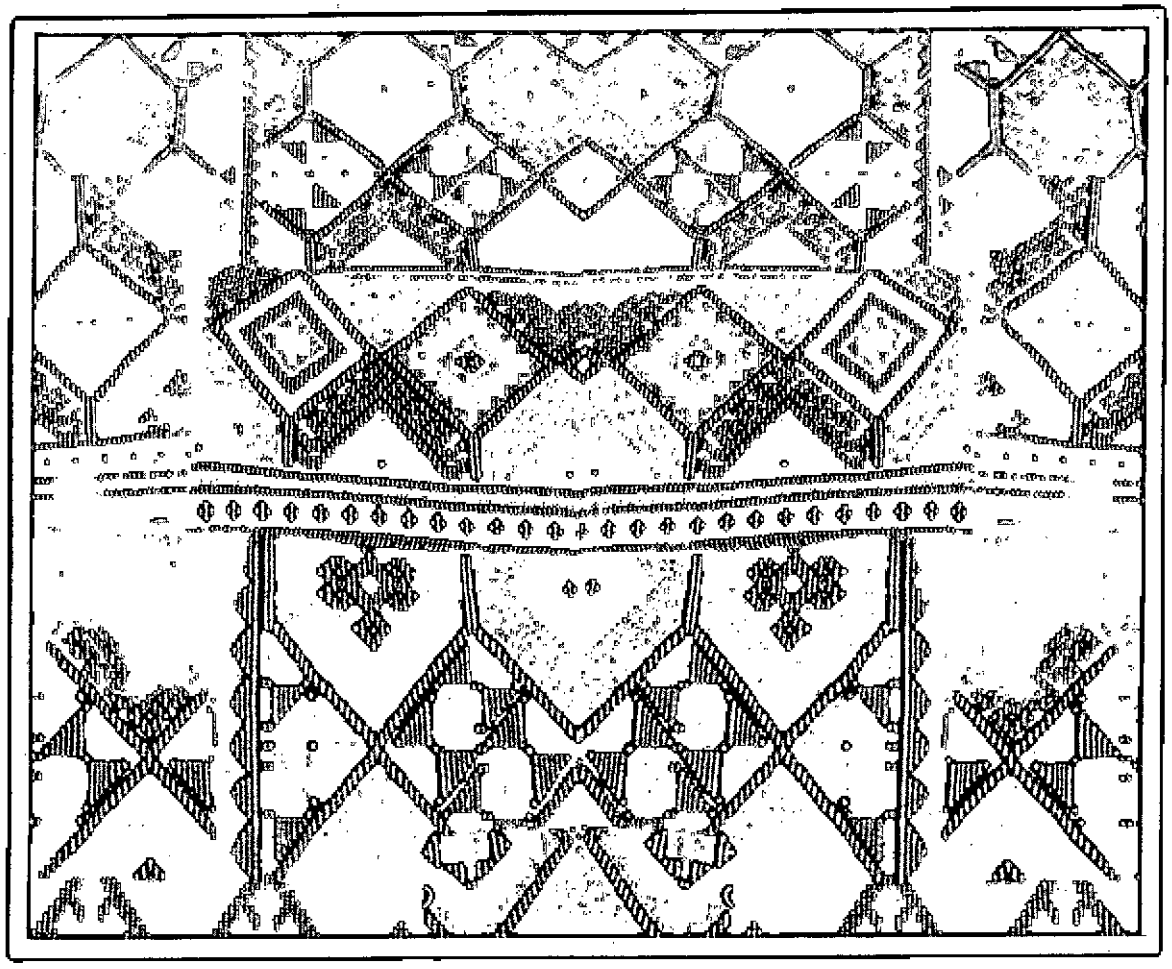
1991 Philippine Statistical Yearbook



Republic of the Philippines
NATIONAL STATISTICAL COORDINATION BOARD

REGIONAL DELINEATION

NATIONAL CAPITAL REGION – METROPOLITAN MANILA

CORDILLERA ADMINISTRATIVE REGION

AUTONOMOUS REGION FOR MUSLIM MINDANAO

REGION NO. 1 – ILOCOS REGION

REGION NO. 2 – CAGAYAN VALLEY REGION

REGION NO. 3 – CENTRAL LUZON REGION

REGION NO. 4 – SOUTHERN TAGALOG REGION

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REGION NO. 10 – NORTHERN MINDANAO REGION

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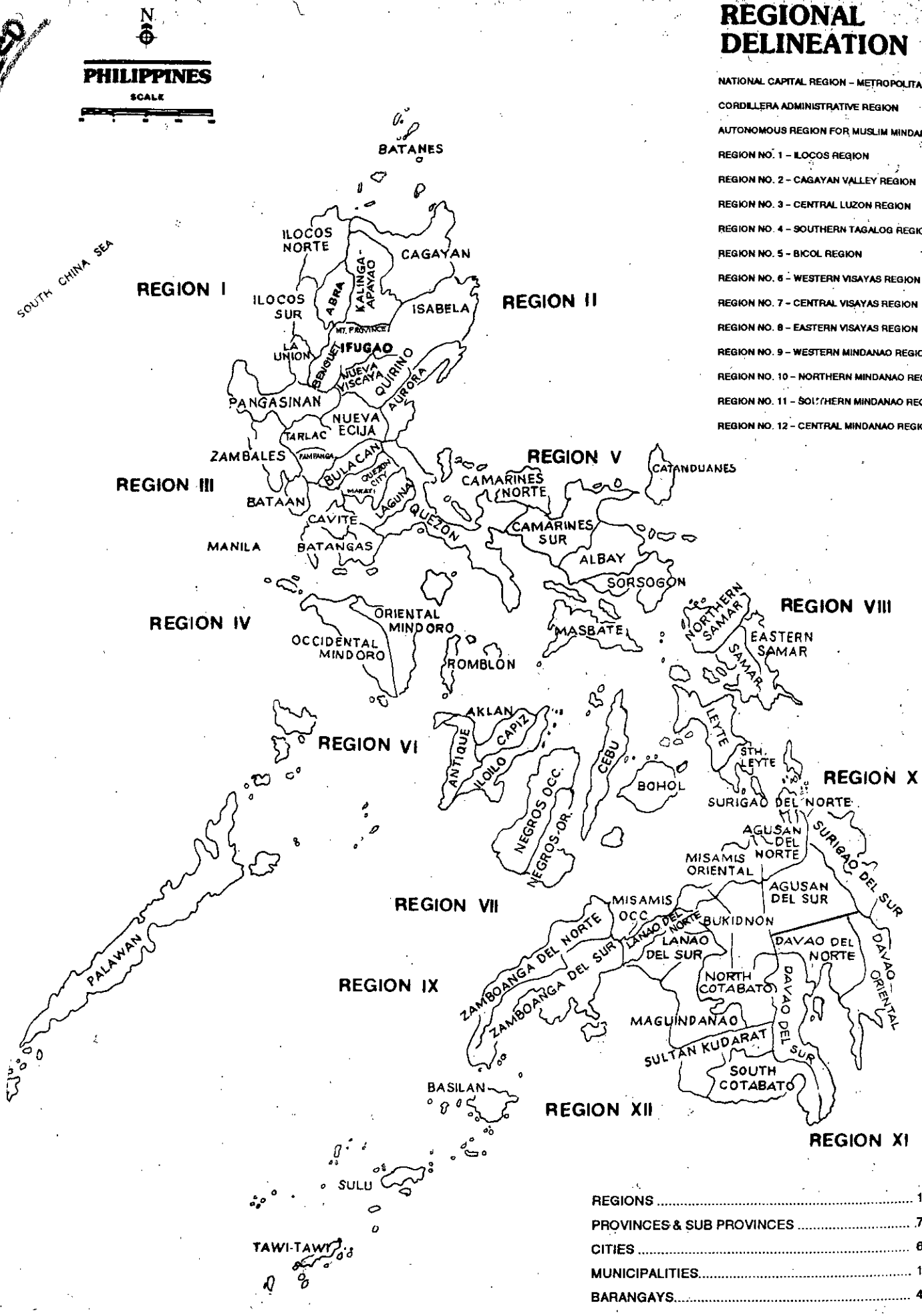
REGION NO. 12 – CENTRAL MINDANAO REGION



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

NATIONAL STATISTICAL COORDINATION BOARD
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1991 Philippine Statistical Yearbook

Republic of the Philippines
NATIONAL STATISTICAL COORDINATION BOARD

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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 are available on the national level with subnational disaggregation for some selected statistics.

This publication is an attempt to fulfill the NSCB mandate of providing information to decision agents, researchers and the public in general so that they may be guided in the formulation of plans and programs for the betterment and welfare of our people. It is also intended to present official data that are available from the Philippine Statistical System and in the process point to gaps and limitations that have yet to be addressed by data producers and users alike.

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

Romulo A. Virola

ROMULO A. VIROLA
Secretary General

October 1991

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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 31*
4. n.e.s.	*Not elsewhere stated*
5. n.e.c.	*Not elsewhere classified*
6. p	*Preliminary*
7. r	*Revised*
8. ...	*Data not available*
*9. * (asterisk)*	*Less than half the unit employed*
10. - (dash)	*Nil or zero*
11. ..	*Not applicable*

SUMMARY OF MAJOR STATISTICAL SERIES

SUMMARY OF MAJOR STATISTICAL SERIES

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 1. Population and Housing Statistics					
1. Population (1,000 persons)	May 1, 1990	60,684.9	May 1, 1990	48,098.4	26.2
2. Sex distribution					
Both sexes (1,000 persons)	May 1, 1990	48,098.0	May 1, 1990	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	60,685	May 1, 1990	48,098	26.2
Metropolitan Manila Area (National Capital Region)		7,929		5,926	33.8
CAR		1,146		914	25.4
Region 1		3,551		2,924	21.4
Region 2		2,341		1,919	22.0
Region 3		6,199		4,803	29.1
Region 4		8,266		6,119	35.1
Region 5		3,910		3,477	12.5
Region 6		5,392		4,526	19.1
Region 7		4,593		3,787	21.3
Region 8		3,055		2,800	9.1
Region 9		3,159		2,529	24.9
Region 10		3,510		2,759	27.2
Region 11		4,457		3,347	33.2
Region 12		3,171		2,271	39.6
4. Total City population (1,000 persons)	May 1, 1990	13,000	May 1, 1990	10,182	27.7
Ten most populous cities		7,238		5,730	26.3
Manila		1,599		1,630	(1.9)
Quezon		1,667		1,166	43.0
Davao		850		610	39.3
Cebu		610		490	24.5
Caloocan		761		468	62.6
Zamboanga		442		344	28.5
Pasay		367		288	27.4
Bacolod		364		262	38.9
Iloilo		310		245	26.5
Cagayan de Oro		340		227	49.8

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 2. Income and Prices					
1. Average family income (pesos)					
Philippines	1988	40,408	1985	31,052	30.1
Urban		60,330		46,127	30.8
Metropolitan Manila Area		79,314		57,193	38.7
Rural		28,284		21,875	29.3
2. Consumer price index for all items (1978=100)	July 1991		July 1990		
Philippines		592.5		500.6	18.4
Metropolitan Manila Area (National Capital Region)		651.7		556.7	17.1
Areas Outside Metropolitan Manila		581.1		489.8	18.6
CAR		587.0		500.7	17.2
Region 1		571.4		481.9	18.6
Region 2		562.3		482.8	16.5
Region 3		608.1		506.7	20.0
Region 4		575.2		482.3	19.3
Region 5		577.0		484.7	19.0
Region 6		622.6		508.0	22.6
Region 7		606.9		500.7	21.2
Region 8		541.7		459.5	17.9
Region 9		540.1		461.3	17.1
Region 10		564.3		496.4	13.7
Region 11		575.8		504.4	14.2
Region 12		550.8		468.9	17.5
Chapter 3. Economic Accounts					
1. Gross national product (million pesos)	1990		1989		
At current prices		1,132,404		961,914	17.7
At 1972 prices		110,143		106,855	3.1

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Gross domestic product by industrial origin (million pesos at 1972 prices)	1990	109,890	1989	107,168	2.5
Agriculture, fishery and forestry		29,620		28,986	2.2
Mining and quarrying		1,603		1,563	2.6
Manufacturing		27,259		26,886	1.4
Construction		5,153		4,947	4.2
Electricity, gas, and water		2,206		2,137	3.2
Transport, communication and storage		5,977		5,761	3.7
Trade		17,352		16,795	3.3
Finance and Housing		7,205		6,843	5.3
Private Services		6,997		6,767	
Government Services		6,519		6,483	0.6
3. Expenditures on gross domestic product at 1972 prices (million pesos)	1990	109,890	1989	107,168	2.5
Personal consumption expenditures		83,789		78,929	6.2
General government expenditures		10,367		9,997	3.7
Gross domestic capital formation		18,201		18,283	(0.4)
Construction		8,169		7,752	5.4
Durable equipment		10,405		9,111	14.2
Increase in stocks		(373)		1,420	(126.3)
Exports		29,055		29,167	(0.4)
(Less) imports		37,404		33,942	10.2
4. Per capita national income(pesos)	1990		1989		
At current prices		15,307		13,250	15.5
At 1972 prices		1,492		1,473	1.3
5. Per capita private (personal) consumption expenditure (pesos)	1990		1989		
At current prices		13,715		11,723	17.0
At 1972 prices		1,363		1,313	3.8
Chapter 4. Natural Resources					
1. Classified and uncalssified land area (in hectares)	1990		1989		
Alienable and disposable		14,117,729		14,117,729	
Forest Land		15,882,271		15,882,271	

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
2. Area reforested annually (in hectares)	1989	131,404	1988	64,813	102.7
3. Forest Destruction (in hectares)	1989	12,814	1988	10,255	25.0
4. Production of logs, lumber, plywood and veneer (1,000 m)	1990 p		1989		
Logs		1,916		3,169	(39.5)
Lumber		449		975	(53.9)
Plywood		407		344	18.3
Veneer		33		61	(45.9)
5. Mineral ore reserves (1,000 tonnes	1989	34,508,227	1988	27,970,164	23.4
Metallic		6,480,712		6,360,950	1.9
Non-metallic		28,027,515		21,609,214	29.7
Chapter 5. Agriculture					
1. Production of agricultural crops (1,000 m.t.)	Crop year 1990	59,806	Crop year 1989	60,373	(0.9)
Cereals		14,173		13,981	1.4
Palay		9,319		9,459	(1.5)
Corn		4,854		4,522	7.3
Major crops		36,926		37,814	(2.3)
Coconut		11,940		11,810	1.1
Sugarcane		16,908		17,591	(3.9)
Banana		2,913		3,190	(8.7)
Pineapple		1,156		1,179	(2.0)
Coffee		134		156	(14.1)
Other major crops		3,875		3,888	(0.3)
Other crops		8,707		8,578	1.5
2. Value of production of agricultural crops (million P)	Crop year 1990	161,905	Crop year 1989	147,854	9.5
Cereals		109,242		57,048	91.5
Palay		64,790		39,669	63.3
Corn		44,452		17,379	155.8
Major crops		64,250		64,051	0.3
Coconut		18,865		22,440	(15.9)
Sugarcane		9,976		10,203	(2.2)
Banana		7,224		5,009	44.2
Pineapple		4,751		5,328	(10.8)
Coffee		2,659		3,325	(20.0)
Other major crops		20,775		17,746	17.1
Other crops		32,865		26,755	22.8

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Fish production (1,000 m.t.)	1990	2,503.6	1989	2,370.9	5.6
Commercial fishing		700.6		637.0	10.0
Aquaculture		671.1		629.3	6.6
Municipal fishing		1,131.9		1,104.6	2.5
4. Value of fishing production (million pesos)	1990	52,177.2	1989	45,093.7	15.7
Commercial fishing		12,410.6		11,033.4	12.5
Aquaculture		20,466.5		15,672.6	30.6
Municipal fishing		19,300.1		18,387.7	5.0
Chapter 6. Establishment Characteristics; Industrial Sector					
1. Gross value of output of manufacturing establishments (million pesos)	1988	385,010	1987	297,940	29.2
Food		83,367		69,764	19.5
Beverages		25,189		19,604	28.5
Tobacco		16,194		15,523	
Textiles		19,556		15,330	27.6
Footwear & wearing apparel		15,854		9,857	60.8
Wood and cork		10,936		7,786	40.5
Furniture and fixtures		3,867		2,078	86.1
Paper		10,247		7,255	41.2
Printing		4,166		3,569	
Leather		531		266	99.6
Rubber Products		8,428		4,314	95.4
Chemicals		44,993		32,446	38.7
Petroleum and coal		44,994		44,587	0.9
Other non-metallic mineral		1,990		8,121	(75.5)
Basic metal		31,699		22,604	40.2
Metal products		5,965		4,363	36.7
Machinery except electrical		3,318		2,483	33.6
Electrical machinery		25,628		18,952	35.2
Transport equipment		8,895		4,361	104.0
Miscellaneous		2,630		1,404	87.3
2. Value of mining production (million pesos)	1990	23,616	1989	23,168	1.9
Metallics		17,625		17,289	1.9
Non-Metallics		5,990		5,878	1.9

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
3. Value of private building construction (million pesos)	1990	24,778.7	1989	30,105.9	(17.7)
Metropolitan Manila Area (National Capital Region)		14,343.5		21,344.3	(32.8)
Rest of the Regions		10,435.2		8,761.6	19.1
4. Number of newly registered corporations and partnerships	1990		1989		
Corporations		9,048		9,099	(0.6)
Partnerships		1,632		1,355	20.4
Single Proprietorships		82,859		57,435	44.3
5. Capital increases & withdrawals of corporations & partnerships (million pesos)	1990		1989		
Increases		19,267.4		13,890.4	38.7
Withdrawals		2,365.3		983.4	140.5
Net effect		16,902.1		12,907.0	31.0
6. Amount of investments approved under E.O. 226(million pesos)	1990	48,033.9	1989	39,684.3	21.0
Local		24,664.1		22,204.0	11.1
Foreign		23,369.8		17,480.4	33.7
Chapter 7. Foreign Trade, Balance of Payments					
1. Direction of external trade (million US dollars)	1990		1989		
Exports		8,186.0		7,821.8	4.7
Imports		12,206.2		10,418.8	17.2
Balance of trade (all countries)		(4,020.2)		(2,597.0)	54.8
2. Total exports (million US $)	1990	8,186	1989	7,822	4.7
Ten principal exports		1,123		1,311	(14.4)
Copra		20		25	(20.0)
Sugar		111		80	38.8
Banana		149		146	2.1
Logs and lumber		19		238	(92.0)
Desiccated coconut		61		78	(22.1)
Coconut oil		361		376	(4.0)
Pineapples, canned		89		94	(5.3)
Gold		90		109	(17.4)
Abaca (unmanufactured)		16		18	(11.1)
Copper concentrates		207		237	(12.7)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to –		
	Reference period	Value	Reference period	Value	Percent change
3. Imports by end use (million US$)	1990	12,206.2	1989	10,418.8	17.2
Producer goods		11,350.7		9,731.4	16.6
Machinery and equipment		1,531.2		1,105.8	38.5
Unprocessed raw materials		2,357.1		1,791.8	31.5
Semi-processed raw materials		6,924.2		6,329.2	9.4
Supplies		538.2		504.6	6.7
Consumer goods		855.5		687.4	24.5
Durable		81.7		63.5	28.7
Non-durable		773.8		623.9	24.0
4. Balance of payments (million US $ Overall surplus (deficit)	1990	(183)	1989	451	(140.6)
Chapter 8. Tourism					
1. Number of visitor arrivals	1990	1,024,520	1989	1,189,719	(13.9)
2. Total tourist receipts (thousand $)	1990	466,000	1989	469,000	(0.6)
Chapter 9. Vital, Health and Nutrition Str stics					
1. Crude birth and death rates (per 1,000 population)	1988		1987		
Birth rate		26.7		27.6	(3.3)
Death rate		5.5		5.8	(5.2)
2. Number of registered marriages	1989	395,933	1988	393,514	0.6
3. Number of registered live births	1988	1,565,372	1987	1,582,469	(1.1)
4. Number of registered deaths	1988	325,098	1987	335,254	(3.0)
5. Daily per capita available food supply (grams/day)	1988		1987		
Cereals and cereal products		346.2		331.6	4.4
Roots and tubers		61.9		61.1	1.3
Sugar and syrup		28.0		26.8	4.5
Pulses and nuts		10.0		10.6	(5.7)
Vegetables		96.6		99.2	-2.6
Fruits		164.7		165.8	(0.7)
Meat products		58.9		49.3	19.5
Milk and milk products		63.1		60.7	4.0
Eggs		11.7		10.9	7.3
Fish and other marine products		103.2		99.8	3.4
Fats and oil		12.7		10.6	19.8
Miscellaneous food		92.8		96.4	(3.7)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
6. Calorie and nutrient values of available food supply	1988		1987		
Calorie (per day)		2,300		2,195	4.8
Protein (grams/day)		61		57	7.0
Fats (grams/day)		40		37	8.1
5. Bed capacity of government and private hospitals	1990	87,133	1989	84,985	2.5
6. Number of hospitals	1990	1,733	1989	1,696	2.2
7. Number of government medical practitioners	1990	30,855	1989	33,286	(7.3)
8. Number of health stations	1990		1989		
Barangay		10,151		9,499	6.9
Rural		2,295		2,073	10.7
9. Number of reported acceptors of family planning	1990	782,945	1989	659,882	18.6
Chapter 10. Education					
1. Number of government and private schools	SY 1989–90		SY 1988–89		
Pre-School		3,837		3,691	4.0
Elementary		34,382		34,526	(0.4)
Secondary		5,518		5,496	0.4
Tertiary		1,755		1,675	4.8
2. Enrolment in government and private schools (in thousand)	SY 1989–90		SY 1988–89		
Pre-school		321.4		274.1	17.3
Elementary		10,284.9		9,972.6	3.1
Secondary		3,961.6		3,737.1	6.0
Tertiary	SY 1990–91	1,347.7	SY 1989–90	1,225.3	10.0
3. Number of graduates					
Tertiary	SY 1990–91	221,047	SY 1989–90	249,488	(11.4)
Non-formal (LSD)	1989	269,011	1988	346,867	(22.4)
4. Number of examinees who passed the board/bar exams	1990	25,538	1989	37,708	(32.3)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
Chapter 11. Labor and Employment					
1. Total labor force (1,000 persons)	1990	24,525	1989	23,859	2.8
Employed		22,532		21,849	3.1
Unemployed		1,993		2,010	(0.8)
2. Labor force participation rate (percent)					
Philippines	1990	64.5	1989	64.6	(0.2)
National Capital Region		59.8		58.5	2.2
CAR		73.9		69.1	6.9
Region 1		62.1		63.0	(1.4)
Region 2		66.7		68.4	(2.5)
Region 3		62.2		61.6	1.0
Region 4		64.2		63.1	1.7
Region 5		68.3		70.0	(2.4)
Region 6		65.0		65.0	0.0
Region 7		65.1		66.2	(1.7)
Region 8		71.0		71.8	(1.1)
Region 9		59.7		62.3	(4.2)
Region 10		69.0		68.9	0.1
Region 11		67.1		67.1	0.0
Region 12		63.3		65.1	(2.8)
3. Processed overseas contract worker	1990	598,769	1989	522,984	14.5
Land-based		468,591		407,974	14.9
Sea-based		130,178		115,010	13.2
4. Deployed overseas workers	1990	446,095	1989	458,626	(2.7)
Land-based		334,883		355,346	(5.8)
Sea-based		111,212		103,280	7.7
5. Number of strike notices filed	1990	1,562	1989	1,518	2.9
Chapter 12. Social Services					
1. Outreach headcount of the DSWD	1990	10,138,662	1989	6,780,105	49.5
2. Benefits paid by the Government Service Insurance System (million pesos)	1990	3,707.9	1989	2,892.5	28.2
3. Benefits paid by the Social Security System (million pesos)	1990	4,971.2	1989	3,664.0	35.7
4. Number of disaster coordinating councils	1990	2,918	1989	1,455	100.5

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		Percent change
	Reference period	Value	Reference period	Value	
Chapter 13. Transportation and Communication					
1. Rail transport	1990		1989		
Passengers (1,000 persons)		928.0		1,004.7	(7.6)
Freight tonnes loaded (1,000 mt)		32.2		53.2	(39.5)
Express tonnes loaded (1,000 mt)		16.8		21.5	(21.9)
2. Total number of registered motor vehicles	1990	1,620,242	1989	1,431,464	13.2
Private		1,322,783		1,162,065	13.8
For hire		246,082		223,233	10.2
Government		45,482		40,869	11.3
Diplomatic		5,895		5,297	11.3
3. Total number of newly-registered motor vehicles	1990	206,090		141,499	45.6
Cars		42,389	1989	32,808	29.2
Utility vehicles		74,731		50,821	47.0
Trucks		13,419		8,273	62.2
Buses		2,119		868	144.1
Motorcyles/Tricyles		70,034		46,599	50.3
Trailers		3,398		2,130	59.5
4. Flights and passengers carried by international carriers	1990		1989		
Passengers carried, total		4,367,357		4,368,433	(0.0)
Arrivals		2,103,820		2,118,427	(0.7)
Departures		2,263,537		2,250,006	0.6
Flights, total		25,243		23,668	6.7
5. Number of registered airports	1990	173	1989	180	(3.9)
National		86		86	0.0
Private		87		94	(7.4)
6. Total Kilometers of road	1990	160,560.12	1989	159,059.49	0.9
National		26,272.03		26,110.08	0.6
Local		134,288.09		132,949.41	1.0
7. Number of Bridges	1990	11,562	1989	11,289	2.4
National government		7,201		6,928	3.9
Local government		4,361		4,361	0.0
8. Length of bridges (linear meters)	1990	314,184.23	1989	314,184.23	0.0
National government		235,519.67		235,519.67	0.0
Local government		78,664.56		78,664.56	0.0

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
9. Coastwise shipping movement at 26 major ports	1990		1989		
Number of vessels entered		81,475		80,649	1.0
Number of vessels cleared		81,391		80,363	1.3
10. International shipping movements at Port of Manila	1990 p		1989		
Number of vessels entered		2,896		2,604	11.2
Number of vessels cleared		2,882		2,597	11.0
11. Number of operational ports	1990	399	1989	411	(2.9)
12. Number of licensed radio stations	1990	53,725	1989	40,435	32.9
13. Total telephone connections	1990	987,890	1989	888,964	11.1
14. Volume of mail handled (1,000 pieces)	1990	804,048	1989	806,300	(0.3)
Received from Foreign Countries		166,659		161,101	3.5
Posted mails		637,389		645,199	(1.2)
Chapter 14. Energy and Water Resources					
1. Electric consumption by source (MBFOE)	1990	120.6	1989	117.3	2.8
Indigenous energy		42.1		41.8	0.7
Imported energy		78.5		75.5	4.0
2. Electric Energy Consumption (gigawatt hours)	1990	26,327	1989	25,573	2.9
3. Petroleum products consumption (thousand barrels)	1990	84,980	1989	81,584	4.2
4. Power generation	1990	26,326	1989	25,573	2.9
Chapter 15. Public Finance					
1. National Government Revenue (million pesos)	1990	180,644.0	1989	154,240.0	17.1
Tax Revenues		150,316		122,462	22.7
Taxes on income and profits		48,549		37,592	29.1
Taxes on property		279		659	(57.7)
Taxes on goods and services		50,745		42,040	20.7
Taxes on international trade and transactions		46,005		38,919	18.2
Other taxes		4,738		3,252	45.7
Non tax revenue		30,328		31,778	(4.6)

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
2. National government expenditures (million pesos)	1991	254,385	1990	211,756	20.1
Economic services		64,344		49,747	29.3
Social services		62,509		56,144	11.3
National defense		26,010		23,321	11.5
General public service		25,982		22,144	17.3
Net lending		777		(471)	
Debt Service Fund		74,763		60,871	22.8
3. Internal debt outstanding by level of government (million P)	1990	254,447.5	1989	237,249.6	7.2
National government		243,793.4		225,211.8	8.3
Local government		–		116.0	
Government corporations		6,625.8		5,879.0	12.7
Monetary institutions		4,028.3		6,042.8	(33.3)
4. Internal debt outstanding by period of maturity (million P)	1990	254,447.5	1989	237,249.6	7.2
Long term		20,634.2		20,910.3	(1.3)
Medium term		23,129.2		29,906.7	(22.7)
Short term		210,684.1		186,432.6	13.0
Chapter 16. Money and Banking					
1. Money supply (million pesos)	1990	89,012	1989	78,630	13.2
2. Loans and investments outstanding (million pesos)	1990	275,887.8	1989	214,836.0	28.4
Commercial banks		243,992.0		184,891.0	32.0
Rural banks		9,735.7		8,859.0	9.9
Development banks		6,139.9		5,053.4	21.5
Savings banks		16,020.2		16,032.6	(0.1)
3. Total assets and liabilities of Central Bank (million pesos)	1990		1989		
Total assets		444,893.2		385,889.7	15.3
Total liabilities		442,977.4		385,016.5	15.1
4. Total assets and liabilities of commercial banks (million pesos)	1990		1989		
Total assets		539,708.0		420,410.0	28.4
Total liabilities		477,874.0		372,890.0	28.2

SUMMARY OF MAJOR STATISTICAL SERIES (continued)

Statistical series	Latest data		Compared to		
	Reference period	Value	Reference period	Value	Percent change
5. Total assets and liabilities of development banks (million pesos)	1990		1989		
Total assets		11,251.3		8,527.4	31.9
Total liabilities		9,323.5		7,217.7	29.2
Chapter 17. Public Order, Safety and Justice					
1. Total Index Crime	1990		1989		
Philippines		249.1		239.3	4.1
Metro Manila		296.0		268.2	10.4
Outside Metro Manila		242.2		235.0	3.1
2. Traffic Accidents Incidence	1990	48,769	1989	47,903	1.8
3. Fire Incidence	1989	6,019	1988	4,818	24.9
4. Number of Policemen	1989	53,300	1988	53,374	(0.1)
5. Number of Firemen	1989	8,563	1988	8,511	0.6
6. Inflow & Outflow of Cases	1990		1989		
Inflow		360,556		671,598	(46.3)
Outflow		381,621		379,465	0.6
Pending		271,062		292,133	(7.2)
Chapter 18. Science and Technology					
1. Number of Patented Local Inventors	1990	386	1989	387	(0.3)
2. Number of Patented Foreign Inventors	1990	1,259	1989	1,207	4.3
3. Number of Technologies Commercialized and Diffused by the DOST	1989	184			
4. Number of R&D Projects completed by the DOST	1990	1,696			

1 POPULATION AND HOUSING

Chapter 1 presents the various demographic statistics that are essential in the formulation, implementation and evaluation of population policies of the government. The primary sources of population data are censuses and registration of vital events. Population censuses in the Philippines were undertaken by the National Statistics Office (NSO) on a more or less decennial basis until 1970 after which two quinquennial censuses were undertaken namely: the 1975 and the 1980 Census of Population and Housing (CPH). Ten years later the 1990 CPH was undertaken.

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

The chapter also provides population estimates for the country, by sex and by region for the period 1980 to 2030 under three assumptions: high, medium and low. The estimates were based on the revised population projections prepared by the NSO in late 1983 in collaboration with the Inter-Agency Committee on Population and Housing Statistics.

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

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Figure 1.1

POPULATION BY REGION, 1990

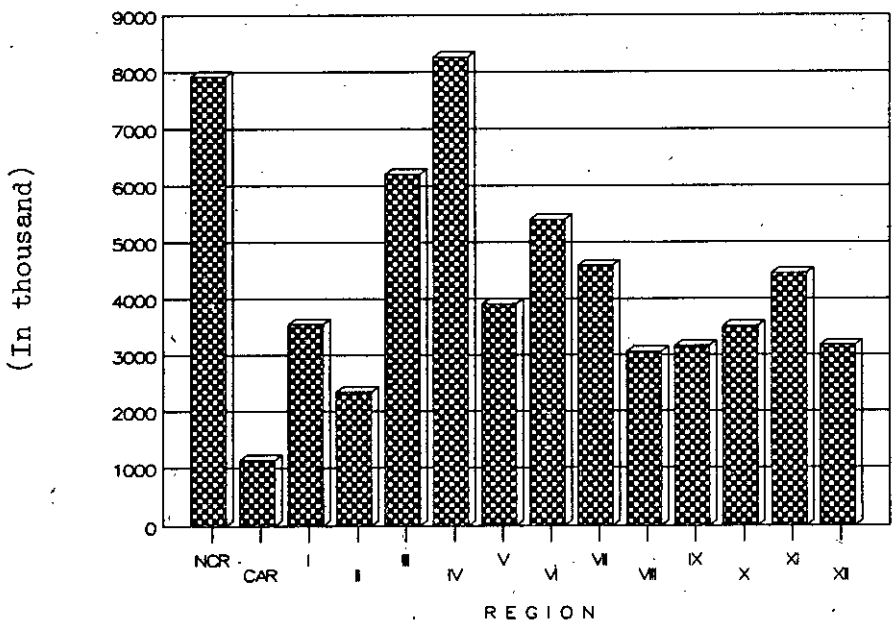

Figure 1.2

POPULATION DENSITY BY REGION, 1990

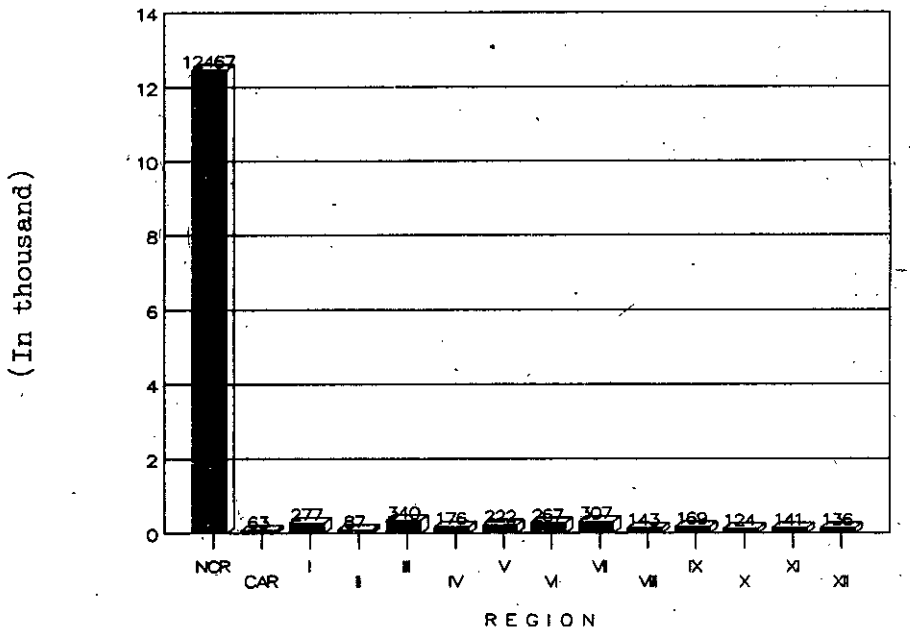

Table 1.1 – POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Philippines	**60,685**	**48,098**	**42,071**	**36,684**	**27,088**	**19,234**	**16,000**
Metropolitan Manila Area (NCR)	7,929	5,926	4,970	3,967	2,462	1,569	994
Manila	1,599	1,630	1,479	1,331	1,139	984	623
Caloocan City	761	468	397	274	145	55	39
Pasay City	367	288	255	206	133	89	55
Quezon City	1,667	1,166	957	754	398	111	39
Las Pinas	297	136	82	46	16	9	7
Makati	453	373	334	265	115	41	34
Malabon	278	191	175	142	76	46	33
Mandaluyong	245	205	182	149	72	26	18
Marikina	310	212	168	113	40	24	15
Muntinlupa	277	137	95	65	22	19	9
Navotas	187	126	97	83	49	29	21
Paranaque	308	209	159	97	62	29	21
Pasig	397	269	210	156	62	35	28
Pateros	51	40	33	25	13	8	7
San Juan del Monte	127	130	122	105	57	32	19
Taguig	266	134	74	55	22	15	12
Valenzuela	340	212	151	98	41	17	13
CAR	1,146	914	811	731	552	365	385
Abra	185	160	147	146	115	87	88
Benguet	486	355	302	264	184	110	122
Ifugao	147	111	105	92	77	50	69
Kalinga Apayao	212	185	163	136	90	56	47
Mt. Province	117	103	94	93	86	62	59
Region 1	3,551	2,924	2,727	2,488	2,042	1,685	1,460
Ilocos Norte	462	391	372	343	287	251	238
Ilocos Sur	520	444	420	385	338	276	272
La Union	549	453	415	374	293	237	208
Pangasinan	2,020	1,636	1,520	1,386	1,124	921	742
Region 2	2,341	1,919	1,665	1,463	1,035	669	600
Batanes	15	12	12	11	10	11	10
Cagayan	830	711	644	581	445	311	292
Isabela	1,080	871	730	649	442	264	220
Nueva Vizcaya	301	242	279	222	138	83	78
Quirino	114	83					

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

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

Source: National Statistics Office.

