NSCB LIBRARY

NATIONAL STATISTICAL COORDINATION BOARD
ARCHIVES

1990 Philippine Statistical Yearbook

Republic of the Philippines
NATIONAL STATISTICAL COORDINATION BOARD

NATIONAL STATISTICAL COORDINATION BOARD
ARCHIVES

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 1990 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.

PABLO Q. SAMSON
Secretary General

November 1990

The NSCB Board

DIRECTOR GENERAL OF THE NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY
Chairman

UNDERSECRETARY OF THE DEPARTMENT OF BUDGET AND MANAGEMENT
Vice Chairman

Members of the Board

Undersecretaries of the:

Department of Agriculture
Department of Agrarian Reform
Department of Education, Culture and Sports
Department of Environment and Natural Resources
Department of Finance
Department of Foreign Affairs
Department of Health
Department of Justice
Department of Labor and Employment
Department of Local Government
Department of National Defense
Department of Public Works and Highways
Department of Science and Technology
Department of Social Welfare and Development
Department of Trade and Industry
Department of Transportation and Communication

Deputy Governor of the Central Bank of the Philippines
Administrator of the National Statistics Office
Secretary General of the National Statistical Coordination Board
Secretary General of the Philippine Chamber of Commerce and Industry
Director of the Statistical Research and Training Center
Governor of the League of Provinces

Technical Staff

Assistant Secretary General of the National Statistical Coordination Board (NSCB)
Director of the Statistical Programs and Resource Management Office, NSCB
Director of the Economic and Social Statistics Office, NSCB
Deputy Administrator of the National Statistics Office
Director of the Project Monitoring Staff, National Economic and Development Authority
Director of the Bureau of Agricultural Statistics
Director of the Bureau of Labor and Employment Statistics

NATIONAL STATISTICAL COORDINATION BOARD

OFFICIALS

PABLO Q. SAMSON
Secretary General

Assistant Secretary General

Statistical Programs and Resource Management Office

MILAGROS O. DELA CRUZ
Director

FRANCISCO K. MALLION
Assistant Director

CHITA S. MARZAN
Chief, Macro Division

GERVACIO G. SELDA, Jr.
Chief, Economic Sector A Division

SANDRA B. CATRAL
Chief, Economic Sector B Division

LINA V. CASTRO
Chief, Social Sector Division

CLAVEL R. VERGARA
Chief, Classification and Standards Division

Economic and Social Statistics Office

CORAZON R. BUENAVENTURA
Director

CARMELITA N. ERICTA
Assistant Director

ESTRELLA V. DOMINGO
Chief, Agro-Industrial Division

MARIEL M. REMULLA
Chief, Public and Private Services Division

REGINA C. JUINIO
Chief, Economic Indicators and Consolidation Division

OLIVIA C. BERNARDO
Chief, Population, Employment and Income Division

VIRGINIA N. GAÑAC
Chief, Health, Education and Social Welfare Division

SIMEON B. SIBALA
Administrative Officer

STATISTICAL INFORMATION MANAGEMENT SERVICE

ANTONIO B. FUENTES
Information Technology Officer II

CORAZON C. BULOS
Information Officer III

EUNICE N. TAMBASEN
Information Officer II

GLORIA A. PREPOSE
Information Officer II

MYRNA M. GUTIERREZ
Statistical Coordination Officer II

MAXIMA Q. NUÑEZ
Information Systems Analyst III

ENRICO O. BELARMINO
Information Systems Analyst II

JEAN V. BERINGUELA
Information Systems Analyst II

LOLITA C. VELASQUEZ
Statistical Coordination Officer II

Ma. LIBERTIE P. VILLARUEL
Statistical Coordination Officer I

CONTENTS

Foreword			iii
The NSCB Board			v
The NSCB Officials			vii
The Statistical Information Management Service			viii
Standard Symbols used			x
Summary of Major Statistical Series			1
Chapter	1	POPULATION and HOUSING	1-1
Chapter	2	INCOME and PRICES	2-1
Chapter	3	ECONOMIC ACCOUNTS	3-1
Chapter	4	NATURAL RESOURCES	4-1
Chapter	5	AGRICULTURE	5-1
Chapter	6	ESTABLISHMENT CHARACTERISTICS: INDUSTRIAL SECTOR	6-1
Chapter	7	FOREIGN TRADE	7-1
Chapter	8	TOURISM	8-1
Chapter	9	VITAL, HEALTH and NUTRITION STATISTICS	9-1
Chapter	10	EDUCATION	10-1
Chapter	11	LABOR AND EMPLOYMENT	11-1
Chapter	12	SOCIAL SERVICES	12-1
Chapter	13	TRANSPORTATION and COMMUNICATION	13-1
Chapter	14	ENERGY and WATER RESOURCES	14-1
Chapter	15	PUBLIC FINANCE	15-1
Chapter	16	MONEY and BANKING	16-1
Chapter	17	INTERNATIONAL STATISTICS	17-1
Chapter	18	PUBLIC ORDER, SAFETY and JUSTICE	18-1
Chapter	19	SCIENCE and TECHNOLOGY	19-1

Standard Symbols Used

The following standard symbols are used in this publication:

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

SUMMARY OF MAJOR STATISTICAL SERIES

SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 1. Population and Housing Statistics					
1. Population (1,000 persons)	May 1, 1990	60,477.0	May 1, 1980	48,098.0	25.7
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, 1990	60,477	May 1, 1980	48,098	25.7
Metropolitan Manila Area (National Capital Region)		7,832		5,926	32.2
CAR		1,150		–	
Region 1		3,548		3,541	0.2
Region 2		2,341		2,216	5.6
Region 3		6,191		4,803	28.9
Region 4		8,263		6,119	35.0
Region 5		3,911		3,477	12.5
Region 6		5,379		4,526	18.8
Region 7		4,593		3,787	21.3
Region 8		3,048		2,800	8.9
Region 9		3,145		2,528	24.4
Region 10		3,503		2,759	27.0
Region 11		4,454		3,347	33.1
Region 12		3,121		2,271	37.4
4. Total City population (1,000 persons)	May 1, 1990	12,917	May 1, 1980	10,182	26.9
Ten most populous cities		7,238		5,730	26.3
Manila		1,587		1,630	(2.6)
Quezon		1,632		1,166	40.0
Davao		850		610	39.3
Cebu		610		490	24.5
Caloocan		746		468	59.4
Zamboanga		444		344	29.1
Pasay		354		288	22.9
Bacolod		364		262	38.9
Iloilo		311		245	26.9
Cagayan de Oro		340		227	49.8

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 2. Income and Prices					
1. Average family income (pesos)					
Philippines	1988	35,531	1985	31,052	14.4
Urban		53,048		46,127	39.0
Metropolitan Manila Area		64,118		57,193	(100.0)
Rural		24,870		21,875	13.7
2. Consumer price index for all items (1978=100)	Sept. 1990		June 1989		
Philippines		505.8		439.4	15.1
Metropolitan Manila Area (National Capital Region)		569.2		475.8	19.6
Areas Outside Metropolitan Manila		493.6		432.4	-14.2
CAR		509.4		435.0	
Region 1		489.7		419.4	16.8
Region 2		493.8		407.0	21.3
Region 3		514.9		453.3	13.6
Region 4		490.3		423.9	15.7
Region 5		490.7		434.8	12.9
Region 6		511.6		441.0	16.0
Region 7		498.3		438.1	13.7
Region 8		458.8		421.5	8.8
Region 9		454.4		411.5	10.4
Region 10		489.5		443.8	10.3
Region 11		503.8		437.4	15.2
Region 12		475.4		423.8	12.2
Chapter 3. Economic Accounts					
1. Gross national product (million pesos)	1989		1988		
At current prices		961,376		822,870	16.8
At 1972 prices		106,830		101,093	5.7

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
2. Gross domestic product by industrial origin (million pesos at 1972 prices)	1989	107,143	1988	101,450	5.6
Agriculture, fishery and forestry		28,986		27,793	4.3
Mining and quarrying		1,563		1,615	(3.2)
Manufacturing		26,886		25,281	6.3
Construction		4,947		4,344	13.9
Electricity, gas, and water		2,137		1,995	7.1
Transport, communication and storage		5,761		5,487	5.0
Trade		16,795		15,998	5.0
Finance and Housing		6,843		6,250	9.5
Private Services		6,767		6,445	
Government Services		6,458		6,242	3.5
3. Expenditures on gross domestic product at 1972 prices (million pesos)	1989	101,534	1988	95,463	6.4
Personal consumption expenditures		78,929		74,646	5.7
General government expenditures		10,358		9,409	10.1
Gross domestic capital formation		18,283		15,926	14.8
Construction		7,752		6,836	13.4
Durable equipment		9,111		7,038	29.5
Increase in stocks		1,420		2,052	(30.8)
Exports		29,167		26,931	8.3
(Less) imports		33,942		26,670	27.3
4. Per capita national income(pesos)	1989		1988		
At current prices		13,211		11,584	14.0
At 1972 prices		1,463		1,422	2.9
5. Per capita private (personal) consumption expenditure (pesos)	1989		1988		
At current prices		10,274		10,274	0.0
At 1972 prices		1,277		1,277	0.0

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 4. Natural Resources					
1. Classified land area (1,000 hectares)					
Alienable and disposable	1989	14,117,729	1988	14,117,753	(0.0)
Forest land		15,882,271		15,001,090	5.9
2. Fish production (1,000 m.t.)	1989	2,366.6	1988	2,299.7	2.9
Commercial fishing		624.7		600.0	4.1
Aquaculture		637.3		599.5	6.3
Municipal fishing and sustenance fishing		1,104.6		1,068.5	3.4
3. Value of fishing production (million pesos)	1989	46,591.8	1988	42,118.2	10.6
Commercial fishing		11,168.8		10,272.0	8.7
Aquaculture		17,162.7		15,213.0	12.8
Municipal fishing and sustenance fishing		18,260.3		16,633.1	9.8
4. Production of logs, lumber, plywood and veneer (1,000 m)	1989		1988		
Logs		2,605		3,809	(31.6)
Lumber		784		1,033	(24.1)
Plywood		288		415	(30.6)
Veneer		40		85	(52.9)
Chapter 5. Agriculture					
1. Production of agricultural crops (1,000 m.t.)	Crop year 1989	60,373	Crop year 1988	58,147	3.8
Cereals		13,981		13,399	4.3
Palay		9,459		8,971	5.4
Corn		4,522		4,428	2.1
Major crops		37,814		36,474	3.7
Coconut		11,810		12,482	(5.4)
Sugarcane		17,591		15,722	11.9
Banana		3,190		3,067	4.0
Pineapple		1,179		1,181	(0.2)
Coffee		156		142	9.9
Other Major crops		3,888		3,880	0.2
Other crops		8,578		8,274	3.7

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Value of production of agricultural crops (million P)	Crop year 1989	147,854	Crop year 1988	124,443	18.8
Cereals		57,048		43,186	32.1
Palay		39669		30613	29.6
Corn		17379		12573	38.2
Major crops		64,051		57,037	12.3
Coconut		22,440		19,222	16.7
Sugarcane		10,203		8,332	22.5
Banana		5,009		4,754	5.4
Pineapple		5,328		3,768	41.4
Coffee		3,325		3,881	(14.3)
Others major crops		17,746		17,080	3.9
Others crops		26,755		24,220	10.5
Chapter 6. Establishment Characteristics; Industrial Sector					
1. Number of newly registered corporations and partnerships	1989		1988		
Corporations		9,099		7,809	16.5
Partnerships		1,355		1,224	10.7
2. Capital increases & withdrawals of corporations & partnerships (million pesos)	1989		1988		
Increases		13,890.4		8,252.1	68.3
Withdrawals		403.5		565.9	(28.7)
Net effect		13,486.9		7,686.2	75.5
3. Amount of investments approved under E.O. 226 (million pesos)	1989	39,684.3	1988	16,944.6	134.2
Local		22,203.9		7,421.2	199.2
Foreign		17,480.4		9,523.4	83.6
4. Value of manufacturing output (million pesos)	1987	129,904	1986	108,216	20.0
Food		69,594		59,861	16.3
Beverages & Tobacco		35,127		29,872	17.6
Textiles		15,325		11,584	32.3
Footwear & wearing apparel		9,858		6,899	42.9

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Wood and cork	1987	7,766	1986	6,241	24.4
Furniture and fixtures		2,078		1,469	41.5
Paper & Printing		10,814		10,768	0.4
Leather		266		195	36.4
Rubber		4,314		3,337	29.3
Chemicals		22,769		27,066	(15.9)
Petroleum and coal		44,587		38,348	16.3
Non-metallic mineral products		8,121		1,049	674.2
Basic metal		22,604		19,272	17.3
Metal products		4,363		3,595	21.4
Machinery except electrical		2,483		1,553	59.9
Electrical machinery		18,952		14,102	34.4
Transport equipment		4,361		2,606	67.3
Miscellaneous		1,404		1,219	15.2
Value of mining production (million pesos)	1989		1988		
Precious metal		8,078.0		9,067.0	(10.9)
Base metals		9,353.0		8,561.0	9.3
Non-metallics		3,620.0		2,715.0	33.3
Other minerals		876.0		1,417.0	(38.2)
Value of private building construction (million pesos)	1989	30,105.9	1988	17,341.8	73.6
National Capital Region		21,344.3		10,690.7	99.7
Rest of the Regions		8,761.6		6,651.1	31.7
Residential buildings		17,488.1		6,933.8	152.2
N C R		13,048.9		3,800.8	243.3
Rest of the Regions		4,439.2		3,133.0	41.7
Non-residential buildings		10,784.2		7,389.1	45.9
N C R		7,077.8		4,507.8	57.0
Rest of the Regions		3,706.4		2,881.3	28.6
Additions/alterations		1,833.5		3,018.9	(39.3)
N C R		1,217.6		2,336.5	(47.9)
Rest of the Regions		615.9		682.4	(9.7)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 7. Foreign Trade, Balance of Payments					
1. Direction of external trade (million US dollars)	1989		1988		
Exports		7,820.7		7,074.2	10.6
Imports		10,418.8		8,159.4	27.7
Balance of trade (all countries)		(2,598.1)		(1,085.2)	139.4
2. Total exports (million US dollars)	1989	7,821.1	1988	7,074.2	10.6
Ten principal exports		1,401.2		1,311.4	6.8
Copra		25.2		28.0	(10.0)
Sugar		80.0		60.2	32.9
Banana		146.4		146.0	0.3
Logs and lumber		238.4		157.2	51.7
Desiccated coconut		75.7		78.3	(3.3)
Coconut oil		376.8		408.1	(8)
Pineapples, canned		94.3		83.2	13
Gold		109.4		118.0	(7)
Abaca (unmanufactured)		17.6		16.3	8
Copper concentrates		237.4		216.2	10
3. Imports by end use (million US dollars)	1989	10,418.8	1988	8,159.4	28
Producer goods		9,731.4		7,590.6	28
Machinery and equipment		1,105.8		837.4	32
Unprocessed raw materials		1,791.8		1,386.3	29
Semi-processed raw materials		6,329.2		4,982.5	27
Supplies		504.6		384.4	31
Consumer goods		687.4		568.9	21
Durable		61.5		37.8	63
Non-durable		624		531	17
4. Balance of payments (million US $)	1989	451	1988	650	(31)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 8. Tourism					
	1989		1988		
1. Number of visitor arrivals		1,189,719		1,043,114	14.1
2. Total tourist receipts (thousand dollars)		469,000		405,000	15.8
Chapter 9. Vital, Health and Nutrition Statistics					
1. Crude birth and death rates (per 1,000 population)	1987		1986		
Birth rate		27.6		26.7	3.4
Death rate		5.8		5.8	0.0
2. Number of registered marriages	1988	393,514	1987	400,760	(1.8)
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
Vegetables		99.7		95.0	4.9
Fruits		146.9		149.5	(1.7)
Meat products		56.2		51.2	9.8
Milk and milk products		74.3		75.1	(1.1)
Eggs		11.3		11.3	0.0
Fish and other marine products		90.4		89.5	1.0
Fats and oil		14.5		12.7	14.2
Miscellaneous food		131.8		118.1	11.6
4. Calorie and nutrient values of available food supply (daily per capi	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	1989	84,985	1988	85,953	(1.1)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
6. Number of hospitals	1989	1,696	1988	1,766	(4.0)
7. Number of government medical practitioners	1989	33,249	1988	32,775	1.4
8. Number of health stations					
Barangay	1989	9,145	1988	9,184	(0.4)
Rural	1988	2,072	1987	1,963	5.6
Chapter 10. Education					
1. Number of government and private schools	SY 1988-89		SY 1987-88		
Pre-School		3,691		2,572	43.5
Elementary		34,526		33,544	2.9
Secondary		5,496		5,410	1.6
Tertiary		1,675		1,606	4.3
2. Enrolment in government and private schools (in thousand)	SY 1988-89		SY 1987-88		
Pre-school		274.1		204.9	33.8
Elementary		9,972.6		9,601.3	3.9
Secondary		3,737.1		3,494.5	6.9
Tertiary		1,308.0			
3. Number of graduates					
Tertiary	SY 1988-89	227,118	SY 1987-88	159,524	42.4
Non-formal (LSD)	1989	269,011	1988	346,867	(22.4)
Chapter 11. Labor and Employment					
1. Total labor force (1,000 persons)	1989	23,859	1988	23,452	1.7
Employed		21,849		21,498	1.6
Unemployed		2,010		1,954	2.9
2. Labor force participation rate (percent)					
Philippines	1989	64.4	1988	65.4	(1.5)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Filipino workers sent overseas during the year by major occupation group(land-based)	1987	425,881	1986	357,687	19.1
Professional, technical and related workers		112,236		87,569	28.2
Managerial, executive, administrative workers		1,675		1,317	27.2
Clerical workers		15,929		15,261	4.4
Sales workers		4,268		3,562	19.8
Service workers		144,542		117,127	23.4
Agricultural, animal husbandry, forestry workers and fishermen		2,690		1,557	72.8
Production process workers, transport equipment operators and laborers		144,541		131,294	10.1
Chapter 12. Social Services					
	1989		1988		
1. Outreach headcount of the DSWD		6,780,105		7,282,955	(6.9)
2. Benefits paid by the Government Service Insurance System (million pesos)		2,892.5		2,518.5	14.9
3. Benefits paid by the Social Security System (million pesos)		3,664.0		3,052.3	20.0
Chapter 13. Transportation and Communication					
	1989		1988		
1. Rail transport					
Passengers (1,000 persons)		1,004.7		968.1	3.8
Freight tonnes (1,000 mt)		53.2		57.0	(6.7)
Express tonnes (1,000 mt)		21.5		23.3	(7.7)
2. Flights and passengers carried by international carriers					
Passengers carried, total		4,368,433		3,952,753	10.5
Arrivals		2,118,427		1,909,868	10.9
Departures		2,250,006		2,042,885	10.1
Flights, total		23,668		22,267	6.3

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Total number of newly-registered motor vehicles	1989		1988		
Cars		32,808		16,322	101.0
Utility vehicles		50,821		33,543	51.5
Trucks		8,273		6,438	28.5
Buses		868		573	51.5
Trailers		2,130		1,428	49.2
Motorcycles		46,599		29,659	57.1
4. Total Kilometers of road	1989	157,253.20	1988	157,253.20	0.0
National		26,070.05		26,070.05	0.0
Local		131,183.15		131,183.15	0.0
5. Number of Bridges	1989	11,289	1988	11,289	0.0
National government		6,928		6,928	0.0
Local government		4,361		4,361	0.0
6. Length of bridges (linear meters)	1989	314,184.23	1988	314,184.23	0.0
National government		235,519.67		235,519.67	0.0
Local government		78,664.56		78,664.56	0.0
7. Coastwise shipping movement at 26 major ports	1989		1988		
Number of vessels entered		80,649		74,244	8.6
Number of vessels cleared		80,363		74,368	8.1
8. International shipping movements at Port of Manila	1989		1988		
Number of vessels entered		2,604		2,138	21.8
Number of vessels cleared		2,597		2,114	22.8
9. Number of licensed radio stations	1989	40,435	1988	31,587	28.0
10. Volume of mail handled (1,000 pieces)	1989	806,300	1988	799,215	0.9
Received from Foreign Countries		161,101		162,610	(0.9)
Posted mails		645,199		636,605	1.3

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 14. Energy and Water Resources					
1. Energy consumption by source (MBFOE)	1989		1988		
Indigenous energy		43.0		40.3	6.6
Imported energy		76.1		67.8	12.2
2. Electric Energy Consumption (gigawatt hours)	1989	25,931.0	1988	24,574.0	5.5
Chapter 15. Public Finance					
1. National Government Revenues (million pesos)					
Tax Revenues	1989	122,462.0	1988	90,352.0	35.5
Taxes on income and profits		37,592.0		27,409.0	37.2
Taxes on property		659.0		384.0	71.6
Taxes on goods and services		42,040.0		33,207.0	26.6
Taxes on international trade and transactions		38,912.0		25,580.0	52.1
Other taxes		3,259.0		3,772.0	(13.6)
Non tax revenue		29,948.0		22,509.0	33.0
2. National government expenditures (million pesos)	1990	233,508	1989	227,421	2.7
Economic services		49,933.0		45,963.0	8.6
Social services		52,591.0		42,149.0	24.8
National defense		22,580.0		20,431.0	10.5
General public service		22,055.0		18,438.0	19.6
Net Lending		(471.0)		2,727.0	(117.3)
Debt Service Fund		86,819.0		97,713.0	(11.1)
3. Internal debt outstanding by level of government (million P)	1989	237,249.6	1988	207,657.6	14.3
National government		225,211.8		195,494.0	15.2
Local government		116.0		116.0	0.0
Government corporations		5,879.0		8,081.9	(27.3)
Monetary institutions		6,042.8		39,965.7	(84.9)
4. Internal debt outstanding by period of maturity (million P)	1989	237,249.6	1988	207,657.6	14.3
Long term		20,910.3		22,558.5	(7.3)
Medium term		29,906.7		26,699.0	12.0
Short term		186,432.6		158,400.1	17.7

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 16. Money and Banking					
1. Money supply (million pesos)	Dec. 1989	78,530.0	Dec. 1988	59,718.0	31.5
2. Net foreign assets (million P)	Dec. 1989	(114,525.0)	Dec. 1988	(122,833.0)	(6.8)
3. Net domestic credits (million P)	Dec. 1989	203,818.0	Dec. 1988	166,462.0	22.4
4. Non-Money supply deposits (million pesos)	Dec. 1989	179,441.0	Dec. 1988	141,585.0	26.7
5. Net other accounts (million P)	Dec. 1989	(168,678.0)	Dec. 1988	(157,674.0)	7.0
6. Loans and investment outstanding (million pesos)	Dec. 1989	214,836.0	1988	177,876.2	20.8
Commercial banks		184,891.0		155,200.1	19.1
Rural banks		8,859.0		7,970.2	11.2
Development banks		5,053.4		3,820.9	32.3
Savings banks		16,032.6		10,885.0	47.3
7. Total assets and liabilities of Central Bank (million pesos)	Dec. 1989		Dec. 1988		
Total assets		385,889.7		349,932.7	10.3
Total liabilities		385,016.5		349,150.1	10.3
8. Total assets and liabilities of commercial banks (million pesos)	Dec. 1989		Dec. 1988		
Total assets		420,410.0		342,312.0	22.8
Total liabilities		372,890.0		299,510.0	24.5
9. Total assets and liabilities of development banks (million pesos)	Dec. 1989		Dec. 1988		
Total assets		8,527.4		6,698.2	27.3
Total liabilities		7,217.7		5,702.3	26.6
Chapter 17. International Statistics					
CPI of Selected Developing Countries (1980 = 100)	1989		1988		
Hong Kong		198.5		180.2	10.2
Malaysia		133.7		130.0	2.8
Thailand		147.9		139.1	6.3
Philippines		337.2		307.6	9.6
Korea		169.1		160.2	5.6
Indonesia		200.9		192.9	4.1

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 18. Public Order, Safety and Justice					
1. Total Index Crime	1989		1988		
Philippines		239.3		217.4	10.1
Metro Manila		268.2		285.6	(6.1)
Outside Metro Manila		235.0		207.3	13.4
2. Traffic Accidents Incidence	1989	54,602.0	1988	39,054.0	39.8
3. File Incidence	1989	1,316.0	1988	1,875.0	(29.8)
4. Number of Policemen	1989	54,104.0	1988	51,817.0	4.4
5. Number of Firemen	1989	8,511.0	1988	8,654.0	(1.7)
6. Inflow & Outflow of Cases	1989		1988		
Inflow		671,598.0		671,132.0	0.1
Outflow		379,465.0		364,187.0	4.2
Pending		292,133.0		306,945.0	(4.8)
Chapter 19. Science and Technology					
1. Number of Patented Local Inventor	1988	461	1987	473	(2.5)
2. Number of Patented Foreign Invent	1988	1,198	1987	1,307	(8.3)
3. Number of Technologies Commercialized and Differenced by the DOST	1989	184	1988	-	
4. Number of R&D Projects completed by the DOST	1989	463	1988	-	

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 May 1990. Preliminary national summary results of the 1990 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. Migration to other countries, by country of destination , by age and by sex have likewise been compiled for this issue.

Table 1.1	Population, Land Area and Density by Region and Province: Census Years 1939 to 1990	1-4
Table 1.2	Population, Land Area and Density by City: Census Years 1948 to 1990	1-10
Table 1.3	Midyear (1 July) Population Estimates by Urban and Rural Residence: 1950 to 2030	1-14
Table 1.4	Population by Age Group and Sex, by Region, Urban and Rural: 1980	1-16
Table 1.5	Population of the Philippines: Census Years 1799 to 1980	1-45
Table 1.6	Sex Ratio of the Population, by Region: Census Years: 1960 to 1980	1-46
Table 1.7	Population Projections for the Philippines, by Sex and by Region: 1980 to 2030 (Low Assumption)	1-48
Table 1.8	Population Projections for the Philippines, by Sex and by Region: 1980 to 2030 (Medium Assumption)	1-60
Table 1.9	Population Projections for the Philippines, by Sex and by Region: 1980 to 2030 (High Assumption)	1-72
Table 1.10	Inter-Regional Migrants in the Philippines, by Sex: 1975 to 1980	1-84
Table 1.11	Distribution of Registered Filipino Emigrants by Country of Destination: 1981 to 1989	1-91
Table 1.12	Distribution of Registered Filipino Migrants by Sex: 1981 to 1989	1-92
Table 1.13	Distribution of Registered Filipino Migrants by Age: 1981 to 1989	1-93
Table 1.14	Number of Occupied Dwelling Units: May 1980 Census	1-94
Table 1.15	Number of Households in Occupied Dwelling Units: May 1980 Census	1-96
Figure 1.1	Population and Land Area by Region, May 1990	1-3
Figure 1.2	Population by Age and Sex, Urban and Rural, May 1980	1-44

Figure 1.1 Population and Land Area by Region, 1990

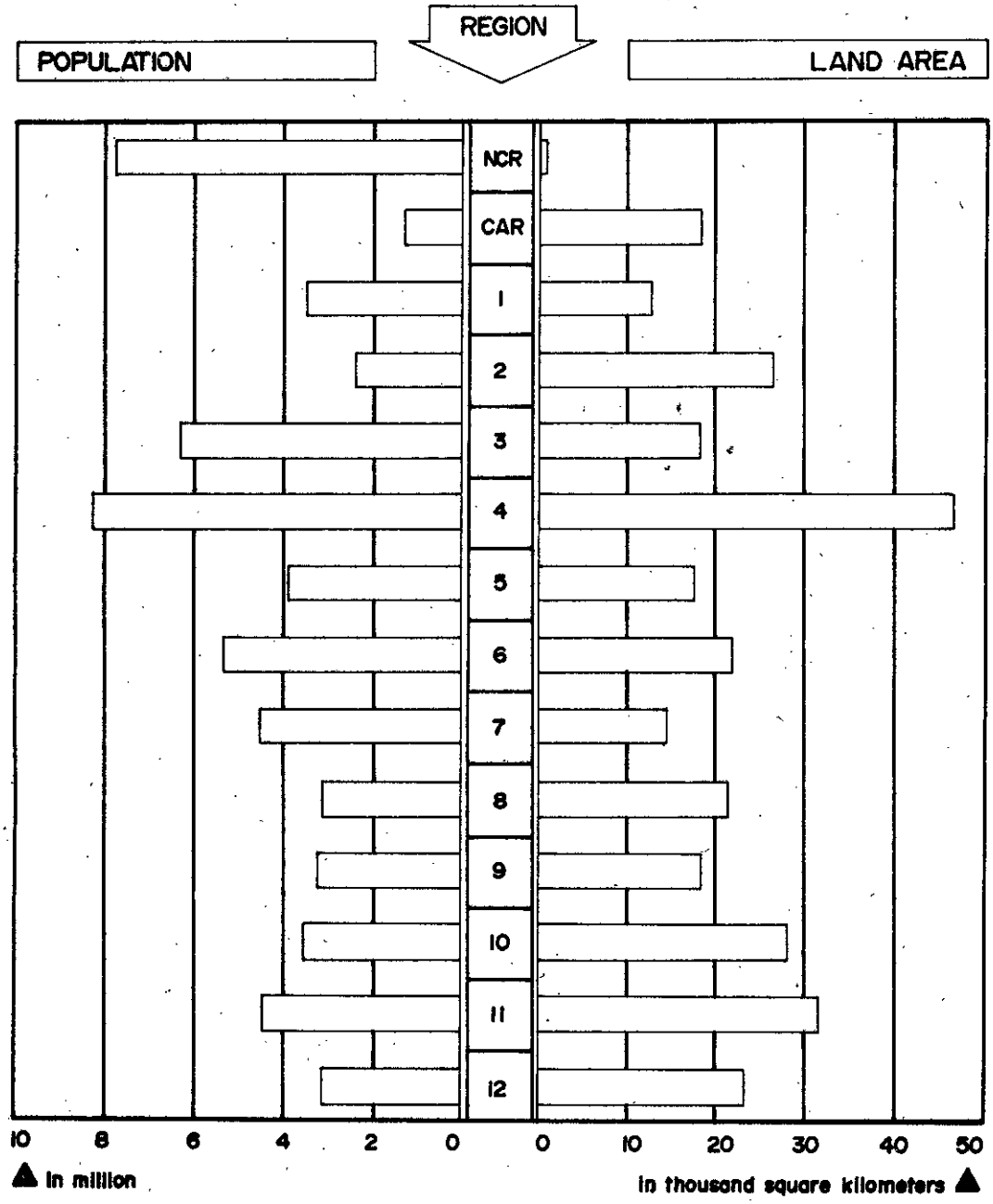


Table 1.1 – POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Philippines	60,477	48,098	42,071	36,684	27,088	19,234	16,000
Metropolitan Manila Area (NCR)	7,832	5,926	4,970	3,967	2,462	1,569	994
Manila	1,587	1,630	1,479	1,331	1,139	984	623
Caloocan City	746	468	397	274	145	55	39
Pasay City	354	288	255	206	133	89	55
Quezon City	1,632	1,166	957	754	398	111	39
Las Pinas	286	136	82	46	16	9	7
Makati	452	373	334	265	115	41	34
Malabon	277	191	175	142	76	46	33
Mandaluyong	247	205	182	149	72	26	18
Marikina	308	212	168	113	40	24	15
Muntinlupa	278	137	95	65	22	19	9
Navotas	186	126	97	83	49	29	21
Paranaque	300	209	159	97	62	29	21
Pasig	395	269	210	156	62	35	28
Pateros	51	40	33	25	13	8	7
San Juan del Monte	127	130	122	105	57	32	19
Taguig	267	134	74	55	22	15	12
Valenzuela	340	212	151	98	41	17	13
CAR	1,150	914	811	731	552	365	385
Abra	185	160	147	146	115	87	88
Benguet	486	355	302	264	184	110	22
Ifugao	149	111	105	92	77	50	69
Kalinga Apayao	214	185	163	136	90	56	47
Mt. Province	116	103	94	93	86	62	59
Region 1	3,548	2,924	2,727	2,488	2,042	1,685	1,460
Ilocos Norte	461	391	372	343	287	251	238
Ilocos Sur	520	444	420	385	338	276	272
La Union	549	453	415	374	293	237	208
Pangasinan	2,018	1,636	1,520	1,386	1,124	921	742
Region 2	2,341	1,919	1,665	1,463	1,035	669	600
Batanes	15	12	12	11	10	11	10
Cagayan	833	711	644	581	445	311	292
Isabela	1,078	871	730	649	442	264	220
Nueva Vizcaya	301	242	279	222	138	83	78
Quirino	114	83					

BY REGION AND PROVINCE: CENSUS YEARS 1939 to 1990

Land area (sq km)	Density (persons/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
300,000	201.6	160.3	140.2	122.3	90.3	64.1	53.3
636.0	12,314.5	9,317.4	7,814.5	6,236.9	3,871.8	2,467.0	1,561.3
38.3	41,436.0	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5	16,279.2
55.8	13,369.2	8,383.8	7,118.3	4,918.5	2,607.9	980.8	695.7
13.9	25,467.6	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3	3,968.4
166.2	9,819.5	7,014.8	5,757.3	4,539.4	2,394.6	668.9	234.7
41.5	6,891.6	3,289.5	1,966.5	1,102.0	387.8	223.6	164.4
29.9	15,117.1	12,462.6	11,185.6	8,860.1	3,830.8	1,382.4	1,121.4
23.4	11,837.6	8,162.4	7,473.4	6,047.6	3,266.6	1,985.3	1,422.4
26.0	9,500.0	7,898.7	7,010.3	5,746.4	2,754.6	1,011.9	700.0
38.9	7,917.7	5,439.9	4,330.4	2,915.2	1,040.0	600.3	389.9
46.7	5,952.9	2,926.7	2,024.9	1,393.1	468.8	394.9	198.9
2.6	71,538.5	48,517.7	37,345.4	32,017.3	18,946.9	11,111.2	8,023.5
38.3	7,832.9	5,445.2	4,150.7	2,538.2	1,616.1	754.2	551.6
13.0	30,384.6	20,659.2	16,147.3	12,037.8	4,779.2	2,723.6	2,118.5
10.4	4,903.8	3,873.8	3,155.9	2,448.8	1,266.6	805.8	688.5
10.4	12,211.5	12,508.5	11,778.1	10,053.8	5,467.4	3,028.2	1,814.4
33.7	7,922.8	3,980.3	2,187.0	1,693.7	648.5	455.2	358.7
47.0	7,234.0	4,518.4	3,204.4	2,094.8	382.4	356.2	286.6
18,293.6	62.9	50.0	44.3	40.0	30.2	20.0	21.0
3,975.5	46.5	40.3	37.0	36.6	29.0	21.8	22.1
2,655.4	183.0	113.6	113.8	99.3	69.2	41.4	45.9
2,517.8	59.2	44.2	41.3	36.7	30.5	19.8	27.0
7,047.6	30.4	26.3	23.2	19.3	12.7	8.0	6.7
2,097.3	55.3	49.1	44.9	44.4	40.9	29.6	28.1
12,840.2	276.3	227.7	212.4	193.8	159.0	131.2	113.7
3,399.3	135.6	114.9	109.4	101.0	84.5	74.0	70.0
2,579.6	201.6	172.0	162.7	149.3	131.1	107.1	105.4
1,493.1	367.7	303.1	277.7	250.3	196.5	159.0	139.3
5,368.2	375.9	304.8	283.2	258.2	209.4	171.5	138.2
26,837.6	87.2	71.5	62.0	54.5	38.6	24.9	22.4
209.3	57.8	57.8	56.7	54.5	49.3	51.1	43.0
9,002.7	79.0	79.0	71.5	64.6	49.5	34.6	32.4
10,664.5	81.6	81.6	68.5	60.8	41.5	24.8	20.6
6,961.1	46.7	46.7	40.1	31.9	19.8	11.9	11.2

Table 1.1 – POPULATION, LAND AREA AND DENSITY BY

Region and province	Population (thousands)						
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Region 3	6,191	4,803	4,210	3,615	2,525	1,837	1,568
Bataan	426	323	263	216	145	93	86
Bulacan 1/	1,504	1,096	900	738	514	395	319
Nueva Ecija	1,309	1,069	948	851	608	468	417
Pampanga	1,530	1,182	1,042	907	617	416	375
Tarlac	861	689	641	560	427	327	264
Zambales	561	444	416	343	213	138	107
Region 4	8,263	6,119	5,214	4,456	3,081	2,084	1,812
Aurora	140	107	a	a	a	a	a
Batangas	1,476	1,174	1,032	926	681	510	442
Cavite	1,153	771	628	520	378	263	239
Laguna	1,374	973	804	700	472	321	280
Marinduque	186	174	163	144	115	86	82
Occidental Mindoro	282	222	186	144	84	43	39
Oriental Mindoro	551	447	389	328	229	125	92
Palawan	528	372	300	237	163	106	94
Quezon	1,373	1,129	1,116	983	653	417	359
Rizal 2/	973	556	414	307	174	106	88
Romblon	227	193	182	167	132	109	99
Region 5	3,911	3,477	3,194	2,967	2,363	1,666	1,347
Albay	904	809	729	674	515	395	334
Camarines Norte	391	308	288	262	188	104	98
Camarines Sur	1,306	1,099	1,024	948	820	554	386
Catanduanes	187	175	173	162	156	112	99
Masbate	600	585	533	493	336	211	182
Sorsogon	522	501	447	427	348	291	248
Region 6	5,379	4,526	4,146	3,618	3,078	2,531	2,174
Aklan	381	325	293	263	226	197	177
Antique	406	345	308	289	238	234	199
Capiz	584	492	446	394	315	245	229
Iloilo 3/	1,765	1,434	1,313	1,168	966	816	744
Negros Occidental	2,243	1,930	1,786	1,504	1,332	1,039	825
Region 7	4,593	3,787	3,387	3,033	2,523	2,120	1,954
Bohol	948	806	759	683	592	553	492
Cebu	2,646	2,092	1,818	1,634	1,333	1,123	1,068
Negros Oriental	925	819	740	652	538	386	335
Siquijor	74	70	69	63	60	57	60

REGION AND PROVINCE: CENSUS YEARS 1939 to 1990 (continued)

Land area (sq km)	Density (persons/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
18,230.8	339.6	263.4	230.9	198.3	138.5	100.8	86.1
1,373.0	310.3	235.4	191.7	157.5	105.8	67.7	62.6
2,625.0	573.0	417.5	342.7	281.1	195.9	150.1	121.9
5,284.3	247.7	202.4	179.4	161.1	115.1	88.6	78.9
2,180.7	701.6	541.8	477.9	416.0	283.1	191.2	172.0
3,053.4	282.0	225.5	209.9	183.3	139.7	107.1	86.5
3,714.4	151.0	119.5	112.1	92.4	57.5	37.4	28.8
46,924.2	176.1	130.4	111.1	95.0	65.7	44.4	38.7
3,165.8	466.2	370.9	326.0	292.6	215.2	161.1	139.6
1,287.6	895.5	599.0	488.0	404.0	293.7	204.3	185.6
1,759.7	780.8	553.0	456.8	397.6	268.3	182.4	159.1
959.2	193.9	181.1	169.7	150.2	119.5	89.7	85.5
5,879.8	48.0	37.8	31.6	24.5	14.3	7.3	6.6
4,364.7	126.2	102.4	89.1	75.2	52.5	28.6	21.3
14,896.3	35.4	25.0	20.1	15.9	10.9	7.1	6.3
11,946.3	114.9	103.5	93.4	82.3	54.7	34.9	30.1
1,308.9	743.4	424.4	316.4	234.7	132.9	80.2	67.2
1,355.9	167.4	142.5	134.4	123.2	97.1	80.4	73.0
17,632.5	221.8	197.2	181.1	168.3	134.0	94.5	76.4
2,552.6	354.1	317.0	285.5	264.0	201.7	154.6	130.8
2,112.5	185.1	145.8	136.5	124.1	89.0	49.1	46.4
5,266.8	248.0	208.7	194.4	180.1	155.6	105.1	73.3
1,511.5	123.7	115.9	114.3	107.4	103.4	74.2	65.5
4,047.7	148.2	144.4	131.8	121.8	83.0	52.2	45.0
2,141.4	243.8	233.8	208.5	199.4	162.4	135.9	115.8
20,223.2	266.0	223.8	205.0	178.9	152.2	125.1	107.5
1,817.9	209.6	178.5	161.4	144.9	124.4	108.4	97.4
2,522.0	161.0	136.7	122.3	114.7	94.5	92.4	78.9
2,633.2	221.8	186.9	169.3	149.6	119.7	93.0	87.0
5,324.0	331.5	269.3	246.6	219.4	181.7	153.3	139.7
7,926.1	283.0	243.5	225.3	189.7	168.1	131.0	104.1
14,951.4	307.2	253.3	226.6	202.8	168.7	141.8	130.7
4,117.3	230.2	195.8	184.4	166.0	143.8	134.4	119.5
5,088.4	520.0	411.0	357.4	321.2	261.9	220.7	209.9
5,402.3	171.2	151.7	137.1	120.7	99.6	71.5	62.0
343.5	215.4	204.8	201.1	183.3	173.4	165.9	174.7

Table 1.1 – POPULATION, LAND AREA AND DENSITY BY

Region and province	Population (thousands) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Region 8	3,048	2,800	2,600	2,381	2,041	1,764	1,462
Leyte 4/	1,484	1,303	1,203	1,111	963	819	743
Southern Leyte	322	296	276	251	210	188	173
Eastern Samar	329	321	287	271	238	198	154
Northern Samar	383	379	355	306	261	228	155
Western Samar	531	501	478	442	369	331	237
Region 9	3,145	2,529	2,048	1,869	1,351	763	603
Basilan	231	201	171	144	156	110	57
Sulu	466	360	240	315	248	182	201
Tawi-Tawi	230	195	143	110	79	59	46
Zamboanga del Norte	673	588	491	409	281	168	139
Zamboanga del Sur	1,546	1,184	1,003	890	587	244	160
Region 10	3,503	2,759	2,314	1,953	1,297	922	706
Agusan del Norte	464	365	301	278	177	89	64
Agusan del Sur	416	265	213	175	94	38	35
Bukidnon	844	632	533	415	194	63	58
Camiguin	64	57	53	54	45	70	41
Misamis Occidental	424	386	356	320	248	208	210
Misamis Oriental	865	690	560	473	344	300	173
Surigao del Norte	426	363	298	239	195	155	126
Region 11	4,454	3,347	2,715	2,201	1,353	578	451
Davao del Norte	1,055	725	590	443	263	91	60
Davao del Sur	1,483	1,134	936	785	498	205	172
Davao Oriental	394	340	299	248	133	68	61
South Cotabato	1,073	770	587	466	295	103	58
Surigao del Sur	449	378	302	259	165	110	100
Region 12	3,121	2,271	2,070	1,941	1,383	681	484
Lanao del Norte	619	461	381	350	271	132	99
Lanao del Sur	559	405	500	456	378	212	144
Maguindanao	753	537	478	421	377	245	137
North Cotabato	757	565	472	468	279	87	50
Sultan Kudarat	433	304	239	247	78	5	54

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

a From 1918 to 1975 , Aurora is included in Quezon and Quirino is included in Nueva Vizcaya.

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

Source: National Statistics Office.

REGION AND PROVINCE: CENSUS YEARS 1939 to 1990 (continued)

Land area (sq km)	Density (persons/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
21,432.7	142.2	130.6	121.3	111.1	95.2	82.3	68.2
6,268.3	236.7	207.8	191.9	177.2	153.7	130.7	118.6
1,734.8	185.6	170.8	159.3	144.9	120.8	108.1	99.7
4,339.6	75.8	73.9	66.2	62.4	54.8	45.6	35.7
3,498.9	109.5	108.2	101.4	87.5	74.7	65.2	44.3
5,591.0	95.0	89.7	85.6	79.1	66.0	59.2	42.4
18,730.1	167.9	135.3	109.6	100.0	72.3	40.8	32.3
1,372.2	168.3	151.8	128.9	108.4	117.3	82.9	42.9
1,600.4	291.2	225.3	150.0	197.1	155.2	113.7	125.6
1,087.4	211.5	179.0	132.0	101.3	72.3	54.3	32.3
6,618.1	101.7	88.8	74.1	61.9	42.5	25.3	21.0
8,052.0	192.0	147.0	124.5	110.6	72.9	30.3	19.9
28,327.7	123.7	97.4	81.7	68.9	45.8	32.6	25.0
2,590.3	179.1	141.1	116.1	107.3	68.5	34.4	24.7
8,965.5	46.4	29.6	23.8	19.5	10.4	4.2	3.9
8,293.8	101.8	76.2	64.2	50.0	23.4	7.6	7.0
229.8	278.5	248.6	228.7	234.6	194.6	304.6	178.4
1,939.3	218.6	199.2	183.7	164.9	128.1	107.3	108.3
3,570.1	242.3	193.3	157.0	132.4	96.3	84.0	48.5
2,739.0	155.5	132.7	108.8	87.2	71.2	56.6	46.0
31,692.8	140.5	105.6	85.6	69.4	42.7	18.2	14.2
8,129.8	129.8	89.2	72.5	54.4	32.3	11.2	7.4
6,377.6	232.5	177.7	146.8	123.1	78.0	32.1	26.8
5,164.5	76.3	65.8	58.0	48.0	25.7	13.2	11.8
7,468.8	143.7	103.2	78.6	62.4	39.5	13.8	7.8
4,552.2	98.6	83.0	66.4	56.8	36.2	24.2	22.0
23,323.2	133.8	97.5	88.9	83.3	59.4	29.2	20.8
3,092.0	200.2	149.1	123.3	113.2	87.5	42.7	32.0
3,872.9	144.3	104.6	129.1	117.6	97.7	54.7	37.2
5,077.6	148.3	106.3	94.7	83.4	68.9	42.9	25.0
6,565.9	115.3	86.0	71.9	71.3	42.6	11.8	7.6
4,714.8	91.8	64.4	50.6	52.3	18.1	5.8	12.6

Table 1.2 – POPULATION, LAND AREA AND DENSITY

City	Population (thousands)					
	1990 [1] (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
Total	12,917	10,182	8,868	7,610	5,370	3,644
Angeles	236	189	151	135	76	38
Bacolod	364	262	223	187	119	101
Bago	124	100	89	72	59	57
Baguio	183	119	97	85	50	29
Bais	60	49	46	40	27	15
Basilan	a	a	171	144	156	110
Batangas	184	144	125	109	83	60
Butuan	228	172	133	131	80	30
Cabanatuan	173	138	115	100	70	49
Cadiz	120	130	128	124	89	49
Cagayan de Oro	340	227	165	128	68	52
Calbayog	113	107	103	94	78	80
Caloocan	746	468	397	274	146	55
Canlaon	37	29	29	24	23	16
Cavite	92	88	83	76	55	35
Cebu	610	490	413	347	251	168
Cotabato	127	84	67	61	38	15
Dagupan	122	98	90	84	63	44
Danao	73	57	50	48	33	26
Dapitan	59	55	46	38	28	20
Davao	850	610	485	392	226	111
Dipolog	80	62	48	46	32	23
Dumaguete	80	63	53	52	35	25
General Santos	250	149	91	86	53	13
Gingoog	82	80	67	66	53	31
Iligan	227	167	119	104	58	28
Iloilo	311	245	227	210	151	110
Iriga	74	66	76	77	75	42
La Carlota	56	46	41	38	57	46
Laoag	84	70	66	62	50	44
Lapu-Lapu	146	99	80	69	49	37
Legaspi	121	100	88	84	61	47
Lipa	160	121	106	94	64	47
Lucena	151	108	92	77	49	33
Mandaue	180	111	76	59	29	19
Manila	1,587	1,630	1,479	1,331	1,139	984
Marawi	92	54	63	56	27	20
Naga	115	91	83	80	56	56

BY CITY: CENSUS YEARS 1948 to 1990

(sq km)	Density (person/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
18,803.3	687.0	541.4	464.0	404.6	285.6	193.8
60.3	3,913.8	3,131.6	2,506.9	2,231.2	1,258.7	622.9
156.1	2,331.8	1,681.1	1,431.1	1,199.9	764.4	649.8
402.1	308.4	247.8	221.9	178.3	146.3	141.0
48.9	3,742.3	2,433.7	1,992.8	1,728.8	1,031.4	598.4
316.9	189.3	155.6	144.1	126.5	84.3	48.4
1,327.2	0.0	a	128.9	108.4	117.3	83.1
283.0	650.2	507.3	443.0	384.7	292.0	210.5
526.3	433.2	327.7	252.1	249.1	151.6	57.1
192.7	897.8	717.7	598.1	518.4	361.1	251.9
516.5	232.3	251.0	247.2	240.3	171.4	94.8
412.8	823.6	550.7	400.2	310.8	165.4	124.8
903.0	125.1	118.2	113.6	104.5	86.2	88.0
55.8	13,369.2	8,383.8	7,118.3	4,918.5	2,607.9	980.8
160.7	230.2	179.1	181.4	146.8	142.4	98.8
11.8	7,796.6	7,429.3	6,987.8	6,418.6	4,561.8	2,970.5
280.9	2,171.6	1,745.4	1,470.4	1,235.7	894.1	596.3
176.0	721.6	479.3	381.2	347.6	213.1	82.8
37.2	3,279.6	2,643.7	2,421.8	2,246.8	1,698.7	1,178.4
107.3	680.3	530.9	468.4	444.2	305.9	246.6
215.0	274.4	254.4	215.2	175.7	128.0	95.3
2,211.3	384.4	276.0	219.2	177.5	102.1	50.3
220.0	363.6	281.4	220.0	210.8	146.5	103.6
55.8	1,433.7	1,136.4	945.6	932.9	632.3	445.1
423.0	591.0	353.2	215.5	167.8	66.3	16.0
404.6	202.7	197.6	164.5	161.9	130.2	75.9
730.5	310.7	229.1	162.6	143.0	80.0	37.7
56.0	5,553.6	4,371.9	4,054.1	3,745.0	2,701.2	1,966.5
119.6	618.7	552.8	634.5	647.0	630.8	351.6
137.3	407.9	333.7	298.5	279.1	413.5	333.5
107.5	781.4	647.9	616.4	574.2	467.0	413.1
58.1	2,512.9	1,699.2	1,368.1	1,192.2	835.6	641.7
153.7	787.2	649.1	575.0	547.1	394.2	306.9
209.4	764.1	578.6	506.7	448.8	306.8	224.1
68.5	2,204.4	1,574.9	1,348.0	1,124.2	719.2	483.1
11.7	15,384.6	9,452.1	6,487.5	5,006.8	2,502.6	1,629.7
38.3	41,436.0	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5
22.6	4,070.8	2,381.1	2,802.3	2,465.0	1,196.9	869.8
77.5	1,483.9	1,170.5	1,075.6	1,030.3	716.2	725.6

Table 1.2 – POPULATION, LAND AREA AND DENSITY

City	Population (thousands)					
	1990 [1] (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
Olongapo	192	156	147	108	45	14
Ormoc	129	105	90	85	63	57
Oroquieta	53	47	43	39	29	23
Ozamis	92	78	72	65	44	35
Pagadian	107	81	66	58	41	17
Palayan	20	15	12	8	3	–
Pasay	354	288	255	206	124	89
Puerto Princesa	92	60	46	38	22	11
Quezon City	1,632	1,166	957	754	398	111
Roxas	103	81	71	68	49	32
San Carlos (Neg. Occ.)	106	92	91	90	125	92
San Carlos (Pangasinan)	124	101	91	84	64	52
San Jose	82	64	58	70	38	30
San Pablo	161	132	117	106	71	50
Silay	92	111	105	69	60	36
Surigao	100	80	66	51	37	–
Tacloban	138	103	81	77	54	45
Tagaytay	24	16	13	11	7	5
Tagbilaran	56	43	37	33	20	16
Tangub	43	40	40	31	21	20
Toledo	120	92	77	68	64	39
Trece Martires	16	9	7	7	4	2
Zamboanga	444	344	265	200	131	103

1 Preliminary.
a Abolished in December 1975 under P. D. 840
Source: National Statistics Office.

BY CITY: CENSUS YEARS 1948 to 1990 (continued)

(sq km)	Density (person/sq km)					
	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)
103.3	1,858.7	1,514.3	1,424.1	1,043.4	438.8	136.4
464.3	277.8	226.1	192.7	182.1	135.2	123.6
194.9	271.9	242.8	218.0	197.9	151.2	117.2
144.2	638.0	539.8	496.2	448.3	305.8	244.5
378.8	282.5	213.5	174.4	152.1	109.1	43.9
35.6	561.8	420.2	341.0	235.4	90.9	-
13.9	25,467.6	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3
2,106.7	43.7	28.6	21.7	17.9	10.4	5.3
166.2	9,819.5	7,014.8	5,757.3	4,539.4	2,394.6	668.9
102.0	1,009.8	795.9	699.1	663.2	483.6	317.2
451.3	234.9	203.3	201.6	199.6	276.4	204.4
166.4	745.2	608.4	546.2	506.8	386.5	311.8
180.5	454.3	356.0	323.5	389.6	211.0	166.5
214.0	752.3	615.2	544.9	493.1	330.3	235.7
214.8	428.3	517.4	448.3	322.2	280.2	165.6
245.3	407.7	325.1	269.2	209.9	152.6	-
100.9	1,367.7	1,016.1	799.9	758.5	530.7	450.2
74.0	324.3	217.9	178.7	147.4	97.3	70.7
30.3	1,848.2	1,408.7	1,232.2	1,089.3	668.3	529.7
119.2	360.7	338.9	339.4	259.4	177.0	170.7
174.5	687.7	525.3	438.5	388.1	366.1	224.8
39.1	409.2	219.4	183.6	166.8	113.1	47.8
1,414.7	313.8	243.0	187.3	141.3	92.9	73.0

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

Year	Total Population	Urban	Rural
1950	20,274,800	...	...
1955	23,568,000	...	...
1960 (Feb 15)	27,087,685	...	...
1965	31,880,868	...	...
1970 (May 6)	36,684,486	11,677,820	25,006,666
1971	37,862,421	12,186,125	25,676,296
1972	39,519,457	12,644,689	26,874,768
1973	39,390,059	13,120,509	26,269,550
1974	40,656,345	13,164,233	27,492,112
1975 (May 1)	42,070,665	14,046,527	28,024,138
1976	43,406,278	14,872,747	28,533,531
1977	44,584,324	15,619,210	28,965,114
1978	45,794,343	16,403,138	29,391,205
1979	47,037,201	17,226,412	29,810,789
1980 (May 1)	48,098,460	17,943,897	30,154,563
1981	49,536,022	18,680,256	30,855,766
1982	51,283,065	19,429,664	31,853,401
1983	52,055,370	20,203,280	31,852,090
1984	53,351,220	21,000,880	32,350,340
1985	54,668,332	21,821,760	32,846,572
1986	56,004,130	22,665,184	33,338,946
1987	57,356,042	23,530,304	33,825,738
1988	58,721,307	24,416,144	34,305,163
1989	60,096,988	25,321,600	34,775,388
1990	61,480,180	26,245,568	35,234,612
1991	62,868,212	27,186,816	35,681,396
1992	64,258,611	28,144,256	36,114,355
1993	65,649,273	29,116,784	36,532,489
1994	67,038,341	30,103,392	36,934,949
1995	68,424,077	31,103,216	37,320,861
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	Male	Female	Both Sexes
All ages	48,098,460	24,128,755	23,969,705	17,943,897
Under 1 year ...	1,742,912	893,971	848,941	610,411
1- 4	5,923,285	3,038,799	2,884,486	1,995,744
5- 9	6,605,446	3,396,682	3,208,764	2,186,800
10-14	5,949,904	3,036,022	2,913,882	2,077,626
15-19	5,255,641	2,566,848	2,688,793	2,085,159
20-24	4,588,224	2,210,308	2,377,916	1,937,953
25-29	3,854,164	1,918,288	1,935,876	1,627,605
30-34	2,998,581	1,521,082	1,477,499	1,268,844
35-39	2,419,171	1,227,966	1,191,205	930,022
40-44	2,077,506	1,046,208	1,031,298	797,364
45-49	1,660,486	825,018	835,468	618,496
50-54	1,386,743	682,996	703,747	514,582
55-59	1,094,560	528,491	566,069	389,039
60-64	905,496	441,026	464,470	313,797
65-69	718,336	349,270	369,066	254,695
70-74	440,304	216,036	224,268	161,033
75 and over	477,701	229,744	247,957	174,727

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

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

Table 1.4 – POPULATION BY AGE GROUP AND SEX

(Figures are estimates based

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 1.4 – POPULATION BY AGE GROUP AND SEX

(Figures are estimates based

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

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

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

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

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

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

Age group	Region 6			
	Both Sexes	Male	Female	Both Sexes
All ages	4,525,615	2,265,780	2,259,835	1,282,340
Under 1 year ...	159,344	82,219	77,125	39,480
1- 4	553,380	283,414	269,966	139,206
5- 9	629,001	322,844	306,157	163,194
10-14	568,303	290,859	277,444	157,642
15-19	493,419	248,090	245,329	151,050
20-24	400,279	194,528	205,751	119,607
25-29	330,742	164,690	166,052	99,828
30-34	259,902	130,214	129,688	79,906
35-39	229,501	114,570	114,931	68,213
40-44	205,342	100,762	104,580	61,365
45-49	162,501	78,911	83,590	47,764
50-54	135,073	63,312	71,761	40,542
55-59	114,703	53,637	61,066	32,132
60-64	99,177	47,835	51,342	27,387
65-69	83,897	41,163	42,734	23,840
70-74	46,910	23,190	23,720	14,165
75 and over	54,141	25,542	28,599	17,019

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
620,907	661,433	3,243,275	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	410,661	211,670	198,991
70,937	80,113	342,369	177,153	165,216
54,901	64,706	280,672	139,627	141,045
47,054	52,774	230,914	117,636	113,278
38,798	41,108	179,996	91,416	88,580
33,021	35,192	161,288	81,549	79,739
29,020	32,345	143,977	71,742	72,235
22,385	25,379	114,737	56,526	58,211
18,523	22,019	94,531	44,789	49,742
14,107	18,025	82,571	39,530	43,041
12,294	15,093	71,790	35,541	36,249
11,033	12,807	60,057	30,130	29,927
6,544	7,621	32,745	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	Male	Female	Both Sexes
All ages	3,787,374	1,882,242	1,905,132	1,212,116
Under 1 year ...	133,706	68,968	64,738	40,330
1- 4	446,884	230,022	216,862	133,498
5- 9	501,134	257,607	243,527	147,964
10-14	454,873	232,415	222,458	141,790
15-19	398,068	196,313	201,755	139,608
20-24	344,068	165,857	178,211	124,525
25-29	287,636	141,496	146,140	102,801
30-34	220,702	110,708	109,994	80,294
35-39	190,674	94,507	96,167	63,243
40-44	166,439	80,773	85,666	53,403
45-49	141,055	67,056	73,999	43,698
50-54	124,263	59,057	65,206	37,184
55-59	103,344	47,875	55,469	29,620
60-64	92,825	43,560	49,265	25,213
65-69	77,167	36,436	40,731	20,606
70-74	50,187	23,884	26,303	13,726
75 and over	54,349	25,708	28,641	14,613

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

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

able 1.4 – POPULATION BY AGE GROUP AND SEX
(Figures are estimates based

Age group	Region 8			
	Both Sexes	Male	Female	Both Sexes
All ages	2,799,534	1,423,846	1,375,688	609,521
Under 1 year ...	102,356	51,928	50,428	19,478
1- 4	347,267	177,495	169,772	67,095
5- 9	414,041	212,559	201,482	81,067
10-14	376,419	193,960	182,459	81,642
15-19	294,751	152,115	142,636	72,029
20-24	222,902	111,724	111,178	51,599
25-29	180,222	92,082	88,140	39,215
30-34	150,556	76,423	74,133	34,220
35-39	141,731	72,129	69,602	30,928
40-44	122,451	61,640	60,811	26,657
45-49	104,224	51,752	52,472	23,315
50-54	93,002	45,985	47,017	21,203
55-59	75,262	36,868	38,394	17,186
60-64	61,798	30,620	31,178	14,582
65-69	49,619	24,837	24,782	12,159
70-74	31,525	15,621	15,904	8,280
75 and over	31,408	16,108	15,300	8,866

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
301,326	308,195	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	Male	Female	Both Sexes
All ages	2,528,506	1,281,439	1,247,067	431,355
Under 1 year ...	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
75 and over	13,452	7,006	6,446	2,845

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

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

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

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

Table 1.4 – POPULATION BY AGE GROUP AND SEX

(Figures are estimates based

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

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

Urban		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	Male	Female	Both Sexes
All ages	2,270,949	1,148,920	1,122,029	427,203
Under 1 year ...	80,351	40,018	40,333	15,936
1– 4	336,247	168,753	167,494	57,062
5– 9	357,227	183,060	174,167	61,339
10–14	283,631	145,399	138,232	51,765
15–19	240,115	115,830	124,285	50,008
20–24	202,160	94,988	107,172	42,446
25–29	188,732	93,062	95,670	37,593
30–34	137,276	71,256	66,020	26,444
35–39	122,381	63,053	59,328	22,221
40–44	93,102	49,206	43,896	17,827
45–49	73,871	39,656	34,215	13,539
50–54	52,027	27,945	24,082	10,224
55–59	37,819	20,499	17,320	6,863
60–64	28,277	15,729	12,548	5,545
65–69	17,967	9,864	8,103	3,494
70–74	9,652	5,210	4,442	2,287
75 and over	10,114	5,392	4,722	2,610

Source: National Statistics Office.

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

Urban		Rural		
Male	Female	Both Sexes	Male	Female
209,298	217,905	1,843,746	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

Figure 1.2 Population Density by Region, 1990

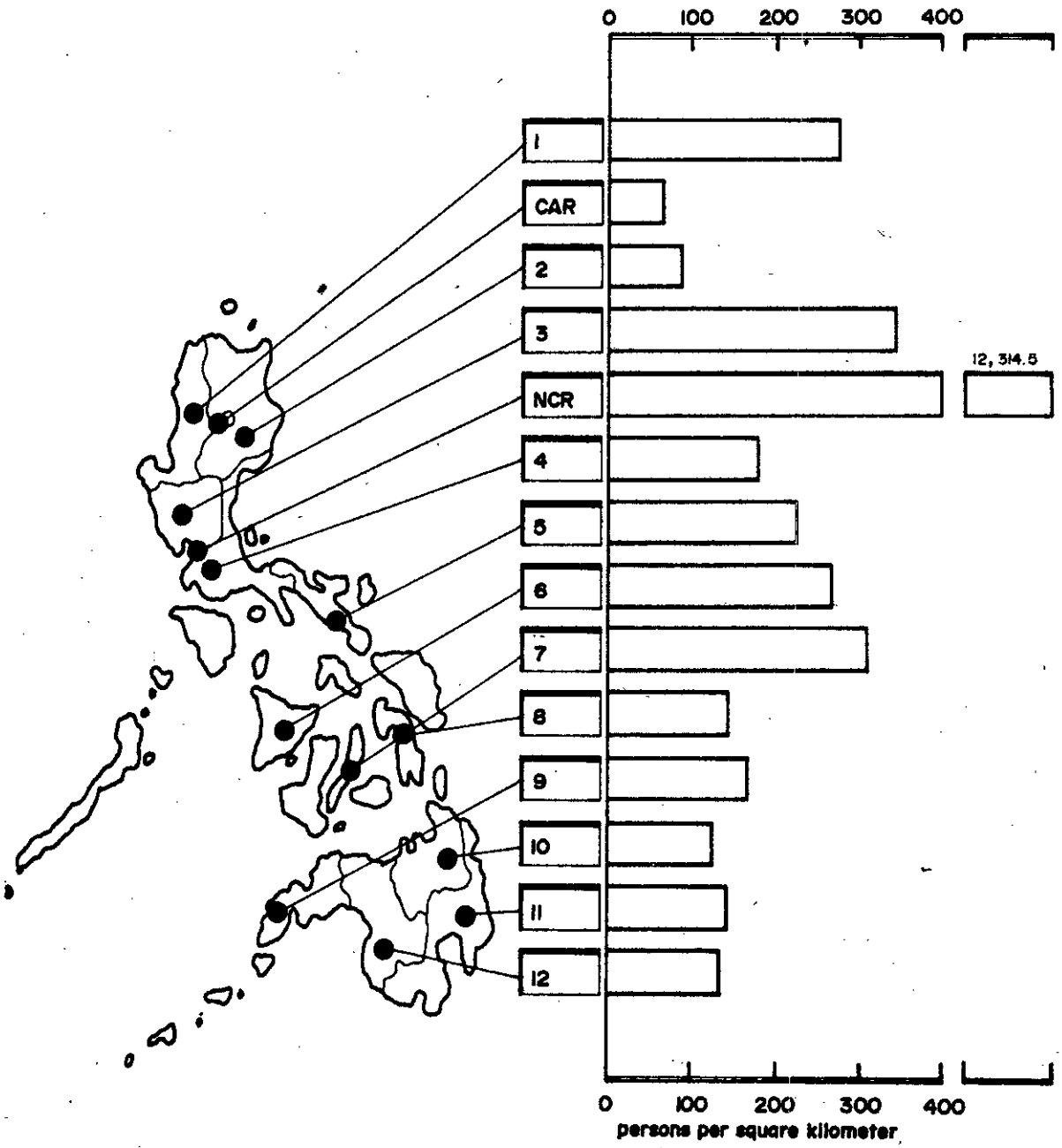


Table 1.5 – POPULATION OF THE PHILIPPINES: CENSUS YEARS 1799–1980

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.

Table 1.6 – SEX RATIO OF THE POPULATION

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

Source: National Statistics Office.

BY REGION: CENSUS YEARS 1960 to 1980

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

Table 1.7 – 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)

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

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

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

BY SEX AND BY REGION: 1980 to 2030
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	3,51[illegible]	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 (continued)
Moderate Mortality Decline)
thousands)

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

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

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

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

Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
3,489	1,771	1,718	4,538	2,272	2,266	3,796	1,887	1,909
3,572	1,814	1,758	4,645	2,326	2,319	3,873	1,928	1,945
3,658	1,858	1,800	4,756	2,382	2,374	3,952	1,969	1,982
3,744	1,902	1,842	4,866	2,438	2,428	4,032	2,011	2,020
3,832	1,948	1,884	4,979	2,494	2,484	4,113	2,054	2,059
3,922	1,993	1,928	5,092	2,552	2,540	4,195	2,097	2,098
4,012	2,040	1,972	5,207	2,610	2,597	4,278	2,141	2,138
4,104	2,087	2,017	5,323	2,669	2,654	4,362	2,184	2,178
4,198	2,135	2,063	5,439	2,727	2,712	4,446	2,229	2,218
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 (continued)
Moderate Mortality Decline)
thousands)

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

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

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

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

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

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

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

Source : National Statistics Office.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Source: National Statistics Office.

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

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

Table 1.10 – INTER-REGIONAL MIGRANTS

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

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

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

Source: National Statistics Office.

Table 1.11 – DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS BY COUNTRY OF DESTINATION: 1981 to 1989

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

Source: Commission on Filipinos Overseas.

Table 1.12 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY SEX : 1981 to 1989

Year	Total	Male	Female
1981	48,867	20,350	28,517
1982	53,953	21,752	32,201
1983	42,481	17,816	24,665
1984	41,551	16,970	24,581
1985	45,269	18,409	26,860
1986	49,338	20,408	28,930
1987	56,350	23,921	32,429
1988	58,014	24,620	33,394
1989	55,703	22,796	32,907

Source: Commission on Filipinos Overseas.

Table 1.13 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY AGE : 1981 to 1989

Year	Total	14–Below	15–24	25–34	35–44	44–54	55–64	65–Above
1981	48,867	9,588	10,558	9,967	4,244	3,685	6,023	4,802
1982	53,953	9,100	10,606	12,000	6,248	4,547	6,208	5,244
1983	42,481	8,433	9,662	8,982	4,087	3,116	4,825	3,376
1984	41,551	8,199	9,394	9,304	4,398	3,187	4,116	2,953
1985	45,269	9,154	10,018	9,753	4,510	3,413	4,802	3,619
1986	49,338	10,524	11,032	10,645	5,034	3,430	4,915	3,758
1987	56,350	12,407	11,674	13,305	6,403	3,685	4,990	3,886
1988	58,014	12,579	11,537	13,259	7,852	3,980	4,705	4,102
1989	55,703	11,696	11,079	13,779	7,524	3,907	4,100	3,618

Source: Commission on Filipinos Overseas.

Table 1.14 – 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 1.15 – NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS: MAY 1980 CENSUS

(Figures are etimates based on the 20 percent sample)

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

Source: National Statistics Office.

Table 1.15 – NUMBER OF HOUSEHOLDS IN OCCUPIED DWELLING UNITS: MAY 1980 CENSUS (continued)

(Figures are etimates based on the 20 percent sample)

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

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

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

Family income consists of both cash and non-cash income which 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, 1985 and 1988 are published in the NSO Survey of Households Bulletin.

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

Poverty incidence presents the proportion of families earning incomes less than the poverty line. The incidence in 1988 was computed based on the results of the 1988 Family Income and Expenditures Survey and 1988 poverty line. The revised poverty line was estimated using updated food menus, proportion of food to total expenditures and prices.

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

Activities in Metro Manila; and (5) the inflation rate based on the CPI.

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

The Retail Price Index (RPI) is designed to measure monthly changes of the prices at which retailers dispose of their goods to consumers and end-users. The term "retail price" refers to the price at which sellers accept orders for spot or earliest delivery in small quantities for consumption by an average household. The weights utilized were derived from the values of expenditures for goods and services of consumers for the retail sector as obtained from the 1974 Input-Output Table. These were then updated to 1978 levels through relative price movements. Price data used in the RPI to a large part come from the same sources of data used for the construction of the Metro Manila CPI. These are collected from retail outlets from 11 markets in the Metropolitan Manila Area. The RPI market basket contains the same food and non-food commodities included in the CPI with an expanded list for construction materials but excludes light, water, rentals, wages and other services items.

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

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

At present, the agencies responsible for the collection of basic price data on commodities that are entered in the computation of these indices are the Bureau of Agricultural Statistics (BAS), 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.

Table 2.1	Total Number of Families, Total and Average Family Income by Income Class, Philippines: 1961, 1965 and 1971	2-8
Table 2.2	Total Number of Families, Total and Average Family Income and Expenditures by Income Class, Philippines: 1985 and 1988	2-10
Table 2.3	Total Number of Families, Total and Average Annual Income and Expenditures by Income Class, Urban and Rural: 1985 and 1988	2-12
Table 2.4	Number of Families, Average Annual Income and Expenditures by Region: 1985 and 1988	2-14
Table 2.5	Total Number of Families, Average Annual Family Income and Expenditures by Expenditure Class, Philippines: 1985	2-16
Table 2.6	Total Number of Families, Total and Average Family Income and Expenditures by Expenditure Class, Urban and Rural: 1985	2-17
Table 2.7	Total Number of Families by Main Source of Income, Philippines: 1961, 1965, 1971, 1985 and 1988	2-18
Table 2.8	Percentage Distribution of Total Family Income by Income Decile, Philippines: 1961, 1965, 1971, 1985 and 1988	2-19
Table 2.9	Percentage Distribution of Total Family Expenditures by Major Expenditure Group, Philippines: 1961, 1965, 1971, 1985 and 1988	2-20
Table 2.10	Incidence of Poverty by Region: 1985 and 1988	2-21
Table 2.11	Consumer Price Index for all Income Households and Inflation Rate: 1973 to 1990	2-22
Table 2.12	Consumer Price Index for all Income Households in the Philippines: 1970 to 1990	2-23
Table 2.13	Consumer Price Index for all Income Households in the Metropolitan Manila Area (NCR): 1973 to 1990	2-24
Table 2.14	Consumer Price Index for all Income Households in Areas Outside Metropolitan Manila Area: 1973 to 1990	2-25

Table 2.15	Consumer Price Index for all Income Households in the Cordillera Autonomous Region: 1988 to 1990	2-26
Table 2.16	Consumer Price Index for all Income Households in Region 1 (Ilocos): 1973 to 1990	2-27
Table 2.17	Consumer Price Index for all Income Households in Region 2 (Cagayan Valley): 1973 to 1990	2-28
Table 2.18	Consumer Price Index for all Income Households in Region 3 (Central Luzon): 1973 to 1990	2-29
Table 2.19	Consumer Price Index for all Income Households in Region 4 (Southern Tagalog): 1973 to 1990	2-30
Table 2.20	Consumer Price Index for all Income Households in Region 5 (Bicol): 1973 to 1990	2-31
Table 2.21	Consumer Price Index for all Income Households in Region 6 (Western Visayas): 1973 to 1990	2-32
Table 2.22	Consumer Price Index for all Income Households in Region 7 (Central Visayas): 1973 to 1990	2-33
Table 2.23	Consumer Price Index for all Income Households in Region 8 (Eastern Visayas): 1973 to 1990	2-34
Table 2.24	Consumer Price Index for all Income Households in Region 9 (Western Mindanao): 1973 to 1990	2-35
Table 2.25	Consumer Price Index for all Income Households in Region 10 (Northern Mindanao): 1973 to 1990	2-36
Table 2.26	Consumer Price Index for all Income Households in Region 11 (Southern Mindanao): 1973 to 1990	2-37
Table 2.27	Consumer Price Index for all Income Households in Region 12 (Central Mindanao): 1973 - 1990	2-38
Table 2.28	Consumer Price Index of Food, Beverages and Tobacco for Metropolitan Manila Area (NCR): 1973 to 1990	2-40
Table 2.29	Retail Price Index for Metropolitan Manila Area (NCR): 1973 to 1990	2-42
Table 2.30	General Wholesale Price Index for Metropolitan Manila Area (NCR): 1976 to 1990	2-44

Table 2.31	Wholesale Price Index of Selected Materials Used in Construction Activities in Metropolitan Manila Area (NCR): 1976 to 1990	2-46
Table 2.32	Retail Price Index of Selected Materials in Construction Activities in Metropolitan Manila Area (NCR): 1976 to 1990	2-48
Figure 2.1	Consumer Price Index for All Income Households in the Philippines, 1980 to 1990	2-7
Figure 2.2	General Wholesale and Retail Price Indices for Metro Manila Area, 1980 to 1990	2-39

Figure 2.1 Consumer Price Index for All Income Household in the Philippines, 1981 to 1990

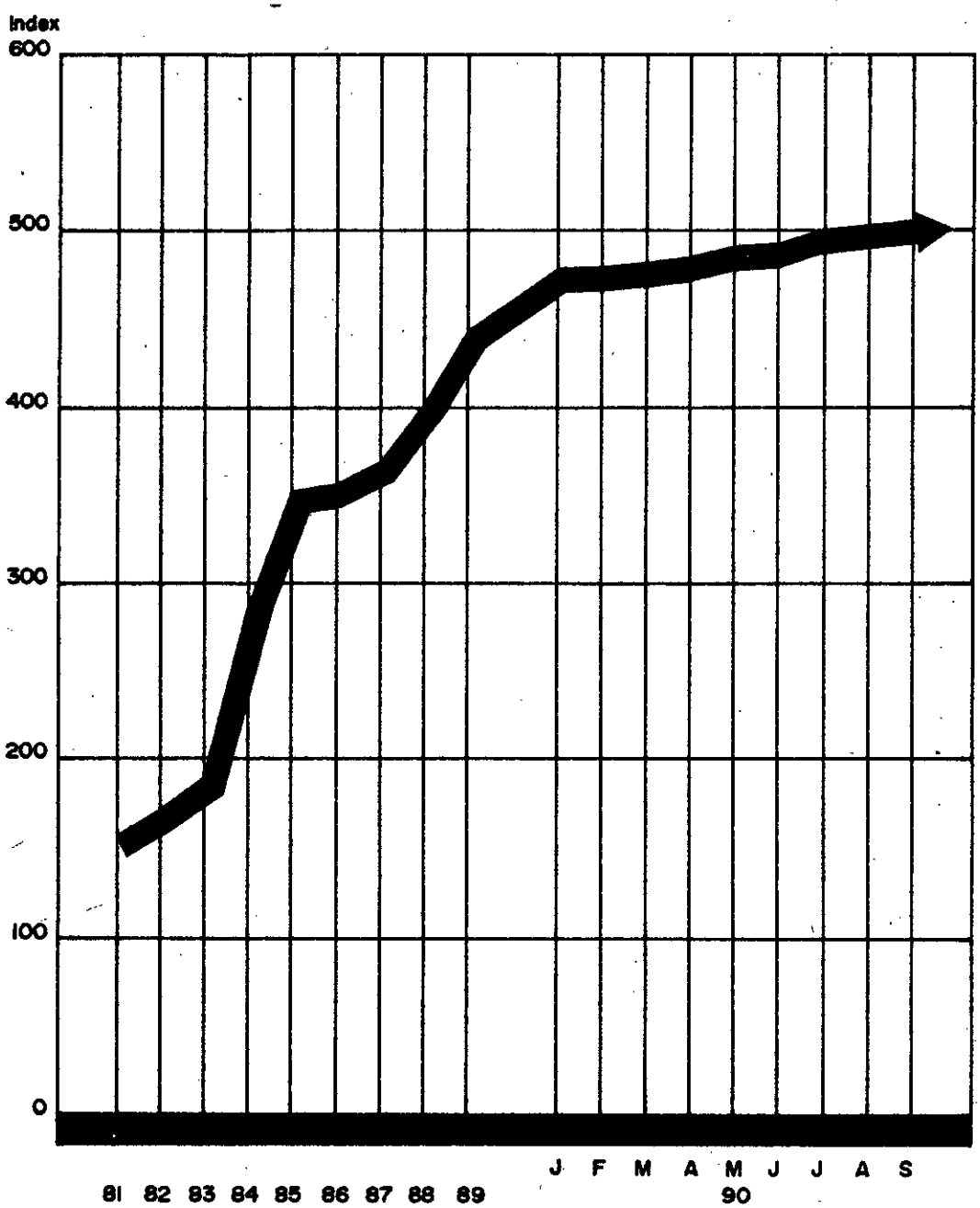


Table 2.1 – TOTAL NUMBER OF FAMILIES, BY INCOME CLASS, PHILIPPINES:

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

Source: National Statistics Office.

TOTAL AND AVERAGE FAMILY INCOME
1961, 1965 and 1971

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

Table 2.2 – TOTAL NUMBER OF FAMILIES, TOTAL AND BY INCOME CLASS

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

at current prices

Note: Figures for 1988 exclude data for Rizal province as fire destroyed accomplished questionnaires of this province.

Source: National Statistics Office.

AVERAGE FAMILY INCOME AND EXPENDITURES
PHILIPPINES: 1985 and 1988

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

Table 2.3 – TOTAL NUMBER OF FAMILIES, TOTAL AND BY INCOME CLASS

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

1 at current prices

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

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

1988 [1]				
Total number of families (thousands)	Income		Expenditures	
	Total (thousand pesos)	Average (pesos)	Total (thousand pesos)	Average (pesos)
3,985	240,422,238	60,330	188,493,475	47,299
21	93,779	4,376	139,920	6,530
73	605,689	8,284	700,948	9,586
195	2,492,045	12,763	2,523,904	12,926
304	5,306,175	17,466	5,204,427	17,131
718	17,890,344	24,929	16,901,744	23,552
597	20,811,474	34,865	18,805,316	31,504
802	39,435,251	491,599	34,163,126	42,587
753	57,237,070	76,033	46,152,701	61,309
522	96,550,411	184,966	63,901,389	122,419
6,549	185,228,715	28,284	154,084,625	23,529
158	735,274	4,659	855,251	5,419
560	4,616,518	8,250	5,008,993	8,951
1,223	15,435,805	12,620	15,586,544	12,744
1,109	19,362,963	17,467	18,381,737	16,582
1,548	37,901,011	24,490	33,672,658	21,758
786	27,170,806	34,565	22,973,183	29,225
674	32,546,473	48,261	25,791,950	38,245
357	26,435,079	74,018	19,658,209	55,043
135	21,024,786	156,296	12,156,100	90,367

Table 2.4 – NUMBER OF FAMILIES, AVERAGE ANNUAL

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

1 Final results of 1988 FIES exclude data for Rizal Province.

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

INCOME AND EXPENDITURES BY REGION: 1985 and 1988

	1988 (at current prices)			1988 (at 1985 prices) [1]		
Number of families (thousand)	Average Income	Average Expenditures	Savings	Average Income	Average Expenditures	Savings
10,534	40,408	32,521	7,887	35,531	28,596	6,935
3,985	60,330	47,299	13,031	53,048	41,590	11,458
6,549	28,284	23,529	4,755	24,870	20,689	4,181
1,435	79,314	60,355	18,959	64,118	48,792	15,327
214	33,838	28,722	5,116	30,154	25,595	4,559
625	34,031	27,670	6,361	31,666	25,747	5,919
438	32,939	24,582	8,357	28,162	21,017	7,145
1,038	46,855	38,660	8,195	41,510	34,250	7,260
1,284	37,978	32,058	5,920	33,136	27,971	5,165
738	26,570	23,253	3,317	23,307	20,397	2,910
957	31,164	27,162	4,002	28,799	25,101	3,698
830	27,972	22,157	5,815	25,581	20,263	5,318
598	25,345	20,533	4,812	22,586	18,298	4,288
539	31,984	24,624	7,360	29,614	22,799	6,815
607	35,801	28,865	6,936	33,008	26,613	6,395
738	37,132	30,061	7,071	32,107	25,993	6,114
493	35,090	27,696	7,394	31,448	24,821	6,627

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

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

Source: National Statistics Office.

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

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

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

Source: National Statistics Office.

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

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

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

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

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

Source: Inter-agency Working Group on Poverty Determination; National Economic and Development Authority (NEDA), National Statistics Office (NSO), Food and Nutrition Research Instiotute (FNRI).

Table 2.11 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND INFLATION RATE: 1973 to 1990

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	10.2	176.2	11.0	172.6	10.1
1983	190.5	10.0	195.3	10.8	189.6	9.8
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
1989	443.5	10.6	477.2	9.6	437.0	10.7
January	423.2	9.0	454.7	9.0	417.1	9.0
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
July	444.7	10.3	477.9	8.9	438.3	10.6
August	452.1	11.7	484.6	10.2	445.8	12.0
September	455.6	12.6	487.8	10.6	449.4	13.0
October	459.9	13.4	493.5	11.9	453.4	13.8
November	464.8	12.7	498.0	10.3	458.4	13.2
December	475.3	14.1	508.4	12.7	468.9	14.3
1990						
January	478.8	13.1	509.3	12.0	472.9	13.4
February	479.6	12.8	512.5	11.4	473.3	13.2
March	481.0	13.4	516.0	12.9	474.2	13.5
April	484.5	13.6	527.8	14.3	476.1	13.4
May	487.6	13.1	532.3	14.1	479.0	12.9
June	492.9	12.2	542.4	14.0	483.3	11.8
July	500.6	12.6	556.7	16.5	489.8	11.7
August	502.2	11.1	559.1	15.4	491.2	10.2
September	505.8	11.0	569.2	16.7	493.6	9.8

Table 2.12 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE PHILIPPINES: 1973 to 1990

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	443.5	429.5	470.3	454.6	576.2	440.2	420.7
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	421.3	413.8
June	439.4	423.7	468.9	454.0	569.7	439.0	419.3
July	444.7	429.7	471.9	459.9	574.7	443.9	422.1
August	452.1	439.0	475.5	464.8	581.3	448.7	426.6
September	455.6	442.3	476.8	468.2	589.8	452.8	429.8
October	459.9	446.4	480.1	475.3	597.7	454.6	433.0
November	464.8	452.1	484.2	478.3	604.1	458.8	435.8
December	475.3	459.3	488.9	480.1	640.3	493.1	438.0
1990							
January	478.8	460.4	494.0	486.0	653.1	500.9	443.2
February	479.6	458.0	497.4	489.1	673.2	503.8	446.1
March	481.0	457.5	500.3	496.2	679.8	505.4	447.7
April	484.5	459.4	502.6	509.2	693.1	506.3	449.4
May	487.6	463.1	504.8	510.2	700.4	507.7	451.1
June	492.9	468.1	507.0	515.2	711.1	517.2	453.1
July	500.6	476.8	510.8	525.3	713.0	526.7	455.3
August	502.2	477.7	513.5	528.5	718.2	527.7	457.2
September	505.8	481.8	517.9	530.3	722.5	530.2	460.3

Table 2.13 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN METROPOLITAN MANILA AREA (NCR): 1973 TO 1990 (1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	477.2	454.3	516.3	513.0	722.8	439.7	420.5
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
July	477.9	450.9	519.8	515.4	723.2	447.7	426.1
August	484.6	462.2	520.2	523.5	724.6	448.2	424.9
September	487.8	467.3	521.4	523.9	729.8	449.7	425.7
October	493.5	476.0	520.7	528.0	737.0	451.8	427.5
November	498.0	480.2	526.1	529.0	752.2	458.6	429.7
December	508.4	488.4	534.2	529.1	794.1	483.1	428.6
1990							
January	509.3	484.1	535.4	533.0	804.7	492.7	431.8
February	512.5	479.5	538.2	540.8	876.3	493.8	434.8
March	516.0	479.1	538.2	560.0	888.2	494.3	435.3
April	527.8	488.4	539.4	602.2	898.1	495.0	436.6
May	532.3	495.8	540.0	603.7	900.9	497.2	438.8
June	542.4	510.4	540.8	609.3	906.3	508.0	442.1
July	556.7	525.2	543.8	644.7	915.5	512.9	444.1
August	559.1	525.6	546.7	655.2	919.8	513.6	445.0
September	569.2	541.4	554.1	655.8	929.9	520.1	448.8

Table 2.14 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN AREAS OUTSIDE METROPOLITAN MANILA AREA: 1973 TO 1990 (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
1989	437.0	425.6	461.1	436.3	549.0	438.6	420.7
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
July	438.3	426.4	462.2	442.6	547.2	442.8	421.3
August	445.8	435.4	466.4	446.4	554.8	448.8	426.9
September	449.4	438.4	467.7	450.8	564.0	453.8	430.6
October	453.4	441.8	472.5	458.5	571.9	455.4	434.1
November	458.5	447.8	476.4	462.5	576.7	458.9	437.0
December	468.9	454.8	479.7	464.8	611.8	476.1	439.9
1990							
January	472.9	456.7	485.6	471.3	625.0	503.4	445.5
February	473.3	454.7	489.1	472.9	635.6	506.8	448.4
March	474.2	454.2	492.6	476.3	641.2	508.8	450.2
April	476.1	454.9	495.1	480.1	655.1	509.7	451.9
May	479.0	458.0	497.6	481.0	663.0	510.9	453.6
June	483.3	461.5	500.2	485.8	674.9	520.0	455.3
July	489.8	469.3	504.1	488.0	675.5	530.9	457.5
August	491.2	470.3	506.8	488.9	680.8	531.9	459.6
September	493.6	472.6	510.5	491.1	684.1	533.2	462.6

Table 2.15 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE CORDILLERA AUTONOMOUS REGION: 1988 to 1990 (1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
1988	393.5	360.8	410.9	497.1	481.4	422.4	417.0
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
1989	443.3	417.1	438.4	574.3	475.3	449.4	438.9
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
July	442.0	424.7	453.4	509.9	483.4	450.4	440.1
August	444.3	429.4	455.2	510.5	459.4	451.3	438.7
September	454.9	430.0	438.1	581.6	465.9	479.3	444.0
October	479.5	436.6	438.7	753.8	473.0	479.2	447.1
November	484.9	443.7	438.9	754.1	473.0	487.2	449.9
December	492.7	449.0	441.4	754.5	481.9	525.9	455.8
1990							
January	494.3	447.7	441.3	756.0	493.9	544.2	459.4
February	493.1	444.5	444.0	755.5	504.2	547.1	459.0
March	490.0	439.4	445.4	755.5	503.5	547.6	458.0
April	489.3	437.8	446.5	756.1	503.5	547.8	460.2
May	492.7	442.6	447.7	756.3	504.3	549.3	463.3
June	495.4	446.0	448.2	756.4	504.3	553.9	464.6
July	500.7	452.6	449.7	758.0	504.4	562.6	466.2
August	503.0	456.0	450.3	758.1	504.5	562.6	467.3
September	509.4	465.5	451.7	758.7	508.3	563.0	470.6

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 1990 (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
1989	421.6	409.3	466.6	356.9	543.3	446.2	456.0
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
July	422.4	407.6	474.6	359.2	549.1	447.5	463.2
August	432.3	423.9	479.4	358.7	549.2	448.8	462.2
September	437.2	427.5	478.6	358.1	591.5	449.8	462.0
October	440.0	431.9	478.3	357.6	593.5	450.1	463.9
November	447.6	439.0	482.4	371.0	598.5	455.8	473.5
December	456.4	443.1	483.9	371.7	611.3	514.4	474.1
1990							
January	460.6	440.0	496.4	373.8	661.2	523.5	488.5
February	457.9	433.6	498.5	375.0	664.4	524.3	496.0
March	454.4	429.6	500.3	375.1	647.7	524.3	493.7
April	456.2	431.7	500.7	376.6	650.4	524.3	496.1
May	463.2	442.0	504.0	376.8	658.5	524.5	498.3
June	467.9	446.8	507.6	377.3	660.9	536.6	501.8
July	481.9	469.2	508.9	377.5	661.0	538.5	508.9
August	484.7	473.5	510.2	377.8	661.0	538.5	510.5
September	489.7	480.2	514.2	377.7	670.2	540.0	512.4

Table 2.17 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 2 (CAGAYAN VALLEY): 1973 TO 1990 (1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
1973	55.1	57.6	51.3	47.4	37.3	58.8	49.3
1974	74.1	77.2	75.4	64.3	58.0	65.8	71.8
1975	79.9	82.2	83.4	63.4	75.0	71.3	86.4
1976	86.8	89.7	85.2	73.3	77.3	78.0	91.5
1977	94.2	96.7	93.1	83.9	80.9	89.9	95.4
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1979	116.0	114.6	116.7	116.0	122.7	119.9	120.2
1980	139.0	133.8	151.8	138.7	148.3	153.0	148.9
1981	159.9	150.5	180.2	187.6	173.5	168.3	172.6
1982	171.7	161.6	186.4	211.2	197.8	178.9	180.2
1983	187.9	173.3	195.9	245.6	244.1	213.3	190.4
1984	260.5	245.2	268.8	290.7	388.8	309.6	244.2
1985	325.4	309.8	352.8	329.6	486.4	375.1	305.9
1986	340.4	319.0	391.5	346.2	471.8	396.8	342.8
1987	351.7	327.4	400.3	358.2	476.2	423.9	365.8
1988	380.9	359.0	432.6	388.0	473.8	447.1	388.8
1989	419.8	406.2	457.5	405.5	445.3	483.6	418.0
January	393.5	378.6	438.8	387.5	431.5	453.9	384.5
February	395.1	380.2	440.2	388.2	431.3	455.3	387.7
March	394.4	377.6	441.6	390.3	433.7	456.1	393.8
April	397.2	380.5	442.0	391.9	434.2	460.7	398.8
May	400.3	383.5	445.9	393.7	434.3	463.6	404.8
June	407.0	390.6	451.8	404.0	434.5	466.6	411.9
July	415.4	399.4	454.4	409.0	436.7	481.1	422.7
August	424.0	411.3	458.0	413.1	437.2	482.1	426.7
September	433.3	418.2	470.3	415.9	447.4	505.9	441.1
October	448.8	439.6	477.6	418.0	454.6	512.9	445.0
November	456.8	451.2	479.4	417.3	457.9	515.9	448.3
December	472.3	464.1	490.0	437.4	509.9	549.1	451.1
1990							
January	473.2	460.6	494.7	459.9	510.3	555.0	555.2
February	468.3	449.1	499.7	462.0	541.3	563.5	455.1
March	469.5	447.8	498.2	487.3	541.0	563.7	455.8
April	470.3	449.0	498.6	487.1	541.3	563.8	456.1
May	475.4	456.0	501.7	491.9	541.4	565.0	455.4
June	477.3	458.0	501.1	492.3	541.0	572.7	454.7
July	482.8	462.4	505.0	492.6	541.5	596.3	456.5
August	488.5	470.0	509.2	494.5	542.6	598.8	458.9
September	493.9	475.3	514.1	496.0	554.3	601.1	469.2

Table 2.18 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 3 (CENTRAL LUZON): 1973 TO 1990 (1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	459.4	450.7	494.6	426.7	583.3	468.1	434.3
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
July	458.9	444.9	491.6	437.1	614.1	475.9	428.0
August	467.2	455.8	500.8	442.5	600.6	480.6	440.1
September	472.6	463.8	502.5	442.6	606.7	481.0	443.6
October	475.1	465.2	512.4	443.4	616.7	481.3	446.8
November	479.1	471.2	513.3	445.1	617.1	482.6	448.3
December	498.5	491.4	509.7	446.2	637.1	548.7	450.4
1990							
January	499.5	490.5	513.5	447.7	639.6	554.4	454.9
February	492.3	476.5	515.7	447.5	643.7	556.7	458.8
March	492.2	475.3	516.1	450.9	646.0	557.2	458.5
April	491.2	473.2	516.7	451.6	646.0	558.0	459.4
May	492.3	474.3	517.1	452.0	648.3	559.9	460.7
June	497.9	478.6	518.4	455.9	660.4	577.8	461.8
July	506.7	493.4	519.3	456.1	658.9	579.3	462.8
August	510.5	498.1	520.2	456.7	666.8	580.5	462.9
September	514.9	505.1	525.2	457.4	666.5	581.8	464.9

Table 2.19 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 4 (SOUTHERN TAGALOG): 1973 TO 1990 (1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	428.5	431.9	479.1	377.5	444.0	431.8	419.9
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
July	429.4	429.1	481.5	388.7	445.0	438.4	423.3
August	439.8	444.5	482.7	389.7	446.4	441.5	435.7
September	441.4	447.5	485.1	390.5	446.7	443.7	426.4
October	446.6	452.6	491.8	392.5	460.4	445.8	429.8
November	450.6	459.4	494.8	392.6	460.8	447.0	431.2
December	460.7	464.7	503.3	397.0	516.3	475.9	435.7
1990							
January	466.7	468.1	510.0	411.9	525.8	481.5	444.5
February	465.3	463.7	512.4	413.2	528.1	486.9	447.5
March	464.8	460.5	517.7	414.5	532.8	489.1	451.6
April	468.1	461.6	522.7	428.4	537.1	490.8	454.9
May	470.8	465.0	526.1	429.3	539.9	491.3	457.2
June	474.6	467.4	528.7	432.4	541.8	507.6	458.6
July	482.3	476.4	535.4	439.4	544.2	514.7	463.0
August	484.9	479.9	538.3	440.1	544.3	515.2	465.3
September	490.3	487.3	542.1	441.1	547.9	516.9	469.8

Table 2.20 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 5 (BICOL): 1973 TO 1990 (1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	439.6	431.4	468.6	441.2	533.0	372.7	441.9
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
July	440.4	430.8	475.1	456.6	521.3	369.6	444.4
August	445.6	438.3	476.6	460.9	508.4	369.9	460.5
September	448.0	439.6	476.7	463.1	522.6	371.7	464.2
October	450.4	441.2	481.7	466.7	525.3	372.1	469.9
November	459.1	447.9	486.6	469.9	552.5	396.9	470.9
December	471.3	454.1	491.4	472.0	589.3	456.5	479.9
1990							
January	477.1	462.8	498.9	475.6	577.1	460.2	481.8
February	476.1	459.1	502.4	478.5	580.1	462.3	484.6
March	478.1	459.9	505.7	486.4	584.0	464.5	486.3
April	478.1	459.2	507.7	487.9	583.6	465.3	487.0
May	478.3	459.1	508.3	489.0	583.6	465.9	487.7
June	481.7	462.4	510.3	490.2	585.5	477.3	489.7
July	484.7	466.3	512.9	491.4	588.1	479.8	489.1
August	487.5	468.9	516.6	496.1	591.7	481.5	490.8
September	490.7	472.6	519.1	497.4	597.6	482.1	492.6

Table 2.21 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 6 (WESTERN VISAYAS): 1973 TO 1990 (1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	446.4	428.1	451.1	446.1	679.6	424.9	450.7
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
July	449.3	430.8	451.8	456.4	674.8	431.4	447.5
August	457.1	438.3	476.6	460.5	679.7	448.0	455.1
September	459.9	441.5	459.2	461.8	667.2	450.4	465.2
October	462.0	442.7	461.0	462.7	685.2	450.6	467.1
November	465.8	448.5	464.1	463.3	685.7	450.8	468.9
December	477.0	453.7	468.7	464.1	746.7	487.1	470.2
1990							
January	483.2	457.0	474.4	480.2	768.7	494.3	474.6
February	485.7	459.4	481.5	480.4	769.4	496.0	478.1
March	486.2	458.3	487.5	482.4	769.5	497.9	481.0
April	487.1	459.0	488.9	483.0	771.0	498.8	483.5
May	490.3	462.4	490.0	485.1	777.4	502.2	485.7
June	497.0	466.1	491.3	514.8	802.0	505.2	487.4
July	508.0	473.5	500.6	516.7	804.5	550.8	489.7
August	508.2	471.3	503.5	516.5	823.3	551.9	490.8
September	511.6	474.7	509.2	518.4	828.8	554.8	493.8

Table 2.22 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 7 (CENTRAL VISAYAS): 1973 to 1990 (1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	444.6	432.5	438.0	529.3	433.6	473.4	403.4
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
July	441.3	426.9	433.6	536.1	426.6	473.3	402.7
August	449.7	436.1	440.8	543.2	426.6	489.5	405.0
September	454.4	441.9	444.0	545.7	431.0	495.2	406.0
October	457.7	446.2	448.5	546.1	432.8	495.8	409.5
November	468.7	461.9	453.3	549.0	438.0	497.8	419.3
December	477.2	467.0	455.6	548.4	488.7	515.5	421.6
1990							
January	480.5	469.8	461.9	549.4	488.8	522.2	426.0
February	483.5	472.9	468.4	551.3	489.8	524.9	428.6
March	483.9	471.5	470.7	555.0	494.5	527.0	430.4
April	484.9	472.4	473.2	555.4	494.8	527.0	432.7
May	489.0	475.4	480.3	555.6	519.7	528.3	433.7
June	494.4	483.3	483.9	555.8	524.1	529.8	435.7
July	500.7	493.8	485.2	525.4	525.4	535.0	436.7
August	502.0	493.4	486.1	536.6	536.6	535.0	437.2
September	498.3	486.5	486.8	536.6	536.6	535.3	437.9

Table 2.23 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 8 (EASTERN VISAYAS): 1973 to 1990 (1978 = 100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	423.3	404.3	439.3	529.4	535.6	403.2	404.3
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
July	430.8	415.4	441.7	530.2	535.3	402.0	406.8
August	435.7	420.7	447.0	533.8	534.1	408.8	410.9
September	436.6	420.0	449.6	537.6	534.3	414.3	417.4
October	434.6	415.8	452.5	534.8	536.2	419.9	419.4
November	435.7	416.6	453.3	539.5	536.5	422.8	419.2
December	443.5	422.7	460.5	541.4	565.2	441.9	421.5
1990							
January	450.4	429.5	463.5	548.7	581.7	447.9	427.1
February	451.0	429.6	462.4	551.6	580.0	454.3	427.0
March	451.1	427.1	466.6	558.0	591.6	458.3	427.5
April	450.2	425.0	468.8	558.8	591.9	459.6	429.1
May	451.6	426.1	469.8	558.9	601.1	460.7	429.6
June	454.9	429.8	472.8	563.4	601.4	464.3	430.5
July	459.5	436.0	475.1	564.5	601.1	468.5	430.7
August	458.8	433.9	480.1	565.0	596.5	468.6	437.6
September	458.8	433.1	481.6	567.0	596.4	469.0	440.1

Table 2.24 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 9 (WESTERN MINDANAO): 1973 TO 1990 (1978=100)

Period	All items	Food, beverages and tobacco	Clothing	Housing and repairs	Fuel, light and water	Services	Miscel-laneous
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
1989	415.2	403.0	425.1	440.5	543.5	414.6	408.3
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
July	419.4	409.1	423.8	457.2	545.1	416.7	410.3
August	421.4	409.5	428.7	459.0	546.8	423.4	417.5
September	427.5	417.5	429.3	462.3	551.6	429.0	417.3
October	433.6	422.8	437.0	464.6	568.6	437.9	422.0
November	436.9	425.8	447.1	469.4	556.5	442.8	426.9
December	444.3	431.2	449.1	472.6	609.8	455.3	428.3
1990							
January	446.3	429.8	456.9	476.9	630.5	464.2	434.0
February	449.3	429.3	467.2	484.2	646.5	470.8	443.9
March	452.9	432.9	477.1	488.2	645.5	474.3	444.8
April	454.2	434.1	480.2	490.1	644.6	474.4	446.3
May	456.4	436.5	483.8	490.7	647.0	476.0	447.4
June	459.2	438.0	497.7	497.7	643.0	479.3	450.0
July	461.3	439.7	504.7	498.7	635.9	485.2	453.3
August	459.7	436.3	505.5	500.3	643.0	486.9	453.4
September	454.4	427.4	505.9	503.7	643.5	487.8	457.8

Table 2.25 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 10 (NORTHERN MINDANAO): 1973 to 1990 (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
1989	391.0	377.3	430.8	397.6	562.5	396.1	383.8
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
July	450.1	452.4	456.0	430.7	593.0	419.8	409.7
August	456.0	458.6	459.4	433.2	617.0	424.5	412.5
September	460.4	460.6	453.8	439.9	651.6	438.7	416.2
October	467.9	469.4	456.9	447.1	660.1	441.0	420.5
November	469.6	469.6	458.8	456.9	664.5	441.8	423.3
December	477.6	476.6	462.0	457.9	695.7	463.3	426.8
1990							
January	479.4	476.8	466.7	458.9	710.7	469.6	431.6
February	483.7	480.7	471.2	466.0	717.1	472.7	434.1
March	485.3	481.8	474.5	467.3	718.7	477.3	437.1
April	489.3	486.0	481.8	470.8	721.5	479.5	439.2
May	492.6	490.4	483.1	472.4	720.3	479.6	442.0
June	493.7	491.0	486.5	472.4	720.7	485.1	444.0
July	496.4	493.0	486.6	473.4	720.2	498.9	446.0
August	492.1	485.5	488.8	474.1	721.0	503.1	447.5
September	489.5	477.7	492.3	490.4	727.5	504.5	451.8

Table 2.26 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 11 (SOUTHERN MINDANAO): 1973 TO 1990 (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
1989	402.7	385.8	446.8	418.9	581.8	385.8	356.9
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
July	440.0	423.7	472.1	504.4	629.2	398.3	374.8
August	449.5	426.9	474.3	514.7	734.2	400.0	375.3
September	450.2	423.5	472.8	520.0	752.5	408.1	378.1
October	452.3	425.8	474.6	520.3	753.1	408.7	384.2
November	456.0	429.7	475.0	532.8	752.1	411.5	384.5
December	462.1	430.7	475.7	533.1	761.8	452.8	386.5
1990							
January	462.1	428.1	477.3	533.1	784.6	451.1	388.9
February	474.3	439.4	478.3	533.6	865.7	455.6	390.8
March	482.1	446.6	482.5	534.1	909.9	460.1	391.9
April	493.5	450.6	487.2	538.3	1,044.3	460.6	393.2
May	496.7	452.2	492.4	538.3	1,072.5	461.7	394.0
June	503.6	455.9	493.5	539.5	1,132.9	469.4	395.0
July	504.4	455.8	495.7	541.8	1,133.6	472.0	396.2
August	502.8	451.4	498.9	542.3	1,136.1	473.7	400.7
September	503.8	451.6	502.9	545.9	1,136.4	474.2	403.0

Table 2.27 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 12 (CENTRAL MINDANAO): 1973 to 1990 (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
1989	426.8	406.2	432.5	418.2	553.1	534.0	390.8
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
July	432.1	415.6	426.2	420.7	542.1	535.3	390.8
August	438.2	422.9	432.1	427.9	537.1	538.0	394.8
September	438.2	421.2	433.4	431.8	544.0	540.2	399.7
October	438.9	419.7	436.9	445.1	558.0	541.2	400.8
November	442.9	422.2	450.1	445.9	581.5	541.7	403.4
December	446.7	423.3	452.2	448.1	593.0	563.7	403.5
1990							
January	455.3	430.4	461.2	448.3	623.6	580.4	409.5
February	456.8	432.9	463.2	447.7	610.4	581.8	409.6
March	459.4	434.9	465.8	455.8	617.4	583.4	413.0
April	460.6	436.5	466.9	455.8	618.3	583.9	412.7
May	463.1	439.0	469.7	456.9	622.1	584.6	417.8
June	465.6	440.7	472.5	458.4	635.0	588.9	420.8
July	468.9	443.7	477.7	457.7	634.6	595.4	423.2
August	471.6	445.7	483.9	460.8	642.2	595.9	428.8
September	475.4	449.7	490.5	463.0	646.4	596.7	431.4

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

Figure 2.2 General Wholesale Price Indices for Metro Manila and Outside Metro Manila, 1981 to 1990

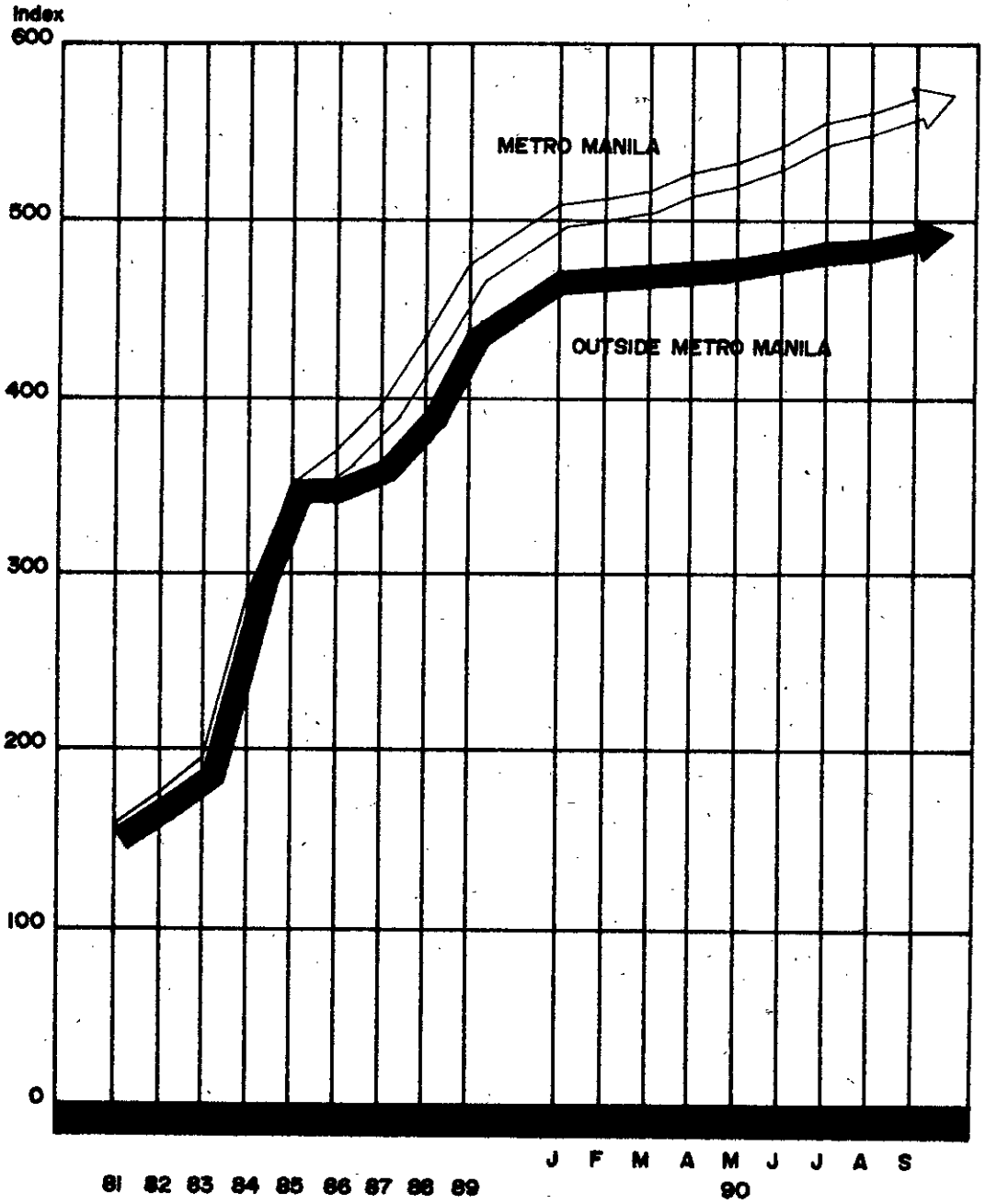


Table 2.28 – CONSUMER PRICE INDEX OF METROPOLITAN MANILA AREA (NATIONAL (1978

Period	Food beverages and tobacco	Cereals			Cereal prepara-tions	Dairy Product
		Rice and Corn	Rice	Corn		
1973	54.2	63.4	63.3	67.3	51.4	68.0
1974	74.8	81.0	80.8	90.9	81.9	83.7
1975	80.2	91.4	91.3	92.0	89.9	98.7
1976	85.4	96.9	96.9	96.9	92.8	96.2
1977	93.2	100.0	100.0	100.0	95.0	96.6
1978	100.0	100.0	100.0	100.0	100.0	100.0
1979	118.8	113.7	113.8	106.4	150.6	113.2
1980	136.9	121.1	121.0	122.6	190.3	137.9
1981	153.8	135.7	135.6	144.5	220.1	158.7
1982	165.9	141.8	141.7	146.4	242.4	178.6
1983	179.8	150.1	150.1	152.2	260.6	199.9
1984	279.9	233.1	233.0	236.7	415.9	346.6
1985	329.0	323.0	322.5	364.2	503.4	427.9
1986	342.4	315.0	314.3	364.8	531.9	442.0
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
1989	411.9	344.1	343.7	374.1	571.5	476.1
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
July	450.9	366.5	365.6	440.0	597.2	562.8
August	462.2	370.7	369.9	473.1	598.6	569.2
September	467.3	377.4	376.5	449.4	605.1	577.9
October	476.0	385.7	384.8	458.8	611.3	584.5
November	480.2	389.9	389.0	462.5	615.6	590.6
December	488.4	389.2	388.1	478.1	617.4	592.6
1990						
January	484.1	383.3	381.9	498.8	615.3	621.1
February	479.5	384.9	383.1	527.5	620.1	624.9
March	479.1	386.5	384.7	537.5	621.6	634.8
April	488.4	387.1	385.2	540.6	623.7	635.4
May	495.8	387.4	385.6	538.1	624.3	636.3
June	510.0	395.6	393.8	540.0	625.7	638.3
July	525.2	406.4	404.7	541.9	627.7	641.2
August	525.6	410.0	408.3	545.6	630.5	642.2
September	541.5	415.5	413.9	541.2	632.3	644.3

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

FOOD, BEVERAGES AND TOBACCO FOR CAPITAL REGION): 1973 to 1990 =100)

o d						
Eggs	Fish	Fruits and Vegetables	Meat	Miscellaneous	Beverage	Tobacco
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
273.4	437.0	428.1	371.2	406.3	499.0	476.3
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
292.0	543.2	454.9	402.6	426.1	543.8	493.2
295.1	571.6	505.5	405.2	422.8	548.0	492.2
303.3	559.1	540.7	408.0	425.8	543.8	491.4
308.0	566.8	574.8	409.8	432.2	549.7	490.2
320.8	576.9	562.5	416.1	433.6	568.7	495.7
348.6	621.4	528.2	431.8	434.4	588.2	504.2
347.4	626.5	458.9	426.2	459.2	595.4	509.2
319.8	624.1	424.5	422.1	454.1	602.0	512.0
303.4	604.0	435.5	428.4	451.8	503.8	523.1
295.4	640.8	450.8	437.1	452.8	604.9	523.6
299.0	648.6	506.6	436.7	452.6	603.9	523.3
338.5	683.3	561.0	435.3	453.0	611.3	524.6
348.3	685.7	660.0	437.6	455.6	618.1	526.3
350.1	714.9	596.2	444.7	455.8	627.8	530.5
347.3	717.5	727.4	438.6	458.9	636.3	541.8

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
1989	432.4	428.8	471.9	387.5	408.9
January	447.4	454.2	486.6	405.1	336.5
February	447.0	452.1	489.9	403.8	335.1
March	449.2	449.3	491.9	407.8	335.1
April	456.3	458.4	497.1	411.8	335.1
May	461.3	463.3	498.1	414.8	335.2
June	464.6	466.6	500.9	415.2	335.2
July	467.4	469.0	501.0	426.9	335.1
August	472.4	477.6	506.6	421.6	335.8
September	476.9	483.5	504.2	419.8	339.1
October	483.9	491.9	512.2	414.0	339.2
November	488.1	496.4	525.3	421.7	339.8
December	497.1	501.9	533.8	421.8	415.5
1990					
January	492.7	493.3	536.1	422.9	416.1
February	491.8	490.1	539.6	433.2	416.8
March	493.8	492.8	540.8	431.3	417.1
April	498.2	499.6	540.9	430.7	417.1
May	449.2	501.4	540.6	429.2	417.5
June	505.6	509.9	545.5	429.1	417.5
July	511.7	518.5	549.4	429.0	417.6
August	515.3	522.3	556.7	434.8	418.9

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

MANILA AREA (NATIONAL CAPITAL REGION): 1973 to 1990 = 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
455.4	447.5	342.0	456.9
462.4	457.2	347.6	474.8
462.7	461.0	349.9	480.0
467.4	483.9	352.2	483.6
471.5	488.6	354.6	489.9
474.5	499.4	358.0	492.6
478.1	505.4	357.1	495.9
482.5	509.4	362.3	499.6
479.9	505.7	368.9	499.9
477.8	511.0	369.2	503.1
483.8	518.3	370.2	509.0
484.7	521.0	368.7	508.3
484.2	523.3	370.1	514.2
486.2	525.5	370.5	522.3
493.6	526.4	373.1	524.0
492.1	529.3	372.3	524.0
493.7	529.4	373.1	526.2
496.6	528.3	373.3	527.0
496.3	533.9	375.3	528.4
504.3	535.5	375.8	529.2
506.0	538.1	376.4	531.7

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
1989	498.5	587.7	465.1	451.4	366.5
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	539.9	642.6	486.3	510.1	393.2
July	541.8	649.0	486.9	500.9	389.9
August	554.6	685.3	486.9	492.3	380.3
September	568.1	705.5	487.2	502.5	382.7
October	578.8	729.6	487.7	493.4	402.4
November	580.0	733.1	487.7	480.8	406.5
December	586.0	738.8	487.7	466.1	468.0
1990					
January	575.0	717.1	493.0	468.2	471.6
February	570.4	703.0	493.6	464.2	470.6
March	573.7	704.3	494.4	457.5	452.7
April	574.4	715.9	494.4	453.2	420.6
May	578.0	722.2	494.4	451.8	420.6
June	583.3	731.3	494.4	458.5	414.9
July	595.2	755.4	511.4	461.9	427.5
August	611.4	759.6	516.0	470.3	483.1

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

FOR METROPOLITAN MANILA AREA
1976 to 1990
= 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
423.4	441.0	427.4	534.2
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
436.9	479.8	440.2	548.1
427.8	487.0	440.9	548.3
419.5	489.7	442.7	552.1
426.8	497.3	457.0	577.1
421.0	502.4	457.7	577.1
419.8	512.5	458.2	574.0
416.0	533.9	458.4	574.4
381.7	521.2	458.8	574.5
410.8	524.6	459.0	575.0
420.6	530.3	481.9	575.0
410.8	528.1	482.5	575.6
411.0	532.5	489.4	573.4
406.7	540.7	489.4	585.2
405.2	540.4	489.5	586.6
416.1	542.6	490.1	588.0

Table 2.31 – WHOLESALE PRICE INDEX OF SELECTED METROPOLITAN MANILA AREA

1978

Period	Automotive fuel	Portland cement	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
1989	459.0	384.8	337.1	488.3
January	382.6	399.0	364.1	445.5
February	382.6	435.8	364.1	445.5
March	382.6	459.0	375.0	445.5
April	382.6	465.7	385.9	445.5
May	382.6	480.4	385.9	445.5
June	382.6	480.4	406.5	445.5
July	382.6	509.2	423.4	445.5
August	382.6	513.8	429.0	496.8
September	382.6	513.8	429.0	496.8
October	382.6	595.6	429.0	496.8
November	415.4	595.6	429.0	617.8
December	534.6	629.1	429.0	617.8
1990				
January	534.6	594.2	425.8	617.8
February	534.6	594.2	425.8	617.8
March	534.6	646.2	425.8	617.8
April	534.6	680.2	425.8	617.8
May	534.6	630.7	425.8	617.8
June	534.6	744.9	425.8	617.8
July	534.6	705.5	425.8	617.8
August	534.6	704.8	425.8	617.8

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): 1976 to 1990 = 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
403.8	383.4	281.5	393.1
419.1	411.5	289.5	401.6
429.3	411.5	371.7	401.6
438.1	426.3	299.2	435.8
441.5	445.0	305.3	435.8
445.7	463.1	306.7	444.3
451.6	481.2	306.5	470.0
461.3	485.5	308.9	470.0
467.7	485.5	316.3	478.5
489.5	496.8	313.7	478.5
491.2	493.4	314.7	478.5
507.4	508.9	311.5	487.1
507.8	547.7	313.6	487.1
520.1	547.7	316.9	482.8
530.0	547.7	318.6	482.8
530.6	547.7	318.6	482.8
525.2	537.7	318.0	491.3
524.7	537.7	318.9	491.3
533.3	537.7	319.8	491.3
532.6	537.7	319.8	491.3
536.6	545.5	319.8	508.4

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

Period	All Items	Carpentry Materials	Electrical Materials	Masonry Materials
1976	83.4	78.3	84.9	85.0
1977	91.2	91.0	99.2	93.3
1978	100.0	100.0	100.0	100.0
1979	127.6	134.1	125.8	131.4
1980	150.5	165.7	147.3	163.9
1981	161.7	176.3	157.6	177.3
1982	167.2	174.8	165.4	197.0
1983	188.9	190.4	189.7	219.3
1984	327.8	316.5	348.2	335.9
1985	350.4	339.8	359.9	361.1
1986	339.2	336.0	354.4	352.4
1987	348.8	361.2	367.7	354.1
1988	377.0	404.1	432.6	362.7
1989	459.0	384.8	337.1	488.3
January	383.3	426.2	446.2	375.4
February	392.4	424.5	464.3	392.1
March	422.5	464.2	477.9	413.2
April	436.9	503.3	490.1	416.3
May	449.7	525.1	496.2	422.0
June	457.9	531.8	497.9	422.5
July	462.5	546.8	505.3	417.5
August	460.0	532.6	508.2	419.2
September	466.9	531.5	519.4	414.5
October	472.6	534.5	504.5	432.9
November	475.1	544.6	502.1	434.3
December	475.5	547.0	503.1	438.7
1990				
January	478.1	549.5	504.0	435.0
February	476.1	542.0	502.6	443.3
March	484.5	540.4	501.6	455.9
April	482.5	537.5	502.4	466.7
May	481.2	537.3	504.4	456.0
June	485.7	535.7	506.2	484.0
July	487.1	539.6	516.0	479.2
August	493.0	552.5	515.2	483.0

Sources of basic data: National Statistics Office.

