to 1988
= 100)

1985	1986	1987	1988	Annual Change (%)					
				75-79	80-84	1985	1986	1987	1988
...	...	...	...	7.6	14.9 ^a	9.1	8.4	...	...
166.0	180.8	201.4	221.2	8.6	11.4	11.8	8.9	11.4	9.8
155.9	171.5	182.4	200.8	...	9.9	1.9	10.0	6.4	10.1
124.6	136.1	168.2	...	10.6	3.3	6.8	9.2	23.6	...
...
122.6	131.2	142.8	172.3	1.4 ^b	3.3	11.9	7.0	8.8	20.7
184.8	203.3	225.2	...	16.4	13.4	12.6	10.0	10.8	...
139.6	142.1	150.1	167.9	9.1	8.9	4.4	1.8	5.7	11.8
154.6	159.0	167.8	180.2	5.9	11.6	3.2	2.9	5.5	7.4
155.9	169.5	184.4	...	3.0	10.5	5.6	8.7	8.8	...
153.5	161.9	176.4	189.5	15.7	11.1	4.9	5.5	9.0	7.4
133.1	141.8	151.0	...	9.3	8.2	4.5	6.5	6.5	...
141.2	144.9	149.9	160.2	16.9	12.6	2.5	2.7	3.3	6.9
577.6	...	...	...	106.8 ^c	42.1	65.3	...	...	...
125.5	126.4	127.8	131.2	4.1	6.0	0.3	0.7	1.1	2.7
...
155.8	182.4	208.0	227.7	7.2	11.0	3.8	17.1	14.0	9.5
148.1	154.6	160.1	170.2	9.8	9.2	5.8	3.7	3.6	6.3
141.4	150.4	155.5	...	7.2	8.6	2.9	6.9	3.4	...
248.7	261.8	279.4	307.6	9.5	20.4	20.7	5.3	6.7	10.1
117.3	115.7	116.3	118.1	2.5	4.9	0.5	1.4	0.5	1.6
170.9	194.1	...	...	6.8	12.1	9.6	13.6	...	...
176.4	190.4	205.2	233.8	6.4	17.1	1.5	8.0	7.7	14.0
121.1	122.0	122.6	124.1	6.1	7.9	0.2	0.7	0.5	1.3
128.4	130.7	134.1	139.1	7.3	8.6	3.2	1.7	2.6	3.7
163.6	199.0	208.3	229.0	10.0	11.6	19.6	21.7	4.6	10.0
146.7	153.7	176.4	189.6	5.5	10.4	1.1	4.8	14.8	7.5
...
202.6	214.2	224.1	243.0	8.3	20.0	9.1	5.7	4.6	8.4

**Table 17.13 - MERCHANDISE IMPORTS, C.I.F.,
OF ASIA AND THE PACIFIC:
(In million)**

Country	1975	1976	1977	1978	1979	1980
Afghanistan	350	261	328	395	425	841
Bangladesh	1,321	952	1,163	1,513	1,908	2,599
Bhutan	...	...	...	...	...	45
Burma ¹	254	194	275	470	569	785
Cambodia	...	...	...	...	...	...
China, Rep. of	7,926	6,660	7,148	11,131	15,621	19,941
Cook Islands	13	13	17	19	23	23
Fiji	268	264	307	355	470	562
Hongkong	6,766	8,838	10,447	13,440	17,134	22,409
India	6,381	5,665	6,647	7,865	9,827	14,864
Indonesia	4,770	5,673	6,230	6,690	7,202	10,834
Kiribati ²	12	12	13	17	18	21
Korea, Rep. of	7,274	8,774	10,811	14,972	20,339	22,292
Lao PDR	42	46	58	76	70	92
Malaysia	3,566	3,824	4,542	5,909	7,849	10,779
Maldives	7	6	10	14	21	29
Nepal	171	163	168	221	254	342
Pakistan ³	2,158	2,181	2,446	3,285	4,056	5,350
Papua New Guinea	556	502	642	770	903	1,176
Philippines	3,756	3,942	4,270	5,144	6,612	8,295
Singapore	8,134	9,070	10,471	13,048	17,635	24,003
Solomon Islands	33	30	33	42	70	89
Sri Lanka	757	585	701	967	1,466	2,037
Taipei, China	5,961	7,605	8,521	11,022	14,783	19,753
Thailand	3,280	3,572	4,617	5,356	7,158	9,214
Tonga	20	16	20	26	29	35
Vanuatu	40	39	52	63	73	73
Vietnam	1,102	1,171	1,372	1,485	1,599	1,296
Western Samoa ⁴	37	30	41	52	74	62
(A) TOTAL (Reporting)	64,955	70,088	81,350	104,347	136,188	177,841
(B) TOTAL WORLD	837,800	947,600	1,085,700	1,260,100	1,583,600	1,946,300
(A)/(B) %	7.8	7.4	7.5	8.3	8.6	9.1

¹ Current data are provisional as they exclude imports under Special Order and military goods.

² Imports are at c.d.v.

³ Data exclude trade of former East Pakistan and include trade with Bangladesh.

⁴ Prior to January 1977, data are based on custom clearances. Thereafter, data refer to actual imports landed in Western Samoa.

Source: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

OF SELECTED DEVELOPING COUNTRIES
1975 TO 1988
(US dollars)