BY REGION AND PROVINCE: CENSUS YEARS 1939 to 1990

	Density (persons/sq km)						
Land area (sq km)	1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
300,000	202.3	160.3	140.2	122.3	90.3	64.1	53.3
636.0	12,467.0	9,317.4	7,814.5	6,236.9	3,871.8	2,467.0	1,561.3
38.3	41,749.3	42,571.4	38,619.2	34,746.4	29,728.7	25,689.5	16,279.2
55.8	13,638.0	8,383.8	7,118.3	4,918.5	2,607.9	980.8	695.7
13.9	26,402.9	20,702.9	18,345.3	14,840.5	9,544.8	6,383.3	3,968.4
166.2	10,030.1	7,014.8	5,757.3	4,539.4	2,394.6	668.9	234.7
41.5	7,156.6	3,289.5	1,966.5	1,102.0	387.8	223.6	164.4
29.9	15,150.5	12,462.6	11,185.6	8,860.1	3,830.8	1,382.4	1,121.4
23.4	11,880.3	8,162.4	7,473.4	6,047.6	3,266.6	1,985.3	1,422.4
26.0	9,423.1	7,898.7	7,010.3	5,746.4	2,754.6	1,011.9	700.0
38.9	7,969.2	5,439.9	4,330.4	2,915.2	1,040.0	600.3	389.9
46.7	5,931.5	2,926.7	2,024.9	1,393.1	468.8	394.9	198.9
2.6	71,923.1	48,517.7	37,345.4	32,017.3	18,946.9	11,111.2	8,023.5
38.3	8,041.8	5,445.2	4,150.7	2,538.2	1,616.1	754.2	551.6
13.0	30,538.5	20,659.2	16,147.3	12,037.8	4,779.2	2,723.6	2,118.5
10.4	4,903.8	3,873.8	3,155.9	2,448.8	1,266.6	805.8	688.5
10.4	12,211.5	12,508.5	11,778.1	10,053.8	5,467.4	3,028.2	1,814.4
33.7	7,893.2	3,980.3	2,187.0	1,693.7	648.5	455.2	358.7
47.0	7,234.0	4,518.4	3,204.4	2,094.8	882.4	356.2	286.6
18,293.6	62.6	50.0	44.3	40.0	30.2	20.0	21.0
3,975.5	46.5	40.3	37.0	36.6	29.0	21.8	22.1
2,655.4	183.0	113.6	113.8	99.3	69.2	41.4	45.9
2,517.8	58.4	44.2	41.6	36.7	30.5	19.8	27.0
7,047.6	30.1	26.3	23.2	19.3	12.7	8.0	6.7
2,097.3	55.8	49.1	44.9	44.4	40.9	29.6	28.1
12,840.2	276.6	227.7	212.4	193.8	159.0	131.2	113.7
3,399.3	135.9	114.9	109.4	101.0	84.5	74.0	70.0
2,579.6	201.6	172.0	162.7	149.3	131.1	107.1	105.4
1,493.1	367.7	303.1	277.7	250.3	196.5	159.0	139.3
5,368.2	376.3	304.8	283.2	258.2	209.4	171.5	138.2
26,837.6	87.2	71.5	62.0	54.5	38.6	24.9	22.4
209.3	57.8	57.8	56.7	54.5	49.3	51.1	43.0
9,002.7	79.0	79.0	71.5	64.6	49.5	34.6	32.4
10,664.5	81.6	81.6	68.5	60.8	41.5	24.8	20.6
6,961.1	46.7	46.7	40.1	31.9	19.8	11.9	11.2

Table 1.1 – POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Region 3	6,199	4,803	4,210	3,615	2,525	1,837	1,568
Bataan	426	323	263	216	145	93	86
Bulacan 1/	1,505	1,096	900	738	514	395	319
Nueva Ecija	1,313	1,069	948	851	608	468	417
Pampanga	1,533	1,182	1,042	907	617	416	375
Tarlac	860	689	641	560	427	327	264
Zambales	563	444	416	343	213	138	107
Region 4	8,266	6,119	5,214	4,456	3,081	2,084	1,812
Aurora	140	107	a	a	a	a	a
Batangas	1,477	1,174	1,032	926	681	510	442
Cavite	1,153	771	628	520	378	263	239
Laguna	1,370	973	804	700	472	321	280
Marinduque	186	174	163	144	115	86	82
Occidental Mindoro	283	222	186	144	84	43	39
Oriental Mindoro	550	447	389	328	229	125	92
Palawan	528	372	300	237	163	106	94
Quezon	1,372	1,129	1,116	983	653	417	359
Rizal 2/	980	556	414	307	174	106	88
Romblon	228	193	182	167	132	109	99
Region 5	3,910	3,477	3,194	2,967	2,363	1,666	1,347
Albay	903	809	729	674	515	395	334
Camarines Norte	391	308	288	262	188	104	98
Camarines Sur	1,306	1,099	1,024	948	820	554	386
Catanduanes	187	175	173	162	156	112	99
Masbate	600	585	533	493	336	211	182
Sorsogon	523	501	447	427	348	291	248
Region 6	5,392	4,526	4,146	3,618	3,078	2,531	2,174
Aklan	380	325	293	263	226	197	177
Antique	406	345	308	289	238	234	199
Capiz	584	492	446	394	315	245	229
Iloilo 3/	1,765	1,434	1,313	1,168	966	816	744
Negros Occidental	2,257	1,930	1,786	1,504	1,332	1,039	825
Region 7	4,593	3,787	3,387	3,033	2,523	2,120	1,954
Bohol	948	806	759	683	592	553	492
Cebu	2,646	2,092	1,818	1,634	1,333	1,123	1,068
Negros Oriental	925	819	740	652	538	386	335
Siquijor	74	70	69	63	60	57	60

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

Land area (sq km)	Density (persons/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
18,230.8	340.0	263.4	230.9	198.3	138.5	100.8	86.1
1,373.0	310.3	235.4	191.7	157.5	105.8	67.7	62.6
2,625.0	573.3	417.5	342.7	281.1	195.9	150.1	121.9
5,284.3	248.5	202.4	179.4	161.1	115.1	88.6	78.9
2,180.7	703.0	541.8	477.9	416.0	283.1	191.2	172.0
3,053.4	281.7	225.5	209.9	183.3	139.7	107.1	86.5
3,714.4	151.6	119.5	112.1	92.4	57.5	37.4	28.8
46,924.2	176.2	130.4	111.1	95.0	65.7	44.4	38.7
3,165.8	466.5	370.9	326.0	292.6	215.2	161.1	139.6
1,287.6	895.5	599.0	488.0	404.0	293.7	204.3	185.6
1,759.7	778.5	553.0	456.8	397.6	268.3	182.4	159.1
959.2	193.9	181.1	169.7	150.2	119.5	89.7	85.5
5,879.8	48.1	37.8	31.6	24.5	14.3	7.3	6.6
4,364.7	126.0	102.4	89.1	75.2	52.5	28.6	21.3
14,896.3	35.4	25.0	20.1	15.9	10.9	7.1	6.3
11,946.3	114.8	103.5	93.4	82.3	54.7	34.9	30.1
1,308.9	748.7	424.4	316.4	234.7	132.9	80.2	67.2
1,355.9	168.2	142.5	134.4	123.2	97.1	80.4	73.0
17,632.5	221.7	197.2	181.1	168.3	134.0	94.5	76.4
2,552.6	353.8	317.0	285.5	264.0	201.7	154.6	130.8
2,112.5	185.1	145.8	136.5	124.1	89.0	49.1	46.4
5,266.8	248.0	208.7	194.4	180.1	155.6	105.1	73.3
1,511.5	123.7	115.9	114.3	107.4	103.4	74.2	65.5
4,047.7	148.2	144.4	131.8	121.8	83.0	52.2	45.0
2,141.4	244.2	233.8	208.5	199.4	162.4	135.9	115.8
20,223.2	266.6	223.8	205.0	178.9	152.2	125.1	107.5
1,817.9	209.0	178.5	161.4	144.9	124.4	108.4	97.4
2,522.0	161.0	136.7	122.3	114.7	94.5	92.4	78.9
2,633.2	221.8	186.9	169.3	149.6	119.7	93.0	87.0
5,324.0	331.5	269.3	246.6	219.4	181.7	153.3	139.7
7,926.1	284.8	243.5	225.3	189.7	168.1	131.0	104.1
14,951.4	307.2	253.3	226.6	202.8	168.7	141.8	130.7
4,117.3	230.2	195.8	184.4	166.0	143.8	134.4	119.5
5,088.4	520.0	411.0	357.4	321.2	261.9	220.7	209.9
5,402.3	171.2	151.7	137.1	120.7	99.6	71.5	62.0
343.5	215.4	204.8	201.1	183.3	173.4	165.9	174.7

Table 1.1 – POPULATION, LAND AREA AND DENSITY

Region and province	Population (thousands) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
Region 8	3,055	2,800	2,600	2,381	2,041	1,764	1,462
Leyte 4/	1,487	1,303	1,203	1,111	963	819	743
Southern Leyte	322	296	276	251	210	188	173
Eastern Samar	329	321	287	271	238	198	154
Northern Samar	384	379	355	306	261	228	155
Western Samar	534	501	478	442	369	331	237
Region 9	3,159	2,529	2,048	1,869	1,351	763	603
Basilan	243	201	171	144	156	110	57
Sulu	470	360	240	315	248	182	201
Tawi-Tawi	228	195	143	110	79	59	46
Zamboanga del Norte	674	588	491	409	281	168	139
Zamboanga del Sur	1,544	1,184	1,003	890	587	244	160
Region 10	3,510	2,759	2,314	1,953	1,297	922	706
Agusan del Norte	465	365	301	278	177	89	64
Agusan del Sur	421	265	213	175	94	38	35
Bukidnon	844	632	533	415	194	63	58
Camiguin	64	57	53	54	45	70	41
Misamis Occidental	424	386	356	320	248	208	210
Misamis Oriental	865	690	560	473	344	300	173
Surigao del Norte	426	363	298	239	195	155	126
Region 11	4,457	3,347	2,715	2,201	1,353	578	451
Davao del Norte	1,055	725	590	443	263	91	60
Davao del Sur	1,483	1,134	936	785	498	205	172
Davao Oriental	395	340	299	248	133	68	61
South Cotabato	1,073	770	587	466	295	103	58
Surigao del Sur	452	378	302	259	165	110	100
Region 12	3,171	2,271	2,070	1,941	1,383	681	484
Lanao del Norte	614	461	381	350	271	132	99
Lanao del Sur	600	405	500	456	378	212	144
Maguindanao	758	537	478	421	377	245	137
North Cotabato	764	565	472	468	279	87	50
Sultan Kudarat	436	304	239	247	78	5	54

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

Land area (sq km)	Density (persons/sq km) 1990 (May 1)	1980 (May 1)	1975 (May 1)	1970 (May 6)	1960 (Feb 15)	1948 (Oct 1)	1939 (Jan 1)
21,432.7	142.5	130.6	121.3	111.1	95.2	82.3	68.2
6,268.3	237.2	207.8	191.9	177.2	153.7	130.7	118.6
1,734.8	185.6	170.8	159.3	144.9	120.8	108.1	99.7
4,339.6	75.8	73.9	66.2	62.4	54.8	45.6	35.7
3,498.9	109.7	108.2	101.4	87.5	74.7	65.2	44.3
5,591.0	95.5	89.7	85.6	79.1	66.0	59.2	42.4
18,730.1	168.7	135.3	109.6	100.0	72.3	40.8	32.3
1,372.2	177.1	151.8	128.9	108.4	117.3	82.9	42.9
1,600.4	293.7	225.3	150.0	197.1	155.2	113.7	125.6
1,087.4	209.7	179.0	132.0	101.3	72.3	54.3	32.3
6,618.1	101.8	88.8	74.1	61.9	42.5	25.3	21.0
8,052.0	191.8	147.0	124.5	110.6	72.9	30.3	19.9
28,327.7	123.9	97.4	81.7	68.9	45.8	32.6	25.0
2,590.3	179.5	141.1	116.1	107.3	68.5	34.4	24.7
8,965.5	47.0	29.6	23.8	19.5	10.4	4.2	3.9
8,293.8	101.8	76.2	64.2	50.0	23.4	7.6	7.0
229.8	278.5	248.6	228.7	234.6	194.6	304.6	178.4
1,939.3	218.6	199.2	183.7	164.9	128.1	107.3	108.3
3,570.1	242.3	193.3	157.0	132.4	96.3	84.0	48.5
2,739.0	155.5	132.7	108.8	87.2	71.2	56.6	46.0
31,692.8	140.6	105.6	85.6	69.4	42.7	18.2	14.2
8,129.8	129.8	89.2	72.5	54.4	32.3	11.2	7.4
6,377.6	232.5	177.7	146.8	123.1	78.0	32.1	26.8
5,164.5	76.5	65.8	58.0	48.0	25.7	13.2	11.8
7,468.8	143.7	103.2	78.6	62.4	39.5	13.8	7.8
4,552.2	99.3	83.0	66.4	56.8	36.2	24.2	22.0
23,323.2	136.0	97.5	88.9	83.3	59.4	29.2	20.8
3,092.0	198.6	149.1	123.3	113.2	87.5	42.7	32.0
3,872.9	154.9	104.6	129.1	117.6	97.7	54.7	37.2
5,077.6	149.3	106.3	94.7	83.4	68.9	42.9	25.0
6,565.9	116.4	86.0	71.9	71.3	42.6	11.8	7.6
4,714.8	92.5	64.4	50.6	52.3	18.1	5.8	12.6

Table 1.2 – POPULATION, LAND AREA AND DENSITY

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

a Abolished in December 1975 under P. D. 840

Source: National Statistics Office.

BY CITY: CENSUS YEARS 1948 to 1990

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

Table 1.2 – POPULATION, LAND AREA AND DENSITY

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

BY CITY: CENSUS YEARS 1948 to 1990 (continued)

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

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

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

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

Source: National Statistics Office.

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

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

Table 1.4 – POPULATION BY AGE GROUP AND SEX
(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

Source: National Statistics Office.

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

Table 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

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 1.3
DISTRIBUTION OF REGISTERED
FILIPINO MIGRANTS BY SEX, 1981-1990

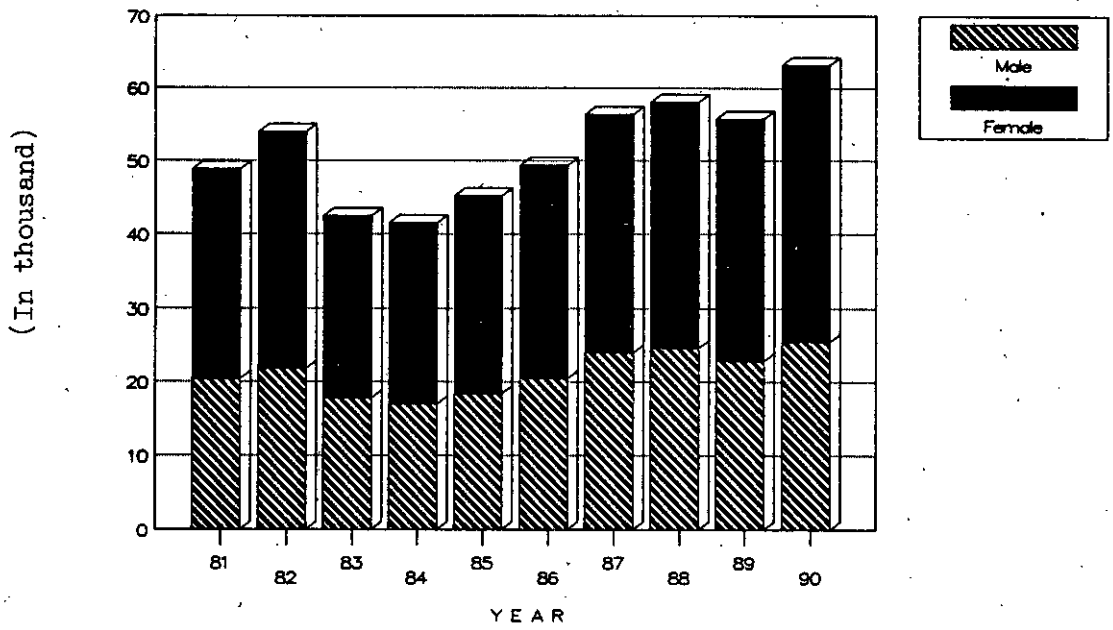

Figure 1.4
DISTRIBUTION OF REGISTERED
FILIPINO MIGRANTS BY AGE, 1990

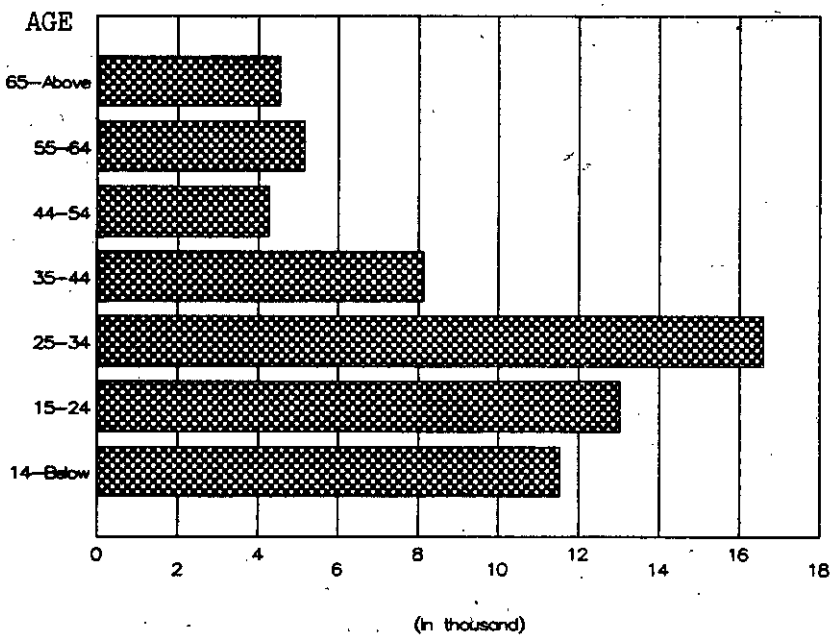

Table 1.5 – POPULATION OF THE PHILIPPINES: CENSUS YEARS 1799–1990

Year	Population	Average annual rate of increase over previous date (percent)	Source of data
1799 1/	1,502,574	...	Buzeta
1800 1/	1,561,251	3.90000	Zuniga
1812 1/	1,933,331	1.79727	Cedulas
1819 1/	2,106,230	1.23119	Cedulas
1829 1/	2,593,287	2.10204	Church
1840 1/	3,096,031	1.62391	Local officials
1850 1/	3,857,424	2.23312	Buzeta
1858 1/	4,290,381	1.33859	Bowring
1870 1/	4,712,006	0.78419	Guia de Manila
1877 1/	5,567,685	2.41243	Census
1887 1/	5,984,727	0.72492	Census
1896 1/	6,261,339	0.50329	Prof. Plehn's estimate based on census records.
1903 2/	7,635,426	2.87489	Census
1918 3/	10,314,310	1.89735	Census
1939	16,000,303	2.21955	Census
1948	19,234,182	1.90601	Census
1960	27,087,685	3.05710	Census
1970	36,684,486	3.01190	Census
1975	42,070,660	2.78572	Census
1980	48,098,460	2.71417	Census
1990	60,684,887	2.35179	Census

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

Source: National Statistics Office.

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

Source: National Statistics Office.

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

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

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

Year	Philippines			Metropolitan Manila Area (National Capital Region)		
	Both sexes	Male	Female	Both sexes	Male	Female
2001	72,200	36,307	35,893	9,657	4,596	5,061
2002	73,094	36,759	36,333	9,794	4,659	5,134
2003	74,003	37,222	36,781	9,930	4,722	5,208
2004	74,925	37,690	37,235	10,066	4,786	5,280
2005	75,859	38,164	37,695	10,201	4,849	5,352
2006	76,803	38,644	38,159	10,336	4,912	5,424
2007	77,756	39,128	38,628	10,470	4,974	5,495
2008	78,717	39,616	39,101	10,603	5,037	5,566
2009	79,683	40,107	39,576	10,735	5,099	5,635
2010	80,654	40,600	40,053	10,865	5,161	5,704
2011	81,626	41,094	40,531	10,994	5,222	5,772
2012	82,596	41,588	41,008	11,120	5,283	5,838
2013	83,562	42,080	41,482	11,244	5,342	5,902
2014	84,521	42,568	41,953	11,366	5,400	5,965
2015	85,471	43,052	42,420	11,483	5,457	6,026
2016	86,408	43,530	42,878	11,597	5,512	6,085
2017	87,331	44,001	43,330	11,708	5,566	6,142
2018	88,237	44,464	43,773	11,814	5,617	6,196
2019	89,124	44,917	44,207	11,915	5,667	6,248
2020	89,988	45,359	44,629	12,011	5,714	6,297
2021	90,828	45,789	45,039	12,101	5,759	6,343
2022	91,641	46,206	45,434	12,186	5,801	6,385
2023	92,425	46,609	45,816	12.264	5,840	6,424
2024	93,180	46,998	46,182	12,336	5,876	6,459
2025	93,906	47,373	46,533	12,401	5,910	6,491
2026	94,602	47,733	46,869	12,459	5,940	6,519
2027	95,269	48,079	47,189	12,511	5,968	6,543
2028	95,907	48,412	47,495	12,557	5,993	6,564
2029	96,517	48,731	47,786	12,596	6,016	6,581
2030	97,099	49,037	48,062	12,629	6,035	6,594

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

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

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

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

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

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

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

Source: National Statistics Office.

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

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

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

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

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

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

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

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

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

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

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

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

Source: National Statistics Office.

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

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

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

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

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

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

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

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

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

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

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

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

BY SEX AND BY REGION: 1980 to 2030 (continued)
Moderate Mortality Decline)
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Region 5			Region 6			Region 7		
Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
5,633	2,870	2,763	7,131	3,589	3,542	5,671	2,871	2,800
5,747	2,928	2,819	7,261	3,655	3,606	5,764	2,920	2,844
5,862	2,987	2,875	7,389	3,721	3,668	5,857	2,969	2,888
5,976	3,046	2,930	7,517	3,786	3,731	5,950	3,018	2,932
6,091	3,105	2,986	7,645	3,852	3,793	6,041	3,066	2,975
6,205	3,163	3,042	7,771	3,916	3,855	6,132	3,114	3,018
6,319	3,222	3,097	7,898	3,981	3,917	6,223	3,162	3,061
6,432	3,280	3,152	8,022	4,044	3,978	6,312	3,209	3,103
6,544	3,338	3,206	8,145	4,107	4,038	6,400	3,255	3,145
6,656	3,395	3,261	8,267	4,169	4,098	6,487	3,301	3,186
6,767	3,452	3,315	8,387	4,230	4,157	6,574	3,347	3,227
6,877	3,509	3,368	8,506	4,291	4,215	6,658	3,391	3,267
6,984	3,564	3,420	8,622	4,350	4,272	6,741	3,435	3,306
7,091	3,619	3,472	8,735	4,407	4,328	6,822	3,478	3,344
7,196	3,673	3,523	8,847	4,464	4,383	6,901	3,520	3,381
7,300	3,726	3,574	8,955	4,519	4,436	6,977	3,560	3,417
7,400	3,777	3,623	9,059	4,572	4,487	7,051	3,600	3,451
7,499	3,828	3,671	9,160	4,623	4,537	7,122	3,638	3,484
7,595	3,877	3,718	9,259	4,673	4,586	7,192	3,675	3,517
7,689	3,925	3,764	9,353	4,721	4,632	7,257	3,710	3,547
7,783	3,973	3,810	9,445	4,767	4,678	7,322	3,745	3,577
7,877	4,021	3,856	9,537	4,814	4,723	7,386	3,779	3,607
7,973	4,070	3,903	9,629	4,861	4,768	7,450	3,814	3,636
8,070	4,120	3,950	9,720	4,907	4,813	7,514	3,848	3,666
8,168	4,170	3,998	9,811	4,953	4,858	7,577	3,882	3,695
8,266	4,220	4,046	9,902	4,999	4,903	7,639	3,916	3,723
8,365	4,271	4,094	9,991	5,044	4,947	7,701	3,950	3,751
8,465	4,323	4,142	10,079	5,089	4,990	7,761	3,983	3,778
8,565	4,374	4,191	10,167	5,134	5,033	7,821	4,016	3,805
8,665	4,425	4,240	10,254	5,178	5,076	7,881	4,049	3,832

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

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

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

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

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

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

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

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

Table 1.10 – INTER-REGIONAL MIGRANTS

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

Table 1.10 – INTER-REGIONAL MIGRANTS

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

Source: National Statistics Office.

IN THE PHILIPPINES, BY SEX: 1975 to 1980

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

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

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

Table 1.11 – DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS BY COUNTRY OF DESTINATION: 1981 to 1990

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

Source: Commission on Filipinos Overseas.

Figure 1.5
DISTRIBUTION OF REGISTERED FILIPINO EMIGRANTS
BY COUNTRY OF DESTINATION, 1990

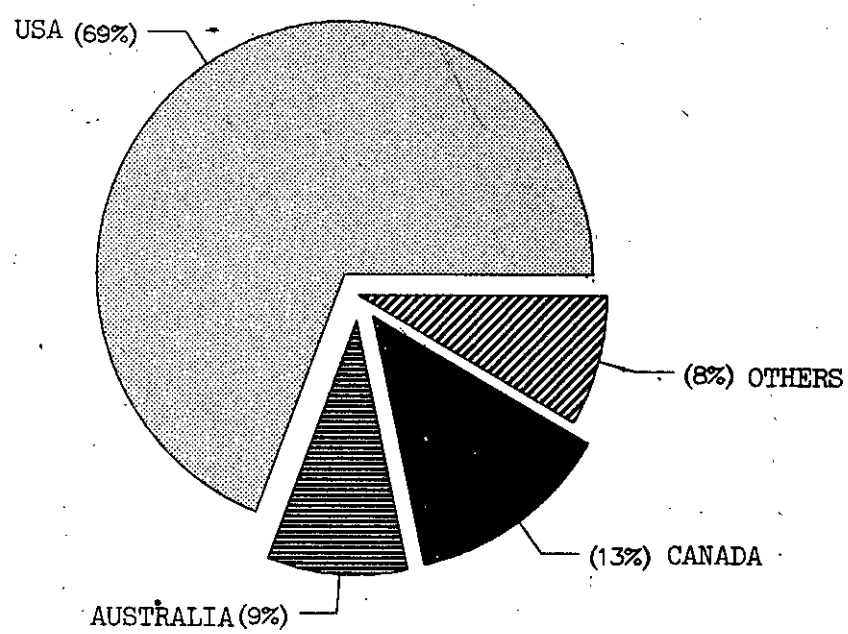

Table 1.12 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY SEX : 1981 to 1990

Year	Total	Male	Female
1981	48,867	20,350	28,517
1982	53,953	21,752	32,201
1983	42,481	17,816	24,665
1984	41,551	16,970	24,581
1985	45,269	18,409	26,860
1986	49,338	20,408	28,930
1987	56,350	23,921	32,429
1988	58,066	24,620	33,394
1989	55,703	22,784	32,907
1990	63,208	25,421	37,779

Source: Commission on Filipinos Overseas.

Table 1.13 – DISTRIBUTION OF REGISTERED FILIPINO MIGRANTS BY AGE : 1981 to 1990

Year	Total	14–Below	15–24	25–34	35–44	44–54	55–64	65–Above
1981	48,867	9,588	10,558	9,967	4,244	3,685	6,023	4,802
1982	53,953	9,100	10,606	12,000	6,248	4,547	6,208	5,244
1983	42,481	8,433	9,662	8,982	4,087	3,116	4,825	3,376
1984	41,551	8,199	9,394	9,304	4,398	3,187	4,116	2,953
1985	45,269	9,154	10,018	9,753	4,510	3,413	4,802	3,619
1986	49,338	10,524	11,032	10,645	5,034	3,430	4,915	3,758
1987	56,350	12,407	11,674	13,305	6,403	3,685	4,990	3,886
1988	58,066	12,579	11,537	13,259	7,852	3,980	4,705	4,102
1989	55,703	11,696	11,079	13,779	7,524	3,907	4,100	3,618
1990	63,208	11,515	13,016	16,584	8,130	4,259	5,157	4,539

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 and 1988 income and expenditure data reflected in this volume are the final results of the 1985 and 1988 Family Income and Expenditures Survey (FIES) conducted by the National Statistics Office (NSO).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Figure 2.1
TOTAL NUMBER OF FAMILIES
BY INCOME CLASS, PHILIPPINES, 1988

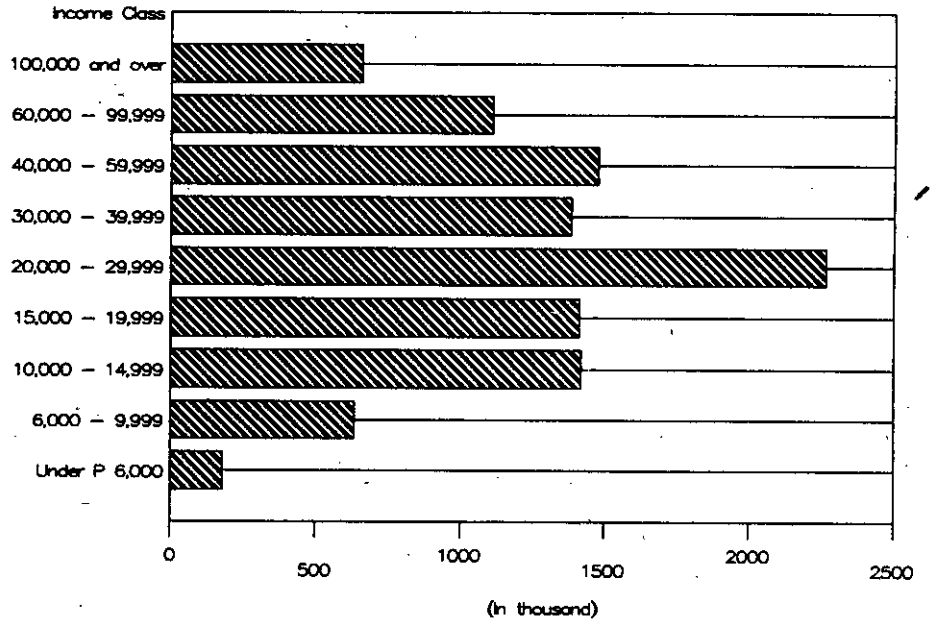

Figure 2.2
INFLATION RATE, PHILIPPINES, 1981-1990

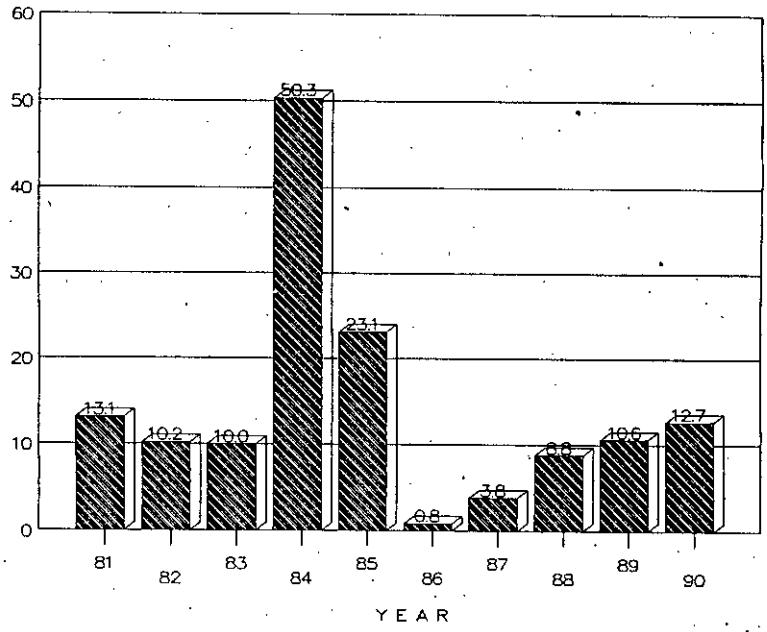

Table 2.1 – TOTAL NUMBER OF FAMILIES, BY INCOME CLASS, PHILIPPINES:

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: Family Income and Expenditure Survey, National Statistics Office.

TOTAL AND AVERAGE FAMILY INCOME
1961, 1965 and 1971

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

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

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

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

Source: National Statistics Office.

AVERAGE FAMILY INCOME AND EXPENDITURES
PHILIPPINES: 1985 and 1988

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

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

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

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

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

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

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

Table 2.4 – NUMBER OF FAMILIES, AVERAGE ANNUAL

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

Notes: 1. Final results of the 1988 FIES exclude data for Rizal Province as fire destroyed the accomplished questionnaires of this province.
2. The real average family income and expenditures for each region in 1988 were derived using the respective regional CPIs with base year 1985 as deflators.

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

INCOME AND EXPENDITURES BY REGION: 1985 and 1988

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

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

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

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

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

AND AVERAGE FAMILY INCOME AND EXPENDITURES
URBAN AND RURAL
1988

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

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

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

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

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

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

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

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

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

Figure 2.3
TOTAL NUMBER OF FAMILIES
BY MAIN SOURCE OF INCOME, PHILIPPINES
1985 and 1988

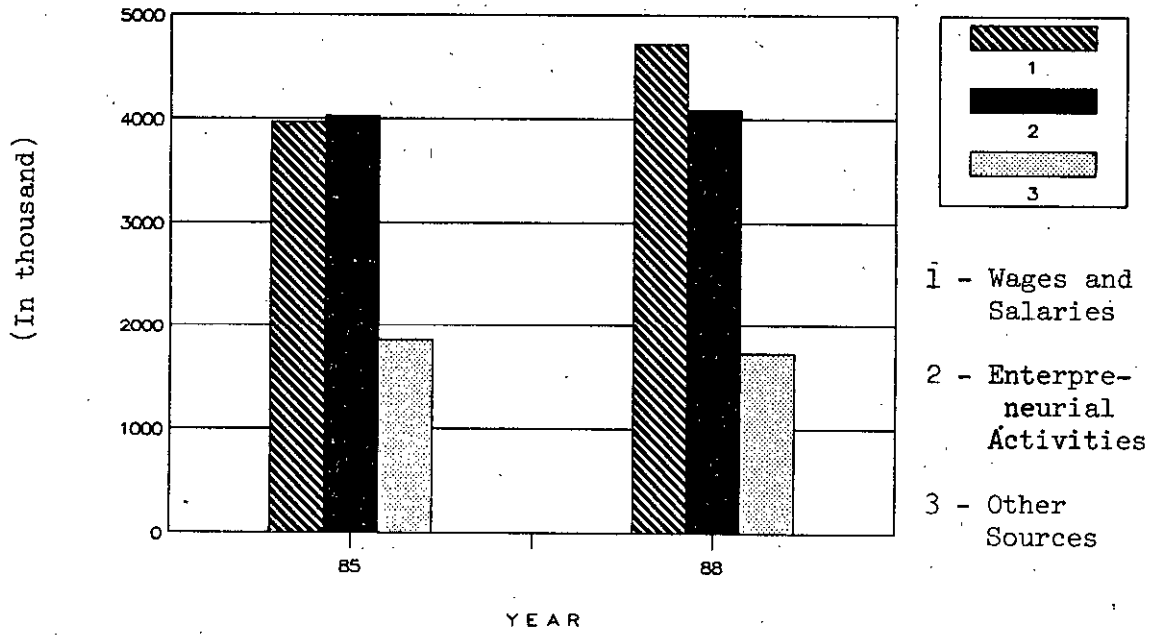

Table 2.8 – PERCENTAGE DISTRIBUTION OF TOTAL FAMILY INCOME BY INCOME DECILE, PHILIPPINES: 1961, 1965, 1971, 1985 and 1988

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	47.3
Cereals and cereal preparation	20.2	21.1	19.6	18.5	15.9
Fish and marine products	10.5	9.3	8.9	7.9	7.5
Meat, meat preparations, dairy products and eggs	7.9	8.4	9.7	10.3	10.3
Roots, tubers, fruits & vegetables	6.1	5.0	5.5	5.3	5.8
Miscellaneous	6.9	6.9	7.4	6.7	7.9
Food regularly consumed outside the home	2.3	2.9	2.7	3.1	3.4
Alcoholic beverages	1.7	1.6	1.7	1.1	1.1
Tobacco	4.2	3.2	3.3	2.3	2.1
Housing	8.3	9.1	9.4	12.7	12.8
Fuel, light and water	4.0	3.6	3.6	5.5	5.2
Household furnishings & equipment	2.1	2.0	2.3	1.9	2.2
Household operations	2.6	2.5	2.4	2.4	2.5
Clothing, footwear & other wear	7.0	6.5	6.2	3.6	4.2
Personal care and effects	2.3	2.5	2.2	2.1	3.3
Medical care	1.7	1.7	1.8	2.1	1.7
Transportation & communication	2.3	2.6	2.9	4.4	4.7
Recreation	1.8	1.8	1.8	0.4	0.5
Education	3.1	3.5	3.7	3.5	2.9
Gifts and contributions	0.9	0.9	0.6	1.0	1.0
Taxes	0.4	0.6	0.3	1.0	1.1
Special occasions	2.3	2.7	2.5	2.2	2.3
Other expenditures	1.4	1.5	1.5	1.8	1.8

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

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

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

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

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

2/ Proportion of families below poverty level.

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

Table 2.11 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS AND INFLATION RATE: 1973 to 1991

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
1990	499.7	12.7	548.4	14.9	465.3	12.2
January	478.8	13.1	509.3	12.0	172.9	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
October	515.1	12.0	571.5	15.8	504.2	11.2
November	525.5	13.1	580.6	16.6	514.8	12.3
December	543.0	14.2	603.9	18.8	531.3	13.3
1991						
January	558.1	16.6	615.7	20.9	547.0	15.7
February	567.3	18.3	620.8	21.1	557.0	17.7
March	571.4	18.8	627.7	21.6	560.5	18.2
April	576.0	18.9	633.1	20.0	565.2	18.7
May	579.6	18.8	636.8	19.6	568.6	18.7
June	587.3	19.2	646.6	19.2	575.8	19.1
July	592.5	18.4	651.7	17.1	581.1	18.6

Table 2.12 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE PHILIPPINES: 1973 to 1991

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
1990	499.7	429.5	470.3	454.6	576.2	440.2	420.7
January	478.8	412.2	453.8	425.4	538.7	415.1	403.7
February	479.6	412.3	456.5	430.9	550.2	416.8	406.2
March	481.0	409.4	459.5	433.7	551.7	417.5	408.7
April	484.5	410.6	462.2	440.8	556.5	420.4	411.0
May	487.6	416.5	465.2	443.9	559.4	421.3	413.8
June	492.9	423.7	468.9	454.0	569.7	439.0	419.3
July	500.6	429.7	471.9	459.9	574.7	443.9	422.1
August	502.2	439.0	475.5	464.8	581.3	448.7	426.6
September	505.8	442.3	476.8	468.2	589.8	452.8	429.8
October	515.1	446.4	480.1	475.3	597.7	454.6	433.0
November	525.5	452.1	484.2	478.3	604.1	458.8	435.8
December	543.0	459.3	488.9	480.1	640.3	493.1	438.0
1991							
January	558.1	518.7	562.1	566.8	868.2	653.4	496.0
February	567.3	523.9	573.1	586.8	890.8	662.4	510.2
March	571.4	525.9	579.8	594.9	901.3	665.8	519.1
April	576.2	529.2	586.0	602.7	912.4	669.3	526.6
May	579.5	531.5	592.4	605.0	915.5	675.2	532.6
June	587.3	535.2	600.4	612.2	920.2	707.3	539.2
July	592.5	541.0	606.1	618.2	921.5	711.4	544.0

Source: National Statistics Office.