MATERIALS USED IN CONSTRUCTION ACTIVITIES IN (NATIONAL CAPITAL REGION): 1976 to 1990 = 100)

Painting Materials	Plumbing Materials	Tinsmithry Materials	Miscellaneous Construction Materials
94.9	80.2	87.1	85.5
99.7	88.3	93.2	85.3
100.0	100.0	100.0	100.0
117.5	118.3	119.0	124.2
136.2	130.9	131.9	131.3
149.6	142.1	157.0	133.1
156.9	149.9	169.5	128.4
169.5	172.3	204.2	155.9
298.7	345.0	426.9	285.6
337.0	370.4	478.7	282.6
338.1	374.4	406.2	277.0
343.4	386.7	415.4	268.0
356.4	402.4	453.6	293.6
403.8	383.4	281.5	393.1
357.3	413.2	473.5	283.0
356.1	422.2	473.4	283.1
365.3	432.8	473.8	340.8
365.9	433.6	478.1	340.8
371.3	445.8	473.4	358.8
372.1	448.9	474.0	389.0
377.4	456.1	470.5	389.0
376.5	458.4	498.1	382.1
371.3	480.5	513.8	410.5
374.2	481.6	522.8	409.8
372.2	491.4	596.1	398.4
383.2	493.3	511.1	394.4
379.6	519.8	527.3	389.8
390.8	523.8	508.7	386.7
382.9	521.8	504.4	426.8
389.6	521.9	480.8	418.5
383.3	521.8	478.2	427.9
384.1	521.8	469.0	426.8
385.6	527.4	473.5	426.5
389.0	532.6	480.2	424.0

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. Third, they present to economic planners, business executives, and the populace as a whole a set of macroeconomic indicators which are essential in planning and decision-making. Fourth, they indicate the various recipients of the nation's output by sectors, by industries or by households, the distributon 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).

Table 3.1	Gross National Product and Expenditure Account: 1975 to 1989 (at current prices)	3-8
Table 3.2	Personal Income and Outlay Account: 1975 to 1989 (at current prices)	3-10
Table 3.3	General Government Income and Outlay Account: 1975 to 1989 (at current prices)	3-12
Table 3.4	Combined Capital Reconciliation Account: 1975 to 1989 (at current prices)	3-14
Table 3.5	External Transactions Account: 1975 to 1989 (at current prices)	3-16
Table 3.6	Gross National Product by Expenditure Shares: 1975 to 1989 (at current prices)	3-18
Table 3.7	Gross National Product by Expenditure Shares: 1975 to 1989 (at constant prices of 1972)	3-20
Table 3.8	Implicit Price Index of Gross National Product by Expenditure Shares: 1975 to 1989 (Base Year: 1972 = 100)	3-22
Table 3.9	Gross National Product, National Income and Gross Domestic Product by Industrial Origin: 1975 to 1989 (at current prices)	3-24
Table 3.10	Gross National Product, National Income and Gross Domestic Product by Industrial Origin: 1975 to 1989 (at constant prices of 1972)	3-26
Table 3.11	Implicit Price Index of Gross National Product, National Income and Gross Domestic Product by Industrial Origin: 1975 to 1989 (Base Year: 1972 = 100)	3-28
Table 3.12	Per Capita Gross Domestic Product, Gross National Product, National Income and Personal Consumption Expenditures: 1975 to 1989	3-30
Table 3.13	Gross Value Added in Agriculture, Fishery and Forestry by Industry Group: 1975 to 1989 (at current prices)	3-32
Table 3.14	Gross Value Added in Agriculture, Fishery and Forestry by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-32
Table 3.15	Implicit Price Index of Gross Value Added in Agriculture, Fishery and Forestry by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-34

Table 3.16	Gross Value Added in Mining and Quarrying by Industry Group: 1975 to 1989 (at current prices)	3-36
Table 3.17	Gross Value Added in Mining and Quarrying by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-36
Table 3.18	Implicit Price Index of Gross Value Added in Mining and Quarrying by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-38
Table 3.19	Gross Value Added in Manufacturing by Industry Group: 1975 to 1989 (at current prices)	3-40
Table 3.20	Gross Value Added in Manufacturing by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-42
Table 3.21	Implicit Price Index of Gross Value Added in Manufacturing by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-44
Table 3.22	Gross Value of Construction and Gross Value Added by Type of Construction: 1975 to 1989 (at current prices)	3-46
Table 3.23	Gross Value of Construction and Gross Value Added by Type of Construction: 1975 to 1989 (at constant prices of 1972)	3-46
Table 3.24	Implicit Price Index of Gross Value of Construction and Gross Value Added by Type of Construction: 1975 to 1989 (Base Year: 1972 = 100)	3-46
Table 3.25	Gross Value Added in Electricity, Gas and Water by Industry Group: 1975 to 1989 (at current prices)	3-48
Table 3.26	Gross Value Added in Electricity, Gas and Water by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-48
Table 3.27	Implicit Price Index of Gross Value Added in Electricity, Gas and Water by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-48
Table 3.28	Gross Value Added in Transport, Communication and Storage by Industry Group: 1975 to 1989 (at current prices)	3-50
Table 3.29	Gross Value Added in Transport, Communication and Storage by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-50
Table 3.30	Implicit Price Index of Gross Value Added in Transport, Communication and Storage by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-50

Table 3.31	Gross Value Added in Finance and Housing by Industry Group: 1975 to 1989 (at current prices)	3-52
Table 3.32	Gross Value Added in Finance and Housing by Industry Group: 1975 to 1989 (at constant prices of 1972)	3-52
Table 3.33	Implicit Price Index of Gross Value Added in Finance and Housing by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-52
Table 3.34	Gross Value Added in Other Services by Industry Group: 1975 to 1989 (at current prices)	3-54
Table 3.35	Gross Value Added in Other Services by Industry Group: 1975 to 1987 (at constant prices of 1972)	3-54
Table 3.36	Implicit Price Index of Gross Value Added in Other Services by Industry Group: 1975 to 1989 (Base Year: 1972 = 100)	3-54
Table 3.37	Gross Domestic Capital Formation in Durable Equipment by Major Type: 1981 to 1989 (at current prices)	3-57
Table 3.38	Gross Domestic Product by Region: 1981 to 1989 (at current prices)	3-58
Table 3.39	Gross Domestic Product by Region: 1981 to 1989 (at constant prices)	3-58
Table 3.40	Implicit Price Index of Gross Domestic Product by Region: 1981 to 1989 (Base Year: 1972 = 100)	3-59
Table 3.41	Gross Value Added in Agriculture, Fishery and Forestry by Region: 1981 to 1989 (at current prices)	3-59
Table 3.42	Gross Value Added in Agriculture, Fishery and Forestry by Region: 1981 to 1989 (at constant prices)	3-60
Table 3.43	Implicit Price Index of Gross Value Added in Agriculture, Fishery and Forestry by Region: 1981 to 1989 (Base Year: 1972 = 100)	3-60
Table 3.44	Per Capita Gross Domestic Product by Region: 1981 to 1989 (at current prices)	3-61
Table 3.45	Per Capita Gross Domestic Product by Region: 1981 to 1989 (at constant prices)	3-61
Table 3.46	Growth Rates of Per Capita Gross Domestic Product by Region: 1981 to 1989 (at current prices)	3-62
Table 3.47	Growth Rates of Per Capita Gross Domestic Product by Region: 1981 to 1989 (at constant prices)	3-62

Table 3.48	Matrix of Technical Coefficients, 1983	3-64
Table 3.49	Matrix of Inverse Coefficients, $(I-A)^{-1}$ Philippines: 1983	3-66
Table 3.50	1983 Summary Matrix by Sector	3-68
Table 3.51	1984 Summary Matrix by Sector	3-70
Table 3.52	1985 Summary Matrix by Sector	3-72
Table 3.53	1986 Summary Matrix by Sector	3-74
Table 3.54	1987 Summary Matrix by Sector	3-76
Table 3.55	1988 Summary Matrix by Sector	3-78
Table 3.56	1989 Summary Matrix by Sector	3-80
Table 3.57	Flow of Funds Capital Accounts Matrix, 1983	3-82
Table 3.58	Flow of Funds Capital Accounts Matrix, 1984	3-90
Table 3.59	Flow of Funds Capital Accounts Matrix, 1985	3-98
Table 3.60	Flow of Funds Capital Accounts Matrix, 1986	3-106
Table 3.61	Flow of Funds Capital Accounts Matrix, 1987	3-114
Table 3.62	Flow of Funds Capital Accounts Matrix, 1988	3-122

Figure 3.1	Gross Domestic Product by Industrial Origin, 1980 to 1989 (at 1972 constant prices)	3-7
Figure 3.2	Per Capita Gross Domestic Product, Gross National Product, National Income and Personal consumption Expenditures, 1980 to 1989	3-56
Figure 3.3	Gross National Product by Expenditure Share, 1980 to 1989 (at 1972 constant prices)	3-63

Figure 3.1 Gross Domestic Product by Industrial Origin, 1980 to 1989 (at 1972 constant prices)

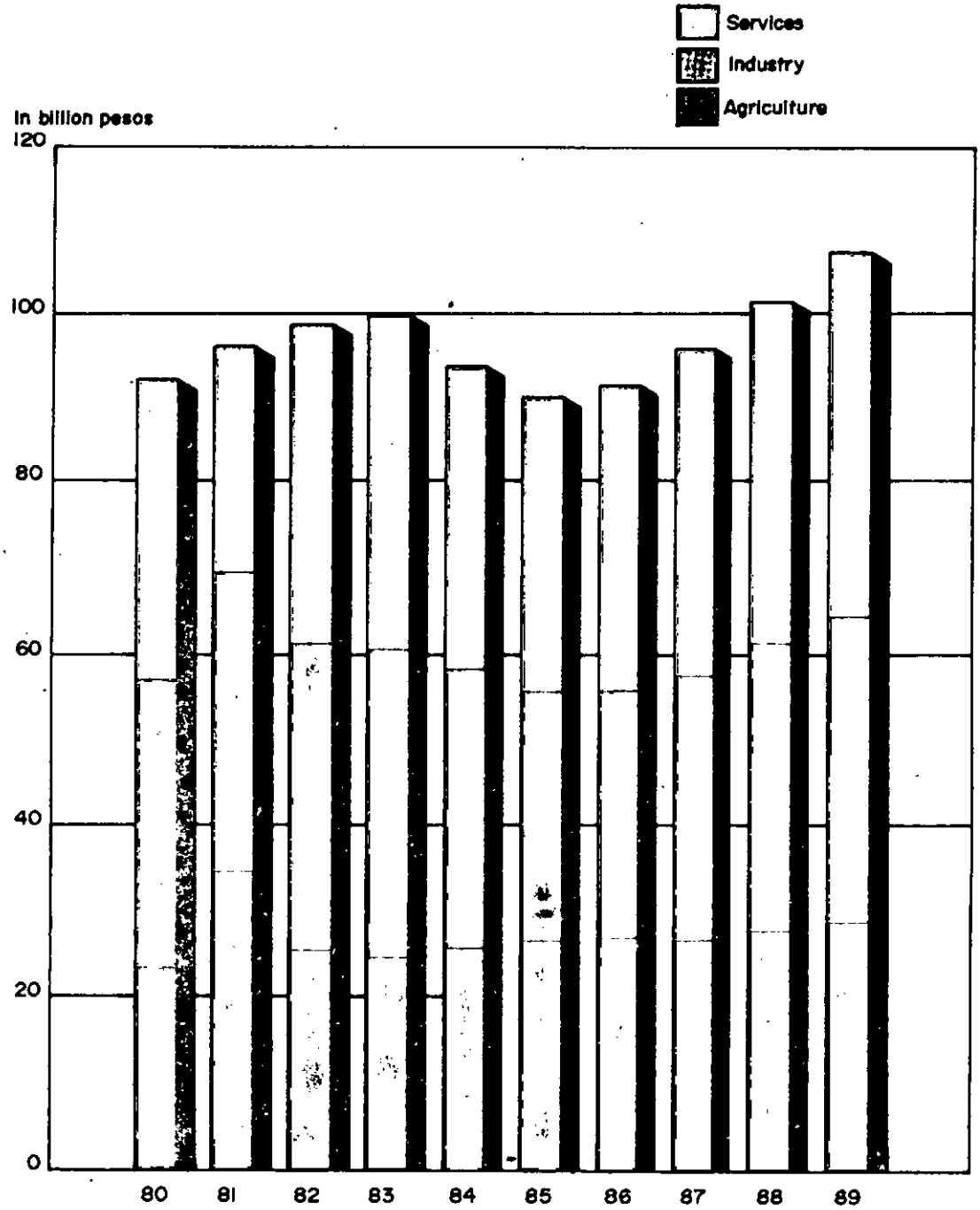


Table 3.1 – GROSS NATIONAL PRODUCT

(In million pesos

ITEM	1975	1976	1977	1978	1979	1980
1. Compensation of employees and entrepreneurial and property income of persons	86,122	102,344	117,905	134,168	158,292	193,779
2. General government income from property and entrepreneurship	608	830	1,355	1,528	1,891	2,525
3. Corporate income	5,243	6,373	5,794	7,716	14,932	17,926
a. Corporate tax	2,003	2,222	2,049	2,641	2,873	3,402
b. Corporate savings	3,240	4,151	3,745	5,075	12,059	14,524
NATIONAL INCOME OR NET NATIONAL PRODUCT at factor cost	91,973	109,547	125,054	143,412	175,115	214,230
4. Indirect taxes	11,822	12,394	14,059	17,424	22,967	26,519
5. Less subsidies	661	612	456	573	588	760
6. Depreciation	11,304	12,873	14,598	16,759	20,538	24,543
GROSS NATIONAL PRODUCT in purchaser's value	114,438	134,202	153,255	177,022	218,032	264,532
7. Personal consumption expenditure	76,165	87,120	102,626	118,846	146,577	178,119
8. General government consumption expenditures	11,115	13,165	14,348	16,127	18,259	21,191
9. Gross domestic capital formation	33,840	41,993	44,369	51,348	67,687	81,153
a. Fixed capital formation	27,132	33,693	36,440	42,305	56,306	67,993
b. Increase in stocks	6,708	8,300	7,929	9,043	11,381	13,160
10. Exports of goods and non-factor services	21,272	23,248	28,925	32,420	41,460	53,590
11. Less: Imports of goods and non-factor services	29,057	31,841	34,754	41,321	53,558	68,704
12. Statistical discrepancy	1,362	1,587	(1,288)	249	(2,882)	(699)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	114,697	135,272	154,226	177,669	217,543	264,650
13. Net factor income from the rest of the world	(259)	(1,070)	(971)	(647)	489	(118)
EXPENDITURES ON GROSS NATIONAL PRODUCT	114,438	134,202	153,255	177,022	218,032	264,532

Revised estimates as of April 1990.

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

AND EXPENDITURE ACCOUNT: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
223,531	247,970	278,068	416,147	466,644	460,193	508,300	623,887	736,602
3,404	4,737	5,801	7,033	9,350	6,421	11,013	14,912	18,082
20,107	19,399	21,008	6,506	5,181	6,594	36,202	41,441	39,313
4,104	4,503	4,799	8,181	8,350	8,675	13,032	14,918	14,152
16,003	14,896	16,209	(1,675)	(3,169)	(2,081)	23,170	26,523	25,161
247,042	272,106	304,877	429,686	481,175	490,712	555,515	680,240	793,997
26,705	29,512	35,608	44,697	50,216	53,955	71,619	65,329	84,010
777	847	919	777	870	1,646	1,388	1,169	3,732
30,658	34,664	39,180	53,749	67,222	71,682	77,615	78,470	87,101
303,628	335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,376
206,942	234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566
24,792	29,215	29,481	35,567	44,044	48,441	58,472	73,071	88,995
93,261	96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714
79,285	86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139
13,976	10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575
57,806	56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581
74,359	79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257
(3,184)	3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	1,398
305,258	340,597	384,096	540,466	612,684	627,129	708,368	825,852	963,997
(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)
303,628	335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,376

Table 3.2 – PERSONAL INCOME

(In million pesos

ITEM	1975	1976	1977	1978	1979	1980
1. Compensation of employees and enterpreneurial and property income of persons	86,122	102,344	117,905	134,168	158,292	193,779
3. Social security benefits	416	490	670	994	1,083	1,173
4. Other current transfers from general government	1,364	1,610	1,500	1,843	2,373	2,486
5. Current transfers from the rest of the world	1,825	1,767	1,794	2,089	2,496	3,034
CURRENT RECEIPTS	89,727	106,211	121,869	139,094	164,244	200,472
6. Personal consumption expenditures	76,165	87,120	102,626	118,846	146,577	178,119
7. Personal direct taxes	1,429	1,636	2,594	3,071	3,951	4,510
8. Social security contributions	1,065	1,253	1,655	1,976	2,334	2,692
9. Current transfers to the rest of the world	21	17	27	19	35	36
10. Statistical discrepancy	1,362	1,587	(1,288)	249	(2,882)	(699)
11. Personal savings	9,685	14,598	16,255	14,933	14,229	15,814
CURRENT DISBURSEMENTS	89,727	106,211	121,869	139,094	164,244	200,472

Revised estimates as of April 1990.

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

AND OUTLAY ACCOUNT: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
223,531	247,970	278,068	416,147	466,644	460,193	508,300	623,887	736,602
1,418	1,697	1,991	2,295	2,350	2,659	3,947	5,669	6,641
2,460	3,244	3,952	6,710	11,428	15,099	25,713	33,657	53,225
3,595	3,834	5,603	2,978	5,466	11,305	9,692	12,975	12,765
231,004	256,745	289,614	428,130	485,888	489,256	547,652	676,188	809,233
206,942	234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566
4,496	4,558	4,640	6,100	9,848	11,512	10,515	12,776	21,207
2,950	3,250	3,452	3,477	3,677	3,908	6,334	8,578	10,293
40	17	24	20	170	61	42	42	43
(3,184)	3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	1,398
19,760	10,888	3,538	4,904	7,020	15,109	658	50,066	71,726
231,004	256,745	289,614	428,130	485,888	489,256	547,652	676,188	809,233

Table 3.3 – GENERAL GOVERNMENT INCOME

(In million pesos

ITEM	1975	1976	1977	1978	1979	1980
1. General government income from property and entrepreneurship	608	830	1,355	1,528	1,891	2,525
2. Indirect taxes	11,822	12,394	14,059	17,424	22,967	26,519
3. Direct taxes	3,432	3,858	4,643	5,712	6,824	7,912
a. on corporations	2,003	2,222	2,049	2,641	2,873	3,402
b. on persons	1,429	1,636	2,594	3,071	3,951	4,510
4. Social security contributions	1,065	1,253	1,655	1,976	2,334	2,692
5. Current transfers from the rest of the world	301	205	154	265	208	240
CURRENT RECEIPTS	17,228	18,540	21,866	26,905	34,224	39,888
6. General government consumption expenditures	11,115	13,165	14,348	16,127	18,259	21,191
7. Subsidies	661	612	456	573	588	760
8. Social security benefits	416	490	670	994	1,083	1,173
9. Other current transfers to persons	1,364	1,610	1,500	1,843	2,373	2,486
10. Current transfers to the rest of the world	134	214	227	417	823	1,099
11. General government savings (dissavings)	3,538	2,449	4,665	6,951	11,098	13,179
CURRENT DISBURSEMENTS	17,228	18,540	21,866	26,905	34,224	39,888

Revised estimates as of April 1990.

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

AND OUTLAY ACCOUNT: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
3,404	4,737	5,801	7,033	9,350	6,421	11,013	14,912	18,082
26,705	29,512	35,608	44,697	50,216	53,955	71,619	65,329	84,010
8,600	9,061	9,439	14,281	18,198	20,187	23,547	27,694	35,359
4,104	4,503	4,799	8,181	8,350	8,675	13,032	14,918	14,152
4,496	4,558	4,640	6,100	9,848	11,512	10,515	12,776	21,207
2,950	3,250	3,452	3,477	3,677	3,908	6,334	8,578	10,293
281	407	624	948	2,025	1,915	1,753	3,689	5,269
41,940	46,967	54,924	70,436	83,466	86,386	114,266	120,202	153,013
24,792	29,215	29,481	35,567	44,044	48,441	58,472	73,071	88,995
777	847	919	777	870	1,646	1,388	1,169	3,732
1,418	1,697	1,991	2,295	2,350	2,659	3,947	5,669	6,641
2,460	3,244	3,952	6,710	11,428	15,099	25,713	33,657	53,225
991	1,230	1,978	4,598	4,192	6,230	12,661	12,974	16,035
11,502	10,734	16,603	20,489	20,582	12,311	12,065	(6,338)	(15,615)
41,940	46,967	54,924	70,436	83,466	86,386	114,266	120,202	153,013

Table 3.4 – COMBINED CAPITAL

(In million pesos

ITEM	1975	1976	1977	1978	1979	1980
1. Savings	16,463	21,198	24,665	26,959	37,386	43,517
a. of persons	9,685	14,598	16,255	14,933	14,229	15,814
b. of corporations	3,240	4,151	3,745	5,075	12,059	14,524
c. of general government	3,538	2,449	4,665	6,951	11,098	13,179
2. Capital consumption allowance	11,304	12,873	14,598	16,759	20,538	24,543
3. Capital transfers from the rest of the world, net	0	0	0	0	0	0
FINANCE OF GROSS ACCUMULATION	27,767	34,071	39,263	43,718	57,924	68,060
4. Gross domestic capital formation	33,840	41,993	44,369	51,348	67,687	81,153
a. Fixed capital formation	27,132	33,693	36,440	42,305	56,306	67,993
b. Increase in stocks	6,708	8,300	7,929	9,043	11,381	13,160
5. Net lending (borrowing) to the rest of the world	(6,073)	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)
GROSS ACCUMULATION	27,767	34,071	39,263	43,718	57,924	68,060

Revised estimates as of April 1990.

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

RECONCILIATION ACCOUNT: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
47,265	36,518	36,350	23,718	24,433	42,843	35,893	70,251	81,272
19,760	10,888	3,538	4,904	7,020	15,109	658	50,066	71,726
16,003	14,896	16,209	(1,675)	(3,169)	15,423	23,170	26,523	25,161
11,502	10,734	16,603	20,489	20,582	12,311	12,065	(6,338)	(15,615)
30,658	34,664	39,180	53,749	67,222	71,682	77,615	78,470	87,101
0	0	0	0	19	40	0	0	0
77,923	71,182	75,530	77,467	91,674	114,565	113,508	148,721	168,373
93,261	96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714
79,285	86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139
13,976	10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575
(15,338)	(25,339)	(26,996)	(14,484)	6,272	33,459	(210)	5,465	(11,341)
77,923	71,182	75,530	77,467	91,674	114,565	113,508	148,721	168,373

Table 3.5 – EXTERNAL TRANSACTIONS

(In million pesos

ITEM	1975	1976	1977	1978	1979	1980
1. Exports of goods and non-factor services	21,272	23,248	28,925	32,420	41,460	53,590
a. Merchandise, f.o.b.	16,343	18,593	22,994	24,954	33,506	42,709
b. Other exports	4,929	4,655	5,931	7,466	7,954	10,881
2. Compensation of employees from the rest of the world	738	824	1,570	2,133	4,028	4,721
3. Property and entrepreneurial income from the rest of the world	1,223	942	902	1,328	1,565	2,339
4. Current transfer from the rest of the world	2,126	1,972	1,948	2,354	2,704	3,274
a. to general government	301	205	154	265	208	240
b. to persons	1,825	1,767	1,794	2,089	2,496	3,034
CURRENT RECEIPTS	25,359	26,986	33,345	38,235	49,757	63,924
5. Imports of goods and non-factor services	29,057	31,841	34,754	41,321	53,558	68,704
a. Merchandise, f.o.b.	24,592	26,520	28,550	34,258	44,890	57,056
b. Other imports	4,465	5,321	6,204	7,063	8,668	11,648
6. Compensation of employees to the rest of the world	56	44	41	32	44	65
7. Property and entrepreneurial income to the rest of the world	2,164	2,792	3,402	4,076	5,060	7,113
8. Current transfer to the rest of the world	155	231	254	436	858	1,135
a. by general government	134	214	227	417	823	1,099
b. by persons	21	17	27	19	35	36
CURRENT DISBURSEMENT	31,432	34,908	38,451	45,865	59,520	77,017
9. Surplus of the nation on current transactions	(6,073)	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)
10. Capital transfers from the rest of the world, net	-	-	-	-	-	-
11. Net lending (borrowing) to the rest of the world	(6,073)	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)
12. Memorandum item: Net factor income from the rest of the world	(259)	(1,070)	(971)	(647)	489	(118)

Revised estimates as of April 1990.

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

ACCOUNTS: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
57,806	56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581
44,378	42,136	54,609	88,818	84,126	95,391	113,941	145,566	166,735
13,428	14,014	20,658	28,883	42,445	59,713	49,531	57,370	75,846
6,049	9,375	12,246	16,395	19,368	21,257	24,965	27,619	32,669
4,121	3,135	3,394	5,539	6,676	4,781	7,098	6,229	7,793
3,876	4,241	6,227	3,926	7,491	13,220	11,445	16,664	18,034
281	407	624	948	2,025	1,915	1,753	3,689	5,269
3,595	3,834	5,603	2,978	5,466	11,305	9,692	12,975	12,765
71,852	72,901	97,134	143,561	160,106	194,362	206,980	253,448	301,077
74,359	79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257
61,911	64,835	82,234	100,213	92,659	98,615	134,183	163,764	221,056
12,448	14,486	18,904	18,169	15,847	17,573	23,214	34,373	32,201
71	69	74	20	19	122	62	209	87
11,729	17,603	20,916	35,025	40,966	38,342	37,008	36,621	42,996
1,031	1,247	2,002	4,618	4,362	6,291	12,723	13,016	16,078
991	1,230	1,978	4,598	4,192	6,230	12,681	12,974	16,035
40	17	24	20	170	61	42	42	43
87,190	98,240	124,130	158,045	153,853	160,943	207,190	247,983	312,418
(15,338)	(25,339)	(26,996)	(14,484)	6,253	33,419	(210)	5,465	(11,341)
0	0	0	0	19	40	0	0	0
(15,338)	(25,339)	(26,996)	(14,484)	6,272	33,459	(210)	5,465	(11,341)
(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)

Table 3.6 – GROSS NATIONAL PRODUCT

(In million pesos

Type of expenditure	1975	1976	1977	1978	1979	1980
1. Personal consumption expenditures	76,165	87,120	102,626	118,846	146,577	178,119
2. General government consumption expenditures	11,115	13,165	14,348	16,127	18,259	21,191
a. Compensation of employees	5,398	6,714	7,193	8,396	9,530	11,210
b. Other expenditures	5,717	6,451	7,155	7,731	8,729	9,981
3. Gross domestic capital formation	33,840	41,993	44,369	51,348	67,687	81,153
A. Fixed capital formation	27,132	33,693	36,440	42,305	56,306	67,993
1. Construction	11,714	17,812	20,400	22,735	30,571	37,368
a. Government	4,368	8,306	9,489	10,632	14,475	16,326
b. Private	7,346	9,506	10,911	12,103	16,096	21,042
2. Durable equipment	15,418	15,881	16,040	19,570	25,735	30,625
B. Increase in stocks	6,708	8,300	7,929	9,043	11,381	13,160
4. Exports of goods and non-factor services	21,272	23,248	28,925	32,420	41,460	53,590
5. Less: Imports of goods and non-factor services	29,057	31,841	34,754	41,321	53,558	68,704
6. Statistical discrepancy	1,362	1,587	(1,288)	249	(2,882)	(699)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	114,697	135,272	154,226	177,669	217,543	264,650
7. Net factor income from the rest of the world	(259)	(1,070)	(971)	(647)	489	(118)
EXPENDITURES ON GROSS NATIONAL PRODUCT	114,438	134,202	153,255	177,022	218,032	264,532

Revised estimates as of April 1990.

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

BY EXPENDITURE SHARES: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
206,942	234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566
24,792	29,215	29,481	35,567	44,044	48,441	58,472	73,071	88,995
13,606	16,049	16,834	21,125	26,290	30,937	37,740	49,789	57,568
11,186	13,166	12,647	14,442	17,754	17,504	20,732	23,282	31,427
93,261	96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714
79,285	86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139
46,007	51,382	54,361	63,907	56,228	46,199	56,930	67,839	86,278
20,017	21,993	19,751	20,107	18,696	18,148	20,516	22,739	27,969
25,990	29,389	34,610	43,800	37,532	28,051	36,414	45,100	58,309
33,278	34,644	40,893	36,188	33,746	34,618	44,851	58,574	80,861
13,976	10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575
57,806	56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581
74,359	79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257
(3,184)	3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	1,398
305,258	340,597	384,096	540,466	612,684	627,129	708,368	825,852	963,997
(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)
303,628	335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,376

Table 3.7 – GROSS NATIONAL PRODUCT
(In million pesos

Type of expenditure	1975	1976	1977	1978	1979	1980
1. Personal consumption expenditures	46,515	48,840	51,416	54,098	56,718	59,270
2. General government consumption expenditures	7,263	7,416	7,485	7,710	7,995	8,294
a. Compensation of employees	3,819	3,906	3,931	4,112	4,309	4,557
b. Other expenditures	3,444	3,510	3,554	3,598	3,686	3,737
3. Gross domestic capital formation	18,323	21,139	21,121	22,928	25,493	26,609
A. Fixed capital formation	14,974	17,224	17,553	19,035	21,270	22,737
1. Construction	6,152	8,667	9,205	9,435	10,546	11,123
a. Government	2,294	4,042	4,281	4,406	5,012	4,860
b. Private	3,858	4,625	4,924	5,029	5,534	6,263
2. Durable equipment	8,822	8,557	8,348	9,600	10,724	11,614
B. Increase in stocks	3,349	3,915	3,568	3,893	4,223	3,872
4. Exports of goods and non-factor services	10,220	12,120	14,120	14,657	15,650	17,741
5. Less: Imports of goods and non-factor services	13,276	13,415	14,274	16,116	18,765	19,377
6. Statistical discrepancy	(608)	(2,178)	(1,401)	(493)	871	31
EXPENDITURES ON GROSS DOMESTIC PRODUCT	68,437	73,922	78,467	82,784	87,962	92,568
7. Net factor income from the rest of the world	(153)	(586)	(484)	(306)	196	(36)
EXPENDITURES ON GROSS NATIONAL PRODUCT	68,284	73,336	77,983	82,478	88,158	92,532

Revised estimates as of April 1990.

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

BY EXPENDITURE SHARES: 1975 to 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
61,617	63,535	65,348	66,032	65,977	66,597	70,409	74,646	78,929
8,598	9,145	8,788	8,255	8,221	8,187	8,774	9,409	10,358
4,869	5,127	5,141	5,235	5,117	5,224	5,554	6,082	6,286
3,729	4,018	3,647	3,020	3,104	2,963	3,220	3,327	4,072
27,220	26,267	25,119	14,215	11,124	10,111	13,574	15,926	18,283
23,542	23,687	23,102	15,594	11,826	10,057	12,017	13,874	16,863
12,045	12,521	12,038	9,446	7,114	5,505	6,348	6,836	7,752
5,243	5,359	4,465	2,985	2,342	2,161	2,290	2,299	2,529
6,802	7,162	7,573	6,461	4,772	3,344	4,058	4,537	5,223
11,497	11,166	11,064	6,148	4,712	4,552	5,669	7,038	9,111
3,678	2,580	2,017	(1,379)	(702)	54	1,557	2,052	1,420
17,947	17,486	19,262	20,846	19,351	23,560	23,245	26,931	29,167
18,854	19,510	21,746	18,175	13,995	15,802	19,987	26,670	33,942
(321)	2,076	3,150	2,754	(774)	(1,473)	(644)	1,208	4,348
96,207	98,999	99,921	93,927	89,904	91,180	95,371	101,450	107,143
(485)	(1,460)	(1,301)	(2,283)	(2,037)	(1,676)	(666)	(357)	(313)
95,722	97,539	98,620	91,644	87,867	89,504	94,705	101,093	106,830

Table 3.8 – IMPLICIT PRICE INDEX OF GROSS
(Base Year:

Type of expenditure	1975	1976	1977	1978	1979	1980
1. Personal consumption expenditures	163.7	178.4	199.6	219.7	258.4	300.5
2. General government consumption expenditures	153.0	177.5	191.7	209.2	228.4	255.5
a. Compensation of employees	141.3	171.9	183.0	204.2	221.2	246.0
b. Other expenditures	166.0	183.8	201.3	214.9	236.8	267.1
3. Gross domestic capital formation	184.7	198.7	210.1	224.0	265.5	277.1
A. Fixed capital formation	181.2	195.6	207.6	222.2	264.7	266.4
1. Construction	190.4	205.5	221.6	241.0	289.9	333.5
a. Government	190.4	205.5	221.7	241.3	288.8	330.4
b. Private	190.4	205.5	221.6	240.7	290.9	336.0
2. Durable equipment	174.8	185.6	192.1	203.9	240.0	202.2
4. Exports of goods and non-factor services	208.1	191.8	204.9	221.2	264.9	302.1
5. Less: Imports of goods and non-factor services	218.9	237.4	243.5	256.4	285.4	354.6
EXPENDITURES ON GROSS DOMESTIC PRODUCT	167.6	183.0	196.5	214.6	247.3	277.9
EXPENDITURES ON GROSS NATIONAL PRODUCT	167.6	183.0	196.5	214.6	247.3	277.9

Revised estimates as of April 1990.

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

NATIONAL PRODUCT BY EXPENDITURE SHARES: 1975 to 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
335.9	369.1	410.4	611.0	711.1	713.2	747.2	808.2	892.7
288.3	319.5	335.5	430.9	535.7	591.7	666.4	776.6	859.2
279.4	313.0	327.4	403.5	513.8	592.2	679.5	818.6	915.8
300.0	327.7	346.8	478.2	572.0	590.8	643.9	699.8	771.8
342.6	367.5	408.2	646.9	767.7	802.2	837.8	899.5	983.0
336.8	363.2	412.3	641.9	760.8	803.6	847.0	911.2	991.2
382.0	410.4	451.6	676.6	790.4	839.2	896.8	992.4	1,113.0
381.8	410.4	442.4	673.6	798.3	839.8	895.9	989.1	1,105.9
382.1	410.3	457.0	677.9	786.5	838.8	897.3	994.0	1,116.4
289.4	310.3	369.6	588.6	716.2	760.5	791.2	832.3	887.5
322.1	321.1	390.8	564.6	654.1	658.3	703.3	753.5	831.7
394.4	406.6	465.1	651.3	775.3	735.3	787.5	742.9	746.1
317.3	344.0	384.4	575.4	681.5	687.8	742.7	814.0	899.7
317.2	343.9	384.0	575.4	680.3	686.8	742.7	814.0	899.9

Table 3.9 – GROSS NATIONAL PRODUCT, NATIONAL BY INDUSTRIAL ORIGIN:

(In million pesos

Industry	1975	1976	1977	1978	1979	1980
1. AGRICULTURE, FISHERY AND FORESTRY	33,209	37,615	41,982	47,360	55,543	61,761
2. INDUSTRIAL SECTOR	38,118	46,095	53,100	61,281	76,934	96,722
a. Mining & quarrying	2,000	2,128	2,488	3,333	5,810	8,095
b. Manufacturing	28,248	32,931	37,392	43,688	52,144	64,555
c. Construction	6,813	9,805	11,794	12,591	16,855	21,311
d. Electricity, gas and water	1,057	1,231	1,426	1,669	2,125	2,761
3. SERVICE SECTOR	43,370	51,562	59,144	69,028	85,066	106,167
a. Transportation	5,834	7,348	8,415	9,894	12,377	16,444
b. Trade	15,761	18,810	22,276	26,433	33,517	42,050
c. Finance & Housing	9,051	10,354	11,689	13,617	16,606	20,608
d. Private Services	7,151	8,137	9,346	10,465	12,771	15,572
e. Government Services	5,573	6,913	7,418	8,619	9,795	11,493
GROSS DOMESTIC PRODUCT at market prices	114,697	135,272	154,226	177,669	217,543	264,650
Net factor income from abroad	(259)	(1,070)	(971)	(647)	489	(118)
GROSS NATIONAL PRODUCT at market prices	114,438	134,202	153,255	177,022	218,032	264,532
Indirect taxes net of subsidies	11,161	11,782	13,603	16,851	22,379	25,759
Depreciation	11,304	12,873	14,598	16,759	20,538	24,543
NET NATIONAL PRODUCT or NATIONAL INCOME	91,973	109,547	125,054	143,412	175,115	214,230

Revised estimates as of April 1990.

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

INCOME AND GROSS DOMESTIC PRODUCT
1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
69,391	76,721	84,546	139,505	162,519	155,989	170,770	190,153	226,698
111,597	122,583	138,180	186,154	200,544	204,980	232,585	277,155	322,270
6,849	6,106	7,021	9,714	11,529	12,445	13,600	15,996	16,463
75,151	83,133	95,172	137,251	150,523	155,172	173,539	207,427	241,256
26,268	29,302	30,730	31,209	27,506	22,685	28,113	33,645	42,677
3,329	4,042	5,257	7,980	10,986	14,678	17,333	20,087	21,874
124,270	141,293	161,370	214,807	249,621	266,160	305,013	358,544	415,029
19,618	21,376	24,378	33,820	38,263	39,256	42,027	44,973	47,980
49,765	56,356	66,094	99,711	118,370	121,243	137,375	162,668	188,749
22,612	26,141	30,002	31,203	32,287	38,168	48,467	55,688	67,492
18,345	21,031	23,357	28,819	33,668	35,765	38,534	44,246	52,036
13,930	16,389	17,539	21,254	27,033	31,728	38,610	54,969	58,772
305,258	340,597	384,096	540,466	612,684	627,129	708,368	825,852	963,997
(1,630)	(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)
303,628	335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,376
25,928	28,665	34,689	43,920	49,346	52,309	70,231	64,160	80,278
30,658	34,664	39,180	53,749	67,222	71,682	77,615	78,470	87,101
247,042	272,106	304,877	429,686	481,175	490,712	555,515	680,240	793,997

Table 3.10 – GROSS NATIONAL PRODUCT, NATIONAL BY INDUSTRIAL ORIGIN:

(In million pesos

Industry	1975	1976	1977	1978	1979	1980
1. AGRICULTURE, FISHERY AND FORESTRY	18,327	19,789	20,770	21,631	22,606	23,662
2. INDUSTRIAL SECTOR	23,323	25,743	27,907	29,611	31,975	33,472
a. Mining & quarrying	1,445	1,491	1,742	1,809	2,134	2,236
b. Manufacturing	17,313	18,299	19,672	21,108	22,239	23,175
c. Construction	3,958	5,275	5,782	5,944	6,759	7,139
d. Electricity, gas and water	607	678	711	750	843	922
3. SERVICE SECTOR	26,787	28,390	29,790	31,542	33,381	35,434
a. Transportation	3,610	4,002	4,235	4,501	4,613	4,827
b. Trade	8,761	9,312	9,954	10,697	11,525	12,224
c. Finance & Housing	5,319	5,687	5,884	6,164	6,560	7,121
d. Private Services	5,157	5,343	5,643	5,929	6,226	6,562
e. Government Services	3,940	4,046	4,074	4,251	4,457	4,700
GROSS DOMESTIC PRODUCT at market prices	68,437	73,922	78,467	82,784	87,962	92,568
Net factor income from abroad	(153)	(586)	(484)	(306)	196	(36)
GROSS NATIONAL PRODUCT at market prices	68,284	73,336	77,983	82,478	88,158	92,532
Indirect taxes net of subsidies	6,669	6,438	6,921	7,851	9,049	9,017
Depreciation	6,324	6,910	7,480	7,981	8,757	9,440
NET NATIONAL PRODUCT or NATIONAL INCOME	55,291	59,988	63,582	66,646	70,352	74,075

Revised estimates as of April 1990.

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

INCOME AND GROSS DOMESTIC PRODUCT
1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
24,608	25,378	24,845	25,409	26,252	27,110	26,834	27,793	28,986
34,963	35,714	35,956	32,282	29,000	28,396	30,498	33,235	35,533
2,175	2,016	1,966	1,755	1,768	1,574	1,547	1,615	1,563
23,959	24,535	25,108	23,319	21,541	21,717	23,076	25,281	26,886
7,830	8,079	7,689	5,866	4,258	3,382	3,967	4,344	4,947
999	1,084	1,193	1,342	1,433	1,723	1,908	1,995	2,137
36,636	37,907	39,120	36,236	34,652	35,674	38,039	40,422	42,624
5,040	5,165	5,266	5,032	4,953	5,105	5,251	5,487	5,761
12,731	13,103	13,930	14,073	14,066	14,337	15,153	15,998	16,795
6,964	7,252	7,578	5,134	4,286	4,831	5,832	6,250	6,843
6,820	7,048	7,052	6,412	6,094	6,039	6,106	6,445	6,767
5,081	5,339	5,294	5,585	5,253	5,362	5,697	6,242	6,458
96,207	98,999	99,921	93,927	89,904	91,180	95,371	101,450	107,143
(485)	(1,460)	(1,301)	(2,283)	(2,037)	(1,676)	(666)	(357)	(313)
95,722	97,539	98,620	91,644	87,867	89,504	94,705	101,093	106,830
8,171	8,332	9,024	7,632	7,241	7,605	9,465	7,882	8,922
10,544	11,149	11,394	10,936	10,726	9,966	9,870	9,692	9,970
77,007	78,058	78,202	73,076	69,900	71,933	75,370	83,519	87,938

Table 3.11 – IMPLICIT PRICE INDEX OF AND GROSS DOMESTIC PRODUCT BY

(Base year:

Industry	1975	1976	1977	1978	1979	1980
1. AGRICULTURE, FISHERY AND FORESTRY	181.2	190.1	202.1	218.9	245.7	261.0
2. INDUSTRIAL SECTOR	163.4	179.1	190.3	207.0	240.6	289.0
a. Mining & quarrying	138.4	142.7	142.8	184.2	272.3	362.0
b. Manufacturing	163.2	180.0	190.1	207.0	234.5	278.6
c. Construction	172.1	185.9	204.0	211.8	249.4	298.5
d. Electricity, gas, and water	174.1	181.6	200.6	222.5	252.1	299.5
3. SERVICE SECTOR	161.9	181.6	198.5	218.8	254.8	299.6
a. Transportation	161.6	183.6	198.7	219.8	268.3	340.7
b. Trade	179.9	202.0	223.8	247.1	290.8	344.0
c. Finance & Housing	170.2	182.1	198.7	220.9	253.1	289.4
d. Private Services	138.7	152.3	165.6	176.5	205.1	237.3
e. Government Services	141.4	170.9	182.1	202.8	219.8	244.5
GROSS DOMESTIC PRODUCT at market prices	167.6	183.0	196.5	214.6	247.3	285.9
Net factor income from abroad	169.3	182.6	200.6	211.4	249.5	327.8
GROSS NATIONAL PRODUCT at market prices	167.6	183.0	196.5	214.6	247.3	285.9
Indirect taxes net of subsidies	167.4	183.0	196.5	214.6	247.3	285.7
Depreciation	178.7	186.3	195.2	210.0	234.5	260.0
NET NATIONAL PRODUCT or NATIONAL INCOME	166.3	182.6	196.7	215.2	248.9	289.2

Revised estimates as of April 1990.

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

GROSS NATIONAL PRODUCT, NATIONAL INCOME
INDUSTRIAL ORIGIN: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
282.0	302.3	340.3	549.0	619.1	575.4	636.4	684.2	782.1
319.2	343.2	384.3	576.6	691.5	721.9	762.6	833.9	907.0
314.9	302.9	357.1	553.5	652.1	790.7	879.1	990.5	1,053.3
313.7	338.8	379.1	588.6	698.8	714.5	752.0	820.5	897.3
335.5	362.7	399.7	532.0	646.0	670.8	708.7	774.5	862.7
333.2	372.9	440.7	594.6	766.6	851.9	908.4	1,006.9	1,023.6
339.2	372.7	412.5	592.8	720.4	746.1	801.8	887.0	973.7
389.2	413.9	462.9	672.1	772.5	769.0	800.4	819.6	832.8
390.9	430.1	474.5	708.5	841.5	845.7	906.6	1,016.8	1,123.8
324.7	360.5	395.9	607.8	753.3	790.1	831.1	891.0	986.3
269.0	298.4	331.2	449.5	552.5	592.2	631.1	686.5	769.0
274.2	307.0	331.3	380.6	514.6	591.7	677.7	880.6	910.1
317.3	344.0	384.4	575.4	681.5	687.8	742.7	814.0	899.7
336.1	353.6	411.2	574.3	733.5	741.4	751.8	835.3	837.4
317.2	343.9	384.0	575.4	680.3	686.8	742.7	814.0	899.9
317.3	344.0	384.4	575.5	681.5	687.8	742.0	814.0	899.8
290.8	310.9	343.9	491.5	626.7	719.3	786.4	809.6	873.6
320.8	348.6	389.9	588.0	688.4	682.2	737.1	814.5	902.9

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

Item	1975	1976	1977	1978	1979	1980
A. Estimates in current pesos						
Gross domestic product	2,714	3,116	3,459	3,880	4,625	5,477
Gross national product	2,708	3,092	3,437	3,866	4,635	5,475
National income	2,176	2,524	2,805	3,132	3,723	4,434
Personal consumption expenditures	1,802	2,007	2,302	2,595	3,116	3,686
B. Estimates in 1972 pesos						
Gross domestic product	1,620	1,703	1,760	1,808	1,870	1,916
Gross national product	1,616	1,690	1,749	1,801	1,874	1,915
National income	1,308	1,382	1,426	1,455	1,496	1,533
Personal consumption expenditures	1,101	1,125	1,153	1,181	1,206	1,227
C. Population (In thousands)	42,258	43,406	44,584	45,794	47,037	48,317

Revised estimates as of April 1990.

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

GROSS NATIONAL PRODUCT, NATIONAL INCOME AND PERSONAL
1975 to 1989

1981	1982	1983	1984	1985	1986	1987	1988	1989
6,164	6,707	7,379	10,130	11,207	11,198	12,350	14,064	16,041
6,131	6,605	7,276	9,885	10,934	10,976	12,263	14,013	15,997
4,988	5,358	5,857	8,054	8,802	8,762	9,685	11,584	13,211
4,178	4,617	5,152	7,562	8,581	8,481	9,172	10,274	10,274
1,943	1,949	1,920	1,761	1,645	1,628	1,663	1,728	1,783
1,933	1,921	1,895	1,718	1,607	1,598	1,651	1,722	1,778
1,555	1,537	1,502	1,370	1,279	1,284	1,314	1,422	1,463
1,244	1,251	1,255	1,238	1,207	1,189	1,228	1,277	1,277
49,526	50,783	52,055	53,351	54,668	56,004	57,356	58,721	60,100

Table 3.13 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

Type of production	1975	1976	1977	1978	1979	1980
AGRICULTURAL CROPS	20,770	23,590	25,921	28,602	34,269	36,332
Palay	5,620	6,257	6,351	6,935	7,699	9,080
Corn	2,043	2,322	2,711	2,780	2,887	3,481
Coconut including copra	2,810	3,102	3,755	4,058	5,861	4,536
Sugarcane	2,597	2,545	2,117	2,176	2,508	2,700
Banana	615	721	845	1,044	1,285	1,483
Other crops	7,085	8,643	10,142	11,609	14,029	15,052
LIVESTOCK	2,723	2,856	3,047	3,392	3,855	3,838
POULTRY	1,295	1,481	1,780	2,134	2,732	3,650
FISHERY	5,590	6,386	7,496	8,498	9,568	11,198
FORESTRY	2,831	3,302	3,738	4,734	5,119	6,743
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	33,209	37,615	41,982	47,360	55,543	61,761

Revised estimates as of April 1990.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

Table 3.14 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

Type of production	1975	1976	1977	1978	1979	1980
AGRICULTURAL CROPS	11,303	12,182	12,825	13,285	14,151	14,926
Palay	3,357	3,397	3,794	3,767	3,948	4,169
Corn	1,229	1,241	1,358	1,439	1,423	1,447
Coconut including copra	1,136	1,438	1,327	1,330	1,270	1,313
Sugarcane	1,356	1,638	1,343	1,295	1,366	1,322
Banana	410	451	508	614	714	826
Other crops	3,815	4,017	4,495	4,840	5,430	5,849
LIVESTOCK	1,701	1,737	1,805	1,910	1,956	1,841
POULTRY	865	968	1,057	1,207	1,387	1,633
FISHERY	3,194	3,309	3,501	3,666	3,677	3,876
FORESTRY	1,264	1,593	1,582	1,563	1,435	1,386
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	18,327	19,789	20,770	21,631	22,606	23,662

Revised estimates as of April 1990.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

AND FORESTRY BY INDUSTRY GROUP: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
40,386	44,198	47,779	83,470	98,819	87,576	95,516	106,926	129,980
10,901	11,944	12,225	21,417	29,251	21,012	24,028	28,018	35,598
4,044	4,563	4,272	7,710	10,687	9,477	11,551	11,731	15,833
3,066	3,053	5,221	10,975	8,837	7,460	8,582	9,490	11,396
3,182	4,053	3,286	5,329	3,358	3,171	4,030	5,150	6,189
1,697	1,757	2,538	3,954	4,495	4,450	5,068	5,304	5,665
17,496	18,828	20,237	34,085	42,191	42,006	42,257	47,233	55,299
4,195	4,616	5,330	9,435	10,068	10,969	11,742	13,891	17,491
4,838	5,779	7,106	11,441	14,783	14,865	16,286	18,988	22,339
13,821	14,777	16,790	23,116	27,984	32,705	36,319	37,227	44,546
6,151	7,351	7,541	12,043	10,865	9,874	10,907	13,121	12,342
69,391	76,721	84,546	139,505	162,519	155,989	170,770	190,153	226,698

AND FORESTRY BY INDUSTRY GROUP: 1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
15,418	15,932	14,968	15,564	16,434	17,075	16,374	16,549	17,019
4,307	4,489	3,900	4,201	4,665	4,899	4,513	4,741	4,998
1,494	1,522	1,373	1,470	1,698	1,798	1,872	1,938	1,979
1,396	1,370	1,210	952	1,420	1,821	1,803	1,639	1,551
1,337	1,544	1,133	1,332	829	775	701	799	894
778	792	903	908	931	935	878	853	887
6,106	6,215	6,449	6,701	6,891	6,847	6,607	6,579	6,710
1,925	2,017	2,170	2,162	2,114	2,283	2,432	2,666	2,942
1,958	2,192	2,481	2,589	2,576	2,547	2,742	3,055	3,347
4,132	4,254	4,407	4,329	4,422	4,551	4,638	4,834	5,046
1,175	983	819	765	706	654	648	689	632
24,608	25,378	24,845	25,409	26,252	27,110	26,834	27,793	28,986

Table 3.15 – IMPLICIT PRICE INDEX OF FISHERY AND FORESTRY

(Base year:

Type of production	1975	1976	1977	1978	1979	1980
AGRICULTURAL CROPS	183.8	193.6	202.1	215.3	242.2	243.4
Palay	167.4	184.2	167.4	184.1	195.0	217.8
Corn	166.2	187.1	199.6	193.2	202.9	240.6
Coconut including copra	247.4	215.7	283.0	305.1	461.5	345.5
Sugarcane	191.5	155.4	157.6	168.0	183.6	204.2
Banana	150.0	159.9	166.3	170.0	180.0	179.5
Other crops	185.7	215.2	225.6	239.9	258.4	257.3
LIVESTOCK	160.1	164.4	168.8	177.6	197.1	208.5
POULTRY	149.7	153.0	168.4	176.8	197.0	223.5
FISHERY	175.0	193.0	214.1	231.8	260.2	288.9
FORESTRY	224.0	207.3	236.3	302.9	356.7	486.5
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	181.2	190.1	202.1	218.9	245.7	261.0

Revised estimates as of April 1990.

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

GROSS VALUE ADDED IN AGRICULTURE,
BY INDUSTRY GROUP: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
261.9	277.4	319.2	536.3	601.3	512.9	583.3	646.1	763.7
253.1	266.1	313.5	509.8	627.0	428.9	532.4	591.0	712.2
270.7	299.8	311.1	524.5	629.4	527.1	617.0	605.3	800.1
219.6	222.8	431.5	1,152.8	622.3	409.7	476.0	579.0	734.8
238.0	262.5	290.0	400.1	405.1	409.2	574.9	644.6	692.3
218.1	221.8	281.1	435.5	482.8	475.9	577.2	621.8	638.7
286.5	302.9	313.8	508.7	612.3	613.5	639.6	717.9	824.1
217.9	228.9	245.6	436.4	476.3	480.5	482.8	521.0	594.5
247.1	263.6	286.4	441.9	573.9	583.6	593.9	621.5	667.4
334.5	347.4	381.0	534.0	632.8	718.6	783.1	770.1	882.8
523.5	747.8	920.8	1,574.2	1,539.0	1,509.8	1,683.2	1,904.4	1,952.8
282.0	302.3	340.3	549.0	619.1	575.4	636.4	684.2	782.1

Table 3.16 – GROSS VALUE ADDED IN MINING

(In million pesos

Type of production	1975	1976	1977	1978	1979	1980
1. Copper mining	1,026	1,129	1,032	1,283	2,713	3,068
2. Gold mining	473	304	441	665	1,109	2,951
3. Chromium mining	77	120	209	220	258	232
4. Nickel mining	24	44	198	122	147	199
5. Other metal mining	111	102	99	212	633	625
6. Stone quarrying, and sand pits	140	249	354	701	736	774
8. Other non-metallic mining and quarrying	149	180	155	130	214	246
GROSS VALUE ADDED IN MINING AND QUARRYING	2,000	2,128	2,488	3,333	5,810	8,095

Revised estimates as of April 1990.

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

Table 3.17 – GROSS VALUE ADDED IN MINING

(In million pesos

Type of production	1975	1976	1977	1978	1979	1980
1. Copper mining	1,106	1,164	1,336	1,284	1,463	1,493
2. Gold mining	93	93	104	108	99	119
3. Chromium mining	45	37	45	45	47	42
4. Nickel mining	12	20	75	56	59	88
5. Other metal mining	73	46	45	140	235	204
6. Stone quarrying, and sand pits	72	87	90	125	167	216
8. Other non-metallic mining and quarrying	44	44	47	51	64	74
GROSS VALUE ADDED IN MINING AND QUARRYING	1,445	1,491	1,742	1,809	2,134	2,236

Revised estimates as of April 1990.

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

AND QUARRYING BY INDUSTRY GROUP: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
2,074	1,616	1,784	2,915	3,427	3,418	3,732	4,419	4,689
2,561	2,427	3,018	4,263	4,818	6,660	7,370	8,702	8,238
227	196	197	332	350	187	182	212	340
97	46	38	33	386	70	55	110	394
452	146	153	169	333	109	110	121	111
1,075	1,215	1,270	1,517	1,303	1,287	1,503	1,707	1,907
363	460	561	485	912	714	648	725	784
6,849	6,106	7,021	9,714	11,529	12,445	13,600	15,996	16,463

AND QUARRYING BY INDUSTRY GROUP: 1975 to 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
1,482	1,332	1,284	1,154	1,075	1,048	1,027	1,059	959
139	151	147	134	187	144	132	138	151
36	26	22	21	24	11	10	9	11
36	22	18	18	32	17	15	20	33
84	43	30	22	52	16	14	15	14
297	321	328	272	194	184	200	215	230
101	121	137	134	204	154	149	159	165
2,175	2,016	1,966	1,755	1,768	1,574	1,547	1,615	1,563

Table 3.18 – IMPLICIT PRICE INDEX OF BY INDUSTRY GROUP

(Base year:

Type of production	1975	1976	1977	1978	1979	1980
1. Copper mining	92.8	97.0	77.2	99.9	185.4	205.5
2. Gold mining	508.6	326.9	424.0	615.7	1,120.2	2,479.8
3. Chromium mining	171.1	324.3	464.4	488.9	548.9	552.4
4. Nickel mining	200.0	220.0	264.0	217.9	249.2	226.1
5. Other metal mining	152.1	221.7	220.0	151.4	269.4	306.4
6. Stone quarrying, and sand pits	194.4	286.2	393.3	560.8	440.7	358.3
7. Other non-metallic mining and quarrying	338.6	409.1	329.8	254.9	334.4	332.4
GROSS VALUE ADDED IN MINING AND QUARRYING	138.4	142.7	142.8	184.2	272.3	362.0

Revised estimates as of April 1990.

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

GROSS VALUE ADDED IN MINING AND QUARRYING
1975 to 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
139.9	121.3	138.9	252.6	318.8	326.1	363.4	417.3	488.9
1,842.4	1,607.3	2,053.1	3,181.3	2,576.5	4,625.0	5,583.3	6,305.8	5,455.6
630.6	753.8	895.5	1,581.0	1,458.3	1,700.0	1,820.0	2,355.6	3,090.9
269.4	209.1	211.1	183.3	1,206.3	411.8	366.7	550.0	1,193.9
538.1	339.5	510.0	768.2	640.4	681.3	785.7	806.7	792.9
362.0	378.5	387.2	557.7	671.6	699.5	751.5	794.0	829.1
359.4	380.2	409.5	361.9	447.1	463.6	434.9	456.0	475.2
314.9	302.9	357.1	553.5	652.1	790.7	879.1	990.5	1,053.3

Table 3.19 – GROSS VALUE ADDED IN MANUFACTURING

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
Food manufactures	8,827	10,298	11,633	13,608	15,800	19,397
Beverage industries	948	1,311	1,634	1,839	2,014	2,388
Tobacco manufactures	1,380	1,576	1,771	1,946	2,136	2,419
Textile manufactures	2,076	3,034	3,083	3,320	4,008	4,453
Footwear, wearing apparel	1,324	1,574	1,878	2,120	2,661	3,505
Wood and cork products	745	952	1,153	1,876	2,061	2,352
Furniture and fixtures	178	214	282	301	276	327
Paper and paper products	267	324	348	647	729	919
Publishing and printing	336	372	398	447	541	632
Leather and leather products	69	82	97	115	140	172
Rubber products	575	572	619	805	706	782
Chemicals and chemical products	2,419	2,918	3,770	4,481	5,141	5,919
Products of petroleum and coal	3,743	3,849	3,907	4,026	6,051	9,535
Non-metallic mineral products	710	828	968	1,220	1,427	1,832
Basic metal industries	949	1,126	1,380	1,658	2,079	2,237
Metal products	939	963	1,179	1,369	1,686	1,919
Machinery except electrical	663	721	821	965	1,134	1,377
Electrical machinery	835	836	974	1,206	1,529	2,006
Transport equipment	902	950	1,059	1,249	1,381	1,530
Miscellaneous manufactures	363	431	438	490	644	854
GROSS VALUE ADDED IN MANUFACTURING	28,248	32,931	37,392	43,688	52,144	64,555

Revised estimates as of April 1990.

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

BY INDUSTRY GROUP: 1975 to 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
23,694	27,189	31,388	49,745	56,062	57,334	65,416	76,560	89,763
2,818	3,083	3,471	4,544	5,254	5,070	6,081	7,250	8,401
2,806	2,973	3,277	4,394	5,890	4,963	4,871	5,930	6,244
5,161	5,261	5,794	7,586	7,551	9,878	11,871	13,148	14,050
4,567	4,983	5,852	8,672	10,140	12,276	13,063	16,262	20,185
2,882	3,042	3,431	3,923	4,076	3,130	3,549	4,397	4,873
375	404	435	599	606	701	821	1,014	1,259
967	921	1,115	1,865	1,864	2,101	2,351	2,983	3,930
747	827	936	1,505	1,887	2,240	2,500	3,298	3,872
191	201	208	336	356	328	390	456	545
900	1,029	1,125	1,766	1,745	1,900	2,161	2,582	2,785
5,983	6,105	7,227	10,334	10,424	10,826	11,796	14,663	15,270
10,651	11,617	13,000	19,184	18,304	15,857	16,605	18,637	18,796
1,978	2,289	2,506	2,956	2,668	2,805	3,169	4,238	6,763
2,217	2,614	3,126	5,068	6,459	6,327	7,608	10,030	13,277
1,945	2,283	2,639	2,768	3,638	3,678	4,105	5,056	6,545
1,610	1,824	2,043	1,916	2,333	2,518	2,792	3,359	4,220
2,844	3,383	4,471	6,405	6,097	7,567	8,181	10,712	11,878
1,757	1,841	1,667	462	647	676	991	1,265	2,015
1,058	1,264	1,461	3,223	4,522	4,997	5,218	5,587	5,955
75,151	83,133	95,172	137,251	150,523	155,172	173,539	207,427	240,626

Table 3.20 – GROSS VALUE ADDED IN MANUFACTURING

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
Food manufactures	6,234	6,696	7,085	7,622	7,865	8,419
Beverage industries	501	531	636	694	717	732
Tobacco manufactures	945	955	962	987	1,029	1,039
Textile manufactures	883	1,051	1,038	1,060	1,061	1,049
Footwear, wearing apparel	722	768	813	867	932	1,019
Wood and cork products	434	463	593	622	677	665
Furniture and fixtures	101	108	114	117	124	132
Paper and paper products	156	173	176	187	193	191
Publishing and printing	269	278	274	281	301	324
Leather and leather products	52	53	57	61	67	68
Rubber products	302	275	273	280	311	302
Chemicals and chemical products	1,485	1,688	2,025	2,234	2,321	2,365
Products of petroleum and coal	1,335	1,319	1,303	1,337	1,398	1,373
Non-metallic mineral products	472	485	495	520	535	574
Basic metal industries	579	630	725	785	865	853
Metal products	727	713	846	929	1,040	1,041
Machinery except electrical	515	528	561	620	670	726
Electrical machinery	671	635	704	846	1,005	1,153
Transport equipment	726	736	796	861	898	885
Miscellaneous manufactures	204	214	196	198	230	265
GROSS VALUE ADDED IN MANUFACTURING	17,313	18,299	19,672	21,108	22,239	23,175

Revised estimates as of April 1990.

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

BY INDUSTRY GROUP: 1975 to 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
8,803	9,099	9,246	9,344	8,646	8,738	9,368	9,995	10,427
730	747	763	805	796	733	808	844	937
1,100	1,114	1,117	890	970	713	631	717	703
1,095	1,053	1,050	949	734	891	990	1,001	1,005
1,189	1,224	1,247	1,299	1,213	1,378	1,412	1,557	1,837
707	704	716	588	536	388	416	458	487
139	140	142	142	109	120	138	155	164
188	172	196	182	158	172	187	232	292
344	359	368	370	389	430	460	496	552
70	71	66	63	69	63	68	79	96
311	324	316	334	281	290	305	346	359
2,317	2,273	2,315	1,797	1,704	1,584	1,628	1,797	1,804
1,287	1,313	1,351	1,259	1,153	1,156	1,230	1,369	1,409
540	569	587	481	375	377	399	488	586
791	856	947	1,121	1,070	1,018	1,140	1,312	1,481
977	1,052	1,091	740	746	725	793	885	998
764	787	797	442	409	445	480	537	626
1,401	1,475	1,717	1,964	1,600	1,913	2,000	2,355	2,364
910	883	742	124	136	135	162	179	267
296	320	334	425	447	448	461	479	492
23,959	24,535	25,108	23,319	21,541	21,717	23,076	25,281	26,886

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

Industry group	1975	1976	1977	1978	1979	1980
Food manufactures	141.6	153.8	164.2	178.5	200.9	230.4
Beverage industries	189.2	246.9	256.9	265.0	280.9	326.2
Tobacco manufactures	146.0	165.0	184.1	197.2	207.6	232.8
Textile manufactures	235.1	288.7	297.0	313.2	377.8	424.5
Footwear, wearing apparel	183.4	204.9	231.0	244.5	285.5	344.0
Wood and cork products	171.7	205.6	194.4	301.6	304.4	353.7
Furniture and fixtures	176.2	198.1	247.4	257.3	222.6	247.7
Paper and paper products	171.2	187.3	197.7	346.0	377.7	481.2
Publishing and printing	124.9	133.8	145.3	159.1	179.7	195.1
Leather and leather products	132.7	154.7	170.2	188.5	209.0	252.9
Rubber products	190.4	208.0	226.7	287.5	227.0	258.9
Chemicals and chemical products	162.9	172.9	186.2	200.6	221.5	250.3
Products of petroleum and coal	280.4	291.8	299.8	301.1	432.8	694.5
Non-metallic mineral products	150.4	170.7	195.6	234.6	266.7	319.2
Basic metal industries	163.9	178.7	190.3	211.2	240.3	262.3
Metal products	129.2	135.1	139.4	147.4	162.1	184.3
Machinery except electrical	128.7	136.6	146.3	155.6	169.3	189.7
Electrical machinery	124.4	131.7	138.4	142.6	152.1	174.0
Transport equipment	124.2	129.1	133.0	145.1	153.8	172.9
Miscellaneous manufactures	177.9	201.4	223.5	247.5	280.0	322.3
GROSS VALUE ADDED IN MANUFACTURING	163.2	180.0	190.1	207.0	234.5	278.6

Revised estimates as of April 1990.

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

GROSS VALUE ADDED IN MANUFACTURING
1975 to 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
269.2	298.8	339.5	532.4	648.4	656.1	698.3	766.0	860.9
386.0	412.7	454.9	564.5	660.1	691.7	752.6	859.0	896.6
255.1	266.9	293.4	493.7	607.2	696.1	771.9	827.1	888.2
471.3	499.6	551.8	799.4	1,028.7	1,108.6	1,199.1	1,313.5	1,398.0
384.1	407.1	469.3	667.6	835.9	890.9	925.1	1,044.4	1,098.8
407.6	432.1	479.2	667.2	760.4	806.7	853.1	960.0	1,000.6
269.8	288.6	306.3	421.8	556.0	584.2	594.9	654.2	767.7
514.4	535.5	568.9	1,024.7	1,179.7	1,221.5	1,257.2	1,285.8	1,345.9
217.2	230.4	254.3	406.8	485.1	520.9	543.5	664.9	701.4
272.9	283.1	315.2	533.3	515.9	520.6	573.5	577.2	567.7
289.4	317.6	356.0	528.7	621.0	655.2	708.5	746.2	775.8
258.2	268.6	312.2	575.1	611.7	683.5	724.6	816.0	846.5
827.6	884.8	962.3	1,523.7	1,587.5	1,371.7	1,350.0	1,361.4	1,334.0
366.3	402.3	426.9	614.6	711.5	744.0	794.2	868.4	1,154.1
280.3	305.4	330.1	452.1	603.6	621.5	667.4	764.5	896.5
199.1	217.0	241.9	374.1	487.7	507.3	517.7	571.3	655.8
210.7	231.8	256.3	433.5	570.4	565.8	581.7	625.5	674.1
203.0	229.4	260.4	326.1	381.1	395.6	409.1	454.9	502.5
193.1	208.5	224.7	372.6	475.7	500.7	611.7	706.7	754.7
357.4	395.0	437.4	758.4	1,011.6	1,115.4	1,131.9	1,166.4	1,210.4
313.7	338.8	379.1	588.6	698.8	714.5	752.0	820.5	895.0

Table 3.22 – GROSS VALUE OF CONSTRUCTION AND GROSS

(In million pesos

Type of construction	1975	1976	1977	1978	1979	1980
GROSS VALUE	11,714	17,812	20,400	22,735	30,571	37,368
1. Government	4,368	8,306	9,489	10,632	14,475	16,326
2. Private	7,346	9,506	10,911	12,103	16,096	21,042
GROSS VALUE ADDED	6,813	9,805	11,794	12,591	16,855	21,311
1. Government	2,525	4,572	5,486	5,888	7,973	9,311
2. Private	4,288	5,233	6,308	6,703	8,882	12,000

Table 3.23 – GROSS VALUE OF CONSTRUCTION AND GROSS

(In million pesos

Type of construction	1975	1976	1977	1978	1979	1980
GROSS VALUE	6,152	8,667	9,205	9,435	10,546	11,123
1. Government	2,294	4,042	4,281	4,406	5,012	4,860
2. Private	3,858	4,625	4,924	5,029	5,534	6,263
GROSS VALUE ADDED	3,958	5,275	5,782	5,944	6,759	7,139
1. Government	1,482	2,488	2,687	2,783	3,209	3,119
2. Private	2,476	2,787	3,095	3,161	3,550	4,020

Table 3.24 – IMPLICIT PRICE INDEX OF GROSS VALUE ADDED BY TYPE

(Base year:

Type of construction	1975	1976	1977	1978	1979	1980
GROSS VALUE	190.4	205.5	221.6	241.0	289.9	336.0
1. Government	190.4	205.5	221.7	241.3	288.8	335.9
2. Private	190.4	205.5	221.6	240.7	290.9	336.0
GROSS VALUE ADDED	172.1	185.9	204.0	211.8	249.4	298.5
1. Government	170.4	183.8	204.2	211.6	248.5	298.5
2. Private	173.2	187.8	203.8	212.1	250.2	298.5

Revised estimates as of April 1990.

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

VALUE ADDED BY TYPE OF CONSTRUCTION: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
46,007	51,382	54,361	63,907	56,228	46,199	56,930	67,839	86,278
20,017	21,993	19,751	20,107	18,696	18,148	20,516	22,739	27,969
25,990	29,389	34,610	43,800	37,532	28,051	36,414	45,100	58,309
26,268	29,302	30,730	31,209	27,506	22,685	28,113	33,645	42,677
11,446	12,542	11,260	9,840	9,922	9,500	10,358	11,427	14,122
14,822	16,760	19,470	21,369	17,584	13,185	17,755	22,218	28,555

VALUE ADDED BY TYPE OF CONSTRUCTION: 1975 TO 1989
constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
12,045	12,521	11,948	9,446	7,114	5,505	6,348	6,836	7,752
5,243	5,359	4,375	2,985	2,342	2,161	2,290	2,299	2,529
6,802	7,162	7,573	6,461	4,772	3,344	4,058	4,537	5,223
7,830	8,079	7,689	5,866	4,258	3,382	3,967	4,344	4,947
3,407	3,457	2,834	1,857	1,525	1,411	1,462	1,478	1,651
4,423	4,622	4,855	4,009	2,733	1,971	2,505	2,866	3,296

OF GROSS VALUE OF CONSTRUCTION AND
OF CONSTRUCTION: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
382.0	410.4	455.0	676.6	790.4	839.2	896.8	992.4	1,113.0
381.8	410.4	451.5	673.6	798.3	839.8	895.9	989.1	1,105.9
382.1	410.3	457.0	677.9	786.5	838.8	897.3	994.0	1,116.4
335.5	362.7	399.7	532.0	646.0	670.8	708.7	774.5	862.7
336.0	362.8	397.3	529.9	650.6	673.3	708.5	773.1	855.4
335.1	362.6	401.0	533.0	643.4	668.9	708.8	775.2	866.4

Table 3.25 – GROSS VALUE ADDED IN ELECTRICITY, GAS

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Electricity and gas	957	1,091	1,264	1,442	1,877	2,426
2. Water	100	140	162	227	248	335
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	1,057	1,231	1,426	1,669	2,125	2,761

Table 3.26 – GROSS VALUE ADDED IN ELECTRICITY, GAS

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Electricity and gas	545	612	637	664	751	814
2. Water	62	66	75	86	92	108
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	607	678	712	750	843	922

Table 3.27 – IMPLICIT PRICE INDEX OF GAS AND WATER BY

(Base year:

Industry group	1975	1976	1977	1978	1979	1980
1. Electricity and gas	175.6	178.3	198.4	217.2	249.9	298.0
2. Water	161.3	212.1	216.0	264.0	269.6	310.2
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	174.1	181.6	200.3	222.5	252.1	299.5

Revised estimates as of April 1990.

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

AND WATER BY INDUSTRY GROUP: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
2,868	3,459	4,561	7,090	9,799	13,066	15,552	18,096	19,465
461	583	696	890	1,187	1,612	1,781	1,991	2,409
3,329	4,042	5,257	7,980	10,986	14,678	17,333	20,087	21,874

AND WATER BY INDUSTRY GROUP: 1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
872	941	1,030	1,159	1,229	1,501	1,675	1,758	1,879
127	143	163	183	204	222	233	237	258
999	1,084	1,193	1,342	1,433	1,723	1,908	1,995	2,137

OF GROSS VALUE ADDED IN ELECTRICITY,
INDUSTRY GROUP: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
328.9	367.6	442.8	611.7	797.3	870.5	928.5	1,029.4	1,035.9
363.0	407.7	427.0	486.3	581.9	726.1	764.4	840.1	933.7
333.2	372.9	440.7	594.6	766.6	851.9	908.4	1,006.9	1,023.6

Table 3.28 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Transport and Storage	5,006	6,410	7,391	8,732	11,042	14,528
a. Land	2,553	3,222	3,921	4,661	5,881	7,992
b. Water	937	1,168	1,225	1,394	1,744	2,148
c. Air	602	849	820	969	1,164	1,529
d. Storage and services incidental to transport	914	1,171	1,425	1,708	2,253	2,859
2. Communication	828	938	1,024	1,162	1,335	1,916
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	5,834	7,348	8,415	9,894	12,377	16,444

Table 3.29 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Transport and Storage	3,030	3,356	3,545	3,754	3,807	3,937
a. Land	1,473	1,661	1,761	1,879	1,915	1,957
b. Water	699	777	793	817	845	853
c. Air	330	345	325	358	317	332
d. Storage and services incidental to transport	528	573	666	700	730	795
2. Communication	580	646	690	747	806	890
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	3,610	4,002	4,235	4,501	4,613	4,827

Table 3.30 – IMPLICIT PRICE INDEX OF COMMUNICATION AND STORAGE BY

(Base year:

Industry group	1975	1976	1977	1978	1979	1980
1. Transport and Storage	165.2	191.0	208.5	232.6	290.0	369.0
a. Land	173.3	194.0	222.7	248.1	307.1	408.4
b. Water	134.0	150.3	154.5	170.6	206.4	251.8
c. Air	182.4	246.1	252.3	270.7	367.2	460.5
d. Storage and services incidental to transport	173.1	204.4	214.0	244.0	308.6	359.6
2. Communication	142.8	145.2	148.4	155.6	165.6	215.3
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	161.6	183.6	198.7	219.8	268.3	340.7

Revised estimates as of April 1990.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

AND STORAGE BY INDUSTRY GROUP: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
17,311	18,735	20,818	28,245	32,204	32,508	34,658	37,057	39,124
9,792	10,650	12,120	17,619	20,262	20,399	21,836	22,860	23,388
2,382	2,459	2,606	3,139	3,484	3,377	3,475	3,647	4,331
1,785	1,940	2,105	2,899	3,077	3,103	3,423	4,179	4,692
3,352	3,686	3,987	4,588	5,381	5,629	5,924	6,371	6,713
2,307	2,641	3,560	5,575	6,059	6,748	7,369	7,916	8,856
19,618	21,376	24,378	33,820	38,263	39,256	42,027	44,973	47,980

AND STORAGE BY INDUSTRY GROUP: 1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
4,066	4,123	4,153	3,860	3,813	3,873	4,073	4,259	4,420
2,051	2,091	2,149	2,193	2,200	2,235	2,376	2,473	2,529
841	818	792	644	613	607	635	664	697
342	351	354	376	367	369	373	394	433
832	863	858	647	633	662	689	728	761
974	1,042	1,113	1,172	1,140	1,232	1,178	1,228	1,341
5,040	5,165	5,266	5,032	4,953	5,105	5,251	5,487	5,761

GROSS VALUE ADDED IN TRANSPORT,
INDUSTRY GROUP: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
425.8	454.4	501.3	731.7	844.6	839.3	850.9	870.1	885.2
477.4	509.3	564.0	803.4	921.0	912.7	919.0	924.4	924.8
283.2	300.6	329.0	487.4	568.4	556.3	547.2	549.2	621.4
521.9	552.7	594.6	771.0	838.4	840.9	917.7	1,060.7	1,083.6
402.9	427.1	464.7	709.1	850.1	850.3	859.8	875.1	882.1
236.9	253.5	319.9	475.7	531.5	547.7	625.6	644.6	660.4
389.2	413.9	462.9	672.1	772.5	769.0	800.4	819.6	832.8

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

Industry group	1975	1976	1977	1978	1979	1980
1. Banks	2,258	2,816	3,344	4,147	5,534	6,630
2. Non-banks	1,136	1,323	1,518	1,798	2,138	2,955
3. Insurance	1,244	1,446	1,552	1,626	1,934	2,864
4. Real estate	1,331	1,432	1,477	1,688	1,805	2,396
5. Ownership of dwellings	3,082	3,337	3,798	4,358	5,195	5,763
GROSS VALUE ADDED IN FINANCE AND HOUSING	9,051	10,354	11,689	13,617	16,606	20,608

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

Industry group	1975	1976	1977	1978	1979	1980
1. Banks	1,317	1,560	1,729	1,893	2,248	2,298
2. Non-banks	657	722	777	844	867	1,025
3. Insurance	731	768	788	751	772	983
4. Real estate	786	796	730	741	697	792
5. Ownership of dwellings	1,828	1,841	1,860	1,935	1,976	2,023
GROSS VALUE ADDED IN FINANCE AND HOUSING	5,319	5,687	5,884	6,164	6,560	7,121

Table 3.33 – IMPLICIT PRICE INDEX OF GROSS VALUE ADDE
(Base year:

Industry group	1975	1976	1977	1978	1979	1980
1. Banks	171.5	180.5	193.4	219.1	246.2	288.5
2. Non-banks	172.9	183.2	195.4	213.0	246.6	288.3
3. Insurance	170.2	188.3	197.0	216.5	250.5	291.4
4. Real estate	169.3	179.9	202.3	227.8	259.0	302.5
5. Ownership of dwellings	168.6	181.3	204.2	225.2	262.9	284.9
GROSS VALUE ADDED IN FINANCE AND HOUSING	170.2	182.1	198.7	220.9	253.1	289.4

Revised estimates as of April 1990.

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

HOUSING BY INDUSTRY GROUP: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
7,300	8,460	10,027	6,207	2,224	7,585	13,782	17,193	23,123
2,163	2,139	2,352	2,264	2,227	1,241	1,141	1,290	1,519
3,396	3,926	4,141	5,369	6,502	6,783	7,589	8,434	9,783
2,956	3,589	4,231	3,773	3,331	3,897	4,480	5,046	6,103
6,797	8,027	9,251	13,590	18,003	18,662	21,475	23,725	26,964
22,612	26,141	30,002	31,203	32,287	38,168	48,467	55,688	67,492

HOUSING BY INDUSTRY GROUP: 1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
2,240	2,309	2,510	1,006	305	992	1,696	1,961	2,385
655	596	598	367	293	162	144	152	162
1,024	1,094	1,058	870	855	886	958	998	1,048
880	962	1,035	628	442	482	521	551	603
2,165	2,291	2,377	2,263	2,391	2,309	2,513	2,588	2,645
6,964	7,252	7,578	5,134	4,286	4,831	5,832	6,250	6,843

IN FINANCE AND HOUSING BY INDUSTRY GROUP: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
325.9	366.4	399.5	617.0	729.2	764.6	812.6	876.7	969.5
330.2	358.9	393.3	616.9	760.1	766.0	792.4	848.7	937.7
331.6	358.9	391.4	617.1	760.5	765.6	792.2	845.1	933.5
335.9	373.1	408.8	600.8	753.6	808.5	859.9	915.8	1,012.1
313.9	350.4	389.2	600.5	752.9	808.2	854.6	916.7	1,019.4
324.7	360.5	395.9	607.8	753.3	790.1	831.1	891.0	986.3

Table 3.34 – GROSS VALUE ADDED IN OTHER SERVICES

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Government	5,573	6,913	7,418	8,619	9,795	11,493
2. Private	7,151	8,137	9,346	10,465	12,771	15,572
Educational	736	841	966	1,112	1,324	1,574
Medical and health	1,143	1,420	1,614	1,905	2,326	2,884
Business	1,055	1,094	1,172	1,401	1,706	2,062
Recreational	610	656	831	933	1,087	1,346
Personal	939	1,011	1,181	1,302	1,580	1,866
Hotels and restaurants	1,410	1,676	1,944	2,205	2,647	3,272
Others	1,258	1,439	1,638	1,607	2,101	2,568
GROSS VALUE ADDED IN OTHER SERVICES	12,724	15,050	16,764	19,084	22,566	27,065

Table 3.35 – GROSS VALUE ADDED IN OTHER SERVICES

(In million pesos

Industry group	1975	1976	1977	1978	1979	1980
1. Government	3,940	4,046	4,074	4,251	4,457	4,700
2. Private	5,157	5,343	5,643	5,929	6,226	6,562
Educational	595	653	692	715	747	786
Medical and health	735	798	824	873	923	972
Business	787	806	841	887	946	1,017
Recreational	441	402	434	445	459	477
Personal	631	644	667	699	730	756
Hotels and restaurants	1,020	1,100	1,196	1,290	1,360	1,440
Others	948	940	989	1,020	1,061	1,114
GROSS VALUE ADDED IN OTHER SERVICES	9,097	9,389	9,717	10,180	10,683	11,262

Table 3.36 – IMPLICIT PRICE INDEX OF GROSS VALUE

(Base year:

Industry group	1975	1976	1977	1978	1979	1980
1. Government	141.4	170.9	182.1	202.8	219.8	244.5
2. Private	138.7	152.3	165.6	176.5	205.1	237.3
Educational	123.7	128.8	139.6	155.5	177.2	200.3
Medical and health	155.5	177.9	195.9	218.2	252.0	296.7
Business	134.1	135.7	139.4	157.9	180.3	202.8
Recreational	138.3	163.2	191.5	209.7	236.8	282.2
Personal	148.8	157.0	177.1	186.3	216.4	246.8
Hotels and restaurants	138.2	152.4	162.5	170.9	194.6	227.2
Others	132.7	153.1	165.6	157.5	198.0	230.5
GROSS VALUE ADDED IN OTHER SERVICES	139.9	160.3	172.5	187.5	211.2	240.3

Revised estimates as of April 1990.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

BY INDUSTRY GROUP: 1975 TO 1989
at current prices)

1981	1982	1983	1984	1985	1986	1987	1988	1989
13,930	16,389	17,539	21,254	27,033	31,728	38,610	50,969	58,772
18,345	21,031	23,357	28,819	33,668	35,765	38,534	44,246	52,036
1,835	2,199	2,472	3,114	4,021	4,288	4,684	5,521	7,140
3,419	3,969	4,603	5,698	6,920	7,546	8,170	9,260	10,760
2,405	2,651	3,046	3,709	5,106	5,440	5,777	6,741	7,701
1,568	1,721	1,802	2,200	2,406	2,663	2,722	3,190	3,510
2,201	2,627	2,765	3,245	3,404	3,682	3,951	4,552	5,312
3,885	4,532	4,991	6,656	7,499	8,039	9,060	10,414	12,709
3,032	3,332	3,678	4,197	4,312	4,107	4,170	4,568	4,904
32,275	37,420	40,896	50,073	60,701	67,493	77,144	95,215	110,808

BY INDUSTRY GROUP: 1975 TO 1989
at constant prices of 1972)

1981	1982	1983	1984	1985	1986	1987	1988	1989
5,081	5,339	5,294	5,585	5,253	5,362	5,697	6,242	6,458
6,820	7,048	7,052	6,412	6,094	6,039	6,106	6,445	6,767
821	865	877	855	890	866	897	937	988
1,012	1,032	1,064	1,016	1,067	1,085	1,108	1,185	1,314
1,068	1,097	1,120	947	965	948	949	978	984
494	505	493	457	402	420	408	432	444
779	807	774	690	597	599	600	623	656
1,500	1,569	1,536	1,467	1,386	1,391	1,422	1,521	1,586
1,146	1,173	1,188	980	787	730	722	769	795
11,901	12,387	12,346	11,997	11,347	11,401	11,803	12,687	13,225

ADDED IN OTHER SERVICES BY INDUSTRY GROUP: 1975 TO 1989
1972 = 100)

1981	1982	1983	1984	1985	1986	1987	1988	1989
274.2	307.0	331.3	380.6	514.6	591.7	677.7	816.5	910.1
269.0	298.4	331.2	449.5	552.5	592.2	631.1	686.5	769.0
223.5	254.2	281.9	364.2	451.8	495.2	522.2	589.2	722.7
337.8	384.6	432.6	560.8	648.5	695.5	737.4	781.4	818.9
225.2	241.7	272.0	391.7	529.1	573.8	608.7	689.3	782.6
317.4	340.8	365.5	481.4	598.5	634.0	667.2	738.4	790.5
282.5	325.5	357.2	470.3	570.2	614.7	658.5	730.7	809.8
259.0	288.8	324.9	453.7	541.1	577.9	637.1	684.7	801.3
264.6	284.1	309.6	428.3	547.9	562.6	577.6	594.0	616.9
271.2	302.1	331.2	417.4	535.0	592.0	653.6	750.5	837.9

Figure 3.2 Per Capita Gross National Product, 1980 to 1989

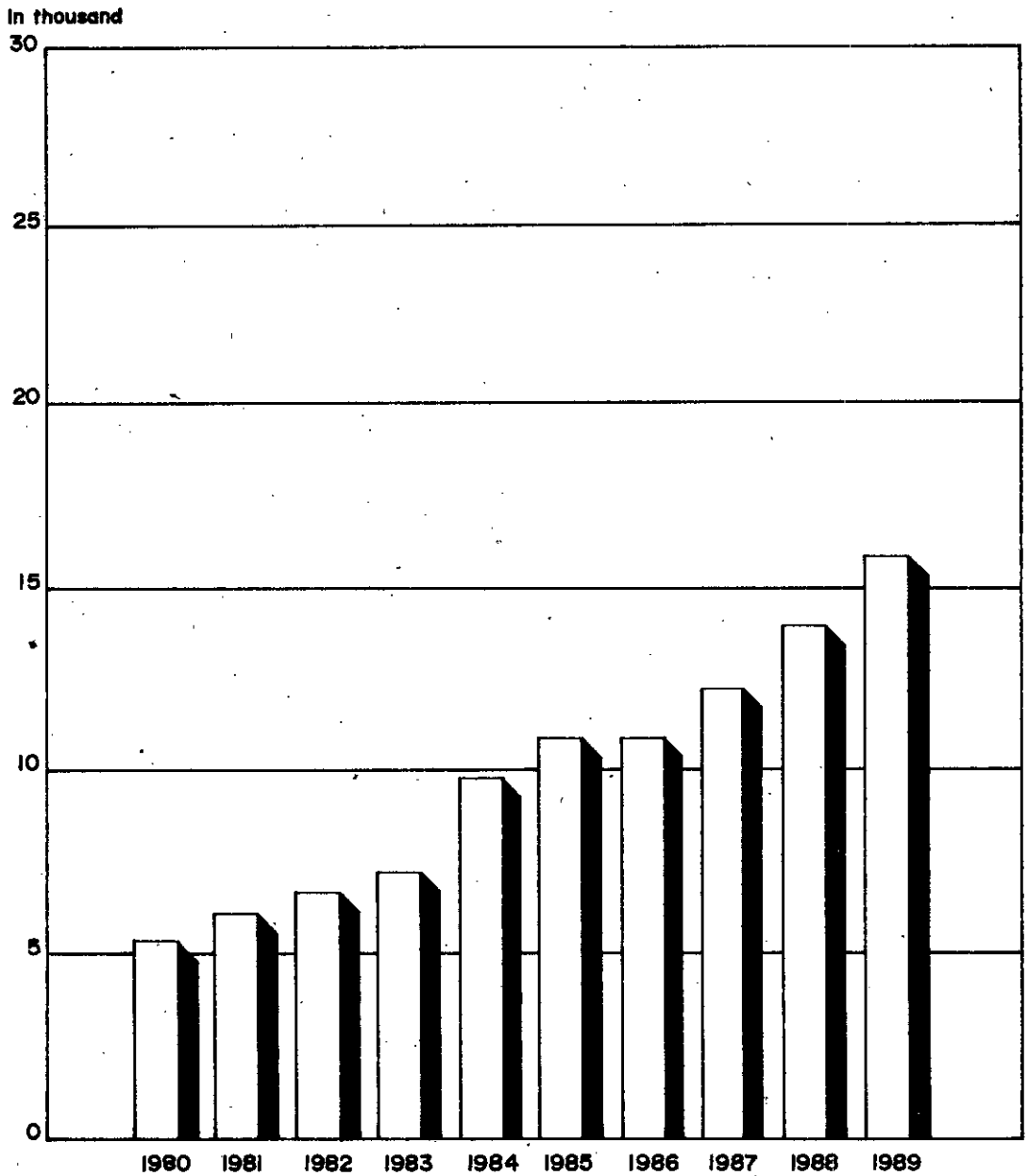


Table 3.37– GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT BY MAJOR TYPE: 1981 to 1989

(In million pesos : at current prices)

Type of equipment	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total Durable Equipment	33,278	34,644	40,893	36,188	33,746	34,618	44,851	58,574	80,861
A. Special Industrial Machinery	15,440	13,997	13,621	12,920	12,475	9,757	13,841	16,248	22,238
1. Agricultural Machinery	2,659	721	578	670	737	217	225	319	360
2. Tractors other than Steam	489	813	654	817	927	73	67	106	249
3. Mining/Construction Equip.	2,164	2,364	1,732	965	883	657	1,056	1,230	1,896
4. Textile Machinery	1,543	1,115	1,036	968	1,076	573	2,163	3,197	5,648
5. Sawmill and Logging Equip.	206	50	40	17	17	78	129	172	182
6. Sugarmill Equipment	250	23	4	3	0	7	13	26	45
7. Pulp and Paper Machinery	195	91	42	365	55	90	205	245	617
8. Metal Working Machinery	1,172	1,340	839	837	1,069	765	1,082	1,230	1,821
9. Communication and Related Machinery	3,031	4,830	4,831	4,801	5,250	4,244	4,277	4,239	3,113
10. Other Special Industrial Machineries	3,731	2,650	3,865	3,477	2,461	3,053	4,624	5,484	8,307
B. General Industrial Machinery	7,501	10,908	12,997	10,243	11,407	16,005	19,483	20,393	25,639
1. Aircon/Refrigeration Equip.	788	141	103	112	124	4,388	5,884	5,570	6,414
2. Pumps and Compressors	1,046	1,053	1,017	951	878	958	1,396	2,008	2,445
3. Other Electrical Machinery	1,595	3,824	5,159	4,616	5,104	6,051	7,219	6,851	5,268
4. Other General Industrial Machineries	4,072	5,890	6,718	4,564	5,301	4,608	4,984	5,964	11,512
C. Transport Equipment	7,133	6,187	9,752	7,402	3,427	2,630	3,269	11,810	20,163
1. Road Vehicles	4,852	5,455	8,060	3,436	3,085	2,406	2,610	8,341	14,818
2. Railway Transport	47	37	44	809	62	38	95	139	15
3. Air Transport	1,076	324	466	2,740	55	3	412	2,894	4,917
4. Water Transport	1,158	371	1,182	417	225	183	152	436	413
D. Miscellaneous Equipment	3,204	3,552	4,523	5,623	6,437	6,226	8,258	10,123	12,821
1. Office Machines and Automatic Data Processing	613	823	882	742	1,004	1,043	1,264	1,354	2,298
2. Other Miscellaneous Durable Equipment	2,591	2,729	3,641	4,881	5,433	5,183	6,994	8,769	10,523

Revised estimates as of April 1989.

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

Table 3.38 – GROSS DOMESTIC PRODUCT BY REGION: 1981 TO 1989
(In million pesos; at current prices)

	Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
	PHILIPPINES	305,260	340,599	384,098	540,467	612,665	624,430	708,369	825,707	963,171
NCR.	*Metro Manila*	94,004	106,140	120,626	158,053	173,686	186,008	216,670	263,587	309,137
CAR.	*Cordillera*							11,760	13,614	15,426
I.	*Ilocos Region*	12,088	13,590	15,475	22,378	27,452	28,149	21,902	24,925	28,371
II.	*Cagayan Valley*	8,468	9,584	10,763	15,448	16,723	14,276	13,429	15,091	18,206
III.	*Central Luzon*	29,280	32,808	36,072	52,009	58,663	56,424	62,384	72,407	84,920
IV.	*Southern Tagalog*	44,485	49,369	56,847	81,291	92,707	94,491	101,235	112,177	130,183
V.	*Bicol Region*	10,155	10,913	12,525	17,739	20,991	20,511	22,585	26,350	30,042
VI.	*Western Visayas*	23,037	25,841	28,830	40,760	42,676	40,719	46,418	53,109	60,977
VII.	*Central Visayas*	20,848	22,792	25,525	36,936	41,174	42,924	49,619	58,880	70,456
VIII.	*Eastern Visayas*	6,705	7,475	8,431	11,659	16,525	16,652	19,457	22,159	25,646
IX.	*Western Mindanao*	10,824	11,762	13,185	18,546	21,516	21,901	25,428	27,738	32,385
X.	*Northern Mindanao*	15,280	17,079	18,046	27,736	32,858	33,644	38,294	44,962	52,053
XI.	*Southern Mindanao*	19,768	21,781	24,947	38,944	45,018	45,354	52,950	61,529	70,080
XII.	*Central Mindanao*	10,317	11,465	12,826	18,967	22,675	23,377	26,239	29,180	35,290

Table 3.39 – GROSS DOMESTIC PRODUCT BY REGION: 1981 TO 1989
(In million pesos; at constant prices)

	Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
	PHILIPPINES	96,208	98,999	99,920	93,927	89,885	91,166	95,483	101,398	107,467
NCR.	*Metro Manila*	30,579	31,626	32,494	29,242	26,670	26,619	28,432	31,014	33,286
CAR.	*Cordillera*							1,460	1,538	1,665
I.	*Ilocos Region*	3,769	3,983	4,052	3,903	4,006	4,264	3,184	3,331	3,430
II.	*Cagayan Valley*	2,649	2,668	2,594	2,408	2,372	2,291	1,949	2,041	2,099
III.	*Central Luzon*	8,309	8,607	8,469	7,808	7,665	7,378	7,678	8,139	8,881
IV.	*Southern Tagalog*	13,178	13,507	13,591	13,367	12,916	13,610	13,207	13,752	14,331
V.	*Bicol Region*	3,152	3,212	3,336	3,171	3,117	3,058	3,148	3,350	3,452
VI.	*Western Visayas*	7,821	8,218	7,972	7,564	6,581	6,346	6,615	6,910	7,215
VII.	*Central Visayas*	6,999	6,970	7,034	6,687	6,280	6,477	7,002	7,531	8,127
VIII.	*Eastern Visayas*	2,286	2,337	2,336	2,203	2,271	2,297	2,977	3,086	3,185
IX.	*Western Mindanao*	3,355	3,383	3,405	3,203	3,259	3,368	3,630	3,749	3,939
X.	*Northern Mindanao*	4,645	4,784	4,611	4,651	4,819	5,004	5,279	5,642	5,971
XI.	*Southern Mindanao*	5,987	6,169	6,424	6,300	6,418	6,678	7,123	7,378	7,725
XII.	*Central Mindanao*	3,479	3,535	3,604	3,420	3,511	3,775	3,799	3,936	4,161

Figures may not add up to total due to rounding.

Preliminary estimates as of June 1990.

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

Table 3.40 – IMPLICIT PRICE INDEX OF GROSS DOMESTIC PRODUCT BY REGION: 1981 to 1989 (Base year: 1972 = 100)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	317.29	344.04	384.41	575.41	681.61	684.94	741.88	814.32	896.25
NCR. Metro Manila	307.41	335.61	371.23	540.50	651.25	698.78	762.06	849.90	928.73
CAR. Cordillera							805.48	885.18	926.49
I. Ilocos Region	320.72	341.20	381.91	573.35	685.29	660.17	687.88	748.27	827.14
II. Cagayan Valley	319.67	359.22	414.92	641.53	705.13	523.10	689.02	739.39	867.37
III. Central Luzon	352.39	381.18	425.93	666.10	765.35	764.73	812.50	889.63	956.20
IV. Southern Tagalog	337.57	365.51	418.27	608.15	717.78	694.26	766.53	815.71	908.40
V. Bicol Region	322.18	339.76	375.45	559.41	673.44	670.76	717.44	786.57	870.28
VI. Western Visayas	294.55	314.44	361.64	538.87	648.47	641.69	701.71	768.58	845.14
VII. Central Visayas	297.87	327.00	362.88	552.36	655.60	662.72	708.64	781.84	866.94
VIII. Eastern Visayas	293.31	319.85	360.92	529.23	727.56	724.89	653.58	718.05	805.21
IX. Western Mindanao	322.62	347.68	387.22	579.02	660.21	650.27	700.50	739.88	822.16
X. Northern Mindana	328.96	357.00	391.37	596.34	681.82	672.32	725.40	796.92	871.76
XI. Southern Mindanao	330.18	353.07	388.34	618.16	701.38	679.16	743.37	833.95	907.18
XII. Central Mindanao	296.55	324.33	355.88	554.59	645.86	619.26	690.68	741.36	848.11

Table 3.41 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY, BY REGION: 1981 to 1989 (In million pesos; at current prices)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	69,391	76,721	84,546	139,505	162,519	155,989	170,770	189,988	225,872
NCR. Metro Manila	-	-	-	-	-	-	0	0	0
CAR. Cordillera							3,119	3,621	3,928
I. Ilocos Region	4,134	5,081	5,628	9,293	11,808	11,044	9,356	10,797	12,189
II. Cagayan Valley	3,433	4,048	5,084	9,201	9,778	7,218	7,163	8,023	10,179
III. Central Luzon	5,770	6,630	6,815	10,484	13,544	11,821	13,174	14,982	19,746
IV. Southern Tagalog	9,921	10,634	11,682	20,283	22,678	23,216	25,253	28,367	33,736
V. Bicol Region	4,795	5,072	5,946	9,644	11,762	11,229	11,613	13,110	14,789
VI. Western Visayas	8,065	8,961	9,224	14,419	15,333	14,674	16,617	18,283	20,834
VII. Central Visayas	3,998	4,310	4,774	7,239	8,344	8,446	9,407	10,149	13,632
VIII. Eastern Visayas	3,335	3,581	4,220	6,561	8,137	7,969	8,586	9,286	10,566
IX. Western Mindanao	6,421	6,885	7,694	11,431	13,389	13,433	14,880	16,030	19,139
X. Northern Mindana	5,919	6,872	6,651	11,997	13,710	14,155	15,217	17,229	20,101
XI. Southern Mindanao	8,138	8,780	10,333	18,700	21,464	20,484	23,005	25,989	29,888
XII. Central Mindanao	5,462	5,867	6,495	10,252	12,570	12,299	13,382	14,122	17,145

Figures may not add up to total due to rounding.

Preliminary estimates as of June 1990.

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

Table 3.42 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY, BY REGION: 1981 to 1989
(In million pesos; at constant prices)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	24,608	25,378	24,845	25,409	26,232	27,110	26,834	27,771	28,887
NCR. Metro Manila	-	-	-	-	-	-	0	0	0
CAR. Cordillera							476	502	508
I. Ilocos Region	1,473	1,723	1,735	1,764	1,879	1,944	1,509	1,609	1,612
II. Cagayan Valley	1,130	1,144	1,183	1,269	1,353	1,304	1,139	1,219	1,244
III. Central Luzon	2,238	2,378	2,175	2,063	2,228	2,210	2,228	2,231	2,521
IV. Southern Tagalog	3,770	3,822	3,626	3,980	3,912	4,233	4,225	4,502	4,580
V. Bicol Region	1,636	1,651	1,759	1,769	1,825	1,801	1,745	1,846	1,860
VI. Western Visayas	2,996	3,193	2,895	3,057	2,775	2,775	2,766	2,843	2,914
VII. Central Visayas	1,544	1,492	1,536	1,467	1,458	1,530	1,548	1,591	1,836
VIII. Eastern Visayas	1,216	1,210	1,221	1,250	1,344	1,389	1,352	1,375	1,375
IX. Western Mindanao	2,037	2,041	2,039	1,976	2,108	2,156	2,104	2,174	2,291
X. Northern Mindanao	1,972	2,102	1,872	2,065	2,137	2,273	2,245	2,301	2,449
XI. Southern Mindanao	2,638	2,688	2,858	2,878	3,190	3,315	3,381	3,442	3,524
XII. Central Mindanao	1,957	1,934	1,946	1,869	2,024	2,179	2,115	2,135	2,173

Table 3.43 – IMPLICIT PRICE INDEX OF GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY BY REGION: 1981 to 1989
(Base year: 1972 = 100)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	281.99	302.31	340.29	549.04	619.54	575.39	636.39	684.12	781.92
NCR. Metro Manila	-	-	-	-	-	-	-	-	-
CAR. Cordillera							655.25	721.31	773.23
I. Ilocos Region	280.65	294.89	324.38	526.81	628.49	567.98	620.01	671.04	756.14
II. Cagayan Valley	303.81	353.85	429.75	725.06	722.70	553.71	628.88	658.16	818.25
III. Central Luzon	257.82	278.81	313.33	508.19	607.81	534.78	591.29	671.54	783.26
IV. Southern Tagalog	263.16	278.23	322.17	509.62	579.65	548.48	597.70	630.10	736.59
V. Bicol Region	293.09	307.21	338.03	545.17	644.49	623.35	665.50	710.18	795.11
VI. Western Visayas	269.19	280.65	318.62	471.67	552.58	528.71	600.76	643.09	714.96
VII. Central Visayas	258.94	288.87	310.81	493.46	572.09	551.98	607.69	637.90	742.48
VIII. Eastern Visayas	274.26	295.95	345.62	524.88	605.64	573.73	635.06	675.35	768.44
IX. Western Mindanao	315.22	337.33	377.34	578.49	635.28	622.98	707.22	737.35	835.40
X. Northern Mindanao	300.15	326.93	355.29	580.97	641.58	622.74	677.82	748.76	820.78
XI. Southern Mindanao	308.49	326.64	361.55	649.76	672.94	617.91	680.42	755.06	848.13
XII. Central Mindanao	279.10	303.36	333.76	548.53	621.13	564.57	632.72	661.45	789.0C

Preliminary estimates as of June 1990.

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

Table 3.44 – PER CAPITA GROSS DOMESTIC PRODUCT BY REGION: 1981 to 1989 (At current prices)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	5,477	6,162	6,707	7,379	11,207	11,150	12,350	14,064	16,040
NCR. Metro Manila	13,371	15,272	16,728	18,444	25,019	26,024	29,451	34,836	39,914
CAR. Cordillera									
I. Ilocos Region	3,021	3,347	3,690	4,122	7,034	7,075	7,701	8,638	9,581
II. Cagayan Valley	3,397	3,710	4,096	4,487	6,634	5,525	6,010	6,566	7,685
III. Central Luzon	5,067	5,919	6,471	6,942	10,752	10,094	10,894	12,368	14,008
IV. Southern Tagalog	6,375	7,024	7,576	8,480	13,077	12,966	13,519	14,607	16,544
V. Bicol Region	2,526	2,843	2,984	3,345	5,353	5,112	5,501	6,262	6,972
VI. Western Visayas	4,377	4,959	5,434	5,925	8,380	7,820	8,720	9,769	10,888
VII. Central Visayas	4,946	5,383	5,768	6,331	9,815	10,033	11,375	13,217	15,626
VIII. Eastern Visayas	2,189	2,347	2,569	2,845	5,378	5,322	6,105	6,846	7,665
IX. Western Mindanao	3,474	4,150	4,404	4,823	7,515	7,479	8,504	9,144	10,507
X. Northern Mindana	4,705	5,359	5,828	5,991	10,338	10,309	11,430	13,054	14,736
XI. Southern Mindanao	5,287	5,715	6,134	6,844	11,735	11,529	13,140	14,823	16,627
XII. Central Mindanao	4,199	4,409	4,772	5,200	3,729	8,772	9,599	10,548	12,458

Table 3.45 – PER CAPITA GROSS DOMESTIC PRODUCT BY REGION: 1981 to 1989 (At constant prices, 1972 = 100)

Region/Year	1981	1982	1983	1984	1985	1986	1987	1988	1989
PHILIPPINES	1,942	1,949	1,920	1,760	1,644	1,628	1,663	1,728	1,783
NCR. Metro Manila	4,968	4,984	4,968	4,339	3,842	3,724	3,865	4,108	4,281
CAR. Cordillera									
I. Ilocos Region	1,044	1,082	1,079	1,020	1,026	1,072	1,059	1,097	1,116
II. Cagayan Valley	1,160	1,140	1,081	979	941	887	869	880	884
III. Central Luzon	1,680	1,698	1,630	1,466	1,405	1,320	1,339	1,392	1,465
IV. Southern Tagalog	2,081	2,073	2,027	1,939	1,822	1,868	1,759	1,791	1,821
V. Bicol Region	882	878	891	827	795	762	767	794	801
VI. Western Visayas	1,684	1,728	1,638	1,519	1,292	1,219	1,241	1,271	1,288
VII. Central Visayas	1,807	1,764	1,745	1,626	1,497	1,514	1,602	1,690	1,785
VIII. Eastern Visayas	800	803	788	730	739	734	929	946	945
IX. Western Mindanao	1,286	1,267	1,245	1,145	1,138	1,150	1,213	1,236	1,271
X. Northern Mindana	1,629	1,632	1,531	1,503	1,516	1,533	1,572	1,635	1,684
XI. Southern Mindanao	1,731	1,737	1,762	1,685	1,673	1,698	1,766	1,774	1,809
XII. Central Mindanao	1,487	1,471	1,461	1,351	1,351	1,417	1,387	1,417	1,459

Preliminary estimates as of January 1989.