1981	1982	1983	1984	1985	1986	1987	1988
886	962	1,064	1,390	1,194	1,044	...	...
2,699	2,307	2,165	2,825	2,772	2,426	2,680	2,900
68	68	72	73	75	89	...	...
823	409	268	239	283	304	268	...
...
21,635	18,900	21,336	25,950	42,526	43,172	43,392	...
25	20	23	21	25	26	34	...
631	509	484	450	442	437	420	...
24,765	23,553	24,013	28,567	29,705	35,366	48,464	63,900
15,418	14,786	14,061	15,221	16,075	15,406	16,724	...
13,272	16,859	16,352	13,882	10,259	10,724	12,891	...
26	23	18	18	15	14	18	...
26,131	24,251	26,192	30,631	31,136	31,584	41,020	51,811
110	132	150	162	193	206	219	240
11,550	12,418	13,262	14,051	12,253	10,806	12,681	...
31	43	57	53	53	64	58	...
369	395	464	416	453	459	570	550
5,631	5,465	5,329	5,853	5,890	5,374	5,822	6,191
1,261	1,170	1,120	1,110	1,008	1,080	1,220	...
8,479	8,263	7,976	6,432	5,459	5,394	7,144	8,645
27,572	28,167	28,158	28,667	26,285	25,511	32,559	43,874
91	71	74	79	83	72	75	...
1,849	1,831	1,820	1,867	1,843	1,857	2,058	...
21,132	18,815	20,319	21,994	20,121	24,219	34,953	49,750
9,955	8,549	10,287	10,398	9,242	9,178	13,006	19,288
40	42	38	31	40	40	48	...
58	59	63	67	70	58	68	...
1,398	1,438	...	...	...	...	...	...
56	50	49	51	51	47	62	77
195,964	189,555	195,213	210,497	217,553	225,017	276,453	247,226
1,928,800	1,806,600	1,751,100	1,858,900	1,890,200	2,061,700	2,410,300	...
10.2	10.5	11.1	11.3	11.5	10.9	11.5	...

Table 17.14 - MERCHANTISE EXPORTS, F.O.B.,
OF ASIA AND THE PACIFIC:
(In million

Country	1975	1976	1977	1978	1979	1980
Afghanistan	217	291	306	321	474	670
Bangladesh	327	401	476	548	659	758
Bhutan	...	...	...	...	...	15
Burma	160	193	208	233	383	472
Cambodia	19	...	...	...	...	...
China, Rep. of	7,689	6,943	7,520	9,955	13,614	18,099
Cook Islands	3	2	2	3	3	3
Fiji	170	135	180	198	257	377
Hongkong	6,027	8,484	9,616	11,488	15,144	19,730
India	4,355	5,549	6,378	6,671	7,806	8,586
Indonesia	7,102	8,547	10,853	11,643	15,591	21,909
Kiribati ¹	36	22	20	25	25	3
Korea, Rep. of	5,081	7,715	10,047	12,711	15,055	17,505
Lao PDR	3	7	9	8	19	28
Malaysia	3,843	5,295	6,079	7,404	11,079	12,945
Maldives	3	3	3	4	5	8
Nepal	100	98	81	91	109	80
Pakistan ²	1,052	1,167	1,188	1,475	2,056	2,618
Papua New Guinea	441	551	683	714	964	1,031
Philippines	2,294	2,555	3,127	3,401	4,567	5,741
Singapore	5,376	6,585	8,241	10,134	14,233	19,375
Solomon Islands	15	24	33	38	68	73
Sri Lanka	569	572	761	845	981	1,062
Taipei, China	5,303	8,155	9,345	12,641	16,070	19,775
Thailand	2,208	2,980	3,490	4,085	5,298	6,505
Tonga	6	4	7	6	8	8
Vanuatu	11	17	37	42	47	36
Vietnam	229	402	594	648	587	537
Western Samoa	7	7	15	11	18	17
(A) TOTAL (Reporting)	52,627	66,705	79,300	95,342	125,120	157,967
(B) TOTAL WORLD	821,900	933,500	1,058,800	1,224,000	1,552,900	1,892,100
(A)/(B) %	6.4	7.1	7.5	7.8	8.1	8.3

¹ Domestic export earning beginning from 1980 declined significantly due to the exhaustion of phosphate in Banabas Islands.

² Data exclude trade of former East Pakistan, and include trade with Bangladesh.

Source: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

OF SELECTED DEVELOPING COUNTRIES

1975 TO 1987

(US dollars)

1981	1982	1983	1984	1985	1986	1987	1988
694	708	729	633	557	552	...	...
791	769	725	931	999	880	887	1,316
20	17	16	18	22	...	...	...
477	394	378	379	331	300	219	...
...
21,465	21,872	22,177	24,831	27,327	31,148	39,542	...
4	4	3	4	3	3	7	...
311	284	241	256	237	276	260	...
21,808	20,984	21,954	28,317	30,184	35,440	48,475	63,165
8,295	9,358	9,148	9,451	9,214	9,352	11,353	...
22,260	22,293	21,152	21,902	18,590	14,824	17,135	...
4	2	4	11	4	2	2	...
21,254	21,853	24,445	29,245	30,283	34,715	47,281	60,697
23	40	41	44	54	58	49	52
11,770	12,030	14,104	16,484	15,441	13,874	17,923	...
9	10	13	18	23	25	31	...
140	88	94	128	160	142	151	163
2,883	2,397	3,077	2,558	2,740	3,384	4,172	4,408
839	774	824	914	910	1,033	1,255	...
5,655	4,968	4,890	5,274	4,607	4,770	5,649	7,074
20,967	20,788	21,833	24,070	22,812	22,495	28,692	39,324
66	58	62	93	70	66	64	...
1,088	1,031	1,063	1,467	1,333	1,215	1,393	...
22,521	22,091	25,094	30,424	30,696	39,756	53,559	69,495
7,031	6,945	6,368	7,413	7,121	8,794	11,665	15,703
9	4	6	7	5	5	7	...
32	23	30	44	30	14	17	...
467	595	538	595	646	...	...	...
11	13	18	20	30	11	12	15
170,893	170,390	179,022	205,534	204,441	223,358	289,800	252,412
1,857,900	1,728,400	1,677,500	1,777,500	1,799,400	1,992,100	2,358,200	...
9.2	9.9	10.7	11.6	11.4	11.2	12.3	...