Table 2.13 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN METROPOLITAN MANILA AREA (NCR): 1973 to 1991 (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
1990	548.4	512.3	549.1	616.2	936.6	517.6	446.6
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	435.4
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
October	571.5	531.0	563.4	661.8	978.1	534.4	461.5
November	580.6	536.5	570.0	663.6	1,056.3	543.1	466.2
December	603.9	550.4	579.7	664.7	1,164.6	605.6	474.4
1991							
January	615.7	558.7	593.3	672.5	1,195.2	627.6	481.1
February	620.8	551.1	598.7	710.8	1,200.4	635.7	492.4
March	627.7	557.4	600.2	730.6	1,203.9	635.7	499.7
April	633.1	562.7	606.9	731.1	1,207.3	643.8	509.6
May	636.7	567.1	610.9	731.4	1,212.8	646.2	515.4
June	646.6	573.4	620.1	734.3	1,211.7	679.4	523.6
July	651.7	578.8	623.0	739.7	1,212.2	685.1	530.0

Source: National Statistics Office.

Table 2.14 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN AREAS OUTSIDE METROPOLITAN MANILA AREA: 1973 to 1991 (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
1990	490.3	468.3	505.7	488.0	681.0	545.2	459.5
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
October	504.2	479.0	519.2	499.8	725.0	559.9	468.5
November	514.8	487.6	529.1	507.2	743.4	685.2	475.7
December	531.3	500.2	537.9	513.8	768.3	641.7	485.5
1991							
January	547.0	512.5	555.8	533.7	807.6	661.2	499.0
February	557.0	519.7	567.9	548.1	833.4	670.4	513.8
March	560.5	521.0	575.7	552.5	845.2	674.9	523.0
April	565.2	524.0	581.8	562.6	857.7	677.0	530.0
May	568.5	526.0	588.7	565.5	860.4	683.9	536.0
June	575.8	529.3	596.4	574.0	866.2	715.7	542.3
July	581.1	535.1	602.7	580.2	867.6	719.4	546.8

Source: National Statistics Office.

Table 2.15 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN THE CORDILLERA AUTONOMOUS REGION: 1988 to 1991 (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
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	506.8	455.2	450.9	757.8	529.8	599.5	469.2
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
October	531.7	477.1	458.2	760.2	594.6	680.5	481.1
November	536.2	476.2	461.4	760.7	607.6	724.4	484.2
December	546.3	476.8	466.6	761.5	623.9	810.4	496.5
1991							
January	554.8	487.6	473.2	765.2	667.2	829.3	509.8
February	564.5	494.7	481.3	767.0	672.4	835.8	519.2
March	566.3	496.5	485.0	767.5	677.5	836.2	521.9
April	573.0	503.9	498.5	768.9	683.6	837.8	531.2
May	579.2	510.0	507.2	773.8	691.4	842.3	539.0
June	583.2	513.2	514.8	774.2	699.1	852.6	542.5
July	587.0	515.9	527.3	776.2	703.9	854.3	552.7

Cordillera Autonomous Region (CAR) is composed of the provinces of Abra, Benguet, Ifugao, Kalinga-Apayao and Mt. Province. Started in 1988.
Source: National Statistics Office.

Table 2.16 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION I (ILOCOS): 1973 to 1991 (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
1990	479.0	461.0	510.1	377.8	674.9	549.0	509.0
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
October	501.0	489.4	519.3	379.4	705.2	565.3	523.0
November	508.9	493.8	528.3	382.7	721.1	595.5	530.6
December	521.4	501.7	532.8	384.0	737.3	652.1	547.9
1991							
January	525.1	495.5	542.9	395.3	788.7	669.7	553.9
February	528.5	493.4	564.6	398.2	814.2	675.8	564.9
March	535.6	500.5	485.0	400.6	827.5	678.2	575.3
April	549.9	506.9	496.0	432.9	896.7	683.5	583.9
May	551.7	507.5	600.8	433.3	901.3	685.0	592.2
June	562.8	513.6	609.5	433.6	901.3	754.9	600.7
July	571.4	523.2	612.6	451.8	903.8	757.1	602.7

Source: National Statistics Office.

Table 2.17 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 2 (CAGAYAN VALLEY): 1973 to 1991 (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
1990	487.7	467.7	510.0	488.5	551.8	602.3	473.3
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
October	507.5	488.4	527.3	498.6	578.0	626.8	483.1
November	517.7	496.3	530.6	499.5	585.6	673.0	487.5
December	528.4	499.4	539.4	500.6	603.6	748.2	492.5
1991							
January	538.3	505.5	563.0	514.7	620.7	767.2	505.9
February	541.9	507.8	569.9	515.8	625.8	768.2	515.2
March	544.0	504.2	580.1	529.3	637.8	779.4	527.9
April	551.8	513.8	584.7	536.2	641.4	782.8	532.5
May	552.7	513.3	590.6	538.5	642.7	785.8	535.6
June	557.3	518.3	592.5	542.6	645.1	791.7	539.7
July	562.3	524.6	597.0	543.6	644.4	794.1	543.4

Source: National Statistics Office.

Table 2.18 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 3 (CENTRAL LUZON): 1973 to 1991 (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
1990	509.2	495.1	524.0	455.0	664.8	587.5	464.0
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
October	526.7	516.4	536.0	459.4	688.5	607.8	470.0
November	535.8	525.7	540.7	460.3	690.4	636.3	472.9
December	550.6	534.4	548.7	464.1	722.3	699.8	480.9
1991							
January	561.7	543.5	572.8	470.9	744.1	709.3	494.3
February	570.0	548.4	583.9	475.9	769.8	718.9	516.2
March	571.1	546.7	592.1	476.6	778.7	721.8	522.9
April	580.1	558.9	598.4	476.8	779.4	725.4	535.3
May	587.9	566.4	609.2	482.1	780.0	737.6	545.5
June	601.2	573.0	623.6	489.3	789.5	800.9	555.2
July	608.1	582.4	633.7	489.7	780.9	809.1	557.2

Source: National Statistics Office.

Table 2.19 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 4 (SOUTHERN TAGALOG): 1973 to 1991 (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
1990	483.1	477.9	534.6	432.6	552.2	518.0	463.4
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
October	499.2	492.3	549.2	443.3	583.1	548.7	474.9
November	507.3	500.1	560.0	445.4	591.2	564.7	482.5
December	522.3	512.8	572.1	452.1	609.6	608.6	490.6
1991							
January	538.8	523.2	594.5	485.9	640.6	627.8	508.4
February	551.2	529.1	604.6	520.2	682.4	639.4	520.3
March	556.0	522.4	613.2	523.2	390.7	646.6	530.3
April	560.4	532.6	618.6	551.0	688.4	648.8	533.8
May	564.2	536.0	626.4	553.0	690.3	653.3	539.9
June	569.5	538.5	632.6	558.8	693.3	676.1	544.4
July	575.2	543.4	639.0	571.6	693.8	680.0	548.4

Source: National Statistics Office.

Table 2.20 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 5 (BICOL): 1973 to 1991 (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
1990	489.1	470.0	515.7	493.2	603.8	485.9	491.5
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
October	501.7	480.3	524.4	504.2	646.7	500.5	497.9
November	511.0	489.1	536.9	508.7	652.0	520.5	501.4
December	524.4	499.9	545.2	512.8	675.0	570.9	508.8
1991							
January	549.2	523.9	565.6	524.2	719.9	606.5	530.0
February	558.2	527.9	581.4	537.5	753.0	613.1	543.1
March	563.7	530.5	592.6	542.9	774.6	615.5	552.2
April	563.6	527.0	596.2	544.8	788.7	617.0	555.8
May	568.3	529.8	604.2	547.7	799.2	624.8	564.6
June	572.3	531.4	611.7	551.0	798.8	643.5	572.9
July	577.0	537.1	616.2	556.3	799.1	645.0	575.8

Source: National Statistics Office.

Table 2.21 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 6 (WESTERN VISAYAS): 1973 to 1991 (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
1990	506.7	471.8	504.5	510.2	820.0	541.8	492.0
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	828.5	554.8	493.8
October	521.5	480.1	528.4	526.7	848.0	577.6	502.3
November	539.8	490.4	544.5	556.0	921.2	608.1	513.8
December	561.7	509.6	554.7	562.2	956.4	663.4	523.4
1991							
January	589.0	529.0	577.9	607.7	1,077.8	681.4	541.9
February	597.9	534.5	592.2	615.4	1,095.9	693.7	560.5
March	600.5	532.5	597.6	629.8	1,112.8	695.6	571.9
April	600.0	532.2	599.6	629.8	1,094.3	696.9	577.3
May	602.8	531.8	608.4	631.8	1,101.1	708.4	582.4
June	616.4	535.9	616.4	668.2	1,124.8	755.2	587.9
July	622.6	543.6	619.9	668.6	1,133.1	759.8	593.0

Source: National Statistics Office.

Table 2.22 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 7 (CENTRAL VISAYAS): 1973 to 1991 (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
1990	503.1	486.3	483.0	569.4	564.4	550.4	437.0
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	558.5	536.6	535.3	437.9
October	522.1	491.7	495.2	627.5	684.4	570.0	438.0
November	537.1	503.7	500.2	629.7	719.8	606.5	446.3
December	561.3	527.6	503.7	633.1	757.8	664.0	460.7
1991							
January	575.5	546.1	517.3	641.0	766.1	677.1	465.0
February	583.4	549.1	518.8	678.8	778.4	681.2	473.0
March	586.8	551.2	521.2	682.2	773.2	689.0	487.4
April	592.7	552.3	534.8	684.1	818.9	690.6	496.1
May	595.7	553.9	536.9	685.5	831.9	696.9	499.4
June	601.8	555.4	546.9	687.2	831.9	729.6	509.0
July	606.9	563.5	548.9	687.0	823.0	734.5	514.3

Source: National Statistics Office.

Table 2.23 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 8 (EASTERN VISAYAS): 1973 to 1991 (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
1990	460.4	436.0	476.8	563.2	602.4	473.1	436.6
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
October	463.0	436.6	484.7	567.7	615.6	474.5	442.9
November	475.9	449.9	494.1	573.0	631.1	496.2	452.8
December	499.2	474.9	502.6	582.1	639.8	555.3	464.3
1991							
January	521.1	492.4	522.7	626.9	691.1	571.3	488.0
February	531.2	499.4	538.4	637.8	720.0	583.1	504.0
March	530.6	491.1	549.8	640.6	761.3	589.3	519.3
April	533.9	492.3	555.4	642.3	782.9	590.2	530.2
May	534.3	489.6	560.4	644.7	783.0	599.3	541.9
June	537.8	493.0	565.8	645.8	783.0	605.3	548.1
July	541.7	495.7	569.4	649.2	801.5	606.9	554.1

Source: National Statistics Office.

Table 2.24 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 9 (WESTERN MINDANAO): 1973 to 1991 (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
1990	459.5	436.0	496.3	499.7	652.2	491.1	454.2
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
October	463.8	435.3	513.3	515.1	666.4	506.2	464.6
November	470.9	442.0	525.0	517.8	668.6	516.5	471.9
December	485.5	450.5	538.7	533.2	712.2	571.0	483.4
1991							
January	501.1	466.7	551.2	580.4	685.9	692.9	496.7
February	518.2	485.2	565.3	594.0	697.0	602.7	517.2
March	522.2	488.7	566.6	594.0	714.6	608.7	520.4
April	491.8	487.4	573.8	597.0	716.6	612.8	528.9
May	527.8	489.9	581.0	598.0	750.1	620.4	532.0
June	535.4	498.2	588.1	600.4	722.5	646.1	539.4
July	540.1	502.1	599.2	600.8	734.0	650.7	543.3

Source: National Statistics Office.

Table 2.25 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 10 (NORTHERN MINDANAO): 1973 to 1991 (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
1990	492.7	485.2	486.6	479.5	691.8	500.9	447.5
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
October	489.5	473.9	494.5	493.2	256.4	514.4	454.8
November	501.6	484.3	502.3	505.8	774.5	539.3	468.1
December	518.9	501.7	511.4	509.1	792.9	586.8	473.4
1991							
January	528.9	507.4	526.5	515.9	248.9	608.9	487.6
February	543.5	523.8	537.1	527.5	865.5	616.5	500.8
March	547.9	529.4	540.5	530.2	882.7	606.8	507.9
April	551.1	533.1	544.0	531.5	892.5	602.8	514.5
May	554.4	536.1	546.7	533.0	899.0	609.4	518.3
June	559.3	537.4	558.5	558.8	897.7	613.6	524.4
July	564.3	542.7	564.9	561.1	904.4	616.5	530.2

Source: National Statistics Office.

Table 2.26 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 11 (SOUTHERN MINDANAO): 1973 to 1991 (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
1990	499.4	452.2	501.8	547.0	1,057.4	479.1	400.3
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
October	509.8	455.5	507.5	547.2	1,150.8	492.3	407.4
November	523.0	466.3	574.2	571.6	1,153.9	514.9	416.1
December	537.0	473.2	530.9	598.4	1,168.2	563.1	425.8
1991							
January	547.4	484.0	538.9	605.3	1,183.5	573.9	434.6
February	560.2	496.2	546.7	607.9	1,224.7	588.4	444.3
March	563.8	497.9	553.2	611.9	1,228.9	598.5	448.5
April	566.0	498.9	557.9	618.1	1,229.4	601.0	453.7
May	567.9	500.6	561.1	627.6	1,215.5	604.3	456.5
June	572.1	501.5	565.1	633.1	1,226.9	622.2	459.1
July	575.8	503.8	572.3	645.7	1,228.3	623.1	465.3

Source: National Statistics Office.

Table 2.27 – CONSUMER PRICE INDEX FOR ALL INCOME HOUSEHOLDS IN REGION 12 (CENTRAL MINDANAO): 1973 to 1991 (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
1990	471.7	444.6	482.2	460.6	643.4	606.0	425.7
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
October	483.9	453.7	502.0	469.4	667.8	626.8	439.4
November	491.0	459.1	511.1	471.5	680.6	641.1	448.1
December	508.6	469.2	522.1	481.9	721.8	713.3	454.1
1991							
January	529.3	485.3	540.4	495.8	757.8	764.0	472.2
February	539.8	498.9	549.4	492.1	766.8	768.0	478.0
March	545.1	503.4	558.4	501.6	772.2	772.4	488.2
April	547.2	504.5	560.6	513.3	772.2	771.4	491.8
May	547.9	504.1	568.1	512.4	761.4	777.1	492.6
June	548.5	502.2	560.6	513.1	763.0	790.3	493.4
July	550.8	503.0	579.3	515.3	765.5	791.7	502.0

Source: National Statistics Office.

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

Period	Food beverages and tobacco	Food				
		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
1990	512.3	401.0	399.3	536.9	631.5	646.6
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
October	531.0	418.9	417.4	545.0	644.4	664.1
November	536.5	417.5	416.0	543.8	652.8	682.7
December	550.4	418.9	417.4	542.5	659.1	693.5
1991						
January	558.1	421.1	419.7	538.1	573.4	725.9
February	551.1	421.9	420.6	531.9	667.4	746.6
March	557.4	421.9	420.6	530.6	676.8	753.6
April	562.7	449.3	448.2	535.6	677.8	759.8
May	567.1	470.4	469.6	536.2	678.6	762.0
June	573.4	469.8	469.0	535.0	679.8	765.1
July	578.8	470.1	469.3	537.5	681.5	766.0

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 1991 =100)

Food						
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
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
347.3	684.7	636.6	443.5	463.6	647.5	549.8
350.1	689.5	646.4	451.5	463.6	653.4	558.7
397.0	729.6	610.8	485.2	478.2	656.2	568.5
420.2	744.8	543.2	504.1	511.1	680.9	565.0
413.1	701.2	527.9	494.7	511.3	714.1	595.2
412.8	708.6	541.4	507.2	513.2	734.2	592.9
406.3	693.1	527.5	526.6	514.9	738.9	594.7
399.8	683.4	511.3	545.6	516.2	744.0	597.0
413.2	691.1	550.3	544.4	518.3	748.8	598.1
455.1	668.3	600.7	546.1	526.9	751.9	598.6

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
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	467.6	472.4	503.9		343.0
1990	512.6	517.1	555.2	439.5	472.0
January	492.7	493.3	536.1	422.9	416.1
February	491.8	490.1	539.6	433.2	416.8
March	493.8	492.8	540.8	431.3	417.1
April	498.2	499.6	540.9	430.7	417.1
May	449.2	501.4	540.6	429.2	417.5
June	505.6	509.9	545.5	429.1	417.5
July	511.7	518.5	549.4	429.0	417.6
August	515.3	522.3	556.7	434.8	418.9
September	530.1	537.1	563.2	439.1	447.1
October	536.9	534.0	577.6	456.6	522.3
November	546.4	544.9	584.2	462.7	522.3
December	579.8	561.1	587.2	475.0	833.8
1991					
January	590.2	568.1	601.6	477.6	856.4
February	591.5	563.2	619.6	488.3	856.3
March	592.9	562.5	633.2	493.7	856.5
April	597.1	564.3	636.9	502.0	856.6
May	600.0	566.0	637.7	515.6	856.7
June	604.4	571.2	640.3	517.6	856.5

Source: National Statistics Office.

MANILA AREA (NATIONAL CAPITAL REGION): 1976 to 1991 = 100).

Chemicals including animal and vegetable oils and fats	Manufactured goods classified chiefly by materials	Machinery and transport equipment	Miscellaneous manufactured articles
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
475.8	498.7	360.3	454.3
506.1	546.7	382.8	535.5
486.2	525.5	370.5	522.3
493.6	526.4	373.1	524.0
492.1	529.3	372.3	524.0
493.7	529.4	373.1	526.2
496.6	528.3	373.3	527.0
496.3	533.9	375.3	528.4
504.3	535.5	375.8	529.2
506.0	538.1	376.4	531.7
513.9	557.6	388.0	536.5
519.9	571.9	395.0	549.4
528.8	581.2	408.7	556.8
542.0	603.4	412.1	570.0
553.2	621.6	425.2	579.8
569.4	629.7	440.0	601.7
568.6	634.2	443.2	607.8
582.0	646.1	451.4	612.3
594.0	650.9	457.6	619.2
606.4	651.6	459.5	628.4

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	550.7	672.6	485.3	489.7	397.0
1990	607.5	747.0	511.6	476.1	578.9
January	575.0	717.1	493.0	468.2	471.6
February	570.4	703.0	493.6	464.2	470.6
March	573.7	704.3	494.4	457.5	452.7
April	574.4	715.9	494.4	453.2	420.6
May	578.0	722.2	494.4	451.8	420.6
June	583.3	731.3	494.4	458.5	414.9
July	595.2	755.4	511.4	461.9	427.5
August	611.4	759.6	516.0	470.3	583.1
September	636.9	779.0	520.0	476.4	747.8
October	647.2	767.1	534.1	510.0	841.9
November	667.2	794.8	542.0	519.3	867.5
December	676.9	814.2	551.6	521.9	827.5
1991					
January	687.2	839.3	584.4	532.8	737.0
February	663.3	792.5	587.5	537.8	648.7
March	664.2	789.0	590.2	559.7	607.7
April	669.4	799.2	590.1	550.0	626.4
May	665.4	780.7	591.0	556.7	639.6
June	678.8	806.0	592.3	560.8	639.7

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

FOR METROPOLITAN MANILA AREA
1976 to 1991
= 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	446.8	444.6	556.2
422.5	546.0	489.3	593.2
381.7	521.2	458.8	574.5
410.8	524.6	459.0	575.0
420.6	530.3	481.9	575.0
410.8	528.1	482.5	575.6
411.0	532.5	489.4	573.4
406.7	540.7	489.4	585.2
405.2	540.4	489.5	586.6
416.1	542.6	490.1	588.0
429.3	554.2	494.7	614.8
439.5	569.1	495.7	617.3
464.5	577.3	516.1	618.1
473.8	590.7	524.7	635.4
493.2	603.6	526.6	646.9
498.3	608.2	526.9	656.3
505.9	618.0	527.2	670.7
506.5	621.4	529.4	671.3
515.5	627.4	529.6	671.5
527.6	631.6	536.8	672.4

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

Period	Automotive fuel 1/	Portland cement 2/	Reinforcing steel	Asphaltic materials
1976	91.6	95.0	100.2	95.4
1977	97.6	98.1	90.8	100.0
1978	100.0	100.0	100.0	100.0
1979	131.9	132.2	122.0	125.1
1980	228.1	186.9	133.3	213.6
1981	261.1	207.6	141.1	256.1
1982	264.2	219.8	141.1	262.4
1983	302.7	229.8	170.7	295.8
1984	517.9	311.0	314.8	484.1
1985	607.7	328.6	315.1	534.1
1986	492.7	347.8	315.7	409.4
1987	472.5	382.6	327.9	419.9
1988	459.0	384.8	337.1	488.3
1989	459.0	384.8	337.1	488.3
1990	594.4	684.1	441.7	729.3
January	534.6	594.2	425.8	617.8
February	534.6	594.2	425.8	617.8
March	534.6	646.2	425.8	617.8
April	534.6	680.2	425.8	617.8
May	534.6	630.7	425.8	617.8
June	534.6	744.9	425.8	617.8
July	534.6	705.5	425.8	617.8
August	534.6	704.8	425.8	617.8
September	669.4	707.9	457.7	896.4
October	669.4	715.3	478.6	896.4
November	669.4	736.8	478.6	896.4
December	848.1	748.8	478.6	1,120.2
1991				
January	858.8	750.1	535.9	1,153.3
February	858.8	802.7	535.9	1,153.5
March	858.8	833.6	535.9	1,153.5
April	858.8	858.6	535.9	1,153.5
May	858.8	883.7	535.9	1,153.5
June	858.8	937.8	544.2	1,153.5
July	858.8	969.1	544.2	1,153.5

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 1991 = 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
547.4	551.6	334.7	521.9
520.1	547.7	316.9	482.8
530.0	547.7	318.6	482.8
530.6	547.7	318.6	482.8
525.2	537.7	318.0	491.3
524.7	537.7	318.9	491.3
533.3	537.7	319.8	491.3
532.6	537.7	319.8	491.3
536.6	545.5	319.8	508.4
559.8	552.8	359.1	576.8
577.1	568.6	359.4	576.8
586.8	573.1	372.0	589.6
612.0	585.4	376.0	598.1
630.9	614.8	386.2	683.6
635.3	614.8	387.2	683.6
636.5	614.9	389.0	683.6
635.2	612.5	410.9	683.6
637.8	624.3	410.9	649.4
640.4	624.6	445.7	649.4
637.0	624.6	448.6	649.4

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
1990	503.5	565.8	522.7	478.0
January	478.1	549.5	504.0	435.0
February	476.1	542.0	502.6	443.3
March	484.5	540.4	501.6	455.9
April	482.5	537.5	502.4	466.7
May	481.2	537.3	504.4	456.0
June	485.7	535.7	506.2	484.0
July	487.1	539.6	516.0	479.2
August	493.0	552.5	515.2	483.0
September	514.3	571.9	525.8	488.5
October	532.5	602.5	544.9	497.2
November	548.6	621.6	566.4	511.8
December	578.8	659.1	582.6	535.5
1991				
January	602.1	713.5	597.2	537.3
February	611.7	709.6	599.7	560.6
March	616.9	713.7	594.1	572.0
April	623.8	721.1	602.0	596.0
May	627.5	723.0	607.8	609.0
June	637.0	738.5	611.4	628.0
July	641.4	737.0	611.3	649.3

Sources of basic data: National Statistics Office.

MATERIALS USED IN CONSTRUCTION ACTIVITIES IN (NATIONAL CAPITAL REGION): 1976 to 1991 = 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
397.7	538.5	512.6	438.9
379.6	519.8	527.3	389.8
390.8	523.8	508.7	386.7
382.9	521.8	504.4	426.8
389.6	521.9	480.8	418.5
383.3	521.8	478.2	427.9
384.1	521.8	469.0	426.8
385.6	527.4	473.5	426.5
389.0	532.6	480.2	424.0
395.3	538.4	536.7	461.5
404.4	544.5	538.7	485.6
433.7	577.3	551.2	487.8
453.7	611.3	602.0	504.9
463.7	619.0	606.0	520.8
476.2	627.4	616.4	538.7
476.2	629.6	641.9	532.1
490.6	639.2	643.9	516.2
495.2	649.4	640.2	512.8
503.2	656.0	639.9	508.4
509.7	659.5	640.0	506.1

3 ECONOMIC ACCOUNTS

The economic accounts presented in this chapter quantify the magnitude of transactions taking place in the economy especially those relating to the production and consumption of goods and services, the interindustry linkages and their transfer of income or capital between sectors of the economy. These accounts are better known as the national account statistics, the input-output tables, and the flow-of-funds accounts.

National account statistics provide various users with a comprehensive description of the country's economic performance during a given period. First, the statistics give a measure of economic growth for a particular period, both in current and in real terms, the rate of such growth, and the pace of the country's development composed with population growth. Second, they portray whether the country's economic structure is predominantly agricultural or industrial. The accounts likewise indicate which sector of the economy contributes greatly to the Gross National Product (GNP) and which shows the greatest growth potential. Third, they present to economic planners, business executives, and the populace as a whole a set of macroeconomic indicators which are essential in planning and decision-making. Fourth, they indicate the various recipients of the nation's output by sectors, by industries or by households, the distribution of the social income by type and source of income, and the disposition or expenditure of such income by sectors. Summing up, national accounts statistics present insights into the aggregate as well as sectoral performance of the economy for a given period that are so necessary for policy formulation, planning and analytical purposes.

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

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

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

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Figure 3.1
EXPENDITURES ON GROSS DOMESTIC
PRODUCT AT CONSTANT PRICES OF 1972, 1981-1990

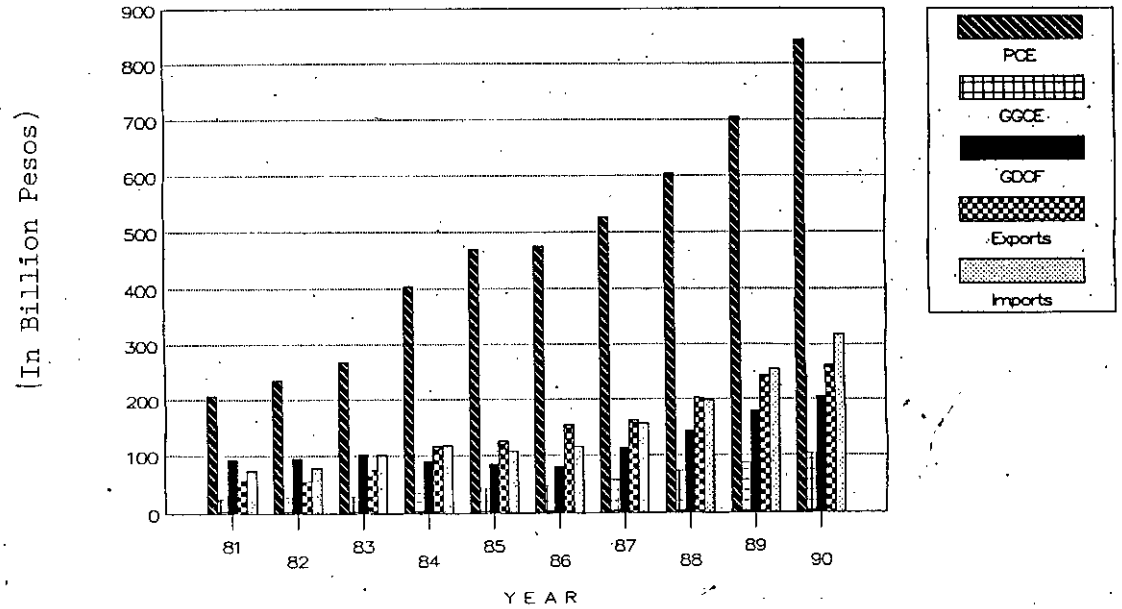

Figure 3.2
GROSS DOMESTIC PRODUCT
BY INDUSTRIAL ORIGN AT CONSTANT PRICES, 1990

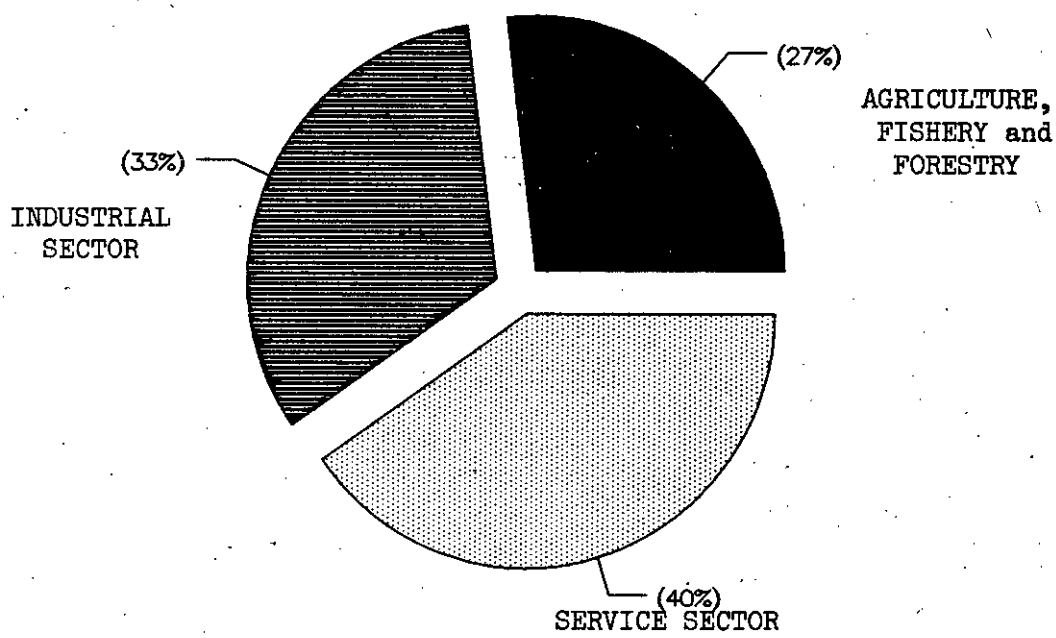

Table 3.1 – GROSS NATIONAL PRODUCT

(In million pesos

ITEM	1976	1977	1978	1979	1980	1981
1. Compensation of employees and entrepreneurial and property income of persons	102,344	117,905	134,168	158,292	193,779	223,531
2. General government income from property and entrepreneurship	830	1,355	1,528	1,891	2,525	3,404
3. Corporate income	6,373	5,794	7,716	14,932	17,926	20,107
a. Corporate tax	2,222	2,049	2,641	2,873	3,402	4,104
b. Corporate savings	4,151	3,745	5,075	12,059	14,524	16,003
NATIONAL INCOME OR NET NATIONAL PRODUCT at factor cost	109,547	125,054	143,412	175,115	214,230	247,042
4. Indirect taxes	12,394	14,059	17,424	22,967	26,519	26,705
5. Less subsidies	612	456	573	588	760	777
6. Depreciation	12,873	14,598	16,759	20,538	24,543	30,658
GROSS NATIONAL PRODUCT in purchaser's value	134,202	153,255	177,022	218,032	264,532	303,628
7. Personal consumption expenditure	87,120	102,626	118,846	146,577	178,119	206,942
8. General government consumption expenditures	13,165	14,348	16,127	18,259	21,191	24,792
9. Gross domestic capital formation	41,993	44,369	51,348	67,687	80,883	93,261
a. Fixed capital formation	33,693	36,440	42,305	56,306	67,723	79,285
b. Increase in stocks	8,300	7,929	9,043	11,381	13,160	13,976
10. Exports of goods and non-factor services	23,248	28,925	32,420	41,460	53,590	57,806
11. Less: Imports of goods and non-factor services	31,841	34,754	41,321	53,558	68,704	74,359
12. Statistical discrepancy	1,587	(1,288)	249	(2,882)	(429)	(3,184)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	135,272	154,226	177,669	217,543	264,650	305,258
13. Net factor income from the rest of the world	(1,070)	(971)	(647)	489	(118)	(1,630)
EXPENDITURES ON GROSS NATIONAL PRODUCT	134,202	153,255	177,022	218,032	264,532	303,628

Advanced estimates as of December 1990.

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

AND EXPENDITURE ACCOUNT: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
247,970	278,068	416,147	466,644	460,193	508,300	622,670	738,914	868,032
4,737	5,801	7,033	9,350	6,421	11,013	14,912	18,082	23,393
19,399	21,008	6,506	5,181	24,098	36,202	41,441	39,313	49,663
4,503	4,799	8,181	8,350	8,675	13,032	14,918	14,152	17,878
14,896	16,209	(1,675)	(3,169)	15,423	23,170	26,523	25,161	31,785
272,106	304,877	429,686	481,175	490,712	555,515	679,023	796,309	941,088
29,512	35,608	44,697	50,216	53,955	71,619	65,329	84,010	109,103
847	919	777	870	1,646	1,388	1,169	5,506	17,605
34,664	39,180	53,749	67,222	71,682	77,615	79,687	87,101	99,818
335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,914	1,132,404
234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566	843,182
29,215	29,481	35,567	44,044	48,441	58,472	73,071	86,549	104,451
96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714	205,189
86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139	209,103
10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575	(3,914)
56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581	261,448
79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257	318,660
3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	4,382	34,207
340,597	384,096	540,466	612,684	627,129	708,368	825,852	964,535	1,129,817
(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)	2,587
335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,914	1,132,404

Table 3.2 – PERSONAL INCOME

(In million pesos

ITEM	1976	1977	1978	1979	1980	1981
1. Compensation of employees and enterpreneurial and property income of persons	102,344	117,905	134,168	158,292	193,779	223,531
3. Social security benefits	490	670	994	1,083	1,173	1,418
4. Other current transfers from general government	1,610	1,500	1,843	2,373	2,486	2,460
5. Current transfers from the rest of the world	1,767	1,794	2,089	2,496	3,034	3,595
CURRENT RECEIPTS	106,211	121,869	139,094	164,244	200,472	231,004
6. Personal consumption expenditures	87,120	102,626	118,846	146,577	178,119	206,942
7. Personal direct taxes	1,636	2,594	3,071	3,951	4,510	4,496
8. Social security contributions	1,253	1,655	1,976	2,334	2,692	2,950
9. Current transfers to the rest of the world	17	27	19	35	36	40
10. Statistical discrepancy	1,587	(1,288)	249	(2,882)	(429)	(3,184)
11. Personal savings	14,598	16,255	14,933	14,229	15,544	19,760
CURRENT DISBURSEMENTS	106,211	121,869	139,094	164,244	200,472	231,004

Advanced estimates as of December 1990.