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

Table 3.46 – GROWTH RATES OF PER CAPITA GROSS DOMESTIC PRODUCT BY REGION: 1981 to 1989 (At current prices)

	Region/Year	81 - 82	82 - 83	83 - 84	84 - 85	85 - 86	86 - 87	87 - 88	88 - 89
	PHILIPPINES	12.51	8.85	10.01	51.88	-0.51	10.76	13.88	14.05
NCR.	*Metro Manila*	14.22	9.53	10.26	35.65	4.02	13.17	18.28	14.58
CAR.	*Cordillera*								
I.	*Ilocos Region*	10.79	10.25	11.71	70.65	0.58	8.85	12.17	10.92
II.	*Cagayan Valley*	9.21	10.40	9.55	47.85	-16.72	8.78	9.25	17.04
III.	*Central Luzon*	16.81	9.33	7.28	54.88	-6.12	7.93	13.53	13.26
IV.	*Southern Tagalog*	10.18	7.86	11.93	54.21	-0.85	4.27	8.05	13.26
V.	*Bicol Region*	12.55	4.96	12.10	60.03	-4.50	7.61	13.83	11.34
VI.	*Western Visayas*	13.30	9.58	9.04	41.43	-6.68	11.51	12.03	11.45
VII.	*Central Visayas*	8.84	7.15	9.76	55.03	2.22	13.38	16.19	18.23
VIII.	*Eastern Visayas*	7.22	9.46	10.74	89.03	-1.04	14.71	12.14	11.96
IX.	*Western Mindanao*	19.46	6.12	9.51	55.82	-0.48	13.71	7.53	14.91
X.	*Northern Mindanao*	13.90	8.75	2.80	72.56	-0.28	10.87	14.21	12.88
XI.	*Southern Mindanao*	8.10	7.33	11.57	71.46	-1.76	13.97	12.81	12.17
XII.	*Central Mindanao*	5.00	8.23	8.97	-28.29	135.24	9.43	9.89	18.11

Table 3.47 – GROWTH RATES OF PER CAPITA GROSS DOMESTIC PRODUCT BY REGION: 1981 to 1989 (At constant prices, 1972=100)

	Region/Year	81 - 82	82 - 83	83 - 84	84 - 85	85 - 8	86 - 8	87 - 88	88 - 8
	PHILIPPINES	0.35	(1.51)	(8.31)	(6.59)	(0.97)	2.15	3.91	3.18
NCR.	*Metro Manila*	0.32	(0.32)	(12.66)	(11.45)	(3.07)	3.79	6.29	4.21
CAR.	*Cordillera*								
I.	*Ilocos Region*	3.64	(0.25)	(5.47)	0.59	4.48	(1.21)	3.59	1.73
II.	*Cagayan Valley*	(1.74)	(5.19)	(9.44)	(3.88)	(5.74)	(2.03)	1.27	0.45
III.	*Central Luzon*	1.07	(3.98)	(10.06)	(4.16)	(6.05)	1.44	3.96	5.24
IV.	*Southern Tagalog*	(0.38)	(2.21)	(4.34)	(6.03)	2.52	(5.84)	1.82	1.68
V.	*Bicol Region*	(0.49)	1.47	(7.18)	(3.87)	(4.15)	0.66	3.52	0.88
VI.	*Western Visayas*	2.65	(5.22)	(7.26)	(14.94)	(5.65)	1.80	2.42	1.34
VII.	*Central Visayas*	(2.38)	(1.08)	(6.82)	(7.93)	1.14	5.81	5.49	5.62
VIII.	*Eastern Visayas*	0.40	(1.91)	(7.36)	1.23	(0.68)	26.57	1.83	(0.11)
IX.	*Western Mindanao*	(1.54)	(1.70)	(8.03)	(0.61)	1.05	5.48	1.90	2.83
X.	*Northern Mindanao*	0.18	(6.20)	(1.83)	0.86	1.12	2.54	4.01	3.00
XI.	*Southern Mindanao*	0.36	1.44	(4.37)	(0.71)	1.49	4.00	0.45	1.97
XII.	*Central Mindanao*	(1.05)	(0.69)	(7.52)	0.00	4.89	(2.12)	2.16	2.96

Preliminary estimates as of June 1990.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

Figure 3.3 Gross National Product by Expenditure Share, 1980 to 1989 (at 1972 constant prices)

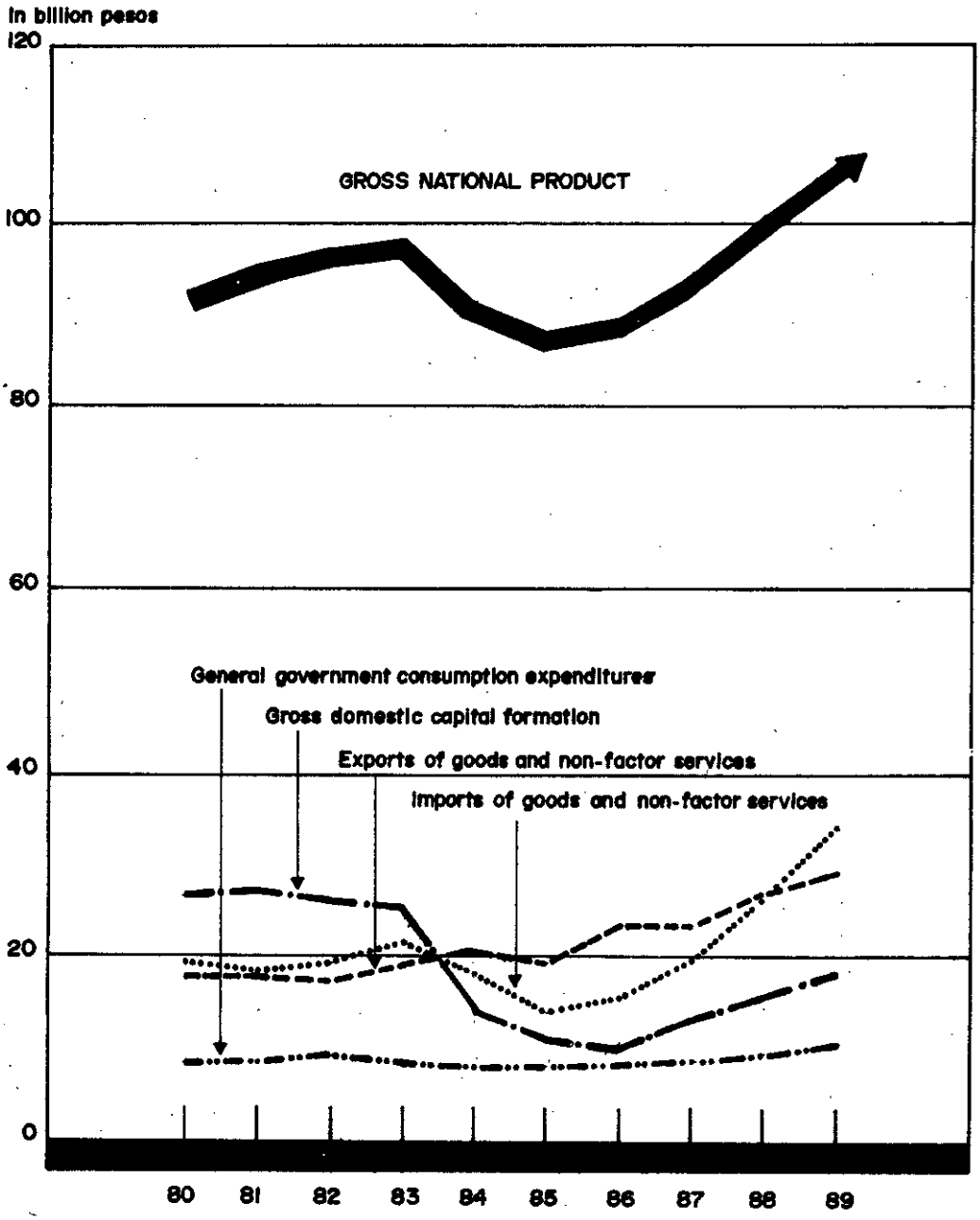


Table 3.48 – MATRIX OF TECH–
(12 x 12

Sectors	01	02	03	04	05
01 Crops, livestock and poultry	0.0770905	0.0013163	0.0000000	0.0000000	0.4260115
02 Fisheries	0.0000000	0.0135210	0.0000000	0.0000000	0.0277752
03 Forestry and logging	0.0001001	0.0000028	0.0539785	0.0042054	0.0003147
04 Mining and quarrying		0.0004609		0.0234900	0.0003015
05 Food manufactures	0.0763833	0.0341182	0.0000000	0.0000000	0.1488550
06 Other manufactures	0.0538917	0.0916777	0.0709949	0.1524771	0.0399060
07 Construction	0.0003974	0.0000000	0.0000000	0.0058354	0.0000431
08 Electricity, gas and water	0.0034654	0.0010276	0.0005795	0.0374034	0.0156743
09 Transportation, communication and storage	0.0148272	0.0294936	0.0195440	0.0094105	0.0146317
10 Trade	0.0426558	0.0398098	0.0257960	0.0524903	0.0701075
11 Banking, insurance and real estate	0.0018548	0.0068195	0.0018644	0.0012587	0.0007261
12 Other sevices	0.0056157	0.0024789	0.0073264	0.0127094	0.0010402
INTERMEDIATE INPUT	0.2762820	0.2207262	0.1800838	0.2992804	0.7453868
13 Wages and salaries	0.3835050	0.3122294	0.2408895	0.2349172	0.0804848
14 Operating surplus	0.3402130	0.4670445	0.5790268	0.4658024	0.1741284
TOTAL PRIMARY INPUTS	0.7237179	0.7792738	0.8199162	0.7007196	0.2546132
TOTAL INPUTS	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

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

NICAL COEFFICIENTS, 1983
sectors)

06	07	08	09	10	11	12
0.0152171	0.0000000	0.0000000	0.0029214	0.0000000	0.0000000	0.0161849
0.0029916	0.0000000	0.0000000	0.0043035	0.0000000	0.0000000	0.0133099
0.0311003	0.0046215	0.0073473	0.0000000	0.0000000	0.0000000	0.0000317
0.1168612	0.0184907	0.0030370	0.0000002		0.0008233	0.0000036
0.0248737	0.0000000	0.0000000	0.0121451	0.0000000	0.0000000	0.0633267
0.3112613	0.3595505	0.5168984	0.2785440	0.0430158	0.0468225	0.0632992
0.0005162	0.0023858	0.0006583	0.0008680	0.0066029	0.0056802	0.0043364
0.0171238	0.0138549	0.0332113	0.0093263	0.0197396	0.0062252	0.0332358
0.0248743	0.0118851	0.0180145	0.0546868	0.0387492	0.0177314	0.0224508
0.0713702	0.0415033	0.0664418	0.0534316	0.0117552	0.0111628	0.0245433
0.0048930	0.0020408	0.0009638	0.0071519	0.0533827	0.0129076	0.0103785
0.0153244	0.0118179	0.0100987	0.0325019	0.0472909	0.0675651	0.0480061
0.6364070	0.4661506	0.6566711	0.4558808	0.2205363	0.1689181	0.2991070
0.1038863	0.1719019	0.1159371	0.2520292	0.2519606	0.1535111	0.4916404
0.2597067	0.3619475	0.2273918	0.2920901	0.5275031	0.6775708	0.2092526
0.3635930	0.5338494	0.3433289	0.5441192	0.7794637	0.8310819	0.7008930
1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

Table 3.49 – MATRIX OF INVERSE (12 x 12

Sectors	01	02	03	04	05
01 Crops, livestock and poultry	1.1353702	0.0276172	0.0052451	0.0109403	0.5733806
02 Fisheries	0.0037006	1.0159697	0.0008821	0.0016856	0.0357131
03 Forestry and logging	0.0044207	0.0059209	1.0615738	0.0148967	0.0066281
04 Mining and quarrying	0.0150499	0.0214265	0.0160390	1.0598834	0.0217150
05 Food manufactures	0.1071155	0.0494112	0.0058580	0.0119604	1.2348053
06 Other manufactures	0.1249476	0.1744875	0.1337402	0.2968771	0.1770258
07 Construction	0.0011998	0.0008024	0.0005572	0.0071316	0.0015702
08 Electricity, gas and water	0.0108262	0.0080673	0.0053765	0.0495073	0.0298772
09 Transport, communication and storage	0.0266391	0.0410585	0.0280578	0.0243575	0.0408710
10 Trade	0.0693390	0.0627555	0.0412080	0.0851785	0.1327292
11 Bank, insurance and real estate	0.0069883	0.0118322	0.0052944	0.0080051	0.0108367
12 Other services	0.0140500	0.0114576	0.0140210	0.0253699	0.0171094
Sub-total	1.5196468	1.4308065	1.3178532	1.5957935	2.2822615

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

COEFFICIENTS, $(I-A)^{-1}$PHILIPPINES: 1983
sectors)

06	07	08	09	10	11	12
0.0520710	0.0208384	0.0296670	0.0293238	0.0075998	0.0077381	0.0633948
0.0070788	0.0030202	0.0042453	0.0079353	0.0016570	0.0017421	0.0175244
0.0529821	0.0252641	0.0371353	0.0166112	0.0043589	0.0036713	0.0061128
0.1887250	0.0908170	0.1067710	0.0588286	0.0149859	0.0136695	0.0206170
0.0546657	0.0223147	0.0316146	0.0365910	0.0094706	0.0099043	0.0907113
1.5751515	0.5990031	0.8639788	0.4902446	0.1228814	0.1056825	0.1698519
0.0031981	1.0041456	0.0030542	0.0025855	0.0076158	0.0064545	0.0053570
0.0411591	0.0324655	1.0593856	0.0261823	0.0269641	0.0126216	0.0436045
0.0540498	0.0361835	0.0531036	1.0793466	0.0490970	0.0255598	0.0550132
0.1385561	0.0985523	0.1480442	0.1048660	1.0296601	0.0254377	0.0156200
0.0166779	0.0112342	0.0144213	0.0167489	0.0573778	1.0160486	0.0156200
0.0390562	0.0309423	0.0373059	0.0525960	0.0595492	0.0764344	1.0596138
2.2233710	1.9747808	2.3887268	1.9218599	1.3912173	1.3049643	1.5630407

Table 3.50 – 1983 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government[1]	
	U	S	U	S	U	S
1. Gross Savings		42,754		19,970		8,835
2. Capital Consumption		27,782		7,667		3,614
3. Net Savings		14,972		12,303		5,221
4. Gross Investments	42,317		19,970		8,835	
5. Real Investments	(7,838)		72,143		37,106	
6. Consumer Durables	2,910					
7. Real Estate/Other Fixed Assets	6,479		48,532		37,173	
8. Inventory	(17,227)		23,611		(67)	
9. Net Fin'l Investment	50,155		(52,173)		(28,271)	
10. Total Financial Uses	16,346		43,384		36,584	
11. Total Financial Sources		(33,809)		95,557		64,855
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(29,698)		27,876
15. Other Foreign Monetary Clms.						
16. Domestic Currency	118		17		5,016	
17. Demand Deposits	152		2,400		3,645	
18. Savings & Time Deposits	12,172		81		30	
19. Deposit Substitutes	(2,473)		1,091		(43)	
20. Domestic loans		(23,881)	12,701	58,290	437	7,743
21. Domestic Securities	4,290		6,134	19,973	18,132	14,728
22. Insurance Reserves	1,043		170			
23. Trust Funds	1,044		514			
24. Trade Credits		(13,595)	8,958	20,637	4,371	6,287
25. Taxes Payable			(220)	(1,509)	(443)	
26. Inter-Financial Claims						
27. Intra-Government					1,946	1,946
28. Miscellaneous		3,667	11,538	27,864	3,493	6,275
29. Statistical Discrepancy	437					

[1] National, Local & Owned or Controlled Corporations.

Source: Central Bank of the Philippines.

MATRIX BY SECTOR
pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	7,318		78,877		26,996		105,873		78,877
	554		39,617				39,617		39,617
	6;764		39,260		26,996		66,256		39,260
7,318		78,440		26,996		105,436		78,440	
4,025		105,436				105,436		105,436	
		2,910				2,910		2,910	
3,070		95,254				95,254		95,254	
955		7,272				7,272		7,272	
3,293		(26,996)		26,996				(26,996)	
98,710		195,024		41,159		236,183			
	95,417		222,020		14,163		236,183		
(5,591)		(5,591)			(5,591)	(5,591)	(5,591)		
(5,771)	10,041	(5,771)	10,041	10,041	(5,771)	4,270	4,270		
10,993	27,130	10,993	25,308	25,308	10,993	36,301	36,301		
14,532	5,810	14,532	5,810	5,810	14,532	20,342	20,342		
2,524	7,675	7,675	7,675			7,675	7,675		
(695)	5,502	5,502	5,502			5,502	5,502		
264	12,547	12,547	12,547			12,547	12,547		
	(1,425)	(1,425)	(1,425)			(1,425)	(1,425)		
31,436	2,422	44,574	44,574			44,574	44,574		
8,309	2,164	36,865	36,865			36,865	36,865		
(48)	1,165	1,165	1,165			1,165	1,165		
(2)	1,556	1,556	1,556			1,556	1,556		
		13,329	13,329			13,329	13,329		
	846	(663)	(663)			(663)	(663)		
7,711	7,711	7,711	7,711			7,711	7,711		
		1,946	1,946			1,946	1,946		
35,048	12,273	50,079	50,079			50,079	50,079		
		437				437		437	

Table 3.51 – 1984 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government [1]	
	U	S	U	S	U	S
1. Gross Savings		36,039		20,034		26,168
2. Capital Consumption		24,789		17,338		11,527
3. Net Savings		11,250		2,696		14,641
4. Gross Investments	35,466		20,034		26,168	
5. Real Investments	32,857		6,371		49,562	
6. Consumer Durables	3,825					
7. Real Estate/Other Fixed Assets	(24,943)		68,211		49,412	
8. Inventory	53,975		(61,840)		150	
9. Net Fin'l Investment	2,608		13,663		(23,394)	
10. Total Financial Uses	(27,951)		(32,353)		28,738	
11. Total Financial Sources		(30,559)		(46,016)		52,132
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(9,925)		34,487
15. Other Foreign Monetary Clms.						
16. Domestic Currency	(9,538)		(21)		12,376	
17. Demand Deposits	12,519		(3,143)		(4,512)	
18. Savings & Time Deposits	4,244		4,112		(1,465)	
19. Deposit Substitutes	(3,242)		491		1,180	
20. Domestic loans		(55,463)	13,856	24,148	188	44,863
21. Domestic Securities	(34,017)		(17,835)	(15,247)	13,776	(36,490)
22. Insurance Reserves	5,080		(151)			
23. Trust Funds	(2,997)		(67)			
24. Trade Credits		11,863	(26,947)	(42,167)	(2,643)	714
25. Taxes Payable			391	103	3,937	
26. Inter-Financial Claims						
27. Intra-Government					8,101	8,101
28. Miscellaneous		13,041	(3,039)	(2,928)	(2,200)	457
29. Statistical Discrepancy	574					

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

MATRIX BY SECTOR

pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	(375)		81,866		14,484		96,350		81,866
	669		54,323				54,323		54,323
	(1,044)		27,543		14,484		42,027		27,543
(375)		81,293		14,484		95,776		81,292	
6,986		95,776				95,776		95,776	
		3,825				3,825		3,825	
7,415		100,095				100,095		100,095	
(429)		(8,144)				(8,144)		(8,144)	
(7,361)		(14,484)		14,484				(14,484)	
125,480		93,914		78,576		172,490			
	132,841		108,398		64,092		172,490		
27,554		27,554			27,554	27,554	27,554		
8,264	7,097	8,264	7,097	7,097	8,264	15,361	15,361		
6,140	40,231	6,140	64,793	64,793	6,140	70,933	70,933		
22,134	6,686	22,134	6,686	6,686	22,134	28,820	28,820		
226	3,043	3,043	3,043			3,043	3,043		
780	5,644	5,644	5,644			5,644	5,644		
95	6,986	6,986	6,986			6,986	6,986		
	(1,571)	(1,571)	(1,571)			(1,571)	(1,571)		
6,540	7,036	20,584	20,584			20,584	20,584		
4,625	18,286	(33,451)	(33,451)			(33,451)	(33,451)		
36	4,965	4,965	4,965			4,965	4,965		
1	(3,063)	(3,063)	(3,063)			(3,063)	(3,063)		
		(29,590)	(29,590)			(29,590)	(29,590)		
2	4,227	4,330	4,330			4,330	4,330		
15,407	15,407	15,407	15,407			15,407	15,407		
		8,101	8,101			8,101	8,101		
33,676	17,867	28,437	28,437			28,437	28,437		
		574				574		574	

Table 3.52 – 1985 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government [1]	
	U	S	U	S	U	S
1. Gross Savings		61,290		4,540		35,885
2. Capital Consumption		60,746		1,321		5,190
3. Net Savings		544		3,219		30,695
4. Gross Investments	60,797		4,540		35,885	
5. Real Investments	(17,505)		62,181		30,063	
6. Consumer Durables	3,285					
7. Real Estate/Other Fixed Assets	18,632		29,655		27,746	
8. Inventory	(39,422)		32,526		2,317	
9. Net Fin'l Investment	78,302		(57,641)		5,822	
10. Total Financial Uses	41,057		(45,360)		22,923	
11. Total Financial Sources		(37,245)		12,281		17,101
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(21,295)		(3,145)
15. Other Foreign Monetary Clms.						
16. Domestic Currency	2,155		(7)		538	
17. Demand Deposits	(1,833)		(831)		168	
18. Savings & Time Deposits	20,316		(1,768)		881	
19. Deposit Substitutes	(10,055)		7,046		(1,089)	
20. Domestic loans		(89,837)	(87,716)	(4,626)	(467)	311
21. Domestic Securities	31,343		5,855	13,610	21,586	13,143
22. Insurance Reserves	(1,697)		12			
23. Trust Funds	828		465			
24. Trade Credits		19,390	29,271	21,007	221	(10,905)
25. Taxes Payable			1,250	442	(995)	
26. Inter-Financial Claims						
27. Intra-Government					8,933	8,933
28. Miscellaneous		33,202	1,063	3,143	(6,853)	8,764
29. Statistical Discrepancy	493					

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

MATRIX BY SECTOR

pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	(6,263)		95,452		(6,272)		89,180		95,452
	458		67,715				67,715		67,715
	(6,721)		27,737		(6,272)		21,465		27,737
(6,263)		94,959		(6,272)		88,687		94,959	
13,948		88,687				88,687		88,687	
		3,285				3,285		3,285	
13,941		89,974				89,974		89,974	
7		(4,572)				(4,572)		(4,572)	
(20,211)		6,272		(6,272)				6,272	
44,909		63,529		(4,711)		58,818			
	65,120		57,257		1,561		58,818		
19,977		19,977			19,977	19,977	19,977		
26,046	(2,346)	26,046	(2,346)	(2,396)	26,046	23,650	23,700		
(9,848)	31,882	(9,848)	7,442	7,442	(9,848)	(2,406)	(2,406)		
(34,614)	(9,807)	(34,614)	(9,807)	(9,807)	(34,614)	(44,421)	(44,421)		
(347)	2,339	2,339	2,339			2,339	2,339		
(1,063)	(3,559)	(3,559)	(3,559)			(3,559)	(3,559)		
(126)	19,303	19,303	19,303			19,303	19,303		
	(4,098)	(4,098)	(4,098)			(4,098)	(4,098)		
1,618	7,587	(86,565)	(86,565)			(86,565)	(86,565)		
(2,891)	29,140	55,893	55,893			55,893	55,893		
(42)	(1,727)	(1,727)	(1,727)			(1,727)	(1,727)		
119	1,412	1,412	1,412			1,412	1,412		
		29,492	29,492			29,492	29,492		
(448)	(635)	(193)	(193)			(193)	(193)		
10,595	10,595	10,595	10,595			10,595	10,595		
		8,933	8,933			8,933	8,933		
35,933	(14,966)	30,143	30,143			30,143	30,143		
		493				493		493	

Table 3.53 – 1986 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government[1]	
	U	S	U	S	U	S
1. Gross Savings		106,436		(1,605)		2,486
2. Capital Consumption		63,037		(400)		8,873
3. Net Savings		43,399		(1,205)		(6,387)
4. Gross Investments	105,873		(1,605)		2,486	
5. Real Investments	(82,360)		(437)		174,776	
6. Consumer Durables	3,752					
7. Real Estate/Other Fixed Assets	(86,519)		(2,048)		176,050	
8. Inventory	407		1,611		(1,274)	
9. Net Fin'l Investment	188,233		(1,168)		(172,290)	
10. Total Financial Uses	81,183		5,136		24,003	
11. Total Financial Sources		(107,050)		6,304		196,293
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(102,034)		106,440
15. Other Foreign Monetary Clms.						
16. Domestic Currency	4,064		(9)		(900)	
17. Demand Deposits	7,770		(1,248)		7,270	
18. Savings & Time Deposits	4,216		736		1,860	
19. Deposit Substitutes	(1,640)		2,367		(6,302)	
20. Domestic loans		(118,221)	(4,513)	102,321	1,971	8,422
21. Domestic Securities	66,935		2,219	2,551	9,133	87,802
22. Insurance Reserves	403		10			
23. Trust Funds	(565)		37			
24. Trade Credits		12,994	3,842	2,129	(2,720)	(14,001)
25. Taxes Payable			20	474	(969)	
26. Inter-Financial Claims						
27. Intra-Government					17,558	17,558
28. Miscellaneous		(1,823)	1,675	863	(2,898)	(9,928)
29. Statistical Discrepancy	563					

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

MATRIX BY SECTOR

pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	12,611		119,928		(33,414)		86,514		119,928
	735		72,245				72,245		72,245
	11,876		47,683		(33,414)		14,269		47,683
12,611		119,365		(33,414)		85,951		119,365	
(6,028)		85,951				85,951		85,951	
		3,752				3,752		3,752	
(6,509)		80,974				80,974		80,974	
481		1,225				1,225		1,225	
18,639		33,414		(33,414)				33,414	
60,437		170,759		19,081		189,840			
	41,798		137,345		52,495		189,840		
(2,704)		(2,704)			(2,704)	(2,704)	(2,704)		
1,336	(24,035)	1,336	(24,035)	(24,035)	1,336	(22,699)	(22,699)		
(62)	37,035	(62)	41,441	41,441	(62)	41,379	41,379		
53,925	1,675	53,925	1,675	1,675	53,925	55,600	55,600		
3,436	6,591	6,591	6,591			6,591	6,591		
(212)	13,580	13,580	13,580			13,580	13,580		
326	7,138	7,138	7,138			7,138	7,138		
1,549	(4,026)	(4,026)	(4,026)			(4,026)	(4,026)		
(18,760)	(13,824)	(21,302)	(21,302)			(21,302)	(21,302)		
12,580	514	90,867	90,867			90,867	90,867		
2,889	3,302	3,302	3,302			3,302	3,302		
(115)	(643)	(643)	(643)			(643)	(643)		
		1,122	1,122			1,122	1,122		
(2)	(1,425)	(951)	(951)			(951)	(951)		
2,252	2,252	2,252	2,252			2,252	2,252		
		17,558	17,558			17,558	17,558		
3,999	13,664	2,776	2,776			2,776	2,776		
		563				563			

Table 3.54 – 1987 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government [1]	
	U	S	U	S	U	S
1. Gross Savings		77,906		48,864		(58,318)
2. Capital Consumption		23,358		42,938		8,461
3. Net Savings		54,548		6,026		(66,779)
4. Gross Investments	77,805		48,864		(58,318)	
5. Real Investments	97,321		(10,096)		32,694	
6. Consumer Durables	672					
7. Real Estate/Other Fixed Assets	96,626		(17,152)		30,468	
8. Inventory	23		7,056		2,226	
9. Net Financial Investment	(19,516)		58,960		(91,012)	
10. Total Financial Uses	54,837		18,595		(2,966)	
11. Total Financial Sources		74,353		(40,365)		88,046
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				9,867		12,654
15. Other Foreign Monetary Clms.						
16. Domestic Currency	31,500		82		(23,614)	
17. Demand Deposits	19,330		(764)		11,870	
18. Savings & Time Deposits	(6,045)		2,533		(571)	
19. Deposit Substitutes	(15,380)		10,908		4,881	
20. Domestic loans		27,981	(41,820)	(64,806)	7,722	(5,456)
21. Investments/ Securities	22,905		19,861	5,208	(23,382)	57,702
22. Insurance Reserves	1,666		22			
23. Trust Funds	861		(610)			
24. Trade Credits		(1,443)	21,306	22,793	8,161	7,339
25. Taxes Payable			(401)	808	(1,200)	
26. Inter-Financial Claims						
27. Intra-Government					8,646	8,646
28. Miscellaneous		47,815	7,478	(14,235)	4,521	7,161
29. Statistical Discrepancy	101					

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

MATRIX BY SECTOR
pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	39,983		108,435		210		108,645		108,435
	3,059		77,816				77,816		77,716
	36,924		30,719		210		30,929		30,719
39,983		108,334		210		108,544		108,334	
(11,375)		108,544				108,544		108,544	
		672				672		672	
(11,395)		98,547				98,547		98,547	
20		9,325				9,325		9,325	
51,358		(210)		210				(210)	
2,842		73,308		(968)		72,340		73,308	
	(48,516)		73,518		(1,178)		72,340		73,518
6,098		6,098			6,098	6,098	6,098		
(589)	(4,184)	(589)	(4,184)	(4,184)	(589)	(4,773)	(4,773)		
2,409	(20,252)	2,409	2,269	2,269	2,409	4,678	4,678		
(9,096)	947	(9,096)	947	947	(9,096)	(8,149)	(8,149)		
(739)	7,229	7,229	7,229			7,229	7,229		
(55)	30,381	30,381	30,381			30,381	30,381		
2,524	(1,559)	(1,559)	(1,559)			(1,559)	(1,559)		
1,719	2,128	2,128	2,128			2,128	2,128		
(26,120)	(17,937)	(60,218)	(60,218)			(60,218)	(60,218)		
1,634	(41,892)	21,018	21,018			21,018	21,018		
(2,889)	(1,201)	(1,201)	(1,201)			(1,201)	(1,201)		
	251	251	251			251	251		
(37)	741	29,430	29,430			29,430	29,430		
(1)	(2,410)	(1,602)	(1,602)			(1,602)	(1,602)		
2,524	2,524	2,524	2,524			2,524	2,524		
		8,646	8,646			8,646	8,646		
25,460	(3,232)	37,459	37,509			37,459	37,509		
		101				101		101	

Table 3.55 – 1988 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government[1]	
	U	S	U	S	U	S
1. Gross Savings		98,399		25,661		17,174
2. Capital Consumption		65,301		8,828		4,504
3. Net Savings		33,098		16,833		12,670
4. Gross Investments	98,173		25,661		17,174	
5. Real Investments	65,864		35,098		49,155	
6. Consumer Durables	1,509					
7. Real Estate/Other Fixed Assets	63,982		20,770		46,724	
8. Inventory	373		14,328		2,431	
9. Net Financial Investment	32,309		(9,437)		(31,981)	
10. Total Financial Uses	50,731		37,769		56,241	
11. Total Financial Sources		18,422		47,206		88,222
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				(6,130)		7,474
15. Other Foreign Monetary Clms.						6,225
16. Domestic Currency	4,594		10		(1,181)	
17. Demand Deposits	3,028		889		13,711	
18. Savings & Time Deposits	25,922		2,542		3,272	
19. Deposit Substitutes	(14,969)		11,616		1,589	
20. Domestic loans		(136)	180	24,484	18,375	11,091
21. Investments/ Securities	23,311		2,165	11,090	21,025	53,298
22. Insurance Reserves	8,730		32			
23. Trust Funds	115		(60)			
24. Trade Credits		3,682	16,139	11,599	24,588	25,771
25. Taxes Payable			694	1,219	(71)	
26. Inter-Financial Claims						
27. Intra-Government					15,076	15,076
28. Miscellaneous		14,876	3,562	4,944	(40,143)	(24,488)
29. Statistical Discrepancy	226					

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

MATRIX BY SECTOR

pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	5,208		146,442		4,046		150,488		146,442
	63		78,696				78,696		78,696
	5,145		67,746		4,046		71,792		67,746
5,208		146,216		4,046		150,262		146,216	
145		150,262				150,262		150,262	
		1,509				1,509		1,509	
492		131,968				131,968		131,968	
(347)		16,785				16,785		16,785	
5,063		(4,046)		4,046				(4,046)	
80,302		225,043		15,697		240,740		225,043	
	75,239		229,089		11,651		240,740		229,089
3,346		3,346			3,346	3,346	3,346		
509	6,286	509	6,286	6,286	509	6,795	6,795		
1,459	3,224	1,459	4,568	468	1,459	1,927	6,027		
6,337	4,843	6,337	11,068	4,843	6,337	11,180	17,405		
1,340	4,763	4,763	4,763			4,763	4,763		
(544)	17,084	17,084	17,084			17,084	17,084		
1,931	33,667	33,667	33,667			33,667	33,667		
(810)	(2,574)	(2,574)	(2,574)			(2,574)	(2,574)		
23,531	6,647	42,086	42,086			42,086	42,086		
23,320	5,433	69,821	69,821			69,821	69,821		
	8,762	8,762	8,762			8,762	8,762		
4	59	59	59			59	59		
(173)	(498)	40,554	40,554			40,554	40,554		
	(596)	623	623			623	623		
4,309	4,309	4,309	4,309			4,309	4,309		
		15,076	15,076			15,076	15,076		
15,743	(16,170)	(20,838)	(20,838)			(20,838)	(20,838)		
		226				226		226	

Table 3.56 – 1989 SUMMARY
(In million

Sectors Transaction Categories	Whole Domestic					
	Households & Non-Corporate Business		Private Corporations		Government[1]	
	U	S	U	S	U	S
1. Gross Savings		55,798		93,064		(4,281)
2. Capital Consumption		13,892		69,223		2,626
3. Net Savings		41,906		23,841		(6,907)
4. Gross Investments	55,464		93,064		(4,281)	
5. Real Investments	(556)		135,538		47,552	
6. Consumer Durables	2,227					
7. Real Estate/Other Fixed Assets	2,537		117,987		43,725	
8. Inventory	(5,320)		17,551		3,827	
9. Net Financial Investment	56,020		(42,474)		(51,833)	
10. Total Financial Uses	100,523		58,177		(35,056)	
11. Total Financial Sources		44,503		100,651		16,777
12. Gold & Foreign Cur. Holdings						
13. Foreign Currency Deposits						
14. Foreign loans				2,353		25,966
15. Other Foreign Monetary Clms.						
16. Domestic Currency	(4,355)		4		9,995	
17. Demand Deposits	35,688		1,073		(27,690)	
18. Savings & Time Deposits	31,218		2,857		9,164	
19. Deposit Substitutes	4,284		5,498		(4,058)	
20. Domestic loans		31,137	11,360	45,005	1,706	(29,455)
21. Investments/ Securities	31,469		12,895	19,415	(30,648)	11,305
Government Securities	18,139		1,663		(284)	24,757
Others	13,330		11,232		(30,364)	(13,452)
22. Insurance Reserves	2,306		78			
23. Trust Funds	(87)		208			
24. Trade Credits		10,391	18,228	22,760	(189)	(15,136)
25. Taxes Payable			592	2,657	3,230	
26. Inter-Financial Claims						
27. Intra-Government					36,111	36,111
28. Miscellaneous		2,975	5,384	8,461	(32,677)	(12,014)
29. Statistical Discrepancy	334					

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

MATRIX BY SECTOR
pesos)

Economy									
Economy									
Financial Intermediary		Total		Rest of the World		All Sectors		National Savings and Investments	
U	S	U	S	U	S	U	S	U	S
	17,744		162,325		20,835		183,160		93,064
	1,694		87,435				87,435		69,223
	16,050		74,890		20,835		95,725		23,841
17,744		161,991		20,835		182,826		93,064	
292		182,826				182,826		135,538	
		2,227				2,227			
360		164,609				164,609		117,987	
(68)		15,990				15,990		17,551	
17,452		(20,835)		20,835				(42,474)	
154,064		277,708		36,301		314,009		58,177	
	136,612		298,543		15,466		314,009		100,651
424		424			424	424	424		
6,044	11,328	6,044	11,328	11,328	6,044	17,372	17,372		
4,107	(416)	4,107	27,903	27,903	4,107	32,010	32,010		2,353
4,891	(2,930)	4,891	(2,930)	(2,930)	4,891	1,961	1,961		
1,109	6,753	6,753	6,753			6,753	6,753	4	
(2,940)	6,131	6,131	6,131			6,131	6,131	1,073	
70	43,309	43,309	43,309			43,309	43,309	2,857	
	5,724	5,724	5,724			5,724	5,724	5,498	
36,251	2,630	49,317	49,317			49,317	49,317	11,360	45,005
24,925	7,921	38,641	38,641			38,641	38,641	12,895	19,415
8,789	1,946	28,307	26,703					1,663	
16,136	5,975	10,334	(7,477)					11,232	
6	2,390	2,390	2,390			2,390	2,390	78	
3	124	124	124			124	124	218	
233	257	18,272	18,272			18,272	18,272	18,228	22,760
1,027	2,192	4,849	4,849			4,849	4,849	592	2,657
45,015	45,015	45,015	45,015			45,015	45,015		
		36,111	36,111			36,111	36,111		
32,899	6,184	5,606	5,606			5,606	5,606	5,384	8,461
		334				334			

Table 3.57 – FLOW OF FUNDS CAPITAL

(In million

Sector Transaction Categories	Financial			
	Total		Sub-total	
	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	0	95,417		47,042
12. Gold & Foreign Currency Holdings	(5,591)	0	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, 1983
pesos)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	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)	834
3,351	1,838	79	414	3,211	268	319	669
				(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 3.57 – 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, 1983 (continued)
pesos)

Sector							
Government							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
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 3.57 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Non-Financial			
	TOTAL		Sub-total	
	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, 1983 (continued)
pesos)

Sector			
Private			
Corporations		Households and Non-Corporate Business	
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 3.57 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Non-Financial			
	TOTAL		Govern- National	
	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				
14. Foreign loans		27,876		9,772
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, 1983 (continued)
pesos)

Sector					
m e n t				1983 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	0

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector Transaction Categories	Financial			
	Total		Sub-total	
	U	S	U	S
1. Gross Savings		(375)		4,430
2. Capital Consumption		669		580
3. Net Savings		(1,044)		3,850
4. Gross Investment	(375)		4,430	
5. Real Investment	6,986		2,811	
6. Consumer Durables				
7. Real Estate/Fixed Assets	7,415		2,814	
8. Inventory	(429)		(3)	
9. Net Financial Investment	(7,361)		1,619	
10. Total Financial Uses	125,480		39,054	
11. Total Financial Sources		132,841		37,435
12. Gold & Foreign Currency Holdings	27,554		505	
13. Foreign Currency Deposits	8,264	7,097		6,439
14. Foreign loans	6,140	40,231	1,286	12,556
15. Other Foreign Claims	22,134	6,686	10,928	4,525
16. Domestic Currency	226	3,043	57	
17. Demand Deposits	780	5,644	845	(778)
18. Savings and Time Deposits	95	6,986	94	8,705
19. Deposit Substitutes	0	(1,571)	0	(1,571)
20. Domestic Loans	6,540	7,036	(312)	(674)
21. Investments/Securities	4,625	18,286	(3,171)	1,098
22. Insurance Reserves	36	4,965	36	3,964
23. Trust Funds	1	(3,063)	1	(1,205)
24. Trade Credits				
25. Taxes Payable	2	4,227	2	1,751
26. Inter-Financial Claims	15,407	15,407	14,699	(5,910)
27. Inter-Government Claims				
28. Miscellaneous	33,676	17,867	14,084	8,535
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1984
pesos)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	3,972		198		751		(491)
	452		73		35		20
	3,520		125		716		(511)
3,972		198		751		(491)	
2,876		160		20		(245)	
2,879		160		20		(245)	
(3)							
1,096		38		731		(246)	
38,423		(1,503)		7,838		(5,704)	
	37,327		(1,541)		7,107		(5,458)
503		2					
	6,360		79				
1,286	12,556						
10,915	4,535	13	(10)				
23		9		38		(13)	
	(865)		87	789		56	
	13,042		(4,341)	94			4
	(346)		(269)				(956)
(9,051)	483	(1,754)	129	1,686	77	8,807	(1,363)
7,994	1,190	(577)	28	2,709	575	(13,297)	(695)
				36	3,964		
				1	4		(1,209)
	1,595		47	2	109		
14,673	(8,736)	477	2,826			(451)	
12,080	7,513	327	(117)	2,483	2,378	(806)	(1,239)

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector Transaction Categories	Financial			
	Total		Monetary Authorities	
	U	S	U	S
1. Gross Savings		(4,805)		693
2. Capital Consumption		89		48
3. Net Savings		(4,894)		645
4. Gross Investment	(4,805)		693	
5. Real Investment	4,175		(380)	
6. Consumer Durables				
7. Real Estate/Fixed Assets	4,601		60	
8. Inventory	(426)		(440)	
9. Net Financial Investment	(8,980)		1,073	
10. Total Financial Uses	86,426		65,069	
11. Total Financial Sources		95,406		63,996
12. Gold & Foreign Currency Holdings	27,049		27,047	
13. Foreign Currency Deposits	8,264	658	7,784	212
14. Foreign loans	4,854	27,675		17,780
15. Other Foreign Claims	11,206	2,161	10,216	2,026
16. Domestic Currency	169	3,043		3,043
17. Demand Deposits	(65)	6,422		6,394
18. Savings and Time Deposits	1	(1,719)		
19. Deposit Substitutes				
20. Domestic Loans	6,852	7,710	1,092	
21. Investments/Securities	7,796	17,188	3,091	6,586
22. Insurance Reserves		1,001		
23. Trust Funds		(1,858)		
24. Trade Credits				
25. Taxes Payable		2,476		(31)
26. Inter-Financial Claims	708	21,317		21,246
27. Inter-Government Claims				
28. Miscellaneous	19,592	9,332	15,839	6,740
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1984 (continued)
pesos)

Sector							
Government							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
U	S	U	S	U	S	U	S
	(6,156)		594		64		14,484
	28				13		
	(6,184)		594		51		14,484
(6,156)		594		64		14,484	
4,045		474		36			
4,045		467		29			
		7		7			
(10,201)		120		28		14,484	
9,241		1,487		10,629		78,576	
	19,442		1,367		10,601		64,092
2							27,554
470	446			10		7,097	8,264
4,854	9,802				93	64,793	6,140
990	135					6,686	22,134
25				144			
	28	(65)					
	(1,719)	1					
(1,518)	602	1,786		5,492	7,108		
1,023	5,533	(75)		3,757	5,069		
			1,001				
			31		(1,889)		
	2,507						
708	71						
2,687	2,037	(160)	335	1,226	220		

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings		82,241		56,073
2. Capital Consumption		53,654		42,127
3. Net Savings		28,587		13,946
4. Gross Investment	81,667		55,499	
5. Real Investment	88,790		39,228	
6. Consumer Durables	3,825		3,825	
7. Real Estate/Fixed Assets	92,680		43,268	
8. Inventory	(7,715)		(7,865)	
9. Net Financial Investment	(7,123)		16,271	
10. Total Financial Uses	(31,566)		(60,304)	
11. Total Financial Sources		(24,443)		(76,575)
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		24,562		(9,925)
15. Other Foreign Claims				
16. Domestic Currency	2,817		(9,559)	
17. Demand Deposits	4,864		9,376	
18. Savings and Time Deposits	6,891		8,356	
19. Deposit Substitutes	(1,571)		(2,751)	
20. Domestic Loans	14,044	13,548	13,856	(31,315)
21. Investments/Securities	(38,076)	(51,737)	(51,852)	(15,247)
22. Insurance Reserves	4,929		4,929	
23. Trust Funds	(3,064)		(3,064)	
24. Trade Credits	(29,590)	(29,590)	(26,947)	(30,304)
25. Taxes Payable	4,328	103	4,328	103
26. Inter–Financial Claims				
27. Inter–Government Claims	8,101	8,101		
28. Miscellaneous	(5,239)	10,570	(6,976)	10,113
29. Statistical Discrepancy	574		574	

ACCOUNTS MATRIX, 1984 (continued)
pesos)

Sector			
Private			
Corporations		Households and Non-Corporate Business	
U	S	U	S
	20,034		36,039
	17,338		24,789
	2,696		11,250
20,034		35,465	
6,371		32,857	
		3,825	
68,211		(24,943)	
(61,840)		53,975	
13,663		2,608	
(32,353)		(27,951)	
	(46,016)		(30,559)
	(9,925)		
(21)		(9,538)	
(3,143)		12,519	
4,112		4,244	
491		(3,242)	
13,856	24,148		(55,463)
(17,835)	(15,247)	(34,017)	
(151)		5,080	
(67)		(2,997)	
(26,947)	(42,167)		11,863
4,328	103		
(6,976)	(2,928)		13,041
		574	

Table 3.58 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
			Govern-	
Transaction Categories	TOTAL		National	
	U	S	U	S
1. Gross Savings		26,168		4,659
2. Capital Consumption		11,527		1,116
3. Net Savings		14,641		3,543
4. Gross Investment	26,168		4,659	
5. Real Investment	49,562		(1,034)	
6. Consumer Durables				
7. Real Estate/Fixed Assets	49,412		(1,575)	
8. Inventory	150		541	
9. Net Financial Investment	(23,394)		5,693	
10. Total Financial Uses	28,738		23,705	
11. Total Financial Sources		52,132		18,012
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		34,487		3,906
15. Other Foreign Claims				
16. Domestic Currency	12,376		11,155	
17. Demand Deposits	(4,512)		(4,283)	
18. Savings and Time Deposits	(1,465)		132	
19. Deposit Substitutes	1,180		(816)	
20. Domestic Loans	188	44,863		50,281
21. Investments/Securities	13,776	(36,490)	9,949	(34,218)
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	(2,643)	714	77	(2,340)
25. Taxes Payable				
26. Inter-Financial Claims				
27. Inter-Government Claims	8,101	8,101	7,591	(257)
28. Miscellaneous	1,737	457	(100)	640
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1984 (continued)
pesos)

Sector					
m e n t				1984 Grand Total	
Local		Corporation			
U	S	U	S	U	S
	1,194		20,315		96,350
	442		9,969		54,323
	752		10,346		42,027
1,194		20,315		95,776	
1,370		49,226		95,776	
				3,825	
1,346		49,641		100,095	
24		(415)		(8,144)	
(176)		(28,911)			
925		4,108		172,490	
	1,101		33,019		172,490
				27,554	27,554
				15,361	15,361
	63		30,518	70,933	70,933
				28,820	28,820
691		530		3,043	3,043
(296)		67		5,644	5,644
(128)		(1,469)		6,986	6,986
		1,996		(1,571)	(1,571)
	(12)	188	(5,406)	20,584	20,584
33	55	3,794	(2,327)	(33,451)	(33,451)
				4,965	4,965
				(3,063)	(3,063)
15	74	(2,735)	2,980	(29,590)	(29,590)
				4,330	4,330
				15,407	15,407
514	1,063	(4)	7,295	8,101	8,101
96	(142)	1,741	(41)	28,437	28,437
				574	

Table 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector	Financial			
Transaction Categories	Total		Sub-total	
	U	S	U	S
1. Gross Savings		(6,263)		(3,634)
2. Capital Consumption		458		347
3. Net Savings		(6,721)		(3,981)
4. Gross Investment	(6,263)		(3,634)	
5. Real Investment	13,948		10,077	
6. Consumer Durables				
7. Real Estate/Fixed Assets	13,941		10,258	
8. Inventory	7		(181)	
9. Net Financial Investment	(20,211)		(13,711)	
10. Total Financial Uses	44,909		(18,876)	
11. Total Financial Sources		65,120		(5,165)
12. Gold & Foreign Currency Holdings	19,977		(209)	
13. Foreign Currency Deposits	26,046	(2,346)		(3,797)
14. Foreign loans	(9,848)	31,882	(194)	(3,563)
15. Other Foreign Claims	(34,614)	(9,807)	(4,090)	(7,167)
16. Domestic Currency	(347)	2,339	101	
17. Demand Deposits	(1,063)	(3,559)	(1,030)	192
18. Savings and Time Deposits	(126)	19,303	(131)	15,732
19. Deposit Substitutes		(4,098)	0	(4,098)
20. Domestic Loans	1,618	7,587	(12,216)	3,796
21. Investments/Securities	(2,891)	29,140	(3,894)	2,170
22. Insurance Reserves	(42)	(1,727)	(42)	(3,269)
23. Trust Funds	119	1,412	119	1,299
24. Trade Credits				
25. Taxes Payable	(448)	(635)	(448)	(11)
26. Inter-Financial Claims	10,595	10,595	10,558	4,187
27. Inter-Government Claims				
28. Miscellaneous	35,933	(14,966)	(7,400)	(10,636)
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1985
pesos)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	U	S	U	S	U	S
	(4,419)		(24)		(227)		1,036
	535		75		88		(351)
	(4,954)		(99)		(315)		1,387
(4,419)		(24)		(227)		1,036	
10,121		150		(87)		(107)	
10,302		150		(87)		(107)	
(181)							
(14,540)		(174)		(140)		1,143	
(16,336)		(179)		(8,052)		5,691	
	(1,796)		(5)		(7,912)		4,548
(209)							
	(3,720)		(77)				
(194)	(3,563)						
(4,084)	(7,167)	(6)					
429		71		(431)		32	
	124		68	(970)		(60)	
	12,416		3,233	(131)			83
	(3,326)		(38)				(734)
(13,177)	(1,116)	(2,012)	327	2,904	1,224	69	3,361
(5,890)	1,881	930	29	(3,219)	(438)	4,285	698
				(42)	(3,269)		
				119	4		1,295
	485		(24)	(448)	(472)		
9,501	7,945	959	(3,758)			98	
(2,712)	(5,755)	(121)	235	(5,834)	(4,961)	1,267	(155)

Table 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector Transaction Categories	Financial			
	Total		Monetary Authorities	
	U	S	U	S
1. Gross Savings		(2,629)		517
2. Capital Consumption		111		72
3. Net Savings		(2,740)		445
4. Gross Investment	(2,629)		517	
5. Real Investment	3,871		188	
6. Consumer Durables				
7. Real Estate/Fixed Assets	3,683		(6)	
8. Inventory	188		194	
9. Net Financial Investment	(6,500)		329	
10. Total Financial Uses	63,785		45,741	
11. Total Financial Sources		70,285		45,412
12. Gold & Foreign Currency Holdings	20,186		20,184	
13. Foreign Currency Deposits	26,046	1,451	26,153	1,330
14. Foreign loans	(9,654)	35,445		31,770
15. Other Foreign Claims	(30,524)	(2,640)	(30,074)	(2,511)
16. Domestic Currency	(448)	2,339		2,339
17. Demand Deposits	(33)	(3,751)		(3,675)
18. Savings and Time Deposits	5	3,571		
19. Deposit Substitutes				
20. Domestic Loans	13,834	3,791	7,620	
21. Investments/Securities	1,003	26,970	734	13,741
22. Insurance Reserves		1,542		
23. Trust Funds		113		
24. Trade Credits				
25. Taxes Payable		(624)		
26. Inter-Financial Claims	37	6,408		6,499
27. Inter-Government Claims				
28. Miscellaneous	43,333	(4,330)	21,124	(4,081)
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1985 (continued)
pesos)

Sector							
Government							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
U	S	U	S	U	S	U	S
	(7,402)		4,284		(28)		(6,272)
	40				(1)		
	(7,442)		4,284		(27)		(6,272)
(7,402)		4,284		(28)		(6,272)	
3,268		443		(28)			
3,268		444		(23)			
		(1)		(5)			
(10,670)		3,841				(6,272)	
6,151		5,391		6,502		(4,711)	
	16,821		1,550		6,502		1,561
2							19,977
(120)	121			13		(2,346)	26,046
(9,654)	3,272				403	7,442	(9,848)
(450)	(129)					(9,807)	(34,614)
20				(468)			
	(76)	(234)		201			
	3,571	5					
479	4,314	4,902		833	(523)		
(632)	8,537	727		174	4,692		
			1,542				
			112		1		
	(624)						
37	(91)						
16,469	(2,074)	(9)	(104)	5,749	1,929		

Table 3.59 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Non-Financial			
	TOTAL		Sub-total	
	U	S	U	S
1. Gross Savings		101,715		65,830
2. Capital Consumption		67,257		62,067
3. Net Savings		34,458		3,763
4. Gross Investment	101,222		65,337	
5. Real Investment	74,739		44,676	
6. Consumer Durables	3,285		3,285	
7. Real Estate/Fixed Assets	76,033		48,287	
8. Inventory	(4,579)		(6,896)	
9. Net Financial Investment	26,483		20,661	
10. Total Financial Uses	18,620		(4,303)	
11. Total Financial Sources		(7,863)		(24,964)
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		(24,440)		(21,295)
15. Other Foreign Claims				
16. Domestic Currency	2,686		2,148	
17. Demand Deposits	(2,496)		(2,664)	
18. Savings and Time Deposits	19,429		18,548	
19. Deposit Substitutes	(4,098)		(3,009)	
20. Domestic Loans	(88,183)	(94,152)	(87,716)	(94,463)
21. Investments/Securities	58,784	26,753	37,198	13,610
22. Insurance Reserves	(1,685)		(1,685)	
23. Trust Funds	1,293		1,293	
24. Trade Credits	29,492	29,492	29,271	40,397
25. Taxes Payable	255	442	1,250	442
26. Inter-Financial Claims				
27. Inter-Government Claims	8,933	8,933		
28. Miscellaneous	(5,790)	45,109	1,063	36,345
29. Statistical Discrepancy	493		493	

ACCOUNTS MATRIX, 1985 (continued)
pesos)

Sector			
Private			
Corporations		Households and Non-Corporate Business	
U	S	U	S
	4,540		61,290
	1,321		60,746
	3,219		544
4,540		60,797	
62,181		(17,505)	
		3,285	
29,655		18,632	
32,526		(39,422)	
(57,641)		78,302	
(45,360)		41,057	
	12,281		(37,245)
	(21,295)		
(7)		2,155	
(831)		(1,833)	
(1,768)		20,316	
7,046		(10,055)	
(87,716)	(4,626)		(89,837)
5,855	13,610	31,343	
12		(1,697)	
465		828	
29,271	21,007		19,390
1,250	442		
1,063	3,143		33,202
		493	

Table 3.59 – FLOW OF FUNDS CAPITAL
(In million

Sector / Transaction Categories	Non-Financial			
	TOTAL		Govern-National	
	U	S	U	S
1. Gross Savings		35,885		33,706
2. Capital Consumption		5,190		1,375
3. Net Savings		30,695		32,331
4. Gross Investment	35,885		33,706	
5. Real Investment	30,063		13,095	
6. Consumer Durables				
7. Real Estate/Fixed Assets	27,746		11,815	
8. Inventory	2,317		1,280	
9. Net Financial Investment	5,822		20,611	
10. Total Financial Uses	22,923		27,216	
11. Total Financial Sources		17,101		6,605
12. Gold & Foreign Currency Holdings				
13. Foreign Currency Deposits				
14. Foreign loans		(3,145)		1,735
15. Other Foreign Claims				
16. Domestic Currency	538		245	
17. Demand Deposits	168		(109)	
18. Savings and Time Deposits	881		273	
19. Deposit Substitutes	(1,089)		(49)	
20. Domestic Loans	(467)	311		(686)
21. Investments/Securities	21,586	13,143	17,704	615
22. Insurance Reserves				
23. Trust Funds				
24. Trade Credits	221	(10,905)	221	3,225
25. Taxes Payable	(995)		(995)	
26. Inter-Financial Claims				
27. Inter-Government Claims	8,933	8,933	8,837	394
28. Miscellaneous	(6,853)	8,764	1,089	1,322
29. Statistical Discrepancy				

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1985 (continued)
pesos)

Sector					
m e n t				1985 Grand Total	
Local		Corporation			
U	S	U	S	U	S
	1,380		799		89,180
	551		3,264		67,715
	829		(2,465)		21,465
1,380		799		88,687	
1,269		15,699		88,687	
				3,285	
1,240		14,691		89,974	
29		1,008		(4,572)	
111		(14,900)			
391		(4,684)		58,818	
	280		10,216		58,818
				19,977	19,977
				23,700	23,700
	18		(4,898)	(2,406)	(2,406)
				(44,421)	(44,421)
80		213		2,339	2,339
79		198		(3,559)	(3,559)
(22)		630		19,303	19,303
		(1,040)		(4,098)	(4,098)
	28	(467)	969	(86,565)	(86,565)
(22)	(56)	3,904	12,584	55,893	55,893
				(1,727)	(1,727)
				1,412	1,412
31	85	(31)	(14,215)	29,492	29,492
				(193)	(193)
				10,595	10,595
222	(184)	(126)	8,723	8,933	8,933
23	389	(7,965)	7,053	30,143	30,143
				493	

Table 3.60 – FLOW OF FUNDS CAPITAL

(In million

Sector	Financial			
Transaction Categories	Total		Sub-total	
	U	S	U	S
1. Gross Savings		12,611		18,350
2. Capital Consumption		735		616
3. Net Savings		11,876		17,734
4. Gross Investment	12,611		18,350	
5. Real Investment	(6,028)		(9,356)	
6. Consumer Durables				
7. Real Estate/Fixed Assets	(6,509)		(9,356)	
8. Inventory	481			
9. Net Financial Investment	18,639		27,706	
10. Total Financial Uses	60,437		(4,238)	
11. Total Financial Sources		41,798		(31,944)
12. Gold & Foreign Currency Holdings	(2,704)		(443)	
13. Foreign Currency Deposits	1,336	(24,035)	19	(13,611)
14. Foreign loans	(62)	37,035	(26)	(12,131)
15. Other Foreign Claims	53,925	1,675	2,801	5,453
16. Domestic Currency	3,436	6,591	1,576	
17. Demand Deposits	(212)	13,580	309	6,969
18. Savings and Time Deposits	326	7,138	312	4,208
19. Deposit Substitutes	1,549	(4,026)	1,549	(4,026)
20. Domestic Loans	(18,760)	(13,824)	(23,391)	(14,862)
21. Investments/Securities	12,580	514	7,872	(1,335)
22. Insurance Reserves	2,889	3,302	2,889	1,888
23. Trust Funds	(115)	(643)	(115)	(602)
24. Trade Credits				
25. Taxes Payable	(2)	(1,425)	(2)	(1,622)
26. Inter-Financial Claims	2,252	2,252	2,324	(3,236)
27. Inter-Government Claims				
28. Miscellaneous	3,999	13,664	88	963
29. Statistical Discrepancy				

ACCOUNTS MATRIX, 1986
pesos)

Sector							
Private							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
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 3.60 – 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							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
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)
(6,464)		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 3.60 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	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			
Corporations		Households and Non-Corporate Business	
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 3.60 – FLOW OF FUNDS CAPITAL

(In million

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

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1986 (continued)
pesos)

Sector				1986 Grand Total	
m e n t					
Local		Corporation			
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 3.61 – FLOW OF FUNDS CAPITAL

(In million

Sector	Financial			
Transaction Categories	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 Banks		Other Banks		Insurance Companies		ONBFI	
U	S	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		65		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 3.61 – FLOW OF FUNDS CAPITAL

(In million

Sector / Transaction Categories	Financial			
	Total		Monetary Authorities	
	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							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
U	S	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 3.61 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	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			
Corporations		Households and Non-Corporate Business	
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
		101	

Table 3.61 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
			Govern-	
Transaction Categories	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 Grand Total	
m e n t					
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 3.62 – FLOW OF FUNDS CAPITAL

(In million

Sector	Financial			
Transaction Categories	Total		Sub-total	
	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							
Deposit money Banks		Other Banks		Insurance Companies		ONBFI	
U	S	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)	834
3,351	1,838	79	414	3,211	268	319	669
				(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 3.62 – 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							
Specialized Government Banks		Social Security Agencies		ONBFI		Rest of the World	
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 3.62 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
Transaction Categories	TOTAL		Sub-total	
	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			
Corporations		Households and Non-Corporate Business	
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 3.62 – FLOW OF FUNDS CAPITAL

(In million

Sector	Non-Financial			
			Govern-	
Transaction Categories	TOTAL		National	
	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				
14. Foreign loans		27,876		9,772
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 Grand Total	
m e n t					
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 National Statistics Office.

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

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

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

Table 4.1	Quantity and value of Fish Production, by type of Production: 1950 to 1989	4-4
Table 4.2	Exports of Fishery Product, by Kind, Quantity and Value: 1976 to 1989	4-5
Table 4.3	Imports of Fishery Product, by Kind, Quantity and Value: 1976 to 1989	4-6
Table 4.4	Selected Characteristics of Commercial Fishing Vessels: 1955 to 1988	4-8
Table 4.5	Selected Characteristics of Brackish Water Fishponds in Operation: 1955 to 1989	4-10
Table 4.6	Selected Characteristics of Freshwater Fishponds in Operation: 1981 to 1989	4-11
Table 4.7	Status of Land Classification by Region and Province: 1989	4-12
Table 4.8	Classified and Unclassified Land Area: 1955 to 1989	4-18
Table 4.9	Area Reforested Annually: 1976 to 1989	4-19
Table 4.10	Quantity of Production of Logs, Lumber, Plywood and Veneer: FY 1960 to 1989	4-20
Table 4.11	Roundwood Production: 1976 to 1989	4-21
Table 4.12	Production of Processed Wood Products: 1976 to 1989	4-22
Table 4.13	Non-timber Forest Products: 1976 to 1988	4-24
Table 4.14	Mineral Ore Reserves: 1978 to 1988	4-26

Figure 4.1	Quantity and Value of Fish Production by Type of Production, 1980 to 1989	4-3
Figure 4.2	Classified and Unclassified Land Area, 1980 to 1989	4-7
Figure 4.3	Quantity of Production of Logs, Lumber, Plywood and Veneer, 1980 to 1989	4-23

Figure 4.1 Quantity and Value of Fish Production, 1980 to 1989

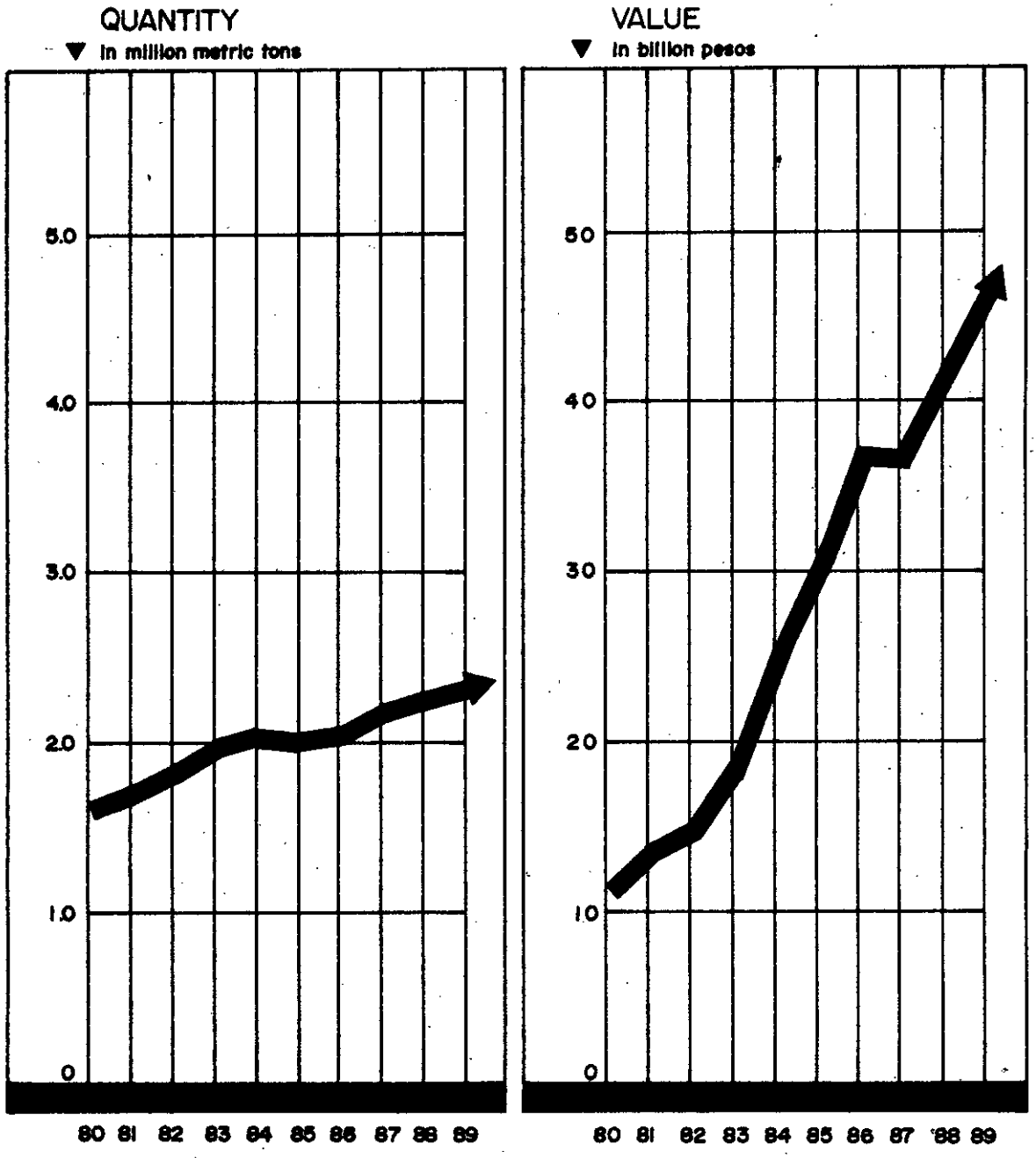


Table 4.1 – QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF PRODUCTION: 1950 TO 1989

(Quantity in '000 metric tons and value in million pesos)

Year	Total		Commercial fishing[1]		Municipal fishing [2]		Aquaculture[3]	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1950	220.2	215.2	47.9	44.1	146.8	138.0	25.5	33.1
1955	362.9	322.4	107.2	75.0	219.0	201.5	36.7	45.9
1960	444.6	464.4	120.0	93.6	264.6	274.6	60.1	96.2
1965	667.2	806.5	300.1	372.1	303.9	328.2	63.2	106.2
1970	988.9	1,725.2	381.9	614.8	510.5	857.7	96.5	252.7
1971	1,023.1	2,331.0	382.3	879.2	542.9	1,123.8	97.9	328.0
1972	1,122.4	2,827.6	424.8	1,106.1	598.7	1,389.1	98.9	332.4
1973	1,204.8	3,295.4	465.4	1,261.6	639.8	1,599.5	99.6	434.3
1974	1,268.4	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	42,118.2	600.0	10,272.0	1,068.5	16,633.1	599.5	15,213.0
1989	2,366.6	46,591.8	624.7	11,168.8	1,104.6	18,260.3	637.3	17,162.7

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 1989
(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
1989 P	145,416	10,248,362	104,652	8,857,523	9,202	493,840	31,561	897,000

P Preliminary

Source: National Statistics Office

TABLE 4.3 – IMPORTS OF FISHERY PRODUCTS BY KIND, QUANTITY AND VALUE: 1976 TO 1989

(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
1989 P	197,935	1,421,166	3,815	69,339	136,878	721,912	56,474	625,619	768	4,296

P Preliminary

Source: National Statistics Office

Figure 4.2 Classified and Unclassified Land Area, 1980 to 1989

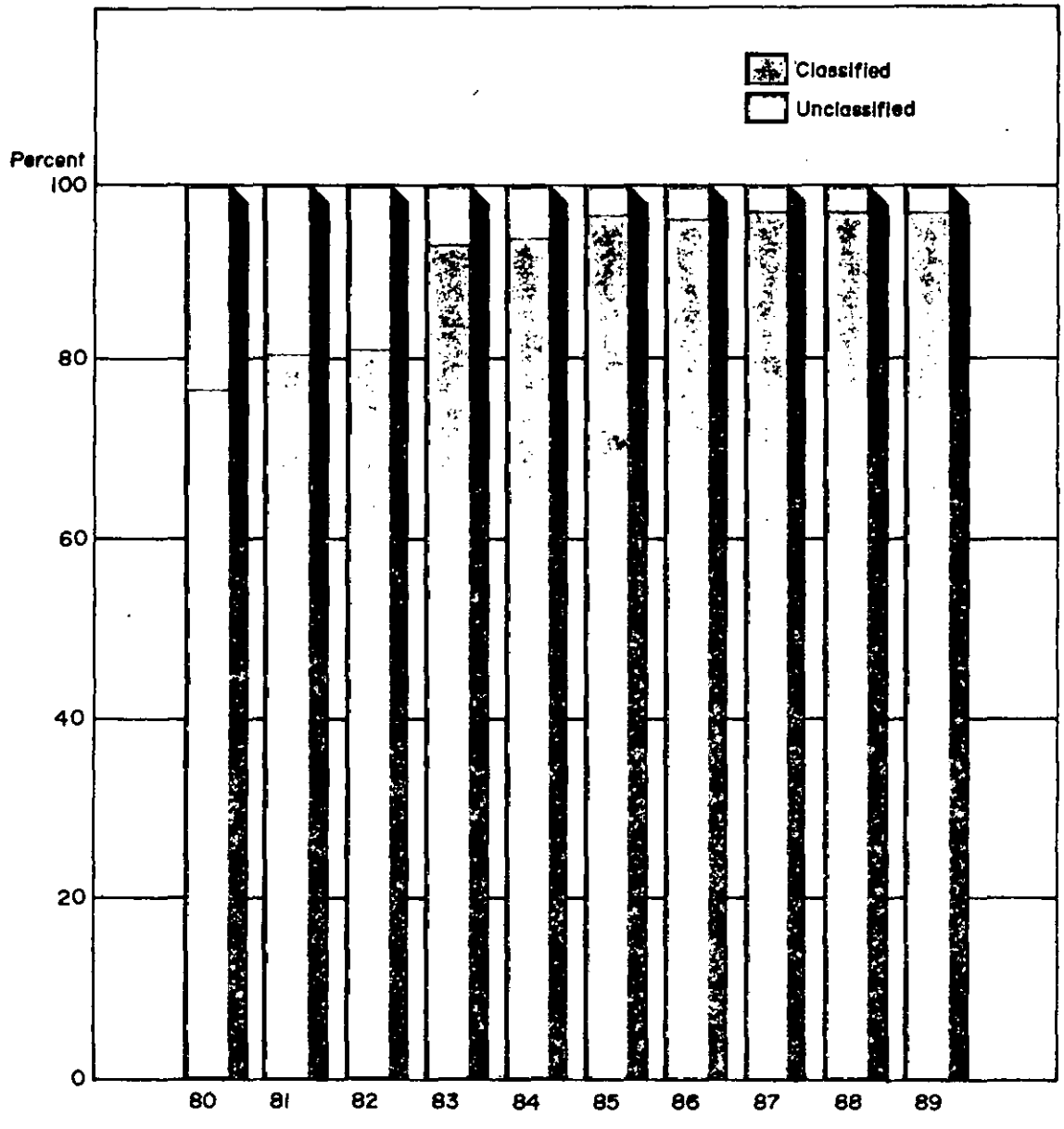


Table 4.4 – SELECTED CHARACTERISTICS OF COMMERCIAL

Year	Total Number of Commercial Fishing Vessels	Number of Commercial Fishing Vessels by Type		
		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
1988	3,265	...	...	...

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 1988

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
...	...	...	...	...	...	56,715

Table 4.5 – SELECTED CHARACTERISTICS OF BRACKISH WATER FISHPONDS IN OPERATION: 1955 to 1989

Year	Area (hectares)	Investments [1] (thousand pesos)	Employment [2] (number)	Production (metric tons)	Average production (kilogram per hectare)	Value of production (thousand pesos)	Ratio of value of production to investment (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	12,754,934	...
1989 P	210,681	...	...	253,580	...	...	...

P Preliminary

[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 develpment 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 1989

Year	Area (hectares)	Investments 1 (thousand pesos)	Employment 2 (number)	Production (metric tons)	Average production (kilogram per hectare)	Value of production (thousand pesos)	Ratio of value of production to investment (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	...	748,423	...
1989 P	13,847	...	...	34,238	...	...	...

P Preliminary

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.

Table 4.7 STATUS OF LAND CLASSIFICATION

	Region/Province	Total Area	A & D	Total Forest Land	Unclass. Public Forest	Total Classified Public Forest
1	*ILOCOS*	2,156,845	1,044,630	1,112,215	54,290	1,057,925
	Abra	397,555	98,420	299,135	8,105	291,030
	Benguet	265,538	87,897	177,641	13,030	164,611
	Ilocos Norte	339,934	144,948	194,986	0	194,986
	Ilocos Sur	257,958	138,412	119,546	26,176	93,370
	La Union	149,309	120,307	29,002	4,132	24,870
	Mt. Province	209,733	48,251	161,482	0	161,482
	Pangasinan	536,818	406,395	130,423	2,847	127,576
2	*CAGAYAN VALLEY*	3,640,300	1,066,220	2,574,080	146,305	2,427,775
	Batanes	20,928	7,432	13,496	0	13,496
	Cagayan	900,267	353,261	547,006	6,250	540,756
	Ifugao	251,778	25,409	226,369	0	226,369
	Isabela	1,066,456	459,666	606,790	0	606,790
	Kalinga Apayao	704,764	80,679	624,085	0	624,085
	Nueva Vizcaya	390,387	88,921	301,466	45,105	256,361
	Quirino	305,720	50,852	254,868	94,950	159,918
3	*CENTRAL LUZON*	1,823,082	1,051,908	771,174	26,874	744,300
	Bataan	137,296	69,325	67,971	0	67,971
	Bulacan	262,500	185,333	77,167	414	76,753
	Nueva Ecija	528,433	330,985	197,448	13,726	183,722
	Pampanga	218,068	164,912	53,156	12,734	40,422
	Tarlac	305,345	184,975	120,370	0	120,370
	Zambales	371,440	116,378	255,062	0	255,062

BY REGION AND BY PROVINCE: 1989

Forest Reserves	Timberland	National parks	Military reser-vation	Civil reser-vation	Fish-pond dev't
628,177	408,809	18,568	842	923	606
258,743	32,230	57	0	0	0
19,735	138,810	5,512	554	0	0
193,272	1,374	340	0	0	0
10,609	81,141	1,620	0	0	0
90	13,833	10,947	0	0	0
122,853	38,629	0	0	0	0
22,875	102,792	92	288	923	606
612,752	1,776,875	27,726	412	8,931	1,089
0	13,496	0	0	0	0
39,378	494,094	6,195	0	0	1,089
28,467	197,902	0	0	0	0
31,260	546,005	20,193	412	8,920	0
374,997	247,760	1,338	0	0	0
95,838	160,512	0	0	11	0
42,812	117,106	0	0	0	0
166,104	422,729	32,780	117,019	804	4,864
9,284	33,020	25,188	479	0	0
8,019	64,890	368	0	0	3,476
84,500	31,679	3,504	63,900	139	0
12,484	16,777	3,709	7,452	0	0
0	83,115	2	36,588	665	0
51,817	193,248	9	8,600	0	1,388

Table 4.7 STATUS OF LAND CLASSIFICATION

	Region/Province	Total Area	A & D	Total Forest Land	Unclass. Public Forest	Total Classified Public Forest
4	*SOUTHERN TAGALOG*	4,756,016	2,209,496	2,546,520	175,048	2,371,472
	Aurora	323,954	132,008	191,946	0	191,946
	Batnagas	316,581	265,419	51,162	9,102	42,060
	Cavite	128,755	100,550	28,205	12,625	15,580
	Laguna	175,973	134,720	41,253	0	41,253
	Metro Manila	63,600	48,232	15,368	14,740	628
	Marinduque	95,925	73,720	22,205	0	22,205
	Mondoro Occidental	587,985	156,004	431,981	49,531	382,450
	Mindoro Oriental	436,472	222,573	213,899	11,312	202,587
	Palawan	1,489,626	447,776	1,041,850	0	1,041,850
	Quezon	870,660	472,361	398,299	49,696	348,603
	Rizal	130,892	63,889	67,003	0	67,003
	Romblon	135,593	92,244	43,349	28,042	15,307
5	*BICOL*	1,763,249	1,222,060	541,189	29,873	511,316
	Albay	255,257	206,205	49,052	0	49,052
	Camarines Norte	211,249	140,030	71,219	12,872	58,347
	Camarines Sur	526,682	365,551	161,131	4,354	156,777
	Catanduanes	151,148	73,325	77,823	549	77,274
	Masbate	404,769	263,384	141,385	1,846	139,539
	Sorsogon	214,144	173,565	40,579	10,252	30,327
6	*WESTERN VISAYAS*	2,022,311	1,408,782	613,929	1,606	611,923
	Aklan	181,789	102,799	78,990	692	78,298
	Antique	252,201	144,728	107,873	0	107,473
	Capiz	263,317	169,515	93,802	86	93,716
	Iloilo	532,397	396,149	136,248	0	136,248
	Negros Occidental	792,607	595,591	197,016	828	196,188
7	*CENTRAL VISAYAS*	1,495,142	959,223	535,919	69,555	466,364
	Bohol	411,726	310,455	101,271	0	101,271
	Cebu	508,839	367,748	141,091	0	141,091
	Negros Oriental	540,227	258,841	281,386	63,091	218,295
	Siquijor	34,350	22,179	12,171	6,464	5,707

BY REGION AND BY PROVINCE: 1989 (continued)

Forest Reserves	Timberland	National parks	Military reser-vation	Civil reser-vation	Fish-pond dev't
455,395	831,455	1,029,501	3,835	45,278	6,008
84,803	102,953	4,190	0	0	0
0	33,153	8,537	51	0	319
0	12,781	0	2,799	0	0
3,637	34,588	2,754	274	0	0
0	237	59	0	0	332
17,901	4,304	0	0	0	0
91,270	78,783	192,811	147	16,190	3,249
85,659	68,457	44,289	0	3,680	502
74,267	174,883	767,320	0	25,380	0
72,606	264,990	9,541	0	28	1,438
22,582	43,857	0	564	0	0
2,670	12,469	0	0	0	168
69,939	412,996	25,276	0	63	3,042
5,026	38,517	5,459	0	0	50
796	54,638	2,840	0	0	73
15,027	127,471	13,145	0	0	1,134
6,725	70,486	0	0	63	0
34,298	104,121	159	0	0	961
8,067	17,763	3,673	0	0	824
135,344	428,939	23,505	0	235	23,900
0	74,428	0	0	0	3,870
24,593	82,880	0	0	0	0
0	88,566	0	0	0	5,150
41,836	85,496	854	0	0	8,062
68,915	97,569	22,651	0	235	6,818
49,407	397,450	15,054	4	114	4,335
19,410	78,454	0	0	0	3,407
21,427	105,599	13,148	4	114	799
8,570	207,718	1,906	0	0	101
0	5,679	0	0	0	28

Table 4.7 STATUS OF LAND CLASSIFICATION

	Region/Province	Total Area	A & D	Total Forest Land	Unclass. Public Forest	Total Classified Public Forest
8	*EASTERN VISAYAS*	2,143,169	1,023,715	1,119,454	38,925	1,080,529
	Eastern Samar	433,965	142,982	290,983	0	290,983
	Northern Leyte	626,826	410,182	216,644	19,350	197,294
	Northern Samar	349,798	148,134	201,664	0	201,664
	Southern Leyte	173,480	125,961	47,519	19,575	27,944
	Western Samar	559,100	196,456	362,644	0	362,644
9	*WESTERN MINDANAO*	1,868,514	865,322	1,003,189	118,019	885,176
	Basilan	132,723	85,574	47,149	5,953	41,196
	Sulu	160,040	47,687	112,353	66,284	46,069
	Tawi-tawi	108,740	55,383	53,357	24,864	28,493
	Zamboanga N.	661,811	262,384	399,427	4,825	394,602
	Zamboanga S.	805,200	414,294	390,903	16,093	374,816
10	*NORTHERN MINDANAO*	2,832,774	1,067,348	1,765,426	50,732	1,714,666
	Agusan del Norte	259,029	66,630	192,399	0	192,399
	Agusan del Sur	896,550	221,628	674,922	1,125	673,769
	Bukidnon	829,378	336,412	492,966	42,943	450,023
	Camiguin	22,980	20,771	2,209	0	2,209
	Misamis Occidental	193,932	125,375	68,557	0	68,557
	Misamis Oriental	357,003	174,959	182,044	0	182,044
	Surigao del Norte	273,902	121,573	152,329	6,664	145,665
11	*SOUTHERN MINDANAO*	3,169,275	1,212,440	1,956,835	116,774	1,840,061
	Davao del Norte	812,975	297,674	515,301	2,188	513,113
	Davao del Sur	637,762	239,015	398,747	0	398,747
	Davao Oriental	516,446	200,944	315,502	12,188	303,314
	South Cotabato	746,876	342,191	404,685	101,273	303,412
	Surigao del Sur	455,216	132,616	322,600	1,125	321,475
12	*CENTRAL MINDANAO*	2,329,323	986,585	1,342,738	53,156	1,289,582
	Lanao del Norte	309,204	158,473	150,731	0	150,731
	Lanao del Sur	387,289	133,135	254,154	0	254,154
	Maguindanao	504,760	306,622	198,138	3,525	194,613
	North Cotabato	656,590	149,972	506,618	3,825	502,793
	Sultan Kudarat	471,480	238,383	233,097	45,806	187,291
	GRAND TOTAL	30,000,000	14,117,729	15,882,271	881,157	15,001,114

Source: National Mapping and Resource Information Authority, DENR.

BY REGION AND BY PROVINCE: 1989 (continued)

Forest Reserves	Timberland	National parks	Military reser-vation	Civil reser-vation	Fish-pond dev't
51,508	1,018,259	4,108	176	862	5,616
1,890	288,467	0	0	0	626
19,782	173,268	3,268	48	862	66
11,864	188,160	0	128	0	1,512
17,804	10,140	0	0	0	0
168	358,224	840	0	0	3,412
424,924	443,294	2,820	46	2,611	11,478
18,397	18,153	2,597	0	0	2,049
0	44,898	213	0	0	958
0	28,108	0	0	0	385
230,348	164,066	10	46	12	120
176,179	188,069	0	0	2,599	7,966
314,816	1,328,538	55,734	0	6,209	11,387
47,595	143,792	0	0	1,012	0
164,794	506,809	0	0	5,194	0
50,636	390,635	0	0	0	8,752
0	2,209	0	0	0	0
280	12,127	53,262	0	0	1,878
7,836	174,148	57	0	3	0
43,675	98,818	2,415	0	0	757
217,841	1,546,706	53,643	0	19,127	2,744
31,221	473,012	0	0	8,880	0
55,733	290,490	52,262	0	0	262
24,641	276,718	1,381	0	0	574
33,188	259,549	0	0	10,247	428
73,058	246,937	0	0	0	1,480
146,705	1,001,352	52,282	7,996	80,789	458
26,388	116,347	0	7,996	0	0
11,844	240,628	1,682	0	0	0
12,515	152,050	30,048	0	0	0
55,852	345,600	20,552	0	80,789	0
40,106	146,727	0	0	0	458
3,272,912	10,015,402	1,340,997	130,330	165,946	75,527

Table 4.8 – CLASSIFIED AND UNCLASSIFIED LAND AREA: 1955 TO 1989
(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
1989	14,117,729	47.06	15,882,271	52.94	881,157	2.94

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

Source: National Mapping and Resource Information Authority, DENR.

Table 4.9 – AREA REFORESTED ANNUALLY: 1976 to 1989
(In hectares)

Year	Total	Newly planted area					
		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	64,183	31,226	31,087	336	32,967	23,126	9,831
1989	131,404	89,453	82,966	6,487	41,951	25,073	16,878

Source: 1976 – 1987 – Planning Office, Department of Environment and Natural Resources.
1988 onwards – Forest Management Bureau.

Table 4.10 – QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER: FY 1960 to 1989

(In thousand cubic meter)

Year	Logs	Lumber	Plywood	Veneer
FY 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
CY 1976	8,646	1,609	416	403
1977	7,873	1,567	489	496
1978	7,169	1,780	490	546
1979	6,596	1,626	503	634
1980	6,368	1,529	553	660
1981	5,420	1,219	457	364
1982	4,589	1,200	422	159
1983	4,468	1,222	459	146
1984	3,872	1,234	574	98
1985	3,568	1,062	350	77
1986	3,434	977	424	73
1987	4,147	1,233	517	75
1988	3,809	1,033	415	85
1989	2,605	784	288	40

Source: Forest Management Bureau.

Table 4.11 – ROUNDWOOD PRODUCTION: 1976 to 1989
(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[r]	3,890	3,185	615	9	0	81	3
1989[p]	3,048	2,752	232	17	...	47	...

1 Including mangrove

2 Including poles and piles

3 Including pulpwood and poles & piles.

a Less than one hundred cubic meters.

r Revised.

p Preliminary.

Source: Forest Management Bureau.

Table 4.12 – PRODUCTION OF PROCESSED WOOD PRODUCTS 1976 to 1989

Year	Lumber	Veneer	Plywood	Paper & Paper-board	Fiber board	Particl 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	12[1]
1985	1,062	77	350	155	0	2	7[1]
1986	977	73	424	183	0	4	21
1987	1,233	75	517	65	0	0	15
1988 r	1,033	85	415	244	36	0	20
1989	950	42	341	183	...	...	9

r Revised.

1 (In thousand cubic meters).

Source: Forest Mangement Bureau and PULPAPEL.

Figure 4.3 Quantity of Production of Logs, 1980 to1989

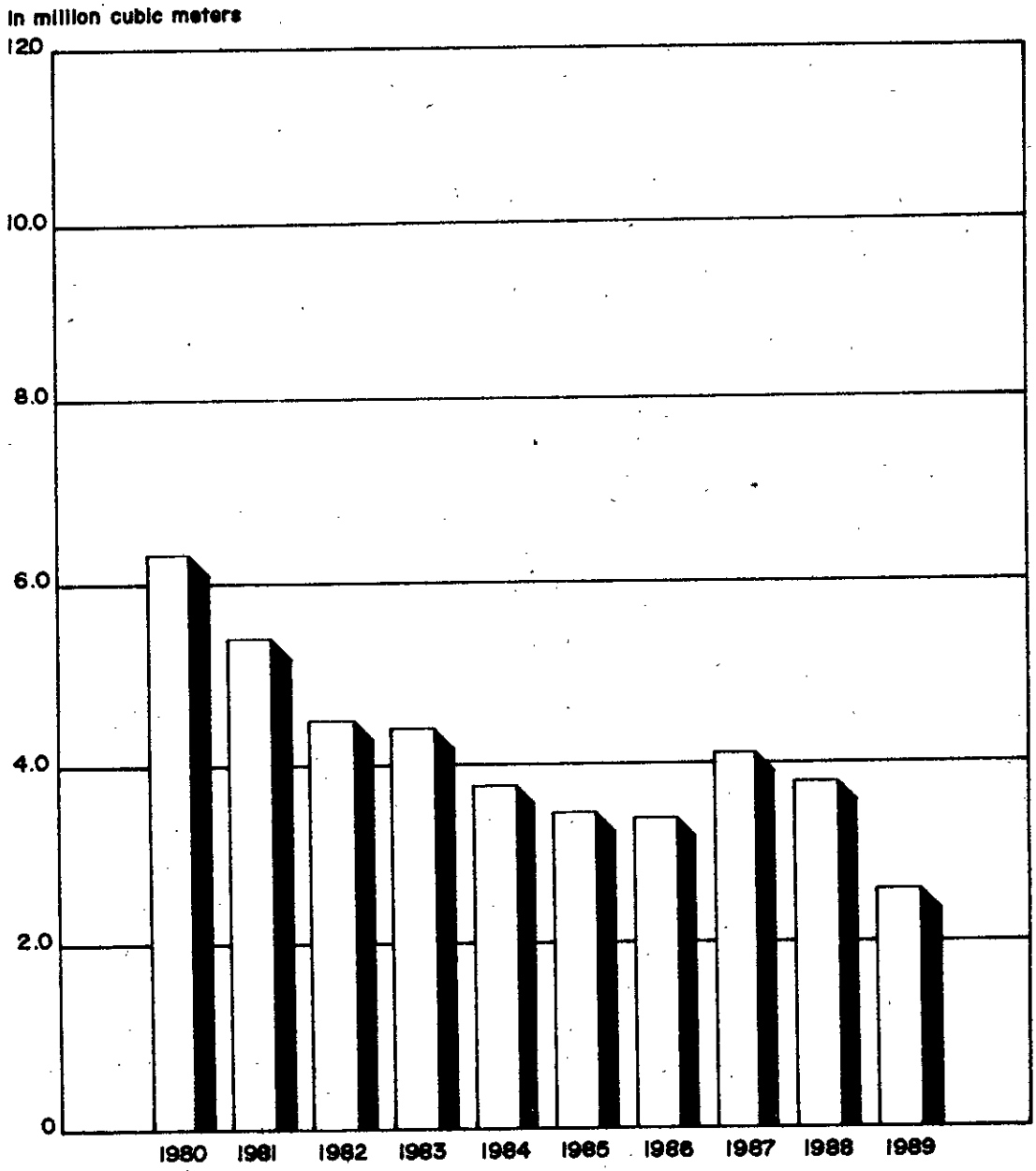


Table 4.13 – NON-TIMBER FOREST
(In

Year	Almaciga Resin	Buri	Hingiw	Honey and Beeswax	Nipa Shingles	Nito
			(k i l o s)			
1976	590	69	9	0	630	0
1977	648	0	0	2	736	a
1978	617	36	0	27	1,492	52
1979	317	0	0	53	809	0
1980	506	32	a	2	2,624	4
1981	476	308	2	1	2;978	25
1982	1,407	97	3	94	4,126	17
1983	462	57	10	1	3,166	8
1984	191	155	9	0	1,757	12
1985	380	48	10	1	2,675	23
1986	386	33	3	1	3,989	0
1987	485	5	8	a	3,579	0
1988	700	41	0	0	2,504	0

a Less than one thousand.

Source: Forest Management Bureau.

PRODUCTS HARVESTED: 1976 to 1988
thousand)

Split Ratta	Salag Bark (kilos)	Tanbark	Anahaw Leaves	Bamboo and Boho (pieces)	Orchid/ Fern	Unsplit Rattan (meters)
197	47	785	0	76	0	7,308
66	0	131	0	787	10	3,751
186	36	21	0	426	0	6,884
1,055	191	41	0	1,769	0	10,628
348	543	10	0	327	0	12,758
1,177	673	859	40	885	a	33,511
195	258	83	22	647	1	15,594
73	83	52	96	410	1	24,244
2,770	144	98	6	309	a	25,370
72	47	53	31	644	1	19,437
249	156	1,020	0	428	a	28,588
98	2	33	2	402	1	33,902
54	8	0	0	133	19	34,215

TABLE 4.14 – MINERAL ORE

(In thousand

Kind of Ore	Estimated reserves			
	1978	1979	1980	1981
Total	32,734,345	33,819,009	33,610,356	34,650,919
Metallic	10,183,296	11,345,190	9,601,685	10,248,615
Cadmium	47	47	47	47
Chromite	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)	...	...	...	...
Copper	3,657,290	3,939,934	4,313,253	4,333,813
Gold	1,003,876	1,664,587	2,014,467	1,933,140
Iron	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
Lead	6,489	9,328	9,360	9,237
Manganese	1,504	7,546	7,535	7,535
Mercury	15,897	15,897	15,897	15,897
Molybdenum	70,999	70,999	184,130	765,515
Nickel	1,366,122	1,479,462	1,708,854	1,751,007
Platinum	942	942	942	942
Uranium	90	90	90	90
Zinc	10,526	13,374	14,352	15,285

RESERVES; 1978 TO 1988
tonnes)

as of December 31						
1982	1983	1984	1985	1986	1987	1988
34,781,294	33,876,975	30,669,245	31,104,817	31,211,443	31,272,626	27,970,155
10,314,690	9,910,498	6,219,016	6,366,518	6,253,960	6,113,822	6,360,941
47	47	...	...	...	...	...
91,576	93,106	32,941	32,072	30,115	29,824	27,511
83,470	84,632	16,922	16,465	16,446	15,140	15,076
8,106	8,474	12,701	12,365	10,443	11,884	9,635
...	...	3,318	3,242	3,226	2,800	2,800
4,310,620	4,212,316	3,997,674	4,092,439	4,017,190	3,881,255	4,105,743
2,108,260	1,840,610	100,637	101,048	101,920	101,557	106,516
1,331,093	1,303,447	474,362	474,362	474,362	474,362	474,362
292,011	292,010	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	80,732
120,224	120,224	101,620	101,620	101,620	101,620	101,620
9,318	9,472	6,313	6,313	6,313	6,313	6,313
7,537	7,536	1,397	1,396	1,179	1,396	1,955
15,897	15,897	16,243	16,243	16,243	16,243	16,234
670,980	658,390	30,608	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	1,585,536
942	942	...	...	...	...	...
90	90	...	...	...	...	...
16,210	15,513	6,163	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
Asbestos	2,093	2,903	24,498	24,498
Barite	105	192	149	174
Cement raw materials	5,571,133	5,308,066	6,849,886	6,350,588
Clay	876,819	782,109	1,061,502	1,088,073
Coal	...	...	...	...
Construction materials	593,109	659,551	637,802	655,607
Diatomaceus earth	3,903	2,903	2,903	3,903
Dolomitic limestone	240,765	290,756	290,745	264,578
Feldspar	27,124	25,192	25,114	30,038
Gypsum	1,882	1,882	1,882	1,884
Limestone	9,133,316	8,979,480	8,793,041	9,633,627
Magnesite	1,491	580	26,536	26,535
Marble	3,739,454	3,773,313	3,942,751	3,955,039
Peat	2,016	2,016	2,016	2,016
Perlite	18,531	18,528	18,526	18,518
Pumice and pumicite	21,878	21,878	21,878	21,878
Pyrite	987,502	987,419	987,324	987,257
Quartz	511,606	511,925	512,476	511,267
Rock asphalt	...	...	...	...
Saprolite	...	...	...	...
Silica rock	15,544	13,876	13,876	13,876
Silica rock form	...	...	...	...
Silica sand	772,869	1,061,328	765,810	782,992
Sulphur	29,454	29,454	29,453	29,453
Talc	455	468	503	503
Silica pebbles/cobbles	...	...	...	...
Bauxite	...	...	...	...
Bentonite	...	...	...	...
Guano	...	...	...	...
Limestone for Agricultural line	...	...	...	...
Rock phosphate	...	...	...	...

Source: Mines and Geo-Sciences Bureau.

RESERVES; 1978 TO 1988 (continued)
tonnes)

as of December 31						
1982	1983	1984	1985	1986	1987	1988
24,466,604	23,966,477	24,450,229	24,738,299	24,957,483	25,158,804	21,609,214
24,498	24,498	24,498	24,498	24,498	24,498	24,498
180	153	163	163	163	163	163
6,249,970	6,178,482	6,399,211	6,204,710	6,508,301	6,507,569	7,350,051
1,076,390	1,068,749	1,088,504	1,117,880	1,121,967	1,121,963	1,126,965
...	...	...	...	...	...	...
656,710	649,932	687,882	691,003	689,487	689,011	689,280
3,903	3,903	3,903	3,903	3,903	3,903	3,903
271,672	267,832	256,577	488,388	489,107	488,758	259,816
32,298	31,148	29,393	29,392	29,388	29,380	29,380
1,884	1,884	1,883	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	5,295,023
26,536	26,536	26,534	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	4,047,024
2,016	2,016	...	...	...	...	...
18,526	18,748	18,513	18,509	18,509	18,509	18,509
21,878	21,878	21,878	21,878	21,878	21,878	21,878
987,470	987,757	987,120	987,016	988,584	988,482	991,531
510,390	511,734	...	...	...	...	...
...	...	...	...	...	...	...
...	...	...	...	...	...	...
13,876	13,876	...	...	...	...	...
...	...	1,005,428	1,207,922	1,007,912	1,207,840	1,207,840
797,410	435,448	92,403	107,921	114,605	113,717	113,717
29,453	29,453	29,453	29,454	44,011	44,011	44,011
503	503	503	503	503	503	503
...	...	6,822	6,818	6,806	6,804	6,804
...	...	82,650	82,650	82,650	82,650	82,650
...	...	667	1,182	1,382	1,381	1,381
...	...	815	815	1,014	1,014	1,014
...	...	310,547	310,545	312,458	312,949	262,449
...	...	2,346	2,346	2,407	2,407	2,407

5 AGRICULTURE

This chapter presents basic statistics on the agricultural sector. Included are time series data on the quantity and value of production and hectarage for each major crop; farm characterisitics; 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 exluded from the survey due to administrative and operatioal difficulties. Estimates for these provinces are obtained through special arrangements with other agencies of the Department.

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

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

Another input to agriculture is fertilizer 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.

Table 5.1	Agricultural Production by Kind of Crop: 1980 to 1989	5-6
Table 5.2	Quantity and Value of Ten Principal Agricultural Exports: 1980 to 1989	5-10
Table 5.3	Value of Ten Principal Agricultural Imports: 1980 to 1989	5-12
Table 5.4	Area of Farms by Land Use, Philippines: 1971 and 1980	5-13
Table 5.5	Area of Farms by Land Use, by Region, by Province: 1980	5-14
Table 5.6	Size and Farms by Major Category, Philippines: 1971 and 1980	5-17
Table 5.7	Number and Area of Farms by Tenure of Farm and Size of Farm: 1980	5-18
Table 5.8	Projected Comprehensive Agrarian Reform Program by Region, Area and Beneficiaries: 1989	5-21
Table 5.9	Major Programs for Land Distribution: 1989	5-22
Table 5.10	Agricultural Loans Granted By Financial Insitution: 1960 to 1989	5-24
Table 5.11	Agricultural Loans Outstanding by Financial Institutions: 1960 to 1989	5-25
Table 5.12	Philippine Rice Export/Import by Country of Destination/Origin: 1980 to 1989	5-26
Table 5.13	Total Inventory of Livestock and Poultry on Farm by Kind: 1950 to 1990	5-28
Table 5.14	Number of Animals Slaughtered by Kind: 1955 to 1989	5-29
Table 5.15	Rainfall in the Philippines by Month and by Selected Key Station: 1965 to 1990	5-30
Table 5.16	Average Mininum and Maximum Temperature by Month and by Principal Island: 1989	5-34
Table 5.17	Average Rainfall and Number of Rainy Days, by Month and by Principal Island: 1989	5-34
Table 5.18	Monthly and Annual Frequencies of Tropical Cyclones in the Philippine Area of Responsibility: 1950 to 1989	5-35

Table 5.19	Comparative Report on the Number of Cooperatives/Samahang Nayon Audited by Region: 1986 to 1989	5-36
Table 5.20	Number of Registered/Re-registered Cooperatives by Region and by Type: 1989	5-37
Table 5.21	Production, Importation and Consumption of Local Fertilizers: 1976 to 1989	5-38
Figure 5.1	Quantity and Value of Crop Production, Philippines, 1980 to 1988	5-5
Figure 5.2	Production, Importation and Consumption of fertilizers, 1980 to 1989	5-20

Figure 5.1 Quantity and Value of Crop Production, 1980 to 1989

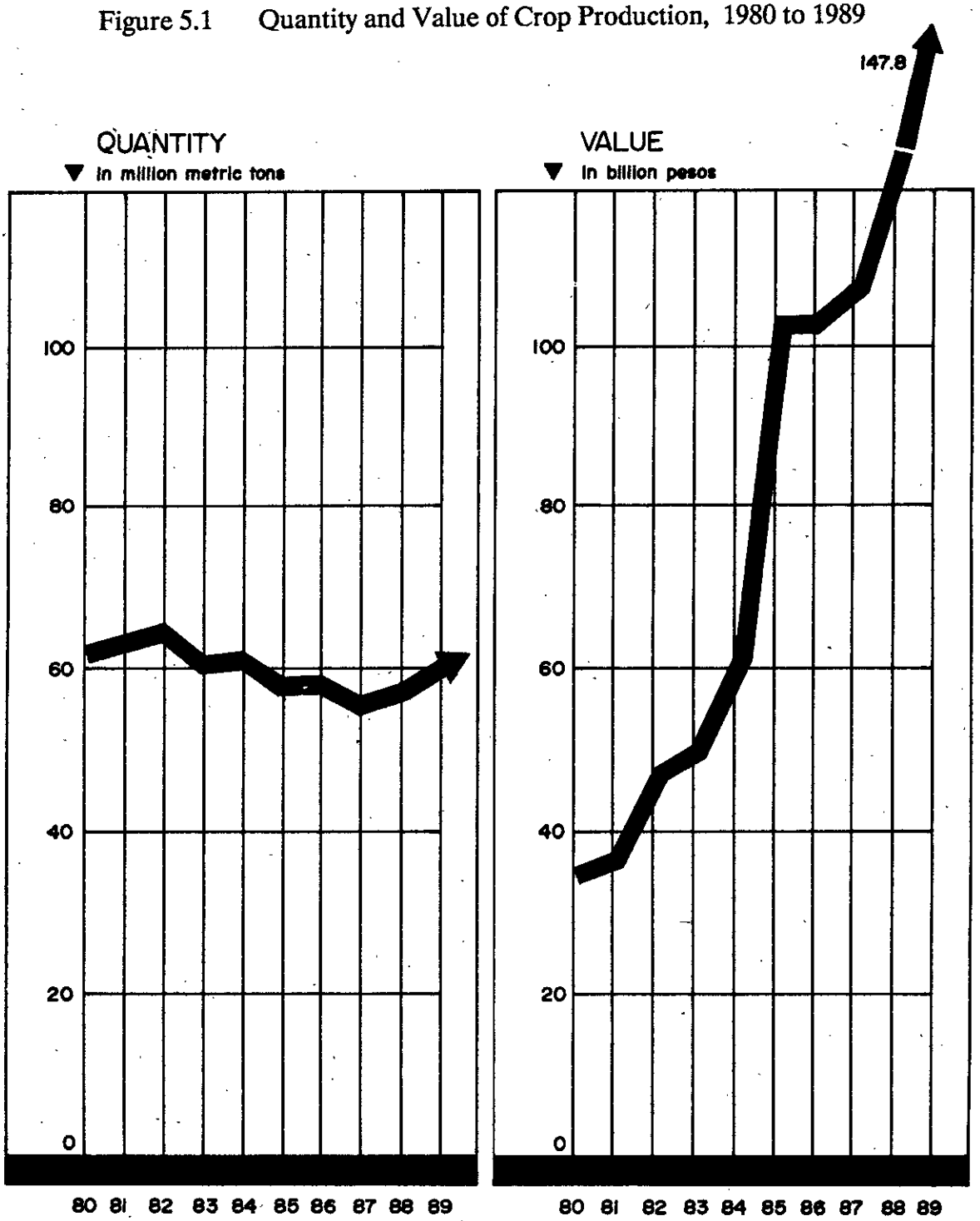


Table 5.1 – AGRICULTURAL PRODUCTION
(Harvest Area – '000 hectares)

ITEM	1980 Area	1980 Quantity	1980 Value	1981 Area	1981 Quantity	1981 Value
AGRICULTURAL CROPS	12,921.9	62,348.8	35,766.3	12,973.8	64,036.7	37,643.2
A. CEREALS	6,669.5	10,696.7	12,010.3	6,713.8	11,206.6	14,426.2
Palay	3,470.5	7,646.5	8,785.9	3,419.0	7,910.7	10,440.4
Corn	3,199.0	3,050.2	3,224.4	3,294.8	3,295.9	3,985.8
B. MAJOR CROPS	4,974.5	43,729.9	14,427.0	4,967.9	44,904.1	16,867.0
Coconut	3,236.1	13,369.3	4,813.0	3,223.6	14,190.1	7,237.0
Sugarcane	401.7	22,326.2	0.0	399.9	22,651.2	0.0
Banana	277.0	3,282.6	1,871.0	280.6	3,201.2	1,719.0
Pineapple	62.6	797.3	932.0	60.6	972.5	612.0
Coffee	115.5	110.4	1,604.0	121.2	121.2	1,793.0
Mango	48.3	319.0	1,110.0	48.8	317.4	1,556.0
Tobacco	61.4	73.5	497.0	68.2	77.3	477.0
Abaca	157.4	108.3	203.0	154.3	99.2	243.0
Rubber	65.1	96.4	250.0	66.3	100.3	252.0
Cacao	9.6	3.8	0.0	10.5	4.2	89.0
Cassava	197.6	1,741.3	644.0	200.0	1,680.4	9.0
Camote	179.8	934.2	813.0	178.9	924.6	768.0
Peanut	53.5	52.0	243.0	46.9	43.0	186.0
Mongo	33.5	24.7	199.0	34.0	25.3	252.0
Onion	5.3	37.5	102.0	4.9	34.5	97.0
Garlic	4.9	13.1	415.0	5.5	14.7	386.0
Tomato	16.1	131.8	312.0	15.4	131.0	345.0
Eggplant	15.4	113.9	321.0	15.5	120.6	257.0
Cabbage	7.3	71.4	98.0	6.9	67.6	139.0
Citrus	26.4	123.2	0.0	25.9	127.8	450.0
C. OTHER CROPS	1,277.9	7,922.2	9,329.0	1,292.1	7,926.0	6,350.0
Other fibercrops	127.6	398.7	810.0	126.8	358.3	419.0
Other rootcrops	145.6	235.2	665.0	143.7	226.0	391.0
Tubers	100.9	143.8	0.0	99.0	140.9	0.0
Spices	40.5	26.8	163.0	40.5	27.1	61.0
Fruit bearing Vegetables	360.4	2,583.7	5,332.0	367.7	2,687.7	3,383.0
Leafy/Stem Vegetables	146.4	1,032.4	1,131.0	149.2	1,034.8	822.0
Other Legumes	18.4	32.1	0.0	22.5	33.2	0.0
Other fruits	240.6	2,995.0	0.0	243.0	2,983.5	0.0
Others	97.5	474.5	1,228.0	99.7	434.5	1,274.0

BY KIND OF CROP : 1980 to 1989
Quantity – '000 Metric tons; Value – Million pesos)

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

Table 5.1 – AGRICULTURAL PRODUCTION
(Harvest Area – '000 hectares

ITEM	1985			1986		
	Area	Quantity	Value	Area	Quantity	Value
AGRICULTURAL CROPS	13,032.1	58,831.6	103,489.1	13,300.4	59,010.1	103,798.5
A. CEREALS	6,817.4	12,668.4	39,513.4	7,059.2	13,337.5	36,648.6
Palay	3,306.5	8,805.6	28,718.7	3,464.2	9,246.8	26,389.7
Corn	3,510.9	3,862.8	10,794.7	3,595.0	4,090.7	10,258.9
B. MAJOR CROPS	4,973.5	38,300.3	46,723.8	4,947.6	37,528.4	43,916.1
Coconut	3,270.3	12,827.8	17,958.9	3,284.0	14,334.9	12,328.0
Sugarcane	368.5	17,542.1	5,788.9	300.1	14,831.1	5,042.6
Banana	289.8	3,127.1	5,191.0	292.7	3,192.6	5,140.1
Pineapple	58.0	1,030.0	1,792.2	60.9	1,273.2	2,253.6
Coffee	137.2	137.3	3,394.1	141.3	145.3	4,967.8
Mango	53.7	355.7	2,888.3	54.4	372.9	4,128.0
Tobacco	60.2	74.3	1,108.6	64.2	74.2	1,003.9
Abaca	120.4	81.3	507.3	116.8	83.6	403.0
Rubber	80.7	145.9	665.3	82.6	146.0	773.8
Cacao	15.5	7.0	188.4	16.8	8.0	218.8
Cassava	204.6	1,686.7	1,990.3	211.4	1,724.1	2,120.6
Camote	150.2	701.7	1,277.1	155.2	726.2	1,328.9
Peanut	50.4	41.3	354.4	50.9	42.2	405.5
Mongo	35.5	25.3	303.1	36.0	25.9	321.4
Onion	7.1	53.1	577.2	6.6	54.2	471.0
Garlic	6.3	15.0	698.9	6.8	15.5	596.3
Tomato	16.7	150.4	616.6	18.1	165.7	725.8
Eggplant	14.4	102.7	438.5	14.5	104.5	491.2
Cabbage	6.2	66.1	342.4	6.4	69.0	428.5
Citrus	27.8	129.5	642.3	27.9	139.3	767.3
C. OTHER CROPS	1,241.2	7,862.9	17,251.9	1,293.6	8,144.2	23,233.8
Other fibercrops	92.2	204.8	987.3	89.2	195.1	682.8
Other rootcrops	106.8	121.1	309.8	109.7	126.4	379.2
Tubers	101.0	146.8	179.0	111.0	162.0	225.6
Spices	42.6	25.6	88.4	42.6	26.1	91.4
Fruit bearing Vegetables	333.1	2,633.3	5,303.8	368.1	2,740.8	9,172.4
Leafy/Stem Vegetables	151.7	1,122.4	2,356.7	159.4	1,141.7	2,730.2
Other Legumes	25.6	30.1	132.3	26.0	31.8	159.0
Other fruits	299.2	3,104.7	6,258.3	304.5	3,239.6	7,943.7
Others	89.0	474.1	1,636.3	83.1	480.7	1,849.5

Source: Bureau of Agricultural Statistics.

BY KIND OF CROP : 1980 to 1989 (continued)
Quantity – '000 Metric tons; Value – Million pesos)

1987			1988			1989		
Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
12,986.9	56,685.3	107,472.8	13,120.0	58,146.9	124,443.1	13,143.6	60,373.1	147,853.6
6,938.5	12,818.0	38,298.9	7,137.8	13,399.0	43,186.0	7,186.5	13,981.0	57,047.5
3,255.9	8,539.9	26,122.3	3,392.7	8,971.0	30,612.6	3,497.3	9,458.8	39,668.8
3,682.6	4,278.1	12,176.6	3,745.1	4,428.0	12,573.4	3,689.2	4,522.2	17,378.7
4,897.1	35,964.3	47,561.4	4,784.9	36,473.9	57,037.0	4,721.5	37,814.1	64,051.2
3,251.6	13,730.5	14,966.2	3,221.8	12,481.8	19,222.0	3,110.4	11,810.4	22,439.8
269.3	13,797.0	6,208.7	215.7	15,721.5	8,332.4	261.7	17,590.8	10,202.7
298.9	3,157.4	4,830.8	287.0	3,067.3	4,754.3	293.1	3,190.3	5,008.8
63.1	1,303.4	2,893.5	60.5	1,181.2	3,768.0	61.0	1,178.8	5,328.2
143.2	140.1	3,857.0	142.5	141.9	3,881.0	143.2	155.9	3,325.3
55.5	367.1	3,942.7	55.7	361.1	4,954.3	56.8	370.1	3,797.2
68.7	82.8	1,793.4	61.4	76.4	1,333.2	63.3	79.9	2,044.6
114.8	82.0	525.6	108.3	84.1	736.7	107.7	88.4	901.7
83.9	147.2	1,017.2	84.6	156.4	828.9	84.6	171.9	825.1
17.5	8.8	266.0	17.7	9.1	218.5	18.2	9.4	181.0
209.7	1,784.3	1,855.7	217.1	1,865.9	2,276.4	213.1	1,846.9	2,696.5
149.6	716.9	1,190.1	144.1	695.0	1,237.1	138.3	660.3	1,439.5
55.3	43.0	352.6	51.0	39.9	345.9	50.4	37.6	376.4
34.7	25.3	270.5	36.7	26.6	316.8	35.7	25.1	376.8
7.0	60.9	549.9	5.8	45.9	420.9	6.5	65.3	592.3
6.3	15.4	330.8	5.6	14.1	905.8	6.1	17.2	1,159.5
18.0	166.9	642.6	18.4	167.9	851.3	19.7	178.7	750.5
14.8	107.7	535.3	15.3	109.8	563.3	15.4	111.6	698.6
6.5	71.3	307.3	6.4	70.3	357.1	6.9	75.9	496.4
28.7	156.3	1,225.5	29.3	157.7	1,733.1	29.4	149.6	1,410.3
1,151.3	7,903.0	21,612.5	1,197.3	8,274.0	24,220.1	1,235.6	8,578.0	26,754.9
35.0	68.0	651.0	40.0	76.0	727.1	37.0	64.6	618.1
112.9	126.8	443.7	113.5	127.5	463.6	108.0	121.3	440.8
109.4	159.6	223.4	122.0	198.0	309.5	125.7	214.0	332.6
39.6	24.9	99.6	35.3	25.5	210.7	35.9	26.3	1,232.5
306.9	2,691.4	6,420.3	304.1	2,680.6	7,494.2	313.2	2,887.6	8,085.3
147.4	910.5	2,277.6	157.1	1,058.0	2,484.5	166.7	1,097.2	2,633.3
27.4	31.3	187.4	28.5	32.0	189.3	30.2	34.0	204.0
299.6	3,451.0	9,402.4	316.8	3,595.2	10,271.9	331.7	3,639.3	11,032.0
73.1	439.5	1,907.1	80.0	481.2	2,069.3	87.2	493.7	2,176.3

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

Principal Products	1980		1981		1982	
	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	1,735.3	624.0	1,222.0	566.6	1,247.5	416.0
Coconut oil	915.6	566.8	1,039.9	533.5	921.2	401.0
Banana	9,923.0	114.2	868.6	124.0	926.7	146.1
Pineapple in syrup	187.0	82.1	173.5	88.4	170.9	87.6
Copra Oil or meal	545.2	81.4	620.4	80.8	588.6	72.1
Desiccated coconut	87.2	116.0	86.3	101.8	90.3	68.3
Tuna, Frozen except fillet	48.7	68.3	53.6	100.3	34.3	64.3
Coffee, raw or green, not rosted	15.8	44.6	20.5	39.4	24.6	49.4
Copra	121.5	47.3	108.3	33.6	177.7	49.2
Abaca (in '000 bales)	301.4	27.0	268.4	20.7	270.0	20.1

Principal Products	1987		1988		1989	
	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	162.9	60.3	142.6	60.2	210.3	88.8
Coconut oil	1,031.2	380.5	792.9	408.2	763.5	376.8
Banana	775.0	121.2	866.8	146.0	851.1	146.2
Pineapple in syrup	183.7	86.3	182.8	83.2	191.5	91.3
Copra Oil or meal	743.3	73.4	531.1	63.4	477.1	53.5
Desiccated coconut	95.2	75.3	88.1	78.3	94.5	75.8
Tuna, Frozen except fillet	37.3	69.9	47.4	113.2	52.1	1130.0
Coffee, raw or green, not rosted	16.5	33.1	26.5	49.9	25.0	42.0
Copra	128.7	31.9	80.3	28.0	79.5	25.2
Abaca (in '000 bales)	184.3	11.8	191.5	16.3	179.6	17.6

Source: Bureau of Agricultural Statistics.

AGRICULTURAL EXPORTS: 1980 to 1989
Value in million FOB US$)

1983		1984		1985		1986	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
962.8	299.3	877.2	307.6	571.6	168.7	222.0	86.8
998.3	515.8	587.6	580.2	650.6	347.4	1,249.4	332.8
643.4	104.7	799.6	122.3	789.3	113.5	855.7	130.2
145.7	73.6	170.9	87.1	185.1	88.8	172.1	83.5
550.8	72.0	364.4	41.1	443.7	35.5	821.6	74.8
89.4	87.9	76.6	106.0	64.8	75.7	68.0	44.3
37.7	71.0	35.2	61.2	37.4	61.1	35.6	63.1
21.5	46.7	32.9	76.2	30.7	68.5	42.6	118.8
16.1	44.4	0.0	0.0	0.0	0.0	125.3	17.5
239.4	18.0	251.4	29.8	195.3	16.5	197.2	13.0

Table 5.3 – VALUE OF TEN PRINCIPAL AGRICULTURAL IMPORTS: 1980 to 1989

(In million FOB US$)

	1980	1981	1982	1983	1984
Cereals and Cereal Preparations	214.30	229.96	242.03	248.55	245.02
Fertilizers, Manufactured	139.40	104.36	107.99	90.91	87.99
Dairy Products and Bird Eggs	112.46	134.91	1166.81	28.21	65.59
Feeding Stuff for Animals Excluding Unmilled Cereals	80.75	81.10	111.36	80.84	92.07
Tobacco and Tobacco Manufactures	35.76	42.06	53.13	58.32	28.79
Coffee, Tea, Cocoa, Spices and Manufactures	26.72	45.77	42.89	20.86	6.09
Fish, Crustaceans, Mollusks and Preparations	36.50	36.46	52.29	11.14	2.70
Meat and Meat Preparations	12.15	16.04	20.34	12.94	2.27
Vegetables and Fruits	11.02	14.47	15.20	14.24	5.89
Fixed Vegetable Oil and Fats	10.94	11.01	9.67	19.05	27.08

	1985	1986	1987	1988	1989
Cereals and Cereal Preparations	278.06	168.31	134.41	228.25	337.01
Fertilizers, Manufactured	105.59	83.41	89.24	107.74	103.69
Dairy Products and Bird Eggs	71.90	98.22	149.54	161.44	216.56
Feeding Stuff for Animals Excluding Unmilled Cereals	47.04	87.05	97.64	166.50	176.97
Tobacco and Tobacco Manufactures	65.16	65.90	94.39	78.10	65.50
Coffee, Tea, Cocoa, Spices and Manufactures	8.74	3.70	5.44	8.10	13.68
Fish, Crustaceans, Mollusks and Preparations	6.28	18.90	30.96	35.39	36.50
Meat and Meat Preparations	3.48	3.67	6.93	9.80	17.76
Vegetables and Fruits	7.98	16.43	18.08	36.85	51.00
Fixed Vegetable Oil and Fats	7.66	8.39	8.99	12.49	18.39

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	9,725,141	100.00
Arable land	3,891,982	45.82	4,365,183	44.88
Planted to permanent crops	2,532,166	29.81	3,488,978	35.88
Lying idle	752,272	8.86	838,551	8.62
Under permanent meadows and pastures	690,988	8.14	530,035	5.45
Covered with forest growth	433,707	5.10	336,476	3.46
All other lands	192,620	2.27	165,918	1.71

A farm is counted only once under TOTAL but maybe counted under each reported land use.