Table 17.15 - TERMS OF TRADE OF SELECTED DEVELOPING COUNTRIES OF ASIA AND THE PACIFIC: 1977 TO 1988
 (1980 = 100)

Country	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Afghanistan	110	104	100	100	102	99	108	...	...	...	...	...
Bangladesh ¹	74	75	83	100	85	68	67	79	102	77	67	...
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...
Burma ²	85	84	89	100	103	83	83	87	74	60	56	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...
China, Rep. of	113	96	93	100	104	105	100	101	100	93	...	...
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	102	102	89	100	83	79	85	82	75	109	101	105
Hongkong	100	100	100	100	98	100	98	100	103	100	99	99
India ²	141	123	114	100	115	120	148	130	132	...	...	...
Indonesia	75	66	82	100	106	101	95	96	92	64	...	...
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...
Korea, Rep. of	113	118	114	100	98	102	103	106	106	116	119	122
Lao PDR	...	...	...	...	...	...	...	...	...	...	...	...
Malaysia ³	97	101	106	100	82	74	81	85	79	76	81	...
Maldives	...	...	...	...	...	...	...	...	...	...	...	...
Nepal	112	129	125	100	93	89	79	85	91	97	...	...
Pakistan ¹	98	95	113	100	87	77	77	83	81	78	84	84
Papua New Guinea	154	123	80	100	86	91	95	102	93	90	...	...
Philippines	169	181	119	100	85	87	79	86	89	98	93	...
Singapore	97	96	99	100	103	101	102	102	101	101	...	...
Solomon Islands	...	...	...	...	...	...	...	...	...	...	...	...
Sri Lanka	178	171	124	100	79	74	91	110	91	87	90	83
Taipei, China	115	114	109	100	98	100	104	105	109	120	126	122
Thailand	99	100	105	100	87	79	84	83	78	87	85	...
Tonga	123	108	146	100	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...	...	...	...	...
Vietnam	...	...	...	...	...	...	...	...	...	...	...	...
Western Samoa	160	147	152	100	...	...	...	...	...	...	...	...

¹Average for the fiscal year ending June 30.

²Average for the fiscal year beginning April 1.

³Peninsular Malaysia only.

Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Table 17.16 – IMPORTS OF PETROLEUM AND PETROLEUM PRODUCTS OF DEVELOPING COUNTRIES OF ASIA AND THE PACIFIC: 1977 TO 1988
(In million US dollars)

Country	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Afghanistan ¹	40	49	65	65	124	99	164	...	...	...	...	...
Bangladesh ¹	207	167	140	162	187	180	409	396	346	212	242	200
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...
Burma ¹	3	14	10	36	16	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...
China, Rep. of	...	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	1	1	2	2	5	2	4	2	3	...	...	...
Fiji	59	56	87	129	162	153	110	96	97	70	80	70
Hongkong	620	646	951	1,536	1,903	1,747	1,389	1,320	1,115	859	926	897
India ¹	1,617	1,893	3,095	5,500	6,273	5,995	4,672	4,731	4,244	1,893	3,078	2,935
Indonesia	735	583	797	1,754	1,727	3,544	4,144	1,147	979	964	1,079	970
Kiribati	2	2	3	3	4	4	2	3	2	...	...	...
Korea, Rep. of	2,065	2,312	3,416	6,164	6,918	6,740	6,195	6,395	6,144	3,841	4,569	3,800
Lao PDR	6	7	10	...	...	...	...	...	...	...	...	...
Malaysia	578	635	949	1,633	1,987	1,880	1,827	1,422	1,499	925	945	823
Maldives	...	...	...	...	...	...	10	7	7	...	...	...
Nepal ¹	20	21	19	34	47	43	48	46	50	50	98	50
Pakistan ¹	412	497	530	1,079	1,535	1,677	1,565	1,422	1,366	1,043	812	982
Papua New Guinea	...	...	...	202	270	198	230	200	153	93	150	150
Philippines	1,026	1,062	1,371	1,929	2,149	2,105	2,123	1,652	1,453	795	1,257	1,126
Singapore	2,674	3,114	4,448	6,954	9,387	9,566	8,803	7,946	7,736	5,045	5,943	6,168
Solomon Islands	4	4	7	12	17	15	16	20	14	12	13	12
Sri Lanka	163	156	254	494	449	587	469	471	404	227	306	238
Taipei, China	1,249	1,589	4,742	4,452	5,066	4,101	4,121	4,151	3,681	2,496	2,999	2,999
Thailand	1,024	1,124	1,599	2,868	2,984	2,642	2,481	2,426	2,082	1,225	1,710	1,581
Tonga	2	3	3	5	7	6	6	6	5	5	5	5
Vanuatu	...	...	4	7	6	7	6	6	6	5	8	7
Vietnam	...	...	...	...	...	...	...	...	...	...	...	...
Western Samoa	4	4	7	10	12	7	9	8	8	4	4	5
<i>Total (reporting)</i>	12,511	13,939	22,509	35,033	41,235	41,298	38,802	33,873	31,392	19,764	24,174	23,018

¹ Data refer to fiscal year.

Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Table 17.17 - SELECTED INDICATORS OF

Country	Economically active						Cropped land per capita		
	Economically active population (in percent)			population, in agri./econ. active Pop'n. (in percent)			1970	1980	1985
	1970	1980	1985	1970	1980	1985			
Afghanistan	30.3	29.9	30.1	66.1	61.0	57.9	0.60	0.50	0.49
Bangladesh	30.8	28.5	28.5	81.4	74.8	71.8	0.14	0.10	0.09
Bhutan	46.0	44.9	44.6	94.1	92.4	91.6	0.19	0.07	0.07
Burma	44.8	45.0	44.9	59.1	53.0	50.0	0.38	0.30	0.27
Cambodia	44.2	51.5	49.5	78.3	74.4	72.3	0.44	0.48	0.42
China, Rep. of	...	...	...	...	...	...	...	...	...
Cook Islands	49.3	...	...	34.1	...	...	0.30	0.34	0.35
Fiji	29.6	32.8	33.4	51.5	46.2	42.3	0.43	0.38	0.35
Hongkong	41.7	50.2	51.7	4.4	2.1	1.6	0.00	0.00	0.00
India	40.4	38.5	38.6	71.7	69.7	68.1	0.30	0.24	0.22
Indonesia	37.9	37.3	38.1	66.3	57.2	52.8	0.15	0.13	0.13
Kiribati	30.7	...	...	42.1	...	...	0.73	0.61	0.58
Korea, Rep. of	35.7	38.6	40.7	49.1	36.4	30.1	0.07	0.06	0.05
Lao PDR	53.3	49.9	48.9	78.9	75.7	73.7	0.28	0.24	0.22
Malaysia	34.0	38.8	39.7	53.8	41.6	36.7	0.36	0.31	0.28
Maldives	...	...	...	...	...	...	0.03	0.02	0.02
Nepal	44.8	41.9	41.7	93.6	93.0	92.4	0.17	0.16	0.14
Pakistan	29.4	29.5	299.7	58.9	54.6	52.1	0.29	0.24	0.20
Papua New Guinea	51.7	49.1	48.0	84.3	76.3	71.9	0.14	0.12	0.11
Philippines	36.6	36.3	36.5	54.8	51.8	49.2	0.19	0.16	0.14
Singapore	35.0	46.3	47.9	3.4	1.6	1.3	0.01	0.00	0.00
Solomon Islands	...	...	...	...	...	...	0.30	0.23	0.20
Sri Lanka	34.7	36.8	36.5	55.3	53.4	52.5	0.16	0.14	0.14
Taipei, China	31.7	45.0	...	44.4	28.3	...	0.11	0.08	...
Thailand	49.1	50.7	51.9	79.8	70.9	67.7	0.38	0.39	0.38
Tonga	...	...	...	...	...	...	0.62	0.55	0.50
Vanuatu	...	...	...	...	...	...	1.14	0.81	0.67
Vietnam	47.4	46.0	48.2	76.6	67.5	64.1	0.14	0.12	0.11
Western Samoa	25.8	...	...	66.9	...	...	0.80	0.79	0.75