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

AND OUTLAY ACCOUNT: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
247,970	278,068	416,147	466,644	460,193	508,300	622,670	738,914	868,032
1,697	1,992	2,295	2,350	2,659	3,947	5,669	6,641	8,152
3,244	3,952	6,710	11,428	15,099	25,713	33,657	42,679	61,731
3,834	5,603	2,978	5,466	11,305	9,692	12,975	12,765	11,029
256,745	289,615	428,130	485,888	489,256	547,652	674,971	800,999	948,944
234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566	843,182
4,558	4,642	6,100	9,848	11,512	10,515	12,776	21,207	32,303
3,250	3,452	3,477	3,677	3,908	6,334	8,261	9,628	13,474
17	24	20	170	61	42	42	43	23
3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	4,382	34,207
10,888	3,537	4,904	7,020	15,109	658	49,166	61,173	25,755
256,745	289,615	428,130	485,888	489,256	547,652	674,971	800,999	948,944

Table 3.3 – GENERAL GOVERNMENT INCOME

(In million pesos

ITEM	1976	1977	1978	1979	1980	1981
1. General government income from property and entrepreneurship	830	1,355	1,528	1,891	2,525	3,404
2. Indirect taxes	12,394	14,059	17,424	22,967	26,519	26,705
3. Direct taxes	3,858	4,643	5,712	6,824	7,912	8,600
a. on corporations	2,222	2,049	2,641	2,873	3,402	4,104
b. on persons	1,636	2,594	3,071	3,951	4,510	4,496
4. Social security contributions	1,253	1,655	1,976	2,334	2,692	2,950
5. Current transfers from the rest of the world	205	154	265	208	240	281
CURRENT RECEIPTS	18,540	21,866	26,905	34,224	39,888	41,940
6. General government consumption expenditures	13,165	14,348	16,127	18,259	21,191	24,792
7. Subsidies	612	456	573	588	760	777
8. Social security benefits	490	670	994	1,083	1,173	1,418
9. Other current transfers to persons	1,610	1,500	1,843	2,373	2,486	2,460
10. Current transfers to the rest of the world	214	227	417	823	1,099	991
11. General government savings (dissavings)	2,449	4,665	6,951	11,098	13,179	11,502
CURRENT DISBURSEMENTS	18,540	21,866	26,905	34,224	39,888	41,940

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

AND OUTLAY ACCOUNT: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
4,737	5,801	7,033	9,350	6,421	11,013	14,912	18,082	23,393
29,512	35,608	44,697	50,216	53,955	71,619	65,329	84,010	109,103
9,061	9,441	14,281	18,198	20,187	23,547	27,694	35,359	50,181
4,503	4,799	8,181	8,350	8,675	13,032	14,918	14,152	17,878
4,558	4,642	6,100	9,848	11,512	10,515	12,776	21,207	32,303
3,250	3,452	3,477	3,677	3,908	6,334	8,261	9,628	13,474
407	624	948	2,025	1,915	1,753	3,689	5,269	2,247
46,967	54,926	70,436	83,466	86,386	114,266	119,885	152,348	198,398
29,215	29,481	35,567	44,044	48,441	58,472	73,071	86,549	104,451
847	919	777	870	1,646	1,388	1,169	5,506	17,605
1,697	1,992	2,295	2,350	2,659	3,947	5,669	6,641	8,152
3,244	3,952	6,710	11,428	15,099	25,713	33,657	42,679	61,731
1,230	1,978	4,598	4,192	6,230	12,681	12,974	16,035	17,033
10,734	16,604	20,489	20,582	12,311	12,065	(6,655)	(5,062)	(10,574)
46,967	54,926	70,436	83,466	86,386	114,266	119,885	152,348	198,398

Table 3.4 – COMBINED CAPITAL

(In million pesos

ITEM	1976	1977	1978	1979	1980	1981
1. Savings	21,198	24,665	26,959	37,386	43,247	47,265
a. of persons	14,598	16,255	14,933	14,229	15,544	19,760
b. of corporations	4,151	3,745	5,075	12,059	14,524	16,003
c. of general government	2,449	4,665	6,951	11,098	13,179	11,502
2. Capital consumption allowance	12,873	14,598	16,759	20,538	24,543	30,658
3. Capital transfers from the rest of the world, net	0	0	0	0	0	0
FINANCE OF GROSS ACCUMULATION	34,071	39,263	43,718	57,924	67,790	77,923
4. Gross domestic capital formation	41,993	44,369	51,348	67,687	80,883	93,261
a. Fixed capital formation	33,693	36,440	42,305	56,306	67,723	79,285
b. Increase in stocks	8,300	7,929	9,043	11,381	13,160	13,976
5. Net lending (borrowing) to the rest of the world	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)	(15,338)
GROSS ACCUMULATION	34,071	39,263	43,718	57,924	67,790	77,923

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

RECONCILIATION ACCOUNT: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
36,518	36,350	23,718	24,433	42,843	35,893	69,034	81,272	46,966
10,888	3,538	4,904	7,020	15,109	658	49,166	61,173	25,755
14,896	16,209	(1,675)	(3,169)	15,423	23,170	26,523	25,161	31,785
10,734	16,603	20,489	20,582	12,311	12,065	(6,655)	(5,062)	(10,574)
34,664	39,180	53,749	67,222	71,682	77,615	79,687	87,101	99,818
0	0	0	19	40	0	0	0	0
71,182	75,530	77,467	91,674	114,565	113,508	148,721	168,373	146,784
96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714	205,189
86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139	209,103
10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575	(3,914)
(25,339)	(26,996)	(14,484)	6,253	33,459	(210)	5,465	(11,341)	(58,405)
71,182	75,530	77,467	91,655	114,565	113,508	148,721	168,373	146,784

Table 3.5 – EXTERNAL TRANSACTIONS

(In million pesos

ITEM	1976	1977	1978	1979	1980	1981
1. Exports of goods and non-factor services	23,248	28,925	32,420	41,460	53,590	57,806
a. Merchandise, f.o.b.	18,593	22,994	24,954	33,506	42,709	44,378
b. Other exports	4,655	5,931	7,466	7,954	10,881	13,428
2. Compensation of employees from the rest of the world	824	1,570	2,133	4,028	4,721	6,049
3. Property and entrepreneurial income from the rest of the world	942	902	1,328	1,565	2,339	4,121
4. Current transfer from the rest of the world	1,972	1,948	2,354	2,704	3,274	3,876
a. to general government	205	154	265	208	240	281
b. to persons	1,767	1,794	2,089	2,496	3,034	3,595
CURRENT RECEIPTS	26,986	33,345	38,235	49,757	63,924	71,852
5. Imports of goods and non-factor services	31,841	34,754	41,321	53,558	68,704	74,359
a. Merchandise, f.o.b.	26,520	28,550	34,258	44,890	57,056	61,911
b. Other imports	5,321	6,204	7,063	8,668	11,648	12,448
6. Compensation of employees to the rest of the world	44	41	32	44	65	71
7. Property and entrepreneurial income to the rest of the world	2,792	3,402	4,076	5,060	7,113	11,729
8. Current transfer to the rest of the world	231	254	436	858	1,135	1,031
a. by general government	214	227	417	823	1,099	991
b. by persons	17	27	19	35	36	40
CURRENT DISBURSEMENT	34,908	38,451	45,865	59,520	77,017	87,190
9. Surplus of the nation on current transactions	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)	(15,338)
10. Capital transfers from the rest of the world, net	-	-	-	-	-	0
11. Net lending (borrowing) to the rest of the world	(7,922)	(5,106)	(7,630)	(9,763)	(13,093)	(15,338)
12. Memorandum item: Net factor income from the rest of the world	(1,070)	(971)	(647)	489	(118)	(1,630)

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

ACCOUNTS: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581	261,448
42,136	54,609	88,818	84,126	95,391	113,941	145,566	166,735	194,379
14,014	20,658	28,883	42,445	59,713	49,531	57,370	75,846	67,069
9,375	12,246	16,395	19,368	21,257	24,965	27,619	32,669	33,694
3,135	3,394	5,539	6,676	4,781	7,098	6,229	7,793	9,582
4,241	6,227	3,926	7,491	13,220	11,445	16,664	18,034	13,276
407	624	948	2,025	1,915	1,753	3,689	5,269	2,247
3,834	5,603	2,978	5,466	11,305	9,692	12,975	12,765	11,029
72,901	97,134	143,561	160,106	194,362	206,980	253,448	301,077	318,000
79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257	318,660
64,835	82,234	100,213	92,659	98,615	134,183	163,764	221,056	272,570
14,486	18,904	18,169	15,847	17,573	23,214	34,373	32,201	46,090
69	74	20	19	122	62	209	87	120
17,603	20,916	35,025	40,966	38,342	37,008	36,621	42,996	40,569
1,247	2,002	4,618	4,362	6,291	12,723	13,016	16,078	17,056
1,230	1,978	4,598	4,192	6,230	12,681	12,974	16,035	17,033
17	24	20	170	61	42	42	43	23
98,240	124,130	158,045	153,853	160,943	207,190	247,983	312,418	376,405
(25,339)	(26,996)	(14,484)	6,253	33,419	(210)	5,465	(11,341)	(58,405)
0	0	0	19	40	0	0	0	0
(25,339)	(26,996)	(14,484)	6,272	33,459	(210)	*5,465	(11,341)	(58,405)
(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)	2,587

Table 3.6 – GROSS NATIONAL PRODUCT

(In million pesos

Type of expenditure	1976	1977	1978	1979	1980	1981
1. Personal consumption expenditures	87,120	102,626	118,846	146,577	178,119	206,942
2. General government consumption expenditures	13,165	14,348	16,127	18,259	21,191	24,792
a. Compensation of employees	6,714	7,193	8,396	9,530	11,210	13,606
b. Other expenditures	6,451	7,155	7,731	8,729	9,981	11,186
3. Gross domestic capital formation	41,993	44,369	51,348	67,687	80,883	93,261
A. Fixed capital formation	33,693	36,440	42,305	56,306	67,723	79,285
1. Construction	17,812	20,400	22,735	30,571	37,098	46,007
a. Government	8,306	9,489	10,632	14,475	16,056	20,017
b. Private	9,506	10,911	12,103	16,096	21,042	25,990
2. Durable equipment	15,881	16,040	19,570	25,735	30,625	33,278
B. Increase in stocks	8,300	7,929	9,043	11,381	13,160	13,976
4. Exports of goods and non-factor services	23,248	28,925	32,420	41,460	53,590	57,806
5. Less: Imports of goods and non-factor services	31,841	34,754	41,321	53,558	68,704	74,359
6. Statistical discrepancy	1,587	(1,288)	249	(2,882)	(429)	(3,184)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	135,272	154,226	177,669	217,543	264,650	305,258
7. Net factor income from the rest of the world	(1,070)	(971)	(647)	489	(118)	(1,630)
EXPENDITURES ON GROSS NATIONAL PRODUCT	134,202	153,255	177,022	218,032	264,532	303,628

Advanced estimates as of December 1990.

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

BY EXPENDITURE SHARES: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
234,486	268,188	403,431	469,133	474,991	526,081	603,281	704,566	843,182
29,215	29,481	35,567	44,044	48,441	58,472	73,071	86,549	104,451
16,049	16,834	21,125	26,290	30,937	37,740	49,789	58,106	69,170
13,166	12,647	14,442	17,754	17,504	20,732	23,282	28,443	35,281
96,521	102,526	91,951	85,402	81,106	113,718	143,256	179,714	205,189
86,026	95,254	100,095	89,974	80,817	101,781	126,413	167,139	209,103
51,382	54,361	63,907	56,228	46,199	56,930	67,839	86,278	105,086
21,993	19,751	20,107	18,696	18,148	20,516	22,739	27,969	31,926
29,389	34,610	43,800	37,532	28,051	36,414	45,100	58,309	73,160
34,644	40,893	36,188	33,746	34,618	44,851	58,574	80,861	104,017
10,495	7,272	(8,144)	(4,572)	289	11,937	16,843	12,575	(3,914)
56,150	75,267	117,701	126,571	155,104	163,472	202,936	242,581	261,448
79,321	101,138	118,382	108,506	116,188	157,397	198,137	253,257	318,660
3,546	9,772	10,198	(3,960)	(16,325)	4,022	1,445	4,382	34,207
340,597	384,096	540,466	612,684	627,129	708,368	825,852	964,535	1,129,817
(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)	2,587
335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,914	1,132,404

Table 3.7 – GROSS NATIONAL PRODUCT
(In million pesos

Type of expenditure	1976	1977	1978	1979	1980	1981
1. Personal consumption expenditures	48,840	51,416	54,098	56,718	59,270	61,617
2. General government consumption expenditures	7,416	7,485	7,710	7,995	8,294	8,598
a. Compensation of employees	3,906	3,931	4,112	4,309	4,557	4,869
b. Other expenditures	3,510	3,554	3,598	3,686	3,737	3,729
3. Gross domestic capital formation	21,139	21,121	22,928	25,493	26,609	27,220
A. Fixed capital formation	17,224	17,553	19,035	21,270	22,737	23,542
1. Construction	8,667	9,205	9,435	10,546	11,123	12,045
a. Government	4,042	4,281	4,406	5,012	4,860	5,243
b. Private	4,625	4,924	5,029	5,534	6,263	6,802
2. Durable equipment	8,557	8,348	9,600	10,724	11,614	11,497
B. Increase in stocks	3,915	3,568	3,893	4,223	3,872	3,678
4. Exports of goods and non-factor services	12,120	14,120	14,657	15,650	17,741	17,947
5. Less: Imports of goods and non-factor services	13,415	14,274	16,116	18,765	19,377	18,854
6. Statistical discrepancy	(2,178)	(1,401)	(493)	871	30	(321)
EXPENDITURES ON GROSS DOMESTIC PRODUCT	73,922	78,467	82,784	87,962	92,567	96,207
7. Net factor income from the rest of the world	(586)	(484)	(306)	196	(36)	(485)
EXPENDITURES ON GROSS NATIONAL PRODUCT	73,336	77,983	82,478	88,158	92,531	95,722

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

BY EXPENDITURE SHARES: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
63,535	65,348	66,032	65,977	66,597	70,409	74,646	78,929	83,789
9,145	8,788	8,255	8,221	8,187	8,774	9,409	9,997	10,367
5,127	5,141	5,235	5,117	5,224	5,554	6,082	6,311	6,327
4,018	3,647	3,020	3,104	2,963	3,220	3,327	3,686	4,040
26,267	24,923	14,215	11,124	10,111	13,574	15,926	18,283	18,201
23,687	23,012	15,594	11,826	10,057	12,017	13,374	16,863	18,574
12,521	11,948	9,446	7,114	5,505	6,348	6,836	7,752	8,169
5,359	4,375	2,985	2,342	2,161	2,290	2,299	2,529	2,501
7,162	7,573	6,461	4,772	3,344	4,058	4,537	5,223	5,668
11,166	11,064	6,148	4,712	4,552	5,669	7,038	9,111	10,405
2,580	1,911	(1,379)	(702)	54	1,557	2,052	1,420	(373)
17,486	19,262	20,846	19,351	23,560	23,245	26,931	29,167	29,055
19,510	21,746	18,175	13,995	15,802	19,987	26,670	33,942	37,404
2,076	3,345	2,754	(774)	(1,473)	(644)	1,208	4,734	5,882
98,999	99,920	93,927	89,904	91,180	95,371	101,450	107,168	109,890
(1,460)	(1,301)	(2,283)	(2,037)	(1,676)	(666)	(357)	(313)	253
97,539	98,619	91,644	87,867	89,504	94,705	101,093	106,855	110,143

Table 3.8 – IMPLICIT PRICE INDEX OF GROSS
1976 to
(Base Year:

Type of expenditure	1976	1977	1978	1979	1980	1981
1. Personal consumption expenditures	178.4	199.6	219.7	258.4	300.5	335.9
2. General government consumption expenditures	177.5	191.7	209.2	228.4	255.5	288.3
a. Compensation of employees	171.9	183.0	204.2	221.2	246.0	279.4
b. Other expenditures	183.8	201.3	214.9	236.8	267.1	300.0
3. Gross domestic capital formation	198.7	210.1	224.0	265.5	304.0	342.6
A. Fixed capital formation	195.6	207.6	222.2	264.7	297.9	336.8
1. Construction	205.5	221.6	241.0	289.9	333.5	382.0
a. Government	205.5	221.7	241.3	288.8	330.4	381.8
b. Private	205.5	221.6	240.7	290.9	336.0	382.1
2. Durable equipment	185.6	192.1	203.9	240.0	263.7	289.4
4. Exports of goods and non-factor services	191.8	204.9	221.2	264.9	302.1	322.1
5. Less: Imports of goods and non-factor services	237.4	243.5	256.4	285.4	354.6	394.4
EXPENDITURES ON GROSS DOMESTIC PRODUCT	183.0	196.5	214.6	247.3	285.9	317.3
EXPENDITURES ON GROSS NATIONAL PRODUCT	183.0	196.5	214.6	247.3	285.9	317.2

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

NATIONAL PRODUCT BY EXPENDITURE SHARES:
1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
369.1	410.4	611.0	711.1	713.2	747.2	808.2	892.7	1,006.3
319.5	335.5	430.9	535.7	591.7	666.4	776.6	865.7	1,007.5
313.0	327.4	403.5	513.8	592.2	679.5	818.6	920.7	1,093.3
327.7	346.8	478.2	572.0	590.8	643.9	699.8	771.6	873.3
367.5	411.4	646.9	767.7	802.2	837.8	899.5	983.0	1,127.4
363.2	413.9	641.9	760.8	803.6	847.0	911.2	991.2	1,125.8
410.4	455.0	676.6	790.4	839.2	896.8	992.4	1,113.0	1,286.4
410.4	451.5	673.6	798.3	839.8	895.9	989.1	1,105.9	1,276.5
410.3	457.0	677.9	786.5	838.8	897.3	994.0	1,116.4	1,290.8
310.3	369.6	588.6	716.2	760.5	791.2	832.3	887.5	999.7
321.1	390.8	564.6	654.1	658.3	703.3	753.5	831.7	899.8
406.6	465.1	651.3	775.3	735.3	787.5	742.9	746.1	851.9
344.0	384.4	575.4	681.5	687.8	742.7	814.0	900.0	1,028.1
343.9	384.0	575.4	680.3	686.8	742.7	814.0	900.2	1,028.1

Table 3.9 – GROSS NATIONAL PRODUCT, NATIONAL BY INDUSTRIAL ORIGIN

(In million pesos

Industry	1976	1977	1978	1979	1980	1981
1. AGRICULTURE, FISHERY AND FORESTRY	37,615	41,982	47,360	55,543	61,761	69,391
2. INDUSTRIAL SECTOR	46,095	53,100	61,281	76,934	96,722	111,597
a. Mining & quarrying	2,128	2,488	3,333	5,810	8,095	6,849
b. Manufacturing	32,931	37,392	43,688	52,144	64,555	75,151
c. Construction	9,805	11,794	12,591	16,855	21,311	26,268
d. Electricity, gas and water	1,231	1,426	1,669	2,125	2,761	3,329
3. SERVICE SECTOR	51,562	59,144	69,028	85,066	106,167	124,270
a. Transportation	7,348	8,415	9,894	12,377	16,444	19,618
b. Trade	18,810	22,276	26,433	33,517	42,050	49,765
c. Finance & Housing	10,354	11,689	13,617	16,606	20,608	22,612
d. Private Services	8,137	9,346	10,465	12,771	15,572	18,345
e. Government Services	6,913	7,418	8,619	9,795	11,493	13,930
GROSS DOMESTIC PRODUCT at market prices	135,272	154,226	177,669	217,543	264,650	305,258
Net factor income from abroad	(1,070)	(971)	(647)	489	(118)	(1,630)
GROSS NATIONAL PRODUCT at market prices	134,202	153,255	177,022	218,032	264,532	303,628
Indirect taxes net of subsidies	11,782	13,603	16,851	22,379	25,759	25,928
Depreciation	12,873	14,598	16,759	20,538	24,543	30,658
NET NATIONAL PRODUCT or NATIONAL INCOME	109,547	125,054	143,412	175,115	214,230	247,042

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

INCOME AND GROSS DOMESTIC PRODUCT
1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
76,721	84,546	139,505	162,519	155,989	170,770	190,153	226,698	261,940
122,583	138,180	186,154	200,544	204,980	232,585	277,155	322,270	371,917
6,106	7,021	9,714	11,529	12,445	13,600	15,996	16,463	17,039
83,133	95,172	137,251	150,523	155,172	173,539	207,427	241,256	278,953
29,302	30,730	31,209	27,506	22,685	28,113	33,645	42,677	49,733
4,042	5,257	7,980	10,986	14,678	17,333	20,087	21,874	26,192
141,293	161,370	214,807	249,621	266,160	305,013	358,544	415,567	495,960
21,376	24,378	33,820	38,263	39,256	42,027	44,973	47,980	59,757
56,356	66,094	99,711	118,370	121,243	137,375	162,668	188,749	223,916
26,141	30,002	31,203	32,287	38,168	48,467	55,688	67,492	80,463
21,031	23,357	28,819	33,668	35,765	38,534	44,246	52,036	61,054
16,389	17,539	21,254	27,033	31,728	38,610	54,969	59,310	70,770
340,597	384,096	540,466	612,684	627,129	708,368	825,852	964,535	1,129,817
(5,162)	(5,350)	(13,111)	(14,941)	(12,426)	(5,007)	(2,982)	(2,621)	2,587
335,435	378,746	527,355	597,743	614,703	703,361	822,870	961,914	1,132,404
28,665	34,689	43,920	49,346	52,309	70,231	64,160	78,504	91,498
34,664	39,180	53,749	67,222	71,682	77,615	79,687	87,101	99,818
272,106	304,877	429,686	481,175	490,712	555,515	679,023	796,309	941,088

Table 3.10 – GROSS NATIONAL PRODUCT, NATIONAL BY INDUSTRIAL ORIGIN

(In million pesos

Industry	1976	1977	1978	1979	1980	1981
1. AGRICULTURE, FISHERY AND FORESTRY	19,789	20,770	21,631	22,606	23,662	24,608
2. INDUSTRIAL SECTOR	25,743	27,907	29,611	31,975	33,471	34,963
a. Mining & quarrying	1,491	1,742	1,809	2,134	2,236	2,175
b. Manufacturing	18,299	19,672	21,108	22,239	23,175	23,959
c. Construction	5,275	5,782	5,944	6,759	7,139	7,830
d. Electricity, gas and water	678	711	750	843	921	999
3. SERVICE SECTOR	28,390	29,790	31,542	33,381	35,434	36,636
a. Transportation	4,002	4,235	4,501	4,613	4,827	5,040
b. Trade	9,312	9,954	10,697	11,525	12,224	12,731
c. Finance & Housing	5,687	5,884	6,164	6,560	7,121	6,964
d. Private Services	5,343	5,643	5,929	6,226	6,562	6,820
e. Government Services	4,046	4,074	4,251	4,457	4,700	5,081
GROSS DOMESTIC PRODUCT at market prices	73,922	78,467	82,784	87,962	92,567	96,207
Net factor income from abroad	(586)	(484)	(306)	196	(36)	(485)
GROSS NATIONAL PRODUCT at market prices	73,336	77,983	82,478	88,158*	92,531	95,722
Indirect taxes net of subsidies	6,438	6,921	7,851	9,049	9,017	8,175
Depreciation	6,910	7,480	7,981	8,757	9,440	10,544
NET NATIONAL PRODUCT or NATIONAL INCOME	59,988	63,582	66,646	70,352	74,074	77,003

Advanced estimates as of December 1990.

* Revision of the series is going on.

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

INCOME AND GROSS DOMESTIC PRODUCT
1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
25,378	24,845	25,409	26,252	27,110	26,834	27,793	28,986	29,620
35,714	35,955	32,282	29,000	28,396	30,498	33,235	35,533	36,220
2,016	1,966	1,755	1,768	1,574	1,547	1,615	1,563	1,602
24,535	25,108	23,319	21,541	21,717	23,076	25,281	26,886	27,259
8,079	7,689	5,866	4,258	3,382	3,967	4,344	4,947	5,153
1,084	1,192	1,342	1,433	1,723	1,908	1,995	2,137	2,206
37,907	39,120	36,236	34,652	35,674	38,039	40,422	42,649	44,050
5,165	5,266	5,032	4,953	5,105	5,251	5,487	5,761	5,977
13,103	13,930	14,073	14,066	14,337	15,153	15,998	16,795	17,352
7,252	7,578	5,134	4,286	4,831	5,832	6,250	6,843	7,205
7,048	7,052	6,412	6,094	6,039	6,106	6,445	6,767	6,997
5,339	5,294	5,585	5,253	5,362	5,697	6,242	6,483	6,519
98,999	99,920	93,927	89,904	91,180	95,371	101,450	107,168	109,890
(1,460)	(1,301)	(2,283)	(2,037)	(1,676)	(666)	(357)	(313)	253
97,539	98,619	91,644	87,867	89,504	94,705	101,093	106,855	110,143
8,324	9,048	7,474	7,241	7,605	9,456	7,882	8,722	8,899
11,149	11,394	10,936	10,726	9,966	9,870	9,842	9,605	9,518
78,066	78,177	73,234	69,900	71,933	75,379	83,369	88,528	91,726

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

(Base year:

Industry	1976	1977	1978	1979	1980	1981
1. AGRICULTURE, FISHERY AND FORESTRY	190.1	202.1	218.9	245.7	261.0	282.0
2. INDUSTRIAL SECTOR	179.1	190.3	207.0	240.6	289.0	319.2
a. Mining & quarrying	142.7	142.8	184.2	272.3	362.0	314.9
b. Manufacturing	180.0	190.1	207.0	234.5	278.6	313.7
c. Construction	185.9	204.0	211.8	249.4	298.5	335.5
d. Electricity, gas, and water	181.6	200.6	222.5	252.1	299.8	333.2
3. SERVICE SECTOR	181.6	198.5	218.8	254.8	299.6	339.2
a. Transportation	183.6	198.7	219.8	268.3	340.7	389.2
b. Trade	202.0	223.8	247.1	290.8	344.0	390.9
c. Finance & Housing	182.1	198.7	220.9	253.1	289.4	324.7
d. Private Services	152.3	165.6	176.5	205.1	237.3	269.0
e. Government Services	170.9	182.1	202.8	219.8	244.5	274.2
GROSS DOMESTIC PRODUCT at market prices	183.0	196.5	214.6	247.3	285.9	317.3
Net factor income from abroad	182.6	200.6	211.4	249.5	327.8	336.1
GROSS NATIONAL PRODUCT at market prices	183.0	196.5	214.6	247.3	285.9	317.2
Indirect taxes net of subsidies	183.0	196.5	214.6	247.3	285.7	317.2
Depreciation	186.3	195.2	210.0	234.5	260.0	290.8
NET NATIONAL PRODUCT or NATIONAL INCOME	182.6	196.7	215.2	248.9	289.2	320.8

Advanced estimates as of December 1990.

* Revision of the series is going on.

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

GROSS NATIONAL PRODUCT, NATIONAL INCOME
INDUSTRIAL ORIGIN: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
302.3	340.3	549.0	619.1	575.4	636.4	684.2	782.1	884.3
343.2	384.3	576.6	691.5	721.9	762.6	833.9	907.0	1,026.8
302.9	357.1	553.5	652.1	790.7	879.1	990.5	1,053.3	1,063.6
338.8	379.1	588.6	698.8	714.5	752.0	820.5	897.3	1,023.3
362.7	399.7	532.0	646.0	670.8	708.7	774.5	862.7	965.1
372.9	441.0	594.6	766.6	851.9	908.4	1,006.9	1,023.6	1,187.3
372.7	412.5	592.8	720.4	746.1	801.8	887.0	974.4	1,125.9
413.9	462.9	672.1	772.5	769.0	800.4	819.6	832.8	999.8
430.1	474.5	708.5	841.5	845.7	906.6	1,016.8	1,123.8	1,290.4
360.5	395.9	607.8	753.3	790.1	831.1	891.0	986.3	1,116.8
298.4	331.2	449.5	552.5	592.2	631.1	686.5	769.0	872.6
307.0	331.3	380.6	514.6	591.7	677.7	880.6	914.9	1,085.6
344.0	384.4	575.4	681.5	687.8	742.7	814.0	900.0	1,028.1
353.6	411.2	574.3	733.5	741.4	751.8	835.3	837.4	1,022.5
343.9	384.0	575.4	680.3	686.8	742.7	814.0	900.2	1,028.1
344.4	383.4	587.6	681.5	687.8	742.7	814.0	900.1	1,028.2
310.9	343.9	491.5	626.7	719.3	786.4	809.7	906.8	1,048.7
348.6	390.0	586.7	688.4	682.2	737.0	814.5	899.5	1,026.0

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

Item	1976	1977	1978	1979	1980	1981
A. Estimates in current pesos						
Gross domestic product	3,116	3,459	3,880	4,625	5,502	6,162
Gross national product	3,092	3,438	3,866	4,635	5,500	6,129
National income	2,524	2,805	3,132	3,723	4,454	4,987
Personal consumption expenditures	2,007	2,302	2,595	3,116	3,703	4,178
B. Estimates in 1972 pesos *						
Gross domestic product	1,703	1,760	1,808	1,870	1,925	1,942
Gross national product	1,690	1,749	1,801	1,874	1,924	1,932
National income	1,382	1,426	1,455	1,496	1,540	1,554
Personal consumption expenditures	1,125	1,153	1,181	1,206	1,232	1,244
C. Population (In thousands)	43.406	44.583	45.794	47.037	48.098	49.536

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

GROSS NATIONAL PRODUCT, NATIONAL INCOME AND PERSONAL
1976 to 1990

1982	1983	1984	1985	1986	1987	1988	1989	1990
6,707	7,379	10,130	11,209	11,413	12,350	14,064	16,049	18,377
6,605	7,276	9,885	10,936	11,187	12,263	14,013	16,005	18,419
5,358	5,857	8,054	8,803	8,930	9,685	11,564	13,250	15,307
4,617	5,152	7,562	8,583	8,644	9,172	10,274	11,723	13,715
1,949	1,920	1,761	1,645	1,659	1,663	1,728	1,783	1,787
1,921	1,895	1,718	1,608	1,629	1,651	1,722	1,778	1,792
1,537	1,502	1,373	1,279	1,309	1,314	1,420	1,473	1,492
1,251	1,255	1,238	1,207	1,212	1,228	1,271	1,313	1,363
50.783	52.055	53.351	54.660	54.950	57.356	58.721	60.100	61.480

Table 3.13 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

Type of production	1976	1977	1978	1979	1980	1981
AGRICULTURAL CROPS	23,590	25,921	28,602	34,269	36,332	40,386
Palay	6,257	6,351	6,935	7,699	9,080	10,901
Corn	2,322	2,711	2,780	2,887	3,481	4,044
Coconut including copra	3,102	3,755	4,058	5,861	4,536	3,066
Sugarcane	2,545	2,117	2,176	2,508	2,700	3,182
Banana	721	845	1,044	1,285	1,483	1,697
Other crops	8,643	10,142	11,609	14,029	15,052	17,496
LIVESTOCK	2,856	3,047	3,392	3,855	3,838	4,195
POULTRY	1,481	1,780	2,134	2,732	3,650	4,838
FISHERY	6,386	7,496	8,498	9,568	11,198	13,821
FORESTRY	3,302	3,738	4,734	5,119	6,743	6,151
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	37,615	41,982	47,360	55,543	61,761	69,391

Table 3.14 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY

(In million pesos

Type of production	1976	1977	1978	1979	1980	1981
AGRICULTURAL CROPS	12,182	12,825	13,285	14,151	14,926	15,418
Palay	3,397	3,794	3,767	3,948	4,169	4,307
Corn	1,241	1,358	1,439	1,423	1,447	1,494
Coconut including copra	1,438	1,327	1,330	1,270	1,313	1,396
Sugarcane	1,638	1,343	1,295	1,366	1,322	1,337
Banana	451	508	614	714	826	778
Other crops	4,017	4,495	4,840	5,430	5,849	6,106
LIVESTOCK	1,737	1,805	1,910	1,956	1,841	1,925
POULTRY	968	1,057	1,207	1,387	1,633	1,958
FISHERY	3,309	3,501	3,666	3,677	3,876	4,132
FORESTRY	1,593	1,582	1,563	1,435	1,386	1,175
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	19,789	20,770	21,631	22,606	23,662	24,608

Advanced estimates as of December 1990.

* Revision of the series is going on.

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

AND FORESTRY BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
44,198	47,779	83,470	98,819	87,576	95,516	106,926	129,980	147,326
11,944	12,225	21,417	29,251	21,012	24,028	28,018	36,598	39,701
4,563	4,272	7,710	10,687	9,477	11,551	11,731	15,833	18,424
3,053	5,221	10,975	8,837	7,460	8,582	9,490	11,396	12,216
4,053	3,286	5,329	3,358	3,171	4,030	5,150	6,189	6,826
1,757	2,538	3,954	4,495	4,450	5,068	5,304	5,665	6,889
18,828	20,237	34,085	42,191	42,006	42,257	47,233	55,299	63,270
4,616	5,330	9,435	10,068	10,969	11,742	13,891	17,491	22,030
5,779	7,106	11,441	14,783	14,865	16,286	18,988	22,339	27,716
14,777	16,790	23,116	27,984	32,705	36,319	37,227	44,546	51,121
7,351	7,541	12,043	10,865	9,874	10,907	13,121	12,342	13,747
76,721	84,546	139,505	162,519	155,989	170,770	190,153	226,698	261,940

AND FORESTRY BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
15,932	14,968	15,564	16,434	17,075	16,374	16,549	17,019	16,827
4,489	3,900	4,201	4,665	4,899	4,513	4,741	4,998	4,808
1,522	1,373	1,470	1,698	1,798	1,872	1,938	1,979	2,121
1,370	1,210	952	1,420	1,821	1,803	1,639	1,551	1,568
1,544	1,133	1,332	829	775	701	799	894	840
792	903	908	931	935	878	853	887	810
6,215	6,449	6,701	6,891	6,847	6,607	6,579	6,710	6,680
2,017	2,170	2,162	2,114	2,283	2,432	2,666	2,942	3,180
2,192	2,481	2,589	2,576	2,547	2,742	3,055	3,347	3,662
4,254	4,407	4,329	4,422	4,551	4,638	4,834	5,046	5,358
983	819	765	706	654	648	689	632	593
25,378	24,845	25,409	26,252	27,110	26,834	27,793	28,986	29,620

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

Type of production	1976	1977	1978	1979	1980	1981
AGRICULTURAL CROPS	193.6	202.1	215.3	242.2	243.4	261.9
Palay	184.2	167.4	184.1	195.0	217.8	253.1
Corn	187.1	199.6	193.2	202.9	240.6	270.7
Coconut including copra	215.7	283.0	305.1	461.5	345.5	219.6
Sugarcane	155.4	157.6	168.0	183.6	204.2	238.0
Banana	159.9	166.3	170.0	180.0	179.5	218.1
Other crops	215.2	225.6	239.9	258.4	257.3	286.5
LIVESTOCK	164.4	168.8	177.6	197.1	208.5	217.9
POULTRY	153.0	168.4	176.8	197.0	223.5	247.1
FISHERY	193.0	214.1	231.8	260.2	288.9	334.5
FORESTRY	207.3	236.3	302.9	356.7	486.5	523.5
GROSS VALUE ADDED IN AGRICULTURE, FISHERY AND FORESTRY	190.1	202.1	218.9	245.7	261.0	282.0

Advanced estimates as of December 1990.

* Revision on the series is going on.

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

GROSS VALUE ADDED IN AGRICULTURE,
BY INDUSTRY GROUP: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
277.4	319.2	536.3	601.3	512.9	583.3	646.1	763.7	875.5
266.1	313.5	509.8	627.0	428.9	532.4	591.0	712.2	825.7
299.8	311.1	524.5	629.4	527.1	617.0	605.3	800.1	868.6
222.8	431.5	1,152.8	622.3	409.7	476.0	579.0	734.8	779.1
262.5	290.0	400.1	405.1	409.2	574.9	644.6	692.3	812.6
221.8	281.1	435.5	482.8	475.9	577.2	621.8	638.7	850.5
302.9	313.8	508.7	612.3	613.5	639.6	717.9	824.1	947.2
228.9	245.6	436.4	476.3	480.5	482.8	521.0	594.5	692.8
263.6	286.4	441.9	573.9	583.6	593.9	621.5	667.4	756.9
347.4	381.0	534.0	632.8	718.6	783.1	770.1	882.8	954.1
747.8	920.8	1,574.2	1,539.0	1,509.8	1,683.2	1,904.4	1,952.8	2,318.2
302.3	340.3	549.0	619.1	575.4	636.4	684.2	782.1	884.3

Table 3.16 – GROSS VALUE ADDED IN MINING

(In million pesos

Type of production	1976	1977	1978	1979	1980	1981
1. Copper mining	1,129	1,032	1,283	2,713	3,068	2,074
2. Gold mining	304	441	665	1,109	2,951	2,561
3. Chromium mining	120	209	220	258	232	227
4. Nickel mining	44	198	122	147	199	97
5. Other metal mining	102	99	212	633	625	452
6. Stone quarrying, and sand pits	249	354	701	736	774	1,075
8. Other non-metallic mining and quarrying	180	155	130	214	246	363
GROSS VALUE ADDED IN MINING AND QUARRYING	2,128	2,488	3,333	5,810	8,095	6,849

Table 3.17 – GROSS VALUE ADDED IN MINING

(In million pesos

Type of production	1976	1977	1978	1979	1980	1981
1. Copper mining	1,164	1,336	1,284	1,463	1,493	1,482
2. Gold mining	93	104	108	99	119	139
3. Chromium mining	37	45	45	47	42	36
4. Nickel mining	20	75	56	59	88	36
5. Other metal mining	46	45	140	235	204	84
6. Stone quarrying, and sand pits	87	90	125	167	216	297
8. Other non-metallic mining and quarrying	44	47	51	64	74	101
GROSS VALUE ADDED IN MINING AND QUARRYING	1,491	1,742	1,809	2,134	2,236	2,175

Advanced estimates as of December 1990.
* Revision on the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

AND QUARRYING BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
1,616	1,784	2,915	3,427	3,418	3,732	4,419	4,689	4,736
2,427	3,018	4,263	4,818	6,660	7,370	8,702	8,238	8,158
196	197	332	350	187	182	212	340	342
46	38	33	386	70	55	110	394	421
146	153	169	333	109	110	121	111	104
1,215	1,270	1,517	1,303	1,287	1,503	1,707	1,907	2,407
460	561	485	912	714	648	725	784	871
6,106	7,021	9,714	11,529	12,445	13,600	15,996	16,463	17,039

AND QUARRYING BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
1,332	1,284	1,154	1,075	1,048	1,027	1,059	959	978
151	147	134	187	144	132	138	151	138
26	22	21	24	11	10	9	11	14
22	18	18	32	17	15	20	33	30
43	30	22	52	16	14	15	14	14
321	328	272	194	184	200	215	230	257
121	137	134	204	154	149	159	165	171
2,016	1,966	1,755	1,768	1,574	1,547	1,615	1,563	1,602

Table 3.18 – IMPLICIT PRICE INDEX OF BY INDUSTRY GROUP

(Base year:

Type of production	1976	1977	1978	1979	1980	1981
1. Copper mining	97.0	77.2	99.9	185.4	205.5	139.9
2. Gold mining	326.9	424.0	615.7	1,120.2	2,479.8	1,842.4
3. Chromium mining	324.3	464.4	488.9	548.9	552.4	630.6
4. Nickel mining	220.0	264.0	217.9	249.2	226.1	269.4
5. Other metal mining	221.7	220.0	151.4	269.4	306.4	538.1
6. Stone quarrying, and sand pits	286.2	393.3	560.8	440.7	358.3	362.0
7. Other non-metallic mining and quarrying	409.1	329.8	254.9	334.4	332.4	359.4
GROSS VALUE ADDED IN MINING AND QUARRYING	142.7	142.8	184.2	272.3	362.0	314.9

Advanced estimates as of December 1990.

* Revision on the series is going on.