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

Table 5.5 – AREA OF FARMS BY LAND USE, BY REGION AND BY PROVINCE : 1980

Area 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	9,725,150	4,365,183	838,551	3,488,978	530,035	336,476	165,918
Metropolitan Manila Area:							
National Capital Region)	9,389	4,997	2,649	1,099	98	113	405
Region 1	430,875	308,571	17,097	21,960	50,430	18,863	13,948
Abra	28,542	21,323	354	1,512	3,551	1,298	505
Benguet	40,777	17,477	6,717	3,147	8,159	2,392	2,884
Ilocos Norte	49,082	34,800	1,069	912	7,739	2,651	1,911
Ilocos Sur	46,476	36,837	704	1,456	3,275	2,555	1,649
La Union	47,332	32,875	533	2,676	5,582	3,301	2,365
Mt. Province	27,837	9,479	2,773	2,137	12,087	1,236	125
Pangasinan	190,829	155,779	4,947	10,120	10,138	5,430	4,509
Region 2	639,030	415,720	54,431	38,007	95,614	18,111	17,146
Batanes	4,653	1,420	297	474	1,727	228	506
Cagayan	162,843	127,536	7,505	7,362	12,390	3,589	4,461
Ifugao	49,176	16,994	1,246	2,136	27,718	291	791
Isabela	241,986	182,280	27,639	6,918	13,741	4,149	7,250
Kalinga-Apayao	81,866	34,939	7,522	13,800	19,686	6,733	1,146
Nueva Vizcaya	70,053	35,770	4,075	4,460	21,005	2,006	2,737
Quirino	28,454	16,781	6,157	2,856	1,347	1,076	247
Region 3	501,924	444,471	16,524	13,769.00	17,076	3,259	6,823
Bataan	24,318	13,142	1,358	4,567.00	4,557	651	43
Bulacan	75,602	65,604	1,042	3,819.00	2,214	949	1,974
Nueva Ecija	190,785	175,712	7,274	1,735.00	3,851	243	1,970
Pampanga	80,820	76,704	2,404	1,008.00	86	146	472
Tarlac	101,183	94,690	2,071	966.00	2,197	403	856
Zambales	29,215	18,620	2,375	1,673.00	4,171	867	1,509
Region 4	1,261,904	400,253	84,881	591,600	105,871	63,448	15,852
Batangas	140,156	80,797	5,461	45,504	2,664	3,144	2,606
Cavite	52,859	27,543	1,779	22,278	153	341	766
Laguna	84,650	32,821	1,241	45,436	1,062	1,290	2,800
Marinduque	44,868	9,751	2,663	29,546	1,571	926	410
Occidental Mindoro	78,582	42,731	5,744	3,869	20,202	5,300	734
Oriental Mindoro	144,037	51,315	13,696	64,689	5,381	7,183	1,775
Palawan	238,585	59,688	25,775	63,752	59,013	26,364	3,996
Quezon	351,265	58,527	20,534	251,082	8,734	11,077	1,312
Rizal	30,571	13,322	2,211	8,893	2,922	2,150	1,074
Romblon	64,951	12,076	3,602	43,094	3,711	2,145	322
Aurora	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

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

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

Source: National Statistics Office, 1980 Census of Agriculture.

Table 5.6 – SIZE OF FARMS BY MAJOR CATEGORY PHILIPPINES: 1971 and 1980

(Farms – '000 ; Area – '000 hectares)

Item	Number of farms		Area of farms	
	1971	1980	1971	1980
All farms	2,354.5	3,420.3	8,493.7	9,725.2
Palay	981.9	1,610.5	2,661.2	3,755.7
Corn	514.2	753.6	1,493.9	1,955.0
Coconut	432.5	709.6	2,152.8	2,842.9
Sugarcane	27.0	34.6	368.1	312.8
Abaca	12.5	16.0	64.3	60.1
Tobacco	3.9	5.3	7.3	8.1
Other crops	–	211.3	–	576.0
Livestock and Poultry	38.3	52.2	415.6	181.6
Others, nec	344.2	27.1	1,330.5	33.0

1 Includes chicken, hog, and cattle.

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

Table 5.7 – NUMBER AND AREA OF FARMS BY TENURE

(Area

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

Source: National Statistics Office.

OF FARM AND BY SIZE OF FARM, PHILIPPINES: 1980
in hectares)

Farm						
1.00 to 1.99	2.00 to 2.99	3.00 to 4.99	5.00 to 7.00	7.01 to 9.99	10.00 to 24.99	25.00 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

Figure 5.2 Production, Importation and Consumption of Fertilizers, 1980 to 1989

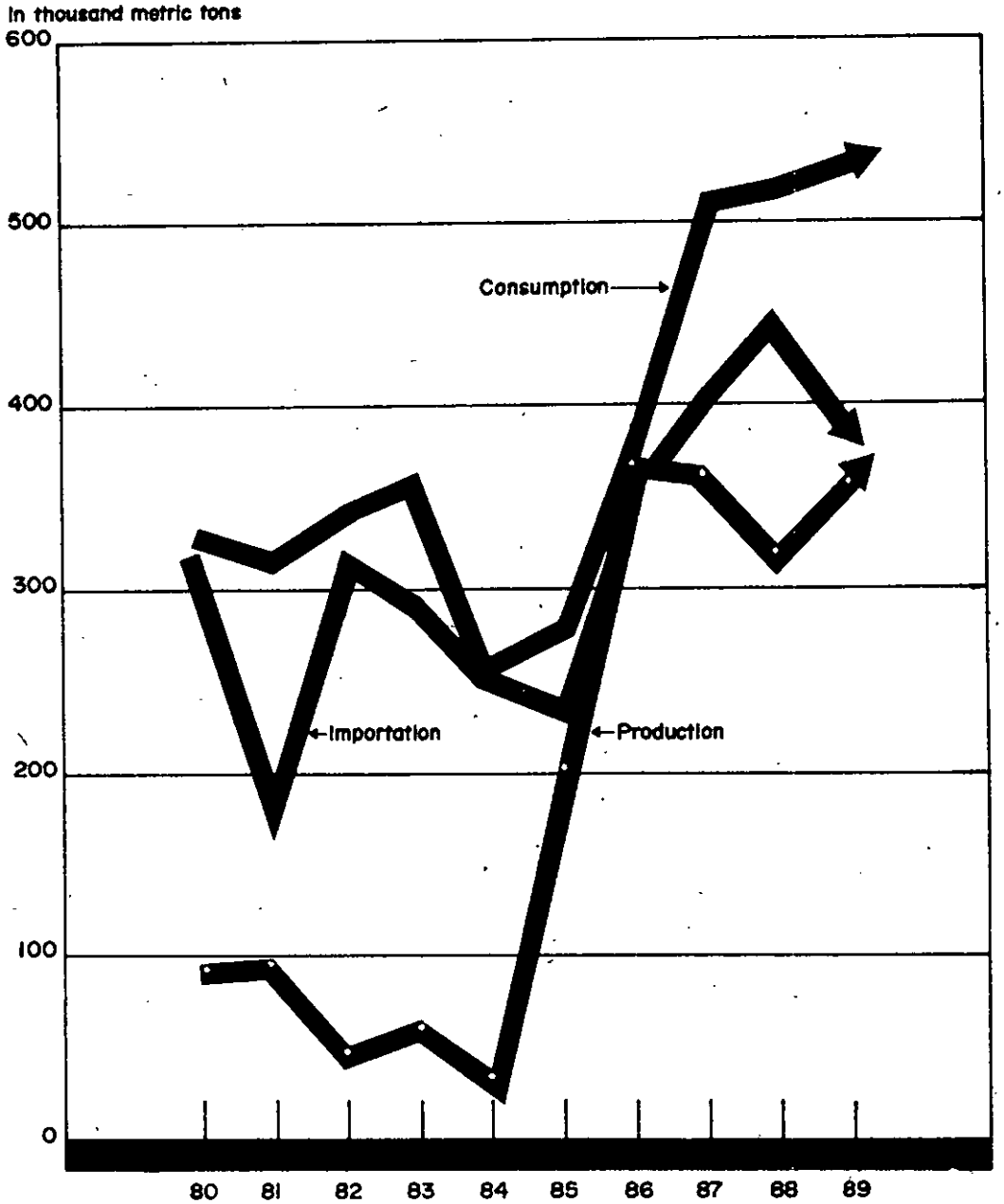


Table 5.8 PROJECTED COMPREHENSIVE AGRARIAN REFORM PROGRAM BY REGION, AREA AND BENEFICIARIES: 1989

(Area in hectares)

Region	Total Area	Beneficiaries	Phase I Area	Phase I Beneficiaries	Phase II Area	Phase II Beneficiaries	Phase III Area	Phase III Beneficiaries
PHILIPPINES	9,773,870	3,713,110	1,454,800	764,810	6,966,170	2,594,910	1,352,900	451,000
CAR	225,320	79,360	8,660	3,970	203,130	70,880	13,530	4,510
Region 1	390,390	149,840	64,210	31,140	293,070	107,660	33,110	11,040
Region 2	536,770	207,750	52,170	34,290	406,450	147,410	78,150	26,050
Region 3	890,560	417,910	387,840	237,220	429,010	156,120	73,710	24,570
Region 4	1,310,690	471,800	98,720	42,490	1,007,630	361,250	204,340	68,120
Region 5	901,710	339,700	146,510	72,370	606,380	217,720	148,820	49,610
Region 6	709,270	279,460	108,550	68,620	484,810	171,950	115,910	38,640
Region 7	587,320	220,170	79,210	40,080	426,930	153,030	81,180	27,060
Region 8	762,870	279,230	135,370	57,640	432,250	156,500	195,250	65,090
Region 9	643,270	234,040	24,970	14,450	516,130	183,330	102,170	34,060
Region 10	942,280	335,020	96,470	39,680	721,020	253,740	124,790	41,600
Region 11	1,035,040	374,390	174,730	72,800	732,480	258,980	127,830	42,610
Region 12	838,380	324,440	77,390	50,060	706,880	356,340	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
(Area

Region	Landed Estates			Land Settlements		
	Number of Landed Estates	Area	No. of Benefi-ciaries	Number of Land Settle-ments	Area Proclaimed	Area as Surveyed
PHILIPPINES	153	88,383	48,640	47	766,378	601,856
CAR	0	0	0	0	0	0
Region 1	7	3,504	4,377	0	0	0
Region 2	4	5,543	2,240	2	48,920	69,433
Region 3	119	58,248	33,213	4	21,165	6,049
Region 4	12	15,152	5,955	6	69,385	65,767
Region 5	6	3,901	2,083	2	17,300	21,532
Region 6	0	0	0	4	56,442	38,012
Region 7	0	0	0	1	5,010	14,118
Region 8	1	591	345	4	33,950	16,415
Region 9	0	0	0	5	75,084	67,457
Region 10	2	549	235	2	54,840	67,133
Region 11	1	550	94	4	51,674	41,569
Region 12	1	345	98	13	332,608	194,371

Source: Department of Agrarian Reform.

LAND DISTRIBUTION: 1989
in hectares)

	Leasehold Contracts			Operation Land Transfer (Distributed)		
Number of Settler Families	Number of Leased Contracts	Area	Number of Tenants	Number of Emanci-pation Patents	Area	Number of Tenants
65,470	753,433	589,871	562,072	324,524	285,859	212,522
0	20,472	7,065	12,588	2,040	909	1,138
0	160,884	81,086	110,879	34,609	18,546	17,981
2,427	69,553	54,826	41,668	67,114	46,311	38,066
4,624	95,669	113,183	75,085	64,138	66,017	43,061
7,710	77,463	68,284	58,203	22,632	18,994	16,720
1,798	51,256	30,090	33,167	36,106	27,192	23,136
6,381	73,077	73,762	68,762	11,639	12,108	7,615
1,304	52,102	19,545	40,728	9,733	9,420	5,649
2,981	48,456	33,691	38,180	18,996	11,146	12,768
5,325	25,717	24,334	20,210	12,511	11,458	9,606
7,133	29,308	24,885	20,680	15,167	17,471	11,141
7,101	33,280	37,635	25,829	9,881	13,633	7,909
18,686	16,196	21,485	16,093	19,958	32,654	17,732

Table 5.10 – AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTIONS: 1960 to 1989

(In million pesos)

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

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 1989

(In million pesos)

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

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/IMPORTS
(volume in metric tons,

Year	Country of destination	EXPORTS	
		VOLUME	VALUE
1980		230,624.95	64.48
	Indonesia	97,175.00	27.89
	Malaysia	26,450.00	7.64
	Brazil	63,499.95	18.19
	Senegal	11,000.00	2.09
	Africa/Tradax	9,500.00	3.37
	Singapore	2,000.00	0.75
	Vietnam	21,000.00	4.55
1981		83,300.00	26.32
	Vietnam	9,000.00	1.96
	Indonesia	63,800.00	20.42
	Brazil	10,500.00	3.94
1982		152.00	0.06
	Germany	60.00	0.02
	Australia	87.42	0.03
1983		39,760.00	9.29
	Australia	76.00	0.03
	Indonesia	24,191.68	5.64
	Israel	2,260.00	0.52
	Papua New Guinea	709.00	0.22
	Noumea, N.C.	323.78	0.08
	Brazil	12,000.00	2.74
	U.S.A.	200.00	0.06
1984		737.60	0.23
	U.S.A.	36.10	0.01
	Papua, New Guinea/R.G.	701.50	0.22
1985	NO EXPORT MADE		
1986	NO EXPORT MADE		
1987	Indonesia **	111,000.00	24.42
1988	Indonesia **	16,000.00	2.52
1989	NO EXPORT MADE		

Does not include 56.844 MT rice transferred by NFA to FTI intended for FTI's exports to the USA.
NCV – No Current Value

Source: National Food Authority

BY COUNTRY OF DESTINATION/ORIGIN: 1980 to 1989

Year	Country of origin	IMPORTS VOLUME (metric tons)	IMPORTS VALUE (Million U.S.$)
1984		191,020.00	44.163
	Thailand	108,775.00	
	China	82,245.00	
1985		540,927.00	122.88
	Thailand	138,277.00	
	Taiwan	111,791.00	
	China	99,324.00	
	U.S. (PL 480)	151,851.00	
	Indonesia	39,684.00	
1986		5,979.00	NCV
	Burma *	2,318.00	
	Australia *	3,661.00	
1988		181,167.16	
	PL 480 (Title I)	95,094.44	29.10
	PL 480 (Title II)	55,155.65	21.00
	China *	9,969.54	NCV
	Spanish Government *	835.00	NCV
	Australian Donation *	20,112.53	NCV
1989		219,928.70	
	Vietnam	54,300.36)	
	Thailand	51,050.00)	57.86
	Indonesia	104,578.34)	
	Taiwan *	10,000.00	

* Donation

** Loan Repayment

Table 5.13 – TOTAL INVENTORY OF LIVESTOCK AND POULTRY ON FARM, BY KIND: 1950 to 1990
(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	1,691	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	59,718	4,905
1983	2,946	1,938	1,859	7,980	62,223	5,419
1984	3,022	1,849	2,362	7,613	59,111	5,764
1985	2,983	1,787	2,191	7,304	52,399	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	60,322	5,873
1989	2,842	1,682	2,212	7,909	65,921	6,501
1990 P	2,765	1,629	2,193	8,190	69,539	7,237

P Preliminary estimates
Notes: 1974 and 1975 data are not available.

Source: Bureau of Agricultural Economics.

Table 5.14 – NUMBER OF ANIMALS SLAUGHTERED BY KIND: 1955 to 1989
(In thousand heads)

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

Source: National Meat Inspection Commission.

Table 5.15 – RAINFALL IN THE PHILIPPINES BY MONTH AND BY

(In milli

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						LAOAG						
1965	T	0.0	0.0	4.6	267.6	585.3	395.4	208.1	393.6	7.5	45.2	2.0
1970	0.5	T	0.0	7.1	81.4	481.0	216.7	474.8	438.7	77.3	27.9	27.3
1975	23.1	0.0	T	12.2	55.7	375.4	63.0	812.9	65.6	132.6	T	5.7
1976	T	T	T	3.3	253.9	284.1	211.1	173.3	154.7	63.4	11.8	0.0
1977	9.6	T	0.0	20.4	33.2	189.0	455.8	627.6	621.8	0.0	86.0	0.0
1978	0.0	0.0	0.0	51.6	118.5	427.2	227.8	443.7	259.1	107.2	41.5	0.0
1979	0.0	T	0.0	15.9	420.7	95.0	525.6	494.8	114.4	79.6	17.3	6.0
1980	38.8	0.0	0.0	0.0	89.5	80.2	579.5	124.9	475.9	110.2	79.3	T
1981	0.5	0.0	0.0	0.2	230.6	507.2	305.8	508.3	235.3	93.7	31.6	0.0
1982	0.0	0.0	T	0.8	67.8	345.6	772.8	613.9	160.3	36.8	28.2	15.8
1983	0.3	12.2	26.0	2.2	27.7	249.0	196.6	621.7	353.4	80.6	T	4.0
1984	0.0	0.0	0.0	285.2	178.2	248.7	197.4	716.3	60.4	13.8	10.8	21.3
1985	0.0	0.0	0.0	T	184.0	1069.5	41.3	1015.4	134.9	367.4	23.8	2.2
1986	16.5	0.1	0.0	0.0	540.6	88.0	349.3	1146.1	514.7	57.7	59.7	T
1987	0.0	0.0	0.0	1.0	0.0	250.6	263.8	291.2	243.8	315.1	0.2	3.1
1988	5.3	2.0	0.0	8.0	171.0	293.3	554.6	266.2	238.9	62.3	1.1	T
1989	T	0.2	2.0	9.0	80.7	152.2	446.0	494.1	11526.0	136.0	T	0.6
1990	8.6	0.6	0.0	17.6								
						DAGUPAN						
1965	0.0	0.0	66.1	137.8	352.0	296.3	484.7	339.0	296.2	66.5	16.6	0.0
1970	10.2	4.0	9.7	91.9	174.1	534.3	292.5	611.4	292.9	223.3	31.4	16.9
1975	4.7	T	33.0	54.6	262.0	113.5	216.1	443.5	279.6	198.3	20.8	10.7
1976	15.5	21.9	19.1	5.6	862.7	630.8	334.0	382.6	498.5	69.0	T	T
1977	53.3	T	11.2	70.3	101.3	175.8	302.0	524.3	546.6	31.5	247.7	0.0
1978	0.0	0.0	0.0	32.4	141.5	353.1	493.7	1059.6	309.7	204.5	75.5	1.0
1979	0.0	0.0	T	70.1	440.8	125.5	312.2	648.6	224.5	216.0	5.8	3.1
1980	1.0	3.3	24.1	5.5	201.2	232.5	703.7	162.2	391.0	212.7	158.6	4.2
1981	0.7	4.4	0.0	40.1	116.4	534.6	417.5	694.2	137.7	133.8	206.4	1.4
1982	T	0.8	1.1	163.4	178.4	248.1	693.6	524.8	144.9	86.8	2.0	45.9
1983	13.1	0.2	2.0	0.4	61.3	97.5	114.9	692.3	223.8	111.6	37.2	7.2
1984	8.2	T	20.8	91.4	137.7	312.1	222.6	1067.0	210.4	328.5	7.7	1.0
1985	0.0	3.2	20.2	99.5	136.7	995.3	153.6	678.0	386.4	168.4	39.6	0.8
1986	21.7	28.4	13.0	0.0	202.6	116.5	965.2	646.0	547.6	51.5	64.8	16.3
1987	0.0	0.0	11.0	11.2	61.6	237.4	289.2	250.0	261.7	147.8	2.2	30.3
1988	3.0	33.4	0.0	78.2	285.0	304.2	654.2	443.8	372.6	232.6	23.8	T
1989	14.2	8.4	97.8	18.2	155.6	241.3	619.0	448.8	537.0	236.8	53.8	0.6
1990	T	0.0	T	0.0								

SELECTED KEY STATION: 1965 to 1990
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						MANILA (Port Area)						
1965	10.7	9.3	2.3	67.5	221.1	206.4	403.5	398.1	285.6	131.4	92.8	36.4
1970	5.9	0.3	2.6	11.8	44.5	163.7	425.4	358.6	885.1	258.5	97.0	7.0
1975	16.5	3.3	0.5	28.4	58.0	196.3	100.1	505.9	260.7	310.7	100.6	113.6
1976	40.4	2.0	0.5	1.0	922.7	167.9	0.0	0.0	0.0	61.8	82.8	87.9
1977	69.2	8.2	4.4	2.8	265.5	190.8	419.4	525.6	710.0	66.4	76.6	5.6
1978	0.2	6.0	1.6	12.4	167.7	164.4	206.6	885.3	435.3	626.9	124.1	46.6
1979	T	0.2	0.0	60.3	161.3	161.0	316.7	412.6	251.0	89.0	32.2	19.8
1980	0.0	0.0	43.9	T	41.9	37.5	364.6	212.9	312.4	154.8	260.4	21.6
1981	1.0	T	T	3.3	31.0	480.3	268.6	193.8	171.8	191.3	148.7	74.0
1982	1.6	4.0	5.5	27.5	32.3	182.1	492.4	352.9	276.2	69.1	28.2	60.8
1983	23.3	0.3	0.0	1.4	T	33.0	177.1	409.8	250.7	239.0	9.4	2.6
1984	25.3	T	7.6	12.6	169.1	372.9	244.8	500.1	156.9	311.3	65.8	10.1
1985	1.2	0.9	6.7	75.5	8.4	867.3	259.2	301.1	290.8	299.6	132.6	45.1
1986	0.7	48.3	T	16.6	266.9	149.0	667.3	662.6	545.4	623.0	250.5	53.0
1987	3.9	0.0	0.0	2.4	27.4	241.7	147.0	236.1	292.8	170.6	95.2	-
1988	96.2	9.6	0.8	12.5	116.0	367.7	426.5	279.5	341.2	573.4	136.1	1.6
1989	10.9	15.8	64.3	0.7	153.2	162.3	377.6	765.2	185.2	190.8	31.1	1.2
1990	5.6	-	5.6	3.2								
						LEGASPI						
1965	307.2	98.1	242.7	158.4	189.6	281.5	484.4	308.4	255.5/	318.1	428.2	547.6
1970	269.6	303.2	292.2	172.2	134.5	203.5	358.3	424.6	219.4	540.2	758.1	559.2
1975	256.7	210.7	122.7	435.1	151.4	159.2	196.5	228.5	318.6	139.3	372.9	154.8
1976	668.8	160.9	251.7	104.9	414.5	245.9	155.3	390.6	214.7	294.7	410.0	794.6
1977	239.3	217.3	141.8	114.1	254.3	107.3	378.1	233.7	386.6	205.7	657.2	175.6
1978	53.1	96.4	152.5	124.4	206.8	312.3	192.6	348.5	353.3	559.4	255.3	494.6
1979	136.9	240.5	88.6	272.7	129.3	302.3	244.8	156.6	458.9	234.9	326.0	248.9
1980	222.7	288.2	298.0	86.1	64.7	551.3	298.5	350.8	282.7	652.4	313.2	288.4
1981	394.3	166.5	61.8	156.2	138.6	339.5	239.0	129.4	288.5	500.0	787.1	504.8
1982	225.3	346.4	230.6	121.0	209.5	135.5	386.6	250.4	568.6	245.5	386.0	394.8
1983	147.2	11.4	33.4	54.2	22.0	283.5	532.9	112.8	263.3	269.5	503.5	405.8
1984	337.7	191.4	219.8	36.4	86.7	387.2	67.4	358.6	170.2	444.4	661.9	180.2
1985	305.9	182.2	181.7	181.8	140.4	262.9	304.2	68.9	244.9	386.5	417.9	261.2
1986	226.9	152.2	92.9	366.1	90.2	152.3	237.4	216.7	273.5	384.9	338.5	160.8
1987	110.7	65.8	42.9	113.2	43.1	137.3	246.6	275.2	200.1	217.5	648.8	604.3
1988	259.6	119.6	85.9	287.2	118.8	186.7	174.1	93.2	147.0	693.5	897.1	295.2
1989	549.8	676.7	331.4	251.9	260.7	393.6	163.4	211.8	327.7	220.4	232.0	389.0
1990	447.1	58.1	32.9	64.3								

Table 5.15 – RAINFALL IN THE PHILIPPINES BY MONTH AND BY

(In milli

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ILOILO						
1965	57.8	12.7	81.8	33.3	70.6	249.3	360.7	267.5	219.0	166.4	251.8	121.2
1970	25.9	7.2	35.1	5.3	151.0	414.4	195.8	256.1	234.9	225.0	101.8	60.7
1975	130.5	85.8	11.1	144.9	147.1	378.5	99.5	253.5	294.2	328.2	55.0	120.7
1976	45.5	37.9	26.0	20.6	315.3	217.3	509.1	386.7	331.2	174.3	131.8	99.5
1977	38.7	60.4	21.0	0.0	8.1	247.5	224.4	281.0	545.4	73.6	77.0	21.7
1978	26.2	9.1	3.8	131.4	66.8	150.1	131.6	503.6	320.8	252.7	119.6	162.6
1979	12.5	17.7	0.0	125.3	97.5	129.5	501.5	667.4	207.6	706.4	84.5	65.2
1980	21.5	74.3	74.8	7.3	22.1	648.0	220.8	206.1	348.4	363.2	193.0	94.3
1981	30.3	5.8	7.6	80.4	30.6	423.2	203.0	345.9	283.8	117.3	134.3	84.6
1982	15.3	2.0	151.8	60.8	158.0	396.6	285.7	668.1	380.3	215.6	53.4	9.9
1983	73.4	5.0	31.2	2.4	9.2	181.7	247.5	278.5	350.2	264.6	284.9	102.1
1984	32.3	64.6	97.0	66.8	109.5	508.6	391.6	505.8	411.5	515.8	365.9	72.3
1985	36.9	54.1	35.4	267.6	59.2	460.1	274.4	161.7	341.7	470.2	182.0	90.4
1986	40.2	15.3	51.5	49.2	70.4	253.1	300.8	692.4	257.5	182.4	248.9	97.4
1987	30.1	12.0	1.0	5.7	41.9	162.4	452.7	224.5	517.0	385.3	213.2	21.8
1988	13.7	13.3	13.1	85.2	197.6	483.0	325.3	264.9	277.7	561.6	312.7	39.4
1989	94.1	33.0	58.8	68.7	253.5	323.5	308.5	72.7	160.0	138.2	37.4	8.8
1990	15.1	0.6	8.0	9.1								
						CEBU CITY						
1965	82.8	99.7	134.7	77.9	32.8	287.6	86.5	182.1	67.0	221.1	109.7	146.5
1970	51.8	22.8	17.6	17.0	43.8	239.6	238.7	182.0	98.1	197.5	231.1	152.0
1975	173.4	107.8	20.1	56.9	50.3	280.6	187.6	179.7	315.0	247.1	43.4	225.8
1976	155.6	36.4	8.0	16.5	215.1	198.5	371.5	121.6	330.8	112.4	41.6	120.1
1977	168.3	100.2	38.7	T	70.8	148.0	313.6	166.2	205.3	149.2	133.5	25.4
1978	194.9	35.5	46.8	63.0	78.2	174.1	107.0	103.0	408.4	148.1	167.6	167.6
1979	39.5	24.1	7.1	48.1	140.8	368.6	116.5	94.1	178.0	204.3	112.9	96.6
1980	79.6	90.6	62.7	67.5	51.8	316.4	180.6	519.4	160.1	246.0	274.1	137.9
1981	95.2	62.3	18.3	8.4	61.1	77.8	151.1	44.0	195.3	257.7	168.9	138.9
1982	4.8	45.2	240.2	6.8	34.4	50.3	198.9	128.3	60.6	187.8	85.2	61.2
1983	44.0	11.2	18.2	5.0	8.0	118.7	387.7	318.0	252.9	191.0	181.2	158.8
1984	148.0	176.6	41.1	59.8	103.8	360.3	85.0	138.0	147.8	102.3	185.1	184.8
1985	151.2	14.5	22.8	64.8	206.2	88.5	391.3	23.0	337.3	178.4	186.6	65.6
1986	131.6	42.4	24.0	56.0	9.0	189.2	218.2	114.2	106.8	320.5	140.7	101.9
1987	-	13.7	-	3.0	5.2	71.5	305.0	71.1	114.0	219.5	191.4	-
1988	38.8	46.4	37.6	33.4	89.8	248.2	107.6	214.9	221.8	280.3	-	59.8
1989	-	98.5	35.9	-	-	-	-	-	-	-	-	-
1990	-	3.9	-	-								

T – Trace, the amount of rainfall is less than 0.1 mm.
Jan. to Sept. 1983 and 1984 data are from Mactan Station.

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

SELECTED KEY STATION: 1965 TO 1990 (Continued)
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ZAMBOANGA CITY						
1965	12.5	49.0	34.4	41.9	58.4	159.2	113.3	51.8	62.8	99.0	33.5	53.5
1970	61.8	6.8	46.9	79.9	139.9	185.5	98.7	104.5	164.3	244.6	40.4	131.0
1975	8.3	82.2	103.7	69.5	102.0	142.4	265.5	192.7	127.8	196.7	81.3	210.5
1976	109.1	1.0	62.5	10.0	191.7	145.3	240.2	87.9	197.8	133.3	100.2	37.3
1977	12.8	49.2	22.1	16.2	21.5	99.1	308.5	187.5	113.9	71.9	33.6	48.8
1978	11.7	111.7	12.4	140.2	118.3	48.4	81.8	147.4	312.9	202.3	103.2	20.8
1979	0.1	43.5	2.5	50.7	105.8	177.9	142.0	30.4	64.5	527.9	34.9	583.4
1980	52.5	80.9	7.9	9.7	7.6	250.4	226.1	107.3	182.5	197.4	119.3	43.6
1981	63.0	13.8	85.7	48.3	109.1	134.9	97.6	67.8	127.8	82.7	170.1	48.7
1982	6.2	35.3	10.1	29.8	76.1	177.4	70.0	116.1	82.7	125.0	31.6	15.7
1983	5.8	1.0	2.2	3.3	130.8	15.8	226.0	55.6	274.6	141.5	168.3	138.3
1984	105.6	57.8	13.4	68.2	128.0	186.5	109.3	56.9	78.7	314.4	20.0	14.6
1985	6.1	66.2	22.7	35.5	99.0	124.5	186.3	4.9	215.4	186.0	68.3	28.9
1986	51.8	25.2	98.8	17.2	34.8	38.8	212.3	262.8	161.9	95.5	191.7	10.0
1987	15.6	6.2	31.0	0.9	26.3	73.9	242.5	96.7	103.2	55.9	173.9	23.6
1988	22.7	70.6	50.6	81.4	45.2	109.5	150.6	205.6	101.2	353.6	275.7	35.3
1989	12.6	38.0	80.0	91.5	79.4	118.2	97.2	182.1	67.7	91.6	71.8	22.4
1990	30.1	22.1	13.3	68.7								
						DAVAO CITY						
1965	170.0	180.9	176.6	262.6	178.2	194.2	85.6	186.1	278.7	224.6	128.3	135.0
1970	101.3	200.3	119.9	49.4	141.6	122.2	249.9	239.3	168.7	176.4	138.6	84.1
1975	95.1	71.9	146.0	87.4	175.3	250.9	139.9	231.2	205.5	132.4	123.7	227.1
1976	88.0	55.9	72.3	64.4	111.6	189.1	77.7	299.3	157.5	177.5	126.5	81.7
1977	177.5	130.3	56.5	13.5	74.1	243.9	174.1	197.7	82.7	349.3	89.4	30.0
1978	51.7	111.2	17.5	62.7	273.4	220.1	127.9	188.8	125.1	229.3	66.3	123.1
1979	37.0	32.5	104.0	101.9	285.7	325.9	127.1	70.0	273.4	163.3	118.9	91.0
1980	173.4	124.6	15.6	178.3	196.8	509.0	170.3	182.4	78.5	176.1	127.9	231.8
1981	170.9	120.8	57.4	174.2	168.2	159.6	75.8	106.5	214.2	193.8	175.5	70.3
1982	174.1	100.1	48.4	198.3	108.1	259.0	135.7	247.1	135.5	87.1	239.4	23.3
1983	59.8	14.8	11.2	15.4	106.6	221.8	321.7	258.7	174.2	134.0	114.2	194.6
1984	89.3	120.8	160.0	99.5	80.7	183.8	100.4	51.4	148.3	151.1	76.3	75.2
1985	65.7	61.9	77.8	305.5	222.9	42.4	170.1	325.7	206.8	457.0	145.1	111.9
1986	303.3	81.6	80.8	39.5	103.8	262.1	130.0	47.5	229.8	134.2	135.9	8.4
1987	137.0	114.1	13.6	93.9	155.7	223.7	111.0	236.2	86.4	152.0	67.2	137.4
1988	27.6	103.2	353.8	302.8	211.4	164.2	130.8	148.9	360.0	142.9	66.7	83.4
1989	121.8	108.0	192.1	180.5	214.4	295.7	61.3	216.1	92.7	117.9	152.9	89.2
1990	37.1	41.5	51.8	8.4								

Table 5.16 – AVERAGE MINIMUM AND MAXIMUM TEMPERATURE, BY MONTH AND BY PRINCIPAL ISLAND: 1989

(In degree centigrade)

Month	Philippines		Luzon		Visayas		Mindanao	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
January	20.3	32.8	19.7	33.5	21.9	31.7	21.4	34.8
February	21.4	34.2	21.3	32.7	21.9	36.1	20.9	33.7
March	20.8	34.8	20.7	37.9	21.5	32.5	21.2	34.3
April	21.9	35.8	21.2	39.5	21.6	32.4	22.1	35.7
May	21.3	35.1	22.6	35.7	23.1	33.1	22.5	35.2
June	21.8	34.1	21.4	34.0	21.7	32.7	21.7	33.9
July	22.5	32.5	22.0	31.9	23.0	28.9	21.5	34.1
August	21.0	32.7	21.4	32.6	22.9	33.3	19.9	31.7
September	20.7	31.8	21.2	32.1	19.5	29.7	22.1	34.0
October	20.5	31.7	20.4	32.3	20.7	31.4	19.8	31.5
November	19.2	33.0	18.7	31.7	20.5	33.2	19.5	34.2
December	18.7	31.2	17.1	29.9	19.5	29.7	20.5	33.0

Table 5.17 – AVERAGE RAINFALL AND NUMBER OF RAINY DAYS, BY MONTH AND BY PRINCIPAL ISLAND: 1989

(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	121.0	12	156.4	13	59.7	13	90.1	11
February	104.5	11	120.7	10	51.7	10	146.5	13
March	65.2	6	28.6	4	33.4	7	138.0	15
April	126.8	11	124.3	8	89.4	11	165.4	10
May	156.2	12	158.8	14	121.3	12	178.7	12
June	255.3	19	311.3	16	247.5	19	184.5	19
July	281.2	18	358.0	20	224.3	14	169.3	17
August	174.5	14	213.8	17	178.9	15	201.3	16
September	242.0	15	340.7	14	222.5	12	254.2	19
October	471.9	22	614.2	20	501.1	22	288.8	19
November	411.8	14	245.7	12	479.2	17	389.6	20
December	135.7	15	98.4	10	356.7	15	173.0	16

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

Table 5.18 – MONTHLY AND ANNUAL FREQUENCIES OF TROPICAL CYCLONES IN THE PHILIPPINE AREA OF RESPONSIBILITY: 1950 to 1989

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

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 COMPARATIVE REPORT ON THE NUMBER OF COOPERATIVE/ SAMAHANG NAYON AUDITED BY REGION: 1986 to 1989

Region	1986		1987		1988		1989	
	Coope-rative	Samahang Nayon	Coope-rative	Samahang Nayon	Coope-rative	Samahang Nayon	Coope-rative	Samahang Nayon
Philippines	249	132	279	167	216	83	83	18
NCR	...	...	3	...	2	...	2	...
Region 1	78	...	59	1	24	1	4	...
Region 2	26	...	57	5	58	2	10	...
Region 3	2	1	1	...	...	...	...	...
Region 4	21	...	19	...	18	1	6	...
Region 5	19	13	14	17	12	1	10	...
Region 6	22	13	26	37	21	32	25	2
Region 7	13	6	19	17	20	7	4	5
Region 8	2	...	9	18	2	1	5	...
Region 9	11	...	5	...	6	...	5	...
Region 10	12	74	25	33	7	12	...	1
Region 11	23	12	8	9	4	1	7	6
Region 12	20	13	34	30	42	25	5	4

Source: Bureau of Cooperatives Development.

Table 5.20 – NUMBER OF REGISTERED/RE-REGISTERED COOPERATIVES BY REGION AND BY TYPE: AS OF DECEMBER 1989

Region	Total	Multi-Purpose	Cooperative Rural Bank	Area Marketing Cooperative	Credit
Philippines	6,703	1,831	32	64	2,322
CAR	28	25	–	–	3
NCR	739	83	–	–	656
Region 1	327	141	2	9	175
Region 2	401	150	3	3	245
Region 3	553	394	5	11	143
Region 4	366	82	2	8	274
Region 5	298	186	3	6	103
Region 6	353	173	4	6	170
Region 7	227	92	1	2	132
Region 8	214	128	1	3	82
Region 9	208	142	0	1	65
Region 10	160	44	5	6	105
Region 11	261	143	4	4	110
Region 12	117	48	2	5	62

Region	Consumer	Marketing	Producer	Service	Federation	Union
Philippines	1,117	573	342	270	85	67
CAR	1	0	1	0	0	0
NCR	252	20	13	64	26	4
Region 1	116	60	14	23	10	8
Region 2	70	53	84	5	7	2
Region 3	71	61	44	19	4	2
Region 4	105	98	32	46	4	10
Region 5	64	39	24	35	5	5
Region 6	111	43	13	19	7	2
Region 7	81	13	13	3	2	5
Region 8	39	24	7	7	3	3
Region 9	39	45	25	8	0	5
Region 10	62	28	12	18	1	8
Region 11	48	18	10	8	7	6
Region 12	58	71	50	15	9	7

Source: Bureau of Cooperatives Development.

Table 5.21 – PRODUCTION, IMPORTATION AND

(In thousand

Year	Plant nutrients			
	Total	Nitrogen	Phosphorous	Potassium
Production				
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
1989	362.6	127.0	191.0	44.6
Importation				
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
1989	393.9	304.5	21.3	68.1
Consumption				
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
1989	537.3	375.9	84.1	77.3

Source: Fertilizer and Pesticide Authority.

CONSUMPTION OF LOCAL FERTILIZERS: 1978 to 1989
metric tons)

Fertilizer products					
Total	Urea	Ammosul/	NP & P	NPK	Potash
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
813.5	_	_	513.9	295.4	4.2
549.9	337.4	103.2	16.8	3.0	89.5
734.6	355.5	195.4	23.9	53.9	105.9
752.0	386.9	167.5	38.5	23.3	135.8
426.9	204.2	45.1	41.7	18.6	117.3
765.3	364.9	151.5	94.6	43.6	110.7
642.8	320.2	118.4	102.3	27.3	74.6
622.4	283.3	113.4	86.4	87.1	52.2
557.5	321.2	21.3	85.0	112.9	17.1
855.6	553.9	187.0	29.0	30.0	55.7
948.7	648.5	201.8	-	-	98.4
1,061.8	725.3	220.7	3.5	-	112.3
981.2	504.2	266.2	52.2	59.4	99.2
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
1,318.3	569.3	216.7	222.9	234.6	74.8

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, manufacturing in particular, that should ideally lead the country in its thrust toward a more accelarated pace of development. By giving more emphasis on the development of its indigenous industries rather than concentrating on traditional agriculture, a country could broaden the base of its development, generate more employment opportunities for the populace, and expand aggregate production. Industrialization, therefore, would enable the country to progress at a faster pace.

The major statistical tables presented are: general statistics for manufacturing; 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 amount of foreign investments and capital of products approved by the Board of Investment (BOI).

Data on manufacturing were culled from the National Statistics Office (NSO) Annual Survey of Establishments (ASE) and the Monthly Survey of Key Manufacturing Enterprises (SKEM). The ASE, conducted annually by the NSO since its inception in 1956, covers the entire country and presents basic statistics on the manufacturing sector such as employment, payrolls, fixed assets, inventories, shipments, costs, and gross value added. 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 Bureau of Mines and Geo-Sciences. Data on construction are also supplied by the NSO.

Also presented in this chapter are major statistical tables showing the important characteristics of business establishments in the Philippines. The sources of these data are the NSO, the Bureau of 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.

Table 6.1	General Statistics for Manufacturing Establishments in the Philippines: 1956 to 1987	6-4
Table 6.2	General Statistics for Manufacturing Establishments, by Major Industry Group: 1987	6-6
Table 6.3	Selected Characteristics of Manufacturing Establishments by Industry: 1971 to 1987	6-10
Table 6.4	Summary of Gross Value of Output of Manufacturing Establishments with 5 or more Workers by Industry: 1970 to 1987	6-16
Table 6.5	Index of Value of Production of Key Manufacturing Enterprises by Industry: 1987 to 1990	6-18
Table 6.6	Index of Value of Employment of Key Manufacturing Enterprises by Industry: 1987 to 1990	6-20
Table 6.7	Index of Value of Compensation of Key Manufacturing Enterprises by Industry: 1987 to 1990	6-22
Table 6.8	Value of Mining Production: 1955 to 1989	6-24
Table 6.9	Mining Production: 1955 to 1989	6-29
Table 6.10	Number, Floor Area and Value of Private Building Construction by Type of Building and by Region: 1965 to 1989	6-32
Table 6.11	Number and Initial Paid-Up Capital Investments of Newly Registered Business Organizations: 1950 to 1989	6-44
Table 6.12	Initial Paid-Up Capital Investments of Newly Registered Domestic Stock Corporations and Partnerships by Nationality and Kind of Business: 1983 to 1989	6-46
Table 6.13	Capital Increases and Withdrawals of Corporations and Partnerships, Philippines: 1955 to 1988	6-49
Table 6.14	Amount of Investments Approved Under E.O. 226 by Country: 1970 to 1989	6-50
Table 6.15	Equity Investments in Projects Approved Under E.O. 226 by the BOI: 1985 to 1989	6-52

Figure 6.1 Index of Value of Production by Key Manufacturing Enterprises, 1987 to 1990 6-28

Figure 6.2 Value of Mining Production, 1980 to 1989 6-48

Table 6.1 – GENERAL STATISTICS FOR IN THE PHILIPPINES:

Year	Number of establishments	Employment (average for the year) Total	Number of paid employees	Total salaries and wages (P1,000)
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, 1975 1972,1975 and 1980 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 establishments	Employment (ave. for the year) Total	Employment (ave. for the year) No. of paid employees	Total compensation	Total receipts
	All manufacturing establishments	4,995	675,688	671,511	21,810,877	282,264,855
311 /312	*Food*	1,163	133,304	131,529	4,428,561	66,888,641
313	*Beverages*	80	27,266	27,250	1,324,924	19,516,707
314	*Tobacco*	25	12,974	12,964	389,399	15,256,274
321	*Textile*	297	76,813	76,734	1,829,770	14,699,451
322	*Wearing apparel except footwear*	414	101,845	101,277	2,499,670	6,241,574
323	*Leather and leather products, leather substitutes & furs, except footwear and wearing apparel*	39	2,905	2,886	46,285	224,166
324	*Footwear, except rubber, plastic or wood furniture*	111	6,557	6,367	114,608	467,083
331	*Wood, wood and cork products, except furniture*	254	44,574	44,433	1,041,860	7,374,259
332	*Furniture and fixtures, except primarily of metal (including repairs)*	231	27,056	26,806	490,850	1,999,837
341	*Paper and paper products*	106	11,707	11,688	370,662	7,057,683
342	*Printing, publishing and allied industries*	366	16,819	16,610	511,193	3,224,579
351	*Industrial chemicals*	89	9,086	9,079	504,933	11,224,018
352	*Other chemical products*	206	24,799	24,761	1,876,742	19,697,365
353	*Petroleum refineries*	4	2,451	2,451	432,829	42,663,394
354	*Miscelleneous products of petroleum and coal*	7	382	382	11,878	275,797
355	*Rubber products*	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 establishments	Employment (ave. for the year) Total	Employment (ave. for the year) No. of paid employees	Total compensation	Total receipts
356	*Plastic products, n.e.c.*	162	13,381	13,340	347,640	3,853,597
361	*Pottery, china and earthenware*	22	3,624	3,590	100,478	480,204
362	*Glass and glass products*	21	5,115	5,109	287,807	2,272,317
363	*Cement*	15	4,922	4,922	249,317	4,009,014
369	*Other non-metallic mineral products*	131	7,779	7,639	179,939	1,241,314
371	*Iron and steel basic industries*	99	14,383	14,376	581,360	13,958,740
372	*Non-ferrous metal basic industries*	22	2,578	2,574	100,235	6,886,158
381	*Fabricated metal products, except machinery and equipment, furniture and fixtures primarily of metal*	258	18,358	18,197	468,931	3,740,892
382	*Machinery except electrical*	299	12,634	12,419	343,090	2,163,633
383	*Electrical machinery, apparatus, appliances and supplies*	151	43,372	43,343	1,786,367	18,133,671
384	*Transport equipment*	145	11,708	11,648	372,520	3,429,732
385	*Professional and scientific and measuring and controlling equipment, n.e.c. and photographic and optical instrument*	11	3,174	3,172	79,470	152,876
386	*Furniture and fixtures primarily of metal (including repairs)*	23	687	680	12,907	52,334
390	*Other industries*	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				Miscellaneous		
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				Textiles		
1,926	35,382	104	213	48,328	1,356,498	85,024
2,262	57,788	539	537	86,860	3,023,318	333,637
–	–	–	–	–	–	–
3,448	80,256	3,614	3,514	94,258	4,027,203	417,027
3,662	98,838	3,412	3,542	115,439	5,338,321	322,277
3,976	144,243	6,388	4,441	139,619	7,531,633	1,078,414
4,352	171,768	9,660	4,470	136,271	8,176,850	1,008,010
3,940	170,980	2,520	4,471	135,486	8,936,682	614,990
4,175	181,196	2,586	4,361	309,789	9,391,198	521,723
3,623	180,213	1,545	323	85,830	7,819,730	354,782
2,750	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				Furniture & fixtures		
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
All manufacturing establishments	15,887	19,522	31,248	47,552	53,859	67,826	119,718
Food	3,870	4,834	9,210	14,516	12,676	17,623	27,646
Beverages	845	1,017	1,250	1,762	2,440	3,925	4,180
Tobacco	884	995	1,506	2,149	2,254	3,190	4,146
Textiles	1,108	1,441	2,619	3,490	4,272	5,154	8,605
Footwear & wearing apparel	281	336	345	431	1,006	1,406	12,627
Wood and cork	660	796	1,227	1,281	1,875	1,742	4,280
Furniture and fixtures	56	67	141	194	293	410	945
Paper	509	607	1,064	1,578	2,002	2,498	4,156
Printing	307	355	505	667	624	1,003	1,560
Leather	33	37	56	60	84	94	161
Rubber	404	378	563	806	847	969	1,902
Chemicals	2,174	2,872	3,299	4,669	5,320	6,455	10,566
Petroleum and coal	1,374	1,758	2,520	6,315	8,720	8,274	14,245
Non-metallic mineral	468	697	1,102	1,657	1,642	1,799	1,039
Basic metal	901	781	1,923	2,276	2,828	2,748	4,575
Metal product	508	678	1,137	1,290	1,376	1,998	3,103
Machinery except electrical	114	130	333	628	534	643	1,098
Electrical machinery	517	636	818	1,215	1,422	2,477	3,795
Transport equipment	628	868	1,178	1,878	2,406	3,386	5,302
Miscellaneous	246	239	452	690	1,235	264	653

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	122.7	133.2	119.1	99.3	155.0	148.2	83.3	126.8
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	160.0	171.9	126.5	121.1	199.5	180.1	115.1	179.4
September	157.5	158.2	133.2	101.8	190.5	195.3	107.4	128.4
October	148.6	136.7	124.7	102.9	183.1	182.0	99.3	156.0
November	156.4	152.9	129.3	103.4	193.3	172.7	122.1	182.7
December	161.4	170.1	144.0	120.0	172.9	210.6	72.5	200.0
1989								
January	158.1	157.0	186.9	128.2	147.9	155.1	93.3	189.9
February	163.8	161.9	132.0	100.7	156.4	173.4	107.9	165.5
March	171.4	160.1	142.5	103.2	143.0	187.2	96.2	158.3
April	183.1	167.0	148.4	115.2	192.2	189.8	113.6	192.9
May	180.3	162.5	157.4	115.4	189.9	198.5	116.3	197.3
June	188.3	170.1	150.8	147.3	201.9	220.3	113.7	247.8
July	189.0	161.7	140.3	118.8	215.4	243.6	113.1	200.0
August	196.1	154.0	149.1	133.3	233.7	237.6	118.7	213.9
September	193.2	161.2	143.2	107.6	222.8	260.5	128.3	197.7
October	195.1	176.2	152.0	112.2	209.4	241.0	139.1	156.9
November	197.3	180.6	166.1	107.0	194.7	238.1	106.9	187.5
December	176.5	156.6	167.0	96.9	174.3	257.8	105.1	223.3
1990								
January	185.8	162.9	169.6	106.0	178.2	217.8	99.6	208.0
February	196.2	178.1	161.3	102.6	207.7	270.2	118.8	233.0
March	208.3	187.3	192.0	121.4	233.7	220.3	149.5	275.5
April	175.0	152.3	170.3	87.2	194.8	181.9	143.3	206.8
May	183.7	164.4	187.1	125.0	208.1	197.2	152.7	210.3
June	195.0	160.4	177.8	122.3	174.6	219.9	154.2	226.6

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1990 = 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleu Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Miscella-neous
127.1	96.3	129.3	82.1	121.4	136.9	226.3	133.2	88.0
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	121.4	171.5	77.0	147.4	200.5	464.4	183.7	37.5
137.4	111.1	149.8	77.4	175.0	194.1	494.1	179.9	35.2
125.8	98.1	142.1	76.2	152.7	195.5	520.6	167.1	31.4
130.1	112.0	146.9	63.4	159.6	201.6	574.4	179.9	45.9
122.6	127.9	123.5	73.7	159.6	212.7	556.5	167.9	26.7
161.8	109.9	135.8	75.5	154.7	242.9	607.7	148.6	36.2
164.8	114.0	143.4	56.6	147.3	253.9	678.9	180.8	41.5
181.4	117.8	134.6	70.5	167.1	276.8	700.8	191.0	40.2
184.1	119.1	152.2	74.2	171.3	284.0	834.3	180.0	39.8
180.0	117.4	141.2	91.1	167.2	302.7	753.7	150.0	39.2
188.8	134.9	164.7	81.9	173.8	322.7	713.2	186.3	46.5
197.2	130.6	172.5	82.6	160.8	290.4	789.6	186.4	49.1
210.1	134.3	186.3	81.4	181.5	313.3	918.2	174.6	47.0
206.7	127.3	173.9	70.5	173.8	302.1	902.8	171.7	49.1
208.1	131.4	170.8	61.0	174.6	313.6	937.3	167.9	41.6
222.1	129.9	156.9	91.9	184.3	299.5	901.3	157.2	42.6
196.6	126.2	138.9	106.2	165.8	255.5	614.1	145.8	38.0
215.3	127.4	150.3	106.3	196.4	259.2	798.7	147.5	48.9
196.3	134.2	170.9	92.3	200.4	278.0	841.2	156.9	47.1
198.4	127.8	144.6	113.4	211.0	266.8	956.9	173.7	53.1
193.2	130.9	123.6	115.6	187.4	264.3	564.5	150.3	36.6
202.7	111.1	154.5	100.1	196.9	267.2	712.1	158.4	48.6
222.5	137.6	161.3	95.1	201.7	257.5	856.9	199.9	44.4

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	100.2	99.9	92.0	99.8	112.6	114.4	64.8	102.4
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	109.4	108.9	114.9	102.2	116.4	124.1	65.5	124.0
September	110.4	109.8	115.2	95.4	120.3	125.2	65.2	124.1
October	110.8	110.4	117.9	96.4	122.5	126.2	65.7	119.0
November	112.5	115.5	119.9	96.8	122.3	129.5	65.8	120.0
December	113.2	116.3	119.8	95.8	120.8	130.5	66.3	125.3
1989								
January	113.6	117.8	115.5	97.6	121.3	129.6	65.9	130.3
February	113.9	120.2	113.5	97.6	121.4	127.3	64.7	129.0
March	114.8	122.2	119.1	99.0	120.4	125.2	63.8	148.4
April	115.6	121.8	115.5	102.2	128.5	128.5	64.1	148.3
May	116.3	119.5	116.2	102.3	121.9	129.3	64.1	154.5
June	116.8	119.5	116.6	102.1	121.1	132.5	63.2	152.4
July	117.2	119.9	116.4	98.2	122.2	132.0	62.2	156.1
August	116.3	119.8	117.0	95.8	122.3	130.6	62.1	121.2
September	116.1	117.3	117.8	96.2	123.2	131.9	62.1	113.8
October	116.2	119.8	118.6	96.2	122.4	132.1	59.1	112.7
November	116.0	122.0	119.6	95.7	119.8	131.0	58.5	113.2
December	115.4	122.3	119.8	95.5	120.0	130.9	57.5	110.5
1990								
January	115.9	121.8	121.2	95.3	123.3	124.9	57.2	142.9
February	116.1	122.0	121.3	95.5	122.8	123.8	56.9	144.7
March	115.5	120.8	120.9	97.9	121.0	120.9	58.6	146.8
April	115.6	120.9	120.5	98.9	119.8	121.8	58.2	146.8
May	115.7	120.4	120.4	101.7	120.6	121.8	58.5	147.4
June	115.5	121.3	120.5	100.5	119.4	122.6	58.5	143.0

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1990 = 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleu Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Miscella-neous
99.5	106.7	109.5	95.3	118.9	107.4	127.7	63.9	91.2
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	111.5	108.3	95.2	127.4	111.7	200.7	83.1	23.6
103.3	111.8	108.7	95.1	126.7	110.2	206.5	82.2	16.0
101.5	111.9	108.9	95.4	130.5	110.0	209.6	82.5	14.4
102.8	112.1	109.2	96.0	132.4	110.2	211.2	82.9	15.3
105.8	112.9	109.1	96.5	133.8	111.8	215.4	82.3	15.3
105.4	114.2	112.2	96.7	133.0	113.2	219.0	82.4	15.5
106.8	113.7	112.2	96.3	140.4	113.3	222.3	81.4	14.9
105.7	110.9	112.4	96.4	142.6	114.3	224.4	83.9	15.7
107.3	109.9	112.1	96.1	146.2	114.3	228.0	84.7	15.7
107.8	112.4	113.1	96.0	147.9	116.2	237.0	85.0	14.2
108.6	111.3	111.9	96.5	148.9	116.2	244.7	85.3	14.4
109.4	111.0	114.8	95.5	148.2	116.5	250.7	86.0	14.1
117.2	111.1	115.1	97.4	142.9	115.9	259.2	86.5	14.2
110.9	111.1	113.7	93.9	149.3	117.2	264.0	85.4	13.2
111.7	111.4	113.6	95.0	151.3	117.6	263.3	85.2	13.2
110.7	110.2	113.6	94.7	152.4	117.2	265.4	85.0	13.3
111.7	110.4	112.1	94.5	142.9	117.1	263.2	84.6	13.6
108.4	110.5	100.9	95.9	146.2	119.8	264.7	84.5	13.8
108.9	111.5	98.6	95.0	150.6	119.7	269.2	84.8	13.8
109.7	111.8	91.4	93.9	151.7	120.1	266.4	85.5	14.2
109.9	111.4	90.5	93.5	152.2	119.3	269.9	87.3	13.4
109.9	110.5	95.7	93.3	151.8	119.0	268.1	87.0	13.2
110.7	110.2	95.9	92.9	149.5	118.3	266.8	87.2	13.1

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	134.4	117.1	163.7	121.2	150.3	131.2	105.6	123.0
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	167.2	229.1	150.1	182.4	169.2	103.8	148.7
September	178.8	177.5	242.7	153.4	178.4	175.2	100.5	148.1
October	178.8	178.5	243.4	137.8	184.1	177.8	104.3	156.1
November	192.6	199.4	297.8	150.4	194.6	183.4	96.9	169.0
December	256.0	268.5	322.7	261.9	250.6	215.5	189.6	196.6
1989								
January	187.1	205.2	251.6	146.9	166.1	197.2	104.2	179.5
February	182.3	192.9	253.3	147.0	178.8	172.8	95.9	162.2
March	194.6	195.3	259.8	167.9	183.5	168.6	93.1	183.4
April	204.9	214.0	327.3	161.7	196.0	182.7	100.3	201.4
May	208.5	213.5	273.4	163.8	194.2	174.3	96.8	184.2
June	203.8	207.8	299.6	177.0	189.7	195.2	95.8	200.9
July	219.1	200.5	271.8	204.9	224.3	231.2	106.8	211.4
August	237.7	219.2	288.8	209.7	247.5	249.1	123.6	187.8
September	232.0	220.5	287.3	177.2	245.4	240.6	129.5	166.6
October	230.9	234.9	292.1	167.8	234.0	227.1	121.7	169.0
November	244.2	248.1	287.1	170.1	240.5	228.8	114.3	171.1
December	311.7	322.8	588.0	281.4	278.1	265.5	137.5	195.1
1990								
January	236.2	222.8	458.8	169.3	237.2	239.2	111.0	212.2
February	225.3	207.0	270.8	184.1	250.2	238.7	101.1	202.2
March	231.1	214.7	283.8	194.0	257.0	232.6	106.7	229.2
April	242.9	245.1	397.4	156.1	261.8	233.2	113.5	221.3
May	252.0	249.7	400.2	212.8	257.0	236.4	114.4	211.5
June	251.8	232.7	401.0	191.2	245.0	261.7	124.6	223.6

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

MANUFACTURING ENTERPRISES BY INDUSTRY, 1987 to 1990
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleu Products	Non-metallic mineral Products	Basic metals	Transport equipment	Electrical Machinery	Miscella-neous
134.6	145.1	138.9	123.9	148.6	150.2	174.1	103.9	99.9
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	174.5	174.2	127.4	201.6	203.6	271.3	163.1	24.3
160.8	172.8	163.0	125.9	197.2	177.7	328.0	173.7	15.4
164.4	184.8	184.3	128.8	193.9	195.5	282.9	150.9	14.4
175.4	181.3	162.5	150.5	229.3	220.8	304.5	171.5	16.0
203.1	236.1	251.7	187.2	273.3	196.0	584.1	215.1	30.3
148.6	194.0	159.2	127.8	213.5	187.0	301.9	173.4	17.7
143.3	190.2	152.3	142.8	200.2	185.4	325.1	162.5	16.3
144.1	191.4	150.0	149.7	219.1	198.2	477.1	170.8	16.3
189.5	193.3	168.2	152.3	243.9	210.5	375.0	177.0	16.8
150.9	246.9	172.4	150.9	246.2	218.2	406.6	192.0	17.5
172.8	196.1	165.2	141.8	256.6	219.2	370.2	188.9	17.5
162.9	235.5	203.5	145.9	262.2	231.8	414.7	196.0	18.7
179.3	210.7	245.6	141.7	274.3	268.3	555.1	205.0	19.4
180.5	206.0	213.7	139.1	287.2	264.1	507.6	200.0	21.3
174.8	209.1	201.8	145.5	281.6	257.0	498.0	212.0	18.5
183.4	245.6	202.5	162.1	281.0	265.7	560.1	238.3	19.4
292.5	279.6	314.4	198.7	350.4	288.5	651.1	248.2	35.5
174.9	215.5	154.1	150.1	261.4	262.3	455.6	202.6	20.0
170.2	222.0	154.6	143.6	266.4	261.8	481.4	204.0	19.8
174.7	221.1	134.1	162.1	283.3	307.4	461.7	213.1	20.1
174.5	216.8	125.8	153.2	390.9	267.0	414.5	217.3	19.4
175.9	243.8	161.2	157.8	269.6	293.4	539.5	217.7	20.0
182.3	226.3	164.4	233.6	290.6	274.3	555.3	233.3	20.1

Table 6.8 – VALUE OF MINING
(In thousand

Year	Total all minerals	Precious metals			
		Sub-total	Gold metal	Silver metal	Palladium and platinum metal
1955	167,890.0	44,713.8	43,860.1	853.7	–
1960	274,245.8	60,030.9	57,987.5	2,043.4	–
1965	508,174.4	86,837.6	82,582.9	4,254.7	–
1970	1,721,123.0	146,103.9	130,349.5	15,500.4	254.0
1971	2,008,611.3	169,909.1	151,603.1	17,799.0	507.0
1972	2,245,093.4	246,545.1	225,172.7	18,080.0	3,292.4
1973	3,533,765.4	391,489.3	359,961.6	28,385.5	3,142.2
1974	4,501,099.3	608,882.7	554,014.6	52,128.1	2,740.0
1975	3,950,612.5	626,267.5	575,132.3	49,999.6	1,135.6
1976	4,422,956.3	489,894.3	445,908.5	43,985.8	–
1977	5,262,761.4	636,352.3	586,913.5	49,438.8	–
1978	5,804,233.1	857,161.9	798,859.9	58,302.0	–
1979	8,478,488.9	1,313,686.8	1,180,406.0	133,280.8	–
1980	12,820,536.7	3,053,118.7	2,784,866.7	268,252.0	–
1981	11,879,139.6	2,794,754.3	2,642,455.5	152,298.8	–
1982	11,301,745.4	2,773,134.3	2,651,336.5	121,797.8	–
1983	13,640,597.8	4,039,018.2	3,821,872.8	217,145.4	–
1984	17,522,377.1	4,971,709.7	4,772,591.1	199,118.6	–
1985	20,986,624.8	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	–
1988	21,760,373.0	9,067,012.0	8,841,464.0	225,548.0	–
1989	21,926,988.0	8,077,947.0	7,887,767.0	190,180.0	–

PRODUCTION: 1955 to 1989
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	–	–
8,560,859.0	298,503.0	7,952,916.0	–	–
9,352,992.0	573,362.0	7,879,905.0	–	–

Table 6.8 – VALUE OF MINING
(In thousand

Year	Manganese ore	Molybdenum metal	Nickel metal	Pyrite cinders ore	Quick silver metal	Zinc metal
	Base metals					
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
1988	846.0	–	293,857.0	–	–	14,737.0
1989	310.0	–	876,010.0	–	–	23,405.0

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 1989 (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
2,715,427.0	877.0	1,028,479.0	1,206,861.0	442,872.0	36,338.0	1,417,075.0
3,619,942.0	980.0	1,074,313.0	2,053,660.0	441,231.0	49,758.0	876,107.0

Figure 6.1 Index of Value of Production by Key Manufacturing Enterprises, 1988 to 1990 (1985 = 100)

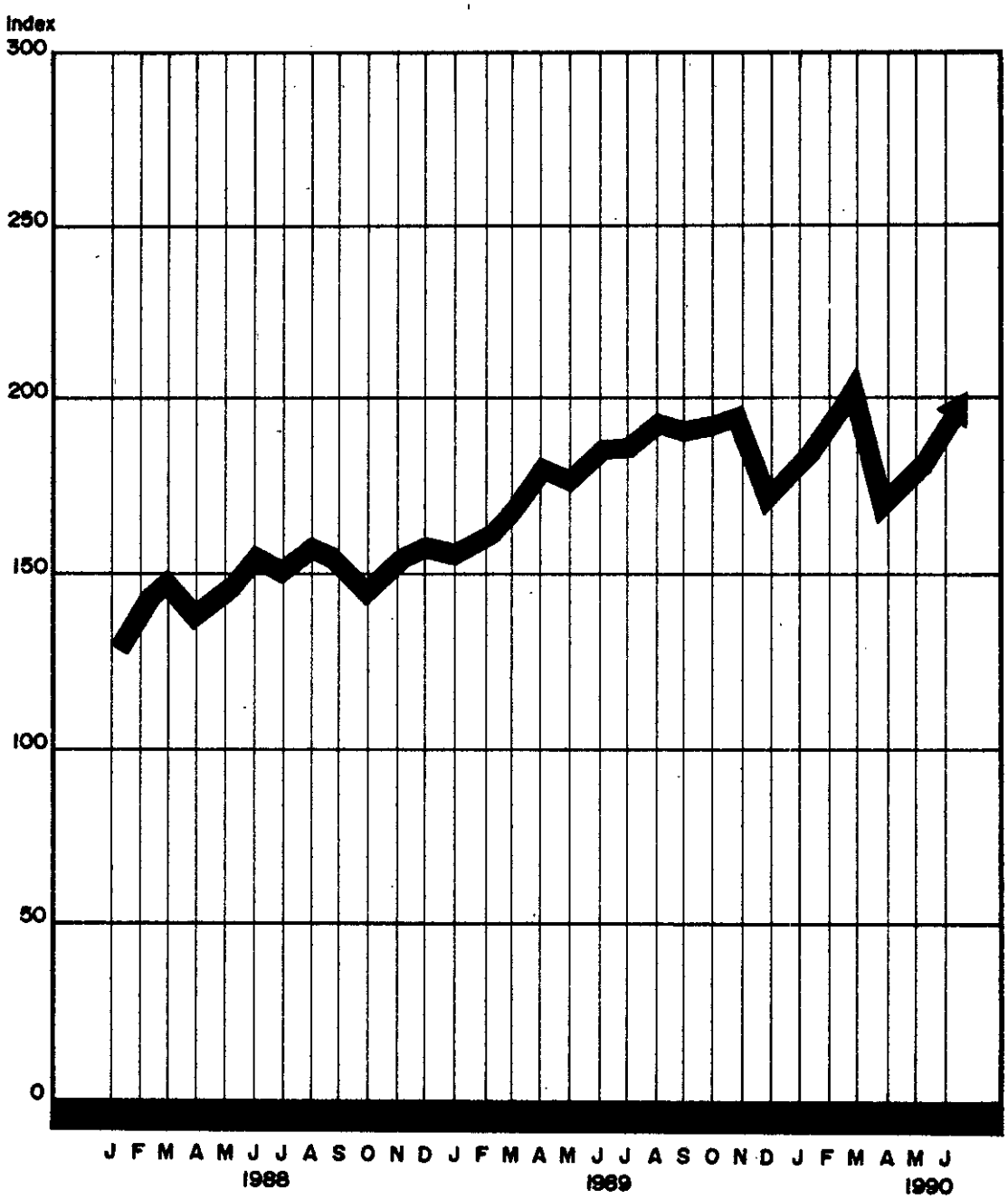


Table 6.9 – MINING PRODUCTION: 1955 to 1989
(In thousand units)

Year	Precious metals			Base metals [1]		
	Gold metal (kg)	Silver metal (kg)	Platimum & 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	32.8	53.4	...	188.6	214.1	–
1988	30.5	54.6	...	165.7	216.5	–
1989	30.6	48.0	...	379.5	1,996.4	–

Table 6.9 – MINING PRODUCTION: 1955 to 1989 (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	–	...
1988	–	2.2	–	10.4	–	...
1989	–	1.3	–	18.1	–	...

Table 6.9 – MINING PRODUCTION: 1955 to 1989 (continued)
(In thousand units)

Year	Zinc metal (mt)	Non-metallics 3				
		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	482.8
1984	2.2	0.6	1,216.4	14,583.9	401.0	511.8
1985	1.9	0.3	1,258.9	11,134.6	421.1	439.0
1986	1.6	13.1	1,235.5	12,481.8	442.1	246.0
1987	1.1	16.3	1,169.2	13,782.7	466.4	213.4
1988	1.4	2.2	1,335.7	14,842.3	492.1	196.8
1989	1.3	2.5	1,342.9	14,990.2	479.6	309.8

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 (18.4m.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	36,723	4,036	2,286,845	23,216	2,053
1978	26,828	4,142	2,963,098	14,909	1,830
1979	41,717	6,204	5,224,919	21,753	2,689
Metropolitan Manila Area (National Capital Region)	11,758	2,804	2,906,933	7,197	1,219
Region 1	2,321	247	196,898	1,092	119
Region 2	1,336	137	95,884	480	48
Region 3	3,116	433	321,993	2,058	202
Region 4	4,001	638	452,282	2,384	227
Region 5	1,183	173	134,133	545	61
Region 6	2,379	254	173,081	1,249	121
Region 7	3,246	301	187,479	1,468	173
Region 8	1,347	139	85,731	741	71
Region 9	1,937	211	130,334	807	86
Region 10	2,659	301	171,872	1,195	127
Region 11	4,869	413	277,218	1,781	167
Region 12	1,565	153	101,083	756	68

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1989
area in thousand square meters)

	Non-residential			Additions, alterations and/or repairs		
Value	Number	Floor area	Value	Number	Floor area	Value
202,235	4,631	...	232,264	4,616	...	44,713
197,745	1,854	904	179,173	4,591	279	43,230
230,248	1,897	909	175,545	3,873	219	37,254
263,505	2,419	1,057	224,183	4,651	215	42,123
296,737	3,079	1,005	228,730	6,633	323	63,961
354,130	2,970	1,233	543,556	5,024	285	99,282
723,164	3,395	1,714	1,316,066	5,021	331	135,645
931,289	6,517	2,104	1,218,561	8,871	559	220,378
939,276	4,817	1,571	857,259	8,690	416	490,310
1,154,953	3,981	1,920	1,419,724	7,938	394	388,422
2,107,189	5,342	2,820	2,571,992	14,622	695	545,738
1,165,661	1,192	1,233	1,431,316	3,369	352	309,956
77,047	238	99	97,801	991	29	22,050
29,519	261	80	59,272	595	9	7,095
135,462	590	211	132,389	468	20	54,143
165,178	498	380	262,863	1,119	31	24,238
37,262	226	97	85,049	412	15	11,822
74,672	487	113	84,670	643	20	13,739
104,936	222	84	52,194	1,556	44	20,347
39,653	200	57	38,232	406	11	7,845
54,310	259	90	59,859	871	35	16,167
65,426	398	134	86,652	1,066	40	19,793
115,088	591	180	132,672	2,497	66	29,458
42,975	180	62	49,023	629	23	9,085

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

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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1989 (continued)
area in thousand square meters)

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

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

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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1989 (continued)
area in thousand square meters)

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

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

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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1989 (continued)
area in thousand square meters)

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

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

Year/Region	Total			Residential	
	Number	Floor area	Value	Number	Floor area
1986	31,170	4,024	6,531,455	19,582	2,105
Metropolitan Manila Area (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
1987	41,712	5,951	11,123,989	27,809	3,118
Metropolitan Manila Area (National Capital Region)	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

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1965 to 1989 (continued)
area in thousand square meters)

	Non-residential			Additions, alterations and/or repairs		
Value	Number	Floor area	Value	Number	Floor area	Value
3,317,094	3,645	1,583	2,325,005	7,943	338	889,359
1,580,598	1,115	593	992,178	3,559	223	542,232
201,368	272	94	129,555	562	14	44,558
23,959	104	34	47,698	51	0	2,151
264,320	295	124	191,959	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	95,085	204	5	32,154
154,580	254	86	100,646	668	17	36,203
48,489	184	96	161,070	192	2	16,765
39,277	93	24	25,956	187	2	7,141
154,879	221	56	70,488	585	6	22,357
182,302	312	102	138,038	643	13	37,463
38,062	128	126	111,342	428	6	13,513
5,832,042	4,082	2,214	3,761,346	9,399	463	1,183,625
3,061,513	1,253	1,151	2,163,590	3,921	273	759,437
276,292	281	95	153,640	428	18	57,477
37,878	83	39	57,258	86	1	8,399
538,064	307	172	251,875	292	15	51,711
880,668	514	210	372,987	658	29	59,545
80,025	104	29	50,173	74	4	12,405
179,056	174	55	83,949	214	7	30,661
240,073	343	144	178,599	735	22	46,465
64,841	122	33	50,822	191	2	8,649
52,560	85	25	44,828	189	4	6,658
108,731	287	92	107,457	1,021	35	58,051
263,820	373	122	180,598	1,034	22	54,432
48,521	156	47	65,570	556	31	29,735

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
1988	44,434	7,504	17,341,828	30,181	3,486
Metropolitan Manila Area (National Capital Region)	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
1989	44,971	9,992	30,105,858	31,219	5,272
Metropolitan Manila Area (National Capital Region)	13,663	5,706	21,344,280	9,475	3,104
Region 1	2,141	368	729,601	1,463	189
Region 2	617	103	180,873	362	42
Region 3	2,411	376	831,498	1,892	208
Region 4	10,970	1,299	2,993,620	9,585	838
Region 5	919	224	566,119	625	67
Region 6	1,712	305	626,917	1,172	142
Region 7	3,308	560	997,991	1,822	256
Region 8	935	117	197,486	558	58
Region 9	863	130	187,746	512	51
Region 10	2,613	247	464,279	1,316	117
Region 11	3,716	440	770,625	1,884	150
Region 12	1,103	117	214,823	553	50

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 1989 (continued)
area in thousand square meters)

	Non-residential			Additions, alterations and/or repairs		
Value	Number	Floor area	Value	Number	Floor area	Value
6,933,823	5,036	3,218	7,389,138	9,186	826	3,018,872
3,800,828	1,355	1,631	4,507,765	2,578	398	2,336,460
324,203	303	107	216,325	413	253	272,141
57,898	174	61	99,409	70	1	3,787
356,110	389	212	303,286	254	19	62,059
1,004,602	662	234	390,653	673	64	89,551
122,096	133	56	123,469	101	4	17,636
256,783	301	232	684,535	254	5	27,708
300,144	430	174	281,486	926	34	55,671
78,332	166	41	58,278	572	8	23,053
73,868	135	46	57,594	169	3	8,794
182,730	281	112	185,715	1,230	8	32,647
310,139	517	223	333,529	1,390	28	73,668
66,089	190	89	149,653	556	3	15,698
17,488,113	5,364	4,264	10,784,224	8,388	456	1,833,516
13,048,888	1,487	2,356	7,077,840	2,701	245	1,217,551
379,542	322	153	300,631	356	26	49,430
70,162	180	60	101,405	75	0	9,303
435,665	293	154	336,300	226	14	59,531
2,013,727	711	416	858,451	674	46	121,442
137,985	189	147	393,597	105	10	34,539
286,479	281	152	294,674	259	11	45,763
392,448	485	249	490,736	1,001	56	114,804
87,664	131	52	89,135	246	6	20,689
73,832	139	74	103,258	212	5	10,655
198,825	315	120	227,821	982	10	37,635
280,670	626	269	398,263	1,206	22	91,691
82,226	205	62	112,113	345	5	20,483

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
1989	10,454 [a]	8,098,108	9,099	17,277,036

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 1989
thousand pesos)

	Partnerships		Single proprietorships	
Initial paid-up capital	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	...	...
7,817,512	1,355	280,597	...	...

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
1983	1,747,841	107,592	14,470	233,492
Filipino	1,699,201	103,760	14,289	211,522
Chinese	11,337	660	–	5,682
American	5,993	270	107	3,052
Others	31,310	2,902	74	13,236
1984	1,148,589	119,425	74,785	218,635
Filipino	1,108,843	117,809	74,282	205,050
Chinese	8,983	205	125	5,400
American	4,567	204	250	1,241
Others	26,196	1,207	128	6,944
1985	2,068,960	128,211	23,012	455,576
Filipino	2,014,586	125,038	19,890	436,296
Chinese	10,781	823	402	4,857
American	9,066	1,281	2,650	1,099
Others	34,527	1,069	70	13,324
1986	1,587,893	154,131	26,426	254,043
Filipino	1,522,173	148,767	23,431	229,987
Chinese	11,015	2,432	107	3,368
American	22,154	1,290	234	10,583
Others	32,551	1,642	2,654	10,105
1987	3,205,411	235,228	64,080	786,331
Filipino	2,476,890	206,078	49,611	439,411
Chinese	46,313	4,547	2,991	26,435
American	21,060	1,117	837	9,340
Others	661,148	23,486	10,641	311,145
1988	5,895,429	229,250	89,357	1,293,930
Filipino	3,153,319	179,439	32,308	593,037
Chinese	327,198	12,210	580	116,976
American	48,820	2,043	8,526	15,212
Others	2,366,092	35,558	47,943	568,705
1989	8,098,909	258,300	211,017	1,902,297
Filipino	4,942,984	211,000	197,875	603,812
Chinese	413,832	10,449	767	199,191
American	141,580	5,592	526	49,665
Others	2,600,513	31,259	11,849	1,049,629

Source: Securities and Exchange Commission.

NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS AND BY KIND OF BUSINESS: 1983 to 1989

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
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
276,162	625	1,015,578	3,871,848	274,813	288,269
233,380	625	862,549	2,343,189	243,819	246,735
20,362	–	20,725	159,677	1,513	1,148
804	–	9,247	74,457	689	600
21,616	0	123,057	1,294,525	28,792	39,786

Figure 6.2 Value of Mining Production, 1980 to 1989

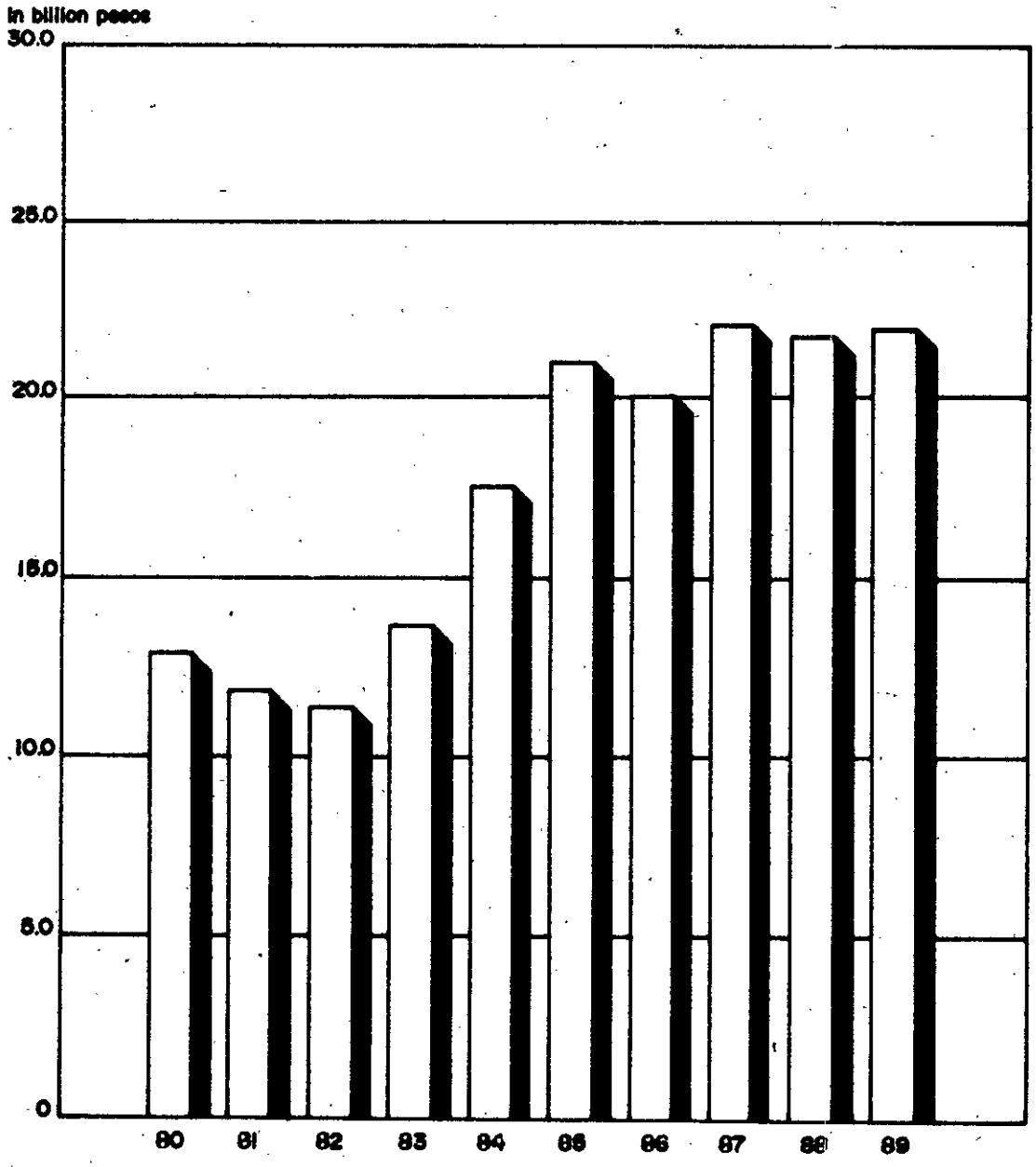


Table 6.13 – CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS AND PARTNERSHIPS, PHILIPPINES: 1955 to 1989

(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
1989	969	13,890.4	6	403.5	13,486.9

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	5,541,351	3,549,197	1,992,154	367,667	338,357
1982	6,661,716	4,478,972	2,182,744	536,286	189,880
1983	5,217,296	2,239,487	2,977,809	61,129	200,716
1984	6,114,279	2,213,759	3,900,520	147,746	1,309,047
1985	4,700,654	2,251,046	2,449,608	8,976	719,657
1986	3,146,278	1,552,528	1,593,750	97,114	662,582
1987	8,360,162	4,932,820	3,427,342	80,890	1,621,207
1988	16,944,582	7,421,166	9,523,416	175,849	5,347,449
1989	39,684,333	22,203,967	17,480,366	521,361	11,568,472

Source: Board of Investments.

UNDER E.O. 226 BY COUNTRY : 1970 to 1989
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
3,095,833	59,728	–	1,594,683	12,140	23,971	604,178

Table 6.15 – EQUITY INVESTMENTS IN PROJECTS

(In thousand

Industry	Total	Philippines		Foreign	
		100% wholly owned	In joint venture	100% wholly owned	In joint venture
January – December 1985					
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	–
January – December 1986					
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	–

APPROVED BY THE BOI UNDER E.O. 226: 1985 to 1989
pesos)

Industry	Philippines			Foreign	
	Total	100% wholly owned	In joint venture	100% wholly owned	In joint venture
January - December 1987					
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	-
January - December 1988					
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	-

Table 6.15 – EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226 : 1985 to 1989
(In thousand pesos)

Industry	Total	Philippines		Foreign	
		100% local	Joint local	100% foreign	Joint foreign
January – December 1989					
All industries	39,684,333	12,187,431	10,016,536	8,556,700	8,923,666
Agriculture	1,604,937	636,749	641,727	22,897	303,564
Fishery	838,924	393,697	125,982	200,125	119,120
Mining	3,140,078	966,957	1,379,037	46,658	747,426
Manufacturing	26,909,766	8,604,010	6,110,788	5,861,766	6,333,202
Energy-related projects	82,561	34,782	9,007	–	38,772
Public utilities	260,189	259,539	562	–	88
Export traders	54,266	19,184	223	21,312	13,547
Commerce (Others)	817,464	4,214	358,383	234,605	220,262
Service exporters	19,232	15,000	3,554	–	678
Tourism oriented projects	2,895,024	1,224,762	91,174	1,470,210	108,878
Service (Others)	1,369,244	21,537	411,234	633,833	302,640
Construction	19,100	–	12,645	1,200	5,255
Financial institution	2,500	–	1,750	–	750
Real estate	1,651,376	7,000	870,470	44,422	729,484
Regional headquarters	19,672	–	–	19,672	–

Source: Board of Investments.

7 FOREIGN TRADE: BALANCE OF PAYMENTS

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

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

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

Table 7.1	Foreign Trade of the Philippines: 1970 to 1989	7-4
Table 7.2	Direction of Trade: 1981 to 1989	7-6
Table 7.3	Philippine Exports by Major Commodity Groups: 1970 to 1989	7-8
Table 7.4	Total Exports and Ten Principal Exports: 1950 to 1989	7-10
Table 7.5	Imports by End-use: 1965 to 1989	7-14
Table 7.6	Philippine Trade Relations with the United States: 1905 to 1989	7-16
Table 7.7	Quantum, Price and Value Indices, Net Terms of Trade and Purchasing Power of Exports: 1950 to 1989	7-17
Table 7.8	Balance of Payments: 1975 to 1989	7-18

Figure 7.1	Quantum Index and Terms of Trade: 1980 to 1989	7-3
Figure 7.2	Balance of Payments: 1988 and 1989	7-13

Figure 7.1 Direction of Trade, 1981 to 1989

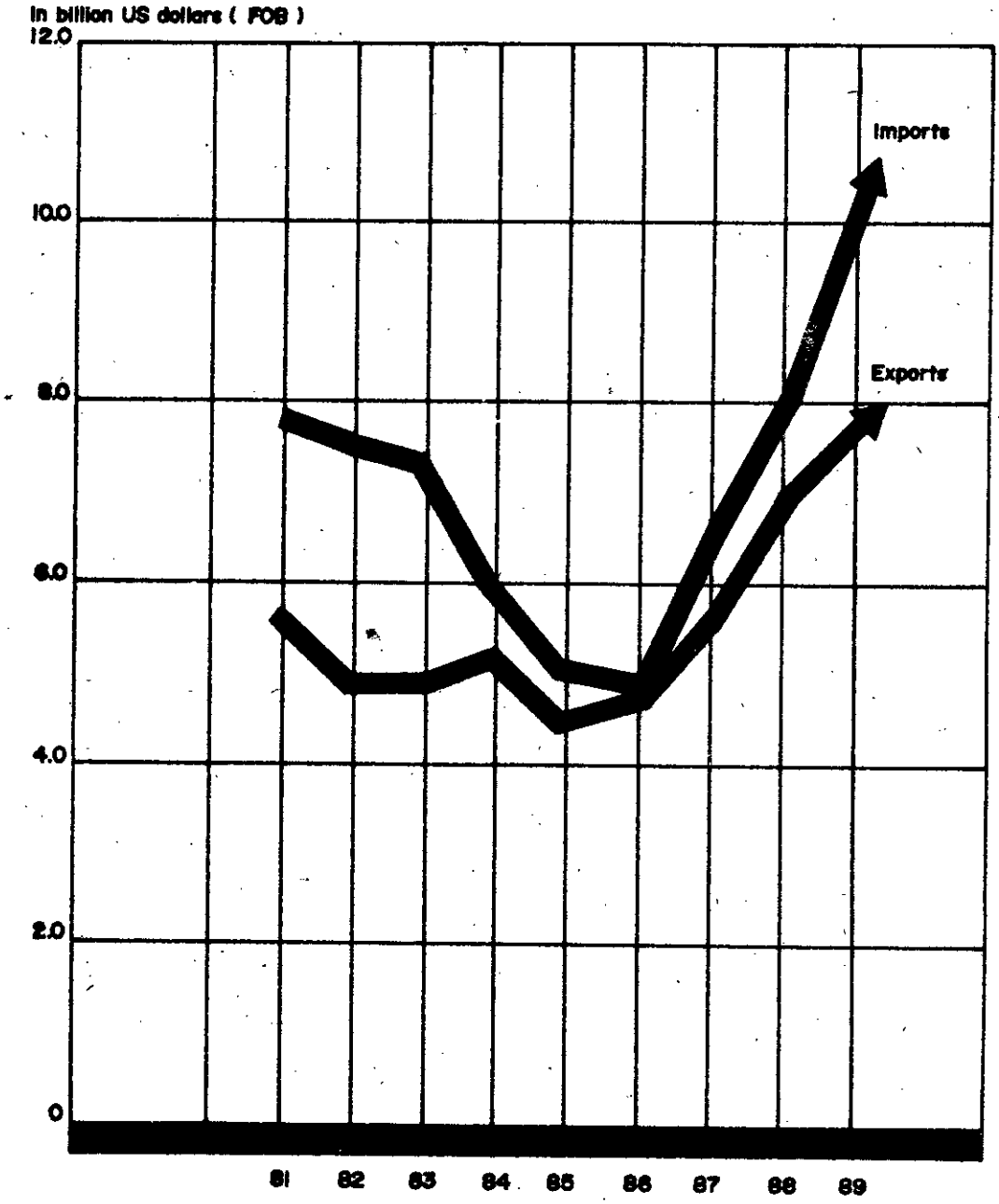


Table 7.1 – FOREIGN TRADE OF THE
(F.O.B. value in

Year	TOTAL TRADE	Exports[1] Value	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	7.860
1982	12,687.51	5,020.59	39.57	8.497
1983	12,491.92	5,005.29	40.07	11.049
1984	11,460.26	5,390.65	47.04	16.582
1985	9,739.62	4,628.95	47.53	18.586
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
1989	15,233.57	7,820.71	51.34	21.703

1 Sum of domestic exports and re-exports.

Sources: National Statistics Office and Central Bank of the Philippines.

PHILIPPINES: 1970 to 1989
million U.S. dollars)

Imports			Balance of trade
Value	Percent to total trade	Average exchange rate (P/U.S.$)	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	11.193	(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	20.403	(201.82)
6,736.97	54.08	20.565	(1,016.73)
8,159.38	53.56	21.065	(1,085.18)
10,418.82	68.39	21.738	(2,598.11)

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

All countries	1981		1982		1983		1984	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
Total	7,945,679	5,720,397	7,666,918	5,020,593	7,486,626	5,005,291	6,069,612	5,390,646
United States	1,784,597	1,576,261	1,699,138	1,576,261	1,739,106	1,799,570	1,629,439	2,002,629
Japan	1,494,114	1,145,507	1,532,022	1,145,507	1,266,000	1,015,036	814,544	1,042,697
European Economic Community	819,020	924,302	813,828	726,280	879,861	816,023	674,099	682,991
France	130,870	84,421	100,362	82,393	88,546	91,496	184,176	96,296
West Germany	315,670	240,253	331,859	202,764	354,865	199,170	192,828	182,452
Netherlands	77,441	319,642	85,699	189,942	75,841	225,587	52,474	124,273
United Kingdom	164,656	193,090	161,622	189,895	181,075	234,669	121,070	224,705
Italy	61,227	50,004	47,370	34,321	53,542	37,357	24,900	28,273
Others	69,156	36,892	86,916	26,965	125,992	27,744	98,651	26,992
Middle East Countries	1,694,271	99,446	1,455,982	90,300	1,451,540	78,575	977,025	66,714
Kuwait	415,705	3,056	288,678	8,705	286,471	7,051	382,442	8,077
Saudi Arabia	1,038,116	34,942	912,717	39,453	812,545	41,931	420,050	33,007
Bahrain	92,071	1,157	17,103	2,295	37	1,460	20	1,776
Others	148,379	60,291	237,484	39,847	352,487	28,133	174,513	23,854
ASEAN Countries	538,321	412,244	509,679	358,738	671,078	352,761	783,018	516,557
Brunei	b	b	b	b	b	b	54,901	509
Indonesia	224,360	153,624	142,880	54,984	171,421	30,147	201,629	8,348
Malaysia	177,588	104,073	118,680	177,767	154,650	162,495	363,112	177,982
Singapore	10,719	129,223	218,376	111,553	280,451	140,254	116,022	320,453
Thailand	26,654	25,324	29,743	14,434	64,556	19,865	47,354	9,265
Socialist Countries	212,166	257,164	232,498	231,108	154,636	123,179	231,590	117,886
People's Republic of China	194,517	78,225	206,327	105,205	122,151	29,392	220,256	60,186
U.S.S.R.	1,809	171,007	11,130	115,159	15,811	86,994	3,348	54,402
Romania	2,479	6	4,810	50	1,725	0	3,534	0
Other	13,361	7,926	10,231	10,694	14,949	6,793	4,452	3,298
Other Countries	1,403,190	1,036,278	1,424,771	892,399	1,324,406	820,147	959,897	961,172
Australia	212,618	121,677	218,180	89,474	171,473	76,179	127,162	89,606
Hongkong	215,558	221,721	210,650	197,865	256,695	170,711	234,258	232,429
South Korea	111,418	198,301	147,642	151,464	158,079	148,192	146,304	98,872
Taiwan	204,881	101,559	220,115	56,659	213,242	74,886	177,756	91,449
Canada	65,102	90,184	68,232	58,315	54,173	69,829	42,924	81,077
Others	593,613	302,836	559,952	338,622	470,744	280,350	231,493	367,738

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.

1981 TO 1989
U.S. dollars)

1985		1986		1987		1988		1989	
Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
5,110,673	4,628,954	5,043,597	4,841,780	6,736,969	5,720,238	8,159,378	7,074,190	10,418,821	7,821,082
1,273,288	1,618,261	1,252,817	1,651,697	1,485,276	1,976,191	1,715,032	2,432,431	1,978,990	2,796,273
734,508	874,635	868,258	851,084	1,121,166	981,492	1,421,309	1,420,374	2,043,224	1,585,856
424,990	630,769	568,682	913,990	781,872	1,089,243	1,039,542	1,248,918	1,171,928	1,326,143
71,829	86,978	82,155	111,461	126,040	125,801	121,454	165,309	165,995	152,154
141,856	174,806	220,346	241,602	281,640	292,709	320,334	297,886	408,287	334,855
42,280	145,210	71,311	246,647	91,927	310,554	127,634	316,051	203,112	329,224
102,923	167,104	108,872	230,062	150,516	246,343	161,347	327,649	170,817	328,600
31,684	28,536	23,405	24,738	35,260	35,493	112,493	40,066	67,041	47,980
34,418	28,135	62,593	59,480	96,489	78,343	196,280	101,957	156,676	133,330
634,274	71,435	501,676	96,649	833,629	99,687	793,251	101,874	1,009,956	123,625
220,151	5,951	105,050	4,719	315,862	8,217	182,166	6,702	172,272	8,937
268,340	39,130	218,479	44,043	212,606	56,627	111,231	49,137	250,839	57,099
2	1,229	3,138	1,142	6,021	1,273	1,080	1,537	1,057	1,663
145,781	25,125	175,009	46,745	299,140	33,570	498,774	44,498	585,788	55,926
754,003	530,752	440,785	351,410	687,398	507,301	754,042	491,718	930,186	531,499
14,635	490	13,054	577	51,357	452	34,069	367	47,424	551
184,736	18,280	128,328	27,933	89,253	65,425	84,069	27,165	157,826	56,182
369,705	173,767	145,992	97,975	267,940	119,222	249,125	116,893	150,272	98,993
134,457	250,099	124,394	157,628	232,246	196,611	335,120	223,949	492,550	220,795
50,470	88,116	29,017	67,297	46,602	125,591	51,659	123,344	82,114	154,978
300,865	93,795	136,426	125,041	253,402	116,067	281,443	103,033	325,794	91,603
276,085	79,793	110,686	104,689	205,562	87,950	242,282	66,802	221,105	50,235
11,363	3,270	14,557	15,424	13,759	26,700	22,486	21,941	18,601	25,897
5,759	0	1,416	3	8	0	0	0	17,111	10
7,658	10,732	9,767	4,925	34,073	1,417	16,675	14,290	68,977	15,461
988,745	779,871	1,274,953	851,910	1,574,224	950,257	1,579,209	926,063	2,111,303	942,090
159,007	80,546	145,008	69,170	201,804	88,790	282,782	110,601	347,331	124,338
197,653	187,378	257,929	222,481	312,072	279,209	373,863	346,368	481,130	304,784
203,678	71,671	170,059	112,243	198,247	107,798	330,899	160,548	422,859	175,246
177,909	86,099	279,663	123,666	372,430	144,388	510,738	200,834	701,799	210,298
30,856	73,961	37,403	68,882	84,468	83,382	80,927	107,712	158,184	127,424
219,642	280,216	384,891	255,468	405,203	246,690	575,550	349,779	847,440	423,993

Table 7.3– PHILIPPINE EXPORTS BY MAJOR COMMODITY

(F.O.B. value in million

Major commodity group	1970	1971	1972	1973	1974	1975	1976	1977
Total	1,142	1,189	1,168	1,837	2,725	2,294	2,574	3,151
Coconut products	212	254	228	374	609	466	540	761
Copra	81	114	110	166	140	172	150	201
Coconut oil	98	103	84	153	381	231	299	412
Desiccated coconut	19	21	18	32	60	30	37	90
Copra meal or cake	14	16	16	23	28	33	54	58
Sugar and sugar products	196	220	218	294	766	616	456	535
Centrifugal and refined sugar	188	212	211	274	737	581	429	512
Molasses	8	8	6	19	28	34	24	20
Others	*	*	1	1	1	1	3	3
Forest products	301	264	235	444	338	260	308	294
Logs	243	215	164	304	216	167	135	134
Lumber	13	11	10	35	30	27	68	67
Plywood	20	24	34	58	26	21	43	41
Others	25	14	27	47	66	45	62	52
Mineral products	224	224	239	374	518	332	371	501
Copper concentrates	185	185	191	290	393	212	266	268
Gold	...	8	27	40	74	76	65	71
Iron ore and concentrates	13	13	9	18	12	13	7	0
Chromite ore	9	6	5	9	13	13	15	25
Others	17	12	7	17	26	18	18	137
Fruits and vegetables	35	41	52	57	91	124	142	157
Pineapple products	22	20	21	23	35	41	52	64
Banana	6	15	24	28	45	73	76	72
Others	7	6	7	6	11	10	14	21
Abaca products	17	15	16	24	46	22	27	29
Abaca unmanufactured	15	13	13	20	38	15	18	18
Abaca rope	2	2	3	4	8	7	9	11
Tobacco products	15	15	18	27	31	35	29	29
Raw tobacco	14	14	17	26	30	34	28	28
Cigars and others	1	1	1	1	1	1	1	1
Mineral fuel and lubricants	17	24	19	16	17	37	34	37
Chemicals	5	6	6	10	15	21	26	51
Textiles	5	7	9	24	20	22	28	21
Miscellaneous manufactures and others	114	111	124	191	271	357	589	722
Re-exports	1	8	4	2	3	2	24	14

Source: National Statistics Office.

GROUPS: 1970 TO 1989
U.S. dollars)

1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
3,425	4,601	5,788	5,720	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821
908	1,024	811	750	590	680	727	459	470	560	577	532
136	89	47	34	49	4	–	–	18	32	28	25
621	742	567	533	401	516	580	347	333	380	408	376
82	107	116	102	68	88	106	76	44	75	78	78
69	86	81	81	72	72	41	36	75	73	63	53
216	240	657	609	445	321	327	189	108	78	83	103
197	212	624	567	416	299	290	169	87	60	60	80
16	27	33	38	25	17	33	16	16	10	14	23
3	1	0	4	4	5	4	4	5	8	9	
362	536	468	469	362	331	323	246	251	306	339	284
145	144	92	76	78	74	88	39	26	0.3	0.7	0.3
85	198	181	126	124	149	107	90	103	154	156	136
72	107	111	111	67	76	56	51	56	67	78	37
60	87	84	156	93	32	72	66	66	83	105	111
554	831	1,031	758	532	440	266	243	267	224	383	424
250	440	545	429	312	249	115	84	90	109	216	237
76	103	239	215	169	154	104	100	140	90	118	109
0	0	0	0	0	0	0	0	0	0	0	
25	23	33	25	15	10	19	12	10	7	13	18
203	265	214	89	36	27	28	47	27	18	36	60
177	214	365	378	374	327	392	354	346	382	418	180
74	96	97	101	107	102	115	128	128	136	130	24
86	100	114	124	146	105	122	113	130	121	146	146
17	18	154	153	121	120	155	113	88	125	142	10
25	38	31	25	26	25	37	31	35	47	41	28
15	25	27	21	20	18	33	16	13	12	16	18
10	13	4	4	6	7	4	15	22	35	25	10
30	33	30	50	49	35	31	28	26	23	26	26
29	32	29	48	47	33	28	24	21	18	19	17
1	1	1	2	2	2	3	4	5	5	7	9
30	42	38	42	33	115	87	42	66	97	153	118
59	112	89	107	96	87	104	151	243	245	256	279
31	39	33	69	56	25	38	39	44	68	71	88
1,011	1,463	2,198	2,453	2,449	2,586	2,934	2,807	2,874	3,558	4,647	5,689
22	29	37	10	9	33	125	40	112	149	80	70

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

Year	Value of exports			Copra		Sugar	
	Total	Ten principal	Others	Quantity	Value	Quantity	Value
1950	332,700	284,028	48,672	707,186	137,953	420,475	45,906
1955	419,260	337,026	82,234	804,838	118,680	926,796	106,296
1960	535,440	477,014	58,426	804,371	138,643	1,089,845	133,484
1965	795,740	632,460	163,290	883,495	170,004	1,017,485	132,439
1970	1,142,191	867,714	274,477	447,443	80,581	1,236,215	188,012
1971	1,189,250	917,607	271,643	692,464	114,040	1,344,677	212,348
1972	1,168,430	869,900	298,530	925,640	110,480	1,210,939	208,639
1973	1,837,188	1,359,329	477,859	734,431	165,764	1,470,337	273,966
1974	2,724,989	2,144,310	580,679	267,697	139,784	1,542,081	737,365
1975	2,294,470	1,618,680	675,790	761,147	172,318	927,217	580,736
1976	2,573,676	1,587,929	985,747	822,736	149,722	1,455,998	426,522
1977	3,150,887	1,899,985	1,250,902	634,636	200,525	2,418,990	511,708
1978	3,424,876	1,750,409	1,674,467	365,241	135,684	1,124,245	196,903
1979	4,601,190	2,232,393	2,368,797	144,743	89,128	1,150,296	211,553
1980	5,787,788	2,634,693	3,153,095	121,452	47,253	1,735,257	624,034
1981	5,720,397	2,315,000	3,407,157	108,313	33,634	1,222,041	566,560
1982	5,020,593	1,871,678	3,148,915	177,730	49,218	1,247,520	416,028
1983	5,005,291	1,729,728	3,275,563	16,125	4,441	962,761	299,345
1984	5,390,646	1,645,839	3,744,807	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
1989	7,821,082	1,401,204	6,419,878	79,415	25,188	187,132	79,978

PRINCIPAL EXPORTS: 1950 TO 1989
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
851,231	146,351	443,905	238,451	94,517	75,755	763,488	376,801

Table 7.4 – TOTAL EXPORTS AND TEN PRINCIPAL EXPORTS: 1950 to 1989
(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
1989	193,493	94,264	295,174	109,407	179,631	17,637	426,191	237,372

1 In thousand bd. ft.

2 In troy ounce.

Source: National Statistics Office.

Figure 7.2 Quantum Index and Terms of Trade, 1980 to1989

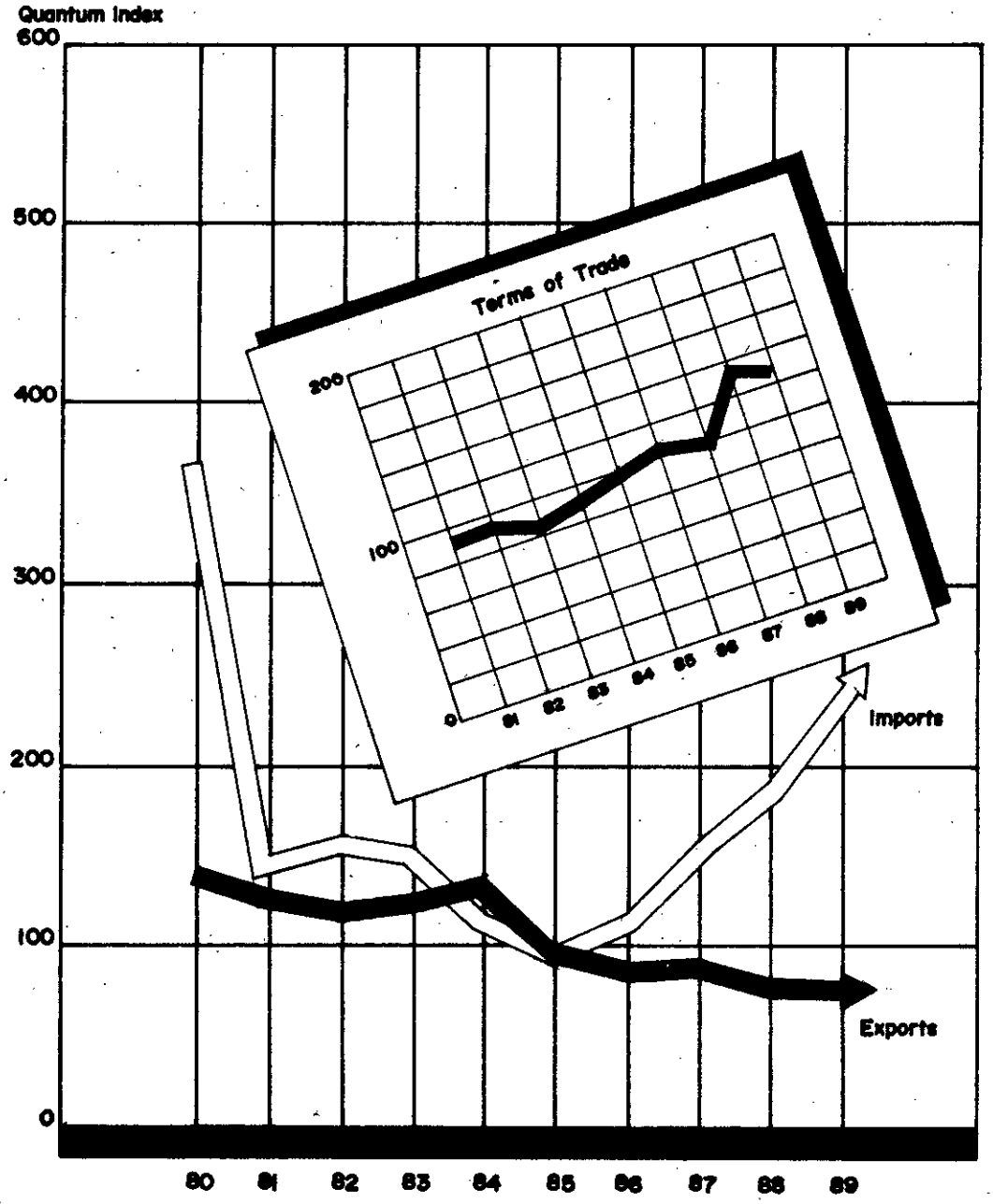


Table 7.5 – IMPORTS BY END
(F.O.B. value in

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
1989	10,418.8	9,731.4	1,105.8	1,791.8

Source: National Statistics Office.

USE: 1965 TO 1989
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
6,329.2	504.6	687.4	61.5	623.9

Table 7.6 – PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES 1905 TO 1989
(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
1989	7,820,713	2,796,273	35.8	10,418,821	1,978,990	19.0

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

Table 7.7 – QUANTUM, PRICE AND VALUE INDICES, TERMS OF TRADE AND PURCHASING POWER OF EXPORTS: 1950 TO 1989

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
1989	247.2	155.0	80.8	105.7	199.9	163.8	130.8	202.8

[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.

Table 7.8 – BALANCE OF PAYMENTS: (In million U.S.