SOCIAL DEVELOPMENT: 1970 TO 1985

Gross primary school enrollment ratio (%)				TV receivers (sets per 1,000 persons)			Daily newspaper circulation (copies per 1,000 persons)			Per capita energy consumption (Kg. coal equiv.)		
1970	1980	1985	1970	1980	1985	1970	1980	1985	1970	1980	1985	
28	34	...	...	3	7	8	4	...	50	52	103
54	62	60	0	1	3	...	6	...	0	44	57	
7	21	25	...	...	...	...	...	...	2	3	13
87	84	102	...	0	1	15	...	14	59	62	78	
...	...	...	...	6	7	10	...	...	60	4	29
110	118	...	1	27	...	...	...	19	374	571	681
...	98	...	...	...	...	48	...	...	190	526	...
101	110	...	...	...	...	31	...	98	450	546	412
117	109	105	112	221	240	501	...	560	956	1,448	1,683	
73	79	92	0	2	5	16	19	...	138	202	253	
77	101	118	1	10	...	...	...	14	115	230	269
112	100	...	...	...	...	...	...	...	204	207	156
102	101	96	12	164	189	136	192	...	654	1,373	1,586	
54	97	91	...	...	...	...	...	...	90	55	32
88	94	95	22	88	100	75	169	173	558	882	1,050	
...	61	...	...	6	18	...	...	6	0	39	169
26	91	79	...	...	1	2	...	7	14	13	26
40	56	47	2	10	14	...	...	18	82	191	241
52	65	64	...	...	...	...	...	9	149	279	300
108	110	106	11	21	27	14	37	37	267	346	248	
105	108	114	76	165	188	200	255	279	1,260	3,711	4,229	
61	60	...	...	...	...	...	...	...	117	208	237
99	100	103	...	2	...	49	...	106	121	110	113	
98	100	101	35	226	...	...	...	...	...	...	...
83	96	97	7	17	...	23	...	52	183	372	426	
140	77	...	...	...	...	...	...	...	141	198	202
...	...	...	...	...	...	...	...	...	221	246	197
91	113	100	27	26	...	...	...	8	297	122	118
75	80	...	1	16	31	55	...	...	112	306	350

Table 17.17 - SELECTED INDICATORS OF

Country	Urban population (in percent)			0-14			AGE DISTRIBUTION (%)		
	1970	1980	1985	1970	1980	1985	1970	1980	1985
							1970	1980	1985
Afghanistan	11.0	15.0	...	43.2	44.6	...	54.2	52.9	...
Bangladesh	7.6	11.0	18.0	46.2	41.3	45.0	51.1	55.9	53.0
Bhutan	3.1	22.0	4.0	41.7	39.2	41.0	55.1	56.2	56.0
Burma	22.8	27.0	24.0	40.3	41.0	42.0	56.3	55.4	55.0
Cambodia	13.0	...	...	...	...	...	...	...	...
China, Rep. of	...	20.6	22.0	37.6	30.9	30.0	57.2	63.3	65.0
Cook Islands	29.0	27.0	...	...	...	...	...	...	...
Fiji	34.8	41.4	...	43.5	35.6	38.0	54.0	60.9	59.0
Hongkong	89.7	90.0	93.0	37.0	27.7	24.0	59.0	65.8	68.0
India	19.8	22.0	25.0	42.7	39.3	40.0	54.1	57.6	56.0
Indonesia	17.1	20.0	25.0	44.0	40.9	41.0	53.4	55.7	55.0
Kiribati	29.7	36.0	...	...	41.1	39.0	...	55.3	56.0
Korea, Rep. of	41.1	57.3	64.0	42.1	33.8	34.0	54.6	62.3	62.0
Lao PDR	9.6	14.0	15.0	41.7	45.5	46.0	55.6	51.5	52.0
Malaysia	27.0	29.0	38.0	45.4	39.6	38.0	51.4	56.8	58.0
Maldives	...	20.7	...	44.3	44.5	45.0	53.7	...	53.0
Nepal	3.9	5.0	7.0	42.0	42.2	43.0	55.0	54.7	54.0
Pakistan	24.9	28.0	29.0	46.2	46.1	45.0	50.5	50.9	52.0
Papua New Guinea	11.0	18.0	14.0	42.0	41.8	43.0	54.9	54.9	54.0
Philippines	31.8	37.3	40.0	45.7	42.0	42.0	51.4	54.6	54.6
Singapore	100.0	100.0	100.0	38.8	27.1	24.4	57.9	68.2	70.4
Solomon Islands	9.3	23.2	...	44.6	...	49.0	51.9	...	48.0
Sri Lanka	21.9	27.0	21.0	39.0	39.0	35.0	56.8	56.8	62.0
Taipei, China	59.1	69.7	77.5	39.7	32.1	29.6	57.4	63.6	65.3
Thailand	13.2	14.0	18.0	46.2	40.4	38.0	50.7	56.3	58.0
Tonga	20.0	26.0	...	...	44.4	...	...	52.2	...
Vanuatu	15.1	32.2	...	...	...	46.0	...	...	52.0
Vietnam	18.3	19.0	20.0	...	41.7	42.0	...	54.3	54.0
Western Samoa	20.3	24.0	...	47.4	45.0	41.0	49.9	52.1	55.0