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

GROSS VALUE ADDED IN MINING AND QUARRYING
1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
121.3	138.9	252.6	318.8	326.1	363.4	417.3	488.9	484.3
1,607.3	2,053.1	3,181.3	2,576.5	4,625.0	5,583.3	6,305.8	5,455.6	5,911.6
753.8	895.5	1,581.0	1,458.3	1,700.0	1,820.0	2,355.6	3,090.9	2,442.9
209.1	211.1	183.3	1,206.3	411.8	366.7	550.0	1,193.9	1,403.3
339.5	510.0	768.2	640.4	681.3	785.7	806.7	792.9	742.9
378.5	387.2	557.7	671.6	699.5	751.5	794.0	829.1	936.6
380.2	409.5	361.9	447.1	463.6	434.9	456.0	475.2	509.4
302.9	357.1	553.5	652.1	790.7	879.1	990.5	1,053.3	1,063.6

Table 3.19 – GROSS VALUE ADDED IN MANUFACTURING

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
Food manufactures	10,298	11,633	13,608	15,800	19,397	23,694
Beverage industries	1,311	1,634	1,839	2,014	2,388	2,818
Tobacco manufactures	1,576	1,771	1,946	2,136	2,419	2,806
Textile manufactures	3,034	3,083	3,320	4,008	4,453	5,161
Footwear, wearing apparel	1,574	1,878	2,120	2,661	3,505	4,567
Wood and cork products	952	1,153	1,876	2,061	2,352	2,882
Furniture and fixtures	214	282	301	276	327	375
Paper and paper products	324	348	647	729	919	967
Publishing and printing	372	398	447	541	632	747
Leather and leather products	82	97	115	140	172	191
Rubber products	572	619	805	706	782	900
Chemicals and chemical products	2,918	3,770	4,481	5,141	5,919	5,983
Products of petroleum and coal	3,849	3,907	4,026	6,051	9,535	10,651
Non-metallic mineral products	828	968	1,220	1,427	1,832	1,978
Basic metal industries	1,126	1,380	1,658	2,079	2,237	2,217
Metal products	963	1,179	1,369	1,686	1,919	1,945
Machinery except electrical	721	821	965	1,134	1,377	1,610
Electrical machinery	836	974	1,206	1,529	2,006	2,844
Transport equipment	950	1,059	1,249	1,381	1,530	1,757
Miscellaneous manufactures	431	438	490	644	854	1,058
GROSS VALUE ADDED IN MANUFACTURING	32,931	37,392	43,688	52,144	64,555	75,151

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

BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
27,189	31,388	49,745	56,062	57,334	65,416	76,560	89,763	101,604
3,083	3,471	4,544	5,254	5,070	6,081	7,250	8,401	9,819
2,973	3,277	4,394	5,890	4,963	4,871	5,930	6,244	6,512
5,261	5,794	7,586	7,551	9,878	11,871	13,148	14,050	14,373
4,983	5,852	8,672	10,140	12,276	13,063	16,262	20,815	24,432
3,042	3,431	3,923	4,076	3,130	3,549	4,397	4,873	5,335
404	435	599	606	701	821	1,014	1,259	1,581
921	1,115	1,865	1,864	2,101	2,351	2,983	3,930	4,036
827	936	1,505	1,887	2,240	2,500	3,298	3,872	4,456
201	208	336	356	328	390	456	545	557
1,029	1,125	1,766	1,745	1,900	2,161	2,582	2,785	2,923
6,105	7,227	10,334	10,424	10,826	11,796	14,663	15,270	16,799
11,617	13,000	19,184	18,304	15,857	16,605	18,637	18,796	28,086
2,289	2,506	2,956	2,668	2,805	3,169	4,238	6,763	8,860
2,614	3,126	5,068	6,459	6,327	7,608	10,030	13,277	14,528
2,283	2,639	2,768	3,638	3,678	4,105	5,056	6,545	7,542
1,824	2,043	1,916	2,333	2,518	2,792	3,359	4,220	4,908
3,383	4,471	6,405	6,097	7,567	8,181	10,712	11,878	13,495
1,841	1,667	462	647	676	991	1,265	2,015	2,302
1,264	1,461	3,223	4,522	4,997	5,218	5,587	5,955	6,805
83,133	95,172	137,251	150,523	155,172	173,539	207,427	241,256	278,953

Table 3.20 – GROSS VALUE ADDED IN MANUFACTURING

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
Food manufactures	6,696	7,085	7,622	7,865	8,419	8,803
Beverage industries	531	636	694	717	732	730
Tobacco manufactures	955	962	987	1,029	1,039	1,100
Textile manufactures	1,051	1,038	1,060	1,061	1,049	1,095
Footwear, wearing apparel	768	813	867	932	1,019	1,189
Wood and cork products	463	593	622	677	665	707
Furniture and fixtures	108	114	117	124	132	139
Paper and paper products	173	176	187	193	191	188
Publishing and printing	278	274	281	301	324	344
Leather and leather products	53	57	61	67	68	70
Rubber products	275	273	280	311	302	311
Chemicals and chemical products	1,688	2,025	2,234	2,321	2,365	2,317
Products of petroleum and coal	1,319	1,303	1,337	1,398	1,373	1,287
Non-metallic mineral products	485	495	520	535	574	540
Basic metal industries	630	725	785	865	853	791
Metal products	713	846	929	1,040	1,041	977
Machinery except electrical	528	561	620	670	726	764
Electrical machinery	635	704	846	1,005	1,153	1,401
Transport equipment	736	796	861	898	885	910
Miscellaneous manufactures	214	196	198	230	265	296
GROSS VALUE ADDED IN MANUFACTURING	18,299	19,672	21,108	22,239	23,175	23,959

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

Table 3.48 – MATRIX OF
(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.

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	8.84	10.02	37.28	10.63	1.84	8.21	13.88	14.05
NCR. Metro Manila	9.53	10.26	27.16	6.68	15.87	1.59	18.28	14.58
I. Ilocos Region	10.28	11.68	41.82	20.34	12.79	(2.95)	12.17	10.92
II. Cagayan Valley	10.43	9.52	40.04	5.60	(16.72)	8.78	9.25	17.04
III. Central Luzon	9.33	7.28	40.69	10.04	(6.07)	7.90	13.53	13.26
IV. Southern Tagalog	7.87	11.93	39.04	10.91	(0.84)	4.25	8.05	13.26
V. Bicol Region	4.92	12.14	38.39	15.64	(2.95)	5.89	13.83	11.34
VI. Western Visayas	9.62	9.02	38.16	2.38	(6.69)	11.51	12.03	11.45
VII. Central Visayas	7.17	9.74	41.84	9.30	2.44	13.14	16.19	18.23
VIII. Eastern Visayas	9.46	10.74	35.78	39.22	(1.56)	15.32	12.14	11.96
IX. Western Mindanao	6.09	9.51	37.42	13.38	(0.48)	13.71	7.53	14.91
X. Northern Mindanao	8.71	2.81	49.64	15.33	(0.29)	10.87	14.21	12.88
XI. Southern Mindanao	7.33	11.57	52.15	12.71	(0.60)	11.30	12.81	12.17
XII. Central Mindanao	8.21	8.97	44.09	16.51	0.50	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 - 86	86 - 87	87 - 88	88 - 89
PHILIPPINES	0.36	(1.49)	(8.28)	(6.64)	0.91	0.24	3.91	3.18
NCR. Metro Manila	0.32	(0.32)	(12.66)	(11.45)	5.99	(5.08)	6.29	4.21
I. Ilocos Region	3.74	(0.28)	(5.47)	0.69	14.22	(9.72)	3.59	1.73
II. Cagayan Valley	(1.72)	(5.18)	(9.44)	(3.88)	(5.74)	(2.03)	1.27	0.45
III. Central Luzon	1.07	(4.00)	(10.06)	(4.23)	(6.05)	1.52	3.96	5.24
IV. Southern Tagalog	(0.38)	(2.17)	(4.39)	(6.03)	2.52	(5.84)	1.82	1.68
V. Bicol Region	(0.45)	1.48	(7.18)	(3.87)	(4.15)	0.66	3.52	0.88
VI. Western Visayas	2.67	(5.21)	(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	(38.00)	(1.74)	(7.48)	1.23	17.32	7.15	1.83	(0.11)
IX. Western Mindanao	(1.56)	(1.58)	(8.11)	(0.61)	1.05	5.48	1.90	2.83
X. Northern Mindanao	0.18	(6.19)	(1.83)	0.86	1.12	2.54	4.01	3.00
XI. Southern Mindanao	0.35	1.44	(4.37)	(0.71)	1.79	3.70	0.45	1.97
XII. Central Mindanao	(1.08)	(0.68)	(7.52)	0.00	4.89	(2.12)	2.16	2.96

Revised estimates as of December 1990.
* Revision of the series is going on.
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	6,162	6,707	7,379	10,130	11,207	11,413	12,350	14,064	16,040
NCR.	*Metro Manila*	15,273	16,728	18,444	23,454	25,020	28,990	29,451	34,836	39,914
I.	*Ilocos Region*	3,347	3,691	4,122	5,846	7,035	7,935	7,701	8,638	9,581
II.	*Cagayan Valley*	3,709	4,096	4,486	6,282	6,634	5,525	6,010	6,566	7,685
III.	*Central Luzon*	5,919	6,471	6,942	9,767	10,748	10,096	10,891	12,360	14,008
IV.	*Southern Tagalog*	7,024	7,577	8,481	11,792	13,078	12,968	13,519	14,607	16,544
V.	*Bicol Region*	2,843	2,983	3,345	4,629	5,353	5,195	5,501	6,262	6,972
VI.	*Western Visayas*	4,958	5,435	5,925	8,106	8,381	7,820	8,720	9,769	10,888
VII.	*Central Visayas*	5,383	5,769	6,331	8,980	9,815	10,054	11,375	13,217	15,626
VIII.	*Eastern Visayas*	2,347	2,569	2,845	3,863	5,378	5,294	6,105	6,846	7,665
IX.	*Western Mindanao*	4,151	4,404	4,823	6,628	7,515	7,479	8,504	9,144	10,507
X.	*Northern Mindana*	5,360	5,827	5,991	8,965	10,339	10,309	11,430	13,054	14,736
XI.	*Southern Mindanao*	5,715	6,134	6,844	10,413	11,736	11,006	13,140	14,823	16,627
XII.	*Central Mindanao*	4,409	4,771	5,199	7,491	8,728	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	1,761	1,644	1,659	1,663	1,728	1,783
NCR.	*Metro Manila*	4,968	4,984	4,968	4,339	3,842	4,072	3,865	4,108	4,281
I.	*Ilocos Region*	1,043	1,082	1,079	1,020	1,027	1,173	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	1,404	1,319	1,339	1,392	1,465
IV.	*Southern Tagalog*	2,081	2,073	2,028	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*	1,683	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	789	730	739	867	929	946	945
IX.	*Western Mindanao*	1,286	1,266	1,246	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	1,703	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

Revised estimates as of December 1990.
* Revision of the series is going on.
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 1972 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	27,793	28,986
NCR. Metro Manila	0	0	0	0	0	0	0	0	0
I. Ilocos Region	1,473	1,723	1,735	1,764	1,879	1,944	1,509	1,918	1,948
II. Cagayan Valley	1,130	1,144	1,183	1,269	1,353	1,304	1,305	1,405	1,434
III. Central Luzon	2,238	2,378	2,175	2,063	2,228	2,210	2,228	2,244	2,553
IV. Southern Tagalog	3,770	3,822	3,626	3,980	3,912	4,233	4,225	4,542	4,607
V. Bicol Region	1,636	1,651	1,759	1,769	1,825	1,801	1,745	1,828	1,838
VI. Western Visayas	2,996	3,193	2,895	3,057	2,775	2,775	2,766	2,847	2,906
VII. Central Visayas	1,544	1,492	1,536	1,467	1,458	1,530	1,548	1,578	1,837
VIII. Eastern Visayas	1,216	1,210	1,221	1,250	1,344	1,389	1,352	1,379	1,380
IX. Western Mindanao	2,037	2,041	2,039	1,976	2,108	2,156	2,104	2,204	2,321
X. Northern Mindanao	1,972	2,102	1,872	2,065	2,137	2,273	2,245	2,284	2,438
XI. Southern Mindanao	2,638	2,688	2,858	2,878	3,190	3,315	3,381	3,390	3,475
XII. Central Mindanao	1,957	1,934	1,946	1,869	2,024	2,179	2,115	2,173	2,247

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	684.18	782.09
NCR. Metro Manila	-	-	-	-	-	-	-	-	-
I. Ilocos Region	280.65	294.89	324.38	526.81	628.49	567.98	751.03	674.30	765.30
II. Cagayan Valley	303.81	353.85	429.75	725.06	722.70	553.71	636.32	666.48	817.92
III. Central Luzon	257.82	278.81	313.33	508.19	607.81	534.78	591.29	668.72	775.48
IV. Southern Tagalog	263.16	278.23	322.17	509.62	579.65	548.48	597.70	629.28	729.63
V. Bicol Region	293.09	307.21	338.03	545.17	644.49	623.35	665.50	713.73	792.87
VI. Western Visayas	269.19	280.65	318.62	471.67	552.58	528.71	600.76	643.13	708.98
VII. Central Visayas	258.94	288.87	310.81	493.46	572.09	551.98	607.69	635.99	742.19
VIII. Eastern Visayas	274.26	295.95	345.62	524.88	605.64	573.73	635.06	676.14	774.35
IX. Western Mindanao	315.22	337.33	377.34	578.49	635.28	622.98	707.22	737.02	840.28
X. Northern Mindanao	300.15	326.93	355.29	580.97	641.58	622.74	677.82	750.74	817.47
XI. Southern Mindanao	308.49	326.64	361.56	649.76	672.94	617.91	680.42	757.40	858.59
XII. Central Mindanao	279.10	303.36	333.76	548.53	621.13	564.57	632.72	666.59	795.91

Revised estimates as of December 1990.
* Revision of the series is going on.
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	687.78	742.74	814.06	899.72
NCR.	*Metro Manila*	307.41	335.61	371.23	540.50	651.25	711.91	761.95	848.07	932.32
I.	*Ilocos Region*	320.72	341.20	381.91	573.35	685.29	660.17	727.05	787.56	858.68
II.	*Cagayan Valley*	319.67	359.22	414.92	641.53	705.13	523.10	691.61	745.98	869.65
III.	*Central Luzon*	352.39	381.18	425.93	666.10	765.35	764.73	813.39	888.24	956.38
IV.	*Southern Tagalog*	337.57	365.51	418.27	608.15	717.78	694.26	768.58	815.74	908.29
V.	*Bicol Region*	322.18	339.76	375.45	559.41	673.44	670.76	717.60	788.99	870.79
VI.	*Western Visayas*	294.55	314.44	361.64	538.87	648.47	641.69	702.45	768.61	845.60
VII.	*Central Visayas*	297.87	327.00	362.88	552.36	655.60	662.72	709.96	782.03	875.59
VIII.	*Eastern Visayas*	293.31	319.85	360.92	529.23	727.56	724.89	657.30	723.40	810.70
IX.	*Western Mindanao*	322.62	347.68	387.22	579.02	660.21	650.27	701.18	739.69	826.40
X.	*Northern Mindana*	328.96	357.00	391.37	596.34	681.82	672.32	727.02	798.56	875.17
XI.	*Southern Mindanao*	330.18	353.07	388.34	618.16	701.38	693.16	743.98	835.59	919.22
XII.	*Central Mindanao*	296.55	324.33	355.88	554.59	645.86	619.28	691.82	744.48	853.91

Table 3.41 – GROSS VALUE ADDED IN AGRICULTURE, FISHERY & 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	190,153	226,698
NCR.	*Metro Manila*	-	0	0	0	0	0	0	0	0
I.	*Ilocos Region*	4,134	5,081	5,628	9,293	11,808	11,044	11,333	12,933	14,908
II.	*Cagayan Valley*	3,433	4,048	5,084	9,201	9,778	7,218	8,304	9,364	11,729
III.	*Central Luzon*	5,770	6,630	6,815	10,484	13,544	11,821	13,174	15,006	19,798
IV.	*Southern Tagalog*	9,921	10,634	11,682	20,283	22,678	23,216	25,253	28,582	33,614
V.	*Bicol Region*	4,795	5,072	5,946	9,644	11,762	11,229	11,613	13,047	14,573
VI.	*Western Visayas*	8,065	8,961	9,224	14,419	15,333	14,674	16,617	18,310	20,603
VII.	*Central Visayas*	3,998	4,310	4,774	7,239	8,344	8,446	9,407	10,036	13,634
VIII.	*Eastern Visayas*	3,335	3,581	4,220	6,561	8,137	7,969	8,586	9,324	10,686
IX.	*Western Mindanao*	6,421	6,885	7,694	11,431	13,389	13,433	14,880	16,244	19,503
X.	*Northern Mindana*	5,919	6,872	6,651	11,997	13,710	14,155	15,217	17,147	19,930
XI.	*Southern Mindanao*	8,138	8,780	10,333	18,700	21,464	20,484	23,005	25,676	29,836
XII.	*Central Mindanao*	5,462	5,867	6,495	10,252	12,570	12,299	13,382	14,485	17,884

Figures may not add up to total due to rounding.
Revised estimates as of December 1990.
* Revision of the series is going on.
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	627,128	708,369	825,852	963,997
NCR. Metro Manila	94,004	106,140	120,626	158,053	173,686	186,550	216,583	263,395	310,052
I. Ilocos Region	12,088	13,590	15,475	22,378	27,452	28,860	31,234	35,708	40,375
II. Cagayan Valley	8,468	9,584	10,763	15,448	16,723	14,276	15,914	17,814	21,350
III. Central Luzon	29,280	32,808	36,072	52,009	58,663	56,432	62,379	72,516	84,075
IV. Southern Tagalog	44,485	49,369	56,847	81,291	92,707	94,505	101,230	112,360	130,648
V. Bicol Region	10,155	10,913	12,525	17,739	20,991	20,846	22,583	26,289	29,929
VI. Western Visayas	23,037	25,841	28,830	40,760	42,676	40,719	46,418	53,134	60,494
VII. Central Visayas	20,848	22,792	25,525	36,936	41,174	43,014	49,619	58,762	70,800
VIII. Eastern Visayas	6,705	7,475	8,431	11,659	16,525	16,562	19,443	22,201	25,302
IX. Western Mindanao	10,824	11,762	13,185	18,546	21,516	21,901	25,460	27,990	32,866
X. Northern Mindanao	15,280	17,079	18,046	27,736	32,858	33,644	38,292	44,879	51,959
XI. Southern Mindanao	19,768	21,781	24,947	38,944	45,018	46,442	52,979	61,249	70,366
XII. Central Mindanao	10,317	11,465	12,826	18,967	22,675	23,378	26,234	29,556	35,779

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	91,181	95,373	101,449	107,144
NCR. Metro Manila	30,579	31,626	32,494	29,242	26,670	26,204	28,425	31,058	33,256
I. Ilocos Region	3,769	3,983	4,052	3,903	4,006	4,266	4,296	4,534	4,702
II. Cagayan Valley	2,649	2,668	2,594	2,408	2,372	2,291	2,301	2,388	2,455
III. Central Luzon	8,309	8,607	8,469	7,808	7,665	7,374	7,669	8,164	8,791
IV. Southern Tagalog	13,178	13,507	13,591	13,367	12,916	13,609	13,171	13,774	14,384
V. Bicol Region	3,152	3,212	3,336	3,171	3,117	3,057	3,147	3,332	3,437
VI. Western Visayas	7,821	8,218	7,972	7,564	6,581	6,345	6,608	6,913	7,154
VII. Central Visayas	6,999	6,970	7,034	6,687	6,280	6,476	6,989	7,514	8,086
VIII. Eastern Visayas	2,286	2,337	2,336	2,203	2,271	2,712	2,958	3,069	3,121
IX. Western Mindanao	3,355	3,383	3,405	3,203	3,259	3,368	3,631	3,784	3,977
X. Northern Mindanao	4,645	4,784	4,611	4,651	4,819	5,003	5,267	5,620	5,937
XI. Southern Mindanao	5,987	6,169	6,424	6,300	6,418	6,700	7,121	7,330	7,655
XII. Central Mindanao	3,479	3,535	3,604	3,420	3,511	3,775	3,792	3,970	4,190

Figures may not add up to total due to rounding.
Revised estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

Table 3.37– GROSS DOMESTIC CAPITAL FORMATION IN DURABLE EQUIPMENT BY MAJOR TYPE: 1982 to 1990

(In million pesos : at current prices)

Type of equipment	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total Durable Equipment	34,644	40,893	36,188	33,746	34,618	44,851	58,574	80,961	104,017
A. Special Industrial Machinery	13,997	13,621	12,920	12,475	9,757	13,841	16,248	22,238	32,423
1. Agricultural Machinery	721	578	670	737	217	225	319	360	551
2. Tractors other than Steam	813	654	817	927	73	67	106	249	214
3. Mining/Construction Equip.	2,364	1,732	965	883	657	1,056	1,230	1,896	2,681
4. Textile Machinery	1,115	1,036	968	1,076	573	2,163	3,197	5,648	7,529
5. Sawmill and Logging Equip.	50	40	17	17	78	129	172	182	204
6. Sugarmill Equipment	23	4	3	0	7	13	26	45	25
7. Pulp and Paper Machinery	91	42	365	55	90	205	245	617	887
8. Metal Working Machinery	1,340	839	837	1,069	765	1,082	1,230	1,821	2,823
9. Communication and Related Machinery	4,830	4,831	4,801	5,250	4,244	4,277	4,239	3,113	3,587
10. Other Special Industrial Machineries	2,650	3,865	3,477	2,461	3,053	4,624	5,484	8,307	13,922
B. General Industrial Machinery	10,908	12,997	10,243	11,407	16,005	19,483	20,393	25,639	31,931
1. Aircon/Refrigeration Equip.	141	103	112	124	4,388	5,884	5,570	6,414	6,800
2. Pumps and Compressors	1,053	1,017	951	878	958	1,396	2,008	2,445	3,412
3. Other Electrical Machinery	3,824	5,159	4,616	5,104	6,051	7,219	6,851	5,268	6,551
4. Other General Industrial Machineries	5,890	6,718	4,564	5,301	4,608	4,984	5,964	11,512	15,168
C. Transport Equipment	6,187	9,752	7,402	3,427	2,630	3,269	11,810	20,163	24,323
1. Road Vehicles	5,455	8,060	3,436	3,085	2,406	2,610	8,341	14,818	18,432
2. Railway Transport	37	44	809	62	38	95	139	15	10
3. Air Transport	324	466	2,740	55	3	412	2,894	4,917	5,493
4. Water Transport	371	1,182	417	225	183	152	436	413	388
D. Miscellaneous Equipment	3,552	4,523	5,623	6,437	6,226	8,258	10,123	12,821	15,340
1. Office Machines and Automatic Data Processing	823	882	742	1,004	1,043	1,264	1,354	2,298	2,979
2. Other Miscellaneous Durable Equipment	2,729	3,641	4,881	5,433	5,183	6,994	8,769	10,523	12,361

Revised estimates as of April 1989.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
16,389	17,539	21,254	27,033	31,728	38,610	50,969	59,310	70,770
21,031	23,357	28,819	33,668	35,765	38,534	44,246	52,036	61,054
2,199	2,472	3,114	4,021	4,288	4,684	5,521	7,140	9,105
3,969	4,603	5,698	6,920	7,546	8,170	9,260	10,760	12,568
2,651	3,046	3,709	5,106	5,440	5,777	6,741	7,701	9,575
1,721	1,802	2,200	2,406	2,663	2,722	3,190	3,510	4,003
2,627	2,765	3,245	3,404	3,682	3,951	4,552	5,312	6,534
4,532	4,991	6,656	7,499	8,039	9,060	10,414	12,709	13,910
3,332	3,678	4,197	4,312	4,107	4,170	4,568	4,904	5,359
37,420	40,896	50,073	60,701	67,493	77,144	95,215	111,346	131,824

BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
5,339	5,294	5,585	5,253	5,362	5,697	6,242	6,483	6,519
7,048	7,052	6,412	6,094	6,039	6,106	6,445	6,767	6,997
865	877	855	890	866	897	937	988	1,038
1,032	1,064	1,016	1,067	1,085	1,108	1,185	1,314	1,369
1,097	1,120	947	965	948	949	978	984	1,018
505	493	457	402	420	408	432	444	455
807	774	690	597	599	600	623	656	696
1,569	1,536	1,467	1,386	1,391	1,422	1,521	1,586	1,597
1,173	1,188	980	787	730	722	769	795	824
12,387	12,346	11,997	11,347	11,401	11,803	12,687	13,250	13,516

ADDED IN OTHER SERVICES BY INDUSTRY GROUP: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
307.0	331.3	380.6	514.6	591.7	677.7	816.5	914.9	1,085.6
298.4	331.2	449.5	552.5	592.2	631.1	686.5	769.0	872.6
254.2	281.9	364.2	451.8	495.2	522.2	589.2	722.7	877.2
384.6	432.6	560.8	648.5	695.5	737.4	781.4	818.9	918.0
241.7	272.0	391.7	529.1	573.8	608.7	689.3	782.6	940.6
340.8	365.5	481.4	598.5	634.0	667.2	738.4	790.5	879.8
325.5	357.2	470.3	570.2	614.7	658.5	730.7	809.8	938.8
288.8	324.9	453.7	541.1	577.9	637.1	684.7	801.3	871.0
284.1	309.6	428.3	547.9	562.6	577.6	594.0	616.9	650.4
302.1	331.2	417.4	535.0	592.0	653.6	750.5	840.3	975.3

Table 3.34 – GROSS VALUE ADDED IN OTHER SERVICES

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Government	6,913	7,418	8,619	9,795	11,493	13,930
2. Private	8,137	9,346	10,465	12,771	15,572	18,345
Educational	841	966	1,112	1,324	1,574	1,835
Medical and health	1,420	1,614	1,905	2,326	2,884	3,419
Business	1,094	1,172	1,401	1,706	2,062	2,405
Recreational	656	831	933	1,087	1,346	1,568
Personal	1,011	1,181	1,302	1,580	1,866	2,201
Hotels and restaurants	1,676	1,944	2,205	2,647	3,272	3,885
Others	1,439	1,638	1,607	2,101	2,568	3,032
GROSS VALUE ADDED IN OTHER SERVICES	15,050	16,764	19,084	22,566	27,065	32,275

Table 3.35 – GROSS VALUE ADDED IN OTHER SERVICES

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Government	4,046	4,074	4,251	4,457	4,700	5,081
2. Private	5,343	5,643	5,929	6,226	6,562	6,820
Educational	653	692	715	747	786	821
Medical and health	798	824	873	923	972	1,012
Business	806	841	887	946	1,017	1,068
Recreational	402	434	445	459	477	494
Personal	644	667	699	730	756	779
Hotels and restaurants	1,100	1,196	1,290	1,360	1,440	1,500
Others	940	989	1,020	1,061	1,114	1,146
GROSS VALUE ADDED IN OTHER SERVICES	9,389	9,717	10,180	10,683	11,262	11,901

Table 3.36 – IMPLICIT PRICE INDEX OF GROSS VALUE

(Base year:

Industry group	1976	1977	1978	1979	1980	1981
1. Government	170.9	182.1	202.8	219.8	244.5	274.2
2. Private	152.3	165.6	176.5	205.1	237.3	269.0
Educational	128.8	139.6	155.5	177.2	200.3	223.5
Medical and health	177.9	195.9	218.2	252.0	296.7	337.8
Business	135.7	139.4	157.9	180.3	202.8	225.2
Recreational	163.2	191.5	209.7	236.8	282.2	317.4
Personal	157.0	177.1	186.3	216.4	246.8	282.5
Hotels and restaurants	152.4	162.5	170.9	194.6	227.2	259.0
Others	153.1	165.6	157.5	198.0	230.5	264.6
GROSS VALUE ADDED IN OTHER SERVICES	160.3	172.5	187.5	211.2	240.3	271.2

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

HOUSING BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
8,460	10,027	6,207	2,224	7,585	13,782	17,193	23,123	28,968
2,139	2,352	2,264	2,227	1,241	1,141	1,290	1,519	1,787
3,926	4,141	5,369	6,502	6,783	7,589	8,434	9,783	11,341
3,589	4,231	3,773	3,331	3,897	4,480	5,046	6,103	7,156
8,027	9,251	13,590	18,003	18,662	21,475	23,725	26,964	31,211
26,141	30,002	31,203	32,287	38,168	48,467	55,688	67,492	80,463

HOUSING BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
2,309	2,510	1,006	305	992	1,696	1,961	2,385	2,647
596	598	367	293	162	144	152	162	169
1,094	1,058	870	855	886	958	998	1,048	1,077
962	1,035	628	442	482	521	551	603	628
2,291	2,377	2,263	2,391	2,309	2,513	2,588	2,645	2,684
7,252	7,578	5,134	4,286	4,831	5,832	6,250	6,843	7,205

IN FINANCE AND HOUSING BY INDUSTRY GROUP: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
366.4	399.5	617.0	729.2	764.6	812.6	876.7	969.5	1,094.4
358.9	393.3	616.9	760.1	766.0	792.4	848.7	937.7	1,057.4
358.9	391.4	617.1	760.5	765.6	792.2	845.1	933.5	1,053.0
373.1	408.8	600.8	753.6	808.5	859.9	915.8	1,012.1	1,139.5
350.4	389.2	600.5	752.9	808.2	854.6	916.7	1,019.4	1,162.9
360.5	395.9	607.8	753.3	790.1	831.1	891.0	986.3	1,116.8

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

Industry group	1976	1977	1978	1979	1980	1981
1. Banks	2,816	3,344	4,147	5,534	6,630	7,300
2. Non-banks	1,323	1,518	1,798	2,138	2,955	2,163
3. Insurance	1,446	1,552	1,626	1,934	2,864	3,396
4. Real estate	1,432	1,477	1,688	1,805	2,396	2,956
5. Ownership of dwellings	3,337	3,798	4,358	5,195	5,763	6,797
GROSS VALUE ADDED IN FINANCE AND HOUSING	10,354	11,689	13,617	16,606	20,608	22,612

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

Industry group	1976	1977	1978	1979	1980	1981
1. Banks	1,560	1,729	1,893	2,248	2,298	2,240
2. Non-banks	722	777	844	867	1,025	655
3. Insurance	768	788	751	772	983	1,024
4. Real estate	796	730	741	697	792	880
5. Ownership of dwellings	1,841	1,860	1,935	1,976	2,023	2,165
GROSS VALUE ADDED IN FINANCE AND HOUSING	5,687	5,884	6,164	6,560	7,121	6,964

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

Industry group	1976	1977	1978	1979	1980	1981
1. Banks	180.5	193.4	219.1	246.2	288.5	325.9
2. Non-banks	183.2	195.4	213.0	246.6	288.3	330.2
3. Insurance	188.3	197.0	216.5	250.5	291.4	331.6
4. Real estate	179.9	202.3	227.8	259.0	302.5	335.9
5. Ownership of dwellings	181.3	204.2	225.2	262.9	284.9	313.9
GROSS VALUE ADDED IN FINANCE AND HOUSING	182.1	198.7	220.9	253.1	289.4	324.7

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

AND STORAGE BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
18,735	20,818	28,245	32,204	32,508	34,658	37,057	39,124	49,296
10,650	12,120	17,619	20,262	20,399	21,836	22,860	23,388	31,394
2,459	2,606	3,139	3,484	3,377	3,475	3,647	4,331	4,782
1,940	2,105	2,899	3,077	3,103	3,423	4,179	4,692	5,236
3,686	3,987	4,588	5,381	5,629	5,924	6,371	6,713	7,884
2,641	3,560	5,575	6,059	6,748	7,369	7,916	8,856	10,461
21,376	24,378	33,820	38,263	39,256	42,027	44,973	47,980	59,757

AND STORAGE BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
4,123	4,153	3,860	3,813	3,873	4,073	4,259	4,420	4,521
2,091	2,149	2,193	2,200	2,235	2,376	2,473	2,529	2,571
818	792	644	613	607	635	664	697	711
351	354	376	367	369	373	394	433	459
863	858	647	633	662	689	728	761	780
1,042	1,113	1,172	1,140	1,232	1,178	1;228	1,341	1,456
5,165	5,266	5,032	4,953	5,105	5,251	5,487	5,761	5,977

GROSS VALUE ADDED IN TRANSPORT,
INDUSTRY GROUP: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
454.4	501.3	731.7	844.6	839.3	850.9	870.1	885.2	1,090.4
509.3	564.0	803.4	921.0	912.7	919.0	924.4	924.8	1,221.1
300.6	329.0	487.4	568.4	556.3	547.2	549.2	621.4	672.6
552.7	594.6	771.0	838.4	840.9	917.7	1,060.7	1,083.6	1,140.7
427.1	464.7	709.1	850.1	850.3	859.8	875.1	882.1	1,010.8
253.5	319.9	475.7	531.5	547.7	625.6	644.6	660.4	718.5
413.9	462.9	672.1	772.5	769.0	800.4	819.6	832.8	999.8

Table 3.28 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Transport and Storage	6,410	7,391	8,732	11,042	14,528	17,311
a. Land	3,222	3,921	4,661	5,881	7,992	9,792
b. Water	1,168	1,225	1,394	1,744	2,148	2,382
c. Air	849	820	969	1,164	1,529	1,785
d. Storage and services incidental to transport	1,171	1,425	1,708	2,253	2,859	3,352
2. Communication	938	1,024	1,162	1,335	1,916	2,307
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	7,348	8,415	9,894	12,377	16,444	19,618

Table 3.29 – GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Transport and Storage	3,356	3,545	3,754	3,807	3,937	4,066
a. Land	1,661	1,761	1,879	1,915	1,957	2,051
b. Water	777	793	817	845	853	841
c. Air	345	325	358	317	332	342
d. Storage and services incidental to transport	573	666	700	730	795	832
2. Communication	646	690	747	806	890	974
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	4,002	4,235	4,501	4,613	4,827	5,040

Table 3.30 – IMPLICIT PRICE INDEX OF COMMUNICATION AND STORAGE BY

(Base year:

Industry group	1976	1977	1978	1979	1980	1981
1. Transport and Storage	191.0	208.5	232.6	290.0	369.0	425.8
a. Land	194.0	222.7	248.1	307.1	408.4	477.4
b. Water	150.3	154.5	170.6	206.4	251.8	283.2
c. Air	246.1	252.3	270.7	367.2	460.5	521.9
d. Storage and services incidental to transport	204.4	214.0	244.0	308.6	359.6	402.9
2. Communication	145.2	148.4	155.6	165.6	215.3	236.9
GROSS VALUE ADDED IN TRANSPORT, COMMUNICATION AND STORAGE	183.6	198.7	219.8	268.3	340.7	389.2

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

AND WATER BY INDUSTRY GROUP: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
3,459	4,561	7,090	9,799	13,066	15,552	18,096	19,465	23,449
583	696	890	1,187	1,612	1,781	1,991	2,409	2,743
4,042	5,257	7,980	10,986	14,678	17,333	20,087	21,874	26,192

AND WATER BY INDUSTRY GROUP: 1976 to 1989
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
941	1,030	1,159	1,229	1,501	1,675	1,758	1,879	1,932
143	163	183	204	222	233	237	258	274
1,084	1,193	1,342	1,433	1,723	1,908	1,995	2,137	2,206

OF GROSS VALUE ADDED IN ELECTRICITY,
INDUSTRY GROUP: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
367.6	442.8	611.7	797.3	870.5	928.5	1,029.4	1,035.9	1,213.7
407.7	427.0	486.3	581.9	726.1	764.4	840.1	933.7	1,001.1
372.9	440.7	594.6	766.6	851.9	908.4	1,006.9	1,023.6	1,187.3

Table 3.25 – GROSS VALUE ADDED IN ELECTRICITY, GAS

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Electricity and gas	1,091	1,264	1,442	1,877	2,426	2,868
2. Water	140	162	227	248	335	461
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	1,231	1,426	1,669	2,125	2,761	3,329

Table 3.26 – GROSS VALUE ADDED IN ELECTRICITY, GAS

(In million pesos

Industry group	1976	1977	1978	1979	1980	1981
1. Electricity and gas	612	637	664	751	813	872
2. Water	66	74	86	92	108	127
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	678	711	750	843	921	999

Table 3.27 – IMPLICIT PRICE INDEX OF GAS AND WATER BY

(Base year:

Industry group	1976	1977	1978	1979	1980	1981
1. Electricity and gas	178.3	198.4	217.2	249.9	298.4	328.9
2. Water	212.1	218.9	264.0	269.6	310.2	363.0
GROSS VALUE ADDED IN ELECTRICITY, GAS AND WATER	181.6	200.6	222.5	252.1	299.8	333.2

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

VALUE ADDED BY TYPE OF CONSTRUCTION: 1976 to 1990
at current prices)

1982	1983	1984	1985	1986	1987	1988	1989	1990
51,382	54,361	63,907	56,228	46,199	56,930	67,839	86,278	105,086
21,993	19,751	20,107	18,696	18,148	20,516	22,739	27,969	31,926
29,389	34,610	43,800	37,532	28,051	36,414	45,100	58,309	73,160
29,302	30,730	31,209	27,506	22,685	28,113	33,645	42,677	49,733
12,542	11,260	9,840	9,922	9,500	10,358	11,427	14,122	15,866
16,760	19,470	21,369	17,584	13,185	17,755	22,218	28,555	33,867

VALUE ADDED BY TYPE OF CONSTRUCTION: 1976 to 1990
*constant prices of 1972)**

1982	1983	1984	1985	1986	1987	1988	1989	1990
12,521	11,948	9,446	7,114	5,505	6,348	6,836	7,752	8,169
5,359	4,375	2,985	2,342	2,161	2,290	2,299	2,529	2,501
7,162	7,573	6,461	4,772	3,344	4,058	4,537	5,223	5,668
8,079	7,689	5,866	4,258	3,382	3,967	4,344	4,947	5,153
3,457	2,834	1,857	1,525	1,411	1,462	1,478	1,651	1,659
4,622	4,855	4,009	2,733	1,971	2,505	2,866	3,296	3,494