Item	1975	1976	1977	1978	1979	1980
I. Current transactions						
A. Merchandise trade	(1,165)	(1,060)	(764)	(1,307)	(1,541)	(1,939)
Exports	2,294	2,574	3,151	3,425	4,601	5,788
Imports	3,459	3,634	3,915	4,732	6,142	7,727
B. Non-merchandise trade	(45)	(259)	(248)	(107)	(311)	(399)
Inflow	907	871	1,085	1,484	1,655	2,222
Outflow	952	1,130	1,333	1,591	1,966	2,621
C. Transfer (donations,etc.)	318	269	260	312	355	434
Inflow	329	280	273	322	369	451
Outflow	11	11	13	10	14	17
Current net inflow, total	(892)	(1,050)	(752)	(1,102)	(1,497)	(1,904)
II. Non-monetary capital						
D. Long-term capital	357	1,040	662	891	1,151	1,032
Inflow	677	1,407	1,242	1,850	2,110	1,579
Outflow	320	367	580	959	959	547
E. Direct investments	125	144	216	100	20	(102)
Inflow	152	185	236	134	146	119
Outflow	27	41	20	34	126	221
F. Short-term capital, net	70	(332)	(172)	(90)	(458)	310
Errors and omissions [3]	(181)	37	210	115	145	126
Non-monetary capital, total	371	889	916	1,016	858	1,366
G. Monetization of gold	–	–	–	32	41	128
H. Allocation of SDRs	–	–	–	–	28	29
I. Revaluation Adjustments	–	–	–	–	–	–
J. Unremittable Arrears	–	–	–	–	–	–
III. Overall surplus (deficit) [4]	(521)	(161)	(164)	(54)	(570)	(381)

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 1989
dollars)

1981	1982	1983	1984[1]	1985[1]	1986[1]	1987	1988	1989[2]
(2,224)	(2,646)	(2,482)	(679)	(482)	(202)	(1,017)	(1,085)	(2,598)
5,722	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821
7,946	7,667	7,487	6,070	5,111	5,044	6,737	8,159	10,419
(309)	(1,040)	(740)	(855)	26	783	0	(80)	303
2,896	2,983	3,127	2,619	3,288	3,791	3,454	3,592	4,586
3,205	4,023	3,867	3,474	3,262	3,008	3,454	3,672	4,283
472	486	472	236	379	441	573	775	830
485	498	483	237	388	445	575	778	832
13	12	11	1	9	4	2	3	2
(2,061)	(3,200)	(2,750)	(1,298)	(77)	1,022	(444)	(390)	(1,465)
1,332	1,548	1,392	539	2,787	815	159	(519)	379
2,072	2,533	2,336	1,308	3,962	2,545	2,598	2,412	2,811
740	985	944	769	1,175	1,730	2,439	2,931	2,432
175	17	112	(7)	(9)	114	326	986	854
248	194	255	121	124	186	439	1,077	972
73	177	143	128	133	72	113	91	118
(219)	(56)	(618)	623	(1,731)	(814)	80	(303)	(91)
(214)	(207)	(387)	251	638	(101)	144	479	385
1,074	1,302	499	1,406	1,685	14	421	643	1,527
400	277	183	150	221	279	365	314	388
27	–	–	–	–	–	–	0	0
–	–	–	–	88	(68)	(78)	83	101
–	–	–	–	560	–	–	–	–
(560)	(1,621)[a]	(2,068)	258	2,301	1,247	264	650	451

8 TOURISM

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

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

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

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

Table 8.1	Number of Visitor Arrivals by Nationality: 1955 to 1989	8-4
Table 8.2	Distribution of Visitor Arrivals by Country of Residence and Mode of Travel: 1988 to 1989	8-8
Table 8.3	Distribution of Air Visitor Arrivals by Major Travel Market and Age Group: 1980 to 1987	8-10
Table 8.4	Distribution of Air Visitor Arrivals by Major Travel Market and Purpose of Travel: 1989	8-12
Table 8.5	Distribution of Air Visitor Arrivals by Major Travel Market and Purpose of Travel: 1980 to 1989	8-14
Table 8.6	Estimated Tourist Receipts: 1970 to 1989	8-16
Table 8.7	Average Number of Rooms and Occupancy Rates of Hotels in Metro Manila by Hotel Category: 1978 to 1987	8-17
Table 8.8	Average Number of Rooms and Occupancy Rates of Hotels in Metro Manila by Hotel Category: 1988 to 1989	8-18

Figure 8.1	Number of Visitor Arrivals, 1980 to 1989	8-3
Figure 8.2	Tourist Receipts, 1980 to 1989	8-19

Figure 8.1 Number of Visitor Arrivals, 1980 to 1989

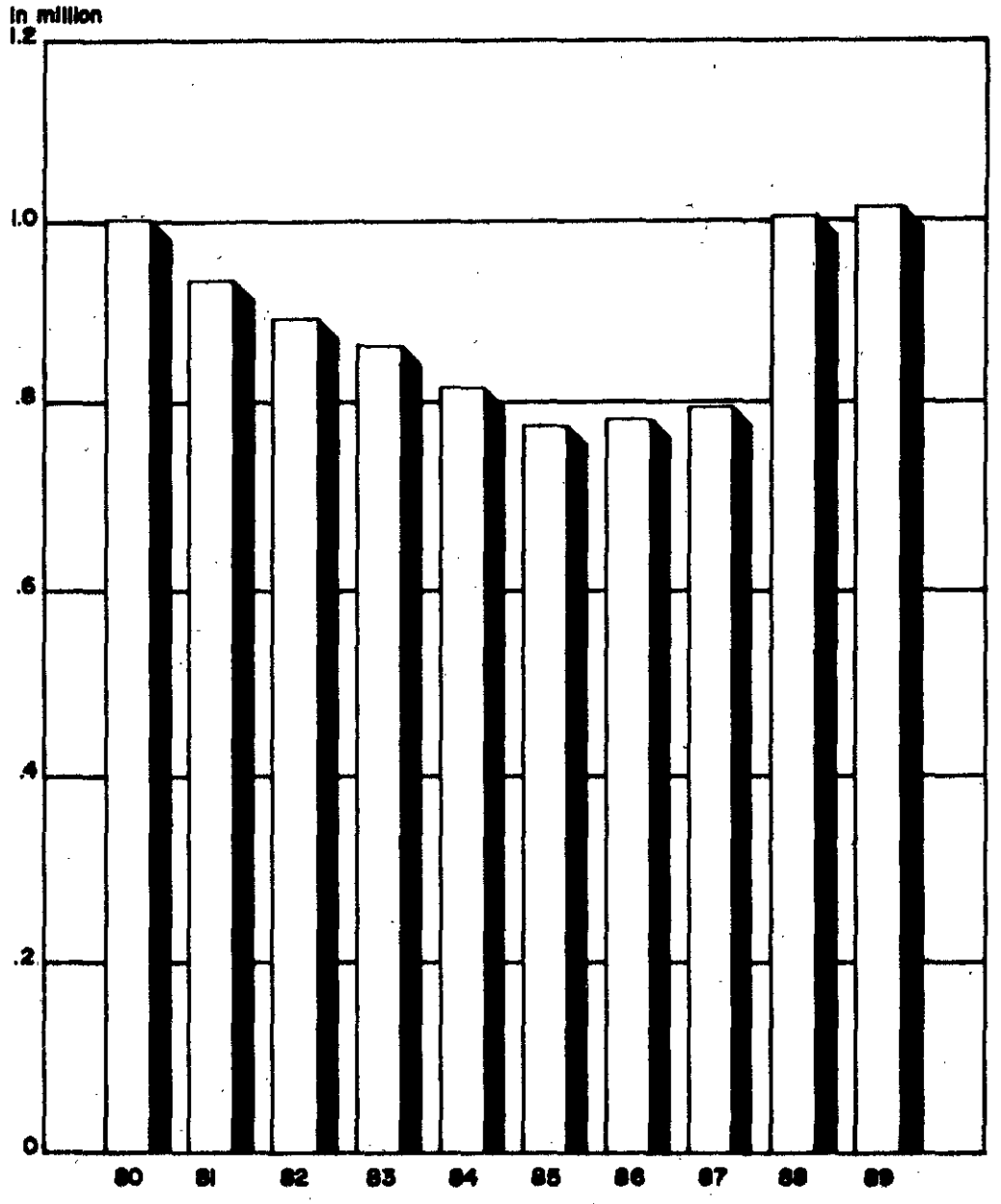


Table 8.1 – NUMBER OF VISITOR ARRIVALS

Year	Total		American		Australian	
	Number	Percent	Number	Percent	Number	Percent
1955	16,785	100.00	11,389	67.85	189	1.13
1960	50,657	100.00	23,627	46.64	4,139	8.17
1965	84,015	100.00	45,551	54.22	5,217	6.21
1970	144,071	100.00	69,476	48.22	12,388	8.60
1971	144,321	100.00	64,740	44.86	12,415	8.60
1972	166,431	100.00	62,583	37.60	12,891	7.75
1973	242,811	100.00	63,146	26.01	14,328	5.90
1974	410,138	100.00	54,489	13.29	20,245	4.94
1975	502,211	100.00	63,521	12.65	31,887	6.35
1976	615,159	100.00	93,007	15.12	36,076	5.86
1977	730,123	100.00	92,240	12.63	42,902	5.88
1978	859,396	100.00	121,521	14.14	50,124	5.83
1979	966,873	100.00	155,842	16.12	55,791	5.77
1980	1,008,159	100.00	166,522	16.52	68,339	6.78
1981	938,953	100.00	154,984	16.51	63,876	6.80
1982	890,807	100.00	172,167	19.33	61,801	6.94
1983	860,550	100.00	174,306	20.26	52,449	6.09
1984	816,712	100.00	185,529	22.72	48,257	5.91
1985	773,074	100.00	187,129	24.21	46,998	6.08
1986	781,517	100.00	194,413	24.88	45,048	5.76
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
1989	1,189,719	100.00	273,461	22.99	49,573	4.17

BY NATIONALITY: 1955 to 1989

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	7.96	132,848	17.00	70,938	9.08
76,338	9.61	122,961	15.47	72,750	9.15
118,151	11.33	180,350	17.29	111,705	10.71
114,809	9.65	213,995	17.99	120,561	10.13

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	16.16	77,392	9.90
1987	132,777	16.71	77,282	9.72
1988	181,203	17.37	96,037	9.21
1989	237,214	19.94	104,032	8.74

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

BY NATIONALITY: 1955 to 1989 (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	9.25	95	0.01
72,600	9.14	90	0.01
76,005	7.29	209	0.02
75,828	6.37	246	0.02

Table 8.2 – DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1988			1989		
	Total	Air	Sea	Total	Air	Sea
Grand Total	1,034,062	1,014,462	19,600	1,034,063	1,014,462	19,600
Asia	409,094	403,646	5,448	479,517	469,163	10,354
East Asia	389,722	384,625	5,097	465,742	455,946	9,796
China (PROC)	2,060	929	1,131	3,029	1,024	2,005
Hongkong	133,331	133,284	47	120,346	120,116	230
Japan	181,741	180,459	1,282	215,634	212,749	2,885
Korea	16,125	13,791	2,334	36,587	31,928	4,659
Taiwan	56,465	56,162	303	90,146	90,129	17
South Asia	19,372	19,021	351	13,775	13,217	558
Bangladesh	1,341	1,315	26	1,165	1,155	10
India	5,781	5,525	256	6,348	5,918	430
Pakistan	10,665	10,658	7	5,399	5,331	68
Sri Lanka	1,585	1,523	62	863	813	50
Asean	59,631	58,494	1,137	64,806	63,274	1,532
Brunei	2,382	2,334	48	2,456	2,422	34
Indonesia	7,250	6,695	555	7,994	7,319	675
Malaysia	16,336	16,097	239	17,201	17,019	182
Singapore	23,754	23,551	203	26,402	26,187	215
Thailand	9,909	9,817	92	10,753	10,327	426
North America	231,232	225,813	5,419	267,679	261,727	5,952
Canada	19,730	19,399	331	21,093	20,324	769
U.S.A.	211,502	206,414	5,088	246,586	241,403	5,183
Western Europe	109,822	106,217	3,605	120,664	115,332	5,332
Austria	3,360	3,275	85	3,619	3,503	116
Belgium	2,541	2,509	32	2,655	2,620	35
Denmark	3,398	3,249	149	3,320	3,267	53
Finland	1,200	1,095	105	1,103	1,089	14
France	8,004	7,959	45	9,543	9,496	47
Germany	27,399	26,667	732	30,045	29,297	748
Greece	1,064	689	375	1,828	682	1,146
Iceland	908	887	21	1,012	981	31
Italy	7,415	7,292	123	8,869	8,340	529
Luxembourg				134	134	0
Netherlands	6,109	5,926	183	6,623	6,480	143
Norway	2,411	2,193	218	2,726	2,301	425
Portugal	2,019	1,984	35	1,997	1,901	96

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

OF RESIDENCE AND MODE OF TRAVEL: 1988 to 1989

Country of Residence	1988			1989		
	Total	Air	Sea	Total	Air	Sea
Spain	2,403	2,265	138	2,978	2,897	81
Sweden	6,883	6,773	110	6,759	6,616	143
Switzerland	9,993	9,906	87	10,853	10,776	77
United Kingdom	24,715	23,548	1,167	26,600	24,952	1,648
Yugoslavia				334	221	113
Oceania	58,280	57,929	351	67,577	65,934	1,643
Australia	45,349	45,032	317	50,529	48,981	1,548
Guam	9,582	9,582	0	11,343	11,343	0
New Zealand	3,349	3,315	34	3,614	3,519	95
Nauru				266	259	7
Papua New Guinea				1,834	1,832	2
Middle East	23,772	23,750	22	25,077	25,066	11
Iran	306	304	2	1,740	1,740	0
Kuwait				1,933	1,932	1
Israel	3,668	3,668	0	3,668	3,667	1
Lebanon	0	0	0	0		
Saudi Arabia	19,778	19,778	0	15,052	15,052	0
Egypt	20	0	20	0		
Jordan				534	525	9
United Emirates				2,150	2,150	0
Latin America	1,705	1,543	162	2,384	2,099	285
Argentina	295	288	7	325	313	12
Brazil	688	654	34	780	763	17
Mexico	596	483	113	687	461	226
Venezuela	126	118	8	106	96	10
Colombia				276	263	13
Peru				210	203	7
Eastern Europe	1,499	848	651	1,396	571	825
Poland	191	143	48	197	97	100
U.S.S.R.	1,079	513	566	1,199	474	725
Yugoslavia	229	192	37	0		
Africa	333	329	4	496	465	31
South Africa	92	88	4	186	185	1
Nigeria	241	241	0	281	280	1
Egypt				29	0	29
Others and Unspecified residenc	108,332	105,530	2,802	33,672	32,453	1,219
Overseas Filipinos				113,616	113,616	0

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
Asean	45,143	1,512	1,497	7,983
Brunei	1,907	133	59	370
Indonesia	5,324	213	277	707
Malaysia	11,912	384	376	2,409
Singapore	17,865	580	488	2,839
Thailand	8,135	202	297	1,658
Australia	42,666	2,682	1,635	6,324
Hong Kong	80,818	3,296	3,775	25,247
Japan	124,600	2,668	2,677	24,615
North America	219,936	19,680	15,139	26,212
Canada	19,216	1,636	1,394	2,443
U.S.A.	200,720	18,044	13,745	23,769
Taiwan	35,890	828	1,064	4,862
Western Europe	86,372	4,217	2,436	17,131
France	6,772	220	180	1,268
W. Germany	22,096	1,255	459	3,894
Italy	5,802	218	150	916
Spain	1,830	90	77	227
Switzerland	8,277	302	129	2,381
United Kingdom	19,534	1,188	793	3,355
Other Western Europe	22,061	944	648	5,090
Others and Unspecified Residences	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				
30-39	40-49	50-59	60 & above	Not reported
264,111	197,577	136,837	87,669	16,114
245,155	182,465	124,365	84,346	15,696
235,674	175,287	116,340	79,760	14,717
225,403	172,363	110,170	76,858	18,083
215,788	162,993	100,250	71,085	20,154
198,574	151,831	92,549	67,215	28,582
199,477	154,514	89,583	63,719	35,401
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 ARRIVALS

Travel Market	Total	Age		
		Under 15	15-19	20-24
Asean	63,274	2,822	1,381	3,419
Brunei	2,422	220	36	140
Indonesia	7,319	353	252	324
Malaysia	17,019	734	383	1,061
Singapore	26,187	1,055	397	1,245
Thailand	10,327	460	313	649
East Asia	464,922	20,508	7,569	40,292
Japan	212,749	6,875	2,800	16,240
Hongkong	130,116	8,322	3,021	16,449
Korea	31,928	1,263	533	1,894
Taiwan	90,129	4,048	1,215	5,709
South Asia				
India	5,918	411	246	391
North America	261,727	29,969	9,576	24,517
Canada	20,324	2,503	655	894
USA	241,403	27,466	8,921	23,623
Oceania	52,500	4,609	1,086	2,739
Australia	48,981	4,393	998	2,510
New Zealand	3,519	216	88	229
Western Europe	105,431	6,863	1,724	7,778
France	9,496	388	152	617
West Germany	29,297	2,209	361	1,843
Italy	8,340	343	130	473
Spain	2,897	192	60	151
Switzerland	10,776	580	100	1,016
United Kingdom	24,952	2,060	447	1,539
Other W. Europe	19,673	1,091	474	2,139
Middle East				
Saudi Arabia	15,052	509	104	587
Others and Unspecified Residences	79,972	7,375	2,025	6,567
Overseas Filipinos	113,616	8,457	3,881	9,975
Grand Total	1,162,412	81,523	27,592	96,265

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

BY MAJOR TRAVEL MARKET AND AGE GROUP: 1989

Group					
25-34	35-44	45-54	55-64	65 & Above	Not Stated
19,131	20,634	9,862	3,061	690	2,274
780	778	240	73	18	137
1,600	2,196	1,702	619	133	140
5,601	5,510	2,260	578	182	710
8,400	8,974	3,903	1,187	252	774
2,750	3,176	1,757	604	105	513
134,771	130,872	72,161	34,504	12,566	11,679
51,342	68,458	40,512	15,899	5,449	5,174
48,223	29,382	11,886	6,582	2,257	3,994
8,786	8,730	6,344	2,683	884	811
26,420	24,302	13,419	9,340	3,976	1,700
1,387	1,478	1,128	552	158	167
55,275	58,670	39,655	22,158	14,603	7,304
3,278	5,197	3,747	1,941	1,506	603
51,997	53,473	35,908	20,217	13,097	6,701
10,349	14,247	10,266	5,467	2,270	1,467
9,583	13,289	9,553	5,132	2,155	1,368
766	958	713	335	115	99
27,715	26,946	21,226	8,283	2,673	2,223
2,779	2,663	1,581	754	327	235
7,566	7,069	6,910	2,150	639	550
2,237	2,069	1,804	774	237	273
656	757	613	274	103	91
3,601	2,498	1,718	746	312	205
5,979	6,951	4,753	2,115	600	508
4,897	4,939	3,847	1,470	455	361
3,428	2,190	1,126	429	69	6,610
18,585	18,414	11,829	6,278	2,743	6,156
33,354	25,120	12,702	8,774	8,584	2,769
303,995	298,571	179,955	89,506	44,356	40,649

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
1989	1,162,412	775,404	142,167
Asean	63,274	35,769	13,756
Brunei	2,422	1,672	297
Indonesia	7,319	2,861	1,146
Malaysia	17,019	11,484	2,433
Singapore	26,187	15,167	8,380
Thailand	10,327	4,585	1,500
East Asia	464,922	373,196	54,176
Japan	212,749	176,708	20,265
Hongkong	130,116	105,399	18,153
Korea	31,928	18,501	5,558
Taiwan	90,129	72,588	10,200
South Asia			
India	5,918	2,927	748
North America	261,727	131,440	32,225
Canada	20,324	15,368	1,991
United States of America	241,403	116,072	30,234
Oceania	52,500	39,737	8,285
Australia	48,981	37,499	7,498
New Zealand	3,519	2,238	787
Western Europe	105,431	76,772	19,277
France	9,496	6,560	2,022
West Germany	29,297	22,725	4,373
Italy	8,340	5,909	1,449
Spain	2,897	2,148	414
Switzerland	10,776	8,974	1,109
United Kingdom	24,952	16,862	5,795
Other Western Europe	19,673	13,594	4,115
Middle East			
Saudi Arabia	15,052	11,166	2,440
Others and Unspecified Residences	79,972	46,390	8,472
Overseas Filipinos	113,616	58,007	2,788

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

BY MAJOR TRAVEL MARKET AND PURPOSE OF TRAVEL: 1980 to 1989

of		Travel		
Official Mission	Convention	Health	Others	Not Reported
22,960	19,438	4,389	55,786	38,054
23,702	12,387	4,466	56,556	45,816
21,699	13,290	4,719	58,288	40,026
20,838	11,667	4,791	53,095	60,445
20,934	8,338	4,703	65,603	55,488
19,565	7,828	5,154	54,860	57,186
19,123	9,009	4,739	60,489	59,204
20,934	8,338	4,703	65,603	55,488
36,427	7,653	3,389	69,277	28,034
49,822	13,809	6,526	133,104	41,580
4,699	3,601	62	3,918	1,469
183	99	0	127	44
960	838	16	1,201	297
689	1,123	23	957	310
807	801	5	719	308
2,060	740	18	914	510
5,478	2,244	322	13,338	16,168
3,349	684	180	6,042	5,521
371	640	66	1,814	3,673
1,307	582	43	3,532	2,405
451	338	33	1,950	4,569
530	474	5	953	281
30,990	2,698	2,819	51,547	10,008
320	204	157	1,902	382
30,670	2,494	2,662	49,645	9,626
590	968	74	2,388	458
521	870	71	2,094	428
69	98	3	294	30
1,610	1,301	183	4,663	1,625
215	75	14	466	144
386	232	70	1,132	379
137	169	7	363	306
36	63	10	156	70
196	91	23	268	115
318	389	28	1,221	339
322	282	31	1,057	272
135	35	75	623	578
4,766	1,836	1,131	13,070	4,307
1,024	652	1,855	42,604	6,686

Table 8.6 – ESTIMATED TOURIST RECEIPTS : 1970 to 1989

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

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

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

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

Table 8.7 – AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1978 to 1987

Year	Total	Hotel Category				
		5-Star	4-Star	3-Star	2-Star	1-Star
Average number of rooms						
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
Average occupancy rate						
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

Note: New hotel category for 1988 to 1989.
Source: Tourism Research and Statistics Division, Department of Tourism.

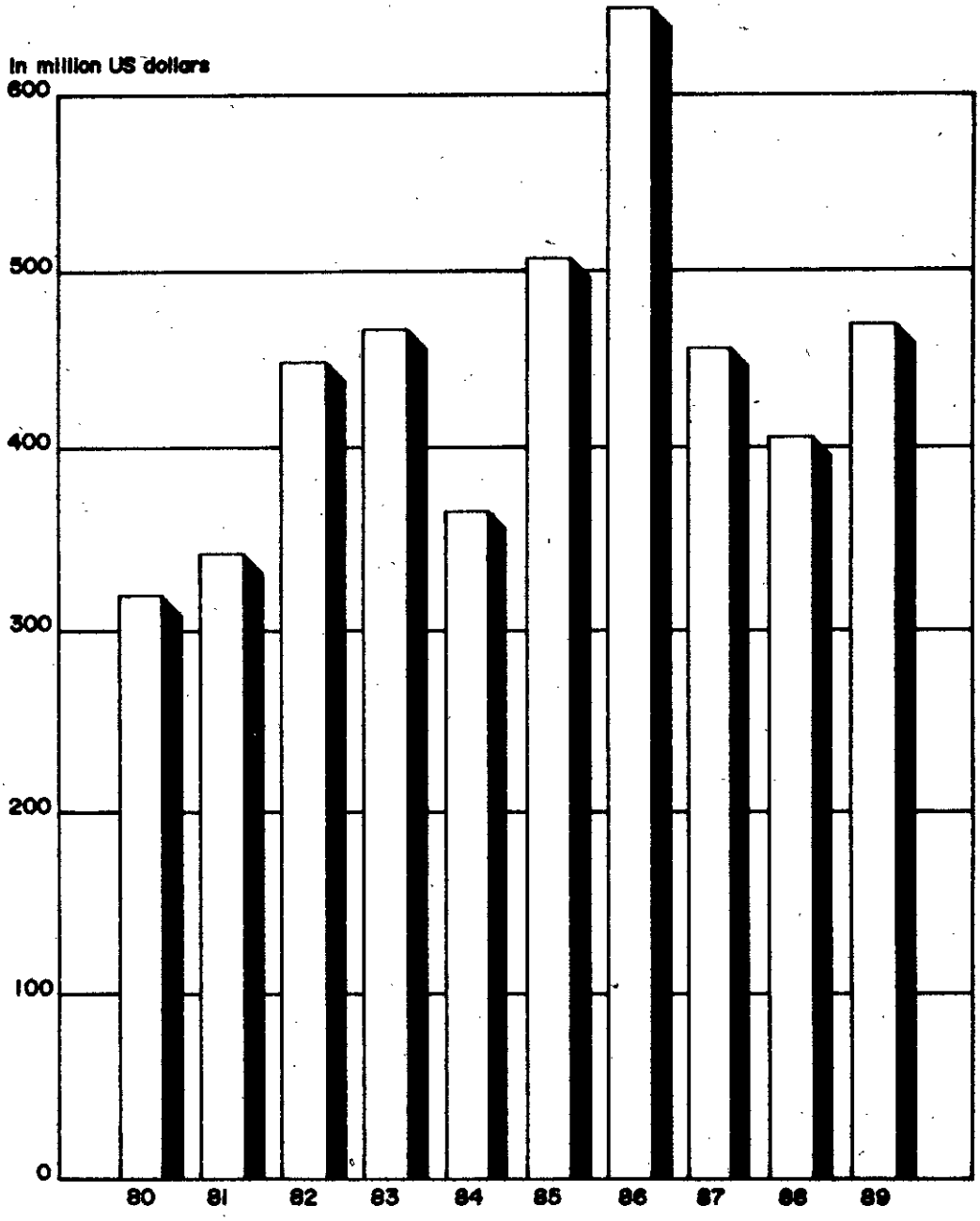
Table 8.8 – AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1988 to 1989

Year	Total	Hotel Category			
		De luxe	First Class	Standard	Economy
Average number of rooms					
1988	6,824	3,841	1,048	867	1,068
1989	8,417	4,864	1,365	1,099	1,089
Average occupancy rate					
1988	73	76	75	70	61
1989	76	61	70	78	81

Note: New hotel category for 1988 to 1989.

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

Figure 8.2 Tourist Receipts, 1980 to 1989



9 VITAL, HEALTH AND NUTRITION STATISTICS

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

Statistics on births and deaths are compiled by the Health Intelligence Service (HIS) of the Department of Health (DOH) and the National Statistics Office (NSO). The HIS publishes in its annual report, the Philippine Health Statistics, such data as the number and rate of total births, deaths, infant and maternal mortality by region, province, or city, infant mortality by cause of death, 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.

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

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

Lastly, data on hospitals and personnel by region, barangay and rural health units, as well as establishments involved in food and drug production and distribution has been included as a regular component of their chapter.

Table 9.1	Number of Registered Marriages and Rate by Region: 1960 to 1988	9-6
Table 9.2	Live Births,Total Deaths,Deaths Under 1Year, Maternal Deaths and Foetal Deaths, Philippines: 1950 to 1987	9-9
Table 9.3	Number of Registered Live Births and Rate by Region: 1950 to 1987	9-10
Table 9.4	Number of Registered Deaths and Rate by Region: 1950 to 1987	9-14
Table 9.5	Mortality: All Causes by Age, Sex and by Region: 1987	9-18
Table 9.6	Mortality: Ten Leading Causes, Number and Crude Death Rates and Percent of Total Deaths, Philippines: 1981 to 1987	9-24
Table 9.7	Number of Registered Infant Mortality Under Age One Year by Region: 1950 to 1987	9-26
Table 9.8	Infant Mortality: Ten Leading Causes, Number and Rate per 1,000 Live Births and Percent of Infant Deaths, Philippines: 1981 to 1987	9-30
Table 9.9	Morbidity: Ten Leading Causes, Number and Crude Rates Philippines: 1981 to 1987	9-30
Table 9.10	Expectation of Life at Birth in the Philippines: 1960 to 2030	9-31
Table 9.11	Notifiable Diseases and Deaths by Cause, Philippines: 1982 to 1987	9-32
Table 9.12	Moderate Estimates of Vital Statitics for the Philippines: 1980 to 2030	9-34
Table 9.13	Daily per Capita Available Food Supply, Philippines: 1955 to 1986	9-38
Table 9.14	Calorie and Nutrient Values of Daily Per Capita Available Food Supply, Philippines: 1955 to 1986	9-40
Table 9.15	Government and Private Hospitals: Number and Bed Capacity, Philippines: FY 1963-64 to CY 1989	9-41
Table 9.16	Comparison of Mean One-Day Per Capita Food Consumption, Philippines: 1982 and 1987	9-42

Table 9.17	Comparison of Mean One-Day Per Capita Nutrient Intake, Philippines: 1982 and 1987	9-42
Table 9.18	Number of Reported Acceptors by Method of Family Planning, Philippines: 1983 to 1989	9-43
Table 9.19	Number of Hospitals by Type, by Region: 1970 to 1989	9-44
Table 9.20	Number of Government Doctors, Nurses, Dentists and Other Medical Practitioners by Region: 1980 to 1989	9-46
Table 9.21	Number of Barangay Health Stations: 1980 to 1989	9-50
Table 9.22	Number of Rural Health Units: 1980 to 1988	9-50
Table 9.23	Number of Establishments Invovled in Food and Drug Production: 1989 to 1990	9-52
Table 9.24	Number of Establishments Involved in the Distribution of Food and Drug by Region: 1988 to 1989	9-54
Figure 9.1	Number of Live Births and Deaths: 1979 to 1989	9-5
Figure 9.2	Number of Reported Acceptors of Family Planning Methods, Philippines: 1983 to 1989	9-25

Figure 9.1 Number of Live Births and Deaths, 1980 to 1987

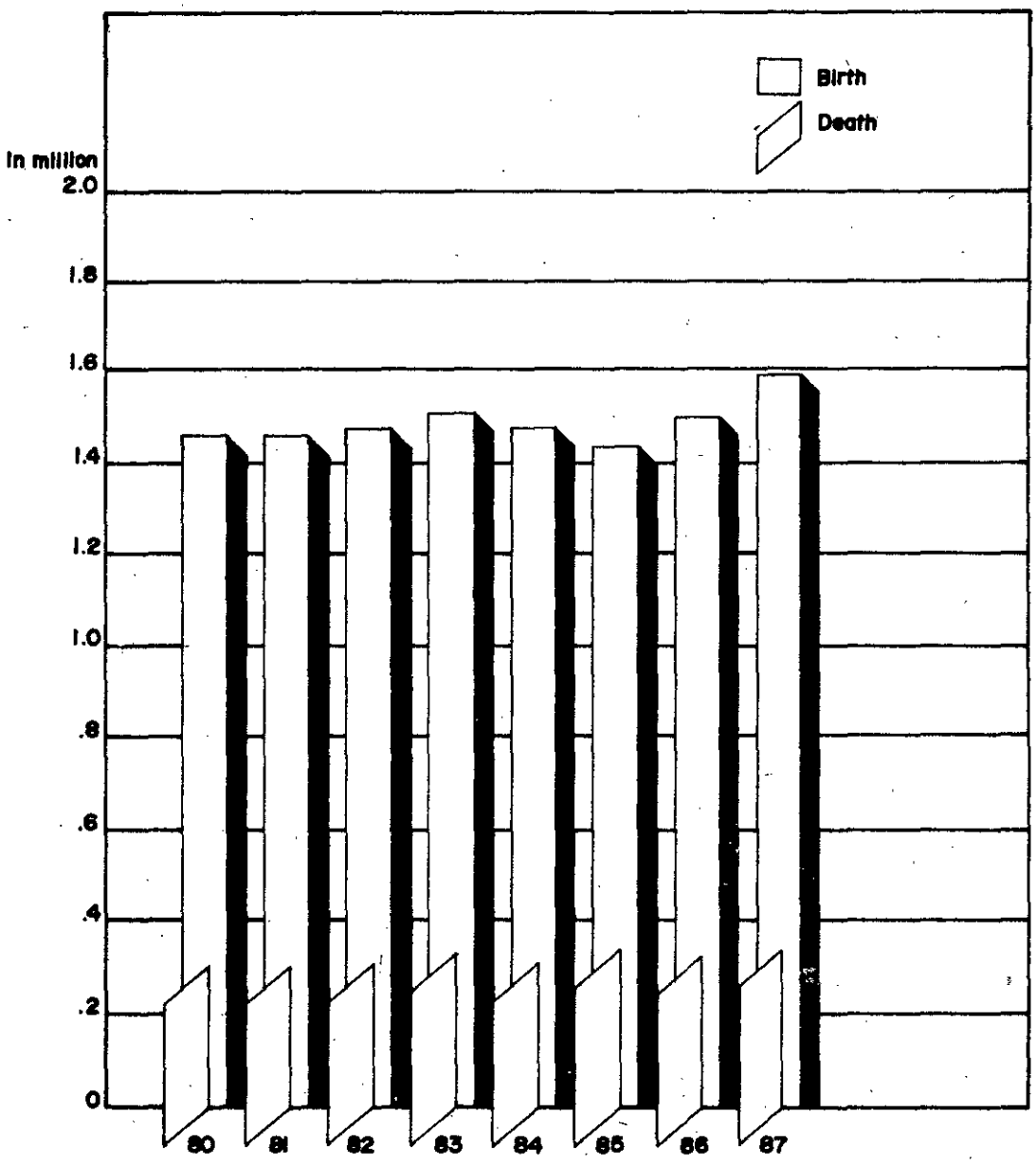


Table 9.1 – NUMBER OF REGISTERED MARRIAGES
(Rates per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1		Region 2	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	143,048	5.2	a	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	55,850	9.9	26,128	7.6	15,051	7.2
1979	360,888	7.7	57,751	10.0	26,082	7.5	17,591	8.1
1980	354,300	7.3	59,708	10.0	26,663	7.5	16,058	7.2
1981	349,742	7.0	60,338	9.8	27,162	7.5	16,121	7.0
1982	351,819	6.9	62,585	9.9	27,256	7.4	16,915	7.2
1983	351,663	6.8	61,790	9.4	27,307	7.3	15,198	6.3
1984	380,171	7.1	64,570	9.6	27,321	7.1	16,275	6.6
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
1988	393,514	6.7	71,805	9.5	27,587	6.8	16,680	6.1

AND RATE BY REGION: 1960 to 1988
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
46,996	8.0	51,804	6.7	20,462	4.9	32,717	6.0	31,614	7.1

Table 9.1 – NUMBER OF REGISTERED MARRIAGES AND RATE BY REGION: 1960 to 1988 (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
1988	15,701	4.8	14,657	4.8	24,368	7.1	29,365	7.1	9,758	3.5

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

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 [1]		Crude							
	Number	Rate	Number	Rate	Number	Rate[2]	Number	Rate	Number	Rate
1950	642,472	31.6	226,505	11.1	65,273	101.6	2,406	3.7	...	...
1955	734,761	30.9	219,798	9.0	61,958	84.3	2,339	3.2	...	...
1960	649,651	23.7	196,544	7.2	54,968	84.6	1,981	3.0	9,966	15.3
1965	795,415	25.0	234,935	7.4	57,988	72.9	1,757	2.2	14,454	18.2
1970	966,762	26.4	234,038	6.4	57,970	60.0	1,950	2.0	12,561	13.0
1971	963,749	25.4	250,139	6.6	59,730	62.0	1,261	1.3	12,969	13.5
1972	968,385	24.8	285,761	7.3	65,719	67.9	1,379	1.4	13,577	14.0
1973	1,049,290	26.2	283,475	7.1	67,881	64.7	1,488	1.4	10,808	10.3
1974	1,081,073	26.2	283,975	6.9	63,491	58.7	1,690	1.6	13,451	12.4
1975	1,223,837	29.1	271,136	6.4	65,263	53.3	1,753	1.4	13,764	11.2
1976	1,314,860	30.3	299,861	6.9	74,792	56.9	1,862	1.4	14,865	11.3
1977	1,344,836	30.3	308,904	7.0	76,330	56.8	1,909	1.4	14,589	10.8
1978	1,387,588	30.5	297,034	6.5	73,640	53.1	1,734	1.2	14,365	10.4
1979	1,429,814	30.3	306,427	6.6	71,772	50.2	1,634	1.1	14,586	10.2
1980	1,456,860	30.3	298,006	6.2	65,700	45.1	1,609	1.1	13,965	9.6
1981	1,461,204	29.5	301,117	6.1	64,415	44.1	1,542	1.1	13,343	9.1
1982	1,474,491	29.1	308,758	6.1	61,665	41.8	1,425	1.0	13,465	9.1
1983	1,506,356	28.9	327,260	6.3	64,267	42.7	1,502	1.0	14,780	9.8
1984	1,475,844	27.7	313,359	5.9	56,897	38.6	1,379	0.9	11,884	8.1
1985	1,437,154	26.3	334,663	6.1	54,613	38.0	1,489	1.0	8,948	6.2
1986	1,493,995	26.7	326,749	6.0	52,263	35.0	1,573	1.1	8,400	5.6
1987	1,582,469	28	335,254	6.0	50,803	32.1	1,611	1.0	10,515	6.6

1 Per 1,000 Population.
2 Per 1,000 live births.
Sources: Health Intelligence Service, Department of Health, CY 1950–55 and National Statistics Office, CY 1960–1987.

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
1987	1,582,469	27.6	242,905	33.0	120,972	29.8

BIRTHS 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
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
71,957	27.6	167,576	29.3	221,017	29.5	117,683	28.7

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	27.6	57,651	18.4
1987	114,823	21.6	127,899	29.3	60,236	18.9

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

BIRTHS 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
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
58,687	19.6	101,569	30.3	127,160	31.5	1,885	17.9

Table 9.4 – NUMBER OF REGISTERED DEATHS

(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
1950	226,505	11.2	a	0.0	26,703	1.2
1955	212,798	9.0	a	0.0	22,873	9.6
1960	186,544	7.2	a	0.0	20,709	8.5
1965	234,935	7.4	a	0.0	24,022	8.8
1970	234,038	6.4	a	0.0	22,441	7.5
1971	250,209	6.6	a	0.0	24,246	7.9
1972	285,761	7.3	a	0.0	27,260	8.8
1973	282,140	7.1	a	0.0	26,334	8.3
1974	283,975	6.9	a	0.0	26,267	8.1
1975	271,136	6.4	a	0.0	25,008	7.6
1976	299,861	6.9	42,003	7.8	24,972	7.5
1977	308,904	2.0	49,770	9.1	25,876	7.6
1978	297,034	6.5	40,468	7.2	25,602	7.4
1979	306,427	6.5	42,888	7.4	26,718	7.6
1980	298,006	6.2	42,277	7.2	25,869	7.3
1981	301,117	6.1	42,560	6.9	26,503	7.3
1982	308,758	6.1	44,833	7.1	27,378	7.4
1983	327,260	6.3	45,897	7.0	28,063	7.5
1984	313,359	5.9	44,617	6.6	28,750	7.5
1985	334,663	6.1	48,704	7.0	30,346	7.8
1986	326,749	5.8	44,532	6.2	29,203	7.4
1987	335,254	5.8	51,606	7.0	28,393	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
Under 1 year	50,803	29,367	21,436	8,394	4,853	3,541
1– 4 years	42,469	22,485	19,984	6,219	3,268	2,951
5– 9 years	12,059	6,751	5,308	1,118	626	492
10–14 years	5,657	3,144	2,513	608	337	271
15–19 years	7,659	4,987	2,672	1,156	724	432
20–24 years	10,538	7,418	3,120	1,986	1,464	522
25–29 years	11,361	8,237	3,559	2,212	1,650	560
30–34 years	11,284	7,773	3,511	2,154	1,542	612
35–39 years	11,762	8,059	3,703	1,975	1,416	559
40–44 years	11,020	7,346	3,674	1,876	1,250	626
45–49 years	12,776	8,608	4,168	2,123	1,424	699
50–54 years	14,754	9,628	5,126	2,392	1,545	847
55–59 years	15,524	10,204	5,320	2,632	1,727	905
60–64 years	17,451	10,860	6,591	2,927	1,835	1,092
65–69 years	18,743	11,123	7,620	3,033	1,738	1,295
70–74 years	20,681	11,630	9,051	2,927	1,591	1,336
75–79 years	20,926	11,151	9,775	2,896	1,472	1,424
80–84 years	17,264	8,527	8,737	2,100	984	1,116
85 years and over	22,507	10,220	12,287	2,880	1,315	1,565
Not stated	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	Male	Female	Both Sexes	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
Under 1 year	1,647	965	682	2,665	1,557	1,108
1- 4 years	1,298	701	597	1,987	1,079	908
5- 9 years	447	272	175	745	427	318
10-14 years	208	116	92	362	182	180
15-19 years	258	162	96	423	287	136
20-24 years	389	279	110	541	393	148
25-30 years	388	272	116	618	425	193
30-34 years	408	305	103	615	408	207
35-39 years	363	269	94	612	421	191
40-44 years	349	241	108	571	381	190
45-49 years	403	288	115	690	451	239
50-54 years	459	315	144	800	518	282
55-59 years	423	295	128	701	445	256
60-64 years	507	335	172	855	529	326
65-69 years	479	284	195	830	522	308
70-74 years	517	298	219	924	519	405
75-79 years	508	291	217	914	526	388
80-84 years	369	207	162	689	354	335
85 years and over	366	196	170	744	362	382
Not stated	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: 1981–1987

(Crude death rate per 100,000 population)

Cause	5 - Year Average (1981 - 1985)			1986			1987		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	47,209	90.7	14.9	48,701	91.3	15.1	52,700	91.9	15.7
2. Diseases of the heart	34,157	65.6	10.8	35,178	66.0	10.9	38,840	67.7	11.6
3. Tuberculosis, all forms	28,711	55.3	9.1	29,428	55.2	9.1	28,697	50.0	8.6
4. Diseases of the vascular system	24,780	47.6	7.8	26,438	49.6	8.2	29,905	52.1	8.9
5. Malignant neoplasms	17,346	33.3	5.5	17,813	33.4	5.5	20,367	35.5	6.1
6. Diarrheas	13,418	25.8	4.2	12,347	23.2	3.8	10,589	18.5	3.2
7. Accidents	8,330	16.0	2.6	10,162	19.1	3.2	11,630	20.3	3.5
8. Avitaminoses and other nutritional deficiencies	6,786	13.0	2.1	6,642	12.5	2.1	5,229	9.1	1.6
9. Measles	7,861	15.1	2.5	7,340	13.8	2.3	12,431	21.7	3.7
10. Nephritis, nephrotic syndrome and neprosis	4,823	9.3	1.5	4,989	9.4	1.5	5,149	9.0	1.5

Source: Health Intelligence Service, Department of Health.

Figure 9.2 Number of Reported Acceptors of Family Planning Methods, 1983 to 1989

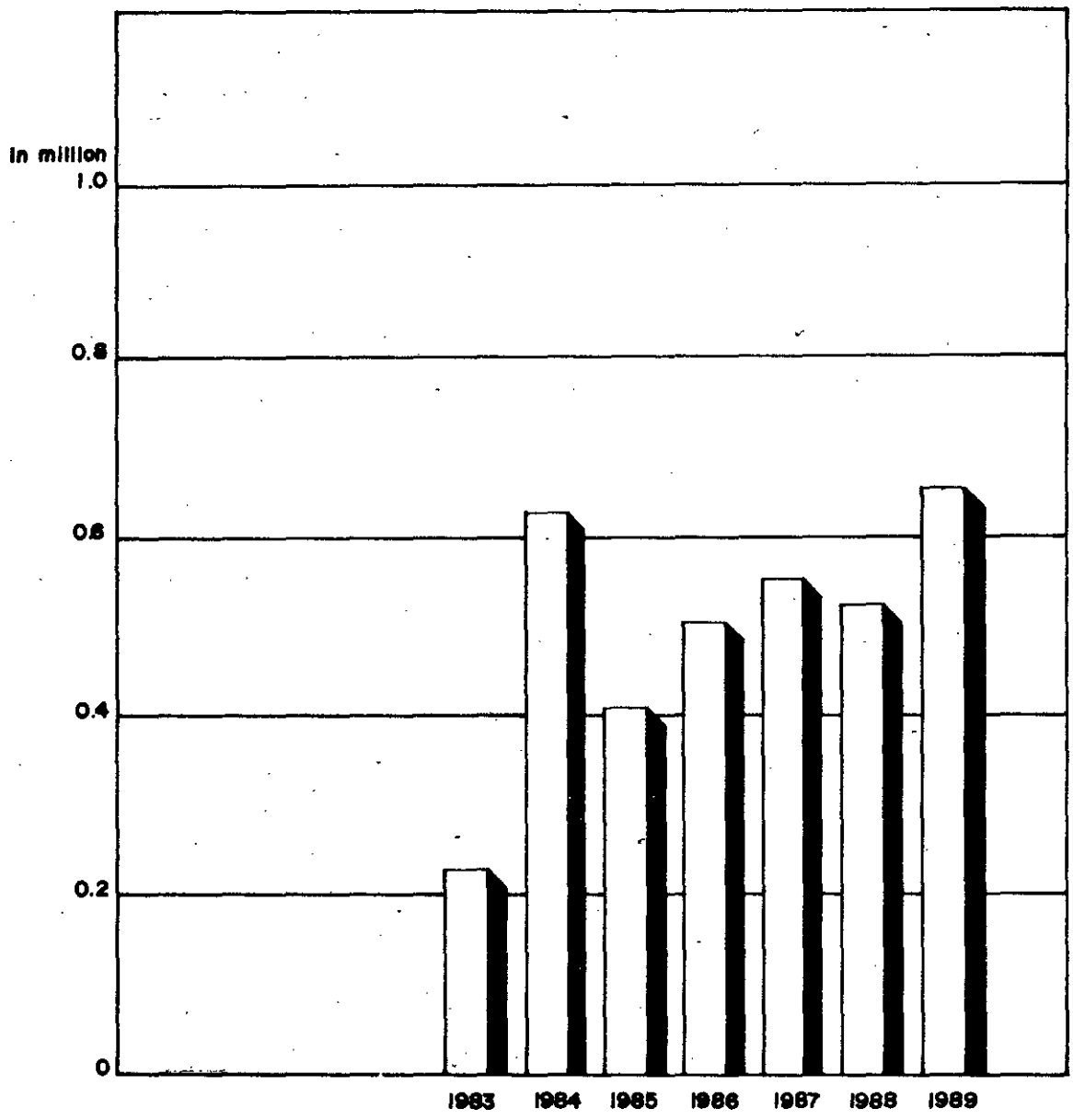


Table 9.7 – NUMBER OF REGISTERED INFANT MORTALITY

(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1	
	Number	Rate	Number	Rate	Number	Rate
1950	65,273	101.6	a	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 to 1987

Cause	5 - Year Average (1981-1985)			1986			1987		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	14,970	10.2	24.8	14,793	10.0	25.5	13,380	8.5	26.3
2. Respiratory conditions of fetus and newborn	8,132	5.5	13.4	7,884	5.3	13.6	7,280	4.6	14.3
3. Diarrheas	5,248	3.6	8.7	4,529	3.1	7.8	3,232	2.1	6.4
4. Congenital Anomalie	2,764	1.9	4.6	2,607	1.8	4.5	2,250	1.4	4.4
5. Avitaminoses and other nutritional deficiency	2,480	1.7	4.1	2,388	1.6	4.1	1,721	1.1	3.4
6. Measles	1,891	1.3	3.1	1,764	1.2	3.0	2,355	1.5	4.6
7. Birth injury and difficult labor	1,684	1.1	2.8	1,500	1.0	2.6	1,393	0.9	2.7
8. Acute bronchitis and bronchitis	1,072	0.7	1.8	966	0.7	1.7	765	0.5	1.5
9. Septicemia	880	0.6	1.5	971	0.7	1.7	1,023	0.6	2.0
10. Meningitis	755	0.5	1.3	726	0.5	1.3	603	0.4	1.2

Source: Health Intelligence Service, Department of Health.

Table 9.9 – MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES, PHILIPPINES: 1981 to 1987 (Rate per 100,000 population)

Cause	5-Year Average (1981-1985)		1986		1987	
	Number	Rate	Number	Rate	Number	Rate
1. Bronchitis	415,477	798.5	602,851	1,076.4	44,110	599.8
2. Diarrheas	397,933	764.8	552,613	986.7	25,692	349.3
3. Influenza	320,989	616.9	397,715	710.2	12,200	165.9
4. Pneumonias	150,424	289.1	190,208	339.6	16,675	226.7
5. Tuberculosis, all forms	127,053	244.2	153,129	273.4	12,913	175.6
6. Malaria	73,819	141.9	124,153	221.7	0	0.0
7. Accidents	90,661	168.1	105,886	189.1	5,779	78.6
8. Measles	48,991	94.2	59,375	106.0	10,067	136.9
9. Malignant neoplasms	25,189	48.4	26,985	48.2	7,245	98.5
10. Diseases of the heart	70,417	130.6	78,516	140.2	12,681	172.4
11. Varicella					1,840	25.0

Source: Health Intelligence Service, Department of Health.

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

Year	Life expectancy at birth (in years)	
	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.

Table 9.11 – NOTIFIABLE DISEASES PHILIPPINES:

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

Source: Health Intelligence Service, Department of Health.

AND DEATHS BY CAUSE
1982 to 1987

1985		1986		1987	
Reported Cases	Deaths	Reported Cases	Deaths	Reported Cases	Deaths
10	1	0	0	0	0
15,706	1,071	13,764	1,024	15,290	1,121
0	0	0	0	0	0
0	0	0	0	0	0
522,762	11,516	538,849	9,815	591,858	9,468
153,406	31,650	153,129	30,604	163,740	28,697
2,090	124	1,815	81	1,766	63
1,669	316	1,630	261	1,443	245
19,628	45	16,139	28	8,856	26
3,474	1,033	3,381	1,034	2,910	1,026
557	61	375	45	327	43
3,844	10	3,121	4	6,336	15
62,959	8,043	59,375	6,249	81,896	12,431
0	0	0	0	0	0
2,096	210	1,623	191	1,696	243
16,022	607	14,523	728	16,084	817
0	0	0	0	0	0
121,975	1,166	124,153	1,156	121,097	1,226
91	9	69	8	62	9
15,329	0	11,731	0	11,361	0
9,764	416	11,074	281	13,892	288
259	2	300	1	354	0
24,270	18,143	26,985	18,395	27,195	20,367
586,427	2,078	602,851	1,812	642,777	1,814
205,387	52,888	190,208	50,621	183,143	52,700
447,550	1,400	397,715	1,221	495,161	1,151
96,684	10,070	105,886	10,348	114,445	11,630
70,238	36,242	78,516	39,163	79,214	38,840

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

Year	Philippines	Metropolitan Manila Area	1	2	3	4
Births						
1980	1,626,910	172,310	111,979	76,902	149,546	203,274
1985	1,735,297	195,380	117,358	83,616	161,888	219,577
1990	1,797,497	199,207	120,589	88,020	169,250	229,699
1995	1,809,944	189,496	120,099	89,893	170,323	232,704
2000	1,780,722	177,860	116,008	89,002	166,610	229,872
2010	1,539,192	154,809	96,851	77,207	141,210	195,238
2020	1,651,545	162,579	101,250	82,022	148,378	212,517
2030	1,612,823	147,713	95,938	79,357	142,023	207,811
Deaths						
1980	455,204	33,136	35,152	23,497	34,401	46,510
1985	467,329	37,050	34,173	23,904	35,081	48,292
1990	481,359	40,253	33,555	24,647	36,025	50,386
1995	495,258	43,615	33,334	25,206	37,257	52,529
2000	509,249	47,932	33,257	25,680	38,645	54,792
2010	560,197	63,072	33,635	27,530	45,234	64,290
2020	673,715	88,365	38,436	30,122	59,896	85,664
2030	830,969	123,436	48,818	36,853	81,063	113,974
Total Fertility Rate						
1980	64,805.000	3,045.000	4,725.000	5,185.000	4,290.000	4,680.000
1985	59,032.331	2,803.333	4,298.333	4,722.500	3,913.333	4,240.833
1990	53,260.002	2,561.667	3,871.667	4,260.000	3,536.667	3,801.667
1995	47,487.500	2,320.000	3,445.000	3,797.500	3,160.000	3,362.500
2000	41,714.998	2,078.333	3,018.333	3,335.000	2,783.333	2,923.333
2010	30,170.000	1,595.000	2,165.000	2,410.000	2,030.000	2,045.000
2020	28,867.500	1,560.000	2,067.500	2,260.000	1,957.500	1,997.500
2030	27,565.000	1,525.000	1,970.000	2,110.000	1,885.000	1,950.000

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

Region							
5	6	7	8	9	10	11	12
126,150	161,370	119,056	96,322	97,117	101,649	123,577	87,658
134,056	168,461	124,627	100,249	100,751	107,049	129,507	92,778
140,723	171,143	126,380	104,715	103,505	111,977	134,726	97,563
143,872	169,971	125,283	107,612	105,339	115,783	138,254	101,315
143,328	164,956	121,870	106,922	105,174	117,344	138,800	102,976
123,617	139,466	102,965	93,259	91,259	106,512	123,172	93,627
138,812	148,100	108,427	103,098	93,028	113,217	135,084	105,033
143,046	142,206	104,725	107,277	87,033	110,295	136,060	109,339
31,946	41,099	33,129	30,620	36,320	34,233	42,601	32,560
32,567	41,932	33,104	30,758	37,150	35,069	44,379	33,870
33,442	42,574	33,156	31,098	38,232	36,084	46,424	35,483
34,383	43,620	33,149	31,136	38,783	37,444	48,245	36,557
35,084	44,519	33,092	30,882	39,245	38,736	49,913	37,472
36,087	48,177	33,974	31,046	40,761	43,304	53,255	39,832
41,836	56,328	41,515	32,643	44,315	50,886	59,225	44,484
51,423	66,717	51,843	34,995	48,427	58,285	65,657	49,478
5,785.000	5,270.000	4,525.000	5,600.000	5,610.000	5,350.000	5,350.000	5,390.000
5,251.667	4,773.333	4,128.333	5,129.000	5,103.333	4,880.833	4,880.833	4,906.667
4,718.333	4,276.667	3,731.667	4,658.333	4,596.667	4,411.667	4,411.667	4,423.333
4,185.000	3,780.000	3,335.000	4,187.500	4,090.000	3,942.500	3,942.500	3,940.000
3,651.667	3,283.333	2,938.333	3,716.667	3,583.333	3,473.333	3,473.333	3,456.667
2,585.000	2,290.000	2,145.000	2,775.000	2,570.000	2,535.000	2,535.000	2,490.000
2,550.000	2,192.500	2,095.000	2,732.500	2,345.000	2,352.500	2,352.500	2,405.000
2,515.000	2,095.000	2,045.000	2,690.000	2,120.000	2,170.000	2,170.000	2,320.000

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

Year	Philippines	Metropolitan Manila Area	1	2	3	4
Net Reproduction Rate						
1980	1.98831	1.35916	2.03541	2.10570	1.89417	2.04848
1985	1.84141	1.26395	1.88291	1.95495	1.75496	1.88448
1990	1.68831	1.16659	1.72424	1.79700	1.61056	1.71468
1995	1.52619	1.06455	1.55568	1.63226	1.45451	1.53439
2000	1.35853	0.96086	1.38183	1.46017	1.29478	1.34949
2010	1.00023	0.74723	1.01297	1.08751	0.95626	0.95823
2020	0.97853	0.73655	0.97629	1.05141	0.92436	0.94092
2030	0.94849	0.72244	0.93033	0.98854	0.89008	0.92086
Crude Birth Rate						
1980	34	29	32	35	31	33
1985	32	28	30	33	30	31
1990	30	25	28	31	28	29
1995	27	21	26	29	25	26
2000	24	18	23	26	23	23
2010	18	14	17	19	17	17
2020	17	13	17	18	16	16
2030	15	11	15	16	14	14
Crude Death Rate						
1980	9	6	10	11	7	8
1985	8	5	9	10	6	7
1990	7	5	8	9	6	6
1995	7	5	7	8	6	6
2000	6	5	7	7	5	5
2010	6	6	6	7	5	5
2020	6	7	6	7	6	6
2030	8	9	7	7	8	8

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	Vege-tables
1955	804.4	320.8	119.2	35.2	15.5	87.5
1960	813.5	312.0	116.9	29.8	38.0	78.4
1965	1,001.1	364.6	117.8	50.6	34.5	75.3
1970	1,001.7	376.2	81.2	45.2	15.9	79.2
1971	965.7	391.9	58.2	49.3	14.8	78.1
1972	950.2	363.2	65.9	51.4	13.8	76.8
1973	851.4	248.8	73.2	28.7	3.8	81.7
1974	892.8	259.8	84.1	31.7	4.1	85.2
1975	944.2	313.6	82.4	32.6	4.9	85.2
1976	973.5	310.3	78.9	32.2	4.8	87.9
1977	1,012.8	304.9	90.6	32.4	5.1	93.9
1978	1,057.4	303.3	98.1	29.6	4.9	102.4
1979	1,077.5	319.9	99.0	32.1	5.4	107.7
1980	1,126.2	339.9	91.5	29.6	5.4	115.1
1981	1,113.1	340.0	93.7	23.8	4.9	116.2
1982	1,165.6	348.7	81.2	27.6	4.9	115.1
1983	1,137.9	319.2	60.5	27.1	4.1	100.3
1984	1,183.9	336.7	64.3	30.9	3.9	95.9
1985	1,025.1	329.0	63.6	25.2	4.9	95.0
1986	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	Miscel-laneous
88.4	43.2	26.6	8.7	51.8	5.8	1.7
85.0	43.2	33.6	9.3	56.8	6.8	3.7
125.8	35.9	39.8	6.5	85.7	7.1	57.5
133.8	42.6	43.2	8.2	103.3	8.2	64.7
99.6	41.9	43.0	8.7	103.3	8.4	68.5
99.2	43.2	47.1	8.7	107.3	10.0	63.6
97.6	59.5	74.9	13.4	77.2	17.2	75.4
106.1	57.5	75.1	13.1	79.8	15.5	80.8
118.3	57.8	74.0	13.2	82.8	15.6	63.8
120.1	51.8	74.8	12.4	82.2	18.9	99.2
120.8	49.2	76.5	12.1	84.6	22.7	120.0
150.2	52.1	75.4	15.1	85.5	20.8	120.0
172.3	43.4	74.8	12.9	81.9	17.0	111.1
180.5	53.4	75.9	12.6	84.6	19.2	118.6
144.4	57.2	74.8	13.5	87.4	17.2	140.0
173.9	56.8	75.6	13.5	94.3	15.5	158.5
186.5	57.8	75.1	13.9	99.8	13.6	180.0
169.7	57.5	74.8	13.1	94.4	12.0	230.7
149.5	51.2	75.1	11.3	89.5	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 suffi-ciency	Value	Percent of suffi-ciency	Value	Percent of suffi-ciency	Value
1955	804	80.0	1,766	88.3	44	90.2	2
1960	814	80.9	1,782	89.1	43	88.7	10
1965	1,001	99.5	2,103	105.1	51	103.7	10
1970	1,002	99.6	2,097	104.8	54	110.8	26
1971	966	96.0	2,123	106.2	55	112.3	26
1972	950	94.5	2,047	102.4	53	108.0	28
1973	851	82.6	1,839	90.5	55	107.5	42
1974	893	86.6	1,924	94.7	56	110.4	41
1975	944	91.6	2,077	102.2	59	116.9	41
1976	674	65.3	2,112	103.9	59	116.5	43
1977	1,013	98.2	2,187	107.6	60	118.7	47
1978	1,057	102.6	2,208	108.7	61	120.7	47
1979	1,078	104.5	2,256	111.0	62	121.5	43
1980	1,126	109.2	2,373	116.8	66	128.9	46
1981	1,113	108.0	2,374	116.8	67	131.1	46
1982	1,166	113.1	2,443	120.2	69	135.6	45
1983	1,138	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 1989

Year	Number of hospitals			Bed capacity			Bed capacity per 10,000 population
	Total	Government	Private	Total	Government	Private	
1963–64	374	136[a]	238[c]	26,600	15,400	11,200	8.7
1968–69	799	318[b]	481	53,793	34,342	19,451	15.1
1969–70	650	220	430	40,289	19,725	20,564	11.0
1970–71	640	209	431	41,153	20,400	20,753	10.9
1971–72	693	244	449	43,124	21,700	21,424	11.1
1972–73	768	254	514	45,986	22,325	23,661	11.5
1973–74	845	275	570	65,045	39,451	25,594	15.8
1975	969	363	606	69,774	41,692	28,082	16.5
1976	1,036	366	670	75,600	44,525	31,075	17.6
1977	1,149	372	777	79,621	45,161	34,460	17.8
1978	1,213	376	837	81,646	45,517	36,129	17.9
1979	1,483	395	1,088	72,035	31,774	40,261	18.0
1980	1,607	413	1,194	81,796	39,445	42,351	18.2
1981	1,599	487	1,112	74,006	41,292	32,714	13.0
1982	1,713	519	1,194	88,243	48,199	40,044	17.5
1983	1,705	526	1,179	85,050	46,095	38,955	16.3
1984	1,839	612	1,227	90,279	47,861	42,418	16.9
1985	1,814	624	1,190	89,508	48,395	41,113	15.5
1986	1,846	617	1,229	88,440	48,690	39,750	15.9
1987	1,754	581	1,173	86,821	46,330	40,491	15.1
1988	1,766	579	1,187	85,943	46,236	39,707	16.8
1989	1,696	564	1,132	84,985	46,639	38,346	14.1

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

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

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

Source: Bureau of Medical Services, Department of Health.

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

Food Group	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Cereals and cereal products	356.0	345.0	(3.1)
Starchy roots and tubers	42.0	22.0	(47.6)
Sugars and syrups	22.0	24.0	9.1
Fats and oils	14.0	14.0	–
Fish, meat and poultry	154.0	157.0	1.9
Eggs	9.0	10.0	11.1
Milk and milk products	44.0	43.0	(2.3)
dried beans, nuts and seeds	10.0	10.0	–
Vegetables	130.0	111.0	(14.6)
Fruits	102.0	107.0	4.9
Miscellaneous	32.0	26.0	(18.7)

Source: 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: 1982 and 1987

Nutrient	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Energy (kcal)	1,808	1,753	(1.8)
Protein (g)	50.6	49.7	(1.8)
Iron (mg)	10.8	10.7	(0.9)
Calcium (g)	0.45	0.4	(6.7)
Thiamine (mg)	0.74	0.7	(8.1)
Riboflavin (mg)	0.58	0.6	(3.4)
Niacin (mg)	16.4	16.3	(0.6)
Ascorbic Acid (mg)	61.6	53.6	(0.1)
Fat (g)	30	30.0	–
Carbohydrates (g)	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 1989

Methods	1983	1984 [1]	1985	1986	1987	1988	1989
Total	229,176	628,190	408,767	504,832	553,895	526,621	659,882
Sterilization	30,707	111,311	86,047	79,994	70,698	65,655	50,674
Female	29,315	0	80,187	76,525	0	63,734	49,068
Male	1,392	0	5,860	3,469	0	1,921	1,606
IUD	35,121	69,384	45,395	47,560	47,376	40,496	45,608
Pills	109,371	134,514	183,997	257,566	286,425	289,533	397,556
Condom	42,969	31,290	31,646	52,223	53,778	55,104	96,140
Rhythm	7,957	126,364	28,395	29,636	42,662	31,918	29,054
Injectable	0	0	4,803	10,678	10,240	9,583	4,328
Natural Family Planning(NFP)	0	0	0	0	16,271	14,757	19,817
Others	3,051	155,327	28,484	27,175	26,445	19,575	16,705

1 Projections.
Source: Commission on Population.

Table 9.19 – NUMBER OF HOSPITALS

Year	Philippines	NCR	I	II	III	IV	V
1970	676	...	47	37	82	213	47
1971	640	...	52	37	69	208	43
1972	693	...	64	42	77	215	47
1973	768	65	52	46	111	162	61
1974	818	...	72	49	109	251	57
1975	969	56	85	53	127	232	64
1976	1,036	57	94	57	141	249	74
1977	1,150	56	98	67	160	280	78
1978	1,213	...	...	...	...	...	...
1979	1,483	149	120	96	169	210	140
1980	1,607	176	133	109	175	197	141
1981	1,599	121	133	116	179	226	151
1982	1,713	174	139	126	186	222	152
1983	1,704	168	145	119	185	230	150
1984	1,839	188	150	121	186	250	152
1985	1,815	184	145	121	187	236	155
1986	1,754	176	145	109	176	223	151
1987							
Total	1,799	178	145	109	176	224	152
Public	590	41	46	49	51	77	44
Private	1,209	137	99	60	125	147	108
1988							
Total	1,766	175	143	107	178	220	146
Public	579	40	48	49	50	69	43
Private	1,187	135	95	58	128	151	103
1989							
Total	1,696	170	98	80	176	165	146
Public	564	41	32	35	51	49	44
Private	1,132	129	66	45	125	116	102

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

Source: Department of Health, Bureau of Medical Services.

BY TYPE, BY REGION: 1970 to 1989

VI	VII	VIII	IX	X	XI	XII	CAR
52	47	34	29	39	32	17	...
47	43	32	24	38	30	17	...
51	47	34	27	39	31	19	...
54	18	32	16	18	29	104	...
60	49	43	30	56	42	28	...
65	52	47	39	67	48	34	...
67	53	52	41	69	48	34	...
64	60	55	42	90	53	47	...
...	...	...	...	...	...	...	...
74	73	64	68	107	131	82	...
75	90	64	68	124	167	88	...
73	94	66	70	136	161	73	...
79	93	71	72	132	178	89	...
80	87	67	75	135	179	84	...
90	93	74	84	156	199	96	...
84	97	73	86	157	194	96	...
79	98	79	85	151	196	86	...
79	98	79	85	151	194	129	...
49	42	49	39	48	31	24	...
30	56	30	46	103	163	105	...
81	96	72	84	145	195	124	...
50	42	48	38	44	32	26	...
31	54	24	46	101	163	98	...
81	96	71	85	149	186	125	68
49	42	48	38	46	32	26	31
32	54	23	47	103	154	99	37

Table 9.20 – NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS

	Philippines	NCR	I	II	III	IV
1980						
Doctors	7,259	1,094	714	424	658	1,148
Dentists	1,027	65	68	57	96	145
Nurses	9,426	1,568	955	579	774	1,410
Midwives	9,320	94	859	616	972	1,101
1981						
Doctors	7,378	1,144	740	457	718	1,087
Dentists	1,090	70	90	79	99	141
Nurses	9,644	1,444	981	642	842	1,390
Midwives	9,470	92	913	640	971	1,125
1982						
Doctors	7,605	1,180	741	454	714	1,078
Dentists	1,135	70	104	79	101	171
Nurses	10,230	1,487	1,028	670	855	1,398
Midwives	9,719	92	1,012	640	992	1,124
1983						
Doctors	8,282	1,267	940	519	785	1,036
Dentists	1,172	74	106	86	109	174
Nurses	11,455	1,748	1,310	764	1,028	1,457
Midwives	9,723	108	1,014	642	991	1,111
1984						
Doctors	8,315	1408	811	516	784	1,025
Dentists	1,117	74	108	84	48	176
Nurses	11,165	1,759	999	768	1,031	1,468
Midwives	9,130	111	1,014	642	990	1,113

AND OTHER MEDICAL PRACTITIONERS BY REGION: 1980 to 1989

V	VI	VII	VIII	IX	X	XI	XII
465	541	453	485	267	413	316	281
79	80	70	88	49	85	98	47
580	759	665	607	369	510	368	282
743	859	877	687	589	683	652	588
494	538	497	332	281	437	354	299
81	81	74	89	51	85	102	48
666	798	668	671	418	562	237	325
743	859	877	737	589	684	652	588
496	540	506	507	286	440	357	306
81	81	73	89	52	84	104	46
678	815	771	686	445	577	440	380
743	860	929	737	589	684	673	644
483	663	517	514	363	455	407	333
83	86	73	90	54	84	106	47
705	901	794	714	504	600	519	411
743	864	929	738	588	692	659	644
481	661	510	515	387	474	411	332
85	87	74	91	52	85	106	47
706	1,008	800	698	486	512	525	405
143	864	928	738	589	692	662	644

Table 9.20 – NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS

	Philippines	NCR	I	II	III	IV
1985						
Doctors	8,524	1,555	850	500	774	1,016
Dentists	1,146	74	107	80	98	168
Nurses	10,424	1,617	1,051	686	868	1,302
Midwives	9,792	106	1,014	641	996	1,112
1986						
Doctors	8,817	1,734	856	503	777	1,040
Dentists	1,120	74	106	79	93	154
Nurses	10,612	1,597	1,035	692	883	1,315
Midwives	9,789	107	1,014	641	992	1,112
1987						
Doctors	8,817	1,734	856	503	777	1,040
Dentists	1,120	74	106	79	93	154
Nurses	10,612	1,597	1,035	692	883	1,315
Midwives	9,789	107	1,014	641	992	1,112
1988						
Doctors	9,137	1,920	871	523	798	987
Dentists	1,165	105	108	81	110	156
Nurses	12,166	2,095	1,138	777	1,041	1,310
Midwives	10,307	331	1,084	654	1,007	1,128
1989						
Doctors	9,546	2,109	892	539	810	1,037
Dentists	1,163	109	108	81	110	156
Nurses	12,170	2,122	1,138	777	1,041	1,310
Midwives	10,367	330	1,084	654	1,007	1,128

Source: Department of Health, Personnel Division.

AND OTHER MEDICAL PRACTITIONERS BY REGION: 1980 to 1989 (cont'd)

V	VI	VII	VIII	IX	X	XI	XII
531	582	563	538	346	486	440	343
81	83	74	91	52	86	107	45
686	834	780	693	476	594	451	386
743	926	929	738	589	692	662	644
544	601	570	549	362	479	449	353
81	82	70	91	52	85	106	47
710	866	796	718	517	606	471	406
743	926	929	738	589	692	662	644
544	601	570	549	362	479	449	353
81	82	70	91	52	85	106	47
710	866	796	718	517	606	471	406
743	926	929	738	589	692	662	644
561	645	596	558	401	505	403	369
82	90	85	92	57	43	106	50
737	962	922	857	582	678	603	464
778	985	872	746	618	776	678	650
578	659	604	582	413	523	423	377
82	91	78	92	57	43	106	50
737	962	899	857	582	678	603	464
778	985	933	746	618	776	678	650

Table 9.21 – NUMBER OF BARANGAY

Year	Philippines	NCR	I	II	III	IV
1980	7,353	500	759	567	381	964
1981	7,991	50	830	499	1,005	1,188
1982	7,991	50	830	499	1,005	1,188
1983	7,991	50	830	499	1,005	1,188
1984	7,991	50	830	499	1,005	1,188
1985	7,991	50	830	499	1,005	1,188
1986	8,844	16	964	499	1,393	1,182
1987	9,329	28	920	576	1306	1340
1988	9,184	17	912	553	1,211	1,383
1989	9,145	19	748	458	1,114	1,413

Source : Department of Health, Internal Planning Service.

Table 9.22 – NUMBER OF RURAL

Year	Philippines	NCR	I	II	III	IV
1980	1,991	324	205	116	179	254
1981	1,991	324	205	116	179	254
1982	1,991	324	205	116	179	254
1983	1,991	324	205	116	179	254
1984	1,991	324	205	116	179	254
1985	1,991	324	205	116	179	254
1986	1,991	324	205	116	179	254
1987	1,963	186	199	123	206	270
1988	2,072	255	191	124	206	272

Source : Department of Health, Internal Planning Service.

HEALTH STATIONS: 1980 to 1989

V	VI	VII	VIII	IX	X	XI	XII
658	767	638	504	130	609	508	368
658	805	732	533	150	550	608	383
658	805	732	533	150	550	608	383
658	805	732	533	150	550	608	383
658	805	732	533	150	550	608	383
658	805	732	533	150	550	608	383
714	932	672	574	312	535	564	487
749	860	871	570	377	608	576	548
757	877	922	605	381	619	597	350
759	998	949	570	382	619	664	452

HEALTH UNITS: 1980 to 1988

V	VI	VII	VIII	IX	X	XI	XII
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	127	138	150	87	124	82	90
115	133	182	146	112	126	86	79
125	137	177	160	116	126	86	97

Table 9.23 – NUMBER OF ESTABLISHMENTS INVOLVED

	Total	NCR	I	II	III	IV
1989	4,109	3,363	28	34	39	287
1. Drug Manufacturer	210	187	–	–	–	11
2. Cosmentic Laboratory	130	125	–	–	–	4
3. Drug Trader	287	278	–	–	4	2
4. Cosmetic Trader	11	11	–	–	–	–
5. Food Establishment	3,357	2,704	28	34	35	265
6. Household/Hazardous	114	58	–	–	–	5
7. Drug Distributor/Importer/ Exporter/Wholesaler	0	–	–	–	–	–
8. Medical Device Distributor Import/Exporter/Wholesaler	0	–	–	–	–	–
9. Cosmetic Distributor/Importer Exporter/Wholesaler	0	–	–	–	–	–
1990 [1]	25,728	4,517	540	469	1,027	1,679
1. Drug Manufacturer	280	177	2	3	23	16
2. Cosmentic Laboratory	194	155	1	0	14	7
3. Drug Trader	349	340	0	0	1	3
4. Cosmetic Trader	11	11	0	0	0	0
5. Food Establishment	11,579	3,543	527	458	977	1,634
6. Household/Hazardous	236	193	1	2	1	11
7. Drug Distributor/Importer/ Exporter/Wholesaler	187	82	9	6	11	8
8. Medical Device Distributor Import/Exporter/Wholesaler	13	4	0	0	0	0
9. Cosmetic Distributor/Importer Exporter/Wholesaler	15	12	0	0	0	0

1 as of June 1990.

Source: Bureau of Food and Drug Administration.

IN FOOD AND DRUG PRODUCTION BY REGION: 1989 – 1990

V	VI	VII	VIII	IX	X	XI	XII
43	23	72	34	91	22	57	16
1	–	7	2	–	2	–	–
–	–	1	–	–	–	–	–
1	–	1	–	–	–	1	–
–	–	–	–	–	–	–	–
41	23	61	32	42	20	56	16
–	–	2	–	49	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
297	844	1,096	384	582	556	694	476
4	7	32	3	2	2	7	2
2	2	13	0	0	0	0	0
1	0	1	0	0	0	3	0
0	0	0	0	0	0	0	0
281	528	1,027	372	573	537	669	453
0	1	6	0	2	0	2	17
7	9	14	4	3	17	13	4
1	0	3	4	1	0	0	0
1	0	0	1	1	0	0	0

Table 9.24 – NUMBER OF ESTABLISHMENTS INVOLVED BY REGION:

Classification	Total	NCR	I	II	III	IV	V
1988	10,530	2,768	531	502	915	1,043	417
Retail Drugstores	6,616	1,446	411	300	710	418	300
Drug Distributors Cosmetics and Medical Device	548	253	2	7	46	27	12
Hospital Pharamcies	909	84	64	52	106	134	48
Chinese Drugstores	35	25	0	0	0	0	1
Exporters							
Food	242	230	2	0	0	2	2
Importers							
Household Hazardous	2,180	730	52	143	53	462	54
1989	12,400	3,403	621	541	918	1,831	436
Retail Drugstores	7,868	1,708	467	322	710	1,173	302
Drug Distributors Cosmetics and Medical Device	826	464	19	16	51	50	22
Hospital Pharamcies	979	115	68	58	104	145	49
Chinese Drugstores	36	26	0	0	0	0	1
Exporters	130	109	2	0	0	4	3
Food Importers	244	239	0	0	0	0	0
Household Hazardous	2,189	738	52	143	53	457	54
Temporary Permit Durgstores	128	4	13	2	0	2	5

Source: Bureau of Food and Drug Administration.

IN THE DISTRIBUTION OF FOOD AND DRUGS
1988 – 1989

VI	VII	VIII	IX	X	XI	XII
930	691	355	551	562	707	558
785	530	254	241	411	446	364
32	52	11	21	38	28	19
78	82	49	35	67	69	41
3	2	0	0	0	1	3
1	3	0	1	0	0	1
31	22	41	253	46	163	130
979	742	398	601	603	728	599
837	549	276	257	428	460	379
24	53	21	16	37	30	23
83	90	53	33	66	72	43
3	2	0	0	0	1	3
1	4	0	6	0	0	1
0	5	0	0	0	0	0
31	27	35	259	46	165	129
0	12	13	30	26	0	21

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, graduates of nonformal education, and the number of examinees who passed the board and bar examinations.

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

Table 10.1	Number of Government and Private Schools by Level of Education: SY 1960-61 to SY 1988-89	10-4
Table 10.2	Number of Government and Private Schools by Level of Education and by Region: SY 1987-88 to SY 1988-89	10-6
Table 10.3	Number of Pre-School, Elementary and Secondary Teachers in Government Schools by Region: SY 1980-81 to SY 1988-89	10-8
Table 10.4	Pre-School, Elementary and Secondary Enrolment in Government and Private Schools: SY 1954-55 to SY 1988-89	10-10
Table 10.5	Tertiary Enrolment in Government and Private Schools by Field of Study and by Region: SY 1988-89	10-12
Table 10.6	Tertiary Graduates by Program, by Region and by Major Category: SY 1988-89	10-14
Table 10.7	Number of Teachers in Government and Private Tertiary Institutions by Region: SY 1981-82 to SY 1986-87	10-16
Table 10.8	Budget of the Department of Education, Culture and Sports as a Percentage of the National Government Budget: 1956 to 1990	10-17
Table 10.9	Number of Graduates in Non-Formal Education by Region: 1982 to 1989	10-18
Table 10.10	Number of Examinees Who Passed the Board/Bar Examinations: 1976 to 1989	10-20
Figure 10.1	Number of Government and Private Schools by Level of Education: SY 1983-84 to SY 1987-88	10-3

Figure 10.1 Number of Government and Private Schools by Level of Education, SY 1984 - 1985 to SY 1988 - 1989

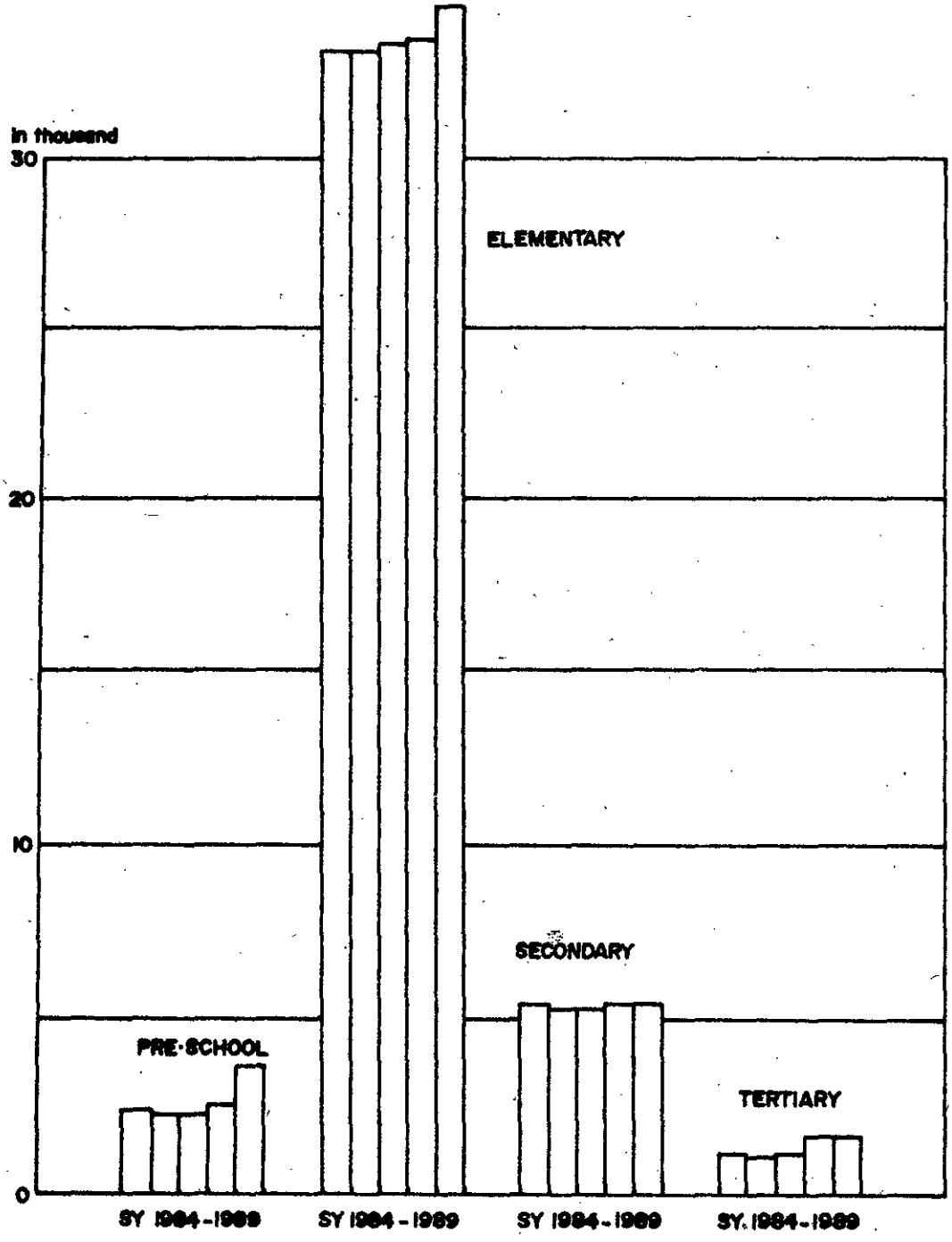


Table 10.1 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

School year	Pre-School			Elernentary		
	Total	Government	Private[1]	Total	Government	Private[2]
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
1988-89	3,691	2,548	1,143	34,526	32,875	1,651

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

2 Includes schools attached to secondary and tertiary institutions.

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

4 Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

BY LEVEL OF EDUCATION: SY 1960-61 TO 1988-89

Secondary			Tertiary		
Total	Government [3]	Private[4]	Total	Government	Private
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
5,496	3,347	2,149	1,675	424	1,251

Table 10.2 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

Level of Education	Philippine	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4	Region 5
SY 1987–1988							
Pre-School	2,572	609	216	77	283	500	212
Government	1,292	187	127	42	95	229	209
Private	1,280	422	89	35	188	271	3
Elementary	33,544	759	2,991	2,227	2,556	4,072	2,859
Government	32,000	457	2,845	2,176	2,401	3,818	2,780
Private	1,544	302	146	51	155	254	79
Secondary	5,410	333	634	273	461	794	432
Governemt	3,307	104	421	157	262	463	289
Private	2,103	229	213	116	199	331	143
Tertiary	1,606	298	120	68	125	177	118
Government	428	19	29	26	32	51	32
Private	1,178	279	91	42	93	126	86
SY 1988–1989							
Pre-School	3,691	628	280	106	446	770	224
Government	2,548	292	235	73	258	530	221
Private [1]	1,143	336	45	33	188	240	3
Elementary	34,526	806	2,272	1,810	2,584	4,139	2,885
Government	32,875	455	2,197	1,753	2,421	3,896	2,806
Private [2]	1,651	351	75	57	163	243	79
Secondary	5,496	346	517	220	449	823	436
Governemt [3]	3,347	104	356	126	258	472	292
Private [4]	2,149	242	161	94	191	351	144
Tertiary	1,675	264	123	69	127	187	137
Government	424	19	27	26	31	49	34
Private	1,251	245	96	43	96	138	103

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 1987–88 to 1988–89

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
338	121	81	32	49	42	12	
263	46	63	9	20	1	1	
75	75	18	23	29	41	11	
3,205	2,608	3,024	2,323	2,522	2,300	2,098	
3,015	2,540	2,998	2,282	2,458	2,178	2,052	
190	68	26	41	64	122	46	
530	362	353	242	374	346	276	
381	194	281	172	224	190	169	
149	168	72	70	150	156	107	
162	89	86	75	105	110	73	
74	19	57	31	22	14	22	
88	70	29	44	83	96	51	
506	162	86	39	65	151	191	37
431	87	68	16	36	110	180	11
75	75	18	23	29	41	11	26
3,246	2,646	3,273	2,425	2,559	2,447	2,252	1,182
3,044	2,570	3,246	2,384	2,470	2,301	2,204	1,128
202	76	27	41	89	146	48	54
517	378	363	245	388	365	275	174
369	206	289	174	228	208	168	97
148	172	74	71	160	157	107	77
158	107	83	73	111	114	86	36
67	22	56	24	23	15	20	11
91	85	27	49	88	99	66	25

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

Level of Education	Philippine	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region	Region	Region 5
Pre-School							
1980-81	1,194	242	219	37	57	57	27
1981-82	1,623	423	240	35	60	79	29
1982-83	1,464	361	271	18	57	114	46
1983-84	1,579	336	285	154	66	93	53
1984-85	1,567	646	78	19	36	282	102
1985-86	...	...	...	...	...	...	...
1986-87	205	...	...	...	...	...	205
1987-88	...	...	...	...	...	...	...
1988-89	...	...	...	...	...	...	...
Elementary							
1980-81	255,343	22,481	23,319	11,543	24,272	31,885	20,668
1981-82	261,131	23,413	23,026	11,821	24,389	32,462	20,902
1982-83	261,860	23,414	23,390	11,822	24,389	32,478	20,902
1983-84	270,493	24,665	23,115	12,280	25,028	33,642	21,506
1984-85	270,693	24,761	22,933	12,434	25,123	34,156	21,614
1985-86	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1986-87	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1987-88	284,780	25,764	23,395	13,292	26,799	36,728	22,724
1988-89	289,719	25,873	19,631	11,412	27,217	37,593	22,879
Secondary							
1980-81	52,435	10,247	5,239	2,774	3,988	5,508	3,075
1981-82	54,555	10,769	5,655	2,707	4,311	5,792	3,241
1982-83	56,257	10,112	5,644	2,796	3,966	6,882	3,743
1983-84	59,263	8,092	6,233	2,413	4,820	7,356	4,668
1984-85	61,750	8,434	6,494	2,514	5,022	7,665	4,864
1985-86	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1986-87	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1987-88	69,226	10,924	6,647	3,069	5,528	8,951	4,038
1988-89	79,514	11,790	7,398	3,242	6,198	9,697	4,737

Source: Department of Education, Culture and Sports.

TEACHERS IN GOVERNMENT SCHOOLS BY REGION: SY 1980–81 TO 1988–89

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
311	30	75	10	37	11	81	
475	42	47	22	16	61	94	
380	37	44	27	17	18	74	
298	71	56	11	31	27	98	
250	25	47	25	15	5	37	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
28,282	19,865	18,167	12,581	13,921	15,742	12,617	
28,025	20,547	18,496	13,913	14,384	15,851	13,902	
28,198	20,547	18,499	13,880	14,534	15,851	13,956	
28,864	21,920	18,710	13,863	14,947	17,129	14,824	
28,686	20,664	18,542	13,994	14,786	17,952	15,048	
29,084	20,876	18,867	15,143	15,387	18,221	15,269	
29,084	20,876	18,867	15,143	15,387	18,221	15,269	
29,258	21,168	18,814	15,566	16,327	19,153	15,792	
29,447	21,359	18,988	16,123	17,125	20,150	15,976	5,946
6,779	2,248	3,479	1,999	1,840	2,890	2,369	
7,123	2,299	3,500	1,985	2,399	3,146	1,628	
7,873	2,491	2,722	1,979	2,846	3,294	1,909	
7,707	2,801	3,490	2,510	3,128	3,661	2,384	
8,030	2,918	3,636	2,615	3,259	3,815	2,484	
7,630	2,157	3,584	2,466	3,410	3,969	2,370	
7,630	2,157	3,584	2,466	3,410	3,969	2,370	
9,917	2,588	4,175	2,838	3,379	4,118	3,054	
10,735	3,461	4,558	3,473	4,082	5,088	3,487	1,568

Table 10.4 – PRE-SCHOOL, ELEMENTARY AND SECONDARY SY 1954–55

School Year	Pre-School			
	Total	Government	Private	Total
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	164,260	64,308	99,952	9,229,595
1987–88	204,912	79,971	124,941	9,601,322
1988–89	274,106	136,843	137,263	9,972,571

Source: Department of Education, Culture and Sports.

ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS: to 1988–1989

Elementary			Secondary	
Government	Private	Total	Government	Private
3,305,103	139,314	559,868	187,373	372,495
3,970,750	179,993	611,544	200,164	411,380
5,330,334	247,567	961,559	318,498	643,061
6,521,143	334,358	1,591,356	675,840	915,516
6,627,743	341,244	1,719,386	762,984	956,402
6,659,544	342,426	1,800,684	812,260	988,424
6,667,644	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
9,323,637	648,934	3,737,104	2,354,620	1,382,484

Table 10.5 – TERTIARY ENROLMENT IN GOVERNMENT AND SCHOOL YEAR

Field of study	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3
Total	1,308,000	495,889	99,736	34,252	97,788
Arts and Sciences	191,772	86,069	12,471	5,039	8,850
Teacher Training & Education	185,649	24,073	18,592	9,072	23,206
Engineering and Technology	281,513	123,278	19,002	4,808	20,707
Medical and Health Related Programs	160,391	77,687	18,022	777	6,840
Commerce/Business Management	421,385	169,754	25,963	12,039	32,680
Agriculture, Forestry, Fish and Veterinary Medicine	39,866	1,341	3,185	2,517	5,189
Law	25,838	12,499	2,501	0	316
Religion/Theology	1,586	1,188	0	0	0

* Projection.

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

IVATE SCHOOLS BY FIELD OF STUDY AND BY REGION:
8 – 1989*

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
81,523	61,657	109,792	100,241	30,470	41,280	57,009	57,611	40,752
11,881	9,574	12,348	12,385	3,488	6,728	8,042	8,528	6,369
15,859	13,797	16,646	12,715	10,077	9,211	11,992	10,619	9,790
10,692	10,038	23,918	29,813	4,483	5,364	12,171	10,664	6,575
8,678	6,512	12,986	10,322	589	3,807	4,289	6,885	2,997
28,445	18,182	36,061	30,940	8,247	11,523	17,070	18,351	12,130
5,369	2,007	5,716	1,682	3,041	3,367	2,661	1,517	2,274
596	1,547	2,028	2,289	545	1,280	784	914	539
3	0	89	95	0	0	0	133	78

Table 10.6 – TERTIARY GRADUATES BY PROGRAM,

Program	Philippines	Metropolitan Manila Area (NCR)	CAR	Region 1	Region 2	Region 3
Total	227,118	66,466	4,127	15,572	6,347	18,127
Arts and Sciences	30,700	13,397	709	930	820	1,344
Teacher Training & Education	35,882	2,921	458	3,623	1,821	3,265
Engineering and Technology	33,409	9,319	886	2,296	654	2,291
Medical and Health Related Programs	35,629	15,476	968	3,090	116	3,808
Commerce/Business Management	81,575	23,910	936	4,925	2,434	6,773
Agriculture, Forestry, Fish and Veterinary Medicine	7,552	910	71	435	502	611
Law	2,158	513	34	273	0	35
Religion/Theology	213	20	65	0	0	0

* Projection.

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

*BY REGION, AND BY MAJOR CATEGORY: SY 1988–89**

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
17,684	12,352	18,100	15,897	6,943	6,427	20,014	11,543	7,519
2,284	2,187	1,538	1,191	178	853	2,771	1,462	1,036
3,808	2,522	3,140	2,347	1,550	1,483	4,476	2,723	1,745
2,049	1,648	3,700	3,843	763	982	2,881	1,183	914
1,491	1,823	1,723	3,202	341	837	796	1,155	803
7,391	3,502	7,158	4,566	2,952	1,746	8,362	4,510	2,410
651	542	533	378	928	412	596	490	493
10	128	308	310	193	114	132	7	101
0	0	0	60	38	0	0	13	17

Table 10.7 – NUMBER OF TEACHERS IN GOVERNMENT AND PRIVATE TERTIARY INSTITUTIONS BY REGION: SY 1981–82 to 1986–87

Region	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
Philippines	45,893	49,363	72,537	50,767	54,053	56,380
Metropolitan Manila Area (National Capital Region)	15,185	16,482	28,246	14,797	17,416	17,416
CAR – Cordillera						1,571
Region 1	4,085	5,222	5,998	4,343	2,910	2,400
Region 2	832	608	2,337	1,853	2,225	2,225
Region 3	2,959	3,533	5,354	3,914	3,896	4,058
Region 4	3,370	3,842	3,724	4,605	3,917	4,362
Region 5	2,422	3,092	3,317	3,057	3,218	3,357
Region 6	3,534	3,472	4,685	4,221	4,199	4,409
Region 7	4,178	4,395	5,157	3,028	4,000	4,000
Region 8	1,621	1,581	2,396	2,416	2,149	1,990
Region 9	1,471	1,625	2,044	1,468	1,717	1,716
Region 10	2,005	2,005	2,911	2,781	2,823	2,813
Region 11	2,230	2,164	3,276	2,870	2,608	2,702
Region 12	2,001	1,342	3,092	1,414	2,975	3,361

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: 1960 TO 1990

Year	National Budget (in thousand pesos)	DECS Budget (in thousand pesos)	Percent of the National Government Budget
1960	899,676	247,387	27.50
1961	1,092,919	306,880	28.08
1962	1,189,618	352,030	29.59
1963	1,382,979	404,771	29.27
1964	1,972,081	507,155	25.72
1965	2,102,364	555,250	26.41
1966	2,003,049	596,212	29.77
1967	2,073,825	646,124	31.16
1968	2,276,471	688,910	30.26
1969	2,904,718	780,265	26.86
1970	3,323,699	829,945	24.97
1971	3,716,216	1,004,394	27.03
1972	5,562,000	1,093,620	19.66
1973	7,909,000	1,296,696	16.40
1974	12,897,000	1,496,355	11.60
1975	16,684,000	1,643,183	9.85
1976	29,843,000	1,681,387	5.63
1977	28,577,000	2,040,000	7.14
1978	34,422,000	3,195,276	9.28
1979	41,739,000	3,447,234	8.26
1980	41,424,000	3,414,378	8.24
1981	49,481,000	3,827,280	7.73
1982	35,854,000	4,387,012	12.24
1983	61,799,000	5,471,935	8.85
1984	92,107,000	5,613,082	6.09
1985	92,511,000	6,145,907	6.64
1986	115,102,000	8,712,162	7.57
1987	194,266,000	12,321,912	6.34
1988	162,250,000	15,100,335	9.31
1989	227,421,000	23,578,787	10.37
1990	233,508,000	28,177,760	12.07

Source: Planning and Programming Division, Department of Education, Culture and Sports;
National Budget, Commission on Audit Annual Financial Report; and
Department of Budget and Management, Budget of Expenditures and Sources of Financing.

Table 10.9 – NUMBER OF GRADUATES IN NON-CY 1982

Region	1982		1983		1984	
	FL	LSD	FL	LSD	FL	LSD
Philippines	56,411	1,262,913	46,655	819,298	85,543	2,320,062
Metropolitan Manila Area (National Capital Region)	551	57,960	617	33,249	678	62,850
CAR – Cordillera						
Region 1	2,487	59,875	832	33,727	1,129	35,711
Region 2	2,831	44,639	2,016	17,414	1,667	25,428
Region 3	804	112,820	1,416	11,654	2,580	65,115
Region 4	5,280	26,432	1,620	36,870	4,112	43,934
Region 5	3,874	123,319	9,730	78,673	9,337	45,704
Region 6	1,909	57,293	2,618	77,382	3,598	75,074
Region 7	7,937	45,078	1,881	58,976	12,302	273,379
Region 8	2,044	112,796	2,199	10,977	714	8,209
Region 9	13,581	165,412	9,505	45,080	30,294	1,353,067
Region 10	4,815	124,330	1,970	51,999	1,904	22,365
Region 11	7,061	310,096	7,104	299,858	11,410	282,762
Region 12	3,237	22,863	5,147	63,439	5,818	26,464

FL – Functional Literacy
LSD – Livelihood Skills Development
CAR – Cordillera Autonomus Region was implemented in 1988

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

FORMAL EDUCATION BY REGION:
to 1989

1985		1986		1987		1988		1989	
FL	LSD	FL	LSD	FL	LSD	FL	LSD	FL	LSD
48,854	257,003	67,797	283,138	94,953	337,335	126,629	346,867	74,513	269,011
1,179	39,602	583	28,655	927	23,271	833	18,876	624	16,162
						1,990	4,842	1,736	7,460
1,128	11,939	797	15,309	2,085	12,943	20,505	11,365	1,634	35,985
2,110	12,390	2,345	11,002	2,664	5,967	1,525	7,610	1,250	6,266
2,403	7,219	1,281	4,723	3,553	6,132	6,831	11,760	3,280	25,410
2,299	24,928	2,742	30,799	4,175	5,124	1,040	10,875	4,964	13,042
8,825	13,759	1,764	7,603	7,599	16,403	8,639	13,040	16,084	13,394
3,044	19,514	6,018	15,759	6,937	18,259	5,641	19,173	12,486	20,824
4,411	32,493	20,581	102,725	25,329	176,603	21,248	172,823	9,648	72,736
8,417	15,136	6,549	9,768	2,552	9,206	1,374	6,421	1,968	6,750
2,289	49,463	12,447	15,233	10,274	17,221	11,758	8,421	3,637	5,340
2,038	13,858	1,710	20,667	3,248	12,865	5,322	27,159	2,193	18,059
5,269	9,178	5,539	12,291	7,014	20,209	6,722	21,786	5,800	21,908
5,442	7,524	5,441	8,604	18,596	13,132	33,201	12,716	9,209	5,675

Table 10.10 – NUMBER OF EXAMINEES WHO

Board/Bar Examination	1976	1977	1978	1979	1980
TOTAL	37,735	41,932	45,180	42,653	36,342
Agriculture Engineer	72	112	214	305	192
Aeronautical Engineer	–	–	–	–	–
Architect	317	350	384	401	184
Bar	985	1,038	1,076	903	605
Certified Public Accountant	2,294	3,527	3,005	3,929	3,295
Chemical Engineer	698	971	743	809	588
Chemist	238	252	307	291	168
Civil Engineer	1,464	1,849	1,947	1,664	2,028
Criminology	–	–	–	–	–
Customs Broker	–	201	392	216	–
Deck Officer (all grades)	3,907	2,955	3,427	3,248	2,841
Dentist	404	391	501	529	814
Dietician/Nutritionist	138	28	886	671	541
Electrical Engineer (all grades)	1,931	2,054	1,912	1,941	1,710
Electronics and Communication Engineer	154	153	135	115	–
Engine Officer (all grades)	5,178	4,554	3,913	2,740	2,492
Forester	–	293	235	185	185
Geodetic Engineer	73	95	90	136	150
Geologist	49	64	73	96	52
Interior Design	–	–	–	–	–
Landscape Architecture	–	–	–	–	–
Master Plumber	–	41	63	90	50
Mechanical Engineer	1,988	2,705	2,718	2,379	–
Medicine (with Prelims)	1,204	1,262	1,307	1,272	1,273
Medical Technology	1,035	1,578	1,280	1,178	–
Metallurgical Engineer	–	–	–	–	–
Midwife	6,428	6,025	4,804	4,515	3,199
Mining Engineer	54	94	110	138	113
Naval Architect	7	5	11	15	2
Nurse	8,223	9,891	14,112	13,314	13,988
Optometry	126	195	230	188	246
Pharmacy	444	527	571	553	595
Physical Therapy/Occupational Therapy	21	50	66	88	10
Sanitary Engineer	20	38	40	56	64
Social Worker	222	555	528	596	826
Sugar Technology	–	–	–	–	–
Veterinarian	61	79	100	92	131

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

PASSED THE BOARD/BAR EXAMINATIONS: 1976 to 1989

1981	1982	1983	1984	1985	1986	1987	1988	1989
41,776	41,597	39,572	40,676	39,345	36,451	31,603	34,912	31,989
370	446	429	318	136	102	88	82	77
–	–	38	26	35	21	27	45	–
266	309	448	501	623	684	364	371	369
841	433	523	563	701	491	480	689	639
4,740	4,612	5,188	5,407	4,485	4,243	3,850	2,440	2,638
690	1,052	1,089	1,216	911	981	692	377	432
196	212	263	241	205	120	44	114	86
3,183	4,628	4,554	5,680	5,575	3,936	2,675	2,119	978
–	–	–	–	–	–	–	302	–
179	–	239	–	192	–	144	–	–
4,009	4,828	4,847	4,681	4,046	2,116	1,271	1,242	1,507
834	1,102	1,320	1,468	1,566	1,634	948	2,183	1,225
675	555	510	390	330	338	290	265	306
2,100	2,109	1,934	2,661	2,818	2,575	2,619	2,574	994
113	157	209	443	403	783	802	903	1,010
3,397	3,831	3,898	4,085	4,064	2,238	1,309	840	–
169	229	293	240	286	284	85	172	–
297	287	238	382	354	355	233	347	–
64	92	55	58	74	53	39	36	–
–	–	11	41	32	45	39	34	–
–	–	–	4	5	6	0	0	7
69	58	90	55	71	29	20	14	9
2,031	2,621	2,617	2,479	2,100	2,363	2,546	2,406	981
1,222	1,689	1,655	1,541	1,895	3,621	1,894	2,818	2,537
855	673	842	1,034	1,017	1,373	1,407	1,911	2,336
8	17	10	17	17	11	23	17	12
3,783	2,447	2,588	2,135	2,475	2,486	3,629	4,273	6,352
105	84	101	88	73	88	77	50	51
6	10	37	44	23	29	11	18	8
9,633	7,416	3,853	2,977	3,094	3,773	4,452	6,351	7,366
227	227	265	324	265	226	251	227	315
605	570	605	680	476	608	506	864	813
83	117	94	154	171	189	156	157	259
95	60	50	107	115	85	51	91	111
735	570	472	434	425	307	246	275	254
–	17	9	–	–	–	–	–	–
196	139	198	202	287	258	335	305	317

11 LABOR AND EMPLOYMENT

Statistics on the labor force and its characteristics are significant indicators of the country's state of development. Data on the proportion of the labor force engaged in the primary, secondary and tertiary industries reflect the major changes in the structures of the economy as a result of advancement. The labor force participation rate and employment status are determinants of productive activity while the regional dimensions of the labor force and employment demonstrate the extent of regional development. The sex composition, meanwhile, is a factor to reckon with in determining labor productivity which is also a measure of economic growth. Data on legislated wage rates are used to measure the workers' welfare by comparing the rates with the increases in commodity prices. Lastly, the number of Filipino workers employed overseas not only shows the magnitude by which the foreign markets absorb local manpower resources but also serves as an indicator to be used in rationalizing export of labor.

Data on labor and employment, therefore, are not mere reflections of the conditions of the working populace. A more significant use of these data is that they serve as inputs to government processes involving the formulation of policies aimed at providing adequate employment opportunities for the social upliftment of the constituents of the sector.

Labor force is the part of population 15 years old and over that is either employed or unemployed during the reference period. Prior to the November 1976 survey, however, labor force 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.

Table 11.1	Household Population 15 Years Old and Over by Employment Status and by Region: October 1981 to 1989	11-4
Table 11.2	Labor Force Participation Rate, Employment Status, Urban and Rural: 1981 to 1989	11-9
Table 11.3	Employed Persons by Major Industry and by Major Occupation Groups and by Region: October 1989	11-10
Table 11.4	Employed Persons by Major Industry Group by Sex: 1970 to 1990	11-12
Table 11.5	Employed Persons by Major Occupation Group by Sex: 1970 to 1990	11-16
Table 11.6	Legislated Money and Real Wage Rates in the Non-Agricultural and Agricultural Sectors, Metro Manila and Areas Outside Metro Manila: 1972 to 1990	11-20
Table 11.7	Overseas Contract Workers: 1975 to 1989	11-25
Table 11.8	Processed Land-Based Contract Workers by Major Occupation Group: 1975 to 1987	11-26
Table 11.9	Processed Land-Based Contract Workers by Major World Groupings: 1975 to 1987	11-26
Table 11.10	Deployed Land-Based contract Workers by Major World Groupings: 1984 to 1989	11-28
Table 11.11	Deployed Overseas Contract Workers: 1984 to 1989	11-28

Figure 11.1	Labor Force by Employment Status, 1981 to 1989	11-8
Figure 11.2	Number of Processed Overseas Contract Workers, 1981 to 1989	11-24

Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND OCTOBER

		Philippines	Metro Manila Area (National Capital Region)	1	2	3
Projected household population 15 years old and over:						
Number (in thousand)	*1981*	29,847	3,976	2,195	1,357	2,981
	1982	30,748	4,092	2,240	1,400	3,086
	1983	31,644	4,203	2,286	1,443	3,191
	1984	32,679	4,413	2,332	1,487	3,298
	1985	33,646	4,575	2,376	1,531	3,405
	1986	34,612	4,738	2,419	1,574	3,512
	1987	34,840	4,865	2,496	1,576	3,519
	1988	35,865	5,005	2,096	1,409	3,629
	1989	36,916	5,148	2,148	1,453	3,741
Percent in the labor force	*1981*	61.2	54.9	61.8	65.1	57.6
	1982	60.1	57.4	59.8	62.9	55.3
	1983	63.6	55.4	63.1	72.3	56.7
	1984	63.5	60.7	60.2	68.8	57.5
	1985	63.4	60.4	57.8	66.4	57.9
	1986	63.8	58.6	59.7	69.5	59.1
	1987	65.7	60.0	62.4	70.3	62.2
	1988	65.4	60.2	64.4	69.9	61.9
	1989	64.4	58.5	63.0	68.4	61.6
Percent of labor force:						
Employment Rate	*1981*	91.3	84.0	94.2	92.8	87.5
	1982	90.6	81.3	93.8	93.2	86.2
	1983	92.1	84.7	92.8	95.0	86.4
	1984	89.4	78.1	91.0	92.0	86.8
	1985	88.9	73.9	90.3	93.4	88.1
	1986	88.9	71.4	90.6	93.9	88.8
	1987	90.9	81.7	90.6	95.2	87.2
	1988	91.7	82.8	92.4	95.0	90.4
	1989	91.4	86.3	92.0	95.2	90.2
Unemployment Rate	*1981*	8.7	16.0	5.8	7.2	12.5
	1982	9.4	18.7	6.2	6.8	13.8
	1983	7.9	15.3	7.2	5.0	13.6
	1984	10.6	21.9	9.0	8.0	13.2
	1985	11.1	26.1	9.7	6.6	11.9
	1986	11.1	28.6	9.4	6.1	11.2
	1987	9.1	18.3	9.4	4.8	12.8
	1988	8.3	17.2	7.6	5.0	9.6
	1989	8.6	16.7	7.2	4.8	9.8

OVER BY EMPLOYMENT STATUS AND BY REGION:
1981 to 1989

Region									
4	5	6	7	8	9	10	11	12	CAR
3,817	2,058	2,776	2,342	1,687	1,545	1,687	2,067	1,360	
3,954	2,104	2,851	2,408	1,731	1,590	1,746	2,151	1,395	
4,094	2,152	2,907	2,478	1,776	1,637	1,808	2,238	1,431	
4,236	2,200	3,001	2,543	1,820	1,685	1,871	2,327	1,467	
4,378	2,248	3,073	2,609	1,863	1,734	1,934	2,417	1,504	
4,522	2,294	3,144	2,674	1,906	1,782	1,998	2,508	1,541	
4,536	2,347	3,150	2,670	1,871	1,760	2,013	2,426	1,610	
4,690	2,417	3,234	2,736	1,920	1,812	2,078	2,501	1,661	678
4,850	2,488	3,319	2,805	1,969	1,865	2,145	2,578	1,714	695
60.3	63.4	62.2	66.6	62.4	52.1	65.4	67.3	62.8	
60.3	63.7	61.2	64.6	60.0	52.3	59.3	64.4	62.6	
63.0	70.8	68.0	68.6	66.7	54.1	69.8	65.8	64.5	
57.5	68.0	63.5	68.6	77.9	58.8	69.0	66.6	63.1	
61.3	69.9	64.1	68.5	72.2	57.4	66.1	67.1	63.3	
62.4	67.3	64.6	68.4	71.9	59.8	67.6	65.5	66.6	
65.3	69.4	66.7	68.3	73.0	62.8	68.6	69.5	65.3	
64.5	69.4	64.9	67.9	74.8	60.7	67.4	68.3	64.7	70.5
63.1	70.0	65.0	66.2	71.8	62.3	68.9	67.1	65.1	69.1
91.6	93.9	91.7	93.1	92.9	92.8	92.1	93.1	95.0	
90.7	93.8	90.4	92.9	94.4	92.2	92.3	93.2	94.7	
91.9	95.3	93.6	95.0	95.3	92.4	92.6	94.1	96.5	
88.7	92.1	89.6	94.9	90.3	95.7	91.2	90.8	95.5	
87.6	93.5	90.7	93.0	91.9	92.8	91.3	92.6	94.6	
89.8	92.5	89.2	94.4	94.4	93.3	91.0	90.1	94.9	
91.8	94.4	92.0	92.8	92.2	94.0	92.9	93.0	95.2	
91.6	94.3	92.7	94.3	94.0	94.8	92.3	91.9	95.3	95.2
91.1	93.9	91.4	94.3	91.9	94.8	92.9	92.2	95.3	95.2
8.4	6.1	8.3	6.9	7.1	7.2	7.9	6.9	5.0	
9.3	6.2	9.6	7.1	5.6	7.8	7.7	6.8	5.3	
8.1	4.7	6.4	5.0	4.7	7.7	7.4	5.9	3.5	
11.3	7.9	10.4	5.1	9.7	4.3	8.8	9.2	4.5	
12.4	6.5	9.3	7.0	8.1	7.2	8.7	7.4	5.4	
10.2	7.5	10.3	5.6	5.6	6.7	9.0	9.9	5.1	
8.2	5.6	8.0	7.2	7.8	6.0	7.1	7.0	4.8	
8.4	5.7	7.3	5.7	6.0	5.2	7.7	8.1	4.7	4.8
8.9	6.1	8.6	5.7	8.1	5.2	7.1	7.8	5.7	4.8

Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND OCTOBER

		Philippines	Metro Manila Area (National Capital Region)	1	2	3
Underemployment Rate						
	1981	23.9	14.5	23.8	38.3	30.5
	1982	25.5	28.7	22.5	25.0	20.9
	1983	29.8	38.5	28.1	27.5	23.2
	1984	36.4	45.1	41.3	44.7	27.5
	1985	22.2	14.7	16.9	21.5	20.2
	1986	28.4	35.3	24.6	24.4	25.0
	1987	24.2	14.4	26.3	18.3	20.2
	1988	23.3	16.0	29.2	12.8	16.2
	1989	23.2	13.7	28.4	21.7	15.5
Percent of employed :						
Agriculture	*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	49.6	1.2	56.4	63.1	37.1
	1985	48.9	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	38.5
	1988	46.1	1.9	56.2	64.6	37.0
	1989	45.1	1.3	54.4	63.7	36.0
Non-agriculture						
	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
	1989	54.9	98.7	45.6	36.3	64.0

Notes: 1. Details may not add up to totals due to rounding.
2. Working age population refers to the population 15 years and over.
3. Data from 1981–1986 on the old series of population projections. From 1987 onwards, data were based on the new population projection series using medium assumption.
4. Data were based on the final results of the October rounds of the Integrated Survey of Households (ISH) using past week as the reference period.
5. The Cordillera Administrative Region (CAR) is composed of the provinces of Abra, Benguet, Ifugao, Kalinga Apayao and Mt. Province. It was only in 1988 that CAR was recognized as a region.
6. Underemployment rate is the ratio in percent of the number of employed persons wanting additional work/more hours of work over the total employed. Note that data from 1981–1986 were based on the third quarters result of the ISH, using past quarter as the reference period. From 1987–1989, data were based on the past week as reference period.
7. The distribution of employed persons by agriculture and non-agriculture from 1981–1986 were based on the third quarter results of the ISH using past quarter as a reference period. Detailed disaggregation for past week reference period started since 1987.

Source: National Statistics Office.

OVER BY EMPLOYMENT STATUS AND BY REGION:
1981 to 1989 (continued)

Region									
4	5	6	7	8	9	10	11	12	CAR
22.5	22.5	27.2	16.6	25.3	19.9	27.8	26.5	24.1	
23.7	24.0	28.5	22.9	31.6	23.8	26.8	27.7	27.1	
31.6	35.2	30.2	16.4	36.9	24.8	31.6	31.6	28.2	
31.8	51.2	33.9	21.8	34.0	29.0	31.1	39.2	49.6	
25.1	26.1	28.6	11.7	24.7	19.0	24.4	26.0	32.3	
24.1	35.6	34.0	12.3	28.0	21.4	29.9	40.4	35.4	
26.2	34.1	26.7	9.2	24.4	18.1	28.9	38.1	35.8	
24.6	32.8	32.8	11.5	30.5	12.2	26.2	26.7	36.8	17.7
23.2	35.8	28.1	10.1	27.1	22.2	25.9	28.7	35.3	22.5
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
36.6	53.8	54.0	49.7	62.3	60.2	51.5	53.3	60.6	60.7
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
63.4	46.2	46.0	50.3	37.7	39.8	48.5	46.7	39.4	39.3

Figure 11.1 Employment and Unemployment Rate, 1981 to 1989

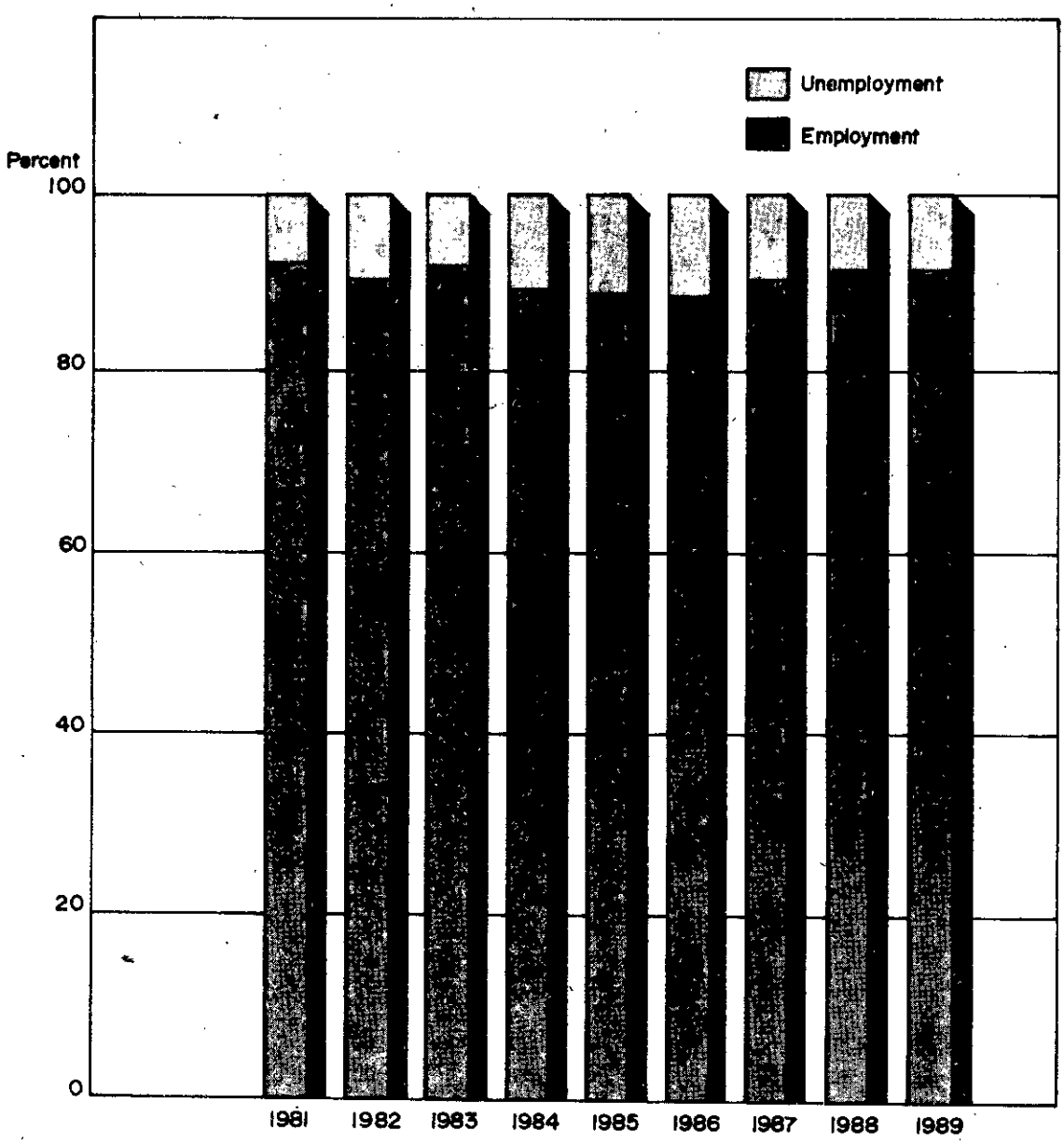


Table 11.2 – LABOR FORCE PARTICIPATION RATE, EMPLOYMENT STATUS URBAN AND RURAL: 1981 to 1989

(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
Philippines						
1981	61.2	18,238	16,652	91.3	1,586	8.7
1982	60.1	18,467	16,734	90.6	1,733	9.4
1983	63.6	20,130	18,543	92.1	1,587	7.9
1984	63.5	20,756	18,550	89.4	2,206	10.6
1985	63.4	21,329	18,967	88.9	2,362	11.1
1986	63.8	22,072	19,631	88.9	2,441	11.1
1987	65.7	22,880	20,795	90.9	2,085	9.1
1988	65.4	23,452	21,498	91.7	1,954	8.3
1989	64.4	23,859	21,849	91.4	2,010	8.4
Urban						
1981	56.8	5,609	4,930	87.9	679	12.1
1982	57.2	5,824	5,000	85.9	824	14.1
1983	58.0	6,085	5,340	87.8	745	12.2
1984	60.7	7,817	6,578	84.1	1,239	15.8
1985	60.3	8,020	6,699	83.5	1,321	16.5
1986	60.5	8,355	6,860	82.1	1,495	17.9
1987	62.2	8,633	7,463	86.4	1,170	13.6
1988	61.9	8,821	7,732	87.7	1,089	12.3
1989	61.3	9,060	7,998	88.3	1,062	11.7
Rural						
1981	63.3	12,631	11,723	92.8	908	7.2
1982	61.4	12,643	11,734	92.8	909	7.2
1983	66.4	14,045	13,203	94.0	842	6.0
1984	65.4	12,938	11,971	92.5	967	7.5
1985	65.4	13,309	12,268	92.2	1,041	7.8
1986	66.0	13,717	12,771	93.1	946	6.9
1987	67.9	14,247	13,333	93.6	914	6.4
1988	67.7	14,631	13,766	94.1	865	5.9
1989	66.9	14,799	13,851	93.6	948	6.4

Note: Data were based on the October rounds of the LFS of the ISH using past week as the reference period.

Source: National Statistics Office.

Table 11.3 – EMPLOYED PERSONS BY MAJOR INDUSTRY AND (In

Major industry/occupation group	Total	Metropolitan Manila Area (National Capital Region)	1	2	3
Industry	21,849	2,531	1,258	946	2,082
Agriculture, fishery and forestry	9,852	34	684	603	749
Mining and quarrying	154	4	5	0	11
Manufacturing	2,298	560	90	50	275
Electricity, gas and water	83	24	1	5	6
Construction	911	160	52	23	136
Wholesale and retail trade	3,074	495	141	94	301
Transportation, storage and communication	1,095	256	56	45	154
Financing, insurance, real estate & business services	398	188	10	6	38
Community, social and personal services	3,972	808	219	120	405
Industry not adequately defined	13	2	0	0	6
Occupation	21,849	2,531	1,258	946	2,082
Professional, technical and related workers	1,301	269	72	44	108
Administrative, executive and managerial worker	207	71	11	7	29
Clerical and related workers	943	299	25	32	96
Sales worker	2,999	499	145	86	302
Service worker	1,943	439	103	52	207
Agricultural, animal husbandry and forestry workers; fishermen and hunters	9,720	30	680	602	740
Production and related workers, transport equipment operators and laborers	4,691	921	216	121	596
Occupation not adequately defined	46	3	5	2	5

Note: Data were based on the past week reference period of the Quarterly Labor Force Survey of the ISH.

Source: National Statistics Office.