SOCIAL DEVELOPMENT: 1970 TO 1985 (continued)

65 & over			Expectation of life at birth (years)			Infant mortality (per 1,000 live births)			Persons per hospital bed		
1970	1980	1985	1970	1980	1985	1970	1980	1985	1970	1980	1985
2.6	2.5	...	36	37	...	211	205	...	7,051	3,126	...
2.6	2.8	3.0	45	46	51	150	136	123	8,122	4,290	3,600
3.0	4.6	3.0	34	44	44	173	150	133	...	1,940	...
3.3	3.8	4.0	49	54	59	128	101	66	1,180	1,373	1,100
...	...	...	...	...	...	...	...	...	893	...	...
5.0	5.5	5.0	61	64	69	69	56	35	760	490	500
...	...	...	65	65	...	36	37	...	101	119	...
2.4	3.5	3.0	61	68	...	50	34	...	340	380	400
3.9	6.6	7.0	71	74	76	20	13	9	240	242	200
3.0	3.1	4.0	47	52	57	139	123	89	1,650	1,422	1,300
2.5	3.4	4.0	47	52	55	141	108	96	1,650	1,720	1,800
...	3.6	6.0	54	52	63	59	87	...	74	...	200
3.3	3.9	4.0	59	65	69	51	37	33	1,901	983	588
2.6	2.7	3.0	40	43	45	186	129	151	1,130	...	...
3.0	3.5	4.0	64	68	70	39	24	16	388	668	400
2.0	...	2.0	47	47	...	106	88	...	...	3,530	...
2.9	3.0	3.0	41	46	47	173	150	133	5,628	5,293	5,700
3.1	2.7	3.0	46	50	51	143	126	115	1,860	1,719	1,800
3.0	3.3	4.0	46	51	53	125	105	68	150	240	200
2.9	3.4	3.4	56	62	63	60	45	38	911	550	625
3.3	4.7	5.2	68	72	73	20	12	9	301	299	318
3.5	...	3.0	51	57	...	52	52	...	120	150	200
4.2	4.2	4.0	64	66	70	59	44	36	325	349	300
3.0	4.3	5.1	69	72	73	17	11	7	2,494	446	270
3.0	3.1	3.0	58	63	64	75	55	43	890	654	700
...	3.3	...	56	58	...	16	60	...	354	330	300
...	...	3.0	...	54	...	...	42	...	90	150	200
...	4.0	4.0	55	63	65	79	62	49	641	270	300
2.7	3.6	4.0	61	65	...	48	13	...	220	230	200

**Table 17.17 – SELECTED INDICATORS OF SOCIAL DEVELOPMENT:
1970 to 1985 (continued)**

Country	Persons per Physician			Urban			Population with access to Safe water (%)		
	1970	1980	1985	1970	1980	1985	Rural		
							1970	1980	1985
Afghanistan	13,620	16,730	...	18	28	...	1	8	...
Bangladesh	8,430	8,195	6,723	13	26	29	47	40	43
Bhutan	...	18,160	11,300	...	50	50	...	5	5
Burma	8,830	4,591	3,722	35	38	38	13	15	15
Cambodia	15,297	...	...	...	...	...	...	...	...
China, Rep. of	3,690	1,810	...	...	...	81	...	...	40
Cook Islands	950	1,200	...	...	...	...	...	...	...
Fiji	2,120	2,230	...	78	94	94	15	66	66
Hongkong	1,520	1,387	1,117	93	100	100	49	95	95
India	4,890	3,600	...	60	77	80	6	31	47
Indonesia	26,510	11,408	7,952	10	40	40	1	...	32
Kiribati	2,000	1,933	...	...	...	93	...	...	25
Korea, Rep. of	1,773	1,493	1,284	84	86	86	38	61	61
Lao PDR	15,920	20,060	...	97	...	...	39	...	...
Malaysia	4,234	3,800	3,174	100	90	90	1	49	49
Maldives	30,250	17,670	...	...	11	53	...	3	8
Nepal	51,360	30,060	24,104	71	83	71	6	7	11
Pakistan	4,300	3,480	2,263	77	72	84	4	...	28
Papua New Guinea	11,630	16,880	...	49	55	55	10	10	10
Philippines	9,100	7,970	...	...	65	65	...	43	43
Singapore	1,522	1,222	972	96	100	...	...	...	...
Solomon Islands	4,420	7,700	8,438	...	91	91	...	20	20
Sri Lanka	5,950	7,170	7,364	46	65	76	14	18	26
Taipei, China	2,264	1,323	1,130	70	...	...	27	...	...
Thailand	8,430	6,839	5,978	60	65	...	10	63	...
Tonga	3,214	2,877	...	...	...	86	...	...	70
Vanuatu	3,310	5,364	...	...	65	65	...	53	53
Vietnam	8,782	4,190	...	...	...	90	...	...	30
Western Samoa	2,840	2,790	...	86	97	97	...	94	94

Source: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

**Table 17.18 - DAILY CAPITA PROTEIN AND CALORIE SUPPLIES
FOR SELECTED DEVELOPING COUNTRIES OF ASIA
AND THE PACIFIC: 1965 to 1985**