OF GROSS VALUE OF CONSTRUCTION AND
OF CONSTRUCTION: 1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
410.4	455.0	676.6	790.4	839.2	896.8	992.4	1,113.0	1,286.4
410.4	451.5	673.6	798.3	839.8	895.9	989.1	1,105.9	1,276.5
410.3	457.0	677.9	786.5	838.8	897.3	994.0	1,116.4	1,290.8
362.7	399.7	532.0	646.0	670.8	708.7	774.5	862.7	965.1
362.8	397.3	529.9	650.6	673.3	708.5	773.1	855.4	956.4
362.6	401.0	533.0	643.4	668.9	708.8	775.2	866.4	969.3

Table 3.22 – GROSS VALUE OF CONSTRUCTION AND GROSS

(In million pesos

Type of construction	1976	1977	1978	1979	1980	1981
GROSS VALUE	17,812	20,400	22,735	30,571	37,368	46,007
1. Government	8,306	9,489	10,632	14,475	16,326	20,017
2. Private	9,506	10,911	12,103	16,096	21,042	25,990
GROSS VALUE ADDED	9,805	11,794	12,591	16,855	21,311	26,268
1. Government	4,572	5,486	5,888	7,973	9,311	11,446
2. Private	5,233	6,308	6,703	8,882	12,000	14,822

Table 3.23 – GROSS VALUE OF CONSTRUCTION AND GROSS

(In million pesos

Type of construction	1976	1977	1978	1979	1980	1981
GROSS VALUE	8,667	9,205	9,435	10,546	11,123	12,045
1. Government	4,042	4,281	4,406	5,012	4,860	5,243
2. Private	4,625	4,924	5,029	5,534	6,263	6,802
GROSS VALUE ADDED	5,275	5,782	5,944	6,759	7,139	7,830
1. Government	2,488	2,687	2,783	3,209	3,119	3,407
2. Private	2,787	3,095	3,161	3,550	4,020	4,423

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

(Base year:

Type of construction	1976	1977	1978	1979	1980	1981
GROSS VALUE	205.5	221.6	241.0	289.9	336.0	382.0
1. Government	205.5	221.7	241.3	288.8	335.9	381.8
2. Private	205.5	221.6	240.7	290.9	336.0	382.1
GROSS VALUE ADDED	185.9	204.0	211.8	249.4	298.5	335.5
1. Government	183.8	204.2	211.6	248.5	298.5	336.0
2. Private	187.8	203.8	212.1	250.2	298.5	335.1

Advanced estimates as of December 1990.
* Revision of the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

GROSS VALUE ADDED IN MANUFACTURING
1976 to 1990
*1972 = 100) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
298.8	339.5	532.4	648.4	656.1	698.3	766.0	860.9	981.8
412.7	454.9	564.5	660.1	691.7	752.6	859.0	896.6	998.9
266.9	293.4	493.7	607.2	696.1	771.9	827.1	888.2	929.0
499.6	551.8	799.4	1,028.7	1,108.6	1,199.1	1,313.5	1,398.0	1,600.6
407.1	469.3	667.6	835.9	890.9	925.1	1,044.4	1,133.1	1,237.7
432.1	479.2	667.2	760.4	806.7	853.1	960.0	1,000.6	1,071.3
288.6	306.3	421.8	556.0	584.2	594.9	654.2	767.7	854.6
535.5	568.9	1,024.7	1,179.7	1,221.5	1,257.2	1,285.8	1,345.9	1,436.3
230.4	254.3	406.8	485.1	520.9	543.5	664.9	701.4	751.4
283.1	315.2	533.3	515.9	520.6	573.5	577.2	567.7	592.6
317.6	356.0	528.7	621.0	655.2	708.5	746.2	775.8	796.5
268.6	312.2	575.1	611.7	683.5	724.6	816.0	846.5	900.3
884.8	962.3	1,523.7	1,587.5	1,371.7	1,350.0	1,361.4	1,334.0	1,816.7
402.3	426.9	614.6	711.5	744.0	794.2	868.4	1,154.1	1,484.1
305.4	330.1	452.1	603.6	621.5	667.4	764.5	896.5	1,054.3
217.0	241.9	374.1	487.7	507.3	517.7	571.3	655.8	738.0
231.8	256.3	433.5	570.4	565.8	581.7	625.5	674.1	771.7
229.4	260.4	326.1	381.1	395.6	409.1	454.9	502.5	537.2
208.5	224.7	372.6	475.7	500.7	611.7	706.7	754.7	837.1
395.0	437.4	758.4	1,011.6	1,115.4	1,131.9	1,166.4	1,210.4	1,350.2
338.8	379.1	588.6	698.8	714.5	752.0	820.5	897.3	1,023.3

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

Industry group	1976	1977	1978	1979	1980	1981
Food manufactures	153.8	164.2	178.5	200.9	230.4	269.2
Beverage industries	246.9	256.9	265.0	280.9	326.2	386.0
Tobacco manufactures	165.0	184.1	197.2	207.6	232.8	255.1
Textile manufactures	288.7	297.0	313.2	377.8	424.5	471.3
Footwear, wearing apparel	204.9	231.0	244.5	285.5	344.0	384.1
Wood and cork products	205.6	194.4	301.6	304.4	353.7	407.6
Furniture and fixtures	198.1	247.4	257.3	222.6	247.7	269.8
Paper and paper products	187.3	197.7	346.0	377.7	481.2	514.4
Publishing and printing	133.8	145.3	159.1	179.7	195.1	217.2
Leather and leather products	154.7	170.2	188.5	209.0	252.9	272.9
Rubber products	208.0	226.7	287.5	227.0	258.9	289.4
Chemicals and chemical products	172.9	186.2	200.6	221.5	250.3	258.2
Products of petroleum and coal	291.8	299.8	301.1	432.8	694.5	827.6
Non-metallic mineral products	170.7	195.6	234.6	266.7	319.2	366.3
Basic metal industries	178.7	190.3	211.2	240.3	262.3	280.3
Metal products	135.1	139.4	147.4	162.1	184.3	199.1
Machinery except electrical	136.6	146.3	155.6	169.3	189.7	210.7
Electrical machinery	131.7	138.4	142.6	152.1	174.0	203.0
Transport equipment	129.1	133.0	145.1	153.8	172.9	193.1
Miscellaneous manufactures	201.4	223.5	247.5	280.0	322.3	357.4
GROSS VALUE ADDED IN MANUFACTURING	180.0	190.1	207.0	234.5	278.6	313.7

Advanced estimates as of December 1990.
* Revision on the series is going on.
Source: Economic and Social Statistics Office, National Statistical Coordination Board.

BY INDUSTRY GROUP: 1976 to 1990
*at constant prices of 1972) **

1982	1983	1984	1985	1986	1987	1988	1989	1990
9,099	9,246	9,344	8,646	8,738	9,368	9,995	10,427	10,349
747	763	805	796	733	808	844	937	983
1,114	1,117	890	970	713	631	717	703	701
1,053	1,050	949	734	891	990	1,001	1,005	898
1,224	1,247	1,299	1,213	1,378	1,412	1,557	1,837	1,974
704	716	588	536	388	416	458	487	498
140	142	142	109	120	138	155	164	185
172	196	182	158	172	187	232	292	281
359	368	370	389	430	460	496	552	593
71	66	63	69	63	68	79	96	94
324	316	334	281	290	305	346	359	367
2,273	2,315	1,797	1,704	1,584	1,628	1,797	1,804	1,866
1,313	1,351	1,259	1,153	1,156	1,230	1,369	1,409	1,546
569	587	481	375	377	399	488	586	597
856	947	1,121	1,070	1,018	1,140	1,312	1,481	1,378
1,052	1,091	740	746	725	793	885	998	1,022
787	797	442	409	445	480	537	626	636
1,475	1,717	1,964	1,600	1,913	2,000	2,355	2,364	2,512
883	742	124	136	135	162	179	267	275
320	334	425	447	448	461	479	492	504
24,535	25,108	23,319	21,541	21,717	23,076	25,281	26,886	27,259

TECHNICAL 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) 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 – 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 Claims						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 3.51 – 1989 SUMMARY
(In million

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

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

MATRIX BY SECTOR
pesos)

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

Table 3.52 – 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				

Source: Central Bank of the Philippines.

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 3.52 – 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 3.52 – 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, 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 3.52 – 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

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	

Table 3.53 – FLOW OF FUNDS CAPITAL

(In million

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

Source: Central Bank of the Philippines.

ACCOUNTS MATRIX, 1989
pesos)

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

Table 3.53 – FLOW OF FUNDS CAPITAL

(In million

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

ACCOUNTS MATRIX, 1989 (continued)
pesos)

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

Table 3.53 – FLOW OF FUNDS CAPITAL

(In million

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

ACCOUNTS MATRIX, 1989 (continued)
pesos)

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

Table 3.53 – FLOW OF FUNDS CAPITAL
(In million

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

ACCOUNTS MATRIX, 1989 (continued)
pesos)

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

4 NATURAL RESOURCES

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

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

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

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

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Figure 4.1

AREA REFORESTED AND DEFORESTED, 1980-1989

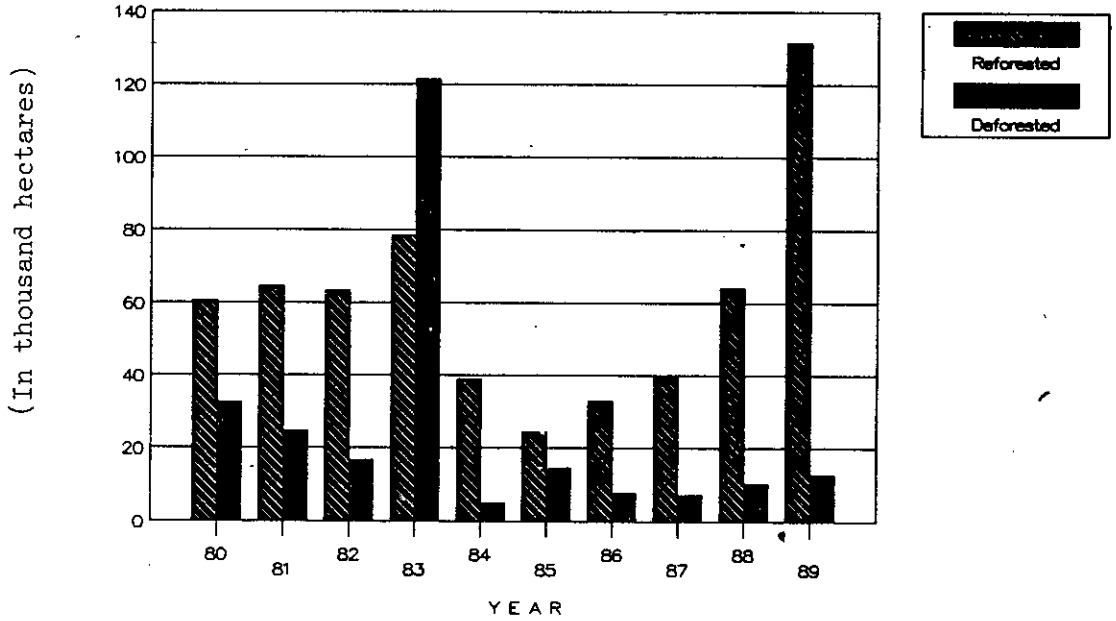

Figure 4.2

CLASSIFIED AND UNCLASSIFIED LAND AREA
1981-1990

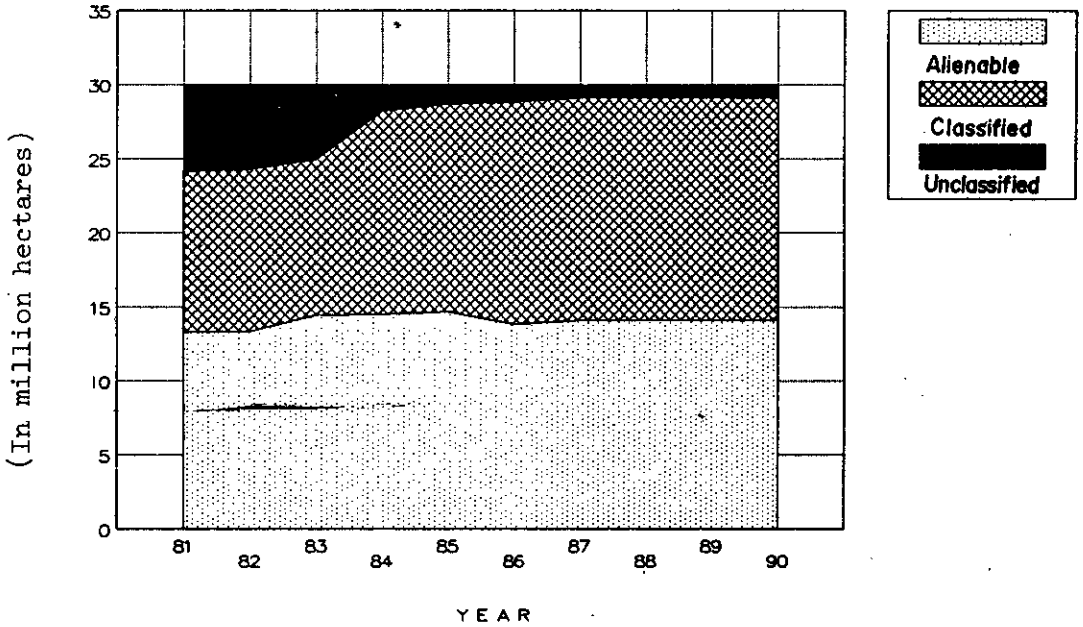

Table 4.1 – STATUS OF LAND CLASSIFICATION

(In hectares)

Region/Province	Total Land Area	Alienable and Disposable Land	Total Forest Land	Unclassified Public Forest	Total Classified Public Forest
PHILIPPINES	30,000,000	13,728,841	14,378,191	845,282	13,532,909
NCR	63,600	48,232	15,368	14,740	628
CAR	1,829,368	340,656	1,488,712	21,135	1,467,577
Abra	397,555	98,420	299,135	8,105	291,030
Benguet	265,538	87,897	177,641	13,030	164,611
Mt. Province	209,733	48,251	161,482	–	161,482
Ifugao	251,778	25,409	226,369	–	226,369
Kalinga Apayao	704,764	80,679	624,085	–	624,085
1 ILOCOS	1,284,019	810,062	473,957	33,155	440,802
Ilocos Norte	339,934	144,948	194,986	–	194,986
Ilocos Sur	257,958	138,412	119,546	26,176	93,370
La Union	149,309	120,307	29,002	4,132	24,870
Pangasinan	536,818	406,395	130,423	2,847	127,576
2 CAGAYAN VALLEY	2,683,758	960,132	1,723,626	146,305	1,577,321
Batanes	20,928	7,432	13,496	–	13,496
Cagayan	900,267	353,261	547,006	6,250	540,756
Isabela	1,066,456	459,666	606,790	0	606,790
Nueva Vizcaya	390,387	88,921	301,466	45,105	256,361
Quirino	305,720	50,852	254,868	94,950	159,918
3 CENTRAL LUZON	1,823,082	1,051,908	771,174	26,874	744,300
Bataan	137,296	69,325	67,971	–	67,971
Bulacan	262,500	185,333	77,167	414	76,753
Nueva Ecija	528,433	330,985	197,448	13,726	183,722
Pampanga	218,068	164,912	53,156	12,734	40,422
Tarlac	305,345	184,975	120,370	–	120,370
Zambales	371,440	116,378	255,062	–	255,062

BY REGION AND BY PROVINCE: 1990

Forest Reserves	Timberland	National Parks	Military Reservation	Civil Reservation	Fishpond Dev't.
2,468,117	9,805,475	1,334,031	129,776	165,946	75,216
–	237	59	–	–	332
804,795	655,321	6,907	554	–	–
258,743	32,230	57	–	–	–
19,735	138,810	5,512	554	–	–
122,853	38,629	–	–	–	–
28,467	197,902	–	–	–	–
374,997	247,750	1,338	–	–	–
226,846	199,140	12,999	288	923	606
193,272	1,374	340	–	–	–
10,609	81,141	1,620	–	–	–
90	13,833	10,947	–	–	–
22,875	102,792	92	288	923	606
209,288	1,776,865	26,388	412	8,931	1,089
–	13,496	–	–	–	–
39,378	494,094	6,195	–	–	1,089
31,260	546,005	20,193	412	8,920	–
95,838	160,512	–	–	11	–
42,812	117,106	–	–		–
166,104	422,729	32,780	117,019	804	4,864
9,284	33,020	25,188	479	–	–
8,019	64,890	368	–	–	3,476
84,500	31,679	3,504	63,900	139	–
12,484	16,777	3,709	7,452	–	–
–	83,115	2	36,588	665	–
51,817	193,248	9	8,600	–	1,388

Table 4.1 – STATUS OF LAND CLASSIFICATION
(In hectares)

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

BY REGION AND BY PROVINCE: 1990 (continued)

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

Table 4.1 – STATUS OF LAND CLASSIFICATION

(In hectares)

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

Source: National Mapping and Resource Information Authority, DENR.

BY REGION AND BY PROVINCE: 1990 (continued)

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

Table 4.2 – CLASSIFIED AND UNCLASSIFIED LAND AREA: 1955 TO 1990
(In hectares)

Year	Alienable and Disposable		Classified Forest Land		Unclassified Forest Land	
	Area	Percent	Area	Percent	Area	Percent
FY 1955	10,470,634	34.90	4,079,231	13.59	15,450,135	51.51
1960	11,883,353	39.61	6,300,979	21.00	11,815,168	39.39
1965	12,365,431	41.21	7,727,082	25.75	9,906,482	33.04
1970	12,572,433	41.90	8,542,527	28.47	8,885,040	29.63
1971	12,651,472	42.17	8,794,789	29.35	8,553,739	28.52
1972	12,747,516	42.49	8,851,076	29.50	8,401,218	28.00
1973	12,807,993	42.69	8,936,532	29.79	8,256,638	27.52
1974	12,917,083	43.06	9,050,804	30.17	8,018,775	26.77
1975	12,971,282	43.23	9,114,118	30.38	7,893,371	26.38
CY 1976	12,975,861	43.25	9,129,961	30.43	7,894,178	26.31
1977	12,991,758	43.30	9,134,168	30.45	7,874,074	26.25
1978	13,069,840	43.57	9,147,714	30.49	7,782,446	25.94
1979	13,093,263	43.64	9,328,559	31.10	7,578,178	25.26
1980	13,269,340	44.23	9,705,170	32.35	7,025,490	23.42
1981	13,327,630	44.43	10,825,731	36.08	5,846,639	19.49
1982	13,359,243	44.53	10,914,433	36.38	5,726,324	19.09
1983	14,467,592	48.23	10,472,269	34.91	5,060,139	16.87
1984	14,515,393	48.38	13,657,272	45.52	1,827,335	6.09
1985	14,659,760	48.87	14,020,446	46.73	1,319,794	4.40
1986	13,852,398	46.17	14,961,027	49.87	1,186,575	3.96
1987	14,108,087	47.03	15,010,616	50.04	881,297	2.94
1988	14,117,753	47.06	15,001,090	50.00	881,157	2.94
1989	14,117,729	47.06	15,001,114	50.00	881,157	2.94
1990	14,117,729	47.06	15,001,114	50.00	881,157	2.94

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

Source: National Mapping and Resource Information Authority, DENR.

Table 4.3 – AREA REFORESTED ANNUALLY: 1976 TO 1989
(In hectares)

Year	Total	Newly Planted Area					
		Government Sector			Private Sector		
		Sub-Total	FMB	Other Agencies	Sub-Total	Timber & Licenses	Others
1976	31,733	23,228	20,977	2,251	8,505	8,275	230
1977	53,263	33,365	23,677	9,688	19,898	17,276	2,622
1978	78,425	44,686	34,343	10,343	33,739	22,006	11,723
1979	79,397	51,858	35,305	16,553	27,539	20,132	7,407
1980	60,516	39,881	32,956	6,925	20,635	15,579	5,056
1981	64,541	33,296	30,707	2,589	31,245	20,096	11,149
1982	63,262	35,201	31,202	3,999	28,061	21,588	6,473
1983	78,538	42,239	27,155	15,084	36,299	31,703	4,596
1984	38,935	16,088	15,520	568	22,847	14,186	8,661
1985	24,231	12,684	12,201	483	11,547	8,148	3,399
1986	32,998	24,426	22,495	1,931	8,572	6,572	2,000
1987	39,811	28,843	27,558	1,285	10,968	7,956	3,012
1988	64,183	31,226	30,890	336	32,957	23,126	9,831
1989	131,404	89,452	82,966	6,486	41,952	32,087	9,865

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

Table 4.4 – FOREST DESTRUCTION BY CAUSE: 1976 TO 1989
(In hectares)

Year	Total	Kaingin	Forest Fire	Logging	Pests & Diseases	Others
1976	8,400 a/	...	...	...	...	...
1977	8,400 a/	...	...	...	...	...
1978	65,958 a/	...	...	...	...	...
1979	62,196 a/	...	...	...	...	...
1980	32,640	6,302	18,324	7,348	112	554
1981	24,605	5,826	12,471	6,108	200	–
1982	16,654	3,286	8,063	4,954	351	–
1983	121,326	2,241	117,951	1,015	119	–
1984	4,895	1,137	3,177	478	6	97
1985	14,632	941	11,743	1,918	30	–
1986	7,682	1,991	4,257	90	1,344	–
1987	7,146	570	5,386	676	2	512
1988	10,255	2,914	423	4,474	–	2,444
1989	12,814	4,683	675	1,727	218	5,511

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

Table 4.5 – QUANTITY OF PRODUCTION OF LOGS, LUMBER, PLYWOOD AND VENEER: 1976 TO 1990
(In thousand cubic meter)

	Logs	Lumber	Plywood	Veneer
1976	8,646	1,609	416	403
1977	7,873	1,567	489	496
1978	7,169	1,780	490	546
1979	6,596	1,626	503	634
1980	6,368	1,529	553	660
1981	5,420	1,219	457	364
1982	4,589	1,200	422	159
1983	4,468	1,222	459	146
1984	3,872	1,234	574	98
1985	3,568	1,062	350	77
1986	3,434	977	424	73
1987	4,147	1,233	517	75
1988	3,809	1,033	415	85
1989	3,169	975	344	61
1990 p	1,916	449	407	33

Source: Forest Management Bureau.

Figure 4.3
QUANTITY OF PRODUCTION OF LOGS,
LUMBER, PLYWOOD AND VENEER
1981-1990

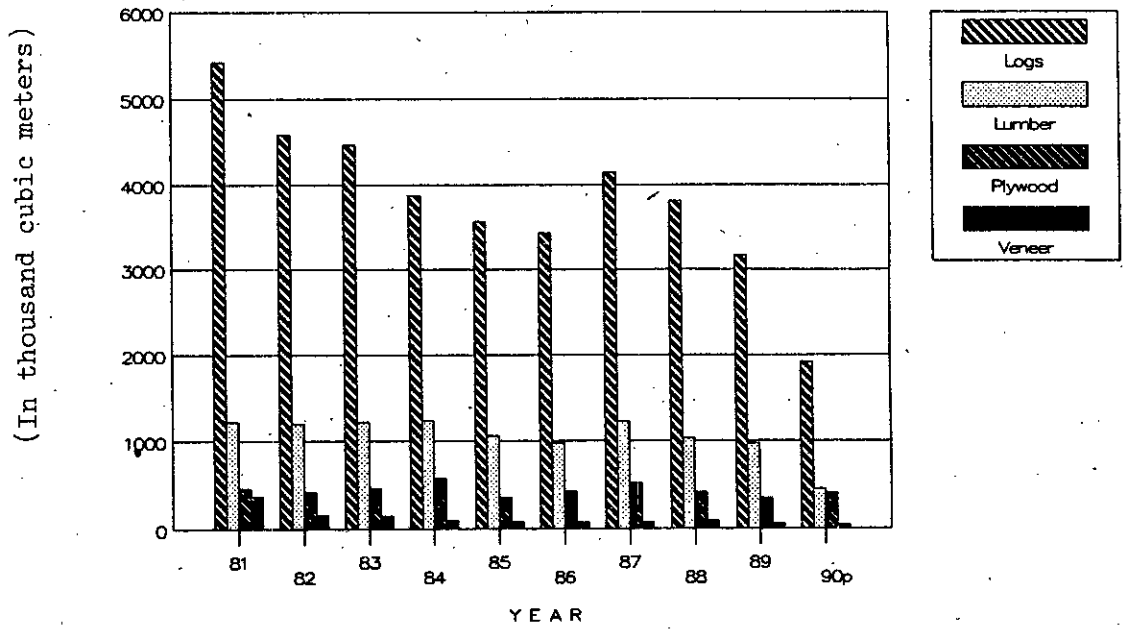

Table 4.6 – ROUNDWOOD PRODUCTION: 1976 TO 1990
(In thousand cubic meters)

Year	Grand Total	Log			Fuelwood / Firewood		
		Sawlog Veneer Log	Pulpwood	Poles & Piles	Mangrove	Upland	Charcoal
1976	8,729	8,646 a/	...	...	8	34 c/	41
1977	7,951	7,721 b/	152	...	23	52 c/	3
1978	7,243	6,774 b/	395	...	1	73 c/	3
1979	6,773	6,153 b/	443	...	16	156	5
1980	6,462	5,978 b/	390	...	14	78	2
1981	5,542	4,904	496	20	*	94	28
1982	4,674	3,973	541	75	14	69	2
1983	4,545	3,698	732	38	–	47	30
1984	4,280	2,876	987	9	–	355	53
1985	3,914	3,185	368	15	–	310	36
1986	3,588	3,078	318	38	–	125	29
1987	4,253	3,412	681	54	–	77	29
1988	3,893	3,185	615	9	–	81	3
1989	3,217	2,796	351	22	...	47	1
1990 p	1,916	1,916	...	...	...	...	...

a/ Including pulpwood and poles & piles.
b/ Including poles and piles
c/ Including mangrove
* – Less than one hundred cubic meters.
Source: Forest Management Bureau.

Table 4.7 – PRODUCTION OF OTHER PROCESSED WOOD PRODUCTS 1976 TO 1989
(In thousand metric tons)

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

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

Table 4.8 – NON-TIMBER FOREST PRODUCTS HARVESTED: 1976 TO 1989
(In thousands)

Year	Almaciga Resin	Hingiw	Nito	Split Rattan	Salago Bark	Tanbark
	(kilogram)					
1976	590	9	–	197	47	785
1977	648	–	*	66	–	131
1978	617	–	52	186	36	21
1979	317	–	–	1,055	191	41
1980	506	*	4	348	543	10
1981	476	2	25	1,177	673	859
1982	1,407	3	17	195	258	83
1983	462	10	8	73	83	52
1984	191	9	12	2,770	144	98
1985	380	10	23	72	47	53
1986	386	3	–	249	156	1,020
1987	485	8	–	98	2	33
1988	700	–	–	54	8	–
1989	472	35	*	30	2	–

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

* – Less than one thousand.

Source: Forest Management Bureau

Figure 4.4
SELECTED METALLIC MINERAL ORE
RESERVES, 1980-1989

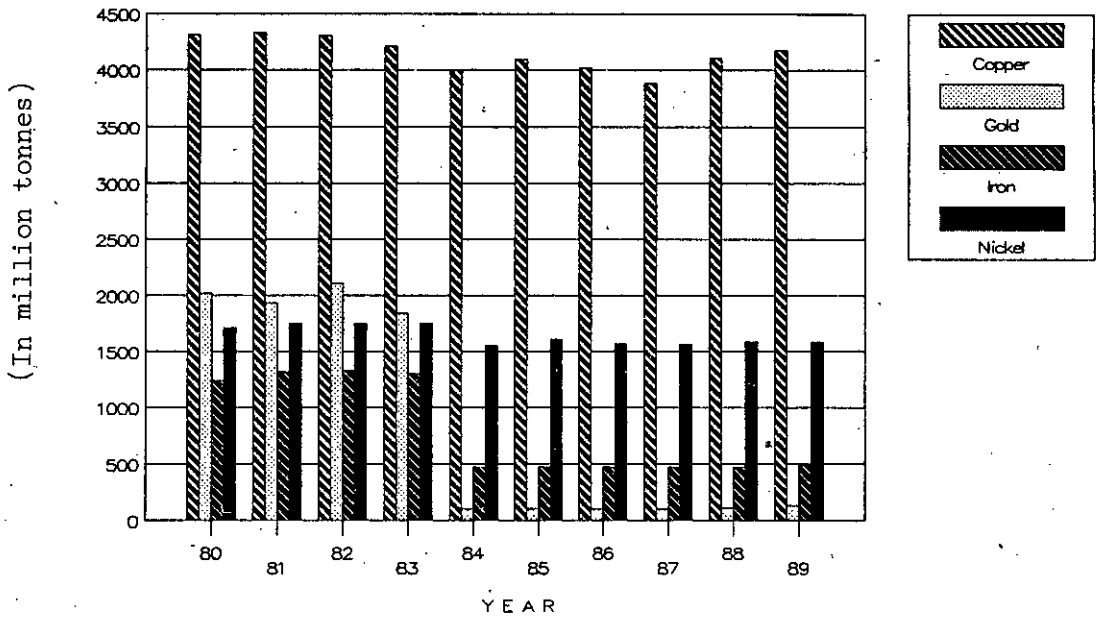

Figure 4.5
SELECTED NON-METALLIC MINERAL RESERVES,
1980-1989

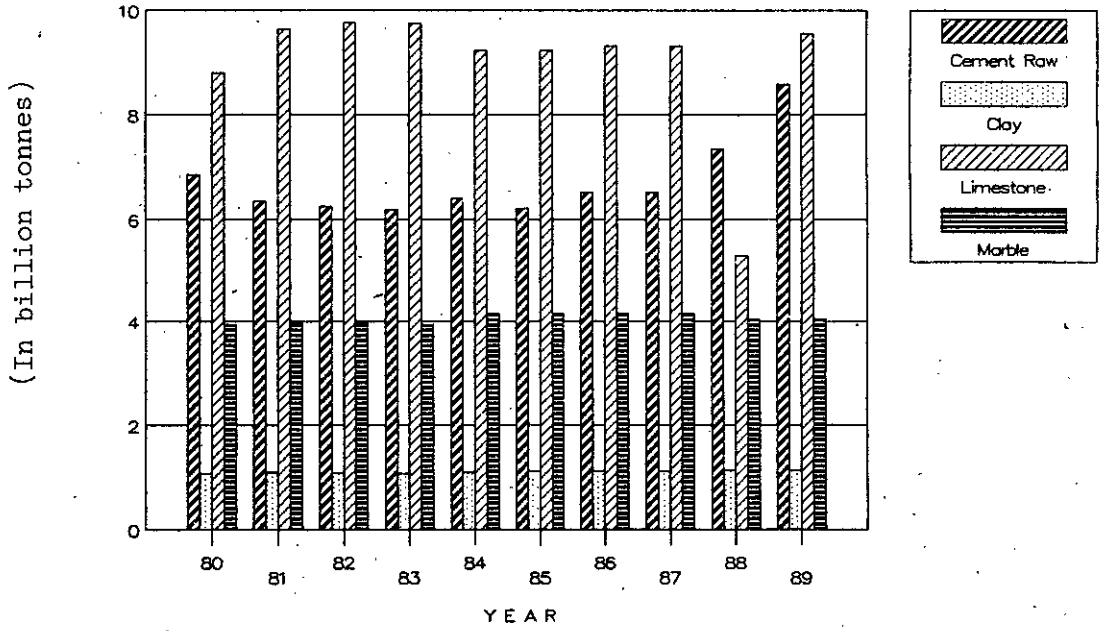

TABLE 4.9 – MINERAL ORE

(In thousand

Kind of Ore	Estimated reserves 1980	1981	1982	1983
Total	33,610,356	34,650,919	34,781,294	33,876,975
Metallic	9,601,685	10,248,615	10,314,690	9,910,498
Cadmium	47	47	47	47
Chromite	94,853	96,716	91,576	93,106
(Metallurgical)	86,627	87,599	83,470	84,632
(Refractory)	8,226	9,117	8,106	8,474
(Chemical)	...	...	...	...
Copper	4,313,253	4,333,813	4,310,620	4,212,316
Gold	2,014,467	1,933,140	2,108,260	1,840,610
Iron	1,237,905	1,319,391	1,331,093	1,303,447
(Aluminum laterite)	292,010	292,011	292,011	292,010
(Laterite)	727,393	783,878	798,679	769,849
(Lump ore)	98,278	123,278	120,179	121,364
(Magnetic sand)	120,224	120,224	120,224	120,224
Lead	9,360	9,237	9,318	9,472
Manganese	7,535	7,535	7,537	7,536
Mercury	15,897	15,897	15,897	15,897
Molybdenum	184,130	765,515	670,980	658,390
Nickel	1,708,854	1,751,007	1,752,120	1,753,132
Platinum	942	942	942	942
Uranium	90	90	90	90
Zinc	14,352	15,285	16,210	15,513

RESERVES: 1980 TO 1989
tonnes)

as of December 31					
1984	1985	1986	1987	1988	1989
30,669,245	31,104,817	31,211,443	31,272,626	27,970,164	34,508,227
6,219,016	6,366,518	6,253,960	6,113,822	6,360,950	6,480,712
...	...	...	...	...	...
32,941	32,072	30,115	29,824	27,511	31,725
16,922	16,465	16,446	15,140	15,076	16,860
12,701	12,365	10,443	11,884	9,635	11,154
3,318	3,242	3,226	2,800	2,800	3,710
3,997,674	4,092,439	4,017,190	3,881,255	4,105,743	4,180,219
100,637	101,048	101,920	101,557	106,516	129,796
474,362	474,362	474,362	474,362	474,362	490,762
292,010	292,010	292,010	292,010	292,010	292,010
...	...	...	...	...	...
80,732	80,732	80,732	80,732	80,732	80,732
101,620	101,620	101,620	101,620	101,620	118,020
6,313	6,313	6,313	6,313	6,313	6,313
1,397	1,396	1,179	1,396	1,955	1,955
16,243	16,243	16,243	16,243	16,243	16,243
30,608	30,608	30,608	30,608	30,608	30,608
1,552,678	1,605,874	1,569,867	1,566,101	1,585,536	1,586,928
...	...	...	...	...	...
...	...	...	...	...	...
6,163	6,163	6,163	6,163	6,163	6,163

TABLE 4.9 – MINERAL ORE

(In thousand

Kind of Ore	Estimated reserves 1980	1981	1982	1983
Non-Metallic	24,008,671	24,402,304	24,466,604	23,966,477
Asbestos	24,498	24,498	24,498	24,498
Barite	149	174	180	153
Cement raw materials	6,849,886	6,350,588	6,249,970	6,178,482
Clay	1,061,502	1,088,073	1,076,390	1,068,749
Construction materials	637,802	655,607	656,710	649,932
Diatomaceus earth	2,903	3,903	3,903	3,903
Dolomitic limestone	290,745	264,578	271,672	267,832
Feldspar	25,114	30,038	32,298	31,148
Gypsum	1,882	1,884	1,884	1,884
Limestone	8,793,041	9,633,627	9,770,269	9,748,973
Magnesite	26,536	26,535	26,536	26,536
Marble	3,942,751	3,955,039	3,970,772	3,942,974
Peat	2,016	2,016	2,016	2,016
Perlite	18,526	18,518	18,526	18,748
Pumice and pumicite	21,878	21,878	21,878	21,878
Pyrite	987,324	987,257	987,470	987,757
Quartz	512,476	511,267	510,390	511,734
Silica rock form	13,876	13,876	13,876	13,876
Silica sand	765,810	782,992	797,410	435,448
Sulphur	29,453	29,453	29,453	29,453
Talc	503	503	503	503
Silica pebbles/cobbles	...	...	...	...
Bauxite	...	...	...	...
Bentonite	...	...	...	...
Guano	...	...	...	...
Limestone for Agricultural line	...	...	...	...
Rock phosphate	...	...	...	...

Source: Mines and Geo-Sciences Bureau.

RESERVES: 1980 TO 1989 (continued)
tonnes)

as of December 31					
1984	1985	1986	1987	1988	1989
24,450,229	24,738,299	24,957,483	25,158,804	21,609,214	28,027,515
24,498	24,498	24,498	24,498	24,498	24,498
163	163	163	163	163	163
6,399,211	6,204,710	6,508,301	6,507,569	7,350,051	8,583,892
1,088,504	1,117,880	1,121,967	1,121,963	1,126,965	1,126,965
687,882	691,003	689,487	689,011	689,280	689,280
3,903	3,903	3,903	3,903	3,903	3,903
256,577	488,388	489,107	488,758	259,816	486,431
29,393	29,392	29,388	29,380	29,380	29,380
1,883	1,883	1,883	1,883	1,883	1,883
9,217,285	9,217,440	9,304,599	9,308,072	5,295,023	9,556,168
26,534	26,534	26,534	26,534	26,534	26,534
4,155,251	4,154,944	4,154,934	4,154,925	4,047,024	4,058,472
...	...	...	...	...	...
18,513	18,509	18,509	18,509	18,509	18,509
21,878	21,878	21,878	21,878	21,878	21,878
987,120	987,016	988,584	988,482	991,531	983,402
1,005,428	1,207,922	1,007,912	1,207,840	1,207,840	1,750,561
92,403	107,921	114,605	113,717	113,717	213,873
29,453	29,454	44,011	44,011	44,011	44,011
503	503	503	503	503	503
6,822	6,818	6,806	6,804	6,804	6,804
82,650	82,650	82,650	82,650	82,650	82,650
667	1,182	1,382	1,381	1,381	1,385
815	815	1,014	1,014	1,014	1,014
310,547	310,545	312,458	312,949	262,449	312,949
2,346	2,346	2,407	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; inventory value of poultry and livestock herd; weights of animals slaughtered; agricultural loans outstanding and granted by financial institutions; total area and number of individuals who have benefitted under major programs of land distribution and those who will still benefit under the Comprehensive Agrarian Reform Program; and number of registered cooperatives.