BY MAJOR OCCUPATION GROUP AND BY REGION: OCTOBER 1989
Thousands)

Region									
4	5	6	7	8	9	10	11	12	CAR
2,786	1,633	1,975	1,750	1,301	1,100	1,373	1,594	1,059	458
1,019	878	1,066	870	810	663	707	849	642	278
10	10	8	23	1	8	27	15	0	33
436	140	135	194	85	47	103	103	63	19
13	4	4	5	1	2	10	5	3	1
172	50	55	78	33	31	37	59	13	12
417	202	264	243	154	126	217	252	136	31
181	60	57	64	39	45	47	58	21	12
49	13	29	10	3	6	10	23	9	4
489	276	357	264	173	172	216	231	172	68
0	0	0	0	3	0	0	0	1	1
2,786	1,633	1,975	1,750	1,301	1,101	1,373	1,594	1,059	458
159	95	105	75	64	51	78	88	69	25
20	12	12	8	4	6	10	11	5	1
129	45	64	49	26	38	45	57	22	16
400	191	255	235	149	126	203	242	137	28
249	132	193	119	73	76	94	103	75	28
1,022	868	1,027	864	803	659	690	822	635	276
801	288	316	392	180	145	248	272	114	81
6	2	2	8	0	0	6	0	2	3

Table 11.4 – EMPLOYED PERSONS BY MAJOR

(In

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

INDUSTRY GROUP, BY SEX: 1970 to 1990
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

(In

Major industry group and sex	Third quarter 1981	Third quarter 1982	Third quarter 1983	Third quarter 1984	Third quarter 1985	Third quarter 1986
Both sexes	17,452	17,371	19,212	19,632	19,801	20,595
Agriculture, fishery and forestry	8,928	8,920	9,880	9,740	9,698	10,289
Mining and quarrying	80	74	102	138	128	150
Manufacturing	1,807	1,741	1,887	1,931	1,922	1,905
Electricity, gas and water	66	53	78	81	73	62
Construction	592	604	697	759	684	629
Wholesale and retail trade	1,956	1,915	2,197	2,437	2,611	2,814
Transportation, storage & communication	734	758	831	874	931	841
Financing, insurance, real estate, and business services	324	383	356	368	342	390
Community, social and personal services	2,960	2,922	3,184	3,304	3,408	3,516
Industry not adequately defined or not reported	4	0	0	1	0	0
Male	11,249	11,270	11,926	12,318	12,519	12,905
Agriculture, fishery and forestry	6,608	6,731	6,946	7,125	7,233	7,570
Mining and quarrying	75	68	95	123	120	141
Manufacturing	975	923	1,004	1,017	1,003	947
Electricity, gas and water	58	47	67	66	59	53
Construction	583	588	679	747	678	622
Wholesale and retail trade	687	666	745	816	860	949
Transportation, storage & communication	705	723	794	837	889	810
Financing, insurance, real estate, and business services	201	231	214	224	232	251
Community, social and personal services	1,357	1,292	1,383	1,362	1,446	1,562
Industry not adequately defined or not reported	1	0	0	1	0	0
Female	6,203	6,101	7,286	7,313	7,282	7,690
Agriculture, fishery and forestry	2,320	2,189	2,934	2,615	2,465	2,719
Mining and quarrying	6	6	7	14	8	9
Manufacturing	833	818	883	913	919	959
Electricity, gas and water	8	6	11	15	14	8
Construction	9	16	18	12	12	6
Wholesale and retail trade	1,269	1,249	1,452	1,621	1,751	1,865
Transportation, storage & communication	29	35	37	37	42	30
Financing, insurance, real estate, and business services	123	152	142	144	111	139
Community, social and personal services	1,604	1,630	1,801	1,942	1,962	1,954
Industry not adequately defined or not reported	3	0	0	0	0	0

Notes: 1. Details may not add up to totals due to rounding.
2. Data from 1970–1975 were based on the household population 10 years old and over. Results were based on Census of Population and Housing (CPH) and National Sample Survey of Households (NSSH).
3. From third quarters of 1976–1986, household population were based on 15 years old and over working age past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.
4. Data for October 1987–January 1990, there were derived from the ISH using past week as a reference period of the October rounds of the ISH.

Source: National Statistics Office.

INDUSTRY GROUP BY SEX: 1970 to 1990 (continued)
thousands)

October 1987	April 1988	July 1988	October 1988	January 1989	April 1989	July 1989	October 1989	January 1990
20,795	21,141	21,356	21,497	21,552	22,344	21,889	21,849	21,900
9,940	10,089	9,891	9,920	9,650	10,205	9,896	9,852	9,750
146	176	163	157	182	180	156	154	139
2,059	2,158	2,250	2,238	2,321	2,309	2,336	2,298	2,309
81	80	80	95	89	96	96	83	84
759	836	865	858	949	959	905	911	959
2,857	2,788	2,930	2,972	3,010	3,138	3,098	3,074	3,188
946	1,025	1,029	1,049	1,055	1,082	1,055	1,095	1,062
386	406	381	379	388	399	405	398	410
3,621	3,582	3,765	3,827	3,907	3,965	3,925	3,972	3,983
0	1	1	2	1	10	16	13	16
13,254	13,579	13,497	13,654	13,686	14,116	13,927	13,922	13,979
7,473	7,533	7,365	7,413	7,264	7,546	7,468	7,401	7,352
135	162	148	143	160	158	141	138	121
1,108	1,156	1,194	1,192	1,242	1,225	1,183	1,221	1,271
69	65	64	80	71	78	79	67	68
744	827	853	842	936	942	892	896	942
995	1,015	1,019	1,034	1,054	1,111	1,083	1,077	1,131
897	975	981	1,001	1,007	1,030	1,008	1,043	1,017
245	260	239	241	239	250	248	250	260
1,587	1,584	1,633	1,703	1,713	1,766	1,812	1,821	1,804
0	1	0	2	1	9	13	9	14
7,542	7,562	7,859	7,843	7,865	8,228	7,962	7,927	7,921
2,467	2,556	2,526	2,507	2,387	2,659	2,428	2,451	2,397
11	14	16	14	22	22	16	16	18
950	1,002	1,055	1,046	1,079	1,083	1,153	1,076	1,039
12	15	16	15	18	18	17	17	15
16	9	12	13	13	17	13	16	17
1,862	1,772	1,911	1,939	1,955	2,028	2,016	1,997	2,058
49	50	47	48	49	52	47	52	46
141	146	142	138	149	149	157	147	149
2,034	1,998	2,132	2,124	2,193	2,198	2,113	2,151	2,179
0	0	1	0	0	1	3	3	2

Table 11.5 – EMPLOYED PERSONS BY MAJOR

(In

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

OCCUPATION GROUP BY SEX: 1970 TO 1990
thousand)

November 1972	November 1973	November 1974	August 1975	Third quarter 1976	Third quarter 1977	Third quarter 1978	Third quarter 1980
12,582	13,865	13,824	14,517	14,238	14,334	16,101	16,434
595	701	751	805	900	888	990	1,049
136	131	149	148	166	106	154	162
457	518	509	556	593	650	710	747
1,314	1,357	1,360	1,415	1,301	1,372	1,625	1,676
1,019	1,139	1,097	1,255	1,083	1,094	1,233	1,243
6,849	7,735	7,656	7,740	7,434	7,429	8,345	8,391
2,204	2,252	2,285	2,569	2,725	2,747	3,017	3,161
7	30	28	29	35	48	31	5
8,600	9,282	9,386	9,612	9,630	9,889	10,463	10,827
236	287	305	334	349	377	410	410
102	102	120	119	125	89	127	122
261	283	277	289	323	363	384	400
523	571	573	551	519	543	577	585
370	369	387	419	419	454	525	520
5,474	5,971	6,033	6,053	5,806	5,934	6,199	6,380
1,631	1,679	1,673	1,832	2,059	2,103	2,221	2,405
4	20	17	15	30	26	20	5
3,982	4,582	4,438	4,905	4,607	4,444	5,636	5,606
358	415	446	472	550	512	580	639
33	30	29	29	40	17	27	40
197	236	232	268	270	286	326	346
792	786	787	863	782	829	1,048	1,092
574	573	600	736	664	640	703	723
1,376	1,764	1,623	1,687	1,628	1,494	2,146	2,009
649	770	710	836	667	644	795	757
3	10	11	14	6	22	11	–

Table 11.5 – EMPLOYED PERSONS BY MAJOR

(In

Major occupation group and sex	Third quarter 1981	Third quarter 1982	Third quarter 1983	Third quarter 1984	Third quarter 1985	Third quarter 1986
Both sexes	17,452	17,371	19,212	19,632	19,801	20,595
Professional, technical and related workers	1,078	1,094	1,139	1,175	1,179	1,144
Administrative, executive and managerial workers	185	193	176	197	187	182
Clerical workers	769	822	871	854	831	845
Sales workers	1,948	1,911	2,171	2,397	2,558	2,756
Service workers	1,331	1,317	1,505	1,609	1,643	1,615
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	8,862	8,878	9,805	9,627	9,580	10,179
Production and related workers, transport equipment operators and laborers	3,275	3,150	3,535	3,772	3,817	3,873
Occupation not adequately defined	5	5	11	0	5	1
Male	11,250	11,270	11,925	12,323	12,520	12,905
Professional, technical and related workers	419	409	425	408	382	386
Administrative, executive and managerial workers	143	140	132	158	147	143
Clerical workers	421	421	432	398	392	404
Sales workers	686	674	736	809	839	902
Service workers	533	531	593	604	680	656
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	6,547	6,695	6,883	7,027	7,136	7,473
Production and related workers, transport equipment operators and laborers	2,498	2,396	2,718	2,919	2,940	2,942
Occupation not adequately defined	3	4	6	0	4	0
Female	6,203	6,101	7,285	7,314	7,282	7,690
Professional, technical and related workers	659	685	714	767	797	758
Administrative, executive and managerial workers	42	53	44	40	41	39
Clerical workers	348	401	438	460	439	441
Sales workers	1,262	1,237	1,435	1,588	1,719	1,855
Service workers	798	786	912	1,005	964	959
Agricultural, animal husbandry, and forestry workers; fishermen and hunters	2,315	2,184	2,922	2,600	2,444	2,707
Production and related workers, transport equipment operators and laborers	777	753	816	854	877	931
Occupation not adequately defined	2	2	4		1	1

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

2. Data from 1970–1975 were based on the household population 10 years old and over. Results were based on Census of Population and Housing (CPH) and National Sample Survey of Households (NSSH).

3. From third quarters of 1976–1986, household population were based on 15 years old and over working age past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.

4. Data for October 1987–January 1990, there were derived from the ISH using past week as a reference period of the October rounds of the ISH.

Source: National Statistics Office.

OCCUPATION GROUP BY SEX: 1970 to 1990 (continued)
thousands)

October 1987	April 1988	July 1988	October 1988	January 1989	April 1989	July 1989	October 1989	January 1990
20,795	21,141	21,356	21,497	21,551	22,344	21,889	21,849	21,900
1,167	1,107	1,164	1,199	1,224	1,222	1,328	1,301	1,340
181	198	184	171	177	189	189	207	216
896	918	855	899	886	921	949	943	975
2,757	2,694	2,841	2,867	2,900	3,033	2,974	2,999	3,027
1,783	1,815	1,954	1,944	2,024	2,036	1,892	1,943	1,957
9,858	9,991	9,789	9,798	9,528	10,078	9,762	9,720	9,608
4,152	4,418	4,567	4,619	4,809	4,825	4,758	4,691	4,744
2	1	2	1	4	41	37	46	33
13,253	13,579	13,497	13,654	13,686	14,116	13,927	13,922	13,979
420	402	431	446	452	459	495	469	496
134	138	137	128	133	139	144	156	169
438	427	392	411	402	423	425	428	456
931	959	957	962	974	1,029	976	998	1,008
701	751	763	775	810	819	836	848	844
7,395	7,441	7,270	7,307	7,152	7,438	7,343	7,296	7,234
3,232	3,460	3,547	3,625	3,761	3,783	3,678	3,697	3,751
2	1	1	1	3	27	29	30	22
7,542	7,562	7,859	7,843	7,865	8,228	7,962	7,927	7,921
746	705	733	753	772	763	833	831	844
46	59	47	43	44	50	44	51	47
458	491	463	489	484	498	524	516	518
1,826	1,734	1,884	1,904	1,925	2,005	1,998	2,001	2,019
1,082	1,064	1,194	1,169	1,214	1,217	1,056	1,094	1,114
2,463	2,550	2,520	2,491	2,376	2,640	2,419	2,424	2,375
920	958	1,020	994	1,049	1,042	1,080	994	993
0	0	0	0	0	14	8	16	11

Table 11.6 – LEGISLATED MONEY AND REAL DAILY 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
July	57.83	56.75	47.21	36.00
Aug.	57.83	56.75	47.21	36.00
Sept.	57.83	56.75	47.21	36.00
Oct.	58.50	57.42	47.67	36.29
Nov.	58.50	57.42	47.67	36.29
Dec.	69.33	69.33	58.50	47.12

NON-AGRICULTURAL AND AGRICULTURAL SECTORS
METRO-MANILA: 1972 to 1990
pesos)

	Real Wage (1978 = 100)			
	Non-Agriculture		Agriculture	
Period	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	17.52	17.48	14.75	11.05
1984	16.63	16.60	13.89	10.48
1985	16.22	15.87	13.23	10.11
1986	15.41	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	13.18	10.05
June	14.66	15.66	13.03	9.94
July	14.52	15.48	12.88	9.82
Aug.	14.52	15.42	12.83	9.78
Sept.	14.27	15.32	12.75	9.72
Oct.	14.37	15.51	12.87	9.80
Nov.	14.36	15.42	12.80	9.74
Dec.	16.81	18.42	15.55	12.52

Table 11.6 – LEGISLATED MONEY AND REAL DAILY 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
1988	69.33	69.33	58.50	47.12
Jan.	69.33	69.33	58.50	47.12
Feb.	69.33	69.33	58.50	47.12
Mar.	69.33	69.33	58.50	47.12
Apr.	69.33	69.33	58.50	47.12
May	69.33	69.33	58.50	47.12
June	69.33	69.33	58.50	47.12
July	69.33	69.33	58.50	47.12
Aug.	69.33	69.33	58.50	47.12
Sept.	69.33	69.33	58.50	47.12
Oct.	69.33	69.33	58.50	47.12
Nov.	69.33	69.33	58.50	47.12
Dec.	69.33	69.33	58.50	47.12
1989	82.88	82.88	72.04	55.25
Jan.	69.33	69.33	58.50	47.12
Feb.	69.33	69.33	58.50	47.12
Mar.	69.33	69.33	58.50	47.12
Apr.	69.33	69.33	58.50	47.12
May	69.33	69.33	58.50	47.12
June	69.33	69.33	58.50	47.12
July	96.42	96.42	85.58	63.38
Aug.	96.42	96.42	85.58	63.38
Sept.	96.42	96.42	85.58	63.38
Oct.	96.42	96.42	85.58	63.38
Nov.	96.42	96.42	85.58	63.38
Dec.	96.42	96.42	85.58	63.38
1990				
Jan.	96.42	96.42	85.58	63.38
Feb.	96.42	96.42	85.58	63.38
Mar.	96.42	96.42	85.58	63.38
Apr.	96.42	96.42	85.58	63.38
May	96.42	96.42	85.58	63.38

Source: National Wages Council.

NON-AGRICULTURAL AND AGRICULTURAL SECTORS
METRO-MANILA: 1972 to 1990 (continued)
pesos)

Period	Real Wage (1978 = 100)			
	Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Metro-Manila	Outside Metro-Manil
1988	15.93	17.58	14.84	11.95
Jan.	16.61	18.13	15.30	12.32
Feb.	16.38	17.99	15.18	12.23
Mar.	16.29	17.87	15.08	12.15
Apr.	16.26	17.85	15.06	12.13
May	16.12	17.78	15.00	12.08
June	15.84	17.62	14.87	11.97
July	15.80	17.49	14.76	11.89
Aug.	15.76	17.42	14.69	11.84
Sept.	15.72	17.44	14.71	11.85
Oct.	15.71	17.40	14.68	11.82
Nov.	15.36	17.13	14.45	11.64
Dec.	15.37	16.91	14.26	11.49
1989	17.37	18.97	16.49	12.64
Jan.	15.25	16.62	14.03	11.30
Feb.	15.07	16.58	13.99	11.27
Mar.	15.17	16.59	14.00	11.28
Apr.	15.02	16.52	13.94	11.22
May	14.86	16.35	13.79	11.11
June	14.57	16.03	13.53	10.90
July	20.18	22.00	19.52	14.46
Aug.	19.90	21.63	19.20	14.22
Sept.	19.77	21.45	19.04	14.10
Oct.	19.54	21.27	18.88	13.98
Nov.	19.36	21.03	18.67	13.83
Dec.	18.97	20.56	18.25	13.51
1990				
Jan.	18.93	20.39	18.10	13.40
Feb.	18.81	20.37	18.08	13.39
Mar.	18.69	20.33	18.05	13.36
Apr.	18.27	20.25	17.98	13.31
May	18.11	20.13	17.87	13.23

Figure 11.2 Deployed Land-Based Contract Workers, 1984 to 1989

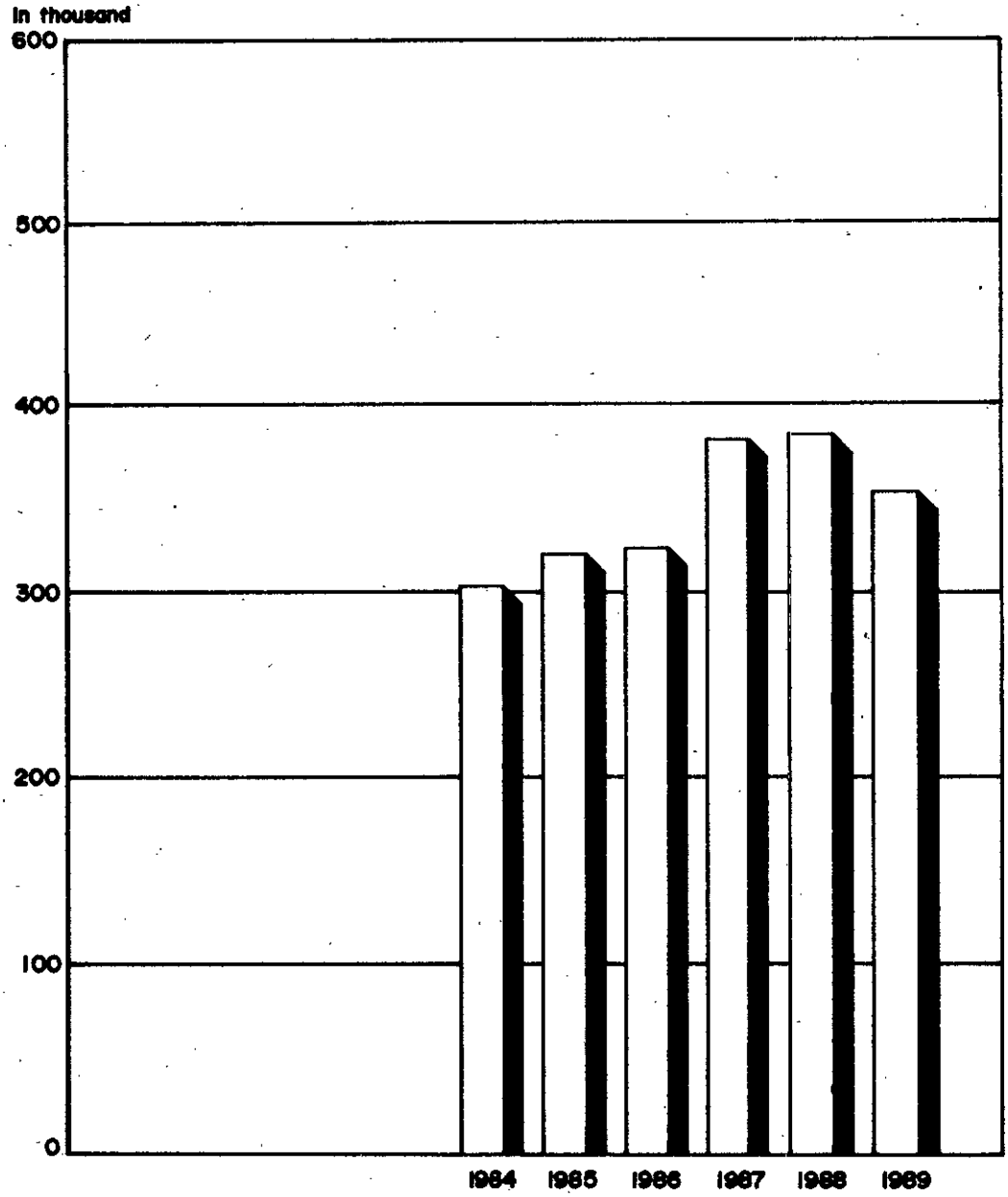


Table 11.7 – PROCESSED OVERSEAS CONTRACT WORKERS 1975 TO 1989

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
1989	522,984	407,974	115,010

Source: Philippine Overseas Employment Administration.

Table 11.8 – PROCESSED LAND-BASED OCCUPATION GROUP:

Major occupation group	1975	1976	1977	1978	1979
Total	12,501	19,221	36,676	50,961	92,519
Professional, technical and related workers	6,685	6,796	4,707	11,335	17,964
Managerial, executive and administrative workers	71	82	210	331	1,441
Clerical workers	225	370	944	1,516	2,896
Sales workers	53	16	30	69	265
Service workers	2,747	3,893	4,576	7,910	14,089
Agricultural, animal husbandry forestry workers and fishermen	118	74	123	37	186
Production process workers, transport equipment operators and laborer	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
Total	12,501	19,221	36,676	50,961	92,519
Africa	342	473	515	1,305	1,134
Asia	4,217	5,399	5,290	9,994	12,604
Europe	3,160	2,902	2,482	1,268	673
Middle East	1,552	7,813	25,721	34,441	73,210
Oceania	551	133	139	80	312
The Americas	2,286	2,168	2,266	3,371	3,744
Trust Territories	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 1989

Major World Grouping	1984	1985	1986	1987	1988	1989
Total	300,378	320,494	323,517	382,229	385,117	355,346
Africa	1,843	1,977	1,847	1,856	1,958	1,741
Asia	38,817	52,838	72,536	90,434	92,648	86,196
Europe	3,683	4,067	3,693	5,643	7,614	7,830
Middle East	250,210	253,867	236,434	272,038	267,035	241,081
Oceania	913	953	1,080	1,271	1,397	1,247
The Americas	2,515	3,744	4,035	5,614	7,902	9,962
Trust Territories	2,397	3,048	3,892	5,373	6,563	7,289

Source: Philippine Overseas Employment Administration.

Table 11.11 – DEPLOYED OVERSEAS CONTRACT WORKERS: 1984 to 1989

	1984	1985	1986	1987	1988	1989
Total	350,982	372,784	378,214	449,271	471,030	458,626
Land Based	300,378	320,494	323,517	382,229	385,117	355,346
Sea Based	50,604	52,290	54,697	67,042	85,913	103,280

Source: Philippine Overseas Employment Administration.

12 SOCIAL SERVICES

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

Included as part of social services is the protection afforded by the state for workers and their families. Social Security is provided by two institutions, namely: the Government Service Insurance System (GSIS) and the Social Security System (SSS). The GSIS serves the needs of workers in the government while the SSS provides for those in the private sector. Among the benefits provided by these institutions are financial and medical help to the worker and his dependent in case of illness, injury, death or loss of job. Also, financial assistance is extended to retirees. The GSIS and the SSS are financed by the contributions of both the employers and the employees.

It also includes community services rendered during calamities. The data were provided by the Office of Civil Defense of the Department of Naitonal Defense.

Table 12.1	Outreach Headcount by Clientele and by Region: FY 1974-75 to CY 1989	12-4
Table 12.2	Service Headcount by Program: 1981 to 1989	12-6
Table 12.3	Number of Institutions/Centers/Facilities Involved in the Distribution of Social Services: 1987 to 1989	12-7
Table 12.4	Coverage and Contributions Received by the Government Service Insurance System: FY 1970-71 to 1989	12-8
Table 12.5	Benefits Paid by the Government Service Insurance System by Fund: FY 1964 - 65 to 1989	12-9
Table 12.6	Coverage and Contributions Received by the Social Security, Medicare and Empoyees' Compensation: 1960 to 1989	12-11
Table 12.7	Benefits Paid by the Social Security, Medicare and Employees' Compensation Funds, by Type: 1960 to 1989	12-12
Table 12.8	Damages Caused by Major Natural Disasters: 1980 to 1989	12-14
Table 12.9	List of Disaster Coordinating Councils and Disaster Control Groups Organized/reorganized: 1980 to 1989	12-15
Figure 12.1	Benefits Paid by the Government Service Insurance System, 1980 to 1989	12-3
Figure 12.2	Benefits Paid by the Social Security System, 1980 to 1989	12-10

Figure 12.1 Benefits Paid By the GSIS, 1980 to 1989

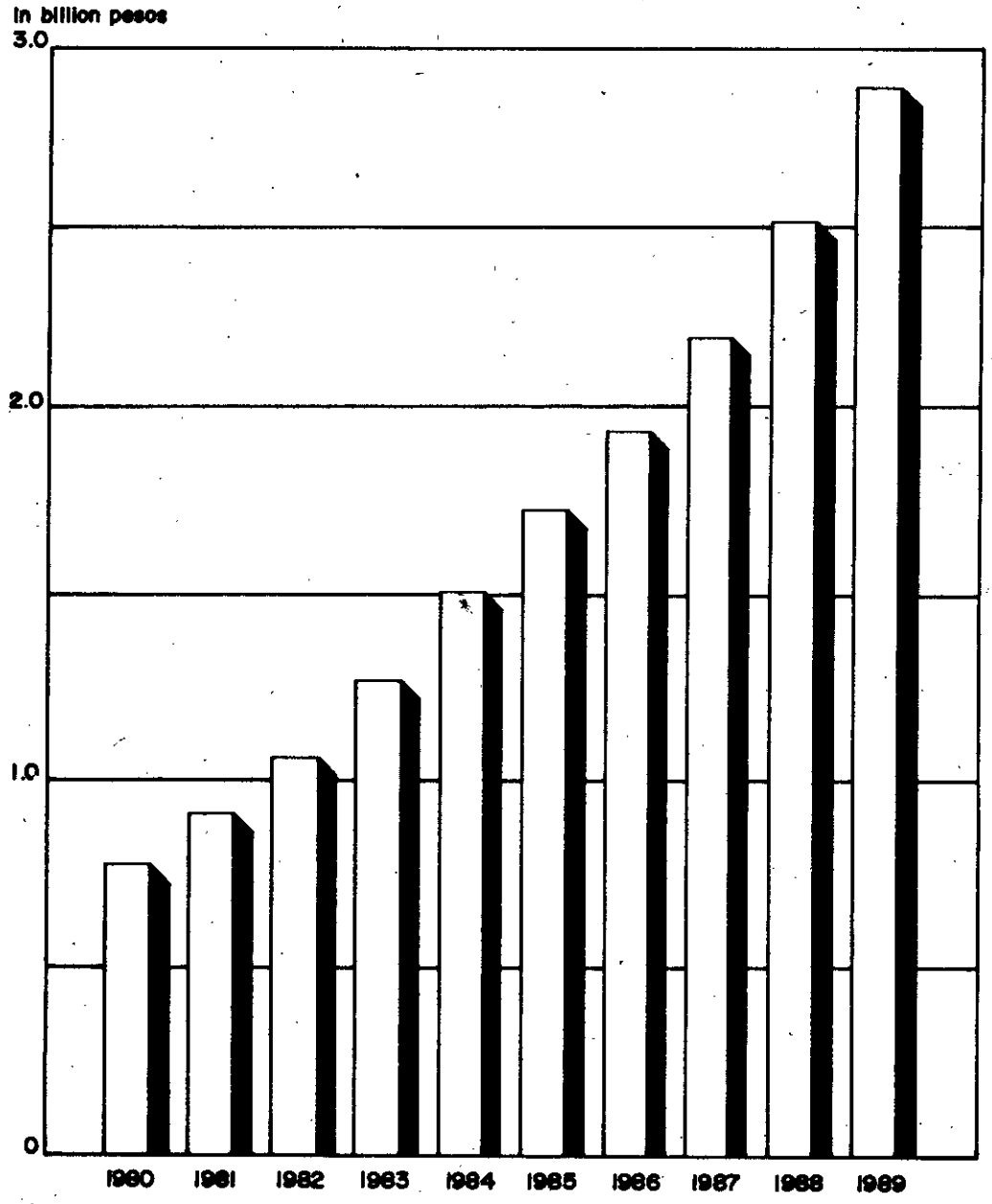


Table 12.1 – OUTREACH HEADCOUNT BY CLIENTELE AND

Year and Clientele Category	Total	Metropolitan Manila Area (NCR)	CAR[4]	1	2	3
FY 1974–1975	5,950,235	a	...	524,365	541,451	403,079
FY 1975–1976	4,996,167	a	...	437,171	241,437	715,061
1977	2,401,959	126,521	...	152,924	82,452	246,757
1978	4,715,698	524,088	...	350,822	215,801	762,900
1979	4,072,530	179,431	...	302,731	213,280	337,208
1980	3,716,158	205,498	...	357,926	320,415	338,788
1981	5,412,642	242,317	...	383,872	318,798	408,055
1982	5,542,033	163,372	...	440,425	350,080	380,695
1983	5,712,631	264,876	...	427,371	300,180	392,102
1984	8,824,075	334,295	...	716,843	422,332	420,014
1985	6,784,196	540,585	...	585,115	406,230	558,846
1986	5,417,156	363,536	...	444,434	349,316	516,769
1987	6,235,724	235,541	...	438,290	313,008	304,020
1988	7,282,955	527,368	183,236	357,683	281,816	670,445
1989	6,780,105	607,088	237,243	601,085	377,015	455,103
Disadvantaged Family heads and other needy adults	1,268,127	82,266	59,427	102,403	98,297	105,881
Disadvantaged Child and Youth [2]	2,219,698	124,677	75,864	130,604	99,481	201,089
Disadvantaged women [3]	474,789	26,527	20,495	19,987	22,953	16,765
Disabled and special groups	258,841	20,488	14,141	25,965	18,297	12,216
Purely Distressed [1]	2,558,650	353,130	67,316	322,126	137,987	119,152

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.

4 CAR was created in 1988.

Source: Department of Social Welfare and Development.

AND BY REGION: FY 1974 – 1975 to CY 1989

Region								
4	5	6	7	8	9	10	11	12
1,070,549	263,652	338,262	259,199	269,161	882,921	654,789	742,807	...
927,690	386,098	413,598	273,080	219,524	499,527	286,411	185,503	411,067
242,477	255,794	293,317	132,242	65,008	367,890	170,330	165,529	100,718
550,212	261,895	319,257	246,009	285,521	275,618	277,368	320,180	326,027
351,812	206,978	342,906	232,622	719,871	357,419	302,827	292,737	232,708
256,840	179,684	364,617	239,368	215,546	443,492	278,108	232,801	283,075
559,539	476,208	416,575	271,257	264,201	557,660	799,768	400,869	313,523
449,202	324,178	431,922	270,876	956,289	485,667	454,670	421,304	413,353
501,737	426,444	456,006	202,198	566,567	520,892	422,552	776,627	455,079
488,927	402,347	1,200,435	1,957,755	881,766	458,070	692,971	457,220	391,100
585,685	570,773	561,877	453,382	493,875	595,043	464,698	458,952	509,135
637,173	284,570	514,066	253,306	374,742	517,457	450,995	347,307	363,485
850,251	1,168,024	510,906	254,795	605,953	299,943	343,688	428,250	483,055
859,727	706,136	687,746	489,202	1,035,862	323,517	438,255	351,498	370,464
781,595	513,632	531,003	341,278	716,359	375,442	443,964	412,563	386,735
130,017	97,402	103,443	76,885	61,621	89,571	106,803	71,726	82,385
241,841	193,644	262,420	155,790	155,181	132,561	191,350	137,904	117,292
76,092	42,315	44,339	39,650	31,103	50,114	27,926	31,121	25,402
20,846	16,546	17,754	15,020	15,545	21,734	27,197	19,263	13,829
312,799	163,725	103,047	53,933	452,909	81,462	90,688	152,549	147,827

Table 12.2 – SERVICE HEADCOUNT BY PROGRAM : 1981 to 1989
(In Thousands)

Program	1981	1982	1983	1984	1985	1986	1987
Self Employment	125	122	110	141	138	113	152
Practical Skills Development	124	96	79	94	300	77	152
Job Placement	90	86	96	83	100	40	152
Day Care Services	691	668	637	796	710	1,750	1,782
Supervising Neighborhood Play group and Recreation Service	34	28	16	17	23	–	–
Supplemental Feeding	1,127	883	878	957	786	a	a
Emergency Assistance	1,680	2,353	2,416	5,407	1,643	1,900	3,038
Family Planning Motivation	694	757	848	1,033	1,186	b	b
Population Awareness and Self Education	161	157	176	335	313	1,579	1,437
Special Social Service	725	2,466	2,609	3,717	3,595	4,123	3,809
TOTAL	5,451	7,616	7,865	12,580	8,794	9,582	10,522

a Supplemental feeding was combined with Day Care Service,
b Family Planning Motivation was combined with PASE.

Program	1988	1989
Community Welfare	335	1,128
Family Welfare	1,821	1,714
Women's Welfare	212	1,096
Child and Youth Welfare	2,765	3,193
Disabled Persons Welfare	330	484
Emergency Assistance	5,673	4,125
TOTAL	11,136	11,740

Note: Program reclassified as of 1988.
Source: Department of Social Welfare and Development.

Table 12.3 – NUMBER OF INSTITUTIONS/CENTERS/FACILITIES INVOLVED IN THE DISTRIBUTION OF SOCIAL SERVICES: 1987 to 1989

	1987	1988	1989
Child Caring Institution	10	12	17
Youth Centered/Facilities	17	16	17
Facilities for Disabled persons and specials groups	9	9	12
TOTAL	36	37	46

Source: Department of Social Welfare and Development.

Table 12.4 – COVERAGE AND CONTRIBUTIONS RECEIVED BY THE GOVERNMENT SERVICE AND INSURANCE SYSTEM: FY 1970–1971 to 1989
(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
1989	1.40	5,563.8	3,769.8	215.5	1,038.0	325.7	214.8

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

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

3 Started operation 1978.

4 Refers to gross premium written.

5 Started operation in 1972.

6 Started operation in March 1975.

7 July to December 31.

Source: Government Service Insurance System Annual Reports.

Table 12.5 – BENEFITS PAID BY THE GOVERNMENT SERVICE INSURANCE SYSTEM BY FUND: FY 1964–1965 to 1989
(In million pesos)

Year	Total	Social Insurance Fund [1]	Optional Life Insurance Fund [2]	General Insurance Fund [3]	Medicare Insurance Fund [4]	Employees Compen-sation Insurance Fund [5]
1964–65	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
1989	2,892.5	2,096.6	77.3	206.3	276.6	235.8

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 Contributions Received by the SSS, Medicare and Employee's Compensation, 1980 to 1989

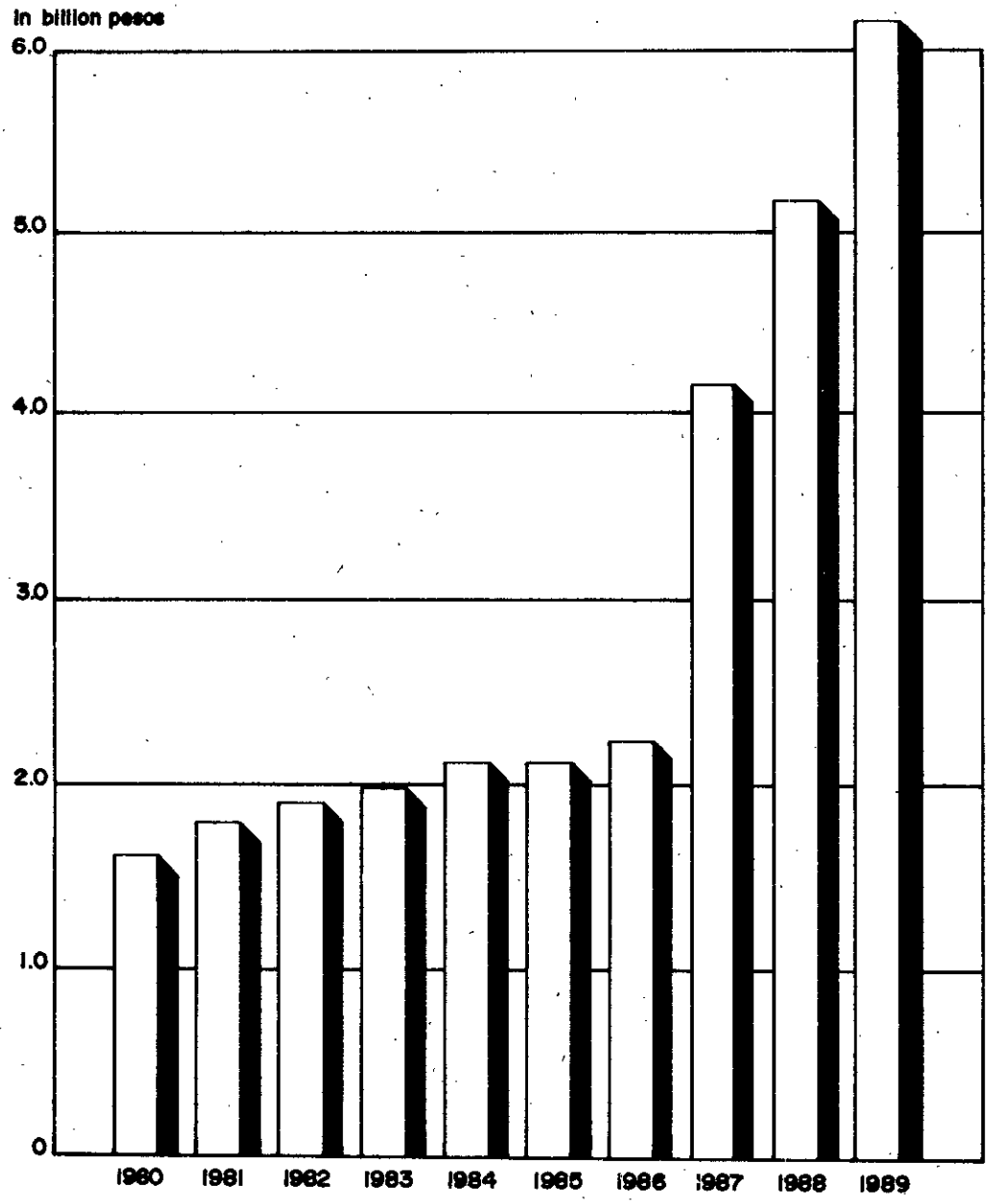


Table 12.6 – COVERAGE AND CONTRIBUTIONS RECEIVED BY THE SOCIAL SECURITY, MEDICARE AND EMPLOYEES' COMPENSATION: 1960 to 1989
(In thousand)

Year	Coverage [1]		Contributions			
	Worker	Employer	All Funds	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
1989	11,775	327	6,150,858	5,122,042	731,126	297,690

1 As of December 31.
2 Contributions from workers and employers.
3 Contributions from employers only.

Source: Social Security System Annual Report.

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

	Social Security System [1]					
Year	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
1989	3,663,971	1,359,906	316,537	373,372	1,403,461	209,984

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 1989
pesos)

	Medicare [2]		Employees' Compensation [3]				
Refund of Contri-bution		Total	Death[6]	Sickness	Rehabili-tation Services	Disability	Medical Services
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
711	449,521	135,531	74,277	28,437	13,096	14,195	23,526

Table 12.8 – DAMAGES CAUSED BY MAJOR NATURAL DISASTERS: 1980 to 1989

Year	Type of Disaster	Date of occurence	Areas affected	Casualties		Damage Property (Houses Lost)	Value Damage
				Dead	Injured		
1980	Typhoon	Nov. 1-7	Reg. 1 to 6 and 8	103	...	5,431	1.335 B
1981	Typhoon	Nov. 22-27	Reg. 4. & 5	422	177	49,110	555.200 M
1982	Typhoon	Mar. 23-28	Reg. 8 & 10	122	85	58,244	587.499 M
1983	Typhoon	Jul. 14-16	Reg. 3 to 5 and 8	15	145	29,054	526.876 M
1984	Typhoon	Aug.31-Sept.4	Reg. 4,6,7, 10 & 11	1,028	1,856	108,219	3.913 B
1985	Typhoon	Oct. 15-20	Reg. 1 to 5	88	224	55,810	2.132 M
1986	Typhoon	Jul. 6-10	Reg. 1 to 4	106	16	2,675	678.493 M
1987	Typhoon	Nov. 23-27	Reg. 4 & 5	808	927	153,339	1.119 B
1988	Typhoon	Nov. 5-8	Reg. 4 to 9	217	149	91,673	2.748 M
1989	Typhoon	Oct. 2-7	Reg. 1,2 and CAR	119	28	14,054	176.105 M

Source: Office of Civil Defense, Department of National Defense.

Table 12.9 – LIST OF DISASTER COORDINATING COUNCILS AND DISASTER CONTROL GROUPS ORGANIZED/REORGANIZED: 1980 to 1989

Year	Total	Disaster Coordinating Council					Disaster Control Group
		Regional	Provincial	City	Municipal	Barangay	
1980	2,387	...	6	11	121	2,249	72
1981	2,280	2	6	6	142	2,124	308
1982	2,880	3	19	19	139	2,700	131
1983	3,348	...	2	...	150	3,196	46
1984	2,203	1	16	10	133	2,043	124
1985	1,179	2	6	8	139	1,024	87
1986	654	5	19	6	248	376	141
1987	193	1	3	6	21	162	38
1988	786	1	23	10	427	325	192
1989	1,455	...	17	10	230	1,198	77

Source: Office of Civil Defense, Department of National Defense.

13 TRANSPORTATION AND COMMUNICATION

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

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

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

Data on air transport refer to the operating and traffic statistics of domestic air carriers, particularly the Philippine Air Lines. These figures include information on the system-wide operations of the air carrier as to distance coverage, and passenger and cargo services which are further classified into domestic and international operations. The Air Transportation Office provides data on the number of airports.

Water transport statistics relate to seaborne commercial traffic data with reference to number and tonnage of vessels entered and cleared at the Port of Manila. These are by-products of the administrative and regulatory functions of the Bureau of Customs. The Philippine Ports Authority maintains data on the number of government and privately-owned ports and subports in the operation throughout the archipelago. The Philippine Coast Guard maintains the number and gross tonnage of registered vessels by type of service.

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

Table 13.1	Number of Passengers, Freight and Express Tonnage and Revenue by Philippine National Railways: 1950 to 1989	13-4
Table 13.2	Number of Motor Vehicles Registered By Type of Vehicle: 1981 to 1989	13-7
Table 13.3	Number of Motor Vehicles Registered by Classification, by Region, New and Renewal: 1981 to 1989	13-8
Table 13.4	Number of Motor Vehicles Registered by Classification, by Region, by Type of Fuel Used: 1981 to 1989	13-10
Table 13.5	Number and Tonnage of Vessels Entered and Cleared in Selected Ports, Domestic and International: 1970 to 1989	13-12
Table 13.6	International and Coastwise Shipping Movement: 1970 to 1989	13-16
Table 13.7	Number and Gross Tonnage of Registered Philippine Vessels: 1981 to 1989	13-18
Table 13.8	Operating and Traffic Statistics of the Philippine Airlines, System-Wide Operations: 1950 to 1989	13-20
Table 13.9	Operating and Traffic Statistics of the Philippine Airlines, Domestic: 1950 to 1989	13-22
Table 13.10	Operating and Traffic Statistics of the Philippine Airlines, International: 1950 to 1989	13-24
Table 13.11	Air Flights and Air Passengers Carried by International Carriers, Manila: 1975 to 1989	13-26
Table 13.12	Number of Registered Airports: FY 1959 - 60 to CY 1988	13-27
Table 13.13	Public Roads, National and Local, by Surface Type: FY 1964 - 65 to CY 1989	13-28
Table 13.14	Number and Length of Existing Bridges in the Philippines: FY 1960 - 61 to CY 1989	13-30
Table 13.15	Number of Operational Ports, by Region: 1982 to 1989	13-31
Table 13.16	Number of Licensed Radio Stations by Type of Station: 1978 to 1989	13-32
Table13.17	Telecommunication Facilities and Broadcasting Stations in the Philippines by Region: 1987	13-34

Table 13.18	Number of Licensed Radio Stations by Ownership: FY 1949 - 50 to CY 1989	13-36
Table 13.19	Summary of Mail Volume Handled: 1979 to 1989	13-37
Table 13.20	Regional Commodity Flow in the Philippines by Mode of Transport (Rail): 1982 to 1989	13-38
Table 13.21	Regional Commodity Flow in the Philippines by Mode of Transport (Air): 1982 to 1989	13-42
Table 13.22	Regional Commodity Flow in the Philippines by Mode of Transport (Water): 1981 to 1987	13-58

Table 13.1 – NUMBER OF PASSENGERS, FREIGHT BY PHILIPPINE NATIONAL

Year	Passengers carried (thousand)	Passenger revenue (thousand pesos)	Revenue per passenger	MMRC Passenger Carried
1950	6,185.3	6,742.0	1.09	n.a.
1955	7,148.1	8,291.8	1.16	n.a.
1960	9,442.4	13,502.6	1.43	n.a.
1965	8,234.8	16,222.6	1.97	n.a.
1970	6,052.1	26,629.2	4.40	n.a.
1971	5,132.9	30,848.7	6.01	n.a.
1972	4,477.6	29,776.0	6.65	n.a.
1973	3,754.5	20,612.2	5.49	n.a.
1974	4,451.1	26,484.0	5.95	n.a.
1975	5,399.6	32,181.6	5.96	n.a.
1976	4,255.0	44,347.0	10.42	n.a.
1977	4,892.8	43,779.0	8.95	n.a.
1978	4,012.4	39,437.0	9.83	n.a.
1979	3,021.8	34,833.0	11.53	3,442.7
1980	2,465.7	42,429.0	17.21	4,957.7
1981	1,651.4	32,257.0	19.53	6,156.3
1982	1,316.2	27,996.0	21.27	4,335.9
1983	1,375.6	36,214.0	26.33	5,142.2
1984	1,262.6	48,796.0	38.65	4,755.4
1985	749.0	41,977.0	56.04	2,952.2
1986	909.6	45,519.0	50.04	2,834.7
1987	1,177.8	61,220.0	51.98	2,024.0
1988	968.1	64,768.0	66.90	1,182.1
1989	1,004.7	69,091.9	68.77	979.7

AND EXPRESS TONNAGE, AND REVENUE
RAILWAYS: 1950 to 1989

MMRC Revenue (Thousand pesos)	Revenue per Commuter	Freight tons loaded (thousand)	Freight revenue (thousand pesos)	Revenue per freight ton (pesos)
n.a.	n.a.	787.2	6,812.0	8.65
n.a.	n.a.	1,130.8	7,357.4	6.51
n.a.	n.a.	1,337.1	8,441.0	6.31
n.a.	n.a.	837.3	5,263.8	6.29
n.a.	n.a.	277.7	4,512.1	16.25
n.a.	n.a.	378.8	5,146.7	13.59
n.a.	n.a.	204.8	2,189.4	10.69
n.a.	n.a.	257.0	4,304.2	16.75
n.a.	n.a.	331.8	8,215.5	24.76
n.a.	n.a.	280.6	9,383.7	33.44
n.a.	n.a.	208.6	6,073.7	29.12
n.a.	n.a.	194.3	6,740.4	34.69
n.a.	n.a.	158.7	5,152.2	32.47
2,422.5	0.7037	145.5	5,783.4	39.75
6,501.8	1.3115	141.9	6,440.5	45.39
9,321.9	1.5142	115.8	6,729.9	58.12
7,151.1	1.6493	79.2	5,440.3	68.69
9,729.3	1.8921	65.3	5,377.6	82.35
13,093.0	2.7533	72.1	8,851.4	122.77
10,206.9	3.4574	53.0	7,667.4	144.67
7,927.4	2.7966	64.0	7,341.8	114.72
5,219.1	2.5786	62.2	7,903.6	127.07
2,975.3	2.5170	57.0	7,976.5	139.04
2,519.1	2.5713	53.2	6,861.6	129.0

Table 13.1 – NUMBER OF PASSENGERS, FREIGHT AND EXPRESS TONNAGE AND REVENUE BY PHILIPPINE NATIONAL RAILWAYS: (continued)
1950 to 1989

Year	Express tons loaded (thousand)	Express revenue (thousand pesos)	Revenue per express ton (pesos)
1950	44.3	1,674.6	37.80
1955	48.9	1,975.7	40.40
1960	59.6	2,344.6	39.34
1965	61.6	2,421.6	39.31
1970	100.3	4,415.9	44.03
1971	68.5	3,587.5	52.37
1972	69.9	3,582.8	51.26
1973	83.3	4,649.4	55.82
1974	104.5	8,224.8	78.71
1975	69.4	8,036.5	115.80
1976	56.4	5,736.6	101.71
1977	51.3	5,267.6	102.68
1978	37.2	3,802.9	102.23
1979	34.2	4,381.5	128.11
1980	24.8	4,288.5	172.92
1981	18.2	3,411.0	187.42
1982	15.8	3,642.0	230.51
1983	17.1	3,989.0	233.28
1984	21.6	6,878.3	318.44
1985	19.4	6,988.2	360.22
1986	21.5	8,116.7	377.52
1987	27.7	9,452.8	341.26
1988	23.3	10,091.2	433.10
1989	21.5	9,819.4	456.72

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

Source: Philippine National Railways.

Table 13.2 – NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE: 1982 to 1989

Type of Vehicle	1982	1983	1984	1985	1986	1987	1988	1989
Total motor vehicles	1,087,180	1,200,803	1,165,557	1,120,172	1,185,832	1,176,753	1,270,483	1,431,464
Private	947,807	1,068,114	1,035,732	988,143	925,229	931,750	1,026,057	1,162,065
Cars	318,975	348,637	343,747	332,473	338,687	343,775	361,494	393,699
Utility vehicles	317,718	354,015	340,553	328,179	334,930	357,768	400,166	452,459
Buses	4,671	4,191	3,676	2,804	3,119	3,497	3,273	3,535
Trucks	88,061	93,727	86,335	79,759	82,050	85,907	95,773	105,111
Motorcycles/ Tricycles	203,492	252,338	245,500	231,207	153,563	128,281	151,560	192,626
Trailers	14,890	15,206	15,921	13,721	12,880	12,522	13,791	14,635
For hire	77,393	83,350	87,082	90,607	219,871	207,384	204,093	223,233
Cars	8,894	9,698	8,344	7,123	9,086	7,355	7,092	9,755
Utility vehicles	41,688	50,256	56,353	57,961	62,491	66,018	55,895	62,773
Buses	11,939	11,962	11,253	11,641	11,586	11,278	11,420	13,077
Trucks	7,336	7,710	7,407	6,362	6,054	5,899	5,435	6,109
Motorcycles/ Tricycles	6,079	2,772	2,753	6,622	129,873	116,079	123,418	130,700
Trailers	1,457	952	972	898	781	755	833	819
Government	58,368	44,040	37,657	36,947	36,527	33,410	35,636	40,869
Cars	13,151	5,884	6,071	5,694	6,130	4,783	4,941	6,323
Utility vehicles	25,075	23,654	19,815	19,690	19,133	17,971	19,038	21,173
Buses	748	561	350	291	269	398	390	338
Trucks	9,723	7,416	6,200	6,001	5,694	4,589	5,241	5,251
Motorcycles/ Tricycles	8,872	6,315	5,080	5,161	5,189	5,208	5,924	7,649
Trailers	799	210	141	110	112	461	102	135
Diplomatic	3,612	5,299	5,086	4,475	4,205	4,209	4,697	5,297

Source: Land Transportation Office.

Table 13.3 – NUMBER OF MOTOR VEHICLES REGISTERED

Year	Total		Cars		Utility vehicles	
	New	Renewal	New	Renewal	New	Renewal
1981	133,449	872,581	35,645	282,440	35,072	329,634
1982	137,192	949,988	33,292	308,757	38,948	346,362
1983	137,250	1,063,553	31,111	335,891	38,075	389,850
1984	60,216	1,105,341	12,722	348,000	17,610	399,111
1985	41,570	1,078,602	8,589	339,360	11,669	394,161
1986	60,633	1,125,199	7,571	349,117	13,826	402,728
1987	71,000	1,105,753	10,657	348,108	23,144	418,613
1988	87,963	1,182,520	16,322	360,324	33,543	441,556
1989	141,499	1,289,965	32,808	380,190	50,821	485,584
(NCR)	75,102	513,136	24,891	244,342	25,908	190,589
Region 1	5,159	61,119	216	8,244	930	21,667
Region 2	4,042	30,385	86	3,099	795	10,299
Region 3	14,190	173,033	3,331	38,980	5,786	70,826
Region 4	19,720	131,022	2,757	24,184	11,784	62,692
Region 5	1,206	30,159	6	3,312	61	10,266
Region 6	3,944	67,751	354	12,571	1,176	25,457
Region 7	9,132	80,414	864	18,324	2,592	23,806
Region 8	1,157	21,810	1	1,663	139	7,614
Region 9	1,290	28,859	37	2,173	307	8,404
Region 10	1,440	44,277	5	5,630	210	15,330
Region 11	3,911	66,262	185	10,157	857	21,177
Region 12	869	26,334	1	3,255	87	9,323
CAR	337	15,404	74	4,256	189	8,134

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, NEW AND RENEWAL: 1981 to 1989

Trucks		Buses		Motorcycles/ Tricycles		Trailers	
New	Renewal	New	Renewal	New	Renewal	New	Renewal
11,661	91,479	2,270	15,551	47,313	139,677	1,488	13,800
10,336	96,538	1,187	16,171	51,342	167,101	2,087	15,059
9,746	101,110	1,042	15,672	55,608	205,817	1,668	15,213
4,759	97,312	433	14,846	23,366	229,967	1,326	16,105
3,220	90,718	277	14,459	16,965	226,025	850	13,879
3,413	91,805	309	14,665	34,750	253,875	764	13,009
5,112	92,640	545	14,628	30,430	219,138	1,112	12,626
6,438	101,589	573	14,510	29,659	251,243	1,428	13,298
8,273	110,109	868	16,082	46,599	284,376	2,130	13,624
6,040	30,994	255	4,262	16,726	37,022	1,282	5,927
59	4,492	125	1,679	3,801	24,454	28	583
334	4,594	40	633	2,692	11,392	95	368
676	15,824	116	2,942	4,002	41,465	279	2,996
170	9,823	142	2,305	4,784	31,014	83	1,004
5	2,675	6	924	1,124	12,922	4	60
228	11,193	69	494	2,091	17,509	26	527
613	7,400	21	643	4,763	29,512	279	729
10	2,678	20	371	982	9,341	5	143
21	2,485	14	324	907	15,389	4	84
19	6,304	4	454	1,198	16,265	4	294
76	7,830	38	646	2,723	25,662	32	790
9	2,636	16	150	747	10,888	9	82
13	1,181	2	255	59	1,541	0	37

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
1989	1,021,703	394,007	398,593	14,405	280,949	255,456
Metro Manila Area (NCR)	434,282	146,747	258,024	11,209	117,692	98,805
Region 1	45,625	20,042	8,290	170	9,362	13,235
Region 2	21,954	12,010	3,094	91	4,625	6,469
Region 3	131,554	52,394	41,489	822	41,628	34,984
Region 4	89,921	59,734	26,371	570	27,071	47,405
Region 5	21,853	9,448	3,266	52	4,394	5,933
Region 6	46,451	24,691	12,354	571	15,779	10,854
Region 7	74,780	13,758	18,947	241	20,211	6,187
Region 8	16,792	6,027	1,641	23	4,500	3,253
Region 9	25,012	5,049	2,202	8	6,093	2,618
Region 10	31,759	13,660	5,575	60	8,173	7,367
Region 11	51,093	18,258	10,057	285	11,834	10,200
Region 12	20,917	6,195	3,226	30	5,652	3,758
CAR	9,710	5,994	4,057	273	3,935	4,388

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, BY TYPE OF FUEL USED: 1981 to 1989

Trucks		Buses		Motorcycles/ Tricycles		Trailers
Gas	Diesel	Gas	Diesel	Gas	Diesel	
35,584	67,556	5,365	12,456	180,709	6,281	15,288
28,690	78,184	3,207	14,151	210,358	8,085	17,146
23,050	87,806	1,939	14,775	254,211	7,214	16,881
18,783	83,288	1,285	13,994	244,728	8,605	17,431
14,934	78,950	829	13,907	236,997	5,993	14,729
13,856	81,362	1,958	13,016	280,446	8,173	13,773
11,719	86,033	1,478	13,695	243,513	6,055	13,738
14,899	93,128	797	14,286	277,201	3,701	14,726
16,111	102,271	800	16,150	325,250	5,725	15,754
4,500	32,534	318	4,199	53,748	0	7,209
149	4,402	10	1,794	27,814	441	611
167	4,761	10	663	14,058	26	463
3,012	13,488	97	2,961	45,328	139	3,275
638	9,355	43	2,404	35,798	0	1,087
215	2,465	11	919	13,967	79	64
3,277	8,144	97	466	14,944	4,656	553
1,355	6,658	102	562	34,165	110	1,008
341	2,347	9	382	10,301	22	148
439	2,067	15	323	16,263	33	88
537	5,786	11	447	17,463	0	298
907	6,999	39	645	28,256	129	822
464	2,181	30	136	11,545	90	91
110	1,084	8	249	1,600	0	37

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					
Number of vessels	122,465	13,962	30,064	18,162	12,423
Gross tonnage	62,383	11,657	14,488	9,154	4,258
Net tonnage	35,930	6,548	8,637	5,121	2,365
1971					
Number of vessels	113,906	13,402	28,797	17,384	10,695
Gross tonnage	59,604	11,875	14,805	8,080	3,533
Net tonnage	33,920	6,581	8,305	4,880	1,963
1972					
Number of vessels	123,303	15,081	30,647	17,421	11,964
Gross tonnage	65,069	13,066	15,578	9,299	4,048
Net tonnage	36,371	7,086	8,810	5,261	2,307
1973					
Number of vessels	136,775	18,150	32,184	19,921	13,133
Gross tonnage	65,258	12,905	15,527	9,101	4,226
Net tonnage	38,180	7,347	9,244	5,401	2,427
1974					
Number of vessels	147,539	18,683	29,965	20,820	12,875
Gross tonnage	68,748	13,207	14,183	9,066	3,551
Net tonnage	42,518	7,729	8,984	6,197	2,088
1975					
Number of vessels	155,126	18,071	31,492	20,956	16,040
Gross tonnage	72,993	11,573	16,264	8,724	4,516
Net tonnage	44,178	6,920	8,636	7,224	2,691
1976					
Number of vessels	158,635	21,038	34,106	17,915	15,611
Gross tonnage	75,834	13,122	16,287	8,047	5,022
Net tonnage	44,946	8,655	8,910	4,725	2,956
1977					
Number of vessels	168,548	23,757	37,957	19,241	16,080
Gross tonnage	78,314	14,164	16,778	8,959	5,829
Net tonnage	47,917	9,799	9,341	6,334	3,231
1978					
Number of vessels	165,360	23,349	35,244	15,419	16,977
Gross tonnage	79,004	15,155	15,267	7,896	5,414
Net tonnage	49,914	10,404	8,998	7,592	3,121
1979					
Number of vessels	162,497	23,080	32,629	15,566	16,218
Gross tonnage	82,245	18,482	11,433	8,038	5,859
Net tonnage	51,700	10,886	8,577	7,735	3,318

OF VESSELS ENTERED AND
AND INTERNATIONAL: 1970 to 1989
thousands)

	International trade					
Others	Total	Manila	Cebu	Iloilo	Zamboanga	Others
47,854	16,303	4,409	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
75,004	14,690	5,702	1,002	601	288	7,097
38,433						
21,184	77,310	23,804	3,754	2,122	1,865	45,765

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

Year, vessels and tonnage	Domestic trade				
	Total	Manila	Cebu	Iloilo	Zamboanga
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	143,583	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	5,797
Net tonnage	51,669	11,310	10,797	7,090	3,316
1983					
Number of vessels	140,307	22,801	24,935	13,609	14,370
Gross tonnage	89,446	21,508	14,661	7,437	6,437
Net tonnage	56,614	12,976	10,315	7,237	3,694
1984					
Number of vessels	126,901	22,178	22,235	12,595	13,345
Gross tonnage	85,487	20,268	16,676	8,472	6,473
Net tonnage	51,407	11,030	8,143	8,047	3,586
1985					
Number of vessels	138,671	17,638	20,173	9,849	13,118
Gross tonnage	91,204	18,549	14,984	7,132	5,838
Net tonnage	52,726	11,424	6,957	3,976	3,182
1986					
Number of vessels	137,491	18,149	18,610	9,274	13,229
Gross tonnage	95,938	20,411	13,675	6,878	5,864
Net tonnage	55,267	12,518	7,116	3,753	3,205
1987					
Number of vessels	145,279	18,583	19,391	9,087	13,229
Gross tonnage	99,186	20,879	13,922	6,909	5,896
Net tonnage	57,879	13,358	7,309	3,656	3,329
1988					
Number of vessels	148,612	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
1989					
Number of vessels	161,012	20,500	20,788	10,312	14,104
Gross tonnage	123,934	23,526	19,344	9,800	7,737
Net tonnage	70,494	14,684	10,230	5,495	4,386

Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Limay, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, Jose Panganiban, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Princesa, Surigao & Virac.
Source: National Statistics Office.

OF VESSELS ENTERED AND
AND INTERNATIONAL: 1970 to 1989 (continued)
thousands)

	International trade					
Others	Total	Manila	Cebu	Iloilo	Zamboanga	Others
67,172	13,561	5,340	848	600	254	6,519
37,595						
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						
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						
19,156	79,089	24,232	3,525	1,535	1,688	48,109
64,592	13,279	4,770	760	327	283	7,139
39,403						
22,392	82,550	25,278	3,316	1,358	2,058	50,540
56,548	11,418	3,592	608	344	317	6,557
33,597						
20,601	72,492	19,276	2,814	1,511	2,037	46,854
77,893	10,971	3,752	608	230	288	6,093
44,701						
27,187	67,625	19,052	3,015	869	2,000	42,689
78,229	11,846	3,970	710	204	286	6,676
49,110						
28,675	73,101	18,741	3,348	723	1,976	48,313
84,989	11,865	4,255	811	121	272	6,406
51,580						
30,227	76,934	22,118	3,878	680	2,170	48,088
87,295	12,427	4,252	944	124	263	6,845
53,286						
30,704	77,654	22,104	3,991	631	1,826	49,102
95,308	14,278	5,201	1,060	184	305	7,528
63,527						
35,699	83,949	25,598	4,952	707	1,562	51,130

Table 13.7 – NUMBER AND GROSS TONNAGE

Vessels by gross tonnage/ by type of service	1981		1982		1983		1984	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	793	428,648	872	894,533	796	1,064,279	698	2,703,026
Passenger ships	14	3,272	22	5,369	46	68,289	9	3,404
Cargo ships	122	303,188	196	772,523	179	916,972	216	2,314,287
Tanker	33	6,045	7	15,604	24	7,594	15	332,308
Tugs, dredges, etc.	28	2,130	47	5,575	43	5,740	26	4,891
Light barges, etc.	279	93,351	109	68,455	77	40,016	37	30,231
Fishing vessels	313	20,595	474	16,917	355	21,818	217	12,298
Sailing vessels	4	66	15	132	40	2,524	105	2,544
Pleasure yachts	0	0	1	20	14	566	13	391
Miscellaneous ships	0	0	1	9,938	18	760	60	2,672

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

OF REGISTERED PHILIPPINE VESSELS: 1981 to 1989

1985		1986		1987		1988		1989	
Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
835	4,334,241	819	4,393,786	1,128	5,906,312	1,129	4,563,349	1,022	4,503,652
12	31,401	10	4,910	15	4,347	30	74,033	32	63,953
278	4,168,829	256	4,105,828	334	5,820,463	322	4,300,914	369	4,132,216
44	71,221	20	201,670	17	13,004	22	108,828	24	238,388
38	9,115	39	5,312	32	6,491	41	4,432	48	6,266
63	32,764	49	51,242	66	31,066	83	44,254	79	38,999
282	17,012	328	21,079	462	28,047	419	26,387	361	21,567
75	2,069	73	2,225	156	1,851	51	1,306	25	1,048
7	296	5	90	17	925	9	473	6	62
36	1,534	39	1,430	29	118	152	2,722	78	1,152

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	167	33,671
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	43,823	569	44,392
1978	43,709	41,134	43,937	658	44,595
1979	47,076	44,678	46,050	579	46,629
1980	43,522	42,384	43,379	428	43,807
1981	45,602	44,507	45,009	404	45,413
1982	45,897	44,972	45,667	466	46,133
1983	53,300	52,260	52,960	302	53,262
1984	51,570	50,361	50,962	235	51,197
1985	50,778	49,711	50,891	177	51,068
1986	53,964	53,083	53,656	96	53,752
1987	54,856	52,956	54,584	181	54,715
1988	60,937	58,530	59,866	132	59,998
1989	60,960	57,771	59,150	149	59,299

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,
1950 to 1989
thousands)

Passenger service				
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
187,473	383,749	243	26,888	6,125
121,221	209,264	315	13,993	7,018
298,573	489,901	...	29,181	11,423
809,822	1,328,525	1,671	81,495	20,920
1,261,416	2,500,664	1,665	132,142	40,590
1,264,660	2,395,750	1,323	141,383	37,075
1,357,523	2,760,261	1,402	151,821	45,657
1,587,953	2,872,367	1,527	175,452	30,061
2,389,944	4,045,771	2,513	249,057	40,785
2,753,262	5,018,857	2,743	321,844	54,210
2,993,145	5,448,766	2,806	370,698	64,296
3,613,620	6,135,816	3,021	433,258	59,708
4,450,920	6,533,001	3,419	508,500	48,299
4,668,610	7,040,850	3,472	525,497	46,773
6,033,347	8,965,939	3,313	712,033	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	12,288,612	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
10,592,931	14,047,177	5,912	1,381,451	120,737

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
1989	24,937	22,581	23,284	122	23,406

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,
1950 to 1989
thousands)

Passenger service				
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
77,184	132,872	224	9,704	5,642
102,994	177,955	299	11,867	6,824
263,542	444,300	...	25,715	11,014
565,859	797,593	1,605	50,736	19,564
596,762	1,008,782	1,491	54,814	35,016
494,692	710,974	1,146	46,565	29,187
498,112	807,181	1,219	46,905	36,581
533,654	827,719	1,309	50,332	23,911
910,590	1,366,032	2,202	76,310	32,783
1,074,839	1,633,402	2,387	99,292	42,987
1,044,968	1,654,761	2,377	102,030	49,888
1,130,862	1,644,607	2,496	106,880	43,735
1,314,641	1,763,576	2,791	113,974	31,899
1,291,497	1,825,136	2,742	114,003	31,121
1,100,653	1,549,875	2,299	98,690	28,035
1,166,839	1,562,907	2,445	102,326	28,440
1,258,704	1,661,506	2,674	112,273	35,648
1,392,516	1,862,517	2,982	126,759	45,548
1,452,001	1,880,766	3,077	131,088	46,697
1,551,995	1,947,919	3,267	140,100	46,584
1,620,224	2,042,847	3,457	150,421	54,980
1,774,545	2,213,965	3,769	168,324	65,939
1,868,192	2,262,588	3,956	174,293	63,820
1,921,064	2,470,837	4,121	180,539	66,442

Table 13.10 – OPERATING AND TRAFFIC STATISTICS
INTERNATIONAL:
(In

Year	Distance coverage				
	Scheduled kilometers	Schedule 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
1989	36,023	35,191	35,866	28	35,894

Source: Philippine Air Lines.

OF THE PHILIPPINE AIRLINES,
1950 to 1989
thousands)

Passenger service				
Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
110,289	250,877	19	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	4,491,209	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
8,671,868	11,576,340	1,791	1,200,912	54,295

Table 13.11–AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS, MANILA: 1975 to 1989

Year	Number of Flights	Number of Passengers		
		Total	Arrival	Departure
1975	10,460	1,205,826	579,601	626,225
1976	14,388	1,286,706	605,744	680,962
1977	16,534	1,604,914	771,043	833,871
1978	20,243	1,943,674	972,497	971,177
1979	20,736	1,996,813	1,018,741	978,072
1980	20,537	2,616,587	1,237,741	1,378,846
1981	20,503	2,650,546	1,339,053	1,311,493
1982	19,625	3,027,555	1,480,041	1,547,514
1983	19,936	3,088,337	1,487,676	1,600,661
1984	19,221	3,106,660	1,505,165	1,601,495
1985	19,328	3,172,764	1,521,767	1,650,997
1986	19,656	3,213,675	1,538,394	1,675,281
1987	20,626	3,542,826	1,678,943	1,863,883
1988	22,267	3,952,753	1,909,868	2,042,885
1989	23,668	4,368,433	2,118,427	2,250,006

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 1989

Year	Total	National	Private
FY 1959–60	101	64	37
1964–65	117	74	43
1969–70	123	75	48
1970–71	123	75	48
1971–72	135	76	59
1972–73	139	77	62
1973–74	146	78	68
1974–75	149	78	71
CY 1976	131	79	52
1977	135	79	56
1978	181	82	99
1979	202	85	117
1980	206	86	120
1981	205	85	120
1982	226	85	141
1983	227	86	141
1984	227	86	141
1985	228	87	141
1986	230	87	143
1987	227	84	143
1988	170	76	94
1989	180	86	94

Source: Bureau of Air Transportation.

Table 13.13 – PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE: FY 1964–1965 to CY 1989
(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	162,325.14	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
1989	157,253.20	41,368.15	93,556.51	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 1989 (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	26,203.82	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
1989	26,070.05	730.06	13,250.24	5,874.84	6,214.91	0.00
Local						
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
1989	131,183.16	40,638.09	80,306.27	6,649.42	3,589.38	0.00

Note: The decrease of the length of road network from CY 1986 to 1987 was caused by the accumulated decrease in the correction and/or revision of the length of certain national and barangay road section nationwide.

Source: Department of Public Works and Highways.

Table 13.14 – NUMBER AND LENGTH OF EXISTING BRIDGES IN THE PHILIPPINES: FY 1960–61 to CY 1989

(Length in linear meters)

Year	Number of Bridges			Length of Bridges		
	Total	National	Local	Total	National	Local
1960–61	10,693	5,293	5,400	226,681.91	131,100.67	95,581.24
1961–62	11,017	5,359	5,658	233,633.32	134,391.13	99,242.19
1962–63	11,330	5,425	5,905	240,524.81	137,681.59	102,843.22
1963–64	11,444	5,572	5,872	241,879.50	137,355.00	104,524.50
1964–65	11,709	5,313	6,396	244,003.85	136,647.00	107,356.85
1965–66	11,769	5,686	6,083	247,612.65	141,156.49	106,456.16
1966–67	11,464	5,776	5,688	246,050.43	143,933.05	102,117.38
1967–68	...	...	...	...	...	...
1968–69	11,736	5,902	5,834	220,511.96	147,354.11	73,157.85
1969–70	12,557	6,532	6,025	259,823.21	162,827.61	96,995.60
1970–71	12,897	6,472	6,425	270,733.93	164,955.96	105,777.97
1971–72	13,172	6,544	6,628	280,536.46	173,393.47	107,142.99
1972–73	13,878	7,009	6,869	294,732.00	184,462.00	110,270.00
1973–74	14,178	7,159	7,019	306,300.00	186,752.00	119,548.00
1974–75	14,573	7,328	7,245	318,776.06	189,060.00	129,716.06
1975–76	15,248	7,578	7,670	337,191.00	196,685.00	140,506.00
1976–77	15,923	7,828	8,095	355,608.00	204,320.00	151,288.00
1977–78	16,465	8,028	8,437	370,338.00	209,397.00	160,941.00
1979	17,006	8,228	8,778	385,070.00	215,208.00	169,862.00
1980	17,394	8,417	8,977	395,328.00	221,011.00	174,317.00
1981	17,866	8,599	9,267	404,178.06	224,493.00	179,685.06
1982	18,316	8,771	9,545	385,809.39	200,733.78	185,075.61
1983	18,777	8,946	9,831	395,383.81	204,755.94	190,627.87
1984	19,251	9,125	10,126	403,856.83	207,510.13	196,346.70
1985	19,738	9,308	10,430	427,977.83	225,640.73	202,337.10
1986	11,740	7,379	4,361	308,890.91	230,226.35	78,664.56
1987	11,572	7,211	4,361	304,305.31	225,640.75	78,664.56
1988	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56
1989	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56

No report for 1967–68.

Note: The decrease from CY 1986 to 1987 was due mostly to the deletion of length of bridges from the road action in the CY 1987 inventory, deletion of non-existing sections and double listed road sections.

Source: Department of Public Works and Highways.

Table 13.15 – NUMBER OF OPERATIONAL PORTS, BY REGION: 1982 to 1989

Year	Total	Port of Entry	Sub-port of Entry	Other national port	Municipal port	Private port
1982	543	38	15	24	226	240
1983	542	38	14	24	225	241
1984	542	38	14	24	226	240
1985	592	38	15	25	231	283
1986	607	38	15	25	237	292
1987	606	24	48	24	231	279
1988	392	19	54	0	85	234
1989	411	19	55	0	94	243
Metro Manila Area (NCR)	9	2	1	–	–	6
Region 1	6	1	–	–	3	2
Region 2	6	–	2	–	3	1
Region 3	15	–	1	–	2	12
Region 4	48	2	8	–	7	31
Region 5	18	1	6	–	6	5
Region 6	34	1	4	–	5	24
Region 7	81	2	10	–	21	48
Region 8	36	1	7	–	18	10
Region 9	28	2	6	–	5	15
Region 10	69	3	6	–	12	48
Region 11	40	2	2	–	11	25
Region 12	21	2	2	–	1	16

1 Starting 1988 other national is included in municipal port.

Source: Philippine Ports Authority.

Table 13.16 – NUMBER OF LICENSED RADIO

Type of station	1978	1979	1980	1981	1982
Total	16,605	15,344	20,022	23,670	33,121
Government	1,590	5,038	5,340	5,601	6,397
Private	15,015	10,306	14,682	18,069	26,724
Broadcast radio stations	363	365	377	583	778
Broadcast AM	238	239	236	416	560
Broadcast FM	34	34	77	86	137
Broadcast SW	91	92	64	81	81
Television stations	30	31	32	43	52
Fixed point to point stations	5,790	4,779	5,396	6,467	9,705
Commercial CP	3,162	2,443	...	3,534	5,035
Non-commercial CV	2,628	2,336	...	2,933	4,670
Coastal station	166	171	241	162	244
Aircraft radio station	830	515	729	590	702
Land base radio station	722	650	867	1,295	1,920
Land mobile radio station	3,745	1,147	1,619	2,744	5,617
Citizens band radio station	858	870	2,930	3,236	3,388
Amateur radio stations	534	455	601	744	1,070
Radio training stations	70	70	75	80	119
Fixed aeronautical stations	127	147	157	161	161
Ship stations	1,750	1,076	1,628	1,930	2,934
Maritime portable stations	30	30	30	34	34
Repeater stations	...	...	...	...	...
TV relay/x'lator	...	...	...	...	..
Portable	...	...	...	...	...
Radio navigation	...	...	...	...	...
Special stations	...	...	...	...	...
Cellular Base	...	...	...	...	...
PRS Base	...	...	...	...	...
Cellular Mobile	...	...	...	...	...
PRS Mobile	...	...	...	...	...
PRS Port	...	...	...	...	...

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

Source: National Telecommunications Commission.

STATIONS, BY TYPE OF STATION: 1978 to 1989

1983	1984	1985	1986	1987	1988	1989
44,593	50,014	52,695	22,511	28,117	31,587	40,435
7,785	8,341	8,604	1,698	1,917	2,015	2,312
36,808	41,673	44,091	20,813	26,200	29,572	38,123
752	795	378	417	411	389	359
589	622	294	231	218	273	249
142	152	80	76	83	111	105
21	21	4	110	110	5	5
56	56	68	41	51	42	42
14,243	15,810	16,277	5,413	6,122	6,463	6,895
8,571	9,692	10,129	1,600	992	973	1,202
5,672	6,118	6,148	3,813	5,130	5,490	5,693
315	380	403	137	763	642	677
790	895	962	449	18	472	38
2,402	2,693	2,824	2,064	2,533	2,652	2,734
9,198	10,668	12,086	5,870	5,290	6,920	7,373
3,388	3,633	3,633	903	912	492	482
1,734	2,559	2,976	3,150	7,900	7,853	12,826
143	337	357	64	85	85	105
205	205	210	32	68	69	130
3,546	3,606	3,881	2,259	1,884	2,269	2,654
36	36	36	0	0	0	0
...	...	...	...	...	43	143
...	...	...	7	92	45	62
...	...	...	...	...	1,043	1,401
...	...	...	...	...	5	11
...	...	...	7	71	88	90
...	...	...	...	...	...	3
...	...	...	...	...	...	543
...	...	...	...	...	...	0
...	...	...	...	...	...	359
...	...	...	...	...	...	1,196

Table 13.17 – TELECOMMUNICATION FACILITIES AND BY REGION:

Region	Telephone Lines	Telephone Exchange	Telegraph Stations
Philippines	657,818	248	1,544
Metropolitan Manila Area (National Capital Region)	462,918	–	21
Region 1	27,924	21	151
Region 2	4,278	8	114
Region 3	35,564	84	109
Region 4	33,925	45	219
Region 5	7,500	15	129
Region 6	22,162	16	132
Region 7	23,319	10	127
Region 8	4,700	10	145
Region 9	5,737	6	87
Region 10	6,946	9	111
Region 11	20,895	18	96
Region 12	1,950	6	103

Source: National Telecommunications Commission.

BROADCASTING STATIONS IN THE PHILIPPINES
1989

Telex Stations	Facsimile Stations	Radio Telephone	Radio Stations
62	9	76	40,435
–	–	–	18,387
5	1	8	1,824
3	–	1	440
9	–	5	1,757
5	–	32	1,589
6	1	13	1,763
7	2	1	3,107
5	1	1	3,962
3	1	6	605
3	1	1	1,041
7	1	8	2,246
3	1	–	2,924
6	–	–	790

Table 13.18 – NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP: FY 1949–50 to CY 1989

Year	Total	Government	Private
FY 1949–50	1,337	595	742
1954–55	1,903	732	1,171
1959–60	3,746	1,517	2,229
1964–65	5,898	1,550	4,348
1969–70	10,596	2,446	8,150
1970–71	11,198	2,447	8,751
1971–72	12,991	3,222	9,769
1972–73	...	...	...
1974	11,868	1,683	10,185
1975	12,752	1,522	11,230
1976	13,278	1,504	11,774
1977	16,697	1,564	15,133
1978	16,605	1,590	15,015
1979	15,344	5,038	10,306
1980	20,022	5,340	14,682
1981	23,670	5,601	18,069
1982	33,121	6,397	26,724
1983	44,593	7,785	36,808
1984	50,014	8,341	41,673
1985	52,695	8,604	44,091
1986	22,511	1,698	20,813
1987	28,117	1,917	26,200
1988	31,587	2,015	29,572
1989	40,435	2,312	38,123

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

Source: National Telecommunications Commission.

Table 13.19 – SUMMARY OF MAIL VOLUME HANDLED: 1979 to 1989

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	11.00
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
1989	645,199,308	161,101,059	806,300,367	1.00

Source: Bureau of Posts

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

Year/ Mode of Transport/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR) Quantity	Metropolitan Manila Area (NCR) Value	Region 1 Quantity	Region 1 Value
1982						
All Commodities	92,787	135,786	33,123	34,753	16,660	2,689
Metropolitan 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	73,671	144,356	28,800	32,272	294	1,597
Metropolitan Manila Area (NCR)	13,628	42,268	2	23	129	800
Region 1	2,584	3,079	351	1,126	3	9
Region 3	9,867	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	75,773	167,631	30,870	63,585	2,592	11,992
Metropolitan Manila Area (NCR)	5,250	18,961	3	17	12	74
Region 1	308	833	149	468	1	3
Region 3	17,397	8,380	108	980	23	117
Region 4	23,469	62,517	13,549	22,426	2,540	11,681
Region 5	29,349	76,940	17,061	39,694	16	117
1985						
All Commodities	59,784	166,162	24,188	63,186	8	39
Metropolitan 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

FLOW IN THE PHILIPPINES
RAIL, 1982 to 1989
Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
7,281	6,561	15,669	25,764	20,054	66,019
164	1,043	543	3,770	13,447	48,270
230	415	20	61	857	689
6,465	4,016	20	77	467	693
40	239	2,855	3,635	1,717	5,892
382	848	12,231	18,221	3,566	10,475
3,141	3,816	13,785	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
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

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

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1986						
All Commodities	69,430	180,953	24,281	69,391	62	406
Metropolitan 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
Metropolitan Manila Area (NCR)	14,958	74,626	7	111	27	256
Region 1	–	–	–	–	–	–
Region 3	1,216	2,847	51	227	28	167
Region 4	24,137	52,723	15,639	32,513	14	74
Region 5	30,431	119,002	11,257	49,919	9	72
1988						
All Commodities	74,431	361,839	20,237	86,893	5,709	16,372
Metropolitan Manila Area (NCR)	19,085	151,226	6	81	26	100
Region 1	–	–	–	–	–	–
Region 3	6,343	17,372	10	33	5,678	16,229
Region 4	24,322	56,643	13,486	29,112	2	13
Region 5	24,679	136,598	6,734	57,667	3	30
1989						
All Commodities	66,928	318,902	16,825	62,647	1,351	4,393
Metropolitan Manila Area (NCR)	15,205	131,561	4	58	14	250
Region 1	0	0	–	–	–	–
Region 3	6,987	19,373	19	190	1,337	4,143
Region 4	17,521	40,934	10,057	12,691	–	–
Region 5	27,214	127,032	6,744	49,707	–	–

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
RAIL, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
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
251	271	19,451	56,419	29,051	195,172
–	13	451	4,307	14,736	126,933
–	–	–	–	–	–
–	–	22	162	5,609	14,878
1	6	4,964	11,388	2,499	16,849
250	251	14,014	40,562	6,206	36,512

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
1982						
All Commodities	22,091	1,950,618	12,970	764,109	25	2,734
Metropolitan Manila Area (NCR)	6,882	681,156	–	–	14	2,187
Region 1	255	6,028	37	2,820	–	–
Region 2	52	45,235	23	43,414	5	88
Region 3	–	–	–	–	–	–
Region 4	1,277	33,150	1,274	32,779	1	57
Region 5	384	33,490	338	32,318	1	12
Region 6	3,977	203,603	3,775	195,853	1	34
Region 7	3,158	642,844	1,970	231,003	1	215
Region 8	429	11,929	415	11,244	*	9
Region 9	1,754	154,893	1,579	121,478	1	29
Region 10	1,338	57,906	1,273	43,810	*	31
Region 11	2,165	53,027	1,895	35,042	2	45
Region 12	421	27,357	392	14,346	*	26
1983						
All Commodities	21,497	1,299,356	14,037	526,160	16	2,420
Metropolitan Manila Area (NCR)	5,380	492,061	*	*	10	2,025
Region 1	250	6,145	43	2,726	*	2
Region 2	29	28,886	11	27,861	*	40
Region 3	–	–	–	–	–	–
Region 4	1,557	20,464	1,554	20,236	1	20
Region 5	325	123,463	288	122,160	*	20
Region 6	4,115	123,770	3,969	87,311	1	32
Region 7	3,793	262,710	2,566	120,551	2	193
Region 8	891	13,698	879	13,185	*	3
Region 9	1,369	76,880	1,244	35,792	*	21
Region 10	1,116	72,133	1,064	30,610	*	26
Region 11	2,247	51,100	2,024	39,773	1	31
Region 12	425	28,045	396	25,955	*	9

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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

Desti

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1982						
All Commodities	1,943	246,434	1,887	170,994	381	29,867
Metropolitan Manila Area (NCR)	1,315	227,329	1,520	124,516	310	21,695
Region 1	69	929	2	148	*	11
Region 2	*	21	*	14	*	101
Region 3	–	–	–	–	–	–
Region 4	1	90	*	59	*	16
Region 5	2	64	17	458	*	6
Region 6	2	164	145	5,019	5	220
Region 7	504	15,698	43	12,686	55	7,447
Region 8	2	97	8	359	*	*
Region 9	4	240	48	2,905	*	46
Region 10	6	378	17	11,837	2	77
Region 11	36	1,224	76	7,838	8	194
Region 12	2	199	10	5,155	*	54
1983						
All Commodities	1,772	126,615	1,639	192,886	358	37,126
Metropolitan Manila Area (NCR)	1,066	91,911	1,315	125,506	279	22,655
Region 1	124	1,237	3	223	4	45
Region 2	*	4	–	–	–	–
Region 3	–	–	–	–	–	–
Region 4	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

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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

Desti

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1984						
All Commodities	28,744	2,373,621	19,175	1,254,672	31	3,240
Metropolitan Manila Area (NCR)	6,210	728,014	–	–	17	2,317
Region 1	337	10,486	60	5,443	*	6
Region 2	196	138,355	101	134,764	7	237
Region 3	–	–	–	–	–	–
Region 4	2,194	163,978	2,188	163,425	1	100
Region 5	384	276,536	353	275,148	*	17
Region 6	5,675	197,924	4,980	186,626	1	69
Region 7	5,417	453,465	3,824	233,797	3	323
Region 8	609	20,369	593	19,771	*	2
Region 9	1,291	86,985	1,128	33,019	*	67
Region 10	1,056	125,519	995	103,869	*	23
Region 11	4,559	88,237	4,314	68,038	1	52
Region 12	816	83,752	640	30,772	*	28
1985						
All Commodities	29,908	2,875,188	20,440	1,645,888	22	3,299
Metropolitan Manila Area (NCR)	5,704	749,296	–	–	9	2,251
Region 1	282	10,174	34	3,737	*	7
Region 2	150	62,714	52	59,011	6	205
Region 3	–	–	–	–	–	–
Region 4	1,975	86,505	1,969	85,744	1	116
Region 5	397	284,564	336	282,901	*	4
Region 6	5,658	297,312	5,247	284,450	1	240
Region 7	6,587	757,831	4,517	435,096	2	187
Region 8	188	62,369	172	47,038	*	19
Region 9	1,492	120,990	1,256	56,141	1	126
Region 10	1,704	196,077	1,621	178,831	*	32
Region 11	5,023	144,976	4,609	125,220	1	96
Region 12	747	102,379	627	87,718	*	15

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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

Desti

Year/ Mode of Transport/ Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1984						
All Commodities	1,899	210,559	2,387	267,903	437	60,247
Metropolitan Manila Area (NCR)	1,137	180,060	1,427	142,728	352	45,892
Region 1	146	1,924	2	92	2	24
Region 2	*	8	*	18	*	3
Region 3	–	–	–	–	–	–
Region 4	2	202	*	54	*	8
Region 5	1	45	20	750	*	2
Region 6	2	100	653	8,322	4	312
Region 7	565	25,981	66	30,570	74	13,752
Region 8	2	76	13	483	*	2
Region 9	2	188	49	2,612	*	25
Region 10	4	365	30	19,659	*	41
Region 11	39	1,403	111	13,136	4	158
Region 12	1	207	17	49,479	*	28
1985						
All Commodities	1,927	187,810	2,087	229,606	410	58,060
Metropolitan Manila Area (NCR)	1,036	153,020	1,225	153,756	297	50,632
Region 1	126	2,316	3	213	*	14
Region 2	*	27	*	20	*	1
Region 3	–	–	–	–	–	–
Region 4	2	192	*	75	*	11
Region 5	*	42	43	956	*	5
Region 6	1	136	365	8,853	4	325
Region 7	696	29,626	124	8,059	104	6,853
Region 8	1	68	14	15,116	*	1
Region 9	2	225	79	5,348	2	86
Region 10	4	328	42	14,524	*	29
Region 11	59	1,515	177	10,378	2	70
Region 12	1	315	15	12,306	*	33

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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	
	Quantity	Value	Quantity	Value	Quantity	Value
1986						
All Commodities	37,624	2,952,911	22,490	1,390,942	45	5,431
Metropolitan 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
1987						
All Commodities	41,886	3,719,829	26,724	2,221,272	33	5,637
Metropolitan Manila Area (NCR)	8,904	1,098,969	–	–	21	3,912
Region 1	274	28,539	38	22,453	*	6
Region 2	238	79,335	126	74,639	1	134
Region 3	–	–	–	–	–	–
Region 4	1,868	60,924	1,861	59,916	2	195
Region 5	897	102,133	747	98,753	*	44
Region 6	5,845	282,576	5,236	241,431	2	282
Region 7	10,614	408,375	7,054	195,405	3	728
Region 8	369	21,200	333	18,680	*	22
Region 9	2,034	143,273	1,440	64,133	2	155
Region 10	2,179	108,894	2,011	99,275	*	42
Region 11	7,704	1,350,370	7,005	1,320,570	1	62
Region 12	961	35,240	873	26,016	*	55

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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

Desti

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1986						
All Commodities	3,389	285,042	3,317	335,863	666	83,762
Metropolitan Manila Area (NCR)	2,185	217,084	2,276	226,750	496	74,864
Region 1	174	3,068	3	470	*	10
Region 2	*	27	*	46	*	3
Region 3	–	–	–	–	–	–
Region 4	3	220	1	319	*	10
Region 5	1	152	108	2,154	*	37
Region 6	3	338	292	10,094	5	351
Region 7	928	60,848	137	30,032	152	7,939
Region 8	3	196	13	868	*	1
Region 9	3	228	125	5,497	10	354
Region 10	4	318	63	3,901	*	29
Region 11	82	2,215	286	53,338	2	134
Region 12	1	348	14	2,393	*	31
1987						
All Commodities	3,175	284,957	3,744	329,112	814	79,257
Metropolitan 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

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
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

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

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Desti Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1988						
All Commodities	41,551	4,565,113	23,573	2,320,739	23	4,172
Metropolitan Manila Area (NCR)	11,892	1,442,914	*	*	13	2,780
Region 1	222	70,854	13	65,745	*	1
Region 2	176	114,409	56	107,943	2	76
Region 3	–	–	–	–	–	–
Region 4	1,171	81,668	1,163	80,245	*	152
Region 5	761	69,205	671	46,363	*	52
Region 6	4,993	194,078	4,255	165,875	1	116
Region 7	10,271	739,922	6,762	160,634	4	665
Region 8	448	28,820	407	25,948	*	5
Region 9	1,696	143,641	1,256	60,277	1	115
Region 10	1,997	130,272	1,824	117,030	*	43
Region 11	7,066	1,509,283	6,399	1,460,146	1	117
Region 12	860	40,047	768	30,533	*	50
1989						
All Commodities	45,659	5,413,916	23,469	2,751,891	38	4,823
Metropolitan Manila Area (NCR)	17,210	1,710,258	*	*	28	3,509
Region 1	143	11,746	12	6,598	*	*
Region 2	92	85,072	42	77,988	2	77
Region 3	–	–	–	–	–	–
Region 4	1,546	124,392	1,524	122,061	1	288
Region 5	494	55,053	423	43,356	1	56
Region 6	4,438	193,104	3,997	165,204	1	58
Region 7	9,463	804,647	6,419	247,005	3	333
Region 8	461	34,703	400	30,298	*	4
Region 9	1,961	150,831	1,593	96,274	*	99
Region 10	1,910	286,334	1,781	197,652	1	144
Region 11	7,003	1,915,538	6,418	1,733,092	1	198
Region 12	938	42,238	860	32,362	*	57

FLOW IN THE PHILIPPINES
AIR, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
97	13,080	0	0	879	178,109	466	66,731
30	4,516	–	–	844	170,298	388	51,323
19	1,702	–	–	1	57	1	53
47	6,799	–	–	*	9	*	10
–	–	–	–	–	–	–	–
*	6	–	–	1	140	2	269
*	5	–	–	5	186	20	8,558
*	4	–	–	5	515	3	1,191
*	13	–	–	12	5,579	43	4,250
*	5	–	–	*	13	*	25
*	6	–	–	9	483	4	140
*	8	–	–	1	55	*	61
*	8	–	–	1	756	5	843
*	8	–	–	*	18	*	8

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

Desti

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1988						
All Commodities	3,853	371,726	4,845	556,397	1,081	200,496
Metropolitan Manila Area (NCR)	2,574	271,750	3,287	385,475	660	106,744
Region 1	137	2,846	3	165	1	44
Region 2	*	49	*	31	*	1
Region 3	–	–	–	–	–	–
Region 4	1	260	4	264	*	18
Region 5	8	559	59	1,612	1	33
Region 6	2	186	658	22,130	6	390
Region 7	1,053	89,661	115	103,385	393	92,152
Region 8	5	204	34	2,438	–	–
Region 9	7	651	220	12,255	14	640
Region 10	5	1,843	92	7,018	4	219
Region 11	59	3,142	345	17,239	3	211
Region 12	3	573	28	4,384	*	43
1989						
All Commodities	4,591	464,169	6,194	608,981	1,253	159,309
Metropolitan Manila Area (NCR)	3,612	326,067	5,099	418,900	846	132,393
Region 1	93	1,868	2	386	*	23
Region 2	*	36	*	64	*	32
Region 3	–	–	–	–	–	–
Region 4	2	436	10	846	*	72
Region 5	1	243	37	1,944	3	247
Region 6	1	118	370	19,188	7	1,026
Region 7	821	129,065	92	46,994	384	24,780
Region 8	5	221	52	3,944	–	–
Region 9	6	700	132	11,828	7	309
Region 10	8	1,454	65	83,220	1	90
Region 11	41	3,421	296	16,631	4	265
Region 12	1	540	38	5,035	*	72

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, 1982 to 1989 (continued)
Value in thousand pesos)

nation

Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1,740	252,357	1,620	255,491	3,194	313,340	442	89,774
828	106,067	1,364	162,677	1,928	202,744	306	38,921
2	113	1	144	13	318	*	58
*	1	*	21	*	4	*	6
–	–	–	–	–	–	–	–
*	31	*	97	*	106	*	4
2	123	2	132	2	114	*	17
8	684	14	1,106	42	2,511	2	269
614	74,391	115	70,588	1,109	98,190	60	45,391
1	61	1	24	1	84	*	15
117	60,167	5	931	53	6,700	17	1,670
21	1,166	4	327	44	2,370	1	120
142	8,779	112	19,119	*	19	1	172
4	774	*	324	1	180	55	3,131
2,409	347,296	1,668	352,691	4,074	319,292	521	147,544
1,515	123,809	1,509	203,489	2,917	229,127	420	46,826
1	75	1	477	14	455	*	53
*	1	*	38	*	8	*	9
–	–	–	–	–	–	–	–
*	51	1	49	3	150	1	22
1	69	1	78	2	253	1	59
5	1,006	10	1,489	39	2,837	2	469
533	130,449	90	41,183	998	78,930	67	96,066
*	49	1	43	2	98	*	3
153	34,982	3	417	51	4,543	3	1,050
4	490	1	186	47	2,731	1	243
186	54,928	51	104,940	*	46	1	409
12	1,387	*	302	1	113	24	2,335

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

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Desti Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1981						
All Commodities	11,440,197	34,977,146	3,646,163	10,881,698	316,147	823,246
Metropolitan Manila Area (NCR)	1,004,812	7,156,672	-	-	1,652	2,818
Region 1	16,891	17,102	343	1,222	-	-
Region 2	33,661	35,960	30,526	33,583	672	766
Region 3	2,536,958	6,166,003	1,438,394	3,399,509	180,184	385,296
Region 4	1,457,477	3,472,950	351,648	785,078	114,554	394,896
Region 5	170,104	504,132	32,678	141,265	1,154	1,704
Region 6	1,251,618	3,084,379	424,649	1,281,401	123	1,530
Region 7	1,607,846	5,591,005	412,882	1,685,249	3,281	8,397
Region 8	473,393	1,089,497	75,527	207,207	-	-
Region 9	474,372	1,335,647	83,634	325,132	5,623	12,832
Region 10	725,150	1,924,190	189,244	648,254	-	-
Region 11	874,303	2,607,126	376,611	1,515,198	8,057	11,060
Region 12	813,613	1,992,483	230,027	858,599	850	3,947
1982						
All Commodities	11,434,821	37,643,049	3,874,503	12,390,821	414,145	912,438
Metropolitan Manila Area (NCR)	1,096,032	7,705,205	-	-	4,290	8,902
Region 1	18,717	20,710	411	3,315	-	-
Region 2	60,247	57,504	54,666	50,287	-	-
Region 3	2,636,419	7,035,187	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;

Desti

Year/ Mode of Transport/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
1981						
All Commodities	1,043,615	3,066,727	1,838,002	5,876,688	375,034	1,158,211
Metropolitan 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
Metropolitan Manila Area (NCR)	130,472	1,048,605	331,692	2,256,295	57,241	380,889
Region 1	-	-	424	776	-	-
Region 2	-	-	96	383	-	-
Region 3	84,618	264,644	166,817	486,348	41,102	145,473
Region 4	112,223	329,618	149,181	364,739	25,763	89,880
Region 5	899	3,167	17,924	40,225	2,903	7,852
Region 6	484,421	1,112,811	133,529	425,944	25,029	47,404
Region 7	186,558	578,469	221,475	718,392	121,014	457,878
Region 8	4,297	9,416	95,249	238,405	37,766	86,094
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;

Desti

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1983						
All Commodities	12,767,659	43,950,432	4,201,669	14,921,255	347,184	622,760
Metropolitan Manila Area (NCR)	1,244,833	8,503,597	-	-	39	531
Region 1	51,746	104,712	1,270	5,020	-	-
Region 2	88,386	113,699	79,086	96,355	-	-
Region 3	2,440,616	6,751,213	1,197,211	3,569,317	213,960	316,237
Region 4	1,580,059	4,566,241	361,707	849,795	80,819	276,288
Region 5	150,944	459,733	41,164	135,891	-	-
Region 6	1,264,920	4,065,232	461,362	1,803,245	18	200
Region 7	1,758,097	6,410,355	417,883	1,931,530	3	56
Region 8	448,201	1,459,862	136,314	429,488	-	-
Region 9	731,721	1,808,461	140,993	458,462	51,323	28,938
Region 10	866,893	2,630,099	288,987	1,072,353	-	-
Region 11	1,218,553	4,005,724	656,113	2,734,081	-	-
Region 12	922,691	3,071,504	419,579	1,835,717	1,021	511
1984						
All Commodities	11,880,327	56,914,710	3,298,024	18,090,053	226,147	1,054,654
Metropolitan Manila Area (NCR)	774,257	6,491,402	3,472	13,921	1,284	4,537
Region 1	37,200	153,378	5,880	27,469	-	-
Region 2	15,337	31,037	14,565	29,109	-	-
Region 3	2,368,487	12,387,949	1,088,535	6,030,700	113,024	684,023
Region 4	1,404,633	6,293,868	134,976	710,022	104,986	347,617
Region 5	234,490	923,007	29,100	151,818	1,711	1,556
Region 6	1,010,208	4,184,287	294,090	1,218,119	2,648	8,694
Region 7	2,306,776	9,176,175	241,221	1,504,132	706	6,000
Region 8	361,383	1,686,413	124,186	439,441	29	534
Region 9	315,404	1,698,603	26,109	204,149	-	-
Region 10	1,023,284	4,379,381	349,344	1,737,949	-	-
Region 11	1,226,305	5,925,519	626,701	4,014,842	1,760	1,694
Region 12	802,564	3,583,695	359,846	2,008,382	-	-

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;

Desti

Year/ Mode of Transport/ Origin	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	264,600
-	-	-	-	2,250	11,393	-	-
-	-	-	-	-	-	-	-
43,019	246,799	86,492	367,747	203,218	1,100,413	56,194	291,006
35,161	195,581	134,718	598,588	128,107	609,283	70,891	309,788
5,222	46,094	44,859	80,167	3,667	15,342	6,843	32,109
46,422	216,723	93,020	385,157	11,473	61,057	9,805	46,805
80,020	511,386	627,303	1,370,310	138,930	724,606	76,671	288,491
38,712	314,104	24,515	117,471	16,988	50,913	205	134
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	Total Quantity	Total Value	Metropolitan Manila Area (NCR) Quantity	Metropolitan Manila Area (NCR) Value	Desti Region 1 Quantity	Desti Region 1 Value
1985						
All Commodities	13,349,723	72,679,169	3,558,989	22,849,724	240,050	1,648,444
Metropolitan 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
Metropolitan 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;

Desti

Year/ Mode of Transport/ Origin	Region 6		Region 7		Region 8	
	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
Metropolitan 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	46,163	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
Metropolitan 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

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
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	93,607	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;

Desti

Year/ Mode of Transport/ Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1987						
All Commodities	15,621,817	95,984,898	4,382,695	29,434,538	335,939	2,202,111
Metropolitan Manila Area (NCR)	1,028,466	12,196,364	87	4,373	700	2,450
Region 1	112,440	1,506,093	-	-	-	-
Region 2	1,875	636	1,875	636	-	-
Region 3	2,512,973	14,928,838	1,092,646	6,406,207	105,886	770,521
Region 4	2,095,285	13,966,681	197,968	1,241,722	191,104	1,285,691
Region 5	158,640	738,905	35,366	239,935	-	-
Region 6	1,275,410	7,701,563	521,389	3,651,592	20	120
Region 7	3,405,442	17,518,488	379,806	2,970,953	14,938	55,129
Region 8	726,062	3,148,835	250,535	1,002,588	19,090	83,600
Region 9	477,408	3,024,934	41,399	514,060	-	-
Region 10	1,166,273	7,020,885	518,511	3,631,069	-	-
Region 11	1,385,030	8,577,941	748,275	6,119,955	4,200	4,600
Region 12	1,276,513	5,654,735	594,837	3,651,448	-	-

Desti

Year/ Mode of Transport/ Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
1987						
All Commodities	1,541,023	10,297,191	2,703,323	16,248,920	1,156,452	7,131,812
Metropolitan Manila Area (NCR)	224,866	2,873,527	314,153	3,402,393	50,300	581,949
Region 1	-	-	-	-	112,440	1,506,093
Region 2	-	-	-	-	-	-
Region 3	189,725	1,298,151	308,560	1,554,390	91,403	606,300
Region 4	207,716	1,678,197	332,890	2,504,387	62,681	434,160
Region 5	8,680	17,925	24,103	85,712	8,419	42,333
Region 6	235,644	1,184,071	288,676	1,476,439	48,961	302,014
Region 7	346,501	2,339,623	290,847	1,777,937	636,527	3,195,963
Region 8	55,082	225,735	131,273	607,732	33,858	180,610
Region 9	2,064	19,965	85,480	469,642	678	5,664
Region 10	47,704	246,085	439,338	2,239,881	3,728	26,842
Region 11	43,293	70,982	286,928	1,300,078	44,149	167,686
Region 12	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	91,942	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

14 ENERGY AND WATER RESOURCES

The field of energy has recently emerged as a major economic concern of the government since its role in the development process in terms of stimulating the economy and supporting the rising standard of living has become more fully appreciated. The government has 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. Also presented in this chapter are crude oil importations by country of origin, petroleum products consumption and sale to industrial consumers, electric energy consumption by sector and power generation by utility.

Similarly, the water resource sector is a 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 certiricates of conformance per region and irrigated and benefited areas, irrigated areas classified by type of system, by region and province.

Statistics on energy and water resources are produced by the National Statistics Office, National Power Corporation, Manila Electric Company, National Electrification Administration, Office of Energy Affairs, Department of Energy, National Irrigation Administration and Local Water Utilities Administation.

Table 14.1	Historical Energy Consumption by Source: 1978 to 1989	14-4
Table 14.2	Crude Oil Sources by Country of Origin: 1973 to 1989	14-8
Table 14.3	Petroleum Products Consumption, by Type: 1973 to 1989	14-14
Table 14.4	Petroleum Products Sales to Industrial Consumer: 1974 to 1989	14-16
Table 14.5	Electric Energy Consumption by Sector: 1973 to 1989	14-18
Table 14.6	Installed Generating Capacities of Power Utilities by Plant Type: 1989	14-19
Table 14.7	Power Generation by Utility: 1981 to 1989	14-20
Table 14.8	Duly Organized Water Districts Filed and Issued Conditional Certificate of Conformance Per Region: 1978 to 1990	14-21
Table 14.9	Annual Report of Irrigated and Benefitted Areas of National systems: 1970 to 1989	14-22
Table 14.10	Generated Area of National, Communal and Pump/Private Irrigation Systems/Projects: 1964 to 1989	14-24
Table 14.11	Irrigation Development by Region: 1989	14-25

Figure 14.1	Energy Consumption by Source, 1980 to 1989	14-3
Figure 14.2	Crude Oil Sources by Country of Origin, 1980 to 1989	14-13

Figure 14.1 Energy Consumption, 1980 to 1989

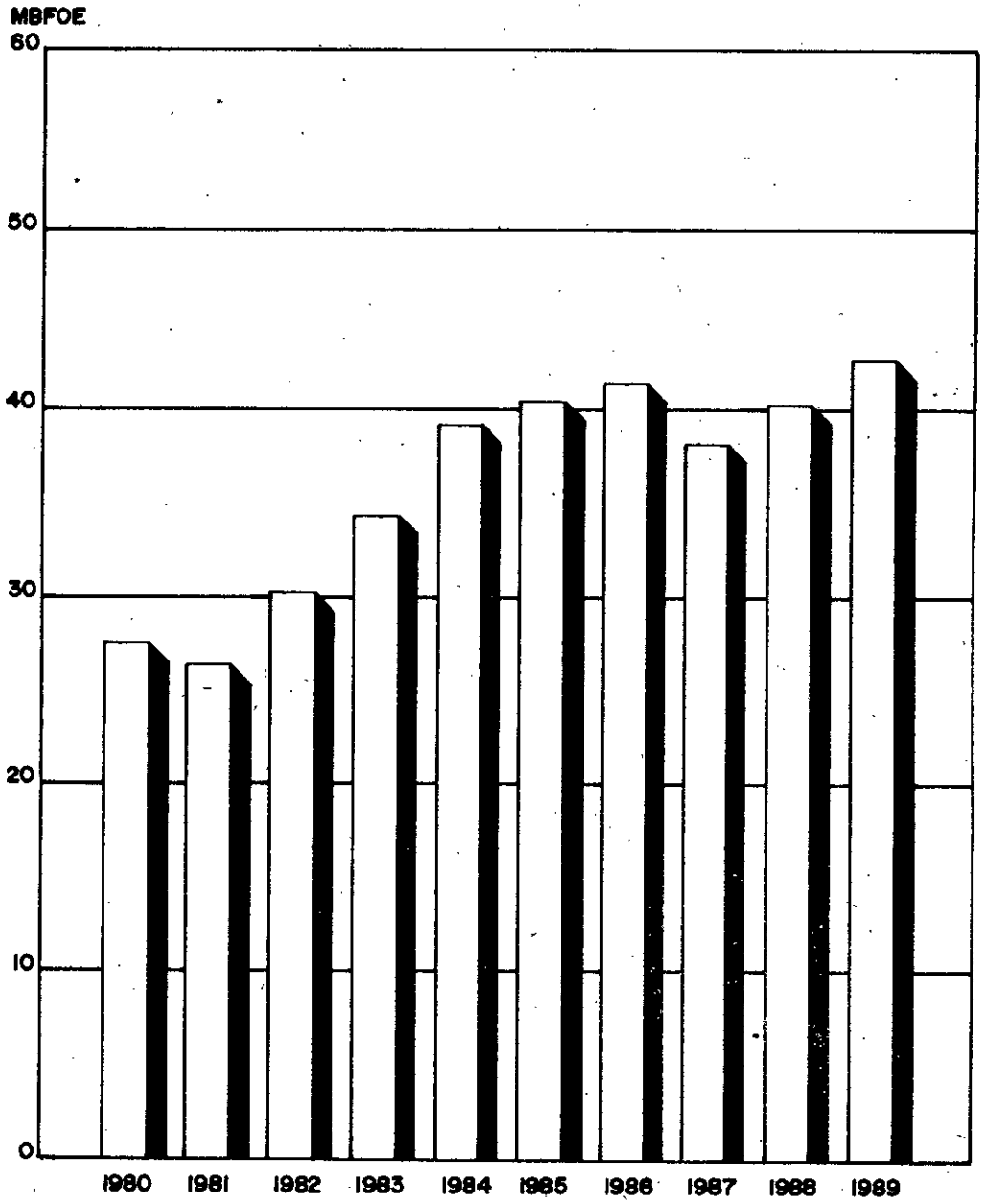


Table 14.1 – HISTORICAL ENERGY
(In million barrels of Fuel–

	1978		1979		1980	
	Vol.	%	Vol.	%	Vol.	%
INDIGENOUS ENERGY	18.79	19.97	26.92	27.64	27.42	28.31
I. Conventional	5.58	5.93	13.86	14.23	13.91	14.35
Oil	0.00	0.00	7.18	7.37	3.51	3.62
Coal	0.93	0.99	0.82	0.84	0.96	0.99
Hydro	4.64	4.93	4.80	4.93	5.94	6.13
Geothermal	0.01	0.01	1.06	1.09	3.50	3.61
II.Non-Conventional	13.21	14.04	13.06	13.41	13.51	13.96
Bagasse	6.41	6.81	6.35	6.52	5.90	6.09
Agriwaste	6.80	7.23	6.71	6.89	7.60	7.85
Others	0.00	0.00	0.00	0.00	0.01	0.02
IMPORTED ENERGY	75.34	80.04	70.50	72.37	69.45	71.69
Oil	75.34	80.04	70.50	72.37	69.45	71.69
Coal	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
Growth Rate, %		4.9		3.5		(0.6)

CONSUMPTION BY SOURCE, 1978 to 1989
Oil Equivalent, MBFOE)

1981		1982		1983	
Vol.	%	Vol.	%	Vol.	%
26.31	28.15	30.21	31.64	34.02	34.55
13.41	14.35	16.96	17.76	19.43	19.73
1.37	3.62	2.95	3.09	4.65	4.72
0.91	0.99	1.11	1.16	2.63	2.67
6.38	6.13	6.65	6.97	5.12	5.20
4.75	3.61	6.25	6.54	7.03	7.14
12.90	13.80	13.25	13.88	14.60	14.83
6.22	6.66	7.35	7.70	5.48	5.56
6.34	6.78	5.82	6.10	9.06	9.20
0.34	0.36	0.08	0.08	0.06	0.07
67.16	71.85	65.25	68.35	66.45	65.45
67.16	71.85	65.25	68.35	63.54	64.53
0.00	0.00	0.00	0.00	0.91	0.92
93.47	100.00	95.46	100.00	98.47	100.00
	(3.5)		2.3		3.2

Table 14.1 – HISTORICAL ENERGY
(In million barrels of Fuel–

	1984		1985		1986	
	Vol.	%	Vol.	%	Vol.	%
INDIGENOUS ENERGY	39.11	41.70	40.58	44.08	41.35	44.33
I. Conventional	24.10	25.69	24.39	26.49	25.13	26.95
Oil	3.54	3.77	2.41	2.62	2.85	3.06
Coal	3.65	3.89	3.84	4.17	4.02	4.31
Hydro	9.10	9.70	9.61	10.43	10.37	11.12
Geothermal	7.81	8.33	8.53	9.27	7.89	8.46
II. Non-Conventional	15.01	16.01	16.19	17.59	16.22	17.38
Bagasse	6.57	7.01	4.36	4.74	4.09	4.38
Agriwaste	8.25	8.79	11.63	12.63	11.65	12.48
Others	0.19	0.21	0.20	0.22	0.48	0.52
IMPORTED ENERGY	54.67	58.30	51.49	55.92	51.93	55.67
Oil	52.64	56.14	47.28	51.35	49.76	53.34
Coal	2.03	2.16	4.21	4.57	2.17	2.33
TOTAL ENERGY	93.78	100.00	92.07	100.00	93.29	100.00
Growth Rate, %		4.8		(1.8)		1.3

* Less than 0.01 MBFOE
Source: Office of Energy Affairs

CONSUMPTION BY SOURCE, 1978 to 1989 (continued)
Oil Equivalent, MBFOE)

1987		1988		1989	
Vol.	%	Vol.	%	Vol.	%
38.16	38.07	40.28	37.20	42.95	36.10
22.83	22.78	25.84	23.90	26.33	22.10
1.75	1.76	1.91	1.80	1.73	1.40
4.27	4.10	4.78	4.40	4.19	3.50
9.00	9.06	10.80	10.00	11.26	9.50
7.81	7.86	8.35	7.70	9.15	7.70
15.33	15.29	14.44	13.30	16.62	14.00
3.54	3.53	4.59	4.20	6.14	5.20
11.23	11.20	9.33	8.60	9.92	8.30
0.56	0.56	0.52	0.50	0.56	0.50
					—
61.89	62.15	67.84	62.80	76.09	63.90
59.18	59.43	64.25	59.30	72.47	60.90
2.71	2.72	3.59	3.50	3.62	3.00
100.05	100.00	109.98	100.00	119.03	100.00
	7.5		8.8		10.10

Table 14.2 – CRUDE OIL SOURCES
(Volume in thousand barrels;

Country	1973		1974		1975	
	Volume	Value	Volume	Value	Volume	Value
Total	68,680	218,425	60,345	612,404	67,450	726,457
Middle East	65,581	206,025	57,673	590,520	54,519	611,913
Saudi Arabia	37,787	118,989	34,774	348,248	34,911	391,110
Kuwait	18,897	61,483	14,847	159,450	13,863	156,714
Iran	5,955	16,319	4,107	40,635	2,797	31,028
Iraq	235	607	–	–	2,516	27,874
Abu Dhabi	1,604	5,474	575	6,422	432	5,187
Qatar	1,103	3,153	3,370	35,765	–	–
Dubai	–	–	–	–	–	–
Oman	–	–	–	–	–	–
Neutral Zone	–	–	–	–	–	–
United Arab Emirates	–	–	–	–	–	–
Other regions	3,099	12,400	2,672	21,884	12,931	114,544
Indonesia	–	–	–	–	5,357	63,772
Malaysia	3,099	12,400	1,827	21,884	4,260	50,772
Brunei	–	–	–	–	–	–
China (PROC)	–	–	845	n.a.	3,314	n.a.
Mexico	–	–	–	–	–	–
Australia	–	–	–	–	–	–

BY COUNTRY OF ORIGIN: 1973 to 1989
CIF value in million US dollars)

1976		1977		1978		1979	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
69,501	791,257	70,850	836,872	72,930	3,250,984	67,047	1,279,506
51,850	617,849	51,293	653,110	51,951	3,072,777	46,955	888,891
24,685	292,868	25,784	323,223	20,515	2,662,279	23,159	418,422
19,626	234,395	11,982	155,271	12,331	158,842	10,004	188,163
2,763	32,749	4,239	53,133	6,056	77,494	1,921	39,822
4,762	57,663	9,288	121,483	12,739	170,013	11,871	242,484
–	–	–	–	–	–	–	–
14	174	–	–	–	–	–	–
–	–	–	–	310	4,149	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
17,651	173,408	19,557	183,762	20,979	178,207	20,092	390,615
9,150	113,963	10,439	140,213	11,478	155,222	8,015	155,666
4,450	57,588	3,033	43,549	1,472	21,547	3,082	69,637
143	1,857	–	–	99	1,438	1,910	40,356
3,908	n.a	6,085	n.a	7,930	n.a.	7,085	124,956
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–

Table 14.2 – CRUDE OIL SOURCES
(Volume in thousand barrels;

Country	1980		1981		1982	
	Volume	Value	Volume	Value	Volume	Value
Total	68,014	2,107,704	58,122	2,030,220	57,003	1,926,112
Middle East	49,952	1,516,219	41,663	1,422,778	42,716	1,454,301
Saudi Arabia	27,831	819,159	31,312	1,043,979	28,226	954,104
Kuwait	9,385	285,143	7,122	259,338	6,631	221,261
Iran	–		–	–	–	
Iraq	7,843	245,675	–	–	–	
Abu Dhabi	602	20,994	–	–	–	
Qatar	1,344	46,310	–	–	2,191	77,852
Dubai	2,021	67,696	3,229	119,461	5,668	201,084
Oman	926	31,242	–	–	–	
Neutral Zone	–	–	–	–	–	
United Arab Emirates	–	–	–	–	–	
Other regions	18,062	591,485	16,459	607,442	14,287	471,811
Indonesia	6,081	191,937	5,202	184,664	2,778	98,781
Malaysia	3,561	132,784	3,515	140,834	2,160	78,161
Brunei	1,455	51,754	3,215	122,667	2,207	78,630
China (PROC)	6,965	215,010	4,527	159,277	4,542	134,245
Mexico	–	–	–	–	2,600	81,994
Australia	–	–	–	–	–	–

BY COUNTRY OF ORIGIN: 1973 to 1989 (continued)
CIF value in million US dollars)

1983		1984		1985		1986	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
59,827	1,763,035	49,453	1,418,424	48,843	1,337,449	49,912	671,346
42,821	1,269,372	28,010	796,931	23,871	658,594	33,486	414,803
25,521	751,525	12,838	367,999	8,855	244,927	12,041	164,726
5,676	160,658	11,269	317,557	8,068	223,481	7,642	101,066
1,206	34,904	–	–	889	24,534	6,888	81,615
–	–	–	–	–	–	500	8,485
1,815	55,141	–	–	2,850	78,016	–	–
–	–	1,825	51,938	–	–	1,855	24,183
7,123	224,417	680	19,886	2,157	58,754	2,949	34,728
1,000	29,745	602	17,434	–	–	–	
480	12,982	796	22,117	1,052	28,882	–	–
–	–	–	–	–	–	1,611	–
17,006	493,663	21,443	621,493	24,972	678,855	16,426	256,543
5,881	175,777	5,258	156,658	4,417	125,192	3,274	45,427
2,596	81,312	1,823	55,558	545	14,927	9,338	161,169
1,841	56,826	6,337	165,744	8,088	204,753	485	10,556
4,074	108,536	8,025	243,533	10,497	295,267	3,329	39,391
2,614	71,212	–	–	–	–	–	–
–	–	–	–	1,425	38,716	–	–

Table 14.2 – CRUDE OIL SOURCES BY COUNTRY OF ORIGIN: 1973 to 1989 (continued)

(Volume in thousand barrels; CIF in million us dollars)

Country	1987		1988		1989	
	Volume	Value	Volume	Value	Volume	Value
Total	61,148	1,080	70,784	1,007	70,886	1,199
Middle East	41,129	721	51,980	720	55,413	920
Saudi Arabia	10,300	177	4,579	58	9,696	158
Kuwait	16,009	279	9,966	134	10,024	166
Iran	5,183	90	12,901	180	15,136	254
Iraq	1,307	24	1,314	17	4,225	72
Abu Dhabi	–	18	–	–	–	–
Qatar	994	36	2,752	39	2,273	39
Dubai	2,013	58	9,181	131	9,929	157
Oman	3,135	15	5,440	81	–	–
Neutral Zone	911	24	1,785	25	–	–
United Arab Emirates	1,277		4,062	55	4,130	74
Other regions	20,019	359	18,804	287	15,473	279
Indonesia	1,411	26	–	–	–	–
Malaysia	7,702	144	9,244	147	7,859	148
Brunei	3,104	59	2,138	35	2,219	43
China (PROC)	6,551	106	4,208	55	3,875	59
Mexico	–	–	–	–	–	–
Australia	1,251	24	3,214	50	1,520	29

a/ As of September only.
Source: Office of Energy Affairs.