Country	Protein (grams)					Calorie (calories)				
	1965	1970	1975	1980	1985	1965	1970	1975	1980	1985
Afghanistan	...	...	...	...	...	2,120	1,960	2,010	2,220	2,180
Bangladesh	41	45	39	39	41	1,960	2,100	1,760	1,820	1,922
Bhutan	...	...	...	...	...	...	...	...	...	...
Burma	45	55	57	62	70	2,020	2,180	2,220	2,360	2,592
Cambodia	56	50	42	43	49	2,160	...	1,710	1,820	2,170
China, Rep. of	...	50	52	55	59	...	2,110	2,210	2,290	2,560
Cook Islands	...	...	...	...	...	...	...	...	...	...
Fiji	...	50	57	65	64	...	2,390	2,540	2,740	2,901
Hongkong	65	80	79	85	85	2,370	2,690	2,580	2,710	2,728
India	55	50	45	48	54	2,150	2,000	1,790	2,010	2,204
Indonesia	42	41	42	50	53	1,920	1,970	2,040	2,420	2,513
Kiribati	...	37	58	67	68	...	1,940	2,160	2,670	2,936
Korea, Rep. of	59	64	74	75	78	2,280	2,580	2,700	2,810	2,875
Lao PDR	45	57	49	56	61	2,080	2,130	1,840	2,100	2,320
Malaysia	52	52	54	58	61	2,310	2,530	2,540	2,640	2,723
Maldives	...	57	62	54	...	...	1,800	1,750	1,980	1,950
Nepal	51	50	49	51	52	2,020	2,070	2,030	1,960	2,050
Pakistan	59	58	59	58	59	2,190	2,210	2,210	2,190	2,244
Papua New Guinea	44	46	43	45	...	...	2,200	2,220	2,180	2,140
Philippines	...	47	49	53	53	1,890	1,960	2,050	2,380	2,353
Singapore	63	74	78	71	79	2,430	2,800	2,850	2,650	2,854
Solomon Islands	...	41	38	54	55	...	2,130	1,980	2,120	2,163
Sri Lanka	47	47	40	44	48	2,080	2,400	2,020	2,240	2,436
Taipei, China	61	72	75	78	...	2,270	2,660	2,720	2,810	...
Thailand	48	49	48	46	49	2,190	2,260	2,330	2,320	2,328
Tonga	...	41	59	73	64	...	2,540	3,050	2,850	2,942
Vanuatu	...	62	65	66	65	...	2,430	2,400	2,420	2,344
Vietnam	52	54	52	46	48	2,260	2,250	2,100	2,040	2,280
Western Samoa	...	53	54	58	...	...	2,100	2,260	2,400	2,462

Figures are rounded to the nearest ten.

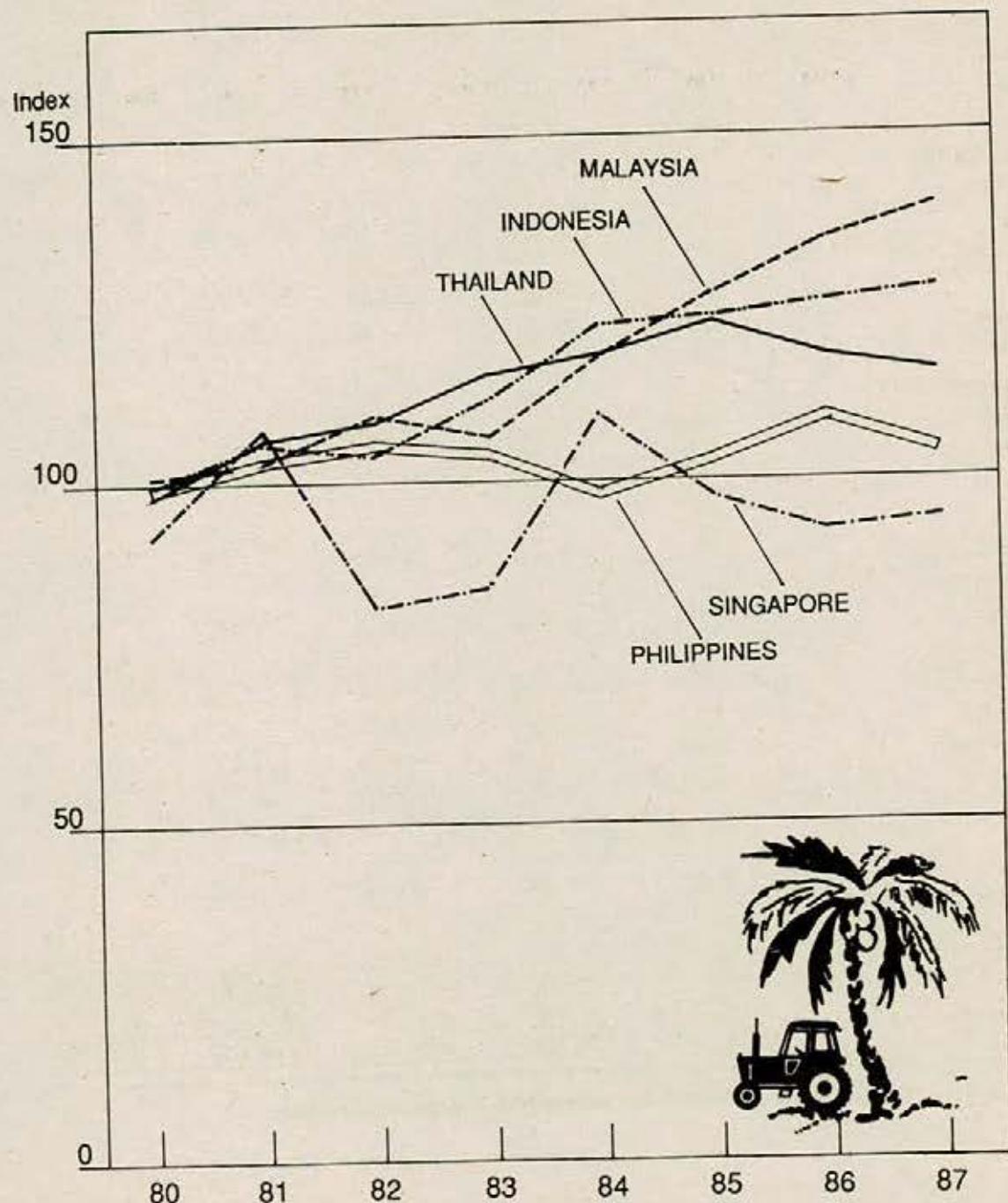
Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Table 17.19 - GENERAL INDEX OF AGRICULTURAL PRODUCTION: 1976 TO 1988
 (1979-81 = 100)