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

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

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

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

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

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

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Figure 5.1
PRODUCTION TREND FOR SELECTED
AGRICULTURAL CROPS, 1981-1990

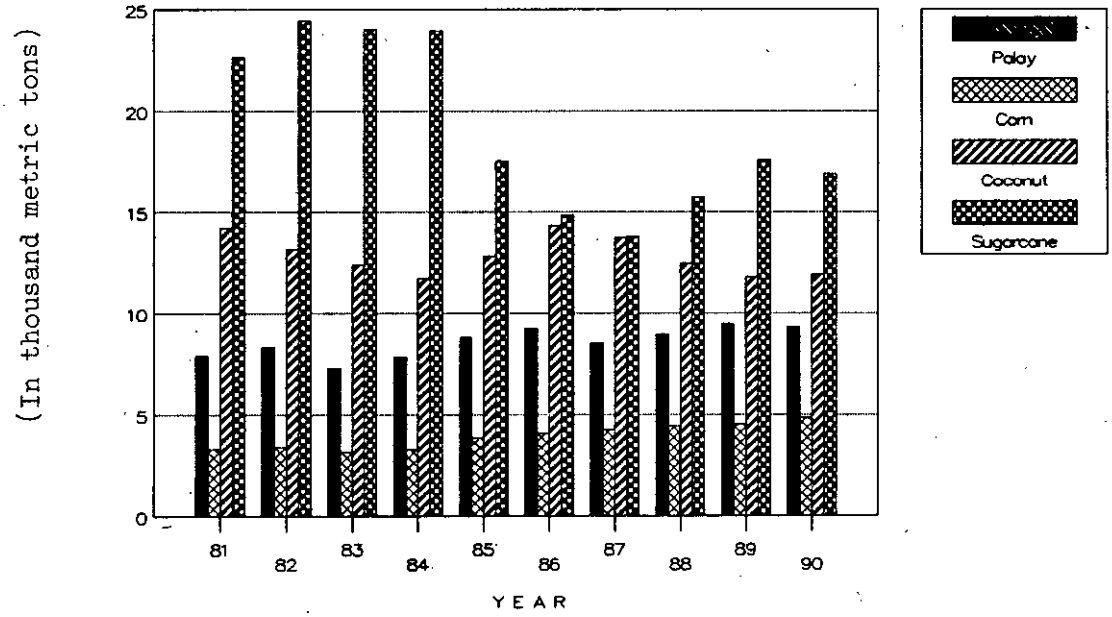

Figure 5.2
QUANTITY OF SELECTED PRINCIPAL
AGRICULTURAL EXPORTS, 1981-1990

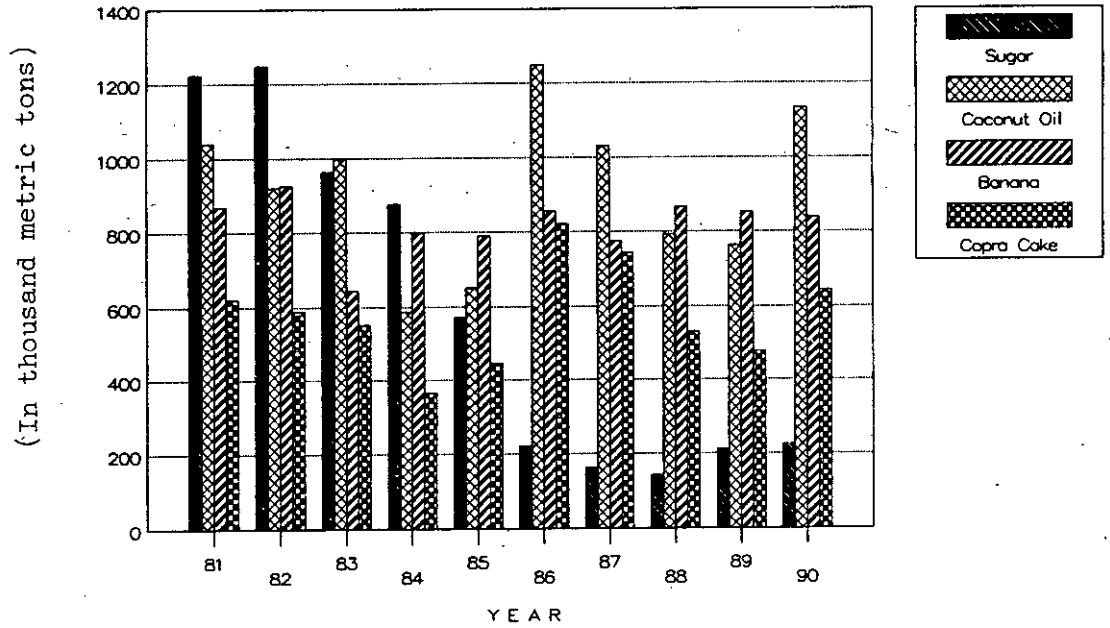

Table 5.1 – AGRICULTURAL PRODUCTION
(Harvest Area – '000 hectares

ITEM	1981			1982			1983		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
AGRICULTURAL CROPS	12,973.8	64,036.7	37,643.2	13,077.7	65,450.0	47,619.0	12,386.8	61,689.7	50,972.6
A. CEREALS	6,713.8	11,206.6	14,426.2	6,734.0	11,737.8	15,915.9	6,186.3	10,429.0	15,620.4
Palay	3,419.0	7,910.7	10,440.4	3,351.1	8,333.7	11,572.6	3,054.3	7,294.9	11,281.1
Corn	3,294.8	3,295.9	3,985.8	3,382.9	3,404.1	4,343.3	3,132.0	3,134.1	4,339.3
B. MAJOR CROPS	4,967.9	44,904.1	16,867.0	4,988.0	45,666.6	21,974.9	4,907.0	43,492.9	25,962.9
Coconut	3,223.6	14,190.1	7,237.0	3,203.7	13,145.7	6,178.5	3,201.3	12,368.3	8,163.1
Sugarcane	399.9	22,651.2	0.0	416.5	24,434.4	4,642.5	411.4	24,014.1	4,802.8
Banana	280.6	3,201.2	1,719.0	282.6	3,364.3	2,489.6	277.7	3,015.7	2,834.8
Pineapple	60.6	972.5	612.0	59.2	1,009.8	949.2	61.3	967.0	1,005.7
Coffee	121.2	121.2	1,793.0	127.6	121.9	1,453.0	132.2	122.1	2,091.6
Mango	48.8	317.4	1,556.0	51.2	311.6	1,598.5	52.0	303.3	1,747.0
Tobacco	68.2	77.3	477.0	70.2	86.1	497.7	66.8	86.3	720.6
Abaca	154.3	99.2	243.0	147.6	100.1	285.3	131.6	84.3	342.3
Rubber	66.3	100.3	252.0	74.4	97.9	235.9	76.5	96.0	370.6
Cacao	10.5	4.2	89.0	12.3	4.9	82.1	12.8	5.6	89.6
Cassava	200.0	1,680.4	9.0	203.4	1,530.6	857.1	175.5	1,151.9	760.3
Camote	178.9	924.6	768.0	174.0	863.2	725.1	150.6	731.4	724.1
Peanut	46.9	43.0	186.0	52.5	43.8	216.4	48.1	33.7	181.6
Mongo	34.0	25.3	252.0	35.4	26.2	144.1	33.6	24.9	158.4
Onion	4.9	34.5	97.0	6.4	43.8	169.5	6.5	42.5	449.7
Garlic	5.5	14.7	386.0	7.0	19.8	378.6	5.9	14.6	311.4
Tomato	15.4	131.0	345.0	15.9	133.5	301.7	15.3	133.3	382.6
Eggplant	15.5	120.6	257.0	14.8	125.6	304.0	14.2	112.1	281.4
Cabbage	6.9	67.6	139.0	6.3	66.8	142.3	6.0	63.0	149.9
Citrus	25.9	127.8	450.0	27.0	136.6	323.8	27.7	122.8	395.4
C. OTHER CROPS	1,292.1	7,926.0	6,350.0	1,355.7	8,045.6	9,728.2	1,293.5	7,767.8	9,389.3
Other fibercrops	126.8	358.3	419.0	144.2	314.4	462.1	97.8	245.7	392.5
Other rootcrops	143.7	226.0	391.0	154.1	267.7	451.9	147.0	245.9	350.6
Tubers	99.0	140.9	0.0	103.6	148.5	169.4	102.7	147.3	95.3
Spices	40.5	27.1	61.0	37.5	23.8	47.7	49.6	21.3	41.7
Fruit bearing Vegetables	367.7	2,687.7	3,383.0	369.0	2,706.6	2,920.8	348.9	2,677.8	3,050.5
Leafy/Stem Vegetables	149.2	1,034.8	822.0	152.5	1,130.0	1,175.0	151.4	1,108.9	1,110.1
Other Legumes	22.5	33.2	0.0	27.9	32.4	91.1	25.2	28.6	70.1
Other fruits	243.0	2,983.5	0.0	266.9	2,981.0	3,543.9	274.0	2,882.5	3,472.3
Others	99.7	434.5	1,274.0	100.0	441.2	866.3	96.9	409.80	806.2

Source: Bureau of Agricultural Statistics.

BY KIND OF CROP : 1981 TO 1990
Quantity – '000 Metric tons; Value – Million pesos)

1984			1985			1986			1987		
Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
12,589.1	61,865.8	90,275.5	13,032.1	58,831.6	103,489.1	13,300.4	59,010.1	103,798.5	12,986.9	56,685.3	107,472.8
6,389.3	11,079.2	27,384.7	6,817.4	12,668.4	39,513.4	7,059.2	13,337.5	36,648.6	6,938.5	12,818.0	38,298.9
3,162.3	7,828.9	19,668.1	3,306.5	8,805.6	28,718.7	3,464.2	9,246.8	26,389.7	3,255.9	8,539.9	26,122.3
3,227.0	3,250.3	7,716.6	3,510.9	3,862.8	10,794.7	3,595.0	4,090.7	10,258.9	3,682.6	4,278.1	12,176.6
4,963.9	43,322.9	51,247.4	4,973.5	38,300.3	46,723.8	4,947.6	37,528.4	43,916.1	4,897.1	35,964.3	47,561.4
3,222.9	11,737.6	22,184.1	3,270.3	12,827.8	17,958.9	3,284.0	14,334.9	12,328.0	3,251.6	13,730.5	14,966.2
409.5	23,944.2	6,704.4	368.5	17,542.1	5,788.9	300.1	14,831.1	5,042.6	269.3	13,797.0	6,208.7
285.7	3,058.3	4,709.8	289.8	3,127.1	5,191.0	292.7	3,192.6	5,140.1	298.9	3,157.4	4,830.8
59.0	1,035.6	1,698.4	58.0	1,030.0	1,792.2	60.9	1,273.2	2,253.6	63.1	1,303.4	2,893.5
138.3	124.7	3,674.9	137.2	137.3	3,394.1	141.3	145.3	4,967.8	143.2	140.1	3,857.0
52.7	339.3	3,104.6	53.7	355.7	2,888.3	54.4	372.9	4,128.0	55.5	367.1	3,942.7
70.0	98.1	1,253.7	60.2	74.3	1,108.6	64.2	74.2	1,003.9	68.7	82.8	1,793.4
124.6	86.2	766.3	120.4	81.3	507.3	116.8	83.6	403.0	114.8	82.0	525.6
77.8	140.7	769.6	80.7	145.9	665.3	82.6	146.0	773.8	83.9	147.2	1,017.2
13.9	6.0	157.4	15.5	7.0	188.4	16.8	8.0	218.8	17.5	8.8	266.0
201.5	1,491.1	1,506.0	204.6	1,686.7	1,990.3	211.4	1,724.1	2,120.6	209.7	1,784.3	1,855.7
149.7	692.9	1,039.4	150.2	701.7	1,277.1	155.2	726.2	1,328.9	149.6	716.9	1,190.1
46.5	40.0	327.6	50.4	41.3	354.4	50.9	42.2	405.5	55.3	43.0	352.6
33.8	25.1	269.3	35.5	25.3	303.1	36.0	25.9	321.4	34.7	25.3	270.5
7.8	52.5	467.8	7.1	53.1	577.2	6.6	54.2	471.0	7.0	60.9	549.9
5.5	13.3	620.2	6.3	15.0	698.9	6.8	15.5	596.3	6.3	15.4	330.8
16.3	149.0	657.1	16.7	150.4	616.6	18.1	165.7	725.8	18.0	166.9	642.6
14.7	110.4	407.4	14.4	102.7	438.5	14.5	104.5	491.2	14.8	107.7	535.3
5.9	62.1	328.5	6.2	66.1	342.4	6.4	69.0	428.5	6.5	71.3	307.3
27.8	115.8	600.9	27.8	129.5	642.3	27.9	139.3	767.3	28.7	156.3	1,225.5
1,235.9	7,463.7	11,643.4	1,241.2	7,862.9	17,251.9	1,293.6	8,144.2	23,233.8	1,151.3	7,903.0	21,612.5
81.9	198.5	474.8	92.2	204.8	987.3	89.2	195.1	682.8	35.0	68.0	651.0
125.5	197.8	319.3	106.8	121.1	309.8	109.7	126.4	379.2	112.9	126.8	443.7
96.5	140.2	114.8	101.0	146.8	179.0	111.0	162.0	225.6	109.4	159.6	223.4
44.9	22.9	54.5	42.6	25.6	88.4	42.6	26.1	91.4	39.6	24.9	99.6
326.2	2,503.4	3,295.1	333.1	2,633.3	5,303.8	368.1	2,740.8	9,172.4	306.9	2,691.4	6,420.3
147.0	1,092.0	1,475.7	151.7	1,122.4	2,356.7	159.4	1,141.7	2,730.2	147.4	910.5	2,277.6
21.6	29.7	78.2	25.6	30.1	132.3	26.0	31.8	159.0	27.4	31.3	187.4
291.3	2,852.3	4,912.6	299.2	3,104.7	6,258.3	304.5	3,239.6	7,943.7	299.6	3,451.0	9,402.4
101.0	426.9	918.4	89.0	474.1	1,636.3	83.1	480.7	1,849.5	73.1	439.5	1,907.1

Table 5.1 – AGRICULTURAL PRODUCTION BY KIND OF CROP 1981 TO 1989 (continued)
(Harvest Area – '000 hectares; Quantity –'000 Metric tons; Value – Million Pesos)

ITEM	1988			1989			1990		
	Area	Quantity	Value	Area	Quantity	Value	Area	Quantity	Value
AGRICULTURAL CROPS	13,120.0	58,146.9	124,443.1	13,143.6	60,373.1	147,853.6	13,102.7	59,806.4	161,905.4
A. CEREALS	7,137.8	13,399.0	43,186.0	7,186.5	13,981.0	57,047.5	7,138.3	14,173.0	64,789.9
Palay	3,392.7	8,971.0	30,612.6	3,497.3	9,458.8	39,668.8	3,318.7	9,319.0	44,451.6
Corn	3,745.1	4,428.0	12,573.4	3,689.2	4,522.2	17,378.7	3,819.6	4,854.0	20,338.3
B. MAJOR CROPS	4,784.9	36,473.9	57,037.0	4,721.5	37,814.1	64,051.2	4,704.6	36,926.4	64,250.3
Coconut	3,221.8	12,481.8	19,222.0	3,110.4	11,810.4	22,439.8	3,112.0	11,940.0	18,865.2
Sugarcane	215.7	15,721.5	8,332.4	261.7	17,590.8	10,202.7	242.3	16,908.0	9,975.7
Banana	287.0	3,067.3	4,754.3	293.1	3,190.3	5,008.8	300.2	2,913.0	7,224.2
Pineapple	60.5	1,181.2	3,768.0	61.0	1,178.8	5,328.2	58.3	1,156.0	4,751.2
Coffee	142.5	141.9	3,881.0	143.2	155.9	3,325.3	141.0	133.8	2,659.1
Mango	55.7	361.1	4,954.3	56.8	370.1	3,797.2	56.7	338.0	5,313.4
Tobacco	61.4	76.4	1,333.2	63.3	79.9	2,044.6	64.2	82.0	2,200.1
Abaca	108.3	84.1	736.7	107.7	88.4	901.7	106.7	80.4	886.4
Rubber	84.6	156.4	828.9	84.6	171.9	825.1	86.3	185.0	1,047.1
Cacao	17.7	9.1	218.5	18.2	9.4	181.0	19.2	9.8	221.9
Cassava	217.1	1,865.9	2,276.4	213.1	1,846.9	2,696.5	213.8	1,853.9	3,485.5
Camote	144.1	695.0	1,237.1	138.3	660.3	1,439.5	136.7	669.0	1,799.6
Peanut	51.0	39.9	345.9	50.4	37.6	376.4	43.7	35.0	695.1
Mongo	36.7	26.6	316.8	35.7	25.1	376.8	37.1	26.6	401.8
Onion	5.8	45.9	420.9	6.5	65.3	592.3	8.4	61.0	523.4
Garlic	5.6	14.1	905.8	6.1	17.2	1,159.5	6.3	17.8	569.5
Tomato	18.4	167.9	851.3	19.7	178.7	750.5	20.0	184.0	923.7
Eggplant	15.3	109.8	563.3	15.4	111.6	698.6	16.1	113.0	713.0
Cabbage	6.4	70.3	357.1	6.9	75.9	496.4	6.4	68.3	526.3
Citrus	29.3	157.7	1,733.1	29.4	149.6	1,410.3	29.2	151.8	1,468.1
C. OTHER CROPS	1,197.3	8,274.0	24,220.1	1,235.6	8,578.0	26,754.9	1,259.8	8,707.0	32,865.2
Other fibercrops	40.0	76.0	727.1	37.0	64.6	618.1	33.4	58.4	664.4
Other rootcrops	113.5	127.5	463.6	108.0	121.3	440.8	109.6	132.3	542.2
Tubers	122.0	198.0	309.5	125.7	214.0	332.6	135.7	201.4	415.8
Spices	35.3	25.5	210.7	35.9	26.3	1,232.5	38.6	27.0	1,516.0
Fruit bearing Vegetables	304.1	2,680.6	7,494.2	313.2	2,887.6	8,085.3	328.0	2,910.2	8,570.4
Leafy/Stem Vegetables	157.1	1,058.0	2,484.5	166.7	1,097.2	2,633.3	171.2	1,080.2	3,159.9
Other Legumes	28.5	32.0	189.3	30.2	34.0	204.0	30.5	34.3	250.9
Other fruits	316.8	3,595.2	10,271.9	331.7	3,639.3	11,032.0	327.7	3,764.9	15,003.5
Others	80.0	481.2	2,069.3	87.2	493.7	2,176.3	85.1	498.3	2,742.1

Table 5.2 – QUANTITY AND VALUE OF TEN PRINCIPAL AGRICULTURAL EXPORTS: 1981 to 1990
(Quantity in thousand metric tons; Value in million FOB US$)

	1981		1982		1983		1984		1985	
Principal Products	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	1,222.0	566.6	1,247.5	416.0	962.8	299.3	877.2	327.6	571.6	168.7
Coconut oil	1,039.9	533.5	921.2	401.0	998.3	515.8	587.6	580.2	650.6	347.4
Banana	868.6	124.0	926.7	146.1	643.4	104.7	799.6	122.3	789.3	113.5
Pineapple in syrup	173.5	88.4	170.9	87.6	145.7	73.6	170.9	87.1	185.1	88.8
Copra Cake or meal	620.4	80.8	588.6	72.1	550.8	72.0	364.4	41.1	443.7	35.5
Desiccated coconut	86.3	101.8	90.3	68.3	89.4	87.9	76.6	106.0	64.8	75.7
Tuna, Frozen except fillet	53.6	100.3	34.3	64.3	37.7	71.0	35.2	61.2	37.4	61.1
Coffee, raw or green, not rosted	20.5	39.4	24.6	49.4	21.5	46.7	32.9	76.2	30.7	68.5
Copra	108.3	33.6	177.7	49.2	16.1	44.4	0.0	0.0	0.0	0.0
Abaca (in '000 bales)	268.4	20.7	270.0	20.1	239.4	18.0	251.4	33.0	195.3	16.5

	1986		1987		1988		1989		1990	
Principal Products	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Sugar	222.0	86.8	162.9	60.3	142.6	60.2	210.3	80.0	224.8	110.5
Coconut oil	1,249.4	332.8	1,031.2	380.5	792.9	408.2	763.5	376.8	1,134.5	360.7
Banana	855.7	130.2	775.0	121.2	866.8	146.0	851.1	146.2	839.8	149.3
Pineapple in syrup	172.1	83.5	183.7	86.3	182.8	83.2	191.5	91.3	157.9	78.2
Copra Cake or meal	821.6	74.8	743.3	73.4	531.1	63.4	477.1	53.5	643.9	54.0
Desiccated coconut	68.0	44.3	95.2	75.3	88.1	78.3	94.5	78.0	75.3	60.7
Tuna, Frozen except fillet	35.6	63.1	37.3	69.9	47.4	113.2	52.1	1,130.0	48.3	102.6
Coffee, raw or green, not rosted	42.6	118.8	16.5	33.1	26.5	49.9	25.0	42.0	9.1	8.0
Copra	125.3	17.5	128.7	31.9	80.3	28.0	79.5	25.2	97.3	20.5
Abaca (in '000 bales)	197.2	13.0	184.3	11.8	191.5	16.3	179.6	17.6	160.6	14.8

Source: Foriegn Trade Statistics, NSO.

Table 5.3 – VALUE OF TEN PRINCIPAL AGRICULTURAL IMPORTS: 1980 to 1990
(In million FOB US$)

Principal Products	1981	1982	1983	1984	1985
Cereals and Cereal Preparations	229.96	242.03	248.55	245.02	278.06
Fertilizers, Manufactured	104.36	107.99	90.91	87.99	105.59
Dairy Products and Bird Eggs	134.91	1166.81	28.21	65.59	134.91
Feeding Stuff for Animals Excluding Unmilled Cereals	81.10	111.36	80.84	92.07	47.04
Tobacco and Tobacco Manufactures	42.06	53.13	58.32	28.79	65.16
Coffee, Tea, Cocoa, Spices and Manufactures	45.77	42.89	20.86	6.09	8.74
Fish, Crustaceans, Mollusks and Preparations	36.46	52.29	11.14	2.70	6.28
Meat and Meat Preparations	16.04	20.34	12.94	2.27	3.48
Vegetables and Fruits	14.47	15.20	14.24	5.89	7.98
Fixed Vegetable Oil and Fats	11.01	9.67	19.05	27.08	7.66

Principal Products	1986	1987	1988	1989	1990
Cereals and Cereal Preparations	168.31	134.41	228.25	337.01	437.10
Fertilizers, Manufactured	83.41	89.24	107.74	103.69	117.29
Dairy Products and Bird Eggs	98.22	149.54	161.44	216.56	229.30
Feeding Stuff for Animals Excluding Unmilled Cereals	87.05	97.64	166.50	176.97	173.90
Tobacco and Tobacco Manufactures	65.90	94.39	78.10	65.50	62.85
Coffee, Tea, Cocoa, Spices and Manufactures	3.70	5.44	8.10	13.68	18.19
Fish, Crustaceans, Mollusks and Preparations	18.90	30.96	35.39	36.50	47.90
Meat and Meat Preparations	3.67	6.93	9.80	17.76	19.14
Vegetables and Fruits	16.43	18.08	36.85	51.00	42.75
Fixed Vegetable Oil and Fats	8.39	8.99	12.49	18.39	17.42

Source: Foriegn Trade Statistics, NSO.

Table 5.4 - QUANTITY AND VALUE OF FISH PRODUCTION, BY TYPE OF PRODUCTION: 1950 TO 1990
(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	480.8	2,389.5	684.5	2,395.7	113.2	784.4
1975	1,336.8	5,919.1	498.6	2,549.0	731.7	2,561.0	106.5	809.1
1976	1,393.5	7,297.9	508.2	2,697.8	726.0	2,308.0	159.3	1,192.2
1977	1,508.9	8,809.2	518.2	3,543.2	827.7	4,015.1	163.6	1,250.9
1978	1,580.4	9,477.2	505.8	3,465.2	857.9	4,810.5	216.7	1,201.6
1979	1,581.3	10,536.7	500.7	3,512.2	839.3	5,364.2	241.2	1,660.2
1980	1,872.2	11,644.4	488.5	3,784.7	894.6	6,017.8	289.2	1,841.9
1981	1,772.9	13,953.8	494.8	4,124.6	938.6	6,963.7	339.5	2,865.5
1982	1,897.0	15,064.0	526.3	4,355.2	978.3	7,315.5	392.3	3,393.3
1983	2,110.2	18,981.5	519.3	4,642.7	1,145.8	9,539.6	445.1	4,799.2
1984	2,080.4	25,649.9	513.3	6,521.2	1,089.2	11,862.8	477.9	7,265.9
1985	2,052.1	31,897.3	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	2,371.1	45,093.7	637.0	11,033.4	1,104.6	18,387.7	629.3	15,672.6
1990	2,503.4	52,177.2	700.6	12,410.6	1,131.9	19,300.1	671.1	20,466.5

1 Includes production from commercial fishing vessels.

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

3 Includes production from aquaculture activities as brackishwater fishponds, freshwater fishponds, culture of oysters, mussels and seeweeds in marine areas and fishpens/fishcages in lakes, etc.

Source: 1950 to 1979 Bureau of Fisheries and Aquatic Resources.
1980 onwards Bureau of Agricultural Statistics

Table 5.5 – EXPORTS OF FISHERY PRODUCTS BY KIND, QUANTITY AND VALUE: 1976 TO 1990
(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	128,903	9,599,433	91,304	8,543,892	10,137	463,383	27,462	592,158
1989	145,099	10,248,362	104,652	8,857,523	9,056	493,840	31,397	897,000
1990	143,049	11,528,727	103,211	9,658,538	4,351	551,153	35,487	1,319,036

Source: National Statistics Office

Table 5.6 – IMPORTS OF FISHERY PRODUCTS BY KIND, QUANTITY AND VALUE: 1976 TO 1990
(Quantity in metric tons; 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	1,312,468	2,901	54,295	113,860	680,511	47,784	574,271	29	3,391
1989	197,965	1,424,133	3,815	69,339	136,860	717,137	57,227	629,883	762	7,774
1990	196,155	1,853,743	4,907	91,679	130,995	1,090,506	60,165	666,585	48	4,973

Source: National Statistics Office.

Table 5.7 – AQUACULTURE PRODUCTION AND VALUE BY TYPE OF CULTURE 1981 TO 1990

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
QUANTITY ('000 mt)										
Total Aquaculture	339	391	445	478	495	470	562	604	630	671
Brackishwater fishpond	170	180	184	199	199	207	235	240	254	268
Freshwater fishpond	11	11	12	13	16	16	30	33	34	36
Fish Pen	56	61	83	82	52	41	36	29	24	24
Fish Cage	6	5	5	7	7	9	18	18	20	21
Oyster	7	19	11	15	15	16	10	12	13	13
Mussel	6	6	18	20	23	12	12	16	16	18
Seaweed	83	109	132	142	183	169	221	256	269	291
VALUE (Million P)										
Total Aquaculture	2,859	3,393	4,799	7,265	8,726	10,832	11,422	15,215	15,712	20,466
Brackishwater fishpond	1,875	2,184	3,123	5,117	6,522	8,682	9,131	12,756	12,878	16,762
Freshwater fishpond	64	96	112	167	282	365	612	748	855	1,333
Fish Pen	612	725	1,107	1,357	1,203	1,035	732	574	654	685
Fish Cage	38	47	37	86	136	223	361	417	479	570
Oyster	29	76	49	95	78	86	53	75	89	126
Mussel	34	37	120	162	201	107	102	140	152	194
Seaweed	207	228	251	281	304	334	431	505	605	796

Source: Bureau of Fisheries and Aquatic Resources.

Table 5.8 PROJECTED COMPREHENSIVE AGRARIAN REFORM PROGRAM BY REGION, AREA AND BENEFICIARIES: 1989
(Area in hectares)

Region	TOTAL		Phase I		Phase II		Phase III	
	Area	Beneficiaries	Area	Beneficiaries	Area	Beneficiaries	Area	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 – LAND DISTRIBUTION BY LAND TYPE AND BY REGION: 1990

Region	TOTAL		Rice and Corn Lands		Idle and Abandoned Lands	
	Area	FB	Area	FB	Area	FB
Philippines	292,979	172,368	83,552	69,583	–	–
CAR	398	188	145	104	–	–
Region 1	8,653	7,154	5,691	6,344	–	–
Region 2	33,940	26,716	19,370	15,114	–	–
Region 3	26,256	23,746	18,296	13,836	–	–
Region 4	26,424	20,387	8,256	6,176	–	–
Region 5	8,252	7,411	6,793	6,811	–	–
Region 6	24,571	12,100	5,941	4,400	–	–
Region 7	11,612	8,782	4,456	5,969	–	–
Region 8	16,717	10,505	3,299	3,115	–	–
Region 9	16,680	5,442	5,038	2,061	–	–
Region 10	40,154	17,016	771	475	–	–
Region 11	15,774	7,628	3,148	1,765	–	–
Region 12	63,946	25,481	2,493	3,517	–	–

Region	PCGG Sequestered and Surrendered Lands		Government-Owned Lands		Resettlements and Landed Estate		Private Agricultural Lands	
	Area	FB	Area	FB	Area	FB	Area	FB
Philippines	620	1,022	53,648	22,224	148,655	75,073	6,594	3,366
CAR	–	–	175	58	–	–	78	26
Region 1	–	–	–	–	2,761	697	201	113
Region 2	–	–	8,676	4,853	3,703	5,812	2,191	937
Region 3	–	–	292	113	7,668	9,797	–	–
Region 4	620	1,022	566	308	16,830	12,782	152	99
Region 5	–	–	425	79	676	340	358	181
Region 6	–	–	10,951	4,654	7,141	2,797	583	249
Region 7	–	–	6,226	2,200	930	613	–	–
Region 8	–	–	11,871	4,316	1,474	2,219	123	55
Region 9	–	–	3,903	1,226	7,739	1,855	–	–
Region 10	–	–	6,745	2,945	30,997	12,795	1,641	801
Region 11	–	–	3,993	1,530	7,945	3,907	683	426
Region 12	–	–	–	–	60,791	21,459	662	505

FB – Farmer Beneficiaries

Table 5.10 – AGRICULTURAL LOANS GRANTED BY FINANCIAL INSTITUTIONS: 1960 TO 1990
(In million pesos)

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

* reduced number of banks due to closure
1977 onwards includes Agriculture, Fishery and Forestry.

Source: Central Bank of the Philippines.

Table 5.11 – OUTSTANDING AGRICULTURAL LOANS BY FINANCIAL INSTITUTIONS: 1960 to 1990
(In million pesos)

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

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

Source: Central Bank of the Philippines.

Table 5.12 – PHILIPPINE RICE EXPORT BY COUNTRY OF DESTINATION: 1980 TO 1990

Year	Country of destination	Volume (metric tons)	Value (million U.S.$)
1980		230,624.95	64.48
	Indonesia	97,175.00	27.89
	Malaysia	26,450.00	7.64
	Brazil	63,499.95	18.19
	Senegal	11,000.00	2.09
	Africa/Tradax	9,500.00	3.37
	Singapore	2,000.00	0.75
	Vietnam	21,000.00	4.55
1981		83,300.00	26.32
	Vietnam	9,000.00	1.96
	Indonesia	63,800.00	20.42
	Brazil	10,500.00	3.94
1982		152.00	0.06
	Germany	60.00	0.02
	Australia	87.42	0.03
1983		39,760.00	9.29
	Australia	76.00	0.03
	Indonesia	24,191.68	5.64
	Israel	2,260.00	0.52
	Papua New Guinea	709.00	0.22
	Noumea, N.C.	323.78	0.08
	Brazil	12,000.00	2.74
	U.S.A.	200.00	0.06
1984		737.60	0.23
	U.S.A.	36.10	0.01
	Papua, New Guinea/R.G.	701.50	0.22
1985	NO EXPORT		
1986	NO EXPORT		
1987	Indonesia **	111,000.00	24.42
1988	Indonesia **	16,000.00	2.52
1989	NO EXPORT		
1990	NO EXPORT		

Does not include 56.844 MT rice transferred by NFA to FTI intended for FTI's exports to the USA.
** Loan Repayment

Source: National Food Authority

Table 5.13 – PHILIPPINE RICE IMPORTS BY COUNTRY OF ORIGIN: 1980 TO 1990

Year	Country of origin	VOLUME (metric tons)	VALUE (Million U.S.$)
1980)			
1981)	NO IMPORTATION		
1982)			
1983)			
1984		191,020.00	44.16
	Thailand	108,775.00	
	China	82,245.00	
1985		540,927.00	122.88
	Thailand	138,277.00	
	Taiwan	111,791.00	
	China	99,324.00	
	U.S. (PL 480)	151,851.00	
	Indonesia	39,684.00	
1986		5,979.00	NCV
	Burma *	2,318.00	
	Australia *	3,661.00	
1987	NO IMPORTATION		
1988		181,167.16	
	PL 480 (Title I)	95,094.44	29.10
	PL 480 (Title II)	55,155.65	21.00
	China *	9,969.54	NCV
	Spanish Government *	835.00	NCV
	Australian Donation *	20,112.53	NCV
1989		219,928.70	
	Vietnam	54,300.36)	
	Thailand	51,050.00)	57.86
	Indonesia	104,578.34)	
	Taiwan *	10,000.00	
1990		593,095.12	120.81
	Vietnam	445,959.40	90.44
	Thailand	94,635.85	17.98
	Indonesia	52,499.87	12.39

* Donation
NCV – No Current Value

Source: National Food Authority

Table 5.14 – 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	2,765	1,629	2,193	8,190	69,539	7,237

Notes: 1974 and 1975 data are not available.

Source: 1950 to 1986 Bureau of Agricultural Economics
1987 to 1990 Bureau of Agricultural Statistics

Table 5.15 – NUMBER OF ANIMALS SLAUGHTERED BY KIND: 1955 to 1990
(In thousand heads)

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

Source: National Meat Inspection Commission.