Figure 14.2 Volume and Value of Crude Oil, 1980 to 1989

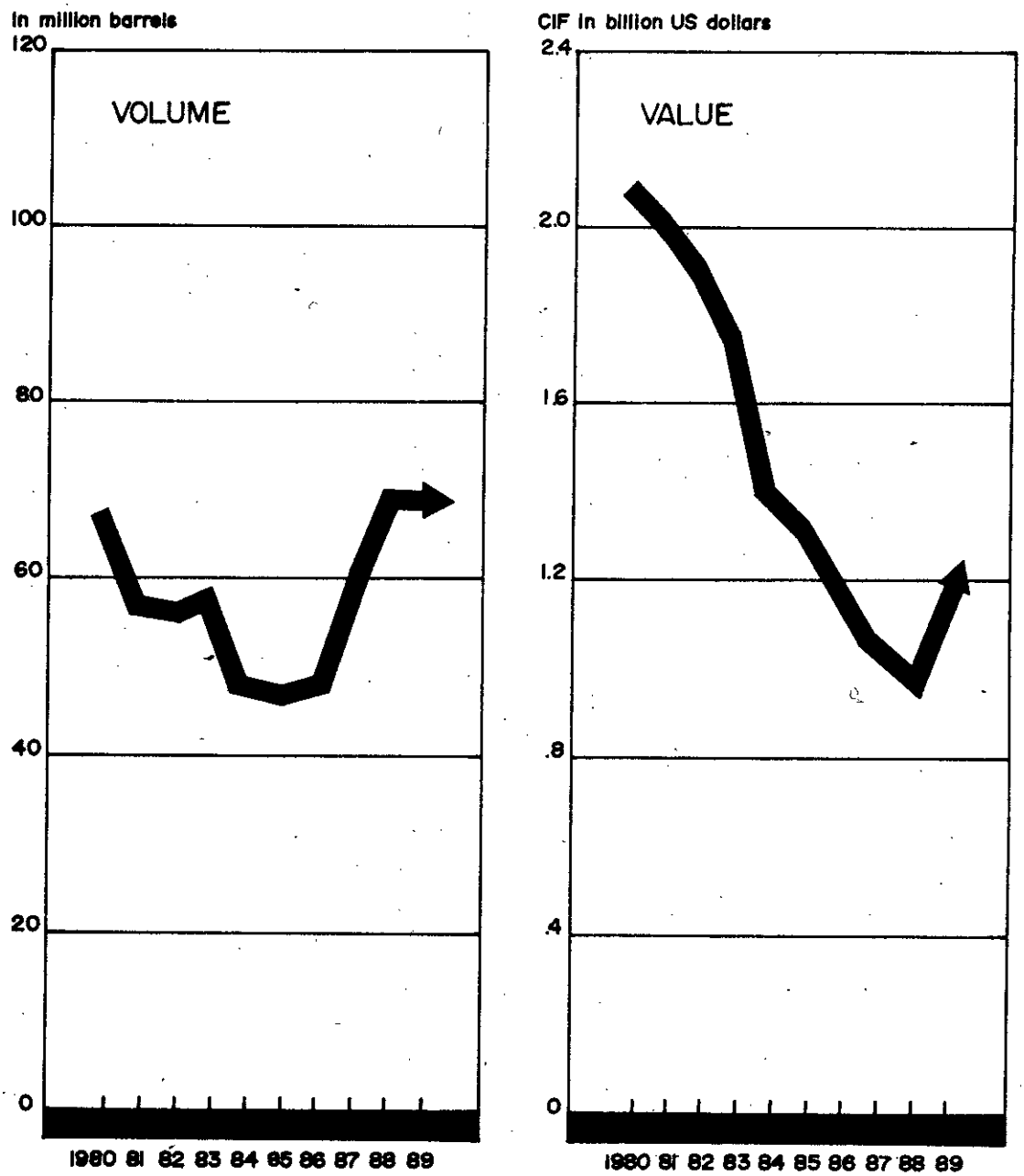


Table 14.3 – PETROLEUM PRODUCTS
(In thousand

Product	1973	1974	1975	1976	1977	1978	1979	1980
TOTAL	71,059	66,518	72,155	73,929	80,152	83,011	85,763	79,979
Avgas	158	172	185	176	151	140	112	62
Avturbo	2,035	1,992	2,165	2,145	2,320	2,597	2,668	2,605
Premium gasoline	4,171	4,177	5,124	5,530	6,102	6,832	6,652	5,866
Regular gasoline	12,290	10,436	10,132	9,268	8,791	8,395	7,805	5,299
Diesel	12,753	12,216	13,227	14,027	14,836	15,582	16,952	17,428
Fuel oil	28,257	26,987	29,829	31,418	35,784	36,838	38,659	37,129
Kerosene	3,320	2,878	3,154	3,236	3,393	3,683	3463	3,179
LPG	1,842	1,839	2,086	2,177	2,407	2,593	2,934	2,411
Propylene	–	–	–	–	–	–	–	–
Asphalts	435	295	425	458	377	397	418	343
Refinery process gas	212	240	262	204	183	211	236	233
Solvents	221	221	244	237	214	230	371	311
Naptha	145	282	748	676	866	709	792	813
Lubes	1,135	938	942	929	933	1,029	1,097	988
Greases	33	31	30	29	28	30	33	28
Waxes and petrolatum	16	55	69	105	128	137	2	1
Refinery fuel and loss	4,036	3,759	3,533	3,314	3,639	3,608	3,569	3,283

Source: Office of Energy Affairs.

SALES TO INDUSTRIAL CONSUMER: 1974 to 1989
barrels)

1981	1982	1983	1984	1985	1986	1987	1988	1989
43.8	46.1	47.8	36.8	33.6	34.94	38.8	44.4	48.1
3.8	3.0	2.1	0.3	0.1	0.2	0.4	0.5	1.6
1.1	1.1	1.0	0.6	0.6	0.7	0.8	0.9	1.0
1.3	0.8	0.7	0.2	0.2	0.2	0.3	0.3	0.3

CONSUMPTION, BY TYPE: 1973 to 1989
barrels)

1981	1982	1983	1984	1985	1986	1987	1988	1989
75,245	74,871	74,850	61,659	55,122	57,737	67,136	72,570	81,584
59	59	51	39	36	35	36	39	39
2,588	3,436	2,659	2,824	2,710	2,716	3,304	3,758	4,281
5,700	5,941	6,206	5,954	5,885	6,334	7,055	7,751	8,829
3,942	3,270	2,971	2,717	2,562	2,806	3,090	3,248	3,471
17,787	18,568	18,879	17,090	15,702	16,223	17,839	19,188	22,227
34,385	32,971	33,690	24,390	20,037	21,511	26,645	28,002	30,349
2,860	2,803	2,569	2,269	2,074	2,273	2,545	2,815	3,456
2,437	2,524	2,533	2,225	2,231	2,464	2,843	3,503	4,183
1	–	–	–	–	–	–	–	–
359	462	538	347	284	289	282	317	342
210	105	185	147	–	200	–	–	–
312	297	270	155	160	–	246	288	297
805	476	349	206	616	–	–	–	–
927	939	1,067	796	710	747	897	887	1,058
24	25	29	21	17	–	–	–	–
2	2	1	–	–	–	–	3	–
2,847	2,993	2,853	2,479	2,098	2,139	2,354	2,771	3,052

Table 14.5 – ELECTRIC ENERGY CONSUMPTION BY SECTOR: 1973 to 1989
(In gigawatt hours)

Year	Consumption						
	Total	Residential	Commercial	Industrial	Others	Utilities Own Use	Power Losses
1973	10,910	2,378	2,899	4,743	44	400	446
1974	11,108	1,641	2,000	5,816	302	492	857
1975	12,221	1,517	1,849	7,019	95	667	1,074
1976	13,252	1,593	1,998	8,005	103	555	998
1977	13,833	1,776	2,235	7,795	126	746	1,155
1978	15,587	2,644	2,607	6,918	431	930	2,057
1979	17,804	2,462	2,676	9,608	276	586	2,196
1980	17,883	2,937	2,930	8,210	892	1,012	1,902
1981	18,583	3,424	3,157	7,597	1,098	1,157	2,150
1982	19,406	3,589	3,205	7,769	1,034	1,333	2,476
1983	21,454	3,991	3,487	8,724	939	1,509	2,804
1984	21,480	4,498	3,209	8,554	1,131	955	3,133
1985	22,766	4,482	3,231	9,008	1,356	943	3,746
1986	21,797	3,536	2,927	5,843	900	4,993	3,598
1987	22,642	4,702	3,561	7,750	1,221	1,070	4,338
1988	24,574	5,089	3,964	8,723	1,343	1,077	4,387
1989	25,931	5,382	4,346	9,187	1,474	118	4,395

Sources: Office of Energy Affairs.

Table 14.6 INSTALLED GENERATING CAPACITIES OF POWER UTILITIES BY PLANT TYPE: 1987 – 1989
(In Megawatts, MW)

	1987	1988	1989[1]
HYDRO	2,139	2,139	2,139
NPC	2,124	2,124	2,126
NEA Coop.	11	11	9
Private Utilities	4	4	4
COAL	535	535	535
NPC	405	405	405
Private Utilities	10	10	10
Self-gen. Industries	120	120	120
GEOTHERMAL	894	885	894
OIL/DIESEL	2,970	2,933	3,077
NPC	2,365	2,384	2,394
Meralco	180	180	160
NEA Coop.	120	84	38
Private Utilities	117	97	297
Self-gen. Industries	188	188	188
NONCONVENTIONAL	184	184	184
NEA Coop.	17	17	17
Self-gen. Industries	167	167	167
TOTAL PHILIPPINES	6,544	6,495	7,038
NPC	5,788	5,798	4,925
Meralco			
Private Utilities	131	110	311
Cooperatives	150	112	64
Self-generating Industries	475	475	475
TOTAL	6,544	6,495	5,775

1 As of August 1989.

Source: Office of Energy Afffairs.

Table 14.7 POWER GENERATION BY UTILITY: 1981 to 1989
(In gigawatt hours)

Year	Total	National Power Corporation	Manila Electric Company	National Electrification Administration	Private Utilities	Self-Generating Industries
1981	18,583	15,988	–	222	368	2,005
1982	19,406	17,307	–	92	324	1,683
1983	21,454	18,693	–	–	2,761	–
1984	21,180	18,731	–	42	1,677	730
1985	22,767	18,717	–	–	4,050	–
1986	21,797	19,271	–	–	2,526	–
1987	22,642	20,958	274	85	521	804
1988	24,574	22,903	261	108	457	845
1989	25,931	24,162	359	55	473	882

Source: Office of Energy Affairs.

Table 14.8 – DULY ORGANIZED WATER DISTRICTS FILED AND ISSUED CONDITIONAL CERTIFICATE OF CONFORMANCE PER REGION: 1978 to 1990

Region	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Philippines	21	37	36	36	51	22	1	2	17	52	61	49	15
Region 1	3	7	5	5	3	1	0	1	1	6	4	1	1
Region 2	2	2	0	0	8	1	0	0	0	7	6	8	
Region 3	4	1	7	3	7	3	0	0	7	16	10	9	2
Region 4	4	9	8	6	2	2	0	0	1	2	9	5	1
Region 5	1	6	6	6	2	0	0	0	1	3	6	1	2
Region 6	3	6	3	2	5	6	0	0	6	9	14	7	2
Region 7	0	2	2	2	3	2	1	0	0	0	0	2	1
Region 8	0	1	3	1	6	2	0	0	0	5	2	4	1
Region 9	1	1	0	1	4	1	0	1	1	1	0	2	
Region 10	2	0	1	1	3	3	0	0	0	1	1	5	1
Region 11	1	2	1	7	5	0	0	0	0	2	4	4	3
Region 12	0	0	0	2	3	1	0	0	0	0	5	1	1

1 As of April 1990.

Source: Local Water Utilities Administration.

Table 14.9 – ANNUAL REPORT OF IRRIGATED

(Area in

Year	Service Area	Irrigated Area		
		Wet	Dry	3rd Crop
1970	395,893	291,780	110,166	183
1971	398,701	300,088	132,216	0
1972	404,392	293,676	140,134	0
1973	412,240	296,611	136,599	0
1974	354,975	325,076	163,907	0
1975	389,276	325,055	175,189	0
1976	447,369	366,198	230,519	1,846
1977	413,597	332,980	181,166	932
1978	463,708	360,373	267,968	3,477
1979	475,174	364,628	274,838	3,403
1980	472,182	369,770	281,929	6,964
1981	491,729	367,962	294,925	1,415
1982	514,334	387,618	317,239	500
1983	549,930	357,246	287,551	681
1984	548,345	412,304	282,812	3,519
1985	567,568	427,492	343,361	2,667
1986	595,902	435,751	375,947	3,581
1987	597,953	430,068	370,838	...
1988	614,164	445,287	342,786	...
1989	614,970	461,613	386,523	...

Source: National Irrigation Administration.

AND BENEFITTED AREAS OF NATIONAL SYSTEMS: 1970 to 1989
hectares)

Benefitted Area			Average Yield		
Wet	Dry	3rd Crop	Wet	Dry	3rd Crop
284,312	105,752	183	44	47	0
289,590	127,032	0	43	44	0
269,964	135,917	0	40	43	0
277,609	132,550	0	42	48	0
318,270	159,379	0	43	43	0
314,907	173,682	0	44	51	0
347,856	224,663	1,810	55	54	8
319,540	176,364	918	26	32	1
344,675	263,769	3,158	61	74	66
352,554	270,989	3,101	70	79	79
353,736	276,906	6,924	68	75	67
356,852	282,506	1,389	73	77	72
376,550	310,247	474	77	80	79
342,400	274,437	679	75	78	70
383,937	263,520	3,235	71	76	66
398,978	329,952	2,615	71	80	81
419,767	366,327	3,568	75	77	75
407,504	352,653	...	72	80	...
368,274	322,687	...	79	79	...
347,320	361,651	...	...	...	...

Table 14.10 GENERATED AREA OF NATIONAL, COMMUNAL AND PUMP/PRIVATE IRRIGATION SYSTEMS/PROJECTS: 1964 to 1989
(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
1989	657,326	731,801	152,128	1,541,255

Source: National Irrigation Administration.

Table 14.11 – IRRIGATION DEVELOPMENT BY REGION: 1989
(Area in hectares)

Region	Potential Area	National		Communal		Pump		Total
		No. of Systems/ Projects	Area	No. of Systems/ Projects	Area	No. of Systems/ Projects	Area	
Philippines	3,322,434	137	657,326	6,900	731,801	17,031	152,128	1,541,255
Region 1	461,123	18	48,674	3,019	132,341	1,224	11,820	192,835
2	549,565	20	156,482	806	91,016	3,432	16,914	264,412
3	480,948	11	174,081	403	84,677	3,974	52,556	311,314
4	290,941	24	61,172	670	62,250	2,708	18,479	141,901
5	222,321	14	24,625	641	52,750	1,302	8,387	85,762
6	193,337	10	53,783	197	40,865	1,741	20,254	114,902
7	62,873	1	608	136	23,884	335	2,729	27,221
8	126,067	13	13,776	387	39,718	293	3,803	57,297
9	78,453	4	13,387	78	22,438	261	1,611	37,436
10	246,148	5	26,398	236	50,965	282	4,015	81,378
11	257,272	11	53,536	152	61,581	825	6,155	121,272
12	353,386	6	30,804	175	69,316	654	5,405	105,525

Source: National Irrigation Administration.

15 PUBLIC FINANCE

This chapter presents statistics on public finance as it concerns three principal areas of policy, namely: revenue, expenditure, and public debt. The Central Bank of the Philippines (CBP), the Department of Budget and Management (DBM), the Department of Finance (DOF) and the Commission on Audit (COA) are primarily responsible for the compilation and tabulation of statistical series on public finance.

Data published are as follows: Cash budget or revenues and expenditures of the national government on current operating, capital outlays and net lending. This also includes deficit and how this is financed from foreign and domestic sources; Income of other government agencies accruing to the general fund; Expenditures of the national government by functional and sectoral classification and by object class based on financial reports/accountability reports/trial balances submitted to COA and DBM; Local government revenues by type, level of government and from all sources of income and expenditures for personal services, maintenance and other operating expenses and capital outlay are based on financial reports/trial balances submitted to the COA; Financial status of public investment, programmed and actual expenditures, are presented by region and sector in pesos and in dollars for the counterpart fund; Internal debt outstanding are classified by level of government and period of maturity, and; Holders of government securities are categorized as Central Bank, commercial banks, trust funds, semi-government entities, private sector and foreign holders.

Table 15.1	National Government Cash Budget: 1980 to 1990	15-4
Table 15.2	National Government Revenues, by Type: 1978 to 1989	15-6
Table 15.3	National Government Expenditure Program by Sector, Obligation Basis: 1978 to 1990	15-8
Table 15.4	National Government Expenditures by Economic Classification, 1978 to 1990	15-10
Table 15.5	Local Government Revenues by Type: 1965 to 1988	15-12
Table 15.6	Comparative Schedule of Income and Expenditures for Local Government Units, All Funds: 1980 to 1988	15-13
Table 15.7	Financial Status of Public Investment Program, by Region: CY 1989	15-14
Table 15.8	Financial Status of Public Investment Program, by Sector: 1989	15-16
Table 15.9	Internal Debt Outstanding Classified by Level of Government: 1950 to 1989	15-17
Table 15.10	Internal Debt Outstanding Classified by Period of Maturity: 1950 to 1989	15-18
Table 15.11	Holders of Outstanding Government Domestic Securities: 1977 to 1989	15-19
Figure 15.1	National Government Revenues, 1980 to 1989	15-3

Figure 15.1 National Government Revenues, 1980 to 1989

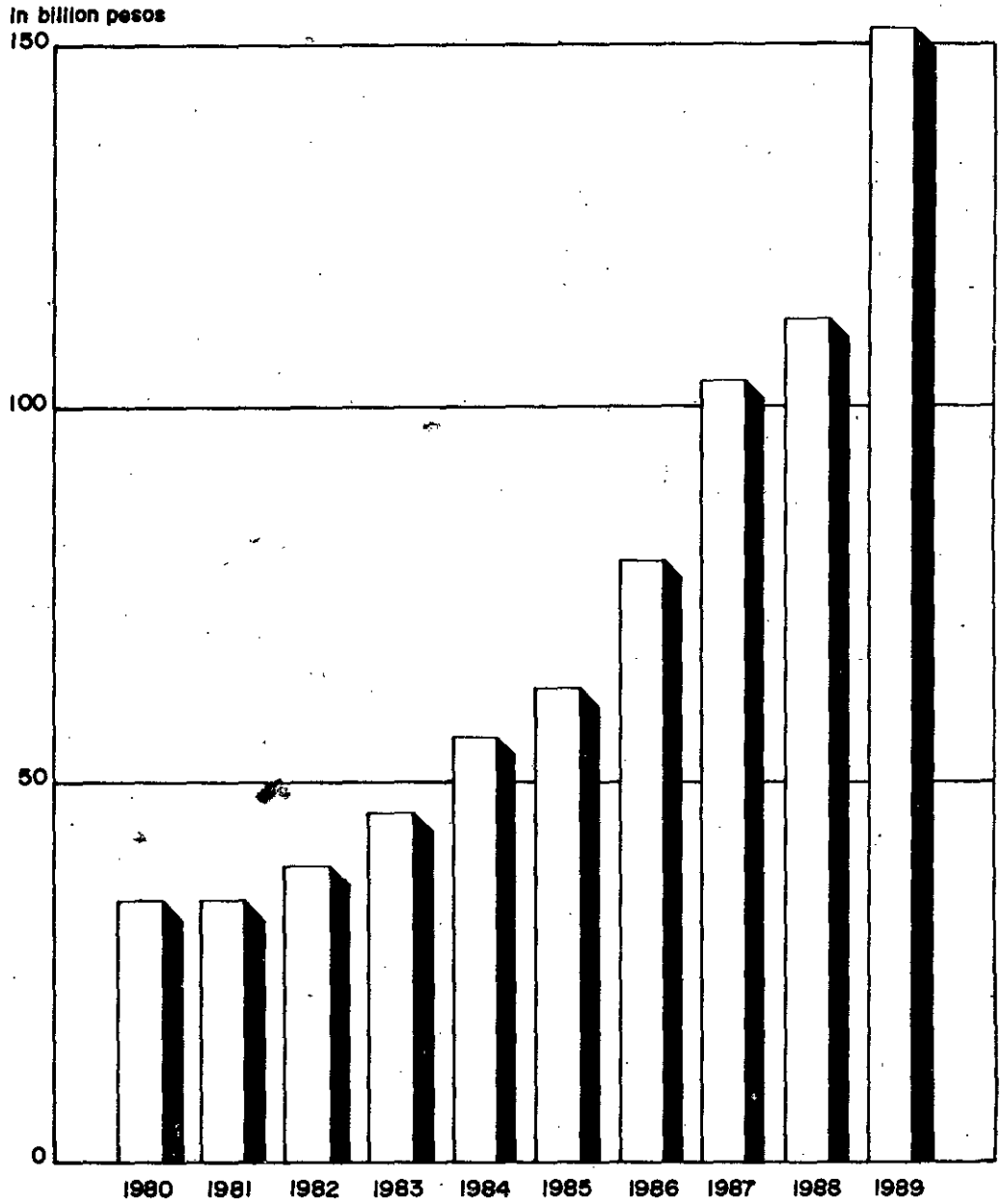


Table 15.1 NATIONAL GOVERNMENT
(In million

Item	1980	1981	1982	1983	1984
Revenues	34,870	40,530	38,267	46,642	57,150
Tax	31,270	36,019	33,841	39,816	50,007
Non-tax	3,600	4,511	4,426	6,826	7,143
Expenditures	37,683	46,510	50,392	50,668	57,090
Current operating	25,840	28,890	31,746	34,522	43,555
Capital outlays	11,843	17,610	18,646	16,146	13,535
Net Budgetary Surplus/Deficit	(2,268)	(5,970)	(12,133)	(8,381)	(9,995)
Budgetary Transactions	(2,813)	(5,970)	(12,125)	(4,026)	60
Net lending	(676)	–	(2,218)	(2,394)	(10,055)
Others	1,221	–	2,210	(1,961)	–
Financing	3,496	5,970	10,152	11,019	18,080
Domestic (net)	1,349	1,577	–	–	–
External (net)	2,147	4,393	–	–	–
Change in cash	1,228	–	(1,981)	2,638	8,085

Source: Department of Budget and Management.

CASH BUDGET: 1980 to 1990
pesos)

1985	1986	1987	1988	1989	1990
68,961	79,245	103,214	112,861	149,865	179,539
61,190	65,491	85,923	90,352	116,169	145,011
7,771	13,754	17,291	22,509	33,696	34,528
67,613	92,990	115,073	137,045	178,441	202,591
55,275	70,950	94,812	118,807	142,143	154,745
12,338	22,040	20,261	18,238	36,298	47,846
(11,187)	(28,811)	(19,459)	(24,184)	(28,576)	(23,052)
1,348	(13,745)	(11,859)	(19,277)	(25,849)	(22,581)
(12,535)	(15,066)	(7,600)	(4,907)	(2,727)	(471)
–	–	–	–	–	
12,958	21,612	41,118	64,629	52,161	45,294
13,298	15,022	34,337	47,339	34,402	24,016
(340)	6,590	6,781	17,290	17,759	21,278
1,771	(7,199)	21,659	40,445	23,585	22,242

Table 15.2 – NATIONAL GOVERNMENT

(In million

ITEM	1978	1979	1980	1981	1982
Total Revenues	24,103	29,470	34,077	34,600	38,306
1. Tax revenue	20,445	25,525	28,833	30,062	33,900
a. Taxes on net income and profits	5,111	6,805	8,761	9,710	8,406
b. Taxes on property	532	201	196	217	262
Real property taxes	96	120	121	171	156
Transfers taxes	436	81	75	46	106
c. Taxes on goods and services	6,466	8,739	9,332	9,851	12,243
General sales, turnover or value added taxes	1,629	2,310	2,602	2,283	2,201
Selective taxes on goods	4,106	5,473	5,626	6,215	6,611
Selective taxes on services	101	31	30	9	2,107
Taxes on use of goods or permissions to perform activities and others	630	925	1,074	1,344	1,324
d. Taxes on international trade and transactions	7,816	9,266	9,904	9,771	12,253
Import duties & taxes	7,378	8,529	9,438	9,425	11,809
Export taxes	438	737	425	305	287
Others	0	0	41	41	157
e. Other taxes	520	514	640	513	736
Stamps taxes	274	349	340	188	678
Residence tax	5	5	1	0	0
Others	241	160	299	325	58
2. Non-tax revenue	3,658	3,945	5,244	4,538	4,406
a. Non-tax revenue proper	3,322	3,717	5,020	4,278	4,117
b. Capital revenue	125	4	2	3	3
c. Grants	211	224	222	257	286

Source: Bureau of the Treasury.

REVENUES, BY TYPE: 1978 to 1989
pesos)

1983	1984	1985	1986	1987	1988	1989
46,641	56,861	67,958	79,245	103,214	112,861	152,410
39,848	50,118	60,253	65,491	85,923	90,352	122,462
9,056	12,139	18,655	19,148	21,799	27,409	37,592
301	271	173	205	239	384	659
199	162	106	123	177	306	537
102	109	67	82	62	78	122
13,106	18,793	22,677	26,659	35,893	33,207	42,040
1,942	2,995	3,018	3,712	5,931	7,495	10,156
7,394	11,432	14,024	16,383	22,641	19,597	24,857
2,201	2,384	3,566	4,553	4,727	3,571	4,596
1,569	1,982	2,069	2,011	2,594	2,544	2,431
16,522	17,756	17,444	17,851	26,274	25,580	38,912
16,225	15,448	15,785	16,859	25,977	25,011	38,375
263	1,737	997	637	15	3	0
34	571	662	355	282	566	537
863	1,159	1,304	1,628	1,718	3,772	3,259
781	950	1,176	1,451	1,472	2,534	3,033
0	0	0	0	0	0	0
82	209	128	177	246	1,238	226
6,793	6,743	7,705	13,754	17,291	22,509	29,948
6,474	6,428	7,322	13,219	15,568	20,723	28,247
3	4	3	4	5	11	0
316	311	380	531	1,718	1,775	1,701

Table 15.3 – NATIONAL GOVERNMENT EXPENDITURE

(In million

PARTICULARS	1978	1979	1980	1981	1982
Total expenditures	28,066	34,154	38,079	49,083	51,142
Economic services	11,841	14,132	15,447	21,436	18,469
Agriculture, Agrarian Reform, and Natural Resources	3,343	1,992	2,326	3,347	4,042
Trade and Industry	307	393	960	2,391	1,719
Tourism	110	179	135	189	230
Power and Energy	2,197	2,945	2,571	3,110	1,798
Water Resource Development and Flood Control	549	863	1,387	1,684	1,755
Communication, Roads, and Other Transportation	4,469	6,994	6,853	7,910	7,267
Other economic services	866	766	1,215	2,805	1,658
Social services	5,385	6,563	8,040	10,311	10,888
Education, Culture and Manpower	3,681	4,039	4,878	6,275	6,731
Health	956	1,239	1,421	1,843	2,143
Social security and labor welfar	463	488	563	746	646
Land distribution (CARP)	0	0	0	0	0
Housing and community development	257	768	901	1,254	1,337
Other social services	28	29	277	193	31
Defense	5,085	5,600	5,764	6,693	7,116
Domestic security	3,737	4,277	4,153	4,861	5,179
Peace and order	1,348	1,323	1,611	1,832	1,937
General Public Services	3,484	4,175	4,570	5,817	7,559
General administration	1,815	2,365	2,408	3,142	4,311
Public order and safety	297	369	417	545	554
Other general public services	1,372	1,441	1,745	2,130	2,694
Net Lending	238	853	675	929	2,218
Debt Service	2,033	2,831	3,583	3,897	4,892
Interest payments	1,136	1,841	2,296	2,429	3,560
Debt amortization	897	990	1,287	1,468	1,332

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 1990
pesos)

1983	1984	1985	1986	1987	1988	1989	1990
55,811	68,625	87,390	114,505	154,975	167,409	227,421	233,508
17,944	21,049	20,241	28,114	25,039	26,092	45,963	49,933
3,736	3,594	4,733	5,149	7,477	8,429	16,353	18,182
1,315	725	972	603	1,001	891	1,234	1,469
154	113	152	136	156	256	298	264
1,144	897	1,345	1,368	1,778	211	936	2,577
956	688	1,468	1,594	1,395	1,413	3,026	4,091
8,141	7,392	9,081	9,051	9,184	12,945	19,010	19,493
2,498	7,640	2,490	10,213	4,048	1,948	5,107	3,857
11,589	12,133	15,274	21,015	27,493	31,061	42,149	52,591
6,609	7,993	10,722	14,838	17,040	22,022	29,559	33,814
2,492	2,295	3,113	3,570	4,089	5,564	7,338	8,205
628	638	741	826	1,005	1,147	1,577	1,753
0	0	0	220	369	0	899	2,636
1,829	1,177	671	1,550	443	595	298	746
31	30	27	11	4,547	1,733	2,478	5,437
7,897	7,799	10,067	11,587	12,549	18,298	20,431	22,580
5,575	5,391	7,132	7,611	8,437	12,356	13,089	14,258
2,322	2,408	2,935	3,976	4,112	5,942	7,342	8,322
7,540	8,224	10,522	10,662	12,559	15,730	18,438	22,055
3,751	3,913	5,260	5,548	6,265	7,800	11,210	11,559
697	877	1,122	1,302	1,568	1,956	2,845	3,206
3,092	3,434	4,140	3,812	4,726	5,974	4,383	7,290
2,393	4,423	12,535	15,066	7,641	4,907	2,727	(471)
8,448	14,997	18,751	28,061	69,694	71,321	97,713	86,819
4,997	10,409	14,652	21,612	36,905	45,864	51,459	55,431
3,451	4,588	4,099	6,449	32,789	25,457	46,254	31,388

Table 15.4 – NATIONAL GOVERNMENT EXPENDITURES

(In thousand

Type of expenditure	1978	1979	1980	1981	1982
National Government expenditures	34,421.9	41,738.9	41,424.0	49,481.0	55,854.0
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	13,617.0
2. Maintenance & other operating expenses	10,454.5	10,155.0	8,823.0	9,000.0	10,954.0
a. Travelling expenses			655.0	598.0	727.0
b. Communication services			–	–	76.0
c. Repairs & maintenance of government facilities			1,106.0	1,142.0	1,502.0
d. Transportation services			–	–	148.0
e. Other services			3,493.0	2,628.0	3,554.0
f. Supplies and materials			1,852.0	2,289.0	2,685.0
g. Rent expense			–	–	189.0
h. Maintenance of motor vehicles used for official travel of officials & employees			581.0	600.0	604.0
i. Water, illumination & power service			–	–	305.0
j. Discretionary expenses, representation and emergency expenses			–	–	197.0
k. Others			1,136.0	1,743.0	967.0
3. Debt Service	1,617.1	1,994.2	6,169.0	6,266.0	8,591.0
a. Interest payments	1,308.2	1,651.7	2,293.0	2,369.0	3,560.0
b. Loan repayment & sinking fund contribution	308.9	342.5	3,876.0	3,897.0	5,031.0
4. Transfer payments	7,655.4	9,101.0	2,698.0	3,196.0	2,913.0
a. Grants, subsidies & contributions	–	–	2,698.0	3,196.0	2,685.0
b. Awards and indemnities	–	–	–	–	228.0
c. SSS benefits & other claims (retirement benefits & gratuities)	–	–	–	–	–
5. Capital Outlay	7,253.5	12,195.0	14,009.0	19,058.0	19,779.0
a. Land & land improvement; building & structure outlay	3,613.7	8,036.5	7,202.0	7,122.0	6,772.0
b. Furniture & equipment outlay	–	352.1	392.0	371.0	820.0
c. Investment outlay	3,441.5	3,321.0	6,108.0	10,890.0	8,820.0
d. Loans outlay	198.3	485.4	307.0	675.0	3,367.0

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 1990
pesos)

1983	1984	1985	1986	1987	1988	1989	1990
61,798.0	92,107.0	92,511.0	115,102.0	115,072.3	118,807.2	142,142.7	154,744.6
14,468.0	18,304.0	22,530.0	26,733.0	31,537.4	43,595.9	54,268.7	60,648.8
10,235.0	11,318.0	12,665.0	13,443.0	63,274.1	19,100.8	25,245.0	25,572.3
889.0	921.0	675.0	717.0	935.9	1,166.8	1,703.3	1,801.3
88.0	118.0	161.0	159.0	177.3	254.6	337.7	392.9
1,329.0	1,645.0	1,556.0	2,322.0	2,345.5	3,505.8	2,740.2	2,269.0
151.0	179.0	242.0	228.0	200.3	338.3	344.6	363.9
3,284.0	3,242.0	4,147.0	3,974.0	8,416.8	5,364.0	8,220.5	7,665.8
2,832.0	3,044.0	3,687.0	3,745.0	4,597.1	5,462.0	8,129.1	8,844.6
247.0	294.0	302.0	313.0	275.4	447.5	571.1	617.6
751.0	807.0	866.0	784.0	963.7	1,070.7	1,489.5	1,722.6
310.0	512.0	600.0	751.0	724.4	909.3	1,332.0	1,452.1
205.0	418.0	267.0	197.0	343.0	352.0	187.7	203.6
149.0	138.0	162.0	253.0	92.8	229.8	189.3	238.9
11,251.0	38,360.0	22,264.0	40,562.0	37,434.3	45,869.2	51,459.2	55,462.1
4,928.0	10,383.0	14,901.0	21,442.0	37,434.2	45,864.5	51,459.2	55,431.2
6,323.0	27,977.0	7,363.0	19,120.0	0.1	4.7	0.0	30.9
4,219.0	4,316.0	5,558.0	7,919.0	6,767.4	10,241.3	11,169.8	13,061.4
3,941.0	3,989.0	5,207.0	6,922.0	5,934.9	8,368.8	9,935.3	11,706.3
278.0	-	-	-	19.2	15.2	10.8	9.1
-	327.0	351.0	997.0	813.3	1,857.3	1,223.7	1,346.0
21,625.0	19,809.0	29,494.0	26,445.0	20,260.7	18,237.8	36,297.5	47,845.9
8,530.0	5,358.0	8,184.0	8,312.0	11,285.1	11,832.8	24,276.1	25,971.6
833.0	648.0	1,169.0	879.0	1,225.7	2,810.6	3,140.3	4,295.9
6,377.0	9,889.0	14,403.0	12,128.0	4,724.1	2,374.2	5,665.8	16,273.1
5,885.0	3,913.0	5,738.0	5,126.0	3,025.8	1,220.2	3,215.3	1,305.3

Table 15.5 – LOCAL GOVERNMENT REVENUES BY TYPE: 1965 to 1988
(Provinces, Chartered Cities and Municipalities)
(In million pesos)

Year	Total income	Revenue from taxation	Incidental revenue	Receipts from operations	Other receipts
1965	570.4	385.5	44.1	55.5	85.3
1966	640.3	400.9	46.6	63.9	129.8
1967	682.4	453.5	50.7	68.6	109.6
1968	750.4	496.4	53.8	73.5	126.7
1969	853.5	577.4	57.4	77.8	140.9
1970	1,005.6	692.3	63.9	81.1	168.3
1971	1,094.4	793.6	68.9	88.5	143.4
1972	1,383.7	995.3	75.3	95.0	218.1
1973	1,596.8	1,145.4	101.2	118.9	231.3
1974	1,845.5	1,262.0	121.3	129.6	332.6
1975	2,344.1	1,454.1	152.9	158.2	578.9
1976	1,812.8	1,164.3	120.8	111.8	415.9
1977	2,624.9	1,896.7	298.5	280.6	149.1
1978	2,847.4	2,011.9	4.6	606.0	144.9
1979	3,686.5	2,682.0	339.4	586.8	78.3
1980	4,573.4	3,280.6	374.7	638.2	279.9
1981	5,101.9	3,804.6	431.4	752.2	113.7
1982	5,929.1	4,501.2	469.3	879.2	79.4
1983	6,699.8	5,040.4	463.8	1,052.4	143.2
1984	7,348.5	5,454.0	530.0	1,204.9	159.6
1985	8,510.3	6,198.5	763.1	1,430.7	118.0
1986	8,661.1	6,537.3	739.2	1,322.8	61.8
1987	8,923.5	6,777.4	641.5	1,460.8	43.8
1988	13,358.9	8,052.7	3,618.2	1,634.4	53.6

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.

Table 15.6 – COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES FOR LOCAL GOVERNMENT UNITS, ALL FUNDS: 1980 to 1988

(In million pesos)

Income/expenditures	1980	1981	1982	1983	1984	1985	1986	1987	1988
Income									
Tax Revenue	3,280.6	3,804.6	4,501.2	5,040.4	5,454.0	6,198.5	6,537.3	6,777.4	8,052.7
Operating & miscellaneous revenues	638.2	752.2	879.2	1,052.4	1,204.9	1,430.7	1,322.8	1,460.3	1,634.4
Capital Revenue	6.7	7.2	9.8	11.9	5.1	15.3	5.0	8.6	14.3
Grants	368.0	424.2	459.5	451.9	524.9	747.8	734.2	632.9	3,603.9
Extraordinary income	7.3	9.6	11.7	16.1	10.7	38.8	12.1	30.4	20.2
Borrowings	272.6	104.1	67.7	127.1	148.9	79.2	49.7	13.4	33.4
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	13,358.9
Expenditures									
Personal Services	1,664.9	2,001.4	2,358.0	2,600.0	3,100.6	3,732.3	4,355.5	4,819.6	5,208.1
Maintenance and other operating 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	4,721.3
Capital outlay	953.8	875.4	961.1	1,188.6	1,203.6	1,206.6	878.8	1,113.0	1,315.2
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	11,244.6

Source: Annual Financial Report on Local Government, Commission on Audit.

Table 15.7 – FINANCIAL STATUS OF
BY REGION
(Figures in

Region		Releases	Expenditures
CAR	TP	588.046	421.392
	$	5.861	1.685
	P	401.196	384.924
Region I	TP	529.490	378.925
	$	11.786	10.131
	P	274.406	159.660
Region II	TP	508.004	185.518
	$	12.476	6.219
	P	237.986	50.910
Region III	TP	1,269.213	803.163
	$	22.487	10.429
	P	782.527	577.448
Region IV	TP	1,572.066	826.301
	$	47.108	21.979
	P	552.508	350.610
Region V	TP	1,238.212	495.455
	$	37.804	11.163
	P	420.020	253.854
Region VI	TP	54,984.000	15.084
	$	0.712	0.349
	P	39.574	7.531
Region VII	TP	661.124	354.389
	$	13.240	2.077
	P	374.571	309.571
Region VIII	TP	505.288	238.472
	$	6.887	3.364
	P	356.233	165.665

Source: National Economic and Development Authority

PUBLIC INVESTMENT PROGRAM
CY 1989
million)

Region		Releases	Expenditures
Region IX	TP	68.811	38.851
	$	1.050	0.000
	P	17.580	38.851
Region X	TP	700.937	499.257
	$	3.492	1.914
	P	625.360	457.832
Region XI	TP	616.667	423.969
	$	9.040	6.484
	P	421.014	283.636
Region XII	TP	328.604	182.865
	$	0.000	0.640
	P	328.604	169.013
N C R	TP	3,087.510	1,637.848
	$	88.005	37.548
	P	1,182.818	825.175
Inter-regional	TP	3,154.835	1,918.854
	$	118.869	77.816
	P	582.153	234.682
Nationwide	TP	26,983.710	18,370.235
	$	402.858	206.660
	P	18,264.654	13,897.493
T O T A L	TP	41,807.502	26,790.578
	$	781.925	398.459
	P	24,884.299	18,166.730

Table 15.8 – FINANCIAL STATUS OF PUBLIC INVESTMENT PROGRAM BY SECTOR, 1989
(Figures in million)

Sector		Releases	Expenditures
Agriculture	TP	1,478.103	732.130
	$	37.923	20.197
	P	657.335	295.006
Natural Resources	TP	1,554.500	1,135.274
	$	58.399	45.717
	P	290.570	145.821
Industry and Tourism	TP	995.853	763.923
	$	5.861	1.685
	P	869.003	727.455
Social	TP	1,642.480	979.094
	$	24.856	11.643
	P	1,104.522	727.105
Transportation	TP	13,095.503	6,876.251
	$	219.958	69.205
	P	8,334.952	5,378.447
Water Resources	TP	7,210.225	5,248.782
	$	113.468	62.875
	P	4,754.433	3,887.978
Social Infrastructure	TP	3,349.974	2,725.706
	$	36.042	26.695
	P	2,569.915	2,147.946
Energy, Power and Electrification	TP	11,440.958	8,073.710
	$	243.751	141.534
	P	6,165.485	5,010.490
Communications	TP	1,312.147	632.581
	$	41.916	18.908
	P	404.959	223.355
Other Projects	TP	1,704.668	1,017.399
	$	0.000	0.000
	P	1,704.668	1,017.399
Total	TP	43,784.439	28,238.850
	$	782.174	398.459
	P	26,855.842	19,615.002

Source: National Economic and Development Authority

Table 15.9 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY LEVEL OF GOVERNMENT: 1950 to 1989

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
1989					
1st qtr	224,053.0	211,926.0	116.0	7,999.6	4,011.4
2nd qtr	231,181.0	218,878.9	116.0	7,700.1	4,486.0
3rd qtr	231,492.6	219,161.5	116.0	7,590.3	4,624.8
4th qtr	237,249.6	225,211.8	116.0	5,879.0	6,042.8

Source: Central Bank of the Philippines.

Table 15.10 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF MATURITY: 1950 to 1989
(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
1989				
1st quarter	224,053.0	20,987.2	27,154.3	175,911.5
2nd quarter	231,181.0	21,372.0	31,450.7	178,358.3
3rd quarter	231,492.6	20,680.3	28,930.8	181,881.5
4th quarter	237,249.6	20,910.3	29,906.7	186,432.6

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 1989
(In million pesos)

End of Period	Total [1]	Central Bank	Commercial and other banks	Trust Funds	Semi-government entities	Private sector
1977	24,593.4	3,990.5	8,860.8	1,699.2	6,537.2	3,505.7
1978	27,819.7	3,532.6	11,730.3	2,118.7	5,886.6	4,551.5
1979	30,894.3	3,631.9	12,376.0	2,702.4	8,032.1	4,151.9
1980	34,000.2	4,657.7	12,969.5	4,326.6	6,990.5	5,055.9
1981	38,199.5	5,002.7	13,760.8	4,897.4	9,561.0	4,977.6
1982	46,713.6	7,809.7	16,232.0	5,279.9	10,917.7	6,474.3
1983	48,599.2	8,368.2	16,375.5	5,749.0	13,552.9	4,553.6
1984	69,590.3	11,336.6	20,867.1	6,522.5	11,892.8	18,971.3
1985	94,889.8	12,182.0	19,728.2	7,340.6	14,016.1	41,622.9
1986	123,711.1	11,070.1	26,116.5	7,809.8	15,062.4	63,652.3
1987	155,010.9	9,156.8	26,116.5	10,032.7	20,607.6	89,097.3
1988	197,296.4	7,313.1	35,091.4	11,532.0	25,894.7	117,465.2
1989						
Jan	202,958.3	7,822.9	33,689.1	11,091.5	25,617.4	124,737.4
Feb	206,012.6	7,295.4	35,239.8	11,846.0	25,160.6	126,470.8
Mar	214,123.3	7,372.0	42,883.0	11,507.1	26,380.8	125,980.4
Apr	223,842.5	7,256.4	45,563.9	11,179.3	27,593.8	132,249.1
May	225,307.2	7,234.0	44,688.0	11,052.3	27,356.1	134,976.8
Jun	221,413.0	10,875.1	47,210.4	10,996.3	24,644.3	127,686.9
Jul	216,757.1	10,322.7	42,969.9	10,855.1	24,634.4	127,975.0
Aug	217,555.3	10,208.8	42,649.3	10,911.4	26,096.5	127,689.3
Sep	221,613.6	9,949.5	44,325.4	11,244.5	26,075.7	130,018.5
Oct	225,527.9	9,785.5	46,813.9	11,401.2	25,416.8	132,110.5
Nov	222,514.6	9,458.0	46,703.5	11,428.7	25,925.7	128,998.7
Dec	227,199.6	10,519.9	56,660.2	10,056.9	27,099.4	122,863.2

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.

Table 16.1	Money Supply and Its Origin: 1970 to 1989	16-4
Table 16.2	Factors Affecting Money Supply: 1970 to 1989	16-5
Table 16.3	Domestic Liquidity, Composition of Money Supply and Quasi-Money Deposits: 1945 to 1989	16-6
Table 16.4	Gross Domestic Credits of Deposit Money Banks: 1970 to 1989	16-8
Table 16.5	Total Loans and Investments Outstanding by Institution: 1955 to 1989	16-10
Table 16.6	Total Investments in Securities by Institution: 1955 to 1989	16-11
Table 16.7	Total Agricultural Credits Granted by Development Banks, Classified by Products: 1965 to 1989	16-12
Table 16.8	Number of Deposit Accounts in Banks: 1975 to 1989	16-16
Table 16.9	Total Resources and Loans Granted by the Philippine National Bank: 1950 to 1988	16-19
Table 16.10	Total Deposit Liabilities of Banks: 1975 to 1989	16-20
Table 16.11	Loans Granted by Development Banks Classified by Industry: 1965 to 1989	16-24
Table 16.12	Total Assets and Total Liabilities, by Institution: 1955 to 1989	16-26
Table 16.13	Statement of Loans and Equities Approved and Total Resources of the Developmnent Bank of the Philippines: FY 1955-56 to CY 1989	16-28
Table 16.14	Financial Condition of the Government Service Insurance System: FY 1970-71 to CY 1989	16-30
Table 16.15	Trend of Investments of the Government Service Insurance System: FY 1955-56 to CY 1989	16-33
Table 16.16	Sources and Application of Funds of the Government Service Insurance System: FY 1970-71 to CY 1989	16-34
Table 16.17	Expenditures of the Social Security System by Source: 1960 to 1989	16-36

Table 16.18	Assets, Investments and Earnings of the Social Security System: 1960 to 1989	16-37
Table 16.19	Revenues of the Social Security System by Source: 1960 to 1989	16-38
Table 16.20	Revenues, Expenditures and Trust Fund Generated from the Operations of the Social Security System: 1970 to 1989	16-40
Table 16.21	Investments Portfolio of the Social Security System: 1965 to 1989	16-42

Figure 16.1	Money Supply and Its Origin: 1983 to 1989	16-7
Figure 16.2	Domestic Liquidity: 1980 to 1989	16-15

Table 16.1 – MONEY SUPPLY AND ITS ORIGIN: 1970 TO 1989
(In million pesos)

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,697.0	(795.0)	13,582.0	5,480.0	2,610.0
1971	5,179.0	(680.0)	14,593.0	6,321.0	2,413.0
1972	6,470.0	(734.0)	16,400.0	6,447.0	2,749.0
1973	7,268.0	2,390.0	18,386.0	12,727.0	781.0
1974	9,007.0	2,750.0	26,472.0	17,016.0	3,199.0
1975	10,314.0	(673.0)	35,487.0	20,431.0	4,069.0
1976	12,075.0	(714.0)	43,772.0	25,835.0	5,148.0
1977	14,939.0	(1,289.0)	51,452.0	31,216.0	4,008.0
1978	16,945.0	(4,533.0)	63,088.0	37,729.0	3,881.0
1979	18,844.0	(11,109.0)	79,771.0	41,660.0	8,158.0
1980	22,537.0	(17,303.0)	96,209.0	48,392.0	7,977.0
1981	23,523.0	(22,835.0)	117,678.0	61,692.0	9,628.0
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,571.0	(102,570.0)	201,959.0	84,538.0	(17,720.0)
1984	33,737.0	(138,183.0)	209,179.0	92,004.0	(54,745.0)
1985	35,893.0	(155,884.0)	198,090.0	100,665.0	(94,352.0)
1986	42,694.0	(144,947.0)	170,999.0	104,612.0	(121,254.0)
1987	52,416.0	(137,752.0)	155,444.0	112,619.0	(147,343.0)
1988	59,718.0	(122,833.0)	166,462.0	141,585.0	(157,674.0)
1989					
January	54,518.0	(124,344.0)	162,799.0	146,001.0	(162,064.0)
February	54,903.0	(126,155.0)	168,198.0	150,749.0	(163,609.0)
March	58,411.0	(121,737.0)	172,408.0	154,878.0	(162,618.0)
April	60,905.0	(126,228.0)	175,380.0	148,271.0	(160,024.0)
May	60,779.0	(126,378.0)	179,278.0	152,436.0	(160,315.0)
June	59,983.0	(127,555.0)	186,049.0	157,145.0	(158,634.0)
July	59,548.0	(136,274.0)	189,316.0	159,410.0	(165,916.0)
August	58,786.0	(132,600.0)	189,855.0	161,529.0	(163,060.0)
September	58,971.0	(131,750.0)	184,330.0	160,116.0	(166,507.0)
October	61,419.0	(127,333.0)	182,805.0	162,355.0	(168,302.0)
November	66,584.0	(124,582.0)	195,826.0	172,485.0	(167,825.0)
December	78,530.0	(114,525.0)	203,818.0	179,441.0	(168,678.0)

Source: Central Bank of the Philippines.

Table 16.2 – FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1989
(In million pesos)

End of Period	Money supply	Internal sector			External Sector
		Total	Public Sector	Private Sector	
1970	4,696.8	5,492.0	3,269.0	2,223.0	(795.2)
1971	5,178.9	5,859.0	2,947.0	2,912.0	(680.1)
1972	6,470.4	7,204.0	3,073.0	4,131.0	(733.6)
1973	7,268.2	4,878.0	1,741.0	3,137.0	2,390.2
1974	9,007.0	6,257.0	(106.0)	6,363.0	2,750.0
1975	10,314.0	10,987.0	7,061.0	3,926.0	(673.0)
1976	12,075.0	12,789.0	9,700.0	3,089.0	(714.0)
1977	14,939.0	16,228.0	11,310.0	4,918.0	(1,289.0)
1978	16,945.0	21,478.0	12,092.0	9,386.0	(4,533.0)
1979	18,844.0	29,953.0	12,193.0	17,760.0	(11,109.0)
1980	22,537.0	39,840.0	14,993.0	24,847.0	(17,303.0)
1981	23,523.0	46,358.0	19,497.0	26,861.0	(22,835.0)
1982	23,495.4	65,096.6	35,304.2	29,792.4	(41,601.2)
1983	32,571.0	135,141.0	88,826.0	46,315.0	(102,570.0)
1984	33,737.0	171,920.0	138,750.0	33,170.0	(138,183.0)
1985	35,893.0	191,777.0	152,930.0	38,847.0	(155,884.0)
1986	42,694.0	187,641.0	203,491.0	(15,850.0)	(144,947.0)
1987	52,416.0	190,168.0	212,098.0	(21,930.0)	(137,752.0)
1988	59,718.0	182,551.0	220,741.0	(38,190.0)	(122,833.0)
1989					
January	54,518.0	178,862.0	216,105.0	(37,243.0)	(124,344.0)
February	54,903.0	181,058.0	221,704.0	(40,646.0)	(126,155.0)
March	58,411.0	180,148.0	223,747.0	(43,599.0)	(121,737.0)
April	60,905.0	187,133.0	224,448.0	(37,315.0)	(126,228.0)
May	60,779.0	187,157.0	223,804.0	(36,647.0)	(126,378.0)
June	59,983.0	187,538.0	223,860.0	(36,322.0)	(127,555.0)
July	59,542.0	195,816.0	231,714.0	(35,898.0)	(136,274.0)
August	58,786.0	191,386.0	227,218.0	(35,832.0)	(132,600.0)
September	58,971.0	190,721.0	223,409.0	(32,688.0)	(131,750.0)
October	61,419.0	188,752.0	221,896.0	(33,144.0)	(127,333.0)
November	66,584.0	191,166.0	232,736.0	(41,570.0)	(124,582.0)
December	78,530.0	193,055.0	240,543.0	(47,488.0)	(114,525.0)

Source: Central Bank of the Philippines.

Table 16.3 – DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1945 TO 1989

(In million pesos)

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposits substitutes
		Total	Currency in circulation	Peso deposits subject to check	Total	Savings deposits	Time deposits	
1945	1,239.3	1,120.0	882.0	238.0	119.3	119.3	0.0	0.0
1950	1,497.3	1,225.1	675.0	550.1	272.2	237.6	34.6	0.0
1955	1,830.1	1,307.1	671.5	635.6	523.0	357.7	165.3	0.0
1960	2,827.8	1,867.3	952.9	914.4	960.5	719.1	241.4	0.0
1965	5,464.2	2,975.2	1,483.2	1,492.0	2,489.0	1,437.4	1,051.6	0.0
1970	9,387.6	4,696.6	2,410.0	2,286.6	4,691.0	4,691.0	0.0	0.0
1975	28,885.8	10,314.8	4,748.8	5,566.0	8,939.3	7,295.0	1,644.3	9,631.7
1976	35,897.4	12,074.9	5,651.8	6,423.1	12,949.8	9,207.1	3,742.7	10,872.7
1977	43,931.1	14,938.5	6,727.6	8,210.9	17,593.1	11,536.1	6,057.0	11,399.5
1978	51,837.2	16,945.5	8,135.0	8,810.5	23,397.8	15,010.7	8,387.1	11,493.9
1979	57,360.0	18,843.6	9,181.7	9,661.9	26,565.5	16,900.2	9,665.3	11,950.9
1980	67,803.2	22,537.5	10,174.6	12,362.9	32,894.3	19,529.9	13,364.4	12,371.4
1981	82,091.3	23,524.3	11,625.8	11,898.5	42,114.8	24,198.3	17,916.5	16,452.2
1982	95,268.8	23,495.4	12,680.2	10,815.2	55,207.8	28,919.3	26,288.5	16,565.6
1983	114,211.0	32,571.0	19,587.0	12,984.0	64,534.0	34,457.0	30,077.0	17,106.0
1984	122,432.0	33,737.0	21,764.0	11,973.0	77,419.0	38,530.0	38,889.0	11,276.0
1985	134,140.0	35,893.0	24,029.0	11,864.0	89,638.0	47,107.0	42,531.0	8,609.0
1986	144,325.0	42,694.0	29,264.0	13,430.0	96,780.0	62,620.0	34,160.0	4,851.0
1987	161,824.0	52,416.0	35,372.0	17,044.0	105,855.0	72,105.0	33,750.0	3,553.0
1988	198,409.0	59,718.0	40,638.0	19,080.0	136,203.0	92,253.0	43,950.0	2,488.0
1989								
January	197,731.0	54,518.0	35,383.0	19,135.0	140,195.0	95,005.0	45,190.0	3,018.0
February	202,529.0	54,903.0	35,259.0	19,644.0	144,909.0	98,117.0	46,792.0	2,717.0
March	210,275.0	58,411.0	37,177.0	21,234.0	149,468.0	101,202.0	48,266.0	2,396.0
April	206,163.0	60,905.0	39,092.0	21,813.0	142,850.0	94,806.0	48,044.0	2,408.0
May	209,726.0	60,779.0	37,894.0	22,885.0	146,596.0	97,611.0	48,985.0	2,351.0
June	213,715.0	59,983.0	37,485.0	22,498.0	150,668.0	100,261.0	50,407.0	3,064.0
July	215,530.0	59,542.0	36,637.0	22,905.0	152,889.0	102,431.0	50,458.0	3,099.0
August	216,816.0	58,786.0	36,631.0	22,155.0	155,193.0	102,728.0	52,465.0	2,837.0
September	215,398.0	58,971.0	38,259.0	20,712.0	153,607.0	100,920.0	52,687.0	2,820.0
October	220,408.0	61,419.0	38,407.0	23,012.0	155,837.0	101,153.0	54,684.0	3,152.0
November	235,389.0	66,584.0	41,388.0	25,196.0	165,496.0	111,009.0	54,487.0	3,309.0
December	253,921.0	78,530.0	52,823.0	25,707.0	172,561.0	118,377.0	54,184.0	2,830.0

Source: Central Bank of the Philippines.

Figure 16.1 Money Supply and Its Origin, 1989

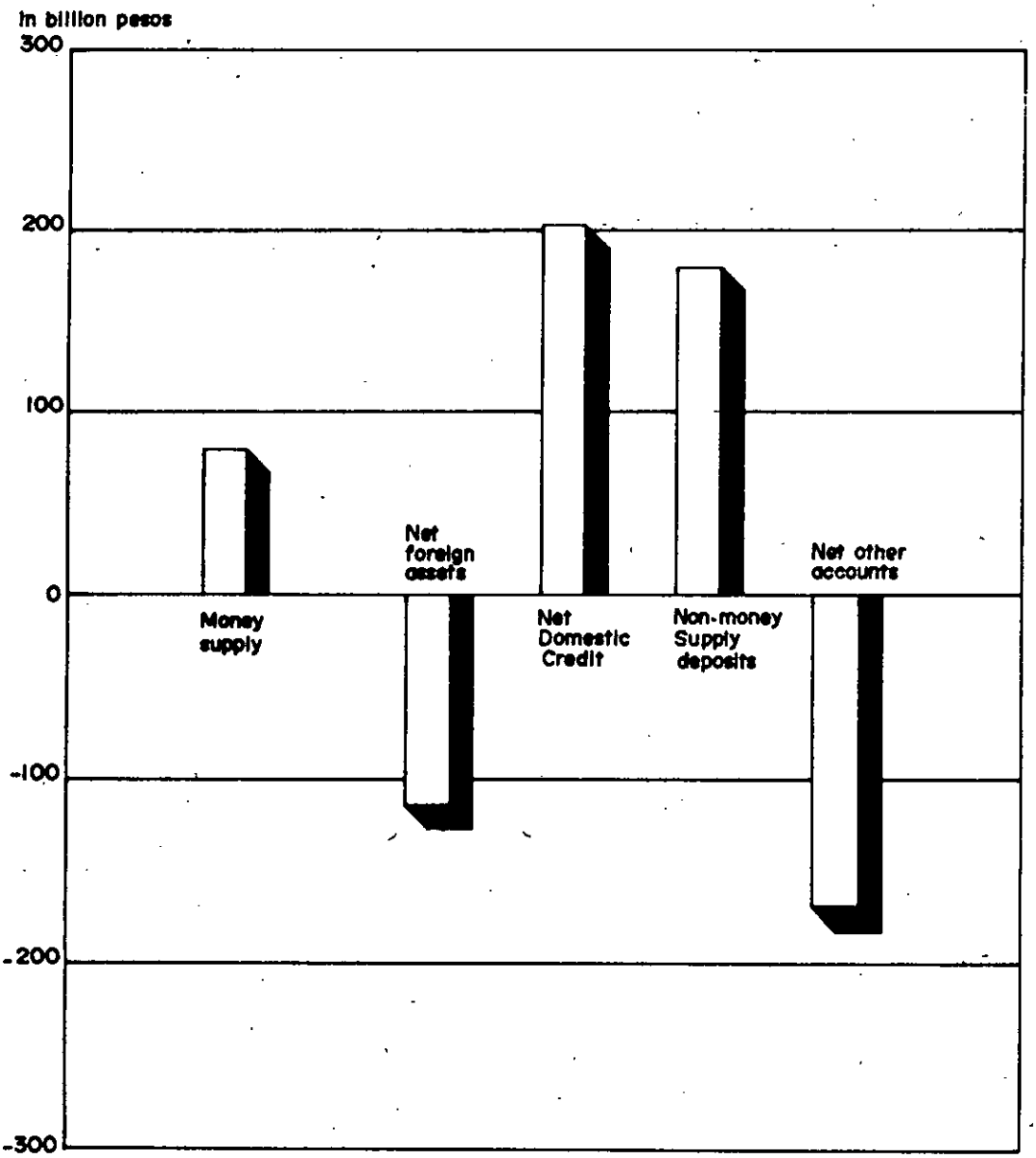


Table 16.4 – GROSS DOMESTIC CREDITS OF

(In million

End of Period	Grand Total	Domestic securities			
		Total	National Government	Local gov't & semi-gov't entities	Private businesses and individuals
1970	11,391.0	1,559.0	900.0	313.0	346.0
1971	12,574.9	1,564.7	974.2	306.7	283.8
1972	14,703.4	1,340.3	828.9	311.0	200.4
1973	20,590.7	2,175.8	1,530.7	367.4	277.7
1974	30,552.2	2,225.9	1,379.9	431.4	414.6
1975	37,745.9	2,438.8	1,251.8	740.0	447.0
1976	44,404.2	3,314.0	1,919.0	711.0	684.0
1977	52,533.3	4,241.0	2,563.0	571.0	1,107.0
1978	65,439.9	4,462.0	2,411.0	818.0	1,233.0
1979	82,292.8	5,441.8	3,192.4	923.4	1,326.0
1980	95,841.7	7,155.7	4,051.1	1,341.4	1,763.2
1981	112,898.0	9,379.0	5,439.1	1,282.0	2,657.9
1982	130,309.5	14,230.4	8,903.7	2,013.8	3,312.9
1983	171,482.0	18,115.0	11,191.0	2,814.0	4,110.0
1984	174,678.0	24,478.0	13,732.0	2,512.0	8,234.0
1985	161,261.0	21,431.0	11,976.0	2,353.0	7,102.0
1986	135,871.0	28,839.0	20,162.0	1,753.0	6,924.0
1987	150,793.0	30,468.0	22,495.0	936.0	7,037.0
1988	185,096.0	42,665.0	34,873.0	1,388.0	6,404.0
1989					
January	185,354.0	41,425.0	33,621.0	1,348.0	6,456.0
February	187,067.0	42,712.0	34,935.0	1,314.0	6,463.0
March	196,879.0	50,801.0	42,988.0	1,325.0	6,488.0
April	207,324.0	53,596.0	45,702.0	1,353.0	6,541.0
May	210,481.0	52,635.0	44,613.0	1,423.0	6,599.0
June	211,859.0	49,918.0	41,866.0	1,402.0	6,650.0
July	211,051.0	46,204.0	38,012.0	1,373.0	6,819.0
August	214,061.0	45,600.0	37,373.0	1,408.0	6,819.0
September	218,408.0	46,681.0	38,138.0	1,715.0	6,828.0
October	219,469.0	49,288.0	40,826.0	1,530.0	6,932.0
November	222,852.0	50,384.0	41,786.0	1,541.0	7,057.0
December	234,018.0	58,948.0	50,638.0	1,036.0	7,274.0

Source: Central Bank of the Philippines.

DEPOSIT MONEY BANKS: 1970 TO 1989
pesos)

Loans and advances				Credits to Central Bank
Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	
9,785.0	161.0	959.0	8,665.0	47.0
10,716.9	19.0	819.2	9,878.7	293.3
12,916.1	110.0	858.1	11,948.0	447.0
16,615.0	43.0	480.5	16,091.5	1,799.9
26,078.0	166.0	1,092.0	24,820.0	2,248.3
31,796.5	228.0	3,501.2	28,067.3	3,510.6
37,170.2	33.1	4,633.3	32,503.8	3,920.0
43,058.3	727.7	4,707.7	37,622.9	5,234.0
54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
69,741.0	1,557.0	5,354.0	62,830.0	7,110.0
82,516.0	1,271.0	5,869.0	75,376.0	6,170.0
97,571.0	715.0	5,698.0	91,158.0	5,948.0
111,774.6	824.1	7,304.3	103,646.2	4,304.5
149,901.0	2,346.0	13,494.0	134,061.0	3,466.0
144,735.0	2,318.0	18,287.0	124,130.0	5,465.0
132,173.0	2,618.0	18,561.0	110,994.0	7,657.0
101,780.0	1,021.0	15,870.0	84,889.0	5,252.0
119,942.0	1,468.0	12,912.0	105,562.0	383.0
141,812.0	3,546.0	12,199.0	126,067.0	619.0
143,335.0	3,744.0	11,376.0	128,215.0	594.0
143,761.0	4,107.0	10,988.0	128,666.0	594.0
145,499.0	3,672.0	11,699.0	130,128.0	579.0
152,915.0	3,702.0	12,054.0	137,159.0	813.0
156,932.0	3,870.0	12,246.0	140,816.0	914.0
161,394.0	3,841.0	13,380.0	144,173.0	547.0
163,818.0	3,890.0	13,727.0	146,201.0	1,029.0
167,469.0	3,700.0	13,850.0	149,919.0	992.0
170,752.0	3,769.0	13,766.0	153,217.0	975.0
169,216.0	3,792.0	13,313.0	152,111.0	965.0
171,365.0	3,794.0	13,998.0	153,573.0	1,103.0
173,997.0	3,927.0	14,244.0	155,826.0	1,073.0

Table 16.5 – TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION: 1955 to 1989
(In million pesos)

Period	Total	Commercial banks	Rural banks	Private Development banks*	Savings banks 1
1955	1,753.6	1,217.8	6.6	508.9	20.3
1960	2,536.7	1,849.8	63.5	566.5	56.9
1965	7,212.4	5,547.7	234.6	1,288.9	141.2
1970	14,880.5	10,968.0	547.7	2,935.3	429.5
1975	49,717.6	38,788.8	2,416.4	7,331.6	1,180.8
1976	59,752.6	44,892.4	2,666.0	10,451.8	1,742.4
1977	72,077.3	53,726.8	2,897.7	13,082.6	2,370.2
1978	91,378.5	69,596.0	3,519.9	14,966.2	3,296.4
1979	113,958.6	86,936.6	4,286.9	18,505.7	4,229.4
1980	135,802.4	102,064.2	4,820.7	23,459.9	5,457.6
1981	162,652.9	117,789.8	5,658.9	33,929.6	5,274.6
1982	188,704.9	136,507.8	6,923.1	40,683.8	4,590.2
1983	236,238.0	171,558.5	7,974.0	51,013.9	5,691.6
1984	247,293.2	180,667.5	7,384.0	53,731.5	5,510.2
1985	215,453.3	162,171.6	7,072.5	41,412.7	4,796.5
1986	189,052.4	163,377.2	7,266.4	12,485.0	5,923.8
1987 2	143,914.0	113,472.7	7,693.7	14,611.8	8,135.8
1988	177,876.2	155,200.1	7,970.2	3,820.9	10,885.0
1989					
January	178,550.6	155,677.0	8,155.9	3,836.9	10,880.8
February	183,647.5	160,711.0	8,155.9	3,850.0	10,930.6
March	186,032.3	162,210.0	8,155.9	3,978.9	11,687.5
April	189,738.0	165,182.0	8,428.3	4,154.3	11,973.4
May	192,641.5	167,932.0	8,428.3	4,276.7	12,004.5
June	196,058.2	170,845.0	8,428.3	4,421.3	12,363.6
July	199,155.2	173,589.0	8,742.5	4,464.7	12,359.0
August	209,886.6	183,789.0	8,742.5	4,473.3	12,881.8
September	210,950.4	183,302.0	8,742.5	4,689.6	14,216.3
October	210,030.0	182,886.0	8,859.0	4,673.2	13,611.8
November	217,968.9	190,402.0	8,859.0	5,053.4	13,654.5
December	214,836.0	184,891.0	8,859.0	5,053.4	16,032.6

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.

* Private Development Bank excluding Land Bank of the Philippines.

Source: Central Bank of the Philippines.

Table 16.6 – TOTAL INVESTMENTS IN SECURITIES BY INSTITUTION: 1955 TO 1989
(In million pesos)

Period	Total	Commercial * banks	Rural banks	Development banks	Savings banks[1]
1955	282.2	226.9	0.1	52.7	2.5
1960	189.1	131.4	3.9	49.4	4.4
1965	816.5	625.1	10.0	161.6	19.8
1970	2,249.8	1,762.2	12.9	352.0	122.7
1975	8,034.7	6,178.9	68.6	1,506.1	281.1
1976	9,836.1	7,211.0	75.7	2,131.0	418.4
1977	12,679.0	9,466.0	76.8	2,720.9	415.3
1978	15,567.5	11,335.0	97.1	3,478.3	657.1
1979	17,970.7	12,554.0	114.8	4,637.0	664.9
1980	20,484.9	13,314.4	130.0	6,053.0	987.5
1981	25,353.3	15,386.4	170.7	8,976.9	819.3
1982	30,519.4	18,689.1	253.1	10,700.9	876.3
1983	34,616.7	21,443.5	326.0	11,919.8	927.4
1984	35,550.7	22,564.0	361.5	12,140.1	485.1
1985	44,289.9	32,278.0	436.2	10,409.5	1,166.2
1986	39,334.9	34,571.0	475.9	2,865.0	1,423.0
1987 [2]	39,412.6	32,141.0	466.7	5,570.4	1,234.5
1988	50,093.8	41,666.4	458.2	5,788.8	2,180.4
1989					
January	50,440.3	43,222.0	482.1	4,848.4	1,887.8
February	51,850.9	44,491.0	482.1	4,950.0	1,927.8
March	60,215.3	52,570.0	482.1	5,395.8	1,767.4
April	63,838.4	55,604.0	509.0	5,978.0	1,747.4
May	62,391.7	54,727.0	509.0	5,546.5	1,609.2
June	59,691.0	51,626.0	509.0	5,569.5	1,986.5
July	55,139.4	48,401.0	510.1	4,961.3	1,267.0
August	55,281.1	47,851.0	510.1	5,604.6	1,315.4
September	56,318.8	49,024.0	510.1	4,889.4	1,895.3
October	59,014.4	51,506.0	493.0	5,205.9	1,809.5
November	59,442.8	52,768.0	493.0	4,481.1	1,700.7
December	69,132.3	61,941.0	493.0	4,138.7	2,559.6

1 Beginning 1959, includes private development banks.

2 After transfer of selected assets and liabilities of one specialized government bank.

* New concept to include LBP and DMB account. Revision to include

Source: Central Bank of the Philippines.

Table 16.7 – TOTAL AGRICULTURAL CREDITS GRANTED BY

(In thousand

	Total	Palay or rice	Sugar	Corn	Coconut	Tobacco	Coffee and cocoa
1965	53,667	15,506	7,420	843	10,962	285	441
1970	60,436	19,814	9,395	1,180	12,764	460	155
1975	618,105	239,944	30,387	17,993	47,330	764	1,455
1976	676,549	277,741	33,589	23,013	47,668	539	2,024
1977	572,972	223,868	17,868	36,446	57,314	373	2,318
1978	520,513	133,370	12,062	52,140	62,782	203	5,873
1979	730,949	94,291	8,559	22,364	61,789	399	6,769
1980	696,557	96,747	9,964	14,846	61,681	341	21,545
1981	226,067	70,924	12,937	1,127	21,008	243	4,019
1982	819,300	200,849	27,000	9,491	69,063	1,053	11,520
1983	373,949	96,059	20,571	4,097	21,915	547	8,762
1984	330,169	41,605	22,779	53	6,304	97	2,785
1985	308,516	48,486	49,364	898	10,847	337	7,914
1986	760,187	184,843	98,574	3,589	23,775	173	8,209
1987	886,239	242,782	99,603	15,968	44,221	971	18,590
1988	1,390,043	295,162	148,156	3,935	12,149	137	22,243
1989	1,454,601	332,362	128,416	21,429	21,879	188	11,368
January	91,680	16,729	14,768	338	1,877	43	2,402
February	86,152	19,532	18,924	324	2,502	–	1,199
March	147,399	24,477	15,058	383	2,196	–	137
April	154,477	30,859	8,716	896	1,669	–	141
May	166,800	40,521	14,821	177	2,678	–	233
June	148,706	26,548	13,034	15,682	1,879	–	503
July	129,529	29,254	12,662	164	1,931	–	609
August	85,185	21,494	4,674	332	2,090	–	5,360
September	101,482	16,551	6,856	337	1,764	61	213
October	120,191	29,584	12,999	233	1,932	61	336
November	89,943	32,150	3,050	–	183	23	136
December	133,057	44,663	2,854	2,563	1,178	–	99

DEVELOPMENT BANKS,[1] CLASSIFIED BY PRODUCTS: 1965 TO 1989
pesos)

Cassava & other root crops	Abaca	Ramie	Other fibers	Citrus	Pine-apple	Other fruits and vegetables	Salt farming	Livestock and poultry
13	924	12	23	592	5	1,016	268	11,583
53	63	0	0	132	120	920	368	12,615
74	7,554	210	6	3,331	0	8,181	212	234,973
10	11,614	43	264	2,217	0	15,985	184	222,271
91	7,404	7	171	1,744	504	7,742	73	155,490
479	2,663	5	320	1,669	42,864	5,043	457	129,963
127,003	1,799	5	1,163	2,275	1,109	8,155	514	184,251
10,319	1,703	96	924	2,046	181	6,872	1,194	290,616
356	0	30	0	483	0	1,634	778	75,955
2,930	1,406	50	1,848	986	520	7,824	3,351	227,577
784	433	135	3,789	1,002	664	1,957	5,280	137,569
1,007	0	0	500	326	0	8,853	348	73,567
663	589	10	11	414	137	9,670	2,513	103,967
2,355	835	2,100	9	1,834	7,500	5,619	1,103	160,230
412	241	759	82	1,002	0	5,553	1,459	304,653
2,657	162	511	50	1,046	0	9,437	3,053	342,549
5,017	1,488	0	0	1,235	12	1,081	12,234	621,259
112	133	–	–	81	0	54	739	26,340
3,078	226	–	–	77	0	51	1,445	21,952
100	128	–	–	78	0	72	2,150	70,118
218	131	–	–	100	0	53	1,228	68,477
511	132	–	–	80	0	53	486	80,079
252	133	–	–	225	0	553	917	69,002
358	133	–	–	87	0	54	979	66,078
185	143	–	–	101	12	58	1,356	42,825
79	139	–	–	185	0	56	850	40,783
68	133	–	–	166	0	54	1,024	51,797
–	–	–	–	10	0	–	325	49,036
56	57	–	–	45	0	23	735	34,772

Table 16.7 – TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1989 (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	2,137	107	0	0	0	0	895
1970	11	894	516	471	0	0	0	0	505
1975	181	2,671	3,016	2,747	4,619	187	2,615	0	9,655
1976	72	3,740	11,112	9,684	399	42	50	0	14,288
1977	8	2,014	4,237	7,964	3,227	749	45	34,774	8,541
1978	10	2,743	3,796	16,269	3,356	1,338	15	35,578	7,515
1979	102	2,295	2,887	12,603	3,845	1,070	120	27,370	160,212
1980	407	4,448	5,651	30,868	29,693	326	0	68,449	37,640
1981	0	7,972	7,117	0	0	0	0	0	21,484
1982	563	11,056	5,363	6,084	4,457	0	0	12,111	214,198
1983	0	8,433	4,959	3,244	0	15	42	0	53,692
1984	10	13,955	2,889	9,555	13	0	0	0	145,523
1985	0	4,197	5,123	107	182	0	0	1,098	61,989
1986	1,425	30,193	12,441	1,914	0	0	0	8,086	205,380
1987	497	28,773	13,556	14,852	100	0	0	1,722	90,443
1988	0	5,364	12,452	2,358	4,106	0	0	2,274	522,242
1989	7,400	28,187	37,171	915	0	0	0	0	222,960
January	1,000	2,004	5,208	–	–	0	0	0	19,852
February	–	289	1,385	240	–	0	0	0	14,928
March	–	7,089	1,831	–	–	0	0	0	23,582
April	–	1,852	3,483	10	–	0	0	0	36,644
May	–	1,301	6,792	5	–	0	0	0	18,931
June	6,400	77	7,536	140	–	0	0	0	5,825
July	–	502	2,523	–	–	0	0	0	14,195
August	–	1,265	1,492	120	–	0	0	0	3,678
September	–	8,387	1,256	–	–	0	0	0	23,965
October	–	3,504	5,379	–	–	0	0	0	12,921
November	–	7	183	–	–	0	0	0	4,840
December	–	1,910	103	400	–	0	0	0	43,599

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, banan and cotton.

Source: Central Bank of the Philippines.

Figure 16.2 Domestic Liquidity, 1980 to 1989

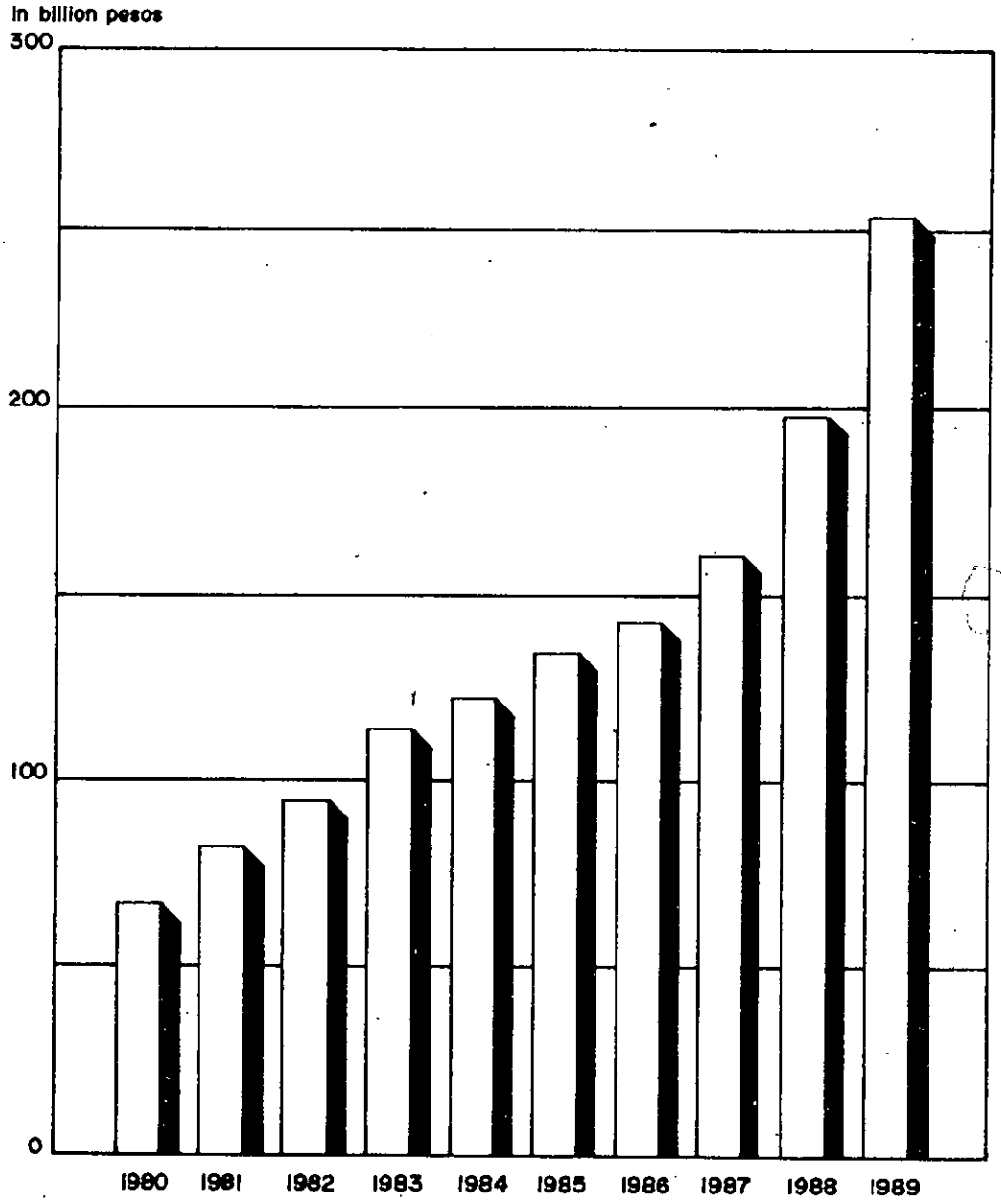


Table 16.8 – NUMBER OF DEPOSIT

Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	12,400,990	7,067,039	409,338	6,568,582	89,119
1976	14,370,284	7,904,932	454,779	7,300,625	149,528
1977	15,916,418	8,443,217	489,834	7,738,014	215,369
1978	18,244,146	9,031,697	523,094	8,214,089	294,514
1979	20,225,335	9,751,891	551,785	8,807,895	392,211
1980	21,047,133	10,130,096	584,570	8,908,984	636,542
1981	22,654,497	13,331,037	616,017	11,331,076	1,383,944
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222
1983	25,589,530	15,225,027	658,041	11,244,354	3,322,632
1984	23,745,648	13,971,704	644,173	10,937,280	2,390,251
1985	20,244,864	12,616,016	636,860	11,048,769	930,387
1986	19,465,502	12,371,867	644,676	10,917,161	810,030
1987	19,591,252	12,861,071	695,929	11,388,220	776,922
1988	19,546,724	13,167,759	686,476	11,452,710	1,028,573
1989					
January	20,099,553	13,669,022	799,388	11,838,751	1,030,883
February	20,053,541	13,647,033	749,212	11,794,552	1,103,269
March	20,183,402	13,784,248	770,925	11,924,189	1,089,134
April	19,459,980	13,043,901	713,561	11,293,987	1,036,353
May	19,705,306	13,152,076	776,000	11,660,363	715,713
June	17,095,857	13,084,292	781,958	11,565,732	736,602
July	19,666,590	13,203,638	776,777	11,708,454	718,407
August	19,681,985	13,049,657	789,316	11,538,868	721,473
September	19,621,480	13,254,259	1,262,694	11,184,214	807,351
October	19,592,983	13,047,042	761,142	11,545,616	740,284
November	18,266,480	11,709,035	822,509	10,182,571	703,955
December	19,164,934	12,617,091	762,555	10,955,990	898,546

ACCOUNTS IN BANKS: 1975 TO 1989

Savings Banks				Private Developments Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
2,889,949	0	2,858,891	31,058	459,041	0	451,302	7,739
3,438,880	0	3,374,289	64,591	541,730	0	530,517	11,213
4,186,153	0	4,069,997	116,156	627,479	0	610,456	17,023
5,170,963	6	4,936,358	234,599	697,428	0	669,742	27,686
5,893,166	6,323	5,555,997	330,846	782,016	0	738,049	43,967
6,405,457	13,488	5,961,839	430,130	834,452	451	760,645	73,356
4,198,241	10,525	3,866,935	320,781	919,162	1,678	824,585	92,899
4,456,376	14,508	4,087,721	354,147	1,031,915	3,511	857,634	170,770
4,650,985	20,898	4,251,344	378,743	1,143,999	5,725	945,133	193,141
3,978,748	19,537	3,827,071	132,140	1,048,020	6,375	915,191	126,454
2,125,610	26,925	2,010,203	88,482	949,631	8,857	890,703	50,071
1,856,954	31,341	1,767,978	57,635	855,163	11,245	748,189	95,729
1,670,274	40,319	1,577,602	52,353	747,396	11,954	700,210	35,232
1,572,191	46,924	1,464,327	60,940	708,748	9,968	660,254	38,526
1,590,720	47,653	1,473,274	69,793	710,793	2,710	589,214	118,869
1,574,438	48,174	1,460,695	65,569	706,955	10,293	657,479	39,183
1,581,099	48,805	1,464,750	67,544	693,595	10,420	650,940	32,235
1,582,814	49,598	1,464,084	69,132	701,113	10,541	657,251	33,321
1,553,738	49,727	1,434,699	69,312	868,704	10,717	807,109	50,878
1,581,126	50,994	1,458,616	71,516	737,916	10,801	713,744	52,995
1,574,440	51,853	1,449,647	72,940	792,010	11,188	678,206	102,616
1,576,444	52,705	1,446,799	76,940	961,729	11,355	916,252	34,122
1,598,670	53,407	1,467,093	78,170	682,952	11,514	637,483	33,955
1,684,570	54,314	1,549,687	80,569	681,137	11,707	637,432	31,998
1,685,672	55,281	1,547,457	82,934	691,910	11,869	637,465	42,576
1,687,162	55,809	1,549,870	81,483	680,744	11,675	635,276	33,793

Table 16.8 – NUMBER OF DEPOSITS ACCOUNTS IN BANKS, 1975 TO 1989 (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	112,646	1,296	107,897	3,453	3,985,380	8,863	3,892,226	84,291
1989								
January	109,283	1,160	104,810	3,313	4,019,735	7,085	3,910,213	102,437
February	105,380	1,309	100,922	3,149	4,019,735	7,085	3,910,213	102,437
March	104,725	1,301	100,265	3,159	4,019,735	7,085	3,910,213	102,437
April	104,120	1,332	99,686	3,102	4,028,032	3,996	3,927,460	96,576
May	102,756	1,308	98,253	3,195	4,028,032	3,996	3,927,460	96,576
June	98,438	1,854	93,458	3,126	4,028,032	3,996	3,927,460	96,576
July	95,974	1,327	91,541	3,106	4,000,528	4,307	3,902,838	93,383
August	93,627	1,318	89,137	3,172	4,000,528	4,307	3,902,838	93,383
September	85,071	1,206	80,692	3,173	4,000,528	4,307	3,902,838	93,383
October	82,370	1,189	78,060	3,121	4,097,864	4,475	4,000,019	93,370
November	81,999	1,184	77,690	3,125	4,097,864	4,475	4,000,019	93,370
December	82,073	1,162	77,785	3,126	4,097,864	4,475	4,000,019	93,370

Note: Data includes DBP starting August 1986.

a After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

Table 16.9 – TOTAL RESOURCES AND LOANS GRANTED BY THE PHILIPPINE NATIONAL BANK: 1950 to 1988
(In million pesos)

Year	Total resources	Loans granted				
		Agricultural	Industrial	Commercial	Others	Total
1950	439	119	158	59	4	340
1955	692	134	201	95	14	444
1960	838	177	223	112	6	518
1965	2,391	387	158	718	339	1,602
1970	4,444	553	133	644	500	1,830
1971	4,231	672	154	702	465	1,993
1972	4,638	585	278	482	765	2,110
1973	7,348	901	991	1,386	504	3,782
1974	12,493	1,954	2,402	3,005	2,699	10,060
1975	18,130	2,182	5,885	8,281	2,206	18,554
1976	18,482	1,783	3,257	8,420	1,438	14,898
1977	19,238	1,181	2,988	8,412	1,518	14,099
1978	23,327	1,021	5,306	6,599	3,872	16,798
1979	30,807	2,106	3,941	9,413	5,922	21,382
1980	38,652	2,315	5,556	9,735	11,724	29,330
1981	44,866	2,470	3,125	13,623	8,753	27,971
1982	58,080	3,226	3,900	15,503	11,337	33,966
1983	70,502	3,189	3,245	22,344	12,623	41,401
1984	87,196	1,918	1,930	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.

Table 16.10 – TOTAL DEPOSIT LIABILITIES

End of Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	27,571.0	20,746.7	6,664.8	8,951.2	5,130.7
1976	34,081.7	26,243.1	7,512.8	11,127.9	7,602.4
1977	42,834.1	33,777.0	9,045.0	13,262.5	11,469.5
1978	53,821.2	43,652.5	9,602.3	17,313.7	16,736.5
1979	68,740.2	55,997.2	11,396.9	20,883.7	23,716.6
1980	88,224.1	72,630.2	13,535.4	23,047.1	36,047.7
1981	97,739.4	79,261.7	14,311.7	27,016.7	37,933.3
1982	114,605.1	93,230.4	11,939.4	33,444.7	47,846.3
1983	137,226.7	116,227.0	19,139.5	40,939.7	56,147.8
1984	149,572.1	134,552.0	15,272.0	47,211.6	72,068.4
1985	161,817.2	143,017.7	14,753.3	56,267.5	71,996.9
1986	157,912.1	138,026.2	19,650.6	70,881.2	47,494.4
1987	174,265.1	151,794.5	21,978.5	82,155.2	47,660.8
1988	226,889.4	198,747.0	23,555.0	110,039.0	65,153.0
1989					
January	47,175.6	20,544.2	2,485.3	11,354.4	6,704.5
February	47,987.0	21,018.6	2,430.1	11,664.9	6,923.6
March	50,903.0	21,698.0	2,563.9	11,932.2	7,201.9
April	50,838.4	21,670.1	2,728.8	11,551.2	7,390.1
May	51,927.3	22,340.4	2,914.3	11,771.1	7,655.0
June	53,593.2	22,856.7	2,940.8	12,031.7	7,884.2
July	53,675.6	23,180.2	2,916.2	12,273.5	7,990.5
August	53,696.3	23,147.9	2,687.5	12,195.3	8,265.1
September	54,463.6	22,773.8	2,366.5	11,852.8	8,554.5
October	53,864.9	23,127.6	2,635.3	11,921.8	8,570.5
November	55,997.8	24,555.1	2,948.2	13,014.3	8,592.6
December	59,191.3	25,239.1	2,952.5	13,671.4	8,615.2

OF BANKS: 1975 TO 1989

Savings Banks				Private Development Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,183.9	0.0	1,020.0	163.9	196.1	0.0	149.0	47.1
1,760.6	0.0	1,371.3	389.3	258.4	0.0	173.9	84.5
2,458.1	0.0	1,800.2	657.9	332.9	0.0	207.3	125.6
3,478.9	0.2	2,366.5	1,112.2	424.2	0.0	259.1	165.1
4,830.6	32.4	3,131.7	1,666.5	576.5	0.7	344.0	231.8
5,985.5	162.3	3,738.3	2,084.9	779.4	1.9	429.9	347.6
4,565.2	112.8	2,577.8	1,874.6	1,191.5	11.2	660.2	520.1
5,101.0	89.3	2,791.6	2,220.1	2,025.5	105.4	922.8	997.3
5,957.8	124.3	3,168.6	2,664.9	2,464.7	85.6	1,059.6	1,319.5
3,138.9	67.2	1,771.2	1,300.5	2,185.3	134.0	939.5	1,111.8
5,734.8	98.3	3,137.3	2,499.2	2,765.4	130.1	1,249.8	1,385.5
7,021.9	166.8	4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9
9,170.7	218.2	6,617.6	2,334.9	3,596.8	177.7	1,918.6	1,500.5
12,196.1	266.4	8,898.8	3,030.9	4,469.9	221.4	2,331.2	1,917.3
11,250.8	278.2	8,066.8	2,905.8	4,367.1	256.6	2,279.4	1,831.1
11,454.9	281.6	8,166.4	3,006.9	4,478.8	246.0	2,345.2	1,887.6
12,890.0	263.7	9,095.5	3,530.8	4,607.6	255.2	2,410.3	1,942.1
12,498.3	303.7	8,442.1	3,752.5	4,680.0	249.3	2,481.1	1,949.6
12,617.6	303.2	8,527.5	3,786.9	4,782.7	195.8	2,592.6	1,994.3
13,559.2	284.2	9,456.1	3,818.9	4,970.1	256.0	2,634.2	2,079.9
12,911.7	318.1	8,723.2	3,870.4	4,982.6	256.6	2,556.5	2,169.5
13,002.0	336.1	8,709.4	3,956.5	4,924.5	102.7	2,613.1	2,208.7
14,226.9	314.6	10,045.1	3,867.2	4,998.3	104.7	2,647.4	2,246.2
14,038.1	333.1	9,840.6	3,864.4	5,133.0	152.6	2,746.6	2,233.8
14,416.4	334.5	10,040.6	4,041.3	5,429.8	278.0	2,858.6	2,293.2
16,542.7	397.5	11,933.7	4,211.5	5,429.8	278.0	2,858.6	2,293.2

Table 16.10 – TOTAL DEPOSIT LIABILITIES

End of Period	SSLA				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	4,021.6	6.9
1979	874.1	0.0	567.2	306.9	4,550.7	17.1
1980	1,097.4	0.0	698.0	399.4	5,681.1	26.2
1981	1,466.3	0.0	875.1	591.2	8,827.4	21.9
1982	2,185.1	5.6	1,110.5	1,069.0	9,067.3	16.3
1983	2,765.2	20.5	1,225.5	1,519.2	6,240.6	21.8
1984	1,734.4	13.0	989.9	731.5	4,645.3	22.9
1985	1,970.4	9.9	1,077.3	883.2	5,201.9	17.7
1986	2,613.0	31.0	1,502.9	1,079.1	3,168.4	26.8
1987	2,271.8	0.0	1,283.0	988.8	2,915.0	29.7
1988	2,440.8	0.0	1,390.0	1,050.8	3,684.3	41.4
1989						
January	2,734.9	0.0	1,565.5	1,169.4	2,596.6	36.6
February	2,794.3	0.0	1,585.1	1,209.2	2,558.4	50.5
March	2,810.6	0.0	1,585.3	1,225.3	3,214.8	22.1
April	2,875.7	0.0	1,568.0	1,307.7	3,104.2	25.3
May	2,938.7	0.0	1,653.9	1,284.8	3,237.8	22.0
June	3,018.1	0.0	1,691.4	1,326.7	3,179.0	16.5
July	3,030.5	0.0	1,681.7	1,348.8	3,455.2	17.5
August	3,037.3	0.0	1,683.1	1,354.2	3,469.2	18.1
September	3,031.8	0.0	1,687.5	1,344.3	3,317.4	16.7
October	2,863.3	0.0	1,566.7	1,296.6	2,449.1	24.8
November	2,896.9	0.0	1,590.8	1,306.1	2,445.8	19.8
December	2,992.3	0.0	1,672.3	1,320.0	2,733.6	23.1

Source: Central Bank of the Philippines.

OF BANKS: 1975 TO 1989 (continued)

Government Banks		Rural Banks			
Savings	Time	Total	Demand	Savings	Time
3,131.9	1,011.3	1,085.3	20.8	656.0	408.5
2,605.1	1,681.5	1,157.3	18.6	722.4	416.3
2,616.2	1,828.7	1,306.8	19.8	786.3	500.7
2,503.2	1,511.5	1,566.4	18.8	974.6	573.0
2,947.7	1,585.9	1,911.1	26.5	1,182.2	702.4
4,085.7	1,569.2	2,050.5	13.9	1,265.6	771.0
6,124.2	2,681.3	2,427.3	25.0	1,471.3	931.0
6,504.6	2,546.4	2,995.8	21.4	1,776.7	1,197.7
4,307.9	1,910.9	3,571.4	23.5	2,043.1	1,504.8
658.1	3,964.3	3,316.2	17.6	1,939.2	1,359.4
716.9	4,467.3	3,127.0	17.1	1,966.9	1,143.0
314.4	2,827.2	3,767.1	20.5	2,407.2	1,339.4
251.3	2,634.0	4,516.3	22.7	3,011.4	1,482.2
1,486.3	2,156.6	5,351.3	31.3	3,519.1	1,800.9
435.7	2,124.3	5,682.0	29.9	3,851.2	1,800.9
411.5	2,096.4	5,682.0	29.9	3,851.2	1,800.9
1,014.6	2,178.1	5,682.0	29.9	3,851.2	1,800.9
812.6	2,266.3	6,010.1	31.3	4,073.9	1,904.9
812.1	2,403.7	6,010.1	31.3	4,073.9	1,904.9
849.8	2,312.7	6,010.1	31.3	4,073.9	1,904.9
1,131.5	2,306.2	6,115.4	27.5	4,100.1	1,987.8
1,126.4	2,324.7	6,115.4	27.5	4,100.1	1,987.8
923.2	2,377.5	6,115.4	27.5	4,100.1	1,987.8
407.0	2,017.3	6,253.8	31.8	4,224.6	1,997.4
394.6	2,031.4	6,253.8	31.8	4,224.6	1,997.4
546.1	2,164.4	6,253.8	31.8	4,224.6	1,997.4

Table 16.11 – LOANS GRANTED BY DEVELOPMENT

(In million

Period	Total	Agriculture, fisheries & forestry	Mining and quarrying	Manufacturing
1965	134.6	62.2	0.3	36.5
1970	162.0	64.9	1.0	44.8
1971	116.6	61.5	0.4	16.7
1972	181.1	100.0	1.2	39.3
1973	326.3	160.2	0.7	88.4
1974	854.3	255.7	1.6	269.8
1975	2,822.5	822.4	32.5	491.8
1976	2,608.3	892.9	341.9	507.8
1977	2,951.3	624.6	735.3	825.2
1978	3,539.9	617.2	500.2	1,328.1
1979	4,860.8	830.3	46.8	3,098.1
1980	6,084.5	833.5	812.7	2,323.1
1981	6,679.6	1,099.6	1,290.1	2,349.9
1982	7,170.7	1,047.4	753.0	2,486.9
1983	8,227.7	431.2	1,138.4	1,941.8
1984	3,957.6	426.4	18.5	500.7
1985	3,095.8	414.4	41.9	587.7
1986	6,253.5	936.5	5.6	560.3
1987	7,704.1	1,144.8	13.7	804.5
1988	10,851.7	1,652.6	5.2	2,293.5
1989	12,953.8	1,693.6	28.1	2,454.1
January	768.1	114.7	1.4	95.7
February	1,208.7	103.8	2.3	165.4
March	1,170.2	164.0	0.5	75.2
April	962.7	166.6	1.0	189.6
May	1,093.4	193.2	1.1	310.4
June	1,207.6	156.3	2.8	382.5
July	931.2	147.7	1.0	160.6
August	1,229.0	124.9	–	107.1
September	917.2	118.8	3.0	242.7
October	924.5	135.8	4.5	315.2
November	774.6	125.9	–	93.0
December	1,299.6	141.9	10.5	316.7

Source: Central Bank of the Philippines.

BANKS CLASSIFIED BY INDUSTRY: 1965 to 1989
pesos)

Construction	Real estate	Transportation Storage & Communication	Financing Insurance & Business Services	Community, Social & Personal Services
0.1	7.6	12.2	1.8	13.9
1.3	9.0	37.6	3.0	0.4
0.5	22.1	6.3	2.6	6.5
0.1	27.4	7.3	2.4	3.4
1.2	45.8	11.9	3.7	14.4
1.3	165.2	145.0	7.0	8.7
9.7	1,076.7	322.4	9.5	57.5
13.1	562.4	232.2	17.5	40.5
0.7	122.5	339.7	223.6	79.7
2.4	514.2	476.4	72.8	28.6
8.2	531.0	122.2	94.2	130.0
9.4	1,012.0	691.7	256.7	145.4
17.4	1,105.5	438.7	293.9	84.5
158.8	1,146.2	520.1	1,003.7	54.6
287.4	1,678.9	319.9	2,429.9	0.2
45.2	1,099.1	799.6	1,068.1	0.0
32.2	303.1	181.6	1,534.9	0.0
19.5	199.3	57.2	2,588.5	1,886.6
52.5	224.9	35.8	4,600.5	771.1
236.3	552.8	364.6	4,560.1	1,012.8
261.1	956.6	581.7	5,241.5	1,737.1
3.4	38.4	12.3	434.4	67.8
6.9	168.2	4.0	631.8	126.3
4.3	34.9	81.1	690.6	119.6
22.0	77.5	45.9	240.0	193.5
15.9	65.3	32.4	269.5	242.5
79.5	63.2	64.9	290.3	199.5
22.2	143.3	43.3	351.6	90.4
39.4	81.2	26.4	714.0	277.8
21.6	72.3	63.3	244.5	143.9
22.1	76.1	64.3	183.7	116.7
10.0	76.5	68.7	500.1	26.3
13.8	59.7	75.1	691.0	132.8

Table 16.12 – TOTAL ASSETS AND TOTAL

(In million

End of Period	Central Bank		Commercial banks	
	Total assets	Total liabilities	Total assets	Total liabilities
1955	966.4	932.5	1,412.9	1,393.4
1960	1,948.3	1,637.2	2,336.8	2,052.9
1965	3,096.6	2,866.9	6,731.0	5,902.7
1970	6,003.2	5,731.5	14,066.1	12,595.4
1975	25,974.2	25,632.8	53,165.0	47,993.0
1976	28,972.2	28,598.2	58,730.9	53,159.0
1977	28,982.8	28,563.3	68,679.0	61,708.0
1978	38,358.0	37,940.7	90,929.9	81,569.4
1979	50,790.2	69,943.4	115,376.5	104,774.8
1980	65,447.3	71,042.1	144,489.0	132,018.1
1981	71,571.2	129,817.9	171,704.4	155,716.6
1982	91,691.8	91,169.1	198,865.0	179,559.3
1983	130,371.7	129,817.9	256,458.4	233,705.9
1984	206,026.5	205,434.5	299,226.3	271,425.5
1985	251,611.9	250,970.6	296,563.9	271,386.9
1986	313,892.0	313,215.0	264,635.1	232,386.9
1987	325,185.1	324,472.8	287,465.1	251,403.0
1988	349,932.7	349,150.1	342,312.0	299,510.0
1989				
January	349,808.5	349,018.7	347,694.0	304,400.0
February	350,784.0	349,991.7	354,891.0	311,114.0
March	349,078.0	348,278.3	362,406.0	317,966.0
April	347,899.1	347,109.6	369,673.0	324,655.0
May	352,041.9	351,246.0	377,714.0	331,964.0
June	345,998.8	345,196.6	382,233.0	335,350.0
July	349,297.8	348,489.4	386,849.0	339,476.0
August	352,635.8	351,818.0	390,058.0	342,085.0
September	354,921.3	354,094.3	386,655.0	338,167.0
October	365,159.1	364,323.2	397,911.0	350,722.0
November	366,737.9	365,893.0	414,888.0	366,693.0
December	385,389.7	385,016.5	420,410.0	372,890.0

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

Source: Central Bank of the Philippines

LIABILITIES, BY INSTITUTION: 1955 TO 1989
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	16,298.6	12,911.7
3,896.8	3,621.7	4,112.0	3,408.7	759.7	590.2
5,389.9	5,048.7	5,017.0	4,212.8	1,023.4	810.2
7,352.4	6,730.8	5,642.2	4,769.5	1,620.6	1,309.1
6,930.5	6,447.1	6,631.2	5,607.8	2,631.4	2,153.5
5,872.4	5,415.7	8,136.5	6,965.3	3,703.0	3.149.9
7,399.4	6,825.9	9,499.7	8,107.5	4,613.2	3,957.6
7,613.8	6,963.4	9,023.3	7,513.0	4,525.3	3,825.4
6,847.2	6,400.1	8,821.7	7,240.8	5,084.2	4.300.6
8,124.4	7,540.9	9,350.5	7,651.6	5,621.5	4,899.6
10,534.1	9,722.2	9,960.8	8,101.1	5,474.5	4,614.9
14,165.4	13,163.8	11,018.2	8,980.2	6,698.0	5,702.3
13,503.9	12,468.8	11,521.2	9,433.6	6,785.4	5,781.5
13,680.7	12,625.0	11,521.2	9,433.6	6,905.0	5,891.6
15,129.3	14,026.3	11,521.2	9,433.6	7,019.3	5,975.4
14,795.6	13,666.1	11,989.1	9,815.8	7,394.7	6,328.0
15,041.5	13,885.3	11,989.1	9,815.8	7,450.1	6,366.9
16,223.3	14,989.6	11,989.1	9,815.8	7,441.3	6,334.8
15,840.7	14,497.8	12,269.1	10,019.5	7,393.7	6,278.7
15,827.9	14,438.9	12,269.1	10,019.5	7,848.1	6,659.3
17,136.6	15,732.7	12,269.1	10,019.5	7,756.7	6,512.0
16,917.3	15,414.3	12,521.8	10,220.5	8,053.9	6,761.6
17,565.5	15,989.2	12,521.8	10,220.5	8,527.4	7,217.7
19,689.4	18,081.1	12,521.8	10,220.5	8,527.4	7,217.7

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
1989	1,946.1	235.4	1,369.2	341.5	0.0

a Includes foreign currency loan.

Source: Development Bank of the Philippines.

TOTAL RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES: TO CY 1989
annual increase in percent)

Educational assistance loans	Subscriptions to capital stocks/rural banks	Advances and subscriptions to capital stock private development banks	Financial rehabilitation loans	Equities and other investment	Bank resources
0.5	1.6	0.0	0.0	0.0	352.7
0.0	5.6	4.5	0.0	0.0	510.6
0.0	5.4	9.4	0.0	0.0	1,208.7
0.0	1.9	6.3	0.0	0.0	3,276.5
0.0	9.8	29.0	0.0	211.8	7,837.9
0.0	10.9	39.8	0.0	84.4	11,087.7
0.0	8.3	45.3	0.0	151.8	12,607.3
1.7	6.4	62.6	0.0	265.8	15,605.5
2.3	0.0	57.5	0.0	401.8	18,024.5
3.9	0.0	97.3	39.5	1,350.2	21,893.0
4.5	0.0	151.1	0.0	1,171.1	27,086.2
4.2	0.0	184.3	0.0	2,743.8	34,706.8
7.0	11.4	220.2	0.0	2,831.1	43,988.5
6.3	5.6	158.0	0.0	1,255.2	54,934.0
5.8	0.9	42.5	0.0	7,495.8	65,459.6
6.2	0.0	0.0	0.0	0.0	72,043.0
3.0	0.0	0.0	0.0	0.3	9,503.6
2.6	0.0	0.0	0.0	0.0	10,531.6
0.0	0.0	0.0	103.0	421.4	11,431.1
0.0	0.0	0.0	0.0	0.0	11,322.0

Table 16.14 – FINANCIAL CONDITION OF THE GOVERNMENT

(In million

Year	Assets				
	Total	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
1989	29,098.5	23,803.0	1,395.2	2,834.0	689.9

SERVICE INSURANCE SYSTEM: FY 1970–1971 TO CY 1989
pesos)

	Reserves					
Employees Compensation insurance fund	Total	Social insurance fund	Optional Life insurance fund [2]	General insurance fund [3]	Medicare insurance fund	Employees Compensation insurance fund [5]
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
376.4	24,481.2	21,773.3	757.6	992.4	542.7	415.2

Table 16.14 – Financial Condition of the Government Service Insurance System FY 1970–1971 to CY 1989 (continued)
(in million pesos)

Year	Surplus					
	Total	Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	Employees Compensation 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)
1989	2,259.7	1,039.9	524.0	655.7	81.7	(41.6)

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 1989
(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
1989	19,881.2	6,281.6	1,382.7	1,512.3	6,330.2	4,374.4

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	SOURCES				
		Receipts			
	Cash balance, beginning	Insurance premiums	Repayments of investments	Others	Total funds available
1970–71	(33.2)	386.5	522.0	302.4	1,177.7
1971–72	(0.8)	483.8	476.6	505.1	1,464.7
1972–73	(6.0)	520.8	433.3	379.2	1,327.3
1973–74	16.6	530.2	530.2	464.1	1,541.1
1974–75	(35.7)	632.2	818.1	386.8	1,801.4
1976 [1]	(88.8)	212.6	115.0	534.3	773.1
1977	(69.4)	915.3	685.7	332.2	1,863.8
1978	(38.6)	1,159.0	579.6	488.9	2,188.9
1979	(12.8)	1,425.9	1,129.1	471.0	3,013.2
1980	64.0	1,730.4	1,041.2	307.1	3,142.7
1981	148.1	2,224.1	1,633.5	382.7	4,388.4
1982	3.9	2,312.6	1,496.8	383.8	4,197.1
1983	8.6	2,494.6	2,244.7	530.5	5,278.4
1984	31.1	2,445.8	2,201.1	383.5	5,061.5
1985	46.1	2,841.6	2,184.6	513.9	5,586.2
1986	(2.1)	3,051.2	3,148.0	578.4	6,775.5
1987	176.0	4,093.0	5,684.3	518.0	10,471.3
1988	94.5	4,367.0	10,499.0	836.4	15,797.0
1989	169.0	5,120.2	15,016.5	1,353.8	21,659.4

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 1989
pesos)

APPLICATION				
Disbursements				
Claims & benefits payments	Investments	Operating expenses and other miscellaneous disbursements	Others	Total funds applied
224.1	602.7	195.4	156.4	1,178.6
254.9	642.6	141.7	447.2	1,486.4
398.9	672.1	74.3	165.6	1,310.9
427.2	847.8	108.9	192.9	1,576.8
411.3	866.6	142.8	427.3	1,848.0
235.4	507.2	25.2	74.7	842.5
467.5	974.1	99.7	361.1	1,902.4
668.5	1,147.2	143.2	242.8	2,201.7
726.9	1,595.1	328.3	298.9	2,949.2
699.0	1,793.9	237.4	264.4	2,994.7
794.0	2,709.6	241.9	639.0	4,384.5
922.7	2,310.4	284.5	670.9	4,188.5
1,025.4	2,479.6	332.4	1,410.0	5,247.4
1,061.7	2,823.3	285.1	845.2	5,015.3
1,470.4	2,726.5	491.2	900.2	5,588.3
1,567.3	3,772.5	605.7	654.1	6,599.6
1,817.4	7,317.3	453.5	788.7	10,376.9
1,996.9	12,315.0	554.3	761.8	15,628.0
2,756.8	17,711.1	726.0	403.1	21,597.0

Table 16.17 – EXPENDITURES OF THE SOCIAL SECURITY SYSTEM BY SOURCE: 1960 TO 1989
(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	4,005.2	3,654.9	350.3	293.6	42.0	14.7
1989	4,730.2	4,266.3	463.9	400.0	44.4	19.5

Source: Social Security System

Table 16.18 – ASSETS, INVESTMENTS AND EARNINGS OF THE SOCIAL SECURITY SYSTEM[1] : 1960 to 1989
(In million pesos)

Year	Year-end assets	Annual increase %	Year-end investments	Annual increase %	Yearly earnings	Annual increase %
1960	110.7	0.00	108.5	0.00	3.6	0.00
1965	471.8	33.64	428.8	31.63	19.5	40.20
1970	1,128.2	19.05	1,085.5	20.41	66.4	27.77
1971	1,330.6	17.94	1,265.8	16.61	79.3	19.43
1972	1,572.3	18.16	1,519.2	20.02	99.4	25.35
1973	1,949.2	23.97	1,890.5	24.44	128.6	29.38
1974	2,388.9	22.56	2,348.8	24.24	173.3	34.76
1975	2,997.0	25.46	2,915.5	24.13	220.1	27.01
1976	3,696.1	23.33	3,597.0	23.38	284.3	29.17
1977	4,539.7	22.82	4,348.1	20.88	378.4	33.10
1978	5,512.4	21.43	5,276.7	21.36	473.4	25.11
1979	6,750.7	22.46	6,608.6	25.24	583.7	23.30
1980	8,220.7	21.78	8,066.3	22.06	779.5	33.54
1981	9,958.2	21.14	9,711.3	20.39	1,013.6	30.03
1982	11,834.0	18.84	11,538.5	18.82	1,270.5	25.35
1983	13,936.6	17.77	13,633.2	18.15	1,577.0	24.12
1984	17,155.9	23.10	16,449.0	20.65	2,573.0	63.16
1985	22,245.8	29.67	21,121.5	28.41	4,335.6	68.50
1986	26,155.1	17.57	25,290.7	19.74	3,961.4	(8.63)
1987	31,092.0	18.88	29,900.3	18.23	3,837.1	(3.14)
1988	36,229.6	16.52	35,422.8	18.47	4,385.2	14.28
1989	42,940.0	18.52	41,765.0	17.90	5,475.8	24.87

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	Earnings		
			Total	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
1989	12,969.0	6,150.9	6,786.0	5,475.8	554.1

Source: Social Security System.