Country	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Afghanistan	108	95	100	99	96	102	102	103	103	103	102	104	100
Bangladesh	87	95	99	98	101	101	105	107	109	114	114	112	109
Bhutan	91	93	95	97	100	102	104	107	117	118	123	141	145
Burma	83	87	92	94	99	107	117	122	129	138	139	139	144
Cambodia	143	147	126	83	113	104	117	140	155	168	170	168	177
China, Rep. of	84	83	92	98	99	103	113	122	131	134	139	141	...
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	75	82	83	104	93	103	107	78	116	94	112	89	90
Hongkong	142	94	80	99	89	112	71	60	81	57	30	48	51
India	90	97	101	96	98	106	104	118	121	123	122	118	127
Indonesia	80	83	88	93	101	107	107	113	123	126	131	130	135
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...
Korea, Rep. of	99	105	112	113	89	98	102	103	108	110	110	104	107
Lao PDR	67	72	75	88	101	111	111	116	129	137	145	136	149
Malaysia	89	89	89	95	101	104	111	108	122	135	139	143	150
Maldives	93	104	96	89	106	106	110	118	120	122	126	128	...
Nepal	97	95	98	94	102	105	98	115	115	116	111	122	120
Pakistan	85	88	89	96	99	105	109	109	117	122	133	135	141
Papua New Guinea	90	91	94	96	100	104	102	106	108	110	112	117	119
Philippines	88	88	94	95	100	105	105	104	102	101	104	104	104
Singapore	102	119	106	93	95	112	88	91	110	99	96	91	90
Solomon Islands	69	79	87	97	95	108	109	111	117	119	107	116	118
Sri Lanka	80	85	91	99	100	101	100	107	101	110	109	100	105
Taipei, China	89	97	101	106	99	95	96	96	104	105	103	106	...
Thailand	88	87	98	95	101	104	107	112	115	121	116	114	121
Tonga	102	95	92	95	101	104	98	97	98	100	105	106	108
Vanuatu	89	98	103	103	90	107	94	103	113	104	110	104	101
Vietnam	81	84	89	93	102	105	109	115	122	125	133	133	137
Western Samoa	96	100	98	98	101	101	99	98	97	106	96	81	...
ASIA	87	90	95	97	99	104	108	115	121	123	125	126	129
WORLD	91	93	97	98	99	103	106	106	111	114	115	115	115

Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Figure 17.4 Index Numbers of Agricultural Production in Selected Countries, 1980 - 1987
(1979 - 81 = 100)



**Table 17.20 - RICE (PADDY) PRODUCTION OF
OF ASIA AND THE
(In thousands)**

Country	1976	1977	1978	1979	1980
Afghanistan	448	400	428	439	461
Bangladesh	17,628	19,451	19,582	19,109	20,821
Bhutan	52	53	54	55	57
Burma	9,319	9,462	10,528	10,448	13,317
Cambodia	1,700	1,800	1,500	850	1,470
China, Republic of	125,805	128,565	136,930	143,750	139,910
Cook Islands	...	...	...	...	...
Fiji	21	18	16	19	18
Hongkong	3	1	0	0	0
India	63,052	79,006	80,608	63,476	80,312
Indonesia	23,301	23,347	25,781	26,283	29,652
Kiribati	...	...	...	...	...
Korea, Republic of	7,249	8,348	8,532	7,881	5,311
Lao PDR	661	693	724	867	1,053
Malaysia	1,995	1,898	1,498	2,095	2,045
Maldives	...	...	...	...	...
Nepal	2,386	2,282	2,339	2,060	2,464
Pakistan	4,106	4,424	4,908	4,824	4,685
Papua New Guinea	2	1	1	1	1
Philippines	6,741	7,199	7,515	7,836	7,723
Singapore	...	...	...	...	...
Solomon Islands	4	6	8	10	14
Sri Lanka	1,253	1,677	1,890	1,917	2,133
Taipei, China	3,554	3,470	3,202	3,209	3,083
Thailand	15,068	13,921	17,470	15,758	17,368
Tonga	...	...	...	...	...
Vanuatu	...	...	...	...	...
Vietnam	11,866	10,885	10,040	10,758	11,679
Western Samoa	...	...	...	...	...
TOTAL (Reporting)	296,214	316,907	333,554	321,645	343,577
ASIA	339,910	355,240	342,950	362,420	374,070
WORLD	371,550	387,080	376,750	399,360	411,570

Source: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

SELECTED DEVELOPING COUNTRIES

PACIFIC: 1976 TO 1988

metric tons)

1981	1982	1983	1984	1985	1986	1987	1988
475	473	479	480	480	480	482	490
20,446	21,325	21,761	21,935	22,562	23,109	23,110	21,900
57	58	60	66	68	73	84	87
14,147	14,373	14,288	14,255	14,317	14,126	13,722	4,100
1,160	1,400	1,700	1,970	2,100	2,000	1,855	2,000
143,955	161,600	168,865	178,255	168,569	172,224	174,420	171,000
...
17	20	16	22	28	25	23	24
0	0	0	0	0	0	0	0
79,883	70,772	90,048	88,284	96,001	89,368	81,860	94,500
32,774	33,878	35,303	38,136	39,033	39,388	40,372	41,400
...
7,149	7,308	7,608	7,970	7,855	7,872	7,596	7,800
1,155	1,092	1,101	1,321	1,395	1,449	1,183	1,400
2,020	1,884	1,734	1,572	1,953	1,855	1,842	1,875
...	...	...	...	...	55	...	...
2,560	1,833	2,757	2,709	2,804	2,372	2,982	2,430
5,145	5,167	5,009	4,973	4,378	5,230	4,768	5,150
0	1	1	1	1	1	1	1
8,122	7,731	7,841	7,829	8,806	9,247	8,540	9,044
...
14	11	9	7	6	2	2	2
2,229	2,156	2,484	2,414	2,661	2,588	2,128	2,397
3,087	3,248	3,231	2,938	2,847	2,566	2,403	2,365
17,774	16,878	19,047	19,905	20,264	18,868	18,042	20,494
...
...
12,552	14,169	14,732	15,506	15,875	16,003	15,400	15,400
...
354,721	365,377	398,074	410,549	412,003	408,876	400,815	413,859
374,804	385,553	418,029	432,819	434,541	431,653	422,666	434,882
412,581	424,352	451,289	470,438	472,877	470,944	461,998	476,998