SYSTEM BY SOURCE: 1960 to 1989
pesos)

	Others			
Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
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
756.1	32.2	27.0	2.9	2.3

Table 16.20 – REVENUES, EXPENDITURES AND TRUST
SOCIAL SECURITY SYSTEM:
(In million

Year	Revenues				Expendi	
	Total	SSS	Medicare	Employees' Compensation	Total	SSS
1970	236.8	236.8	–	–	73.4	73.4
1971	283.5	283.5	–	–	84.1	84.1
1972	385.3	327.5	57.8	–	102.4	94.3
1973	620.7	512.8	107.9	–	161.6	133.4
1974	724.6	606.2	118.4	–	300.2	177.3
1975	940.3	744.0	134.8	61.5	336.0	202.1
1976	10,165.0	9,915.5	154.5	95.0	402.0	224.3
1977	1,380.3	1,092.8	170.8	116.7	399.8	240.6
1978	1,641.1	1,311.9	190.6	138.6	553.1	351.0
1979	2,118.0	1,659.9	287.9	170.2	665.5	426.9
1980	2,526.5	1,985.5	329.9	211.1	752.8	513.6
1981	2,969.0	2,344.4	374.9	249.7	895.7	633.2
1982	3,410.6	2,697.2	416.4	297.0	1,129.8	826.5
1983	3,865.9	3,065.9	452.1	347.9	1,299.2	977.4
1984	5,156.0	4,167.8	532.0	456.2	1,479.9	1,160.3
1985	7,437.7	6,006.1	699.3	732.3	1,691.3	1,339.8
1986	7,049.6	5,660.1	692.3	697.2	2,031.3	1,631.7
1987	8,786.5	7,209.5	881.4	695.6	2,801.6	2,314.6
1988	10,522.2	8,681.7	1,023.3	817.2	4,006.1	3,345.9
1989	12,969.0	10,624.9	1,288.1	1,056.0	4,730.8	4,063.9

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 1989
pesos)

tures		Trust Fund [1]			
Medicare	Employees' Compensation	Total	SSS	Medicare	Employee Compensat
–	–	162.5	162.5	–	–
–	–	199.7	199.7	–	–
8.1	–	282.6	232.9	49.7	–
28.2	–	455.9	376.2	79.7	–
122.9	–	421.3	425.7	(4.4)	–
129.5	4.4	616.6	554.2	5.3	57 1
165.5	12.2	762.9	691.2	(11.1)	82.8
142.0	17.2	980.5	852.2	28.8	99.5
181.4	20.7	1,088.0	960.9	9.2	117.9
212.1	26.5	1,452.4	1,233.0	75.7	143.7
207.6	31.6	1,773.7	1,471.9	122.3	179.5
221.7	40.8	2,073.3	1,711.2	153.2	208.9
258.6	44.7	2,272.3	1,863.0	157.6	251.7
266.7	55.1	2,566.7	2,088.5	185.4	292.8
248.4	71.2	5,746.4	4,666.3	425.8	654.3
273.5	78.0	5,019.3	4,028.4	386.9	604.0
306.4	93.2	6,037.8	4,946.1	497.3	594.4
385.0	102.0	5,984.9	4,894.9	496.4	593.6
516.5	143.7	6,516.2	5,335.8	506.8	673.6
493.9	173.0	8,238.2	6,561.0	794.2	883.0

Table 16.21 – INVESTMENTS PORTFOLIO OF THE
(In million

Year	Total	Social		Secu
		Total	Government securities	Housing loans
1965	428.8	428.8	194.5	135.5
1970	1,103.5	1,103.5	453.3	449.6
1971	1,265.8	1,265.8	512.2	539.3
1972	1,567.3	1,519.2	768.6	525.6
1973	2,014.3	1,890.4	1,020.2	595.6
1974	2,476.3	2,348.8	1,357.0	637.0
1975	3,118.1	2,915.5	1,829.9	706.8
1976	3,857.0	3,597.0	2,297.8	845.9
1977	4,729.7	4,348.2	2,812.8	1,023.0
1978	5,793.3	5,276.7	3,473.6	1,230.9
1979	7,328.5	6,608.6	4,539.0	1,414.4
1980	9,085.1	8,066.3	5,745.4	1,593.0
1981	11,086.2	9,711.3	7,129.5	1,758.1
1982	13,308.2	11,538.4	8,409.0	1,938.6
1983	15,880.2	13,633.2	10,118.4	2,192.4
1984	19,296.7	16,449.0	11,619.7	2,575.7
1985	24,963.3	21,121.5	15,621.7	3,081.5
1986	30,172.2	25,290.7	19,610.6	3,546.7
1987	35,774.2	29,900.3	21,374.6	4,269.2
1988	48,745.4	41,552.8	30,445.4	4,931.8
1989	57,057.9	48,140.7	33,200.0	4,903.7

Source: Social Security System

SOCIAL SECURITY SYSTEM: 1965 TO 1989
pesos)

rity	System			
Salary educational loans	Other service loans	Private securities	Medicare	Employees' compensation
19.1	0.0	79.7	0.0	0.0
115.1	6.9	78.6	0.0	0.0
130.6	10.2	73.5	0.0	0.0
133.8	12.4	78.8	48.1	0.0
164.6	15.0	95.0	123.9	0.0
209.1	15.2	130.5	127.5	0.0
240.5	14.9	123.4	144.9	57.7
309.0	17.1	127.2	115.3	144.7
369.9	20.6	121.9	144.5	237.0
427.9	24.6	119.7	158.7	357.9
520.2	28.3	106.7	230.3	489.6
591.0	33.0	103.9	350.1	668.7
686.4	37.7	99.6	501.4	873.5
757.9	43.6	389.3	652.8	1,117.0
810.5	49.0	462.9	838.5	1,408.5
1,056.3	72.4	1,124.9	1,105.4	1,742.3
1,205.9	59.9	1,152.5	1,492.0	2,349.8
1,259.1	63.7	810.6	1,898.9	2,982.6
1,896.5	67.0	2,293.0	2,366.0	3,507.9
2,689.3	64.0	3,422.3	2,933.9	4,258.7
4,702.2	65.7	5,269.1	3,754.2	5,163.0

17 INTERNATIONAL STATISTICS

This chapter provides a picture of world developments through statistics covering selected countries of the world. These have become very important and so widely used. Each country has recognized increasingly the scope and relevance of its statistics to those of the others in the analysis of its domestic economy. International statistics even bear greater significance in the determination, evaluation and implementation of foreign policy. They provide the necessary information that indicates how a domestic economy is performing in comparison to the others.

Selected international statistics presented in this chapter pertain to 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, available information relative to population and education. Gross domestic product by kind of economic activity and 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 selected developing countries of Asia and the Pacific are shown in 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.

Table 17.1	Population in Selected Countries	17-4
Table 17.2	Educational Institutions in Selected Countries	17-6
Table 17.3	Growth of Domestic Product by Kind of Economic Activities, Market Economies: 1975 to 1985	17-10
Table 17.4	Growth of Gross Domestic Product by Type and Expenditure, Market Economies by Region: 1975 to 1985	17-12
Table 17.5	Index Numbers of food and Total Agricultural Production, by Region: 1975 to 1986	17-14
Table 17.6	Industrial Countries: Changes in Output and Prices: 1970 to 1987	17-16
Table 17.8	Developing Countries: Changes in Consumer Prices: 1970 to 1987	17-17
Table 17.9	World Trade Summary: 1969 to 1987	17-22
Table 17.10	Terms of Trade of Selected Developing Countries of Asia and the Pacific: 1977 to 1988	17-23
Table 17.11	International Reserves Including Gold: 1976 to 1989	17-24
Table 17.12	International Reserves Excluding Gold: 1976 to 1989	17-26
Table 17.13	Consumer Price Indices of Selected Developing Countries of Asia and the Pacific: 1975 to 1989	17-28
Table 17.14	Merchandise Imports, C.I.F., of Selected Developing Countries of Asia and the Pacific: 1975 to 1989	17-30
Table 17.15	Merchandise Exports, F.O.B., of Selected Developing Countries of Asia and the Pacific: 1977 to 1989	17-32
Table 17.16	Imports of Petroleum and Petroleum Products of Developing Countries of Asia and the Pacific: 1977 to 1989	17-34
Table 17.17	General Index Numbers of Agricultural Production: 1976 to 1989	17-35
Table 17.18	Selected Indicators of Social Development: 1970 to 1985	17-36
Table 17.19	Daily Capita Protein and Calorie Supplies for Selected Developing Countries of Asia and the Pacific: 1965 to 1985	17-41

Table 17.20	Rice (Paddy) Production of Selected Developing Countries of Asia and the Pacific: 1976 to 1989	17-42
Table 17.21	Corn Production of Selected Developing Countries of Asia and the Pacific: 1976 to 1989	17-44
Table 17.22	Manufacturing Production Index of Selected Developing Countries of Asia and the Pacific: 1976 to 1988	17-46

Figure 17.1	Consumer Price Indices of ASEAN Countries, 1980 to 1989	17-9
Figure 17.2	Index Numbers of Agricultural Production in Selected Countries, CY 1980 to 1989	17-13

Country	Latest census (thousands)			
	Date	Both sexes	Male	Female
Canada	3-VI-81	24,343	12,068	12,275
United State of America	1-IV-80	226,545	110,053	116,492
France	4-III-82	54,335	...	...
Germany, Federal Republic of	27-V-70	60,651	28,867	31,784
Netherlands	28-II-71	13,061	...	...
Spain	1-III-81	37,746	18,530	19,216
United Kingdom	5-IV-81	55,678	27,030	28,648
Union of Soviet Socialist Republic	17-I-79	262,436	122,329	140,107
China	I-VII-82	1,008,181	519,421	488,760
India	I-III-81	685,185	354,398	330,787
Indonesia	31-X-80	147,490	73,333	74,157
Japan	I-X-85	121,049	59,497	61,552
Korea, Republic of	I-X-80	37,436	18,767	18,669
Malaysia	10-VI-80	13,136	6,589	6,547
Pakistan	I-III-81	84,254	44,233	40,021
Philippines	I-V-80	48,098	24,129	23,969
Singapore	24-VI-80	2,414	1,232	1,182
Thailand	I-IV-80	44,824	22,309	22,495
Egypt	XI-76	36,626	18,647	17,979
Australia	30-VI-81	14,576	7,267	7,309

Population is je jure.

Population is de jure but excludes civilian citizens absent from country for extended period of time.

Census figures also excluded armed forces overseas.

Excluding Channel Islands and Isle of Man.

Midyear estimates have been adjusted for under enumeration.

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.

Data for Indian held port of Jammu and Kashmir, the final status of which has not yet been determined.

SELECTED COUNTRIES

Midyear estimates						
1970	1980	1984	1986	Annual rate of increase (percent) 1980–1986	Area (km) 1986	Density 1986
	(thousands)					
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

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.

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.

Data are for territory excluding Jammu and Kashmir, the final status of which has not yet been determined and Junagardh, Manavadar, Gilgit, and Baltisan, are also excluded.

Excludes transients afloat and non-locally domiciled military and civilian personnel and their dependents and visitors number 5.187 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
Canada	Pre-primary	1983	402,264	...
	Ist level	1983	2,251,535	142,283
	2nd level	1983	2,323,105	130,551
	3rd level	1983	1,192,925	58,277
United State of America	Pre-primary	1983	5,472,000	...
	Ist level	1984	26,839,000	1,414,000
	2nd level	1984	13,779,000	1,043,000
	3rd level	1981	12,467,740	...
France	Pre-primary	1983	2,461,362	73,002
	Ist level	1983	4,259,598	173,757
	2nd level	1983	5,225,994	310,698
	3rd level	1983	1,144,080	...
Germany, Federal Republic of	Pre-primary	1983	1,581,069	...
	Ist level	1983	2,366,211	140,365
	2nd level	1983	5,967,864	437,559
	3rd level	1984	1,503,035	182,310
Netherlands	Pre-primary	1984	399,453	...
	Ist level	1984	1,094,980	...
	2nd level	1984	1,445,991	...
	3rd level	1983	384,131	...
Spain	Pre-primary	1983	1,171,062	38,084
	Ist level	1983	3,607,755	117,873
	2nd level	1983	4,112,760	192,574
	3rd level	1983	787,864	47,087
United Kingdom	Pre-primary	1983	349,700	...
	Ist 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
Union of Soviet Socialist Republics	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	...
China	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
India	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
Indonesia	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
Japan	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
Korea, Republic of	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
Malaysia	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
Pakistan	Pre-primary	1983	...	...
	Ist level	1983	412,000	206,000
	2nd level	1983	2,402,121	154,759
	3rd level	1979	156,558	7,042
Philippines	Pre-primary	1983	181,726	4,543
	Ist level	1984	879,363	286,246
	2nd level	1984	3,323,512	103,493
	3rd level	1982	1,411,515	...
Singapore	Pre-primary	1984	24,775	864
	Ist level	1984	288,623	10,657
	2nd level	1984	197,183	9,644
	3rd level	1984	35,192	3,141
Thailand	Pre-primary	1983	471,597	...
	Ist level	1983	7,272,153	355,984
	2nd level	1983	2,191,713	...
	3rd level	1983	1,120,084	28,865
Egypt	Pre-primary	1982	84,539	...
	Ist level	1983	5,349,579	170,904
	2nd level	1983	3,201,203	149,712
	3rd level	1983	873,565	33200
Australia	Pre-primary	1984	156,641	...
	Ist level	1984	1,571,238	102,853
	2nd level	1984	1,247,468	103,064
	3rd level	1984	358,498	22,234

Source: United Nations, 1985/86 Statistical Yearbook.

Figure 17.1 Developing Countries: Changes in CPI, 1980 to 1987

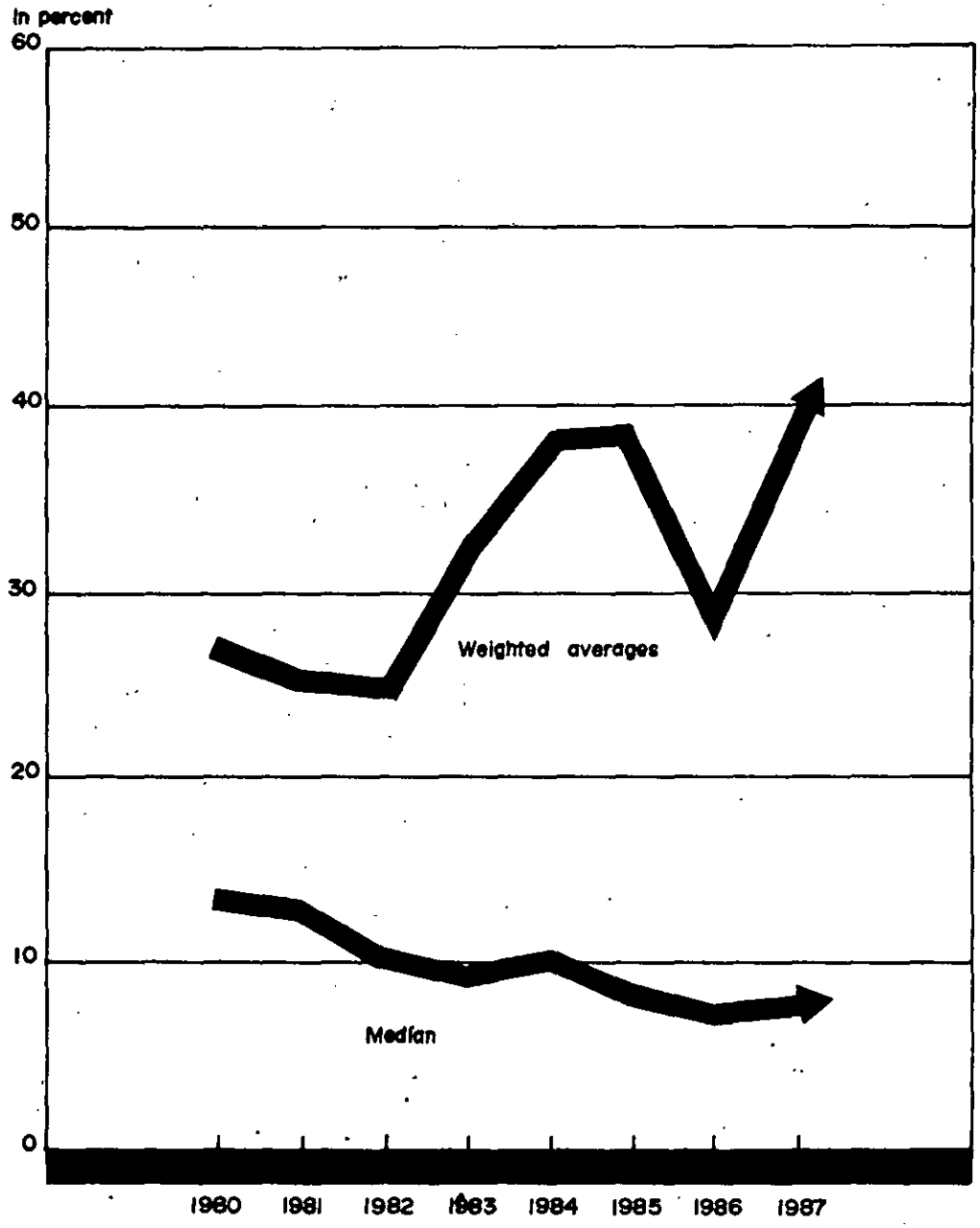


Table 17.3 – GROWTH OF DOMESTIC PRODUCT 1975–

Region	Year	GROSS DOMESTIC PRODUCT Total	Per capita	Agriculture
ISIC-CIT(REV.)		1-9		1
Market Economies	1975-80	3.7	1.7	1.4
	1980-85	2.3	0.4	2.5
Developed Market Economies	1975-80	3.4	2.6	1.1
	1980-85	2.4	1.8	2.2
Developing Market Economies	1975-80	4.8	2.3	1.7
	1980-85	2.0	-0.3	2.7
Africa	1975-80	3.6	0.5	-0.2
	1980-85	1.1	-1.8	1.5
Africa ex. S. Africa	1975-80	3.8	0.8	-0.4
	1980-85	1.2	-1.7	1.8
North America	1975-80	3.5	2.4	0.6
	1980-85	3.0	2.0	2.4
Carib, Latin America	1975-80	5.0	2.6	3.3
	1980-85	0.5	-1.8	2.2
Asia, Middle East	1975-80	3.8	0.9	2.8
	1980-85	2.3	-0.5	3.7
Asia, E & SE	1975-80	5.8	3.9	2.6
	1980-85	5.2	3.5	5.7
Asia, E. & SE ex Japan	1975-80	6.8	4.8	3.5
	1980-85	7.0	5.1	6.2
Europe	1975-80	3.2	2.6	1.7
	1980-85	2.2	1.7	2.3
EEC-CEE	1975-80	3.0	2.8	2.5
	1980-85	1.3	1.2	2.5
Other Europe	1975-80	2.7	2.0	2.0
	1980-85	1.7	1.1	1.6
Oceania	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					
Total	Manufacturing	Construction	Wholesale & Retail Trade	Transport & Communication	Other
2-4	3	5	6	7	8-9
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	***	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 EXPENDITURES: 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
Market Economics	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
Developed Market Economics	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
Developing Market Economics	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
Africa	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
Africa ex. S. Africa	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
North America	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
Carib, Latin America	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
Asia, Middle East	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
Asia. E & SE	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
Asia. E & SE ex Jap	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
Europe	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
EEC-CEE	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
Other Europe	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
Oceania	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 General Index of Agricultural Products, 1981 to 1989 (1979-1981 = 100)

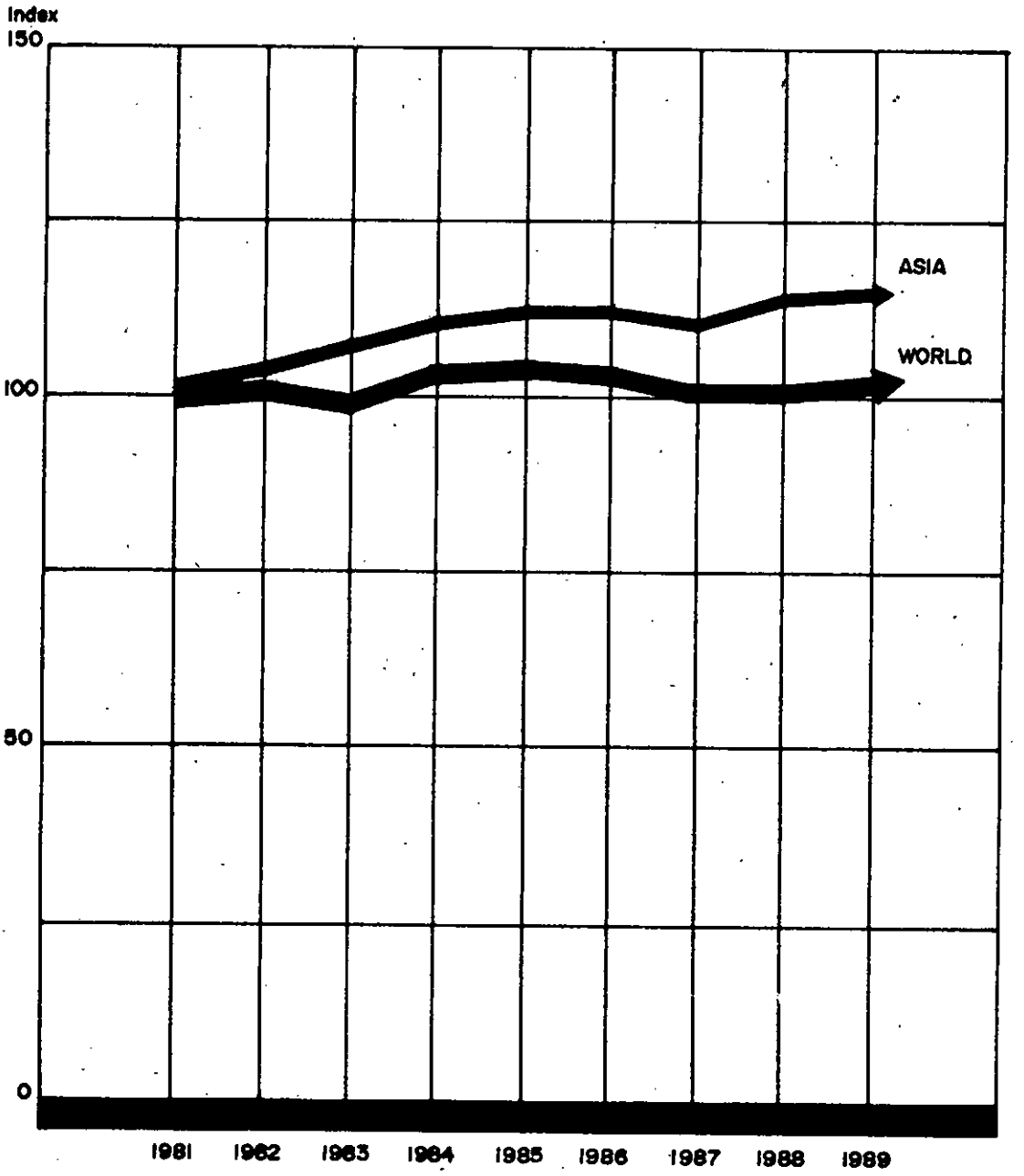


Table 17.5 – INDEX NUMBERS OF FOOD AND (1975–81

Regions	1975	1978	1979
			A. Food
World	89	98	98
Developed market economies	90	96	99
North America	88	95	99
Western Europe	91	95	98
Oceania	92	109	105
Other developed market economies	95	99	100
Developing market economies	87	96	96
Africa	95	96	97
Latin America	85	95	97
Near East	87	95	96
Far East	87	97	95
Other developing market economies	88	94	98
Centrally planned economies	90	102	100
Asia	85	93	98
Europe and USSR	96	111	103
			B. Total Agricultural
World	89	98	98
Developed market economies	90	96	99
North America	88	94	99
Western Europe	91	95	98
Oceania	93	106	103
Other developed market economies	96	100	100
Developing market economies	88	97	96
Africa	95	96	97
Latin America	85	95	97
Near East	88	97	96
Far East	86	97	95
Other developing market economies	87	94	98
Centrally planned economies	90	102	100
Asia	85	93	98
Europe and USSR	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
= 100)

1980	1981	1982	1983	1984	1985	1986
Production						
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
Production						
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 1987 [1] *(In percent)*

	Average 1970-79 [2]	1980	1981	1982	1983	1984	1985	1986	4th Quarter [3] 1985	4th Quarter [3] 1986	4th Quarter [3] 1987
Real GNP											
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	3.3	1.4	1.5	(0.3)	2.8	5.0	3.3	2.7	3.3	2.2	4.4
of which,											
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
GNP deflator											
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	8.1	9.3	8.8	7.2	5.0	4.2	3.7	3.4	2.9	3.2	2.7
of which,											
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	From Preceding Year							
	1970–87	1980	1981	1982	1983	1984	1985	1986	1987
Weighted averages									
Developing countries by region	18.1	27.3	25.9	25.4	33.0	38.6	38.9	29.8	40.0
Africa	12.7	16.2	21.2	13.1	18.9	20.4	13.2	15.3	15.8
Sub-Saharan Africa	15.6	24.8	30.3	18.8	29.1	22.3	19.1	23.6	25.7
Asia	9.5	13.1	10.5	6.4	6.6	7.3	7.1	7.8	8.8
Europe	12.3	31.8	23.6	33.1	22.8	25.4	25.4	24.8	30.3
Middle East	11.6	16.8	15.2	12.7	12.2	14.8	12.2	11.4	14.7
Western Hemisphere	34.8	58.3	60.7	66.8	108.6	131.8	143.5	88.3	131.2
Median									
Developing countries by region	10.0	14.6	13.1	10.6	9.9	10.4	8.7	7.8	8.1
Africa	10.0	12.5	13.1	12.9	10.9	11.5	10.5	9.1	8.1
Sub-Saharan Africa	10.3	13.3	12.7	13.1	11.2	11.4	10.5	9.4	8.1
Asia	7.8	13.9	12.5	7.6	8.7	7.0	4.8	5.5	5.5
Europe	8.5	15.8	20.0	21.0	20.2	15.0	15.1	11.7	9.4
Middle East	10.6	10.5	8.8	9.1	5.2	6.4	4.7	10.0	9.0
Western Hemisphere	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
Afganishtan	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 frances	322.750
Nigeria	naira	3.317
Norway	kroner	7.400
Oman 3	rials Omani	0.384
Pakistan 2	rupees	17.250
Panama	balboas	1.000
Papua New Guinea	kina	0.961
Paraguay	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
Samoa	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
Somalia	shillings	90.500
South Africa	rand	2.183
Spain	pesetas	132.395
Sir Lanka	rupees	28.520
Sudan	pounds	2.500
Suriname	guilders	1.785
Swaziland	emalangeni	2.183
Sweden	kronor	6.819
Switzerland	francs	1.623
Syrian Arab Rep. [4]	pounds	3.925
Thailand	baht	26.130
Togo	CFA francs	322.750
Tonga	pa'anga	1.504
Trinidad & Tobago	dollars	3.600
Tunisia	dinars	0.840
Turkey	liras	757.790
Uganda	new shillings	14.000
USSR [6]	roubles	0.684
United Arab Emirates	dirhams	3.671
United Kingdom	pounds	0.678
United Rep. Tanzania	shillings	51.719
United States	dollars	1.000
Uruguay [1]	new pesos	181.000
Vanuatu	vatu	116.240
Venezuela [1]	bolivares	14.500
Viet Nam	dong	15.000
Yemen	rials	...
Yugoslavia	new dinars	457.180
Zaire	zaire	71.100
Zambia	kwacha	12.710
Zimbabwe	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 trade [2]									
Volume	6.5	1.4	1.2	(1.8)	3.0	8.9	3.0	4.8	5.7
Unit value (in U.S. dollar terms)	12.4	19.8	(1.6)	(4.6)	(4.8)	(2.6)	(2.0)	4.5	10.1
(in SDR terms)	9.5	19.0	8.6	1.9	(1.7)	1.6	(1.1)	(9.5)	(0.1)
Volume of trade									
Exports									
Industrial countries	6.6	4.2	3.8	(2.1)	3.0	9.9	4.7	2.7	5.0
Developing countries	4.9	(3.9)	(5.6)	(7.1)	3.2	7.5	1.1	10.9	8.6
Fuel exporters	2.6	(13.2)	(14.9)	(16.6)	(3.7)	0.8	(5.7)	13.8	(0.5)
Non-fuel exporters	7.1	8.8	6.2	2.9	8.6	12.2	5.4	9.9	12.1
Imports									
Industrial countries	6.5	(1.5)	(1.7)	(0.6)	4.7	12.5	4.7	8.8	6.7
Developing countries	8.4	8.0	8.5	(2.5)	(2.3)	3.3	(0.3)	(3.9)	4.4
Fuel exporters	13.7	13.5	19.1	(1.4)	(10.4)	(6.1)	(10.9)	(21.9)	(11.1)
Non-fuel exporters	6.8	5.9	4.0	(3.0)	1.9	7.6	4.0	3.0	8.9
Unit value of trade (in SDR terms) [3]									
Exports									
Industrial countries	8.5	11.9	5.5	2.7	(0.8)	1.2	(0.3)	(1.8)	0.7
Developing countries	14.3	36.2	15.0	1.5	(4.6)	3.2	(4.3)	(27.3)	1.1
Fuel exporters	23.5	62.0	22.9	3.7	(8.6)	2.6	(3.6)	(49.9)	11.0
Non-fuel exporters	7.9	12.0	6.4	(0.7)	(1.2)	3.7	(4.7)	(14.5)	(2.2)
Imports									
Industrial countries	9.4	20.7	7.3	0.8	(2.2)	0.9	(1.0)	(10.1)	0.1
Developing countries	9.0	16.4	10.8	1.5	(1.1)	1.3	(2.2)	(9.7)	(1.9)
Fuel exporters	8.4	12.1	10.4	3.1	-	1.9	(1.1)	(2.4)	(1.2)
Non-fuel exporters	9.2	18.2	11.0	0.8	(1.7)	1.1	(2.7)	(12.3)	(2.1)
Terms of trade									
Industrial countries	(0.8)	(7.3)	(1.7)	1.9	1.5	0.2	0.6	9.1	0.6
Developing countries	4.8	17.0	3.8	-	(3.5)	1.9	(2.1)	(19.4)	3.1
Fuel exporters	13.9	44.4	11.4	0.6	(8.6)	0.7	(2.5)	(48.7)	12.3
Non-fuel exporters	1.2	(5.1)	(4.2)	(1.5)	0.6	2.6	(2.1)	(2.6)	-0.2
Memorandum									
World trade prices (in U.S. dollar terms) for major commodity groups									
Manufactures	10.6	10.4	(3.9)	(2.1)	(2.8)	(3.0)	1.1	17.9	12.3
Oil	29.1	63.5	9.9	(4.3)	(11.9)	(2.1)	(5.0)	(50.2)	28.4
Non-oil primary commodities	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 contries 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.

Table 17.10 – 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	...	...	...	...	...	...	...	...

[1] Average for the fiscal year ending June 30.
[2] Average for the fiscal year beginning April 1.
[3] Peninsular Malaysia only.

Sources: Key Indicators of Developing Member Countries of ADB, Volume XX, July 1989.

Table 17.11 – INTERNATIONAL RESERVES

Country	1976	1977	1978	1979	1980	1981
Afghanistan, Rep. of	256	431	605	935	940	658
Bangladesh	289	242	321	414	331	160
Bhutan	...	...	11	16	27	31
Cambodia	...	...	...	...	...	...
China, People's Rep. of	...	4,456	4,450	8,708	10,091	10,106
Cook Islands	...	...	...	...	...	...
Fiji	116	148	137	142	174	139
Hong Kong	...	...	...	...	...	...
India	3,729	6,086	8,316	11,815	12,010	8,109
Indonesia	1,505	2,537	2,677	4,205	6,803	6,248
Kiribati	43	55	72	74	80	75
Korea, Rep. of	1,985	2,991	2,826	3,110	3,101	2,802
Lao PDR	12	8	22	26	14	13
Malaysia	2,628	3,071	3,670	5,006	5,755	5,024
Maldives	...	0	1	1	1	1
Myanmar	...	141	150	332	409	329
Nepal	146	161	178	235	272	262
Pakistan	684	716	796	1,144	1,568	1,455
Papua New Guinea	257	431	415	531	458	421
Philippines	1,740	1,653	2,105	3,121	3,978	2,725
Singapore	3,364	3,858	5,303	5,819	6,567	7,549
Solomon Islands	...	3	29	37	30	22
Sri Lanka	92	293	407	549	283	352
Taipei, China	...	1,743	1,951	2,627	4,084	8,530
Thailand	2,113	2,208	2,557	3,100	3,026	2,721
Tonga	6	8	12	12	16	16
Vanuatu	...	...	...	...	...	8
Vietnam	...	...	...	...	...	...
Western Samoa	5	9	5	5	3	3
TOTAL (Reporting)	20,931	31,249	37,016	51,964	60,021	57,759

Source: Asian Development Bank (ADB).

INCLUDING GOLD: 1976 to 1989

1982	1983	1984	1985	1986	1987	1988	1989
699	582	526	611	636	747	657	...
209	546	408	356	435	876	1,076	532
35	40	45	51	63	89	97	...
...	...	...	...	...	...	...	...
17,152	19,832	21,281	16,881	16,417	22,453	23,751	23,053
...	...	...	...	...	...	...	...
132	120	121	134	175	133	234	212
...	...	...	...	...	...	...	...
8,242	8,216	8,536	9,493	10,481	11,512	9,186	8,049
4,562	4,902	5,730	5,989	5,264	7,095	6,321	6,699
80	87	74	94	...	...	...	...
2,946	2,463	2,849	2,972	3,444	3,739	12,478	15,342
8	19	11	25	32	21	16	29
4,833	4,673	4,441	5,677	6,942	8,573	7,491	8,733
8	5	5	5	7	8	22	25
219	185	139	116	131	149	180	364
268	191	129	105	146	251	283	276
1,813	2,683	1,610	1,429	1,465	1,441	1,193	1,303
481	464	455	463	450	467	419	410
1,741	857	844	1,098	2,611	2,312	2,169	2,398
8,480	9,264	10,416	12,847	12,939	15,227	17,073	20,345
37	47	45	36	30	37	40	26
380	321	530	472	378	309	248	269
10,243	13,047	17,040	24,195	48,489	80,460	79,430	78,652
2,674	2,556	2,688	3,003	3,776	5,206	7,113	10,508
16	14	14	18	18	27	28	26
6	7	8	11	21	40	41	35
...	...	...	...	...	...	...	...
3	7	11	14	24	37	49	55
65,267	71,128	77,956	86,095	114,374	161,209	169,595	177,341

Table 17.12 – INTERNATIONAL RESERVES

Country	1976	1977	1978	1979	1980	1981
Afghanistan	131	276	391	441	371	274
Bangladesh	289	233	315	386	300	138
Bhutan	...	...	11	16	27	31
Cambodia	...	...	...	...	...	...
China, People's Rep. of	...	2,345	1,557	2,154	2,545	5,058
Cook Islands	...	...	...	...	...	...
Fiji	116	147	135	136	168	135
Hong Kong	...	...	...	...	...	...
India	2,792	4,872	6,426	7,432	6,944	4,693
Indonesia	1,497	2,509	2,626	4,062	5,392	5,014
Kiribati	43	55	72	74	80	75
Korea, Rep. of	1,970	2,967	2,764	2,959	2,925	2,682
Lao PDR	12	8	22	26	14	13
Malaysia	2,404	2,784	3,243	3,915	4,387	4,098
Maldives	...	0	1	1	1	1
Myanmar	...	103	96	203	261	229
Nepal	128	140	145	159	183	202
Pakistan	466	449	408	213	496	721
Papua New Guinea	257	427	405	504	423	396
Philippines	1,597	1,479	1,763	2,250	2,846	2,066
Singapore	3,364	3,858	5,303	5,819	6,567	7,549
Solomon Islands	...	3	29	37	30	22
Sri Lanka	92	293	398	517	246	327
Taipei, China	...	1,345	1,406	1,392	2,205	7,235
Thailand	1,798	1,813	2,009	1,843	1,560	1,732
Tonga	6	8	12	12	16	16
Vanuatu	...	...	...	...	...	8
Vietnam	...	...	...	...	...	...
Western Samoa	5	9	5	5	3	3
TOTAL (Reporting)	18,601	26,123	29,542	34,556	37,990	42,718

Source: Asian Development Bank (ADB).

EXCLUDING GOLD: 1976 to 1989

1982	1983	1984	1985	1986	1987	1988	1989
258	214	229	295	259	280	261	...
183	524	390	337	409	843	1,046	502
35	40	45	51	63	89	97	...
...	...	...	...	...	...	...	...
11,349	14,987	17,366	12,728	11,453	16,305	18,541	17,960
...	...	...	...	...	...	...	...
127	116	117	131	171	132	233	212
...	...	...	...	...	...	...	...
4,315	4,937	5,842	6,420	6,396	6,454	4,899	3,859
3,144	3,718	4,773	4,974	4,051	5,592	5,048	5,454
80	87	74	94	...	...	...	...
2,807	2,347	2,754	2,869	3,320	3,584	12,347	15,214
8	19	11	25	32	21	16	29
3,768	3,784	3,723	4,912	6,027	7,435	6,527	7,783
8	5	5	5	7	8	22	25
104	89	62	34	33	27	77	263
199	133	82	56	87	178	220	215
969	1,973	1,035	807	709	502	395	521
453	440	435	443	425	437	393	384
888	747	602	615	1,728	968	1,003	1,417
8,480	9,264	10,416	12,847	12,939	15,227	17,073	20,345
37	47	45	36	30	37	40	26
351	297	511	451	353	279	222	244
8,532	11,859	15,664	22,556	46,310	76,748	73,897	73,224
1,538	1,607	1,921	2,190	2,804	4,007	6,097	9,515
16	14	14	18	18	27	28	26
6	7	8	11	21	40	41	35
...	...	...	...	...	...	...	...
3	7	11	14	24	37	49	55
47,658	57,262	66,135	72,919	97,669	139,257	148,572	157,308

Table 17.13 – 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	119.0	150.0	169.0	219.0
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
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
Hong Kong	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	149.7
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	77.8	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	90.4	93.6	100.0	109.7	116.0	120.3	124.6
Maldives	...	...	...	...	...	...	...	...	...
Myanmar	...	100.1	94.1	99.4	100.0	101.1	105.4	111.3	116.7
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	206.0
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	70.6	74.5	81.7	100.0	114.8	127.2	139.7	143.3
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 Period averages for the fiscal year beginning 21 March.
b Average for QI–III only.
c Period averages for the fiscal year ending 30 June.
d Per cent change for QI–III only.
e Period averages for the fiscal yar ending 15 July.

Sources: Country sources.

DEVELOPING COUNTRIES OF ASIA AND
1976 to 1989
= 100)

					Annual Change (%)						
1985	1986	1987	1988	1989	75-79	80-84	1985	1986	1987	1988	1989
229.0	268.0	317.0	422.0	613.0	10.8	3.3	9.1	8.4	...	33.1	...
172.3	192.4	210.3	230.9	257.2	8.6	11.4	11.8	8.9	11.4	9.8	11.4
155.9	171.5	182.4	200.8	...	...	9.9	1.9	10.0	6.4	10.1	...
...	...	...	...	...	...	...	...	...	...	...	...
122.6	131.2	142.8	172.3	...	1.4	3.3	11.9	7.0	8.8	20.7	...
184.8	203.2	225.2	243.8	...	16.8	13.4	12.6	10.0	10.8	8.3	...
139.6	142.1	150.2	167.9	177.7	9.1	8.9	4.4	1.8	5.7	11.8	5.8
154.6	159.0	167.8	180.2	198.5	5.9	11.7	3.2	2.9	5.5	7.4	10.1
155.9	169.5	184.4	98.7 b	208.3	3.2	10.5	5.6	8.7	8.8	9.4 d	4.8
155.7	168.8	184.6	192.9	200.9	15.7	11.1	4.9	5.5	9.0	4.5	4.2
133.1	141.8	151.0	155.7	...	9.3	8.2	4.5	6.5	6.5	3.1	...
141.2	145.1	149.9	160.2	169.1	16.9	12.6	2.5	2.7	3.3	6.9	5.6
577.6	...	...	...	...	...	42.1	65.3	...	...	...	...
125.1	125.8	126.8	130.0	133.7	4.1	6.0	0.3	0.7	1.1	2.5	2.8
...	...	...	...	...	...	...	...	...	...	...	...
124.6	136.1	168.7	197.1	250.7						16.9	27.2
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	187.9	10.5	9.8	5.8	3.7	3.6	6.3	10.4
138.2	147.8	153.5	162.9	168.0	7.2	8.6	2.9	6.9	3.4	6.2	3.1
248.7	261.8	279.5	307.6	337.2	9.5	20.4	20.7	5.3	6.7	10.1	9.6
117.3	115.7	116.3	118.1	120.9	2.5	4.9	0.5	1.4	0.5	1.6	2.4
164.9	187.3	207.9	242.7	76.7 b	6.8	12.1	9.6	13.6	...	16.7	...
176.4	190.4	205.2	233.8	260.9	6.4	17.1	1.5	8.0	7.7	14.0	11.6
121.1	122.0	122.6	124.1	129.6	6.1	7.9	0.2	0.7	0.5	1.3	4.4
128.4	130.7	134.1	139.1	147.9	7.3	8.6	3.2	1.7	2.6	3.7	6.3
163.6	203.6	213.0	234.2	243.7	10.0	11.6	19.6	21.7	4.6	10.0	4.0
146.7	153.7	176.4	191.5	...	5.5	10.4	1.1	4.8	14.8	8.5	...
...	...	...	...	...	...	...	...	...	...	...	...
202.6	214.3	224.1	243.6	254.5	8.3	20.0	9.1	5.7	4.6	8.7	4.5

Table 17.14 – MERCHANDISE IMPORTS, C.I.F., OF ASIA AND THE PACIFIC:

(In million

Country	1975	1976	1977	1978	1979	1980	1981
Afghanistan	350	261	328	395	425	841	886
Bangladesh	1,321	952	1,163	1,513	1,908	2,599	2,699
Bhutan	...	...	...	...	...	50	68
Cambodia	...	...	...	...	...	...	...
China, Rep. of	7,926	6,660	7,148	11,131	15,621	19,941	21,635
Cook Islands	13	13	17	19	23	23	25
Fiji	268	264	307	355	470	562	631
Hongkong	6,766	8,838	10,446	13,394	17,127	22,447	24,797
India	6,381	5,665	6,647	7,865	9,827	14,864	15,418
Indonesia	4,770	5,673	6,230	6,690	7,202	10,834	13,272
Kiribati	12	12	13	17	18	21	26
Korea, Rep. of	7,274	8,774	10,811	14,972	20,339	22,292	26,131
Lao PDR	42	46	58	74	70	92	110
Malaysia	3,566	3,824	4,542	5,928	7,849	10,820	11,581
Maldives	7	6	10	14	21	29	31
Myanmar	...	...	241	307	319	353	373
Nepal	171	163	168	221	254	342	369
Pakistan	2,158	2,181	2,446	3,285	4,056	5,350	5,631
Papua New Guinea	556	502	642	770	903	1,176	1,261
Philippines	3,756	3,942	4,270	5,144	6,612	8,295	8,479
Singapore	8,134	9,070	10,471	13,061	17,643	24,007	27,572
Solomon Islands	33	30	33	42	70	89	91
Sri Lanka	757	585	700	969	1,466	2,037	1,849
Taipei, China	5,961	7,605	8,521	11,022	14,783	19,753	21,132
Thailand	3,280	3,572	4,617	5,356	7,158	9,214	9,955
Tonga	20	16	20	26	29	35	40
Vanuatu	40	39	52	63	73	73	58
Vietnam	1,102	1,171	1,372	1,485	1,599	1,296	1,398
Western Samoa	37	30	41	52	74	62	56
(A) TOTAL (Reporting)	64,955	69,894	81,314	104,170	135,939	177,497	195,574
(B) TOTAL WORLD	837,800	947,600	1,085,800	1,259,300	1,582,100	1,945,100	1,930,000
(A)/(B) %	7.8	7.4	7.5	8.3	8.6	9.1	10.1

a Data expressed in national currency were converted to US dollars.
b Fifteen months figures have been converted by the Royal Monetary Authority into 12 months figures.
c Data expressed in antional currency were converted to US dollars. Data refer to imports, fob
d Data expressed in national currency were converted to US dollars using end od conversion rate.

Sources: Country sources for Bhutan, Cook Islands, Kiribati, Lao PDR, Maldives, Taipei, China and Tonga
IMF, IFS, April 1990.
IMF, IFS Yearbook 1989.

OF SELECTED DEVELOPING COUNTRIES
1975 to 1989
US dollars)

1982	1983	1984	1985	1986	1987	1988	1989
962	1,064	1,390	1,194	1,404	996	900	...
2,307	2,165	2,825	2,772	2,486	2,680	3,046	...
68	72	73	84	96	110	81	112
...	...	...	...	...	...	...	
18,900	21,336	25,950	42,526	43,172	43,392	55,278	...
20	23	21	25	26	34	42	50
509	484	450	442	437	380	454	615
23,575	24,017	28,568	29,705	35,367	48,465	63,896	72,155
14,786	14,061	14,361	16,075	15,406	16,724	19,168	...
16,859	16,352	13,882	10,259	10,718	12,891	13,249	...
23	18	18	15	14	18	22	...
24,251	26,192	30,631	31,136	31,584	41,020	51,811	61,300
132	150	162	193	186	216	188	219
12,395	13,198	14,069	12,301	10,823	12,701	16,551	...
43	57	53	53	64	87	106	...
409	268	239	283	304	268	244	...
395	464	416	453	459	570	681	...
5,465	5,329	5,853	5,890	5,374	5,822	6,590	...
1,170	1,120	1,110	1,008	1,080	1,220	1,393	1,530
8,263	7,976	6,432	5,459	5,394	7,144	8,721	...
28,167	28,158	28,667	26,285	25,511	32,559	43,864	...
71	74	79	83	72	81	117	...
1,831	1,820	1,867	1,843	1,857	2,058	2,262	...
18,815	20,319	21,994	20,121	24,219	34,954	49,750	52,479
8,549	10,287	10,398	9,242	9,177	12,925	20,285	...
42	38	31	41	40	48	56	52
59	63	67	70	58	68	...	...
1,438	1,310	1,560	1,550	2,155	2,192	2,547	3,056
50	48	50	51	47	62	76	...
189,554	196,463	211,216	219,159	227,530	279,685	361,378	191,568
1,803,000	1,748,300	1,842,800	1,878,300	2,056,100	2,408,000	2,787,300	...
10.5	11.2	11.3	11.7	11.1	11.6	...	...

Table 17.15 – MERCHANDISE EXPORTS, F.O.B., OF ASIA AND THE PACIFIC:

(In million

Country	1975	1976	1977	1978	1979	1980	1981
Afghanistan	217	291	306	321	474	670	694
Bangladesh	327	401	476	548	659	793	791
Bhutan	...	...	...	...	...	17	20
Cambodia	19	...	...	...	...	...	...
China, Rep. of	7,689	6,943	7,520	9,955	13,614	18,099	21,465
Cook Islands	3	2	2	3	3	3	4
Fiji	170	135	180	198	257	377	311
Hongkong	6,027	8,484	9,616	11,453	15,140	19,752	21,827
India	4,355	5,549	6,378	6,671	7,806	8,586	8,295
Indonesia	7,102	8,547	10,853	11,643	15,591	21,909	22,260
Kiribati	36	22	20	25	25	3	4
Korea, Rep. of	5,081	7,715	10,047	12,711	15,055	17,505	21,254
Lao PDR	3	7	9	8	19	28	23
Malaysia	3,843	5,295	6,079	7,413	11,077	12,958	11,765
Maldives	3	3	3	4	5	8	9
Myanmar	...	...	214	242	383	472	462
Nepal	100	98	81	91	109	80	140
Pakistan	1,052	1,167	1,188	1,475	2,056	2,618	2,883
Papua New Guinea	441	551	683	714	883	1,031	838
Philippines	2,294	2,555	3,127	3,401	4,567	5,741	5,655
Singapore	5,376	6,585	8,241	10,134	14,240	19,376	20,967
Solomon Islands	15	24	33	38	68	73	66
Sri Lanka	569	572	753	845	982	1,067	1,094
Taipei, China	5,303	8,155	9,345	12,641	16,070	19,775	22,522
Thailand	2,208	2,980	3,490	4,085	5,298	6,505	7,031
Tonga	6	4	7	6	8	8	9
Vanuatu	11	17	37	42	47	36	32
Vietnam	229	402	594	648	587	537	467
Western Samoa	7	7	15	11	18	17	11
(A) TOTAL (Reporting)	52,486	66,511	79,297	95,326	125,041	158,044	170,899
(B) TOTAL WORLD	821,900	933,500	1,068,300	1,235,500	1,576,700	1,897,600	1,865,100
(A)/(B) %	6.4	7.1	7.4	7.7	7.9	8.3	9.2

a Converted from national currency to US dollars.

b Fifteen months figures have been converted by the Royal Monetary Authority into 12 months figures.

c Converted from national currency to US dollars. Exports to Nauru prior to 1985 are excluded.

d Converted from national currency to US dollars. Includes value of trade of Gilbert Islands only. Since 1979, Gilbert Islands has been officially known as Kiribati. Domestic export earnings beginning 1980 declined significally due to the exhaustion of phosphate in Banabas Islands.

e Converted to national currency to US dollars using end of period conversion rate.

Sources: Country sources for Bhutan, Cook Islands, Kiribati, Lao PDR, Taipei, China and Tonga. IMF, IFS, April 1990. IMF, IFS Yearbook 1989.

OF SELECTED DEVELOPING COUNTRIES
1975 to 1989
US dollars)

1982	1983	1984	1985	1986	1987	1988	1989
708	729	633	557	552	512	433	...
769	724	931	999	887	1,067	1,291	1,305
17	16	18	22	34	61	51	66
...	...	...	...	...	...	...	...
21,872	22,177	24,831	27,327	31,148	39,542	47,540	...
4	3	4	3	5	7	4	3
284	240	256	237	274	299	312	370
21,006	21,959	28,323	30,184	35,439	48,476	63,163	73,140
9,358	9,148	9,916	9,214	9,499	11,375	13,313	...
22,293	21,152	21,902	18,590	16,075	17,135	19,465	...
2	4	11	4	2	2	5	...
21,853	24,445	29,245	30,283	34,715	47,281	60,697	62,331
40	41	44	54	55	62	63	57
12,031	14,130	16,590	15,442	13,753	17,939	21,110	...
10	13	18	23	25	31	39	...
391	378	301	303	288	219	147	...
88	94	128	160	142	151	190	...
2,397	3,077	2,558	2,740	3,384	4,172	4,522	...
771	813	892	912	1,033	1,161	1,416	1,278
4,968	4,890	5,274	4,607	4,770	5,649	7,032	...
20,787	21,833	24,070	22,812	22,495	28,687	39,306	...
58	62	93	70	66	64	82	75
1,030	1,066	1,451	1,293	1,215	1,368	1,479	66,089
22,091	25,097	30,427	30,691	39,759	53,559	60,495	...
6,945	6,368	7,413	7,120	8,794	11,654	15,830	9
4	6	7	5	6	7	7	...
23	30	44	30	14	17	...	1,502
595	588	665	750	789	866	1,078	...
13	18	20	16	11	12	15	
170,408	179,101	206,065	204,448	225,229	291,375	359,085	206,225
1,733,500	1,681,900	1,783,500	1,808,100	1,990,600	2,342,100	2,694,100	...
9.8	10.6	11.6	11.3	11.3	12.4	13.3	...

Table 17.16 – IMPORTS OF PETROLEUM AND PETROLEUM PRODUCTS OF DEVELOPING COUNTRIES OF ASIA AND THE PACIFIC: 1977 to 1989
(In million US dollars)

Country	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Afghanistan	49	65	65	124	99	164	...	...	...	...	...	...
Bangladesh	167	140	162	187	180	409	396	346	212	242	200	...
Bhutan	...	...	...	...	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...	...	...	...	...
China, Rep. of	...	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	1	2	2	5	2	4	2	3	...	...	...	...
Fiji	56	87	129	162	153	110	96	97	70	80	70	...
Hongkong	646	951	1,536	1,903	1,747	1,389	1,320	1,115	859	926	897	...
India	1,893	3,095	5,500	6,273	5,995	4,672	4,731	4,244	2,290	3,078	2,935	...
Indonesia	583	797	1,754	1,727	3,544	4,144	1,147	979	964	1,079	970	...
Kiribati	2	3	6	4	4	2	3	2	...	...	...	...
Korea, Rep. of	2,312	3,416	6,164	6,918	6,740	6,195	6,395	6,144	3,841	4,569	4,295	...
Lao PDR	7	10	...	...	...	...	...	...	...	...	...	...
Malaysia	635	949	1,633	1,987	1,880	1,827	1,422	1,499	925	945	823	...
Maldives	...	...	...	...	...	10	7	7	...	...	...	...
Myanmar	14	10	36	16	...	...	...	...	...	...	...	...
Nepal	21	19	34	47	43	48	46	50	48	39	48	45
Pakistan	497	530	1,079	1,535	1,677	1,565	1,422	1,366	1,008	803	982	...
Papua New Guinea	...	...	202	270	198	230	200	153	93	150	150	...
Philippines	1,062	1,371	1,929	2,149	2,105	2,123	1,652	1,453	827	1,229	1,051	...
Singapore	3,114	4,448	6,954	9,387	9,566	8,803	7,946	7,736	5,046	5,943	6,168	6,803
Solomon Islands	4	7	12	17	15	16	20	14	12	13	11	...
Sri Lanka	156	254	494	449	587	469	471	404	267	290	233	...
Taipei, China	1,589	4,742	4,452	5,066	4,101	4,121	4,151	3,681	2,042	2,531	2,205	...
Thailand	1,124	1,599	2,868	2,984	2,642	2,481	2,426	2,082	1,225	1,710	1,581	...
Tonga	3	3	5	7	6	6	6	5	4	4	5	5
Vanuatu	...	4	7	6	7	6	6	6	5	6	6	...
Vietnam	...	...	...	...	...	...	...	...	...	...	...	...
Western Samoa	4	7	10	12	7	8	8	6	4	4	5	...
Total (Reporting)	13,939	22,509	35,033	41,235	41,298	38,802	33,873	31,392	19,742	23,641	22,635	6,853

a Data refer to the fiscal year.

Sources: Country sources.

Table 17.17 – GENERAL INDEX OF AGRICULTURAL PRODUCTION: 1976 to 1989 (1979 – 81 = 100)

Country	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Afghanistan	108	98	102	100	99	102	102	102	102	100	95	91	84	...
Bangladesh	87	104	105	100	101	98	99	99	96	99	96	92	90	90
Bhutan	91	99	99	99	100	101	100	102	109	108	111	124	119	121
Cambodia	143	140	126	84	113	103	114	131	141	150	148	142	156	148
China, Rep. of	84	86	95	100	99	101	108	116	120	124	126	131	129	132
Cook Islands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	75	86	86	106	93	101	103	73	108	86	100	77	79	78
Hongkong	142	102	94	106	90	104	75	71	74	87	44	50	73	76
India	90	104	105	98	98	104	100	110	111	111	108	104	114	117
Indonesia	80	88	91	94	101	105	103	108	115	115	122	121	123	126
Kiribati	...	...	...	...	...	...	...	...	...	...	...	...	...	
Korea, Rep. of	99	110	116	114	89	97	100	97	101	101	95	95	97	98
Lao PDR	67	71	77	90	101	109	108	109	119	123	122	116	113	121
Malaysia	89	96	93	98	101	102	106	101	111	119	114	121	125	130
Maldives	93	110	103	92	105	103	103	107	105	104	103	102	...	...
Myanmar	...	92	96	96	99	105	113	115	119	124	122	119	119	120
Nepal	97	96	104	96	102	102	93	106	103	102	92	101	101	97
Pakistan	85	114	94	99	99	102	102	98	101	103	109	108	104	108
Papua New Guinea	90	102	100	99	100	101	101	102	105	105	95	96	97	96
Philippines	88	99	98	98	100	102	99	95	90	88	91	89	89	89
Singapore	102	124	107	97	94	109	86	87	105	94	90	90	76	77
Solomon Islands	69	86	93	100	95	105	102	100	102	100	86	81	83	79
Sri Lanka	80	90	94	100	100	99	97	102	94	99	98	87	89	83
Taipei, China	89	102	104	108	99	93	92	91	98	97	94	95	...	...
Thailand	88	93	100	97	101	102	101	103	104	109	100	98	105	108
Tonga	102	102	98	98	101	101	93	89	89	88	89	86	87	88
Vanuatu	89	110	112	108	89	103	87	91	97	86	89	82	76	76
Vietnam	81	90	93	96	102	103	105	108	112	112	116	116	116	117
Western Samoa	96	102	100	99	101	100	97	95	94	96	101	98	95	99
ASIA	87	95	99	99	100	102	104	108	112	113	113	112	115	116
WORLD	91	98	101	100	99	101	102	100	104	105	104	102	102	103

Sources: FAO, Basic Data Unit, 17 January 1990.

Country	Economically active population (in percent)			Economically active population, in agri./econ. active Pop'n. (in percent)			Cropped land per capita (ha)		
	1970	1980	1985	1970	1980	1985	1970	1980	1985
Afghanistan	30.3	29.9	30.2	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

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

Country	Urban population (in percent)			AGE DISTRI- (%) 0-14			15-64		
	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

BUTION			Expectation of life at birth (years)			Infant mortality (per 1,000 live births)			Persons per hospital bed		
65 & over											
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 17.18 – SELECTED INDICATORS OF SOCIAL DEVELOPMENT: 1970 to 1985 (continued)

Country	Persons per Physician			Population with access to Safe water (%)					
				Urban			Rural		
	1970	1980	1985	1970	1980	1985	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 17.19 – DAILY CAPITA PROTEIN AND CALORIE SUPPLIES FOR SELECTED DEVELOPING COUNTRIES OF ASIA AND 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
Hong Kong	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 17.20 – RICE (PADDY) PRODUCTION OF OF ASIA AND THE

(In thousands

Country	1976	1977	1978	1979	1980	1981
Afghanistan	448	400	428	439	461	475
Bangladesh	17,628	19,451	19,582	19,109	20,821	20,446
Bhutan	52	53	54	55	57	57
Cambodia	1,700	1,800	1,500	850	1,470	1,160
China, Republic of	125,805	128,565	136,930	143,750	139,910	143,955
Cook Islands	...	...	...	...	...	...
Fiji	21	18	16	19	18	17
Hong Kong	3	1	0	0	0	0
India	63,052	79,006	80,608	63,476	80,312	79,883
Indonesia	23,301	23,347	25,781	26,283	29,652	32,774
Kiribati	...	...	...	...	...	...
Korea, Republic of	7,249	8,348	8,532	7,881	5,311	7,149
Lao PDR	661	693	724	867	1,053	1,155
Malaysia	1,995	1,898	1,498	2,095	2,045	2,020
Maldives	...	...	...	...	...	...
Myanmar	...	9,462	10,528	10,448	13,317	14,147
Nepal	2,386	2,282	2,339	2,060	2,464	2,560
Pakistan	4,106	4,424	4,908	4,824	4,685	5,145
Papua New Guinea	2	1	1	1	1	0
Philippines	6,741	7,199	7,515	7,836	7,723	8,122
Singapore	...	...	...	...	...	...
Solomon Islands	4	6	8	10	14	14
Sri Lanka	1,253	1,677	1,890	1,917	2,133	2,229
Taipei, China	3,554	3,470	3,202	3,209	3,083	3,087
Thailand	15,068	13,921	17,470	15,758	17,368	17,774
Tonga	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...
Vietnam	11,866	10,885	10,040	10,758	11,679	12,552
Western Samoa	...	...	...	...	...	...
TOTAL (Reporting)	296,214	316,907	333,554	321,645	343,577	354,721
ASIA	339,910	355,240	342,950	362,420	374,070	374,804
WORLD	371,550	387,080	376,750	399,360	411,570	412,582

Sources: FAO, Basic Data Unit, 17 January 1990.

SELECTED DEVELOPING COUNTRIES
PACIFIC: 1976 to 1989
metric tons)

1982	1983	1984	1985	1986	1987	1988	1989
473	479	480	480	480	344	490	490
21,325	21,761	21,933	22,556	23,110	23,004	23,069	24,002
58	60	66	68	73	84	80	83
1,400	1,700	1,970	2,100	2,000	1,855	2,300	2,100
161,600	168,865	178,255	168,569	172,224	174,420	169,080	175,000
...	...	...	...	...	...	...	...
20	16	22	28	25	23	32	37
0	0	0	0	0	0	0	0
70,772	90,048	87,553	95,818	90,779	84,538	105,637	107,500
33,878	35,303	38,136	39,033	39,727	40,078	41,676	43,206
...	...	...	...	...	...	...	...
7,308	7,608	7,970	7,814	7,625	8,403	8,260	8,100
1,092	1,101	1,321	1,395	1,449	1,207	1,003	1,220
1,884	1,734	1,572	1,849	1,745	1,697	1,669	1,700
...	...	...	...	...	...	...	...
14,373	14,288	14,255	14,317	14,126	13,636	13,553	14,300
1,833	2,757	2,709	2,804	2,372	2,982	3,283	2,870
5,167	5,009	4,973	4,378	5,230	4,761	4,460	550
1	1	1	1	1	1	1	1
7,731	7,841	8,200	9,097	8,958	8,588	9,208	9,400
...	...	...	...	...	...	...	...
11	9	7	6	2	0	0	0
2,156	2,484	2,414	2,661	2,588	2,128	2,466	2,088
3,248	3,231	2,938	2,847	2,566	2,538	2,288	2,403
16,878	19,047	19,905	20,264	18,868	18,042	20,813	21,500
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
14,169	14,732	15,506	15,875	16,003	15,103	16,300	16,500
...	...	...	...	...	...	...	...
365,377	398,074	410,186	411,960	409,952	403,632	425,667	438,000
385,553	418,029	432,457	434,499	432,729	425,485	446,565	460,109
424,352	451,289	469,997	472,681	472,111	465,429	489,825	502,821

Table 17.21 – CORN PRODUCTION OF
OF ASIA AND THE
(In thousand

Country	1976	1977	1978	1979	1980	1981
Afghanistan	800	760	780	760	797	798
Bangladesh	2	2	2	2	1	1
Bhutan	72	73	75	76	78	81
Cambodia	75	80	80	70	100	98
China, Republic of	48,150	49,400	55,950	60,040	62,600	59,210
Cook Islands	...	...	...	...	...	...
Fiji	1	0	1	1	1	1
Hong Kong	...	...	...	...	...	...
India	6,361	5,973	6,199	5,603	6,957	6,897
Indonesia	2,572	3,143	4,029	3,606	3,991	4,509
Kiribati	...	...	...	...	...	...
Korea, Republic of	70	83	100	149	154	145
Lao PDR	30	35	30	32	28	33
Malaysia	26	18	12	8	8	8
Maldives	0	0	0	0	0	0
Myanmar	...	75	77	126	166	206
Nepal	797	740	743	576	743	752
Pakistan	764	821	799	875	970	930
Papua New Guinea	0	1	1	1	2	1
Philippines	2,775	2,796	3,065	3,123	3,110	3,290
Singapore	...	...	...	...	...	...
Solomon Islands	...	...	...	...	...	...
Sri Lanka	29	19	20	22	23	24
Taipei, China	114	95	107	98	115	96
Thailand	2,675	1,677	2,791	2,863	2,998	3,449
Tonga	...	...	...	...	...	...
Vanuatu	1	1	1	1	1	1
Vietnam	382	408	485	475	418	416
Western Samoa	...	...	...	...	...	...
TOTAL (Reporting)	65,754	66,200	75,347	78,507	83,261	80,946
ASIA	69,041	69,594	78,914	81,965	86,949	84,609
WORLD	350,340	370,230	394,639	419,656	396,026	450,418

Sources. FAO, Basic Data Unit 17 January 1990.

SELECTED DEVELOPING COUNTRIES
PACIFIC: 1976 to 1989
metric tons)

1982	1983	1984	1985	1986	1987	1988	1989
800	798	799	810	810	815	839	900
1	1	1	3	3	3	3	3
81	83	80	76	74	85	81	81
46	80	90	92	98	95	100	115
60,560	68,210	73,410	63,826	70,856	79,150	77,350	76,000
...	...	...	...	...	...	...	...
1	2	2	2	2	2	1	1
...	...	...	...	...	...	...	...
6,548	7,922	8,442	6,644	7,593	5,629	8,111	7,800
3,235	5,087	5,288	4,330	5,920	5,155	6,652	6,360
...	...	...	...	...	...	...	...
117	101	133	132	113	127	106	118
35	32	34	36	42	36	51	47
9	20	22	24	26	30	31	34
0	0	0	0	0	0	0	0
239	310	303	299	285	224	259	270
718	761	820	874	868	902	1,072	900
1,005	1,014	1,028	1,009	1,111	1,127	1,130	1,120
1	1	1	1	1	1	1	1
3,126	3,346	3,250	3,863	4,091	4,278	4,428	4,500
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
24	29	38	30	41	42	43	45
118	143	190	226	272	307	321	340
3,002	3,552	4,226	4,934	4,309	2,781	4,675	4,460
...	...	...	...	...	...	...	...
1	1	1	1	1	1	1	1
437	467	525	587	570	561	580	600
...	...	...	...	...	...	...	...
80,104	91,960	98,682	87,798	97,086	101,349	105,724	103,697
84,000	96,155	103,000	92,630	102,406	106,788	110,998	108,946
450,332	347,922	452,928	488,753	485,010	457,213	408,805	472,933

Table 17.22 – MANUFACTURING PRODUCTION INDEX OF ASIA AND THE 1980

Country	1976	1977	1978	1979	1980	1981	1982	1983
Afghanistan	...	...	...	...	...	...	...	...
Bangladesh	80	86	95	100	100	108	108	103
Bhutan	...	...	...	...	...	...	...	...
Cambodia	...	...	...	...	...	...	...	...
China, Rep. of	...	83	94	100	100	92	106	125
Cook Islands	...	...	...	...	...	...	...	...
Fiji	80	88	92	91	100	110	109	97
Hongkong	...	...	...	...	...	...	...	...
India	88	92	99	99	100	108	109	116
Indonesia	56	75	75	81	100	110	110	118
Kiribati	...	...	...	...	...	...	...	...
Korea, Rep. of	61	73	91	102	100	113	120	139
Lao PDR	...	...	...	...	...	...	...	...
Malaysia	71	78	85	92	100	103	109	116
Maldives	...	...	...	...	...	...	...	...
Myanmar	...	88	90	93	100	107	112	116
Nepal	76	87	97	94	100	100	112	134
Pakistan	76	76	83	89	100	111	129	137
Papua New Guinea	...	...	...	...	...	...	...	...
Philippines	59	...	63	79	100	116	131	153
Singapore	64	69	77	89	100	110	104	106
Solomon Islands	...	...	...	...	...	...	...	...
Sri Lanka	...	...	...	...	...	...	...	...
Taipei, China	63	72	89	94	100	104	105	119
Thailand	69	79	90	96	100	106	109	118
Tonga	...	...	...	...	...	...	...	...
Vanuatu	...	...	...	...	...	...	...	...
Vietnam	...	...	...	...	...	...	...	...
Western Samoa	...	...	...	...	...	...	...	...

a Period averages for the fiscal year ending 30 June.

b Prior to 1986, data refer to Peninsular Malaysia only. From 1986 onwards, data refer to Malaysia.

c Period averages for the fiscal year beginning 1 April.

d Period averages for the fiscal year ending 15 July.

Sources: Country Sources.

FOR SELECTED DEVELOPING COUNTRIES
PACIFIC: 1976 to 1989
=100)

1984	1985	1986	1987	1988	1989	Average Annual Growth Rate (%) 1975-79	1980-84	1985-87
...	...	...	...	...	...	...	...	...
108	110	109	118	121	121	5.8	1.6	3.6
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
149	177	138	233	244	259	10.1	8.9	11.1
...	...	...	...	...	...	...	...	...
116	103	123	111	118	128	4.5	5.4	5.2
...	...	...	...	...	...	...	...	...
122	135	143	160	173	179	5.4	4.9	5.4
124	133	150	173	199	...	12.8	9.0	9.5
...	...	...	...	...	...	...	...	...
161	167	204	244	278	285	21.4	9.7	15.1
...	...	...	...	...	...	...	...	...
130	121	133	150	177	197	9.3	7.1	7.3
...	...	...	...	...	...	...	...	...
124	126	122	123	126	...			
145	143	170	220	229	219	8.1	9.2	...
148	159	171	183	199	203	5.7	10.8	8.4
...	...	...	...	...	..	...	...	...
207	241	291	...	...	...	10.0	21.7	15.0
115	107	116	136	161	177	9.4	5.5	7.2
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
134	137	158	176	182	188	15.3	7.1	11.3
126	126	134	152	175	202	11.8	6.1	8.1
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...

18 PUBLIC ORDER, SAFETY AND JUSTICE

This new chapter deals with the statistics on the Criminal Justice System (CJS) in the country. The CJS has five organized components, namely: i) law enforcement ii) prosecution, iii) courts, iv) correction and v) community. These components function in a cooperative venture, towards the fulfillment of the effective, efficient and fair administration of criminal justice.

Statistics on this sector were generated by various agencies under each components of the CJS. Philippine Constabulary/Integrated National Police and National Police Commission gathers and compiles data on law enforcement; Department of Justice on prosecution; Supreme Court on courts; Bureau of Prisons on correction; and Department of Local Government on community. Data was also gathered from the Public Attorney's Office.

Table 18.1	Crime Rate by Type of Crime, Philippines: 1978 to 1988	18-4
Table 18.2	Traffic Accidents and Damages: 1978 to 1988	18-5
Table 18.3	Incidence of Fires and Damages: 1978 to 1988	18-6
Table 18.4	Ratio of Policemen and Firemen to Population: 1978 to 1988	18-7
Table 18.5	Number of Raids and Persons Arrested on Drug Incidents: 1978 to 1988	18-8
Table 18.6	Inflow and Outflow of Cases by Type of Court: 1983 to 1989	18-10
Table 18.7	Cases Handled and Terminated: FY 1972-73 to CY 1982	18-24
Table 18.8	Services Rendered by Clientele: 1980 to 1988	18-25
Table 18.9	Cases Handled and Terminated and Pending by region: 1980 to 1989	18-26
Table 18.10	Percentages of Cases Handled by Type of Case: 1980 to 1989	18-31

Figure 18.1	Crime Rate by Type of Crime, 1978 to 1988	18-3
Figure 18.2	Inflow and Outflow of Cases, 1983 to 1989	18-9

Figure 18.1 Crime Rate, 1980 to 1988

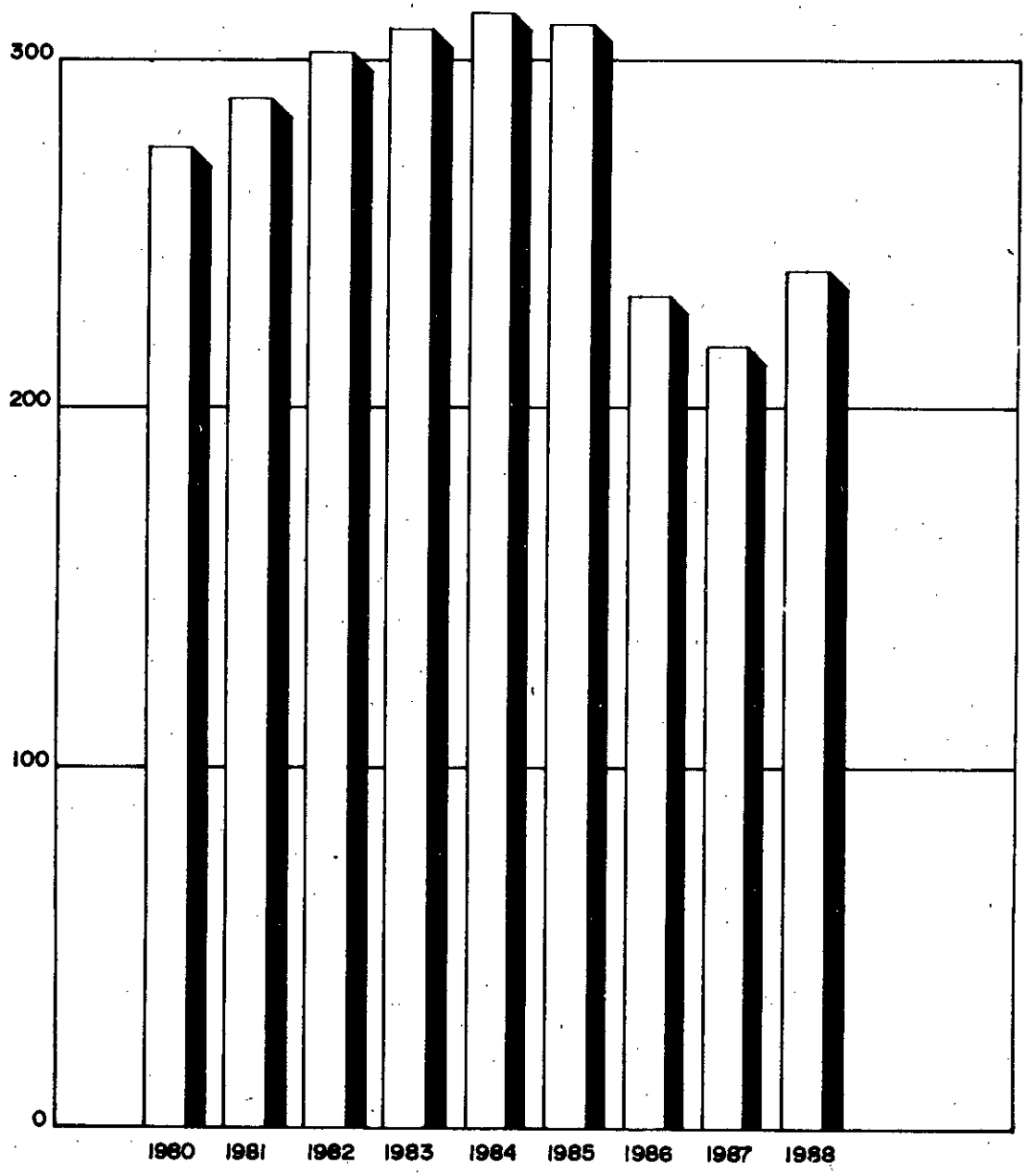


Table 18.1 CRIME RATE BY TYPE OF CRIME, PHILIPPINES: 1978 to 1988

Year	Index Crimes			Non-Index Crimes			Total		
	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila
1978	99.1	303.7	70.9	147.8	280.5	129.4	246.9	584.2	200.3
1979	120.3	288.4	96.9	132.3	167.5	127.4	252.6	455.9	224.3
1980	139.6	261.4	122.4	135.7	115.0	138.6	275.3	376.4	261.0
1981	159.9	208.5	153.1	128.3	100.0	132.3	288.2	308.5	285.4
1982	168.1	163.9	168.7	134.5	82.1	142.0	302.6	246.0	310.7
1983	178.7	156.3	181.9	129.4	62.4	139.0	308.1	218.7	320.9
1984	186.2	160.8	189.9	127.4	49.6	138.7	313.6	210.4	328.6
1985	184.5	176.0	185.7	126.2	61.6	135.6	310.7	237.6	321.3
1986	152.1	195.2	145.8	80.8	73.7	81.8	232.9	268.9	227.6
1987	144.6	204.9	135.7	72.8	80.7	71.6	217.4	285.6	207.3
1988	155.6	192.2	150.4	83.5	76.0	84.6	239.3	268.2	235.0

Notes: 1. Index crimes include murder, robbery, physical injury, theft and rape. All other crimes are classified as non-index crimes.
2. All figures were revised due to change in volume of crimes and change in population (July 1 of every year).

Source: Philippine Constabulary, Production Branch, Intelligence Division.
NSO, Population Studies Division.

Table 18.2 – TRAFFIC ACCIDENTS AND DAMAGES: 1978 to 1988

Year	Incidence	Deaths	Injuries (Slight/Serious)	Property Damage (In Pesos)
1978	53,861	1,500	22,081	40,548
1979	61,104	1,521	22,013	45,457
1980	66,946	1,997	24,860	50,439
1981	59,686	1,497	28,896	44,572
1982	54,487	1,492	18,173	41,355
1983	53,206	1,348	16,857	41,017
1984	47,280	1,119	13,042	36,717
1985	45,861	1,085	12,650	35,615
1986	39,659	1,093	14,216	29,610
1987	39,054	835	12,959	29,376
1988	54,602	934	13,991	38,881

Source: Philippine Constabulary, Constabulary Highway Patrol Group.

Table 18.3 INCIDENCE OF FIRES AND DAMAGES: 1978 to 1988

Year	Incidence	Deaths	Injuries	Property Damage (Million P)
1978	1,595	176	396	861.9
1979	1,760	91	351	844.9
1980	1,552	92	308	783.2
1981	1,565	133	255	657.5
1982	1,461	93	186	1,003.3
1983	1,606	95	216	571.6
1984	1,175	116	260	1,062.8
1985	1,099	125	213	1,227.0
1986	821	88	71	1,323.4
1987	1,875	136	136	1,418.3
1988	1,316	114	189	946.1

Source: Philippine Constabulary, Production Branch, Intelligence Division (PCC2).

Table 18.4 RATIO OF POLICEMEN AND FIREMEN TO POPULATION; 1978 to 1988

Year	Number (Policemen)	Ratio	Number (Firemen)	Ratio
1978	45,592	1,004:1	4,431	10,332:1
1979	45,713	1,029:1	4,469	10,524:1
1980	45,963	1.051:1	4,973	9,716:1
1981	47,863	1,035:1	4,973	9,961:1
1982	49,163	1,033:1	6,473	7,845:1
1983	49,163	1,059:1	6,473	8,042:1
1984	50,149	1.064:1	7,887	6,764:1
1985	50,587	1.081:1	7,714	7,087:1
1986	52,703	1,063:1	8,272	6,770:1
1987	51,817	1,107:1	8,654	6,628:1
1988	54,104	1,085:1	8,511	6,899:1

Note: Ratio of Population per policeman/fireman.

Source: Philippine Constabulary/Integrated National Police Personnel Div (PCC1).
National Statistics Office, Population Studies Division.

Table 18.5 NUMBER OF RAIDS and PERSONS ARRESTED ON DRUG INCIDENTS: 1978 to 1988

Year	Raids	Persons Arrested
1978	953	1,151
1979	1,062	1,726
1980	1,849	3,100
1981	2,222	3,536
1982	1,619	2,421
1983	2,482	2,967
1984	2,206	3,358
1985	1,526	3,442
1986	2,058	3,062
1987	1,621	2,686
1988	1,922	2,781

Source: Dangerous Drug Board, Research and Statistics Division.

Figure 18.2 Number of Raids and Persons Arrested on Drug Incidents, 1980 to 1988

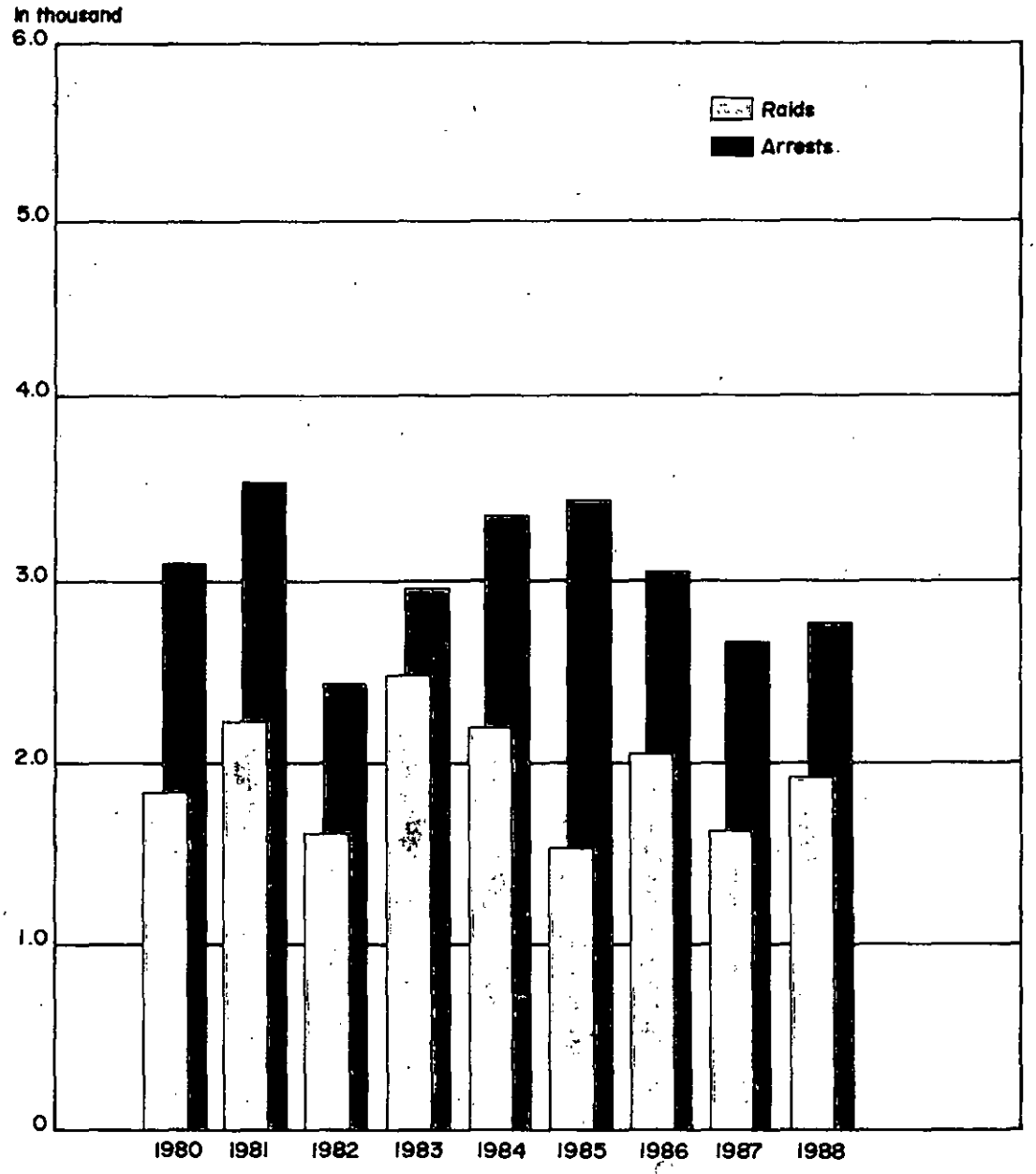


Table 18.6 – INFLOW AND OUTFLOW OF CASES (January to

	Pending Cases as of 12-31-82	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Courts
Courts				
Intermediate Appelate Court	9,624	5,028	...	...
Sandigan Bayan	3,061	1,560	96	...
Court of Tax Appeals	700	153	...	...
Regional Trial courts	195,322	122,068	16,136	87,096
Metropolitan Trial Courts	98,363	80,169	6,312	19,868
Municipal Trial Courts in Cities	46,808	48,173	5,636	12,304
Municipal Trial Courts	73,529	54,817	2,571	2,350
Municipal Circuit Trial Courts	42,837	33,704	2,206	825
Total	470,244	345,672	32,957	122,443

r Revised

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989
December, 1983)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-83
5,434	...	...	9,218 r
2,055	...	...	2,662
73	...	...	780
106,170	33,418	93,767	187,267
57,618	46,857	23,201	77,036 r
35,402	24,830	12,707	39,982
43,643	13,946	8,144	67,534
30,415	7,454	5,013	36,690
280,810	126,505	142,832	421,169

Table 18.6 – INFLOW AND OUTFLOW OF CASES
(January to

	Pending Cases as of 12-31-83	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Courts
Courts				
Intermediate Appelate Court	9,218	7,236	...	...
Sandigan Bayan	2,662	1,059	309	...
Court of Tax Appeals	780	167	...	...
Regional Trial courts	187,267	117,917	11,589	12,097
Metropolitan Trial Courts	77,036	66,736	5,289	4,055
Municipal Trial Courts in Cities	39,982	44,432	2,553	2,440
Municipal Trial Courts	67,534	55,262	2,555	1,292
Municipal Circuit Trial Courts	36,690	36,002	1,960	436
Total	421,169	328,811	24,255	20,320

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1984)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-84
5,852	...	...	10,602
1,305	...	...	2,725
95	...	...	852
105,261	38,915	13,892	170,802
52,149	36,718	5,421	58,828
34,340	16,624	2,907	35,536
45,868	15,967	7,955	56,853
28,257	7,118	4,993	34,720
273,127	115,342	35,168	370,918

Table 18.6 – INFLOW AND OUTFLOW OF CASES
(January to

	Pending Cases as of 12-31-84	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Courts
Courts				
Intermediate Appelate Court	10,602	7,647	...	...
Sandigan Bayan	2,725	1,235	50	...
Court of Tax Appeals	852	136	...	...
Regional Trial courts	170,802	117,865	11,724	11,314
Metropolitan Trial Courts	58,828	70,030	3,156	1,446
Municipal Trial Courts in Cities	35,536	39,604	1,933	857
Municipal Trial Courts	56,853	53,488	2,798	1,586
Municipal Circuit Trial Courts	34,720	33,255	2,400	444
Shari'a District Courts	0	1	...	...
Shari'a Circuit Courts	0	21	2	...
Total	370,918	323,282	22,063	15,647

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1985)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-85
6,801	...	...	11,448
1,272	...	...	2,738
138	18	...	832
95,785	36,554	14,861	164,505
50,766	26,861	1,936	53,897
29,798	13,345	1,135	33,652
38,614	13,901	8,511	53,699
24,590	9,228	5,455	31,546
0	...	...	1
10	...	...	13
247,774	99,907	31,898	352,331

Table 18.6 – INFLOW AND OUTFLOW OF CASES
(January to

	Pending Cases as of 12-31-85	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Courts				
Intermediate Appelate Court	11,448	7,987	...	...
Sandigan Bayan	2,738	1,051	47	...
Court of Tax Appeals	832	110	...	...
Regional Trial courts	164,505	115,148	15,655	11,809
Metropolitan Trial Courts	53,897	58,075	2,740	1,043
Municipal Trial Courts in Cities	33,652	36,994	3,166	917
Municipal Trial Courts	53,699	60,194	2,615	1,001
Municipal Circuit Trial Courts	31,546	37,703	1,993	773
Shari'a District Courts	1	15	6	...
Shari'a Circuit Courts	13	136	30	19
Total	352,331	317,413	26,252	15,562

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1986)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-86
7,324	...	...	12,111
1,227	...	...	2,609
146	...	...	796
86,451	35,852	13,699	171,115
40,880	29,821	1,929	43,125
28,957	15,904	993	28,875
42,316	13,722	9,140	52,331
27,280	7,477	5,416	31,842
8	3	...	11
79	41	2	76
234,668	102,820	31,179	342,891

Table 18.6 – INFLOW AND OUTFLOW OF CASES

(January to

	Pending Cases as of 12-31-86	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Courts				
Intermediate Appelate Court	12,111	7,225	...	...
Sandigan Bayan	2,609	675	58	...
Court of Tax Appeals	796	92	...	...
Regional Trial courts	171,115	113,933	12,656	23,496
Metropolitan Trial Courts	43,125	51,165	6,238	3,802
Municipal Trial Courts in Cities	28,875	35,344	3,312	1,005
Municipal Trial Courts	52,331	50,765	2,548	527
Municipal Circuit Trial Courts	31,842	33,324	2,625	1,913
Shari'a District Courts	11	22	3	...
Shari'a Circuit Courts	76	121	10	4
Total	342,891	292,666	27,450	30,747

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1987)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-87
7,983	...	...	11,353
764	...	...	2,578
243	...	...	645
87,818	37,155	28,898	167,329
36,155	29,090	4,558	34,527
24,582	14,332	1,344	28,278
33,242	12,015	10,792	50122
22,819	6,695	5,914	34,276
7	4	...	25
94	41	4	72
213,707	99,332	51,510	329,205

Table 18.6 – INFLOW AND OUTFLOW OF CASES
(January to

	Pending Cases as of 12-31-87	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Courts				
Intermediate Appelate Court	11,353	7,601	...	...
Sandigan Bayan	2,578	595	49	...
Court of Tax Appeals	645	98	...	...
Regional Trial courts	167,329	119,287	13,960	6,746
Metropolitan Trial Courts	34,527	50,655	4,405	1,119
Municipal Trial Courts in Cities	28,278	41,767	3,858	837
Municipal Trial Courts	50,122	49,618	3,055	670
Municipal Circuit Trial Courts	34,276	34,764	2,189	412
Shari'a District Courts	25	34	2	..
Shari'a Circuit Courts	72	164	26	16
Total	329,205	304,583	27,544	9,800

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1988)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-88
7,810			11,144
754			2,468
162			581
91,773	43,487	8,933	163,129
31,899	30,116	1,149	27,542
28,553	19,486	1,169	25,532
35,511	12,988	9,481	45,485
25,489	8,938	6,297	30,917
21	2	1	37
146	21	1	110
222,118	115,038	27,031	306,945

Table 18.6 – INFLOW AND OUTFLOW OF CASES
(January to

	Pending Cases as of 12-31-88	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Courts				
Intermediate Appelate Court	11,144	8,994		
Sandigan Bayan	2,468	931	39	
Court of Tax Appeals	581	99		
Regional Trial courts	163,129	136,440	12,551	6,080
Metropolitan Trial Courts	27,542	55,259	3,080	822
Municipal Trial Courts in Cities	25,532	42,304	3,624	1,020
Municipal Trial Courts	45,485	51,567	2,426	742
Municipal Circuit Trial Courts	30,917	35,513	2,408	493
Shari'a District Courts	37	35	9	2
Shari'a Circuit Courts	110	198	17	
Total	306,945	331,340	24,154	9,159

Source: Office of the Court Administrator, Supreme Court

BY TYPE OF COURT: 1983 to 1989 (continued)
December, 1989)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-89
8,313			11,825
795			2,643
114	100		466
104,622	44,174	9,678	159,726
33,215	28,742	1,167	23,579
33,731	15,808	1,175	21,766
36,168	11,382	9,530	43,140
25,133	8,317	7,131	28,750
24	4		55
129	13		183
242,244	108,540	28,681	292,133

Table 18.7 – CASES HANDLED AND TERMINATED OCTOBER 1972 – DECEMBER 1982

	Handled	Terminated
FY 1972 – 1973	9,693	2,557
1973 – 1974	24,856	11,569
1974 – 1975	42,385	22,855
CY 1976	47,310	22,479
1977	64,783	31,980
1978	80,762	46,187
1979	91,397	49,753
1980	92,202	48,490
1981	103,891	56,757
1982	118,774	66,400

Source: Public Attorney's Office.

Table 18.8 – SERVICE RENDERED BY CLIENTELE: 1980 to 1988

Services	1980	1981	1982	1985	1986	1987	1988
Indigent person served	115,448	114,280	130,651	153,000	171,367	218,753	239,311
Detention prisoners assisted	3,143	...	12,395	15,133	14,483	15,171	15,367
released	1,160	...	8,136	5,403	5,023	6,047	5,692
Youthful offenders assisted	...	186	2,059	2,573	2,945	1,977	2,089
released	...	...	895	1,426	1,940	1,859	1,169
Clients benefitted with documentation services	325,340	...	...	15,048	22,250	27,461	30,678
Beneficiaries of legal counselling services	1,127,353	...	...	11,423	14,860	24,902	18,820

Note: No data available for 1983 and 1984

Source: Public Attorney's Office

Table 18.9 – CASES HANDLED, TERMINATED
1980 to

Region	1980 Handled	1980 Terminated	1980 Pending	1981 Handled	1981 Terminated	1981 Pending
Philippines	92,202	48,490	43,662	103,891	56,757	47,587
Central Office	5,830	3,375	2,455	6,854	3,919	2,935
NCR	7,493	4,359	3,134	9,898	6,297	3,601
1	7,740	3,130	4,610	10,257	4,925	5,332
2	3,883	942	2,891	4,278	1,629	2,649
3	15,089	7,095	7,994	15,742	7,858	7,884
4	8,591	4,219	4,372	9,127	4,585	4,542
5	6,560	2,743	3,817	7,077	2,825	4,252
6	6,387	3,013	3,374	6,961	3,828	3,138
7	5,359	3,179	2,180	5,952	3,416	2,536
8	6,402	3,905	2,497	7,573	4,183	3,390
9 A	444	195	249	407	79	328
B	3,962	2,611	1,351	4,118	3,046	1,072
10	5,320	3,695	1,625	6,545	4,617	1,928
11	5,112	3,156	1,956	5,329	3,329	2,000
12	4,030	2,873	1,157	3,773	2,221	2,000

AND PENDING BY REGION:
1989

	1982			1983	
Handled	Terminated	Pending	Handled	Terminated	Pending
118,774	66,400	52,374	127,399	67,443	59,056
8,232	4,585	3,647	7,661	2,353	4,408
11,586	7,367	4,219	20,001	12,595	7,406
12,052	5,762	6,290	11,893	5,151	6,742
4,300	1,906	2,394	4,109	1,510	2,599
17,103	9,194	7,909	14,562	7,135	7,427
10,201	5,365	4,836	10,262	4,310	5,952
8,131	3,305	4,826	8,987	3,719	5,268
7,406	4,473	2,933	9,034	4,951	4,083
7,025	3,997	3,028	7,748	4,496	3,252
9,431	4,894	4,537	7,244	4,254	2,990
516	242	274	334	127	207
4,329	3,414	915	3,223	1,985	1,238
7,783	5,402	2,381	11,579	8,876	2,703
6,014	3,895	2,119	6,051	3,600	2,451
4,665	2,599	2,066	4,711	2,381	2,330

Table 18.9 – CASES HANDLED, TERMINATED

1980 to

Region	1985 Handled	1985 Terminated	1985 Pending	1986 Handled	1986 Terminated	1986 Pending
Philippines	139,091	61,585	77,506	154,788	79,643	76,145
Central Office	6,050	2,544	3,506	5,110	2,420	2,690
NCR	21,934	9,926	12,008	22,323	10,792	11,531
1	14,555	4,351	10,204	15,327	4,357	10,970
2	4,047	841	3,206	2,695	895	2,800
3	18,462	10,237	8,225	26,542	15,340	11,202
4	13,109	4,110	8,999	16,043	7,584	8,459
5	10,371	3,816	6,555	11,673	5,532	6,141
6	12,896	7,117	5,779	13,894	7,877	6,017
7	6,637	2,478	4,159	7,346	3,500	3,846
8	7,137	3,988	3,149	7,349	4,844	2,505
9 A	409	113	296	290	170	120
B	3,860	2,043	1,817	3,618	1,962	1,656
10	8,588	4,500	4,088	9,586	6,655	2,931
11	5,179	2,299	2,880	5,815	3,566	2,249
12	5,857	3,222	2,635	7,177	4,149	3,028

AND PENDING BY REGION:
1989 (continued)

Handled	1987 Terminated	Pending	Handled	1988 Terminated	Pending
198,866	114,214	84,653	217,555	128,446	89,109
3,494	1,044	2,451	5,410	1,023	4,387
31,745	18,703	13,042	32,403	18,841	13,562
18,694	6,387	12,307	18,975	8,034	10,941
4,221	1,636	2,585	4,207	1,669	2,538
44,233	31,475	12,758	44,811	30,818	13,993
21,598	12,540	9,058	27,091	16,116	10,975
12,221	5,401	6,820	14,898	7,397	7,501
12,564	6,368	6,196	12,273	7,398	4,875
7,857	3,989	3,868	8,190	4,015	4,175
8,101	4,802	3,299	8,728	5,854	2,874
353	145	208	451	191	260
6,106	4,059	2,047	6017	4,220	1,797
11,681	8,386	3,295	16,493	12,139	4,354
8,384	5,171	3,213	10,005	6,430	3,575
7,614	4,108	3,506	7,603	4,301	3,302

Table 18.9 – CASES HANDLED, TERMINATED AND PENDING BY REGION: 1980 to 1989 (continued)

Region	Handled	1989 Terminated	Pending
Philippines	453,158	390,912	88,238
Central Office	13,158	10,389	2,769
NCR	70,051	58,039	12,012
1	24,406	16,918	7,488
2	8,588	6,390	2,198
3	86,685	69,060	17,625
4	65,226	53,457	11,769
5	35,090	27,372	7,718
6	29,882	23,501	6,381
7	20,291	17,349	2,942
8	26,561	23,219	3,342
9 A	1,224	1,039	185
B	8,401	6,344	2,057
10	38,860	34,370	4,490
11	2,889	24,791	4,090
12	21,846	18,674	3,172

Note: No data available for 1984.
Region 9 A is composed of Jolo (Sulu), Basilan City and Bangao (Tawi-tawi) while Region 9 B is composed of Zamboanga City, Dipolog City, Molave, Pagadian City and Sindangan.

Source: Public Attorney's Office.

Table 18.10 – PERCENTAGES OF CASES HANDLED BY TYPE OF CASE: 1980 to 1988

Crimes	1980	1981	1982	1985	1986	1987	1988
Property	39.83	36.80	36.60	39.46	38.20	31.30	25.87
Persons	30.52	34.80	32.10	35.06	36.50	32.80	29.70
Personal Liberty and Security	6.90	6.60	6.40	1.67	2.20	3.50	6.20
Honor	4.92	4.80	4.40	1.52	2.00	4.20	3.80
Chastity	6.12	5.10	3.70	1.82	1.89	2.00	1.90
Public Order	4.52	2.20	2.40	0.43	0.62	1.50	3.50
Public Interest	1.70	1.40	0.40	0.51	0.42	0.63	0.48
Persons in Authority	...	...	0.46	1.98	0.18	5.59	8.20
Public Officials	...	...	0.15	4.46	0.35	2.64	2.30
Public Morals	...	...	2.80	0.25	1.25	1.29	6.20
Opium and relative to other prohibited drugs	0.12	1.5	1.55	6.92	1.10	4.50	0.45
Crime Status of person	0.23	0.32	0.05	4.85	0.65	0.50	4.30
Violation of Presidential Decrees	0.06	2.05	2.00	0.43	7.40	3.25	2.40
Violation of Ordinances	1.88	6.40	6.70	0.64	7.24	6.30	4.70
Violation of General Order	0.25	0.13	0.05	...	...	...	...
Others	0.74	0.22	0.24	...	...	...	...

Note: No data available for 1983 and 1984

Source: Public Attorney's Office

19 SCIENCE AND TECHNOLOGY

The main objective of this sector is to improve the existing science and technology statistics to help achieve the country's development objectives. The effort will cover the three broad categories of statistics for the sector, namely: research and experimental development statistics; scientific and technological education and training statistics; and scientific and technological services statistics.

The chapter deals on the number of statistical activities being programmed and/or implemented and the agencies involved in such undertakings. The Department of Science and Technology and its attached agencies have provided most of the data incorporated herein.

Table 19.1	Number of Agencies/Institutes/Establishments Engaged in Research and Experimental Development (R&D): 1981 to 1984	19-3
Table 19.2	Research and Experimental Development Expenditures by Sector: 1981 to 1984	19-3
Table 19.3	Total Research and Experimental Development Personnel by Sector and by Category: 1981 to 1984	19-4
Table 19.4	Distribution of Patents Granted to Local Inventors: 1977 to 1988	19-6
Table 19.5	Distribution of Patents Granted to Foreign Inventors: 1977 to 1988	19-7
Table 19.6	Number of Technologies Commercialized and Diffused by the Department of Science and Technology: 1989	19-9
Table 19.7	Number of Research and Experimental Development Projects Completed by the Department of Science and Technology: 1989	19-10
Table 19.8	Number of Scholars Supported by the Department of Science and Technology: 1989	19-11
Figure 19.1	Number of Patents Granted to Local and Foreign Inventors, 1980 to 1988	19-5
Figure 19.2	Number of Technologies Commercialized and Diffused by the Department of Science and Technology, 1989	19-8

Table 19.1 – NUMBER OF AGENCIES/INSTITUTES/ESTABLISHMENTS ENGAGED IN RESEARCH AND EXPERIMENTAL DEVELOPMENT (R&D): 1981 to 1984

Sector of Performance	1981 – 1982	1983 – 1984
ALL SECTORS	413	278
Government Agencies	177	118
Private Industry	76	47
Higher Education	113	70
Non-profit Institutions	47	43

Source: NSTA Survey of R&D Expenditures and Manpower, 1981 – 1982 and 1983 – 1984

Table 19.2 – R&D EXPENDITURES BY SECTOR: 1981 to 1984 (In million Pesos)

Sector	1981	1982	1983	1984
Total	528.34	634.46	514.59	613.41
Government Agencies	332.47	418.33	338.49	419.23
Private Industry	104.80	104.37	103.89	118.89
Higher Education	37.86	55.24	42.11	38.07
Non-profit Institutions	53.21	56.52	30.10	37.22

Source: NSTA Survey of R&D Expenditures and Manpower, 1981 – 1982 and 1983 – 1984

Table 19.3 – TOTAL R&D PERSONNEL BY SECTOR AND BY CATEGORY: 1981 to 1984

Sector/Category	1981	1982	1983	1984
ALL SECTORS	17,183	17,992	9,949	10,185
Scientists and Engineers	7,482	7,884	4,394	4,830
Technicians	3,306	3,500	1,867	1,855
Supporting Personnel	6,395	6,608	3,688	3,500
GOVERNMENT AGENCIES	11,048	11,631	6,449	6,678
Scientists and Engineers	4,886	5,179	2,710	2,940
Technicians	2,292	2,376	1,360	1,314
Supporting Personnel	3,870	4,076	2,379	2,424
PRIVATE INDUSTRY	2,368	2,416	1,244	1,148
Scientists and Engineers	661	731	641	645
Technicians	469	476	181	166
Supporting Personnel	1,238	1,209	422	337
HIGHER EDUCATION	2,733	2,829	1,568	1,618
Scientists and Engineers	1,506	1,507	774	945
Technicians	416	508	166	207
Supporting Personnel	811	814	628	466
NON-PROFIT INSTITUTIONS	1,034	1,116	688	741
Scientists and Engineers	429	467	269	300
Technicians	129	140	160	168
Supporting Personnel	476	509	259	273

Source: NSTA Surveys on R&D Expenditures and Manpower, 1981 – 1982 and 1983 – 1984.

Figure 19.1 Number of Patents Granted to Local and Foreign Investors, 1980 to 1988

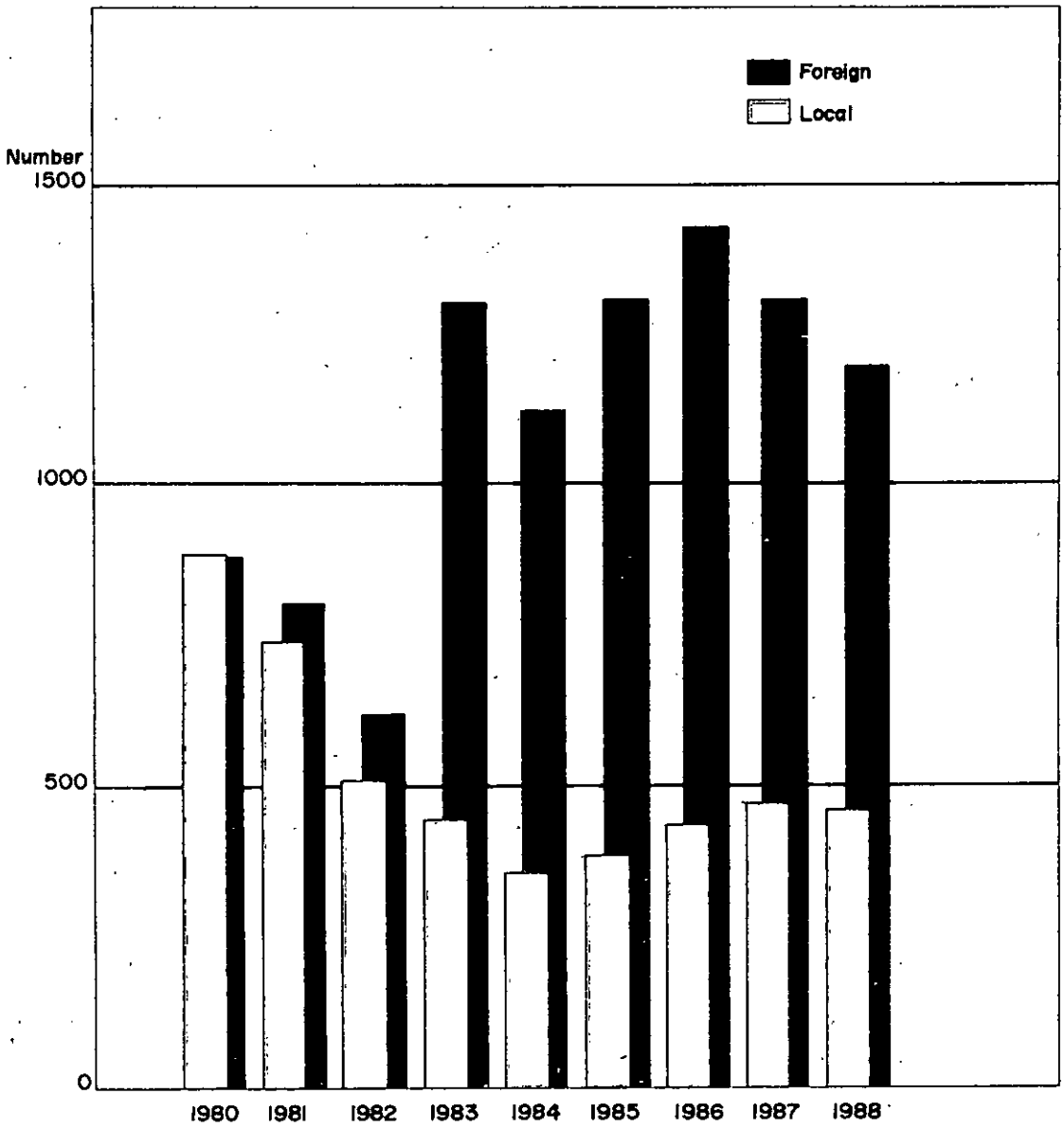


Table 19.4 – DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVENTORS: 1977 to 1988

	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
YEAR	No.	%	No.	%	No.	%	No.	%
1977	715	100	90	12.6	460	64.3	165	23.1
1978	805	100	106	13.2	498	61.9	201	25.0
1979	715	100	82	11.5	465	65.0	168	23.5
1980	889	100	93	10.5	520	28.5	276	21.0
1981	741	100	69	9.3	463	62.5	209	28.3
1982	511	100	35	6.8	318	62.2	158	30.9
1983	449	100	52	11.6	288	64.1	109	24.3
1984	358	100	29	8.1	235	65.6	94	26.3
1985	388	100	22	5.7	294	75.8	72	18.6
1986	440	100	36	8.2	278	63.2	126	28.6
1987	473	100	44	9.3	275	58.1	154	32.6
1988	461	100	43	9.3	192	41.6	336	49.0

Source: 1988 Annual Report of the Bureau of Patents, Trademarks and Technology Transfer.

Table 19.5 – DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVENTORS: 1977 to 1988

YEAR	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
	No.	%	No.	%	No.	%	No.	%
1977	993	100	969	97.6	6	0.6	18	1.8
1978	834	100	780	93.5	6	0.7	48	5.8
1979	803	100	775	96.5	3	0.4	25	3.1
1980	885	100	811	91.6	14	1.3	60	6.8
1981	806	100	718	89.1	7	0.9	81	10.0
1982	623	100	525	84.3	3	0.5	95	15.2
1983	1300	100	1228	94.5	7	0.5	65	5.0
1984	1120	100	1098	98.0	2	0.2	20	1.8
1985	1307	100	1259	96.3	8	0.6	40	3.1
1986	1426	100	1272	89.2	8	0.6	146	10.2
1987	1307	100	1182	90.4	7	0.5	118	9.0
1988	1198	100	1142	95.3	5	0.4	51	4.3

Source: 1988 Annual Report of the Bureau of Patents, Trademarks and Technology Transfer.

Figure 19.2 Number of Technologies Commercialized and Diffused by the Department of Science and Technology, 1989

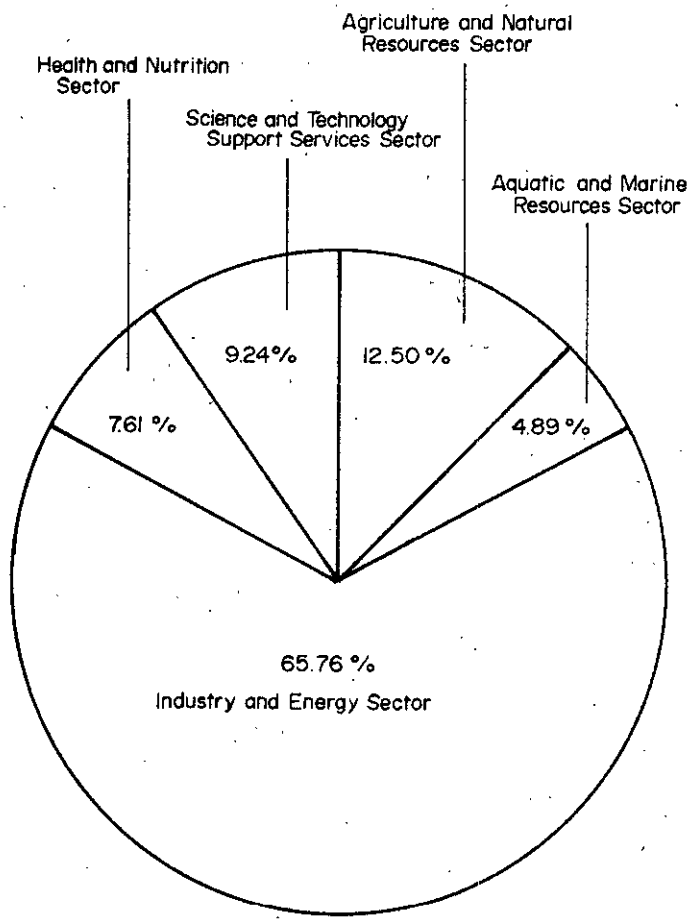


Table 19.6 – NUMBER OF TECHNOLOGIES COMMERCIALIZED AND DIFFUSED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1989

Sector	Number	%
Total	184	100.0
Agriculture and Natural Resources Sector	23	12.50
Aquatic and Marine Resources Sector	9	4.89
Industry and Energy Sector	121	65.76
Health and Nutrition Sector	14	7.61
Science and Technology (S&T) Support Services Sector	17	9.24
Advanced Science and Technology Sector		

Source: DOST Councils/Institutions/Agencies.

Table 19.7 – NUMBER OF R&D PROJECTS COMPLETED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1989

Sector	Number	%
Total	463	100.0
Agriculture and Natural Resources Sector	193	41.68
Aquatic and Marine Resources Sector	21	4.54
Industry and Energy Sector	156	33.69
Health and Nutrition Sector	38	8.21
Science and Technology (S&T) Support Services Sector	50	10.08
Advanced Science and Technology Sector	5	1.08

Source: DOST Councils/Institutions/Agencies.

Table 19.8 – NUMBER OF SCHOLARS SUPPORTED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1989

Sector	Number	%
Total	2,236	100.0
Agriculture and Natural Resources Sector	70	3.13
Aquatic and Marine Resources Sector	9	0.40
Industry and Energy Sector	10	0.45
Health and Nutrition Sector	12	0.54
Science and Technology (S&T) Support Services Sector	2,097	93.78
Advanced Science and Technology Sector	38	1.70

Source: DOST Councils/Institutions/Agencies.