**Table 17.21 - CORN PRODUCTION OF
OF ASIA AND THE
(In thousand)**

Country	1976	1977	1978	1979	1980
Afghanistan	800	760	780	760	797
Bangladesh	2	2	2	2	1
Bhutan	72	73	75	76	78
Burma	58	75	77	126	166
Cambodia	75	80	80	70	100
China, Republic of	48,150	49,400	55,950	60,040	62,600
Cook Islands	...	...	...	...	...
Fiji	1	0	1	1	1
Hongkong	...	...	...	...	...
India	6,361	5,973	6,199	5,603	6,957
Indonesia	2,572	3,143	4,029	3,606	3,991
Kiribati	...	...	...	...	...
Korea, Republic of	70	83	100	149	154
Lao PDR	30	35	30	32	28
Malaysia	26	18	12	8	8
Maldives	0	0	0	0	0
Nepal	797	740	743	576	743
Pakistan	764	821	799	875	970
Papua New Guinea	0	1	1	1	2
Philippines	2,775	2,796	3,065	3,123	3,110
Singapore	...	...	...	...	...
Solomon Islands	...	...	...	...	...
Sri Lanka	29	19	20	22	23
Taipei, China	114	95	107	98	115
Thailand	2,675	1,677	2,791	2,863	2,998
Tonga	...	...	...	...	...
Vanuatu	1	1	1	1	1
Vietnam	382	408	485	475	418
Western Samoa	...	...	...	...	...
TOTAL (Reporting)	65,754	66,200	75,347	78,507	83,261
ASIA	69,041	69,594	78,914	81,965	86,949
WORLD	350,340	370,230	394,639	419,656	396,026

Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Table 17.22 - MANUFACTURING PRODUCTION INDEX
OF ASIA AND THE PACIFIC
(1980 = 100)

Country	1976	1977	1978	1979	1980	1981	1982
Afghanistan	...	...	...	...	...	...	...
Bangladesh	80	86	95	100	100	108	112
Bhutan	...	...	...	...	...	...	...
Burma	82	88	90	93	100	107	105
Cambodia	...	...	...	...	...	...	...
China, Rep. of	...	83	94	100	100	92	100
Cook Islands	...	...	...	...	...	...	...
Fiji	80	88	92	91	100	110	109
Hongkong	...	...	...	...	...	...	...
India	88	93	99	99	100	108	112
Indonesia	56	75	75	81	100	110	110
Kiribati	...	...	...	...	...	...	...
Korea, Rep. of	61	73	91	102	100	113	120
Lao PDR	...	...	...	...	...	...	...
Malaysia	71	78	85	92	100	103	109
Maldives	...	...	...	...	...	...	...
Nepal	76	80	97	94	100	100	112
Pakistan	76	76	83	89	100	111	129
Papua New Guinea	...	...	...	...	...	...	...
Philippines	59	60	63	79	100	116	131
Singapore	64	69	77	89	100	110	104
Solomon Islands	...	...	...	...	...	...	...
Sri Lanka	...	...	...	...	...	...	...
Taipei, China	63	72	89	94	100	104	105
Thailand	69	79	86	96	100	107	112
Tonga	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...
Vietnam	...	...	...	...	...	...	...
Western Samoa	...	...	...	...	...	...	...

Source: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

ELECTED DEVELOPING COUNTRIES

PACIFIC: 1976 TO 1988

(metric tons)

1981	1982	1983	1984	1985	1986	1987	1988
798	800	798	799	810	820	815	839
1	1	1	1	1	1	1	1
81	81	83	80	76	74	85	85
206	239	310	303	299	285	277	300
98	46	80	90	92	98	95	100
59,210	60,560	68,210	73,410	63,826	70,856	79,820	73,800
...
1	1	2	2	2	2	2	2
...
6,897	6,548	7,922	8,442	6,644	7,457	5,500	7,500
4,509	3,235	5,087	5,288	4,330	5,920	5,155	6,229
...
145	117	101	133	132	113	127	130
33	35	32	34	36	38	42	40
8	9	20	22	24	26	30	31
0	0	0	0	0	0	0	0
752	718	761	820	874	868	902	930
930	1,005	1,014	1,028	1,009	1,111	1,126	1,180
1	1	1	1	1	1	1	1
3,290	3,126	3,346	3,450	3,863	4,091	4,278	4,400
...
...
24	24	29	38	30	41	42	44
96	118	143	190	226	272	298	320
3,449	3,002	3,552	4,226	4,934	4,309	2,781	5,166
...
1	1	1	1	1	1	...	1
416	437	467	525	587	570	550	580
...
80,946	80,104	91,960	98,683	87,797	96,944	101,928	101,679
84,609	84,000	96,155	103,003	92,629	102,263	107,497	106,919
450,418	450,332	347,922	452,949	487,761	484,766	458,888	394,364

FOR SELECTED DEVELOPING COUNTRIES
PACIFIC: 1976 TO 1988
 (100)

1983	1984	1985	1986	1987	1988	Average Annual Growth Rate (%)		
						1975-79	1980-84	1985-87
...
103	108	111	109	118	114	5.8	1.6	3.6
...
116	124	133	...	...	...	6.0	5.8	6.1
...
125	149	177	138	233	281	10.1	8.9	11.1
...
97	116	103	123	110	...	4.5	5.4	5.2
...
116	126	138	147	164	...	5.4	4.9	5.4
118	124	133	142	149	...	12.8	9.0	9.5
...
139	161	167	203	242	275	21.4	9.7	15.1
...
116	130	121	130	147	...	9.3	7.1	7.3
...
134	145	143	170	220	230	8.1	9.2	...
137	148	159	171	183	202	5.7	10.8	8.4
...
153	207	241	291	...	...	10.0	21.7	15.0
106	115	107	116	136	161	9.4	5.5	7.2
...
...
121	132	134	154	182	189	15.3	7.1	11.3
120	128	130	138	152	171	11.8	6.1	8.1
...
...
...

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