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						LAOAG						
1965	T	0.0	0.0	4.6	267.6	585.3	395.4	208.1	393.6	7.5	45.2	2.0
1970	0.5	T	0.0	7.1	81.4	481.0	216.7	474.8	438.7	77.3	27.9	27.3
1975	23.1	0.0	T	12.2	55.7	375.4	63.0	812.9	65.6	132.6	T	5.7
1976	T	T	T	3.3	253.9	284.1	211.1	173.3	154.7	63.4	11.8	0.0
1977	9.6	T	0.0	20.4	33.2	189.0	455.8	627.6	621.8	0.0	86.0	0.0
1978	0.0	0.0	0.0	51.6	118.5	427.2	227.8	443.7	259.1	107.2	41.5	0.0
1979	0.0	T	0.0	15.9	420.7	95.0	525.6	494.8	114.4	79.6	17.3	6.0
1980	38.8	0.0	0.0	0.0	89.5	80.2	579.5	124.9	475.9	110.2	79.3	T
1981	0.5	0.0	0.0	0.2	230.6	507.2	305.8	508.3	235.3	93.7	31.6	0.0
1982	0.0	0.0	T	0.8	67.8	345.6	772.8	613.9	160.3	36.8	28.2	15.8
1983	0.3	12.2	26.0	2.2	27.7	249.0	196.6	621.7	353.4	80.6	T	4.0
1984	0.0	0.0	0.0	285.2	178.2	248.7	197.4	716.3	60.4	13.8	10.8	21.3
1985	0.0	0.0	0.0	T	184.0	1069.5	41.3	1015.4	134.9	367.4	23.8	2.2
1986	16.5	0.1	0.0	0.0	540.6	88.0	349.3	1146.1	514.7	57.7	59.7	T
1987	0.0	0.0	0.0	1.0	0.0	250.6	263.8	291.2	243.8	315.1	0.2	3.1
1988	5.3	2.0	0.0	8.0	171.0	293.3	554.6	266.2	238.9	62.3	1.1	T
1989	T	0.2	2.0	9.0	80.7	152.2	446.0	494.1	11526.0	136.0	T	0.6
1990	8.6	0.6	0.0	17.6	389.0	564.5	320.7	1026.7	539.0	29.6	1.9	0.2
1991	1.0	T										
						DAGUPAN						
1965	0.0	0.0	66.1	137.8	352.0	296.3	484.7	339.0	296.2	66.5	16.6	0.0
1970	10.2	4.0	9.7	91.9	174.1	534.3	292.5	611.4	292.9	223.3	31.4	16.9
1975	4.7	T	33.0	54.6	262.0	113.5	216.1	443.5	279.6	198.3	20.8	10.7
1976	15.5	21.9	19.1	5.6	862.7	630.8	334.0	382.6	498.5	69.0	T	T
1977	53.3	T	11.2	70.3	101.3	175.8	302.0	524.3	546.6	31.5	247.7	0.0
1978	0.0	0.0	0.0	32.4	141.5	353.1	493.7	1059.6	309.7	204.5	75.5	1.0
1979	0.0	0.0	T	70.1	440.8	125.5	312.2	648.6	224.5	216.0	5.8	3.1
1980	1.0	3.3	24.1	5.5	201.2	232.5	703.7	162.2	391.0	212.7	158.6	4.2
1981	0.7	4.4	0.0	40.1	116.4	534.6	417.5	694.2	137.7	133.8	206.4	1.4
1982	T	0.8	1.1	163.4	178.4	248.1	693.6	524.8	144.9	86.8	2.0	45.9
1983	13.1	0.2	2.0	0.4	61.3	97.5	114.9	692.3	223.8	111.6	37.2	7.2
1984	8.2	T	20.8	91.4	137.7	312.1	222.6	1067.0	210.4	328.5	7.7	1.0
1985	0.0	3.2	20.2	99.5	136.7	995.3	153.6	678.0	386.4	168.4	39.6	0.8
1986	21.7	28.4	13.0	0.0	202.6	116.5	965.2	646.0	547.6	51.5	64.8	16.3
1987	0.0	0.0	11.0	11.2	61.6	237.4	289.2	250.0	261.7	147.8	2.2	30.3
1988	3.0	33.4	0.0	78.2	285.0	304.2	654.2	443.8	372.6	232.6	23.8	T
1989	14.2	8.4	97.8	18.2	155.6	241.3	619.0	448.8	537.0	236.8	53.8	0.6
1990	T	0.0	T	0.0	183.1	102.8	495.7	755.5	424.7	131.4	8.8	52.4
1991	0.0	7.6										

SELECTED KEY STATION: JANUARY 1965 to FEBRUARY 1991
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						MANILA (Port Area)						
1965	10.7	9.3	2.3	67.5	221.1	206.4	403.5	398.1	285.6	131.4	92.8	36.4
1970	5.9	0.3	2.6	11.8	44.5	163.7	425.4	358.6	885.1	258.5	97.0	7.0
1975	16.5	3.3	0.5	28.4	58.0	196.3	100.1	505.9	260.7	310.7	100.6	113.6
1976	40.4	2.0	0.5	1.0	922.7	167.9	0.0	0.0	0.0	61.8	82.8	87.9
1977	69.2	8.2	4.4	2.8	265.5	190.8	419.4	525.6	710.0	66.4	76.6	5.6
1978	0.2	6.0	1.6	12.4	167.7	164.4	206.6	885.3	435.3	626.9	124.1	46.6
1979	T	0.2	0.0	60.3	161.3	161.0	316.7	412.6	251.0	89.0	32.2	19.8
1980	0.0	0.0	43.9	T	41.9	37.5	364.6	212.9	312.4	154.8	260.4	21.6
1981	1.0	T	T	3.3	31.0	480.3	268.6	193.8	171.8	191.3	148.7	74.0
1982	1.6	4.0	5.5	27.5	32.3	182.1	492.4	352.9	276.2	69.1	28.2	60.8
1983	23.3	0.3	0.0	1.4	T	33.0	177.1	409.8	250.7	239.0	9.4	2.6
1984	25.3	T	7.6	12.6	169.1	372.9	244.8	500.1	156.9	311.3	65.8	10.1
1985	1.2	0.9	6.7	75.5	8.4	867.3	259.2	301.1	290.8	299.6	132.6	45.1
1986	0.7	48.3	T	16.6	266.9	149.0	667.3	662.6	545.4	623.0	250.5	53.0
1987	3.9	0.0	0.0	2.4	27.4	241.7	147.0	236.1	292.8	170.6	95.2	-
1988	96.2	9.6	0.8	12.5	116.0	367.7	426.5	279.5	341.2	573.4	136.1	1.6
1989	10.9	15.8	64.3	0.7	153.2	162.3	377.6	765.2	185.2	190.8	31.1	1.2
1990	5.6	T	5.6	3.2	152.1	366.6	561.4	476.1	514.0	140.9	151.9	76.8
1991	22.5	6.6										
						LEGASPI						
1965	307.2	98.1	242.7	158.4	189.6	281.5	484.4	308.4	255.5	318.1	428.2	547.6
1970	269.6	303.2	292.2	172.2	134.5	203.5	358.3	424.6	219.4	540.2	758.1	559.2
1975	256.7	210.7	122.7	435.1	151.4	159.2	196.5	228.5	318.6	139.3	372.9	154.8
1976	668.8	160.9	251.7	104.9	414.5	245.9	155.3	390.6	214.7	294.7	410.0	794.6
1977	239.3	217.3	141.8	114.1	254.3	107.3	378.1	233.7	386.6	205.7	657.2	175.6
1978	53.1	96.4	152.5	124.4	206.8	312.3	192.6	348.5	353.3	559.4	255.3	494.6
1979	136.9	240.5	88.6	272.7	129.3	302.3	244.8	156.6	458.9	234.9	326.0	248.9
1980	222.7	288.2	298.0	86.1	64.7	551.3	298.5	350.8	282.7	652.4	313.2	288.4
1981	394.3	166.5	61.8	156.2	138.6	339.5	239.0	129.4	288.5	500.0	787.1	504.8
1982	225.3	346.4	230.6	121.0	209.5	135.5	386.6	250.4	568.6	245.5	386.0	394.8
1983	147.2	11.4	33.4	54.2	22.0	283.5	532.9	112.8	263.3	269.5	503.5	405.8
1984	337.7	191.4	219.8	36.4	86.7	387.2	67.4	358.6	170.2	444.4	661.9	180.2
1985	305.9	182.2	181.7	181.8	140.4	262.9	304.2	68.9	244.9	386.5	417.9	261.2
1986	226.9	152.2	92.9	366.1	90.2	152.3	237.4	216.7	273.5	384.9	338.5	160.8
1987	110.7	65.8	42.9	113.2	43.1	137.3	246.6	275.2	200.1	217.5	648.8	604.3
1988	259.6	119.6	85.9	287.2	118.8	186.7	174.1	93.2	147.0	693.5	897.1	295.2
1989	549.8	676.7	331.4	251.9	260.7	393.6	163.4	211.8	327.7	220.4	232.0	389.0
1990	447.1	58.1	32.9	64.3	266.4	384.9	199.2	276.2	207.2	442.7	396.4	358.3
1991	180.8	143.8										

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ILOILO						
1965	57.8	12.7	81.8	33.3	70.6	249.3	360.7	267.5	219.0	166.4	251.8	121.2
1970	25.9	7.2	35.1	5.3	151.0	414.4	195.8	256.1	234.9	225.0	101.8	60.7
1975	130.5	85.8	11.1	144.9	147.1	378.5	99.5	253.5	294.2	328.2	55.0	120.7
1976	45.5	37.9	26.0	20.6	315.3	217.3	509.1	386.7	331.2	174.3	131.8	99.5
1977	38.7	60.4	21.0	0.0	8.1	247.5	224.4	281.0	545.4	73.6	77.0	21.7
1978	26.2	9.1	3.8	131.4	66.8	150.1	131.6	503.6	320.8	252.7	119.6	162.6
1979	12.5	17.7	0.0	125.3	97.5	129.5	501.5	667.4	207.6	706.4	84.5	65.2
1980	21.5	74.3	74.8	7.3	22.1	648.0	220.8	206.1	348.4	363.2	193.0	94.3
1981	30.3	5.8	7.6	80.4	30.6	423.2	203.0	345.9	283.8	117.3	134.3	84.6
1982	15.3	2.0	151.8	60.8	158.0	396.6	285.7	668.1	380.3	215.6	53.4	9.9
1983	73.4	5.0	31.2	2.4	9.2	181.7	247.5	278.5	350.2	264.6	284.9	102.1
1984	32.3	64.6	97.0	66.8	109.5	508.6	391.6	505.8	411.5	515.8	365.9	72.3
1985	36.9	54.1	35.4	267.6	59.2	460.1	274.4	161.7	341.7	470.2	182.0	90.4
1986	40.2	15.3	51.5	49.2	70.4	253.1	300.8	692.4	257.5	182.4	248.9	97.4
1987	30.1	12.0	1.0	5.7	41.9	162.4	452.7	224.5	517.0	385.3	213.2	21.8
1988	13.7	13.3	13.1	85.2	197.6	483.0	325.3	264.9	277.7	561.6	312.7	39.4
1989	94.1	33.0	58.8	68.7	253.5	323.5	308.5	72.7	160.0	138.2	37.4	8.8
1990	15.1	0.6	8.0	9.1	262.1	602.2	326.6	466.1	182.0	124.6	319.5	22.7
1991	3.1	20.0										
						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	-	-								
1991	-	-										

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

Source: Philippine Atmospheric, Geophysical and Astronomical Services Administration.

SELECTED KEY STATION: JANUARY 1965 to FEBRUARY 1991 (Continued)
meters)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						ZAMBOANGA CITY						
1965	12.5	49.0	34.4	41.9	58.4	159.2	113.3	51.8	62.8	99.0	33.5	53.5
1970	61.8	6.8	46.9	79.9	139.9	185.5	98.7	104.5	164.3	244.6	40.4	131.0
1975	8.3	82.2	103.7	69.5	102.0	142.4	265.5	192.7	127.8	196.7	81.3	210.5
1976	109.1	1.0	62.5	10.0	191.7	145.3	240.2	87.9	197.8	133.3	100.2	37.3
1977	12.8	49.2	22.1	16.2	21.5	99.1	308.5	187.5	113.9	71.9	33.6	48.8
1978	11.7	111.7	12.4	140.2	118.3	48.4	81.8	147.4	312.9	202.3	103.2	20.8
1979	0.1	43.5	2.5	50.7	105.8	177.9	142.0	30.4	64.5	527.9	34.9	583.4
1980	52.5	80.9	7.9	9.7	7.6	250.4	226.1	107.3	182.5	197.4	119.3	43.6
1981	63.0	13.8	85.7	48.3	109.1	134.9	97.6	67.8	127.8	82.7	170.1	48.7
1982	6.2	35.3	10.1	29.8	76.1	177.4	70.0	116.1	82.7	125.0	31.6	15.7
1983	5.8	1.0	2.2	3.3	130.8	15.8	226.0	55.6	274.6	141.5	168.3	138.3
1984	105.6	57.8	13.4	68.2	128.0	186.5	109.3	56.9	78.7	314.4	20.0	14.6
1985	6.1	66.2	22.7	35.5	99.0	124.5	186.3	4.9	215.4	186.0	68.3	28.9
1986	51.8	25.2	98.8	17.2	34.8	38.8	212.3	262.8	161.9	95.5	191.7	10.0
1987	15.6	6.2	31.0	0.9	26.3	73.9	242.5	96.7	103.2	55.9	173.9	23.6
1988	22.7	70.6	50.6	81.4	45.2	109.5	150.6	205.6	101.2	353.6	275.7	35.3
1989	12.6	38.0	80.0	91.5	79.4	118.2	97.2	182.1	67.7	91.6	71.8	22.4
1990	30.1	22.1	13.3	68.7	-	218.9	69.9	221.3	324.9	166.0	131.2	4.5
1991	30.1	19.8										
						DAVAO CITY						
1965	170.0	180.9	176.6	262.6	178.2	194.2	85.6	186.1	278.7	224.6	128.3	135.0
1970	101.3	200.3	119.9	49.4	141.6	122.2	249.9	239.3	168.7	176.4	138.6	84.1
1975	95.1	71.9	146.0	87.4	175.3	250.9	139.9	231.2	205.5	132.4	123.7	227.1
1976	88.0	55.9	72.3	64.4	111.6	189.1	77.7	299.3	157.5	177.5	126.5	81.7
1977	177.5	130.3	56.5	13.5	74.1	243.9	174.1	197.7	82.7	349.3	89.4	30.0
1978	51.7	111.2	17.5	62.7	273.4	220.1	127.9	188.8	125.1	229.3	66.3	123.1
1979	37.0	32.5	104.0	101.9	285.7	325.9	127.1	70.0	273.4	163.3	118.9	91.0
1980	173.4	124.6	15.6	178.3	196.8	509.0	170.3	182.4	78.5	176.1	127.9	231.8
1981	170.9	120.8	57.4	174.2	168.2	159.6	75.8	106.5	214.2	193.8	175.5	70.3
1982	174.1	100.1	48.4	198.3	108.1	259.0	135.7	247.1	135.5	87.1	239.4	23.3
1983	59.8	14.8	11.2	15.4	106.6	221.8	321.7	258.7	174.2	134.0	114.2	194.6
1984	89.3	120.8	160.0	99.5	80.7	183.8	100.4	51.4	148.3	151.1	76.3	75.2
1985	65.7	61.9	77.8	305.5	222.9	42.4	170.1	325.7	206.8	457.0	145.1	111.9
1986	303.3	81.6	80.8	39.5	103.8	262.1	130.0	47.5	229.8	134.2	135.9	8.4
1987	137.0	114.1	13.6	93.9	155.7	223.7	111.0	236.2	86.4	152.0	67.2	137.4
1988	27.6	103.2	353.8	302.8	211.4	164.2	130.8	148.9	360.0	142.9	66.7	83.4
1989	121.8	108.0	192.1	180.5	214.4	295.7	61.3	216.1	92.7	117.9	152.9	89.2
1990	37.0	41.5	51.8	172.7	251.0	102.1	215.6	202.3	228.6	182.3	134.5	65.6
1991	152.2	95.7										

Table 5.17 – 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 5.18 – AVERAGE RAINFALL AND NUMBER OF RAINY DAY, 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 5.19 – MONTHLY AND ANNUAL FREQUENCIES OF TROPICAL CYCLONES IN THE PHILIPPINE AREA OF RESPONSIBILITY: 1950 to 1990

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

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

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

Table 5.20 – NUMBER OF REGISTERED/RE-REGISTERED COOPERATIVES BY REGION AND BY TYPE: AS OF DECEMBER 1990

Region	Total	Multi Purpose	Cooperative Rural Bank	Area Marketing Cooperative	Credit
Philippines	8,620	3,419	32	66	2,469
NCR	54	46	0	0	5
CAR	0	0	0	0	0
Region 1	714	295	2	11	181
Region 2	839	353	3	3	250
Region 3	1,082	684	5	11	162
Region 4	2,162	398	2	8	1,020
Region 5	635	330	3	6	106
Region 6	640	254	4	6	173
Region 7	424	156	1	2	137
Region 8	456	273	1	3	83
Region 9	395	196	0	1	66
Region 10	335	87	5	6	106
Region 11	505	285	4	4	111
Region 12	379	62	2	5	69

Region	Consumer	Marketing	Producer	Services	Federation	Union
Philippines	1,158	609	380	288	129	70
NCR	1	0	1	0	0	1
CAR	0	0	0	0	0	0
Region 1	116	60	14	23	6	6
Region 2	70	55	87	5	10	3
Region 3	74	64	51	22	7	2
Region 4	370	124	56	116	53	15
Region 5	64	42	25	38	15	6
Region 6	117	44	13	19	8	2
Region 7	83	14	16	6	4	5
Region 8	43	25	12	8	5	3
Region 9	41	50	25	8	2	6
Region 10	62	29	12	18	2	8
Region 11	49	19	11	8	8	6
Region 12	68	83	57	17	9	7

Source: Bureau of Cooperatives and Agricultural Development.

Table 5.21 -- PRODUCTION, IMPORTATION AND CONSUMPTION OF FERTILIZERS: 1981 to 1990
(In thousand metric tons)

Year	Plant nutrients				Fertilizer products					
	Total	Nitrogen	Phosphorous	Potassium	Total	Urea	Ammosul/	NP & P	NPK	Potash
Production										
1981	99.0	41.1	38.2	19.7	265.3	_	31.5	92.7	141.1	_
1982	51.2	18.2	18.9	14.1	125.8	_	1.3	24.0	100.5	_
1983	64.3	23.6	24.0	16.7	164.3	_	7.4	36.4	120.5	_
1984	37.3	15.7	14.3	7.3	102.4	_	14.7	32.9	54.8	_
1985	204.1	88.9	109.7	5.5	499.7	_	149.5	310.9	39.3	_
1986	371.1	111.8	248.1	11.2	695.8	_	21.9	539.6	134.3	_
1987	365.5	122.9	195.5	47.1	374.0	_	10.2	214.7	149.1	_
1988	323.4	110.1	178.6	34.7	753.2	_	_	514.1	239.1	2.9
1989	362.6	127.0	191.0	44.6	809.3	_	_	513.9	295.4	4.2
1990	331.7	120.8	174.1	36.8	928.3	_	_	475.9	452.4	2.9
Importation										
1981	196.6	112.7	10.9	73.0	426.9	204.2	45.1	41.7	18.6	117.3
1982	322.6	221.6	29.0	72.0	765.3	364.9	151.5	94.6	43.6	110.7
1983	296.1	222.3	25.6	48.2	642.8	320.2	118.4	102.3	27.3	74.6
1984	255.3	178.1	33.5	43.7	622.4	283.3	113.4	86.4	87.1	52.2
1985	240.8	181.6	33.5	25.7	557.5	321.2	21.3	85.0	112.9	17.1
1986	357.6	305.5	10.3	41.8	855.6	553.9	187.0	29.0	30.0	55.7
1987	407.7	345.0	-	62.7	948.7	648.5	201.8	-	-	98.4
1988	450.0	380.5	1.6	67.9	1,058.3	725.3	220.7	3.5	-	112.3
1989	393.9	304.5	21.3	68.1	869.6	504.2	266.2	52.2	59.4	99.2
1990	457.7	354.4	19.3	84.0	1,027.2	608.1	289.7	46.3	34.4	129.4
Consumption										
1981	321.7	209.9	51.2	60.6	785.3	307.3	126.4	124.2	163.7	63.7
1982	346.3	232.8	56.1	57.4	846.0	342.2	140.3	143.1	161.6	58.8
1983	363.4	244.2	54.8	64.4	878.3	371.5	137.7	145.2	150.5	73.4
1984	262.0	178.0	45.4	38.6	720.0	256.3	178.6	116.8	134.3	34.0
1985	283.2	205.4	42.8	35.0	710.2	310.4	126.2	113.6	131.4	28.6
1986	390.4	298.3	45.8	46.3	925.8	490.3	159.4	111.7	123.5	40.9
1987	516.0	372.3	66.3	77.3	1,151.7	601.1	205.9	137.7	154.4	52.6
1988	523.3	393.3	76.8	53.2	1,221.9	591.8	192.9	204.3	183.8	49.1
1989	537.3	375.9	84.1	77.3	1,318.3	569.3	216.7	222.9	234.6	74.8
1990	586.7	400.4	104.8	81.5	1,436.9	580.3	226.4	276.0	285.5	68.7

Source: Fertilizer and Pesticide Authority.

6 ESTABLISHMENT CHARACTERISTICS: INDUSTRIAL SECTOR

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

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

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

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

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Table 6.1 – GENERAL STATISTICS FOR IN THE PHILIPPINES:

Year	Number of Establishments	Employment (Average for the Year)		Total Salaries and Wages (P1,000)
		Total	Number of Paid Employees	
1956	7,208	205,809	196,050	331,113
1960	7,221	248,781	239,605	471,074
1965	7,925	323,770	313,198	765,842
1970	10,496	403,874	389,008	1,296,450
1971	10,238	420,988	406,617	1,555,550
1973	13,055	537,944	522,078	2,091,135
1974	13,313	531,973	514,845	2,398,007
1976	78,476	810,178	702,366	4,074,233
1977	78,683	911,706	803,721	5,363,011
1979	85,105	1,054,575	940,958	6,721,522
1980	85,310	1,078,027	958,842	8,108,111
1981	85,257	1,097,868	982,056	9,691,407
1982	83,292	1,088,254	977,594	10,925,080
1983	5,733	700,895	694,879	10,406,945
1984	5,435	645,761	639,607	12,599,655
1985	5,369	623,671	618,335	14,478,441
1986	5,294	631,219	630,996	16,485,914
1987	5,000	675,206	671,051	20,392,490
1988	11,488	856,951	845,069	20,428,917

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

Source: National Statistics Office.

MANUFACTURING ESTABLISHMENTS
1956 to 1988

Value of Shipments (P1,000)	Cost of Materials Used, Contract Work and Cost of Resale (P1,000)	Capital Expenditures During the Year (P1,000)	Gross Output (P1,000)	Census Value Added (P1,000)
2,130,246	1,316,657	100,434	2,345,480	1,028,823
3,560,719	2,171,415	258,140	3,934,272	1,762,857
6,698,730	4,593,090	452,562	7,466,978	2,873,888
14,087,389	9,588,815	1,342,436	15,846,954	6,258,138
17,884,880	12,083,591	1,178,626	19,521,682	7,438,091
28,402,445	20,022,831	1,462,719	31,248,300	11,225,469
42,636,485	31,905,632	2,133,569	47,552,924	15,647,292
49,506,995	40,252,474	2,944,425	53,859,273	13,607,108
67,819,508	54,449,404	3,280,540	73,267,286	18,817,882
100,521,131	74,585,656	6,444,659	119,717,540	45,131,884
112,767,402	94,113,498	7,559,988	125,058,285	37,238,428
128,166,249	109,326,731	7,757,437	140,330,850	38,727,031
148,232,208	121,023,325	7,018,468	158,775,031	47,440,995
153,244,411	108,479,996	7,603,945	163,957,498	55,477,503
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	247,461,328	97,779,502
298,799,203	187,800,798	10,063,164	297,940,287	104,850,418
358,567,932	243,775,534	16,103,904	385,010,014	133,823,686

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

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

MANUFACTURING ESTABLISHMENTS,
GROUP: 1988
in thousand pesos)

Total Shipments	Total Costs	Census Value Added	Total Book Value of Fixed As of December	Capital Expenditures During the Year	
				Gross to Fixed Assets	New Fixed Assets
358,567,932	275,580,360	133,823,686	98,740,873	15,778,266	124,627,887
79,721,503	62,918,111	25,476,368	31,507,159	5,011,333	1,818,428
25,145,655	11,216,703	15,609,412	5,320,366	780,071	629,467
15,916,677	8,786,424	8,514,591	701,951	41,396	35,905
17,929,007	14,380,083	6,067,987	8,936,617	1,998,289	1,286,446
10,711,362	8,761,288	7,768,450	1,572,001	319,617	255,664
478,202	377,232	208,394	138,122	27,798	22,784
623,910	4,220,512	254,298	142,903	12,579	6,641
10,344,766	8,181,995	3,762,990	2,005,140	339,616	195,543
3,647,682	2,467,408	1,664,114	706,403	99,062	84,741
996,789	7,130,285	3,604,860	2,419,964	179,602	125,739
3,239,834	2,863,681	1,681,775	893,238	133,606	120,328
12,940,647	9,911,244	5,427,256	14,292,396	381,592	238,843
26,445,563	21,287,766	12,344,159	3,735,584	744,894	647,603
44,177,116	37,302,210	8,075,119	3,840,751	515,366	513,881
480,746	399,573	138,706	48,761	5,719	5,622
5,229,267	5,516,049	3,128,575	1,838,386	477,334	429,833

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

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

Note: Data are for establishments with 10 or more workers.
Source: National Statistics Office.

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

Total Shipments	Total Costs	Census Value Added	Total Book Value of Fixed As of December	Capital Expenditures During the Year	
				Gross to Fixed Assets	New Fixed Assets
6,325,443	5,028,431	2,251,327	1,121,135	188,571	155,582
752,215	418,705	462,887	346,556	71,806	55,669
2,937,470	1,377,383	1,782,109	894,180	183,731	143,926
5,552,143	3,958,402	1,921,092	3,888,616	116,071	100,291
1,715,785	1,239,357	969,694	731,327	113,846	78,604
18,873,804	16,147,579	5,115,119	9,098,252	3,196,882	3,156,141
10,348,613	9,535,581	3,029,505	10,261,123	208,616	203,272
5,301,344	4,632,527	1,914,541	1,178,813	179,503	146,578
2,727,573	2,357,546	1,024,261	741,233	179,637	138,495
24,298,396	19,646,681	7,560,587	5,116,773	1,878,636	1,592,738
7,224,642	7,402,695	2,510,282	2,180,429	297,343	208,044
174,495	194,251	227,209	126,621	14,117	9,492
90,373	72,036	48,725	95,864	5,541	2,603
2,183,440	1,648,623	1,279,293	353,456	76,623	53,885

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1988

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets
	Food (311 + 312)				Beverages and Tobacco (313 + 314)			
1976	27,688	167,134	12,267,860	439,775	1,179	41,497	4,681,511	96,628
1977	27,998	205,559	10,226,537	511,811	1,166	51,394	7,618,880	353,659
1979	29,256	217,113	28,285,664	549,138	1,114	53,909	8,253,616	432,725
1980	29,264	222,772	16,045,605	681,593	1,116	48,339	7,295,818	471,443
1981	29,287	235,114	26,285,664	946,951	1,122	51,867	12,836,484	437,571
1982	29,044	237,408	32,389,122	1,098,031	1,116	50,087	13,764,878	809,551
1983	1,505	131,239	34,210,166	1,563,672	120	45,835	14,501,731	528,686
1984	1,427	121,244	53,072,995	1,093,218	115	44,160	24,931,271	1,168,742
1985	1,331	128,096	49,168,574	958,354	114	42,629	27,251,698	880,682
1986	1,263	122,958	59,861,182	974,615	113	39,039	29,871,937	340,075
1987	1,163	133,304	69,594,016	1,083,783	105	40,345	35,126,920	739,673
1988	3,070	161,127	79,721,503	1,818,428	135	44,606	41,062,332	665,372
	Textiles (321)				Footwear and Wearing Apparel (322 + 324)			
1976	3,514	94,258	4,027,203	417,027	29,479	136,274	932,445	38,361
1977	3,542	115,439	5,338,321	322,277	29,786	131,844	501,536	39,237
1979	4,441	139,619	7,531,633	1,078,414	29,582	167,164	12,742,573	301,401
1980	4,470	136,271	8,176,850	1,008,010	29,543	162,879	2,488,193	128,594
1981	4,471	135,486	8,936,682	614,990	19,559	167,309	4,494,290	327,986
1982	4,361	309,789	9,391,198	521,723	28,227	160,054	3,763,510	94,717
1983	323	85,830	7,819,730	354,782	574	84,064	3,470,864	101,542
1984	300	65,702	10,471,552	177,270	541	95,521	5,067,417	116,884
1985	312	63,410	10,309,478	211,472	545	95,156	5,384,503	86,709
1986	305	70,686	11,583,593	319,445	550	100,589	6,899,065	122,632
1987	297	76,813	15,324,983	1,040,655	525	108,402	9,858,041	185,304
1988	547	89,499	17,929,007	1,286,446	1,997	151,749	11,334,272	262,305
	Leather (323)				Wood, Wood and Cork Products (331)			
1976	252	3,448	80,256	3,614	2,707	83,763	1,772,382	139,583
1977	235	3,662	98,838	3,412	2,325	73,667	1,905,526	82,561
1979	249	3,976	144,243	6,388	2,445	71,085	3,882,169	198,963
1980	249	4,352	171,768	9,660	2,432	77,284	4,524,652	226,628
1981	252	3,940	170,980	2,520	2,438	75,905	4,402,704	549,087
1982	250	4,175	181,196	2,586	2,369	65,937	3,661,147	181,230
1983	47	3,623	180,213	1,545	347	59,662	4,963,417	114,340
1984	53	2,750	213,992	3,413	299	49,065	5,622,880	247,817
1985	50	2,217	180,540	884	284	45,903	5,435,437	79,658
1986	41	2,200	195,236	1,334	270	44,667	6,240,852	125,555
1987	39	2,905	265,634	18,059	254	44,574	7,766,363	90,792
1988	120	5,167	478,202	22,784	682	56,433	10,334,766	195,543

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1988 (continued)

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets
	Furniture & Fixtures (332)				Paper and Printing (341 + 342)			
1976	2,713	22,580	262,912	11,236	1,506	35,304	2,595,690	102,865
1977	2,665	22,940	345,622	21,968	1,451	35,601	3,274,453	174,045
1979	3,455	35,680	851,636	36,189	1,592	42,852	5,171,864	337,644
1980	3,460	38,378	1,112,816	77,618	1,610	41,038	4,888,927	312,999
1981	3,459	37,176	995,326	25,925	1,612	41,188	4,783,538	180,982
1982	3,438	36,382	1,106,863	57,011	1,628	44,775	5,267,545	198,688
1983	301	19,321	788,725	36,565	451	28,498	5,078,895	149,661
1984	289	19,585	1,157,863	22,251	445	25,278	8,089,781	258,254
1985	276	19,928	1,180,431	29,308	453	24,825	7,852,343	38,135
1986	253	21,932	1,468,611	25,283	481	27,956	10,768,343	92,298
1987	231	27,056	2,077,762	53,086	472	28,526	10,814,285	220,143
1988	678	41,276	3,647,682	84,741	812	35,744	13,236,623	246,067
	Chemicals (351 + 352)				Petroleum and Coal (353 + 354)			
1976	380	34,067	4,591,481	329,240	13	1,236	8,682,992	44,090
1977	447	42,438	6,106,938	381,913	15	1,336	10,226,537	55,232
1979	487	39,341	9,592,103	455,106	17	2,152	13,638,777	98,051
1980	627	51,218	12,036,144	1,126,806	16	1,634	18,798,485	139,896
1981	501	43,855	11,535,001	977,790	16	2,090	22,934,035	139,214
1982	502	42,639	11,999,341	529,187	14	2,858	33,827,517	162,421
1983	286	34,782	13,706,008	393,607	12	2,429	31,630,225	119,856
1984	281	31,440	20,784,600	423,484	11	2,146	39,744,969	201,874
1985	294	32,589	22,560,709	1,065,958	12	2,697	40,472,504	441,496
1986	300	33,448	27,065,689	594,131	12	2,746	38,348,185	379,191
1987	295	33,885	22,769,041	629,353	11	2,833	44,587,101	1,120,787
1988	416	40,579	39,386,210	886,446	20	2,983	44,657,862	519,503
	Rubber Products (355)				Other Non–metallic Minerals (369)			
1976	300	14,457	817,889	112,234	1,352	15,941	1,613,306	232,106
1977	272	11,601	913,971	26,086	1,345	29,697	1,687,435	99,716
1979	775	19,861	1,780,520	60,430	1,674	21,168	921,136	108,056
1980	766	26,408	1,886,597	69,037	1,679	20,114	1,098,238	450,162
1981	772	32,429	2,449,391	98,158	1,678	19,046	982,724	61,850
1982	768	31,144	2,694,964	61,733	1,685	19,178	936,595	53,196
1983	107	17,498	2,026,735	37,088	184	12,179	997,117	35,696
1984	102	17,382	2,883,480	70,142	174	10,308	1,524,095	34,598
1985	107	17,917	2,823,173	133,766	155	7,491	947,289	13,069
1986	112	18,556	3,337,289	84,762	144	7,630	1,048,588	20,124
1987	106	22,713	4,313,656	95,040	189	21,440	8,121,401	219,109
1988	174	26,181	5,229,267	429,833	353	11,219	1,715,785	78,604

Table 6.3 – SELECTED CHARACTERISTICS OF MANUFACTURING ESTABLISHMENTS BY INDUSTRY: 1976 TO 1988 (continued)

(Value and expenditures are in thousand pesos)

Year	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets	No. of Establish-ments	Total Employ-ment	Value of Shipments	Expenditures on New Fixed Assets
	Basic Metals (371 + 372)				Metal Products (381)			
1976	143	15,638	2,478,326	59,458	3,411	34,176	1,297,275	40,085
1977	146	14,992	2,528,643	131,773	3,218	30,953	1,324,858	43,053
1979	311	22,151	3,853,554	130,244	4,732	41,769	2,667,189	76,529
1980	315	22,687	4,682,767	226,395	4,744	42,671	2,624,255	89,272
1981	319	21,993	4,685,575	149,669	4,743	41,030	2,858,920	82,153
1982	321	22,383	4,347,440	114,605	4,675	41,015	3,169,046	130,211
1983	152	21,007	10,461,703	231,841	291	19,379	2,454,681	50,230
1984	138	19,851	16,901,256	532,881	282	18,909	4,541,305	79,111
1985	139	18,341	15,005,692	901,100	262	14,680	3,769,161	64,458
1986	138	18,284	19,271,886	1,610,809	266	16,732	3,595,450	45,752
1987	121	16,961	22,603,885	744,421	258	18,358	4,363,350	81,958
1988	162	18,125	29,222,417	3,359,413	483	21,733	5,301,344	146,578
	Machinery (382)				Electrical Machinery (383)			
1976	914	19,467	464,995	38,264	211	26,328	1,313,773	75,705
1977	949	19,829	239,730	37,512	229	38,937	1,861,786	134,441
1979	1,226	23,575	738,016	83,968	279	48,831	3,403,044	301,752
1980	1,235	28,227	1,176,290	83,376	293	49,405	4,372,470	337,783
1981	1,236	27,824	1,342,206	56,724	296	60,286	4,199,220	308,948
1982	1,224	26,816	1,785,305	50,071	295	55,141	6,290,112	374,781
1983	322	16,541	837,080	31,775	152	52,960	8,201,664	531,904
1984	307	13,043	1,443,346	31,900	139	50,481	1,222,445	1,008,443
1985	328	13,603	1,691,627	31,703	148	37,608	10,806,309	584,085
1986	316	12,667	1,552,815	28,781	159	40,085	14,102,432	709,887
1987	299	12,634	2,483,404	37,475	151	43,372	18,952,019	1,379,508
1988	552	18,576	2,727,573	138,495	214	54,374	24,298,396	1,592,738
	Transport Equipment (384)				Miscellaneous (390)			
1976	740	24,139	2,127,402	85,490	1,242	14,632	141,626	13,225
1977	753	33,640	3,591,835	145,044	1,129	11,418	185,144	3,092
1979	882	34,017	4,366,263	240,962	1,355	18,509	579,021	8,735
1980	891	38,115	4,982,121	220,694	1,362	18,545	735,479	21,694
1981	890	33,184	3,986,983	127,914	1,360	15,897	653,469	9,230
1982	792	34,962	5,508,327	79,699	1,349	19,979	1,014,324	29,456
1983	178	22,255	5,190,746	144,277	132	8,732	570,035	19,965
1984	162	13,943	3,014,376	27,862	134	14,615	907,202	37,921
1985	161	12,194	2,545,689	39,250	142	15,563	1,070,746	49,641
1986	160	11,690	2,606,489	42,144	141	14,573	1,218,468	34,282
1987	145	11,708	4,360,695	87,743	138	12,722	1,404,390	26,792
1988	230	14,053	7,224,642	208,044	385	24,451	2,183,440	53,885

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

Source: National Statistics Office.

Figure 6.1
GROSS VALUE OF OUTPUT OF
ALL MANUFACTURING ESTABLISHMENTS, 1979-1988

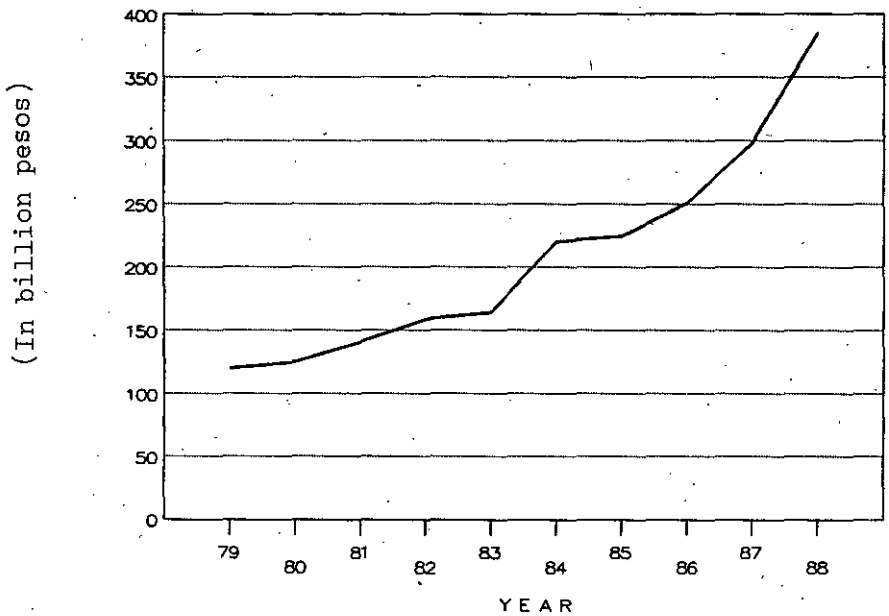

Figure 6.2
INDEX OF VALUE OF PRODUCTION OF
KEY MANUFACTURING ENTERPRISES, 1990-1991

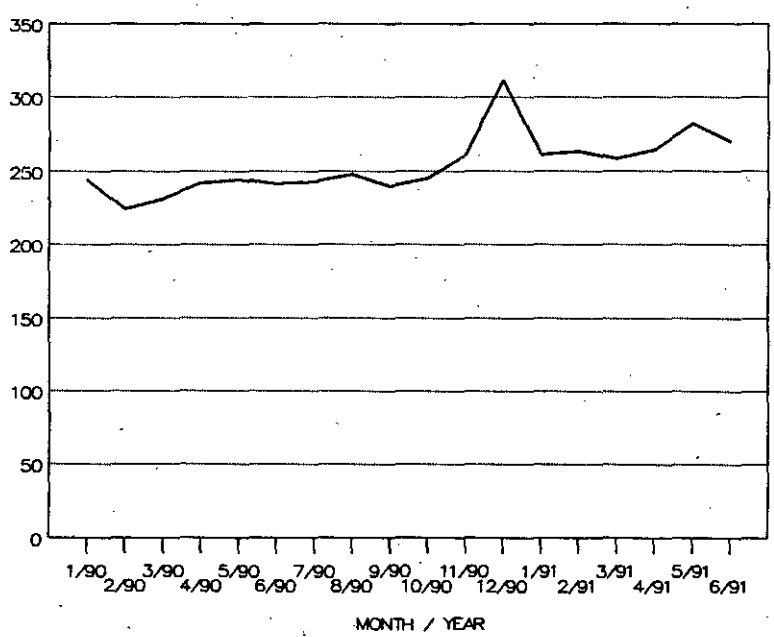

Table 6.4 – SUMMARY OF GROSS VALUE ESTABLISHMENTS

(In million

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

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

Source: National Statistics Office.

OF OUTPUT OF MANUFACTURING
BY INDUSTRY: 1970 to 1988
pesos)

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

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
1988								
January	128.5	136.4	130.2	114.0	156.7	137.0	84.3	100.6
February	144.1	144.3	126.5	114.6	172.9	164.8	105.8	158.7
March	150.5	159.0	140.0	101.3	198.8	150.4	97.8	146.8
April	142.1	138.2	132.8	116.1	171.2	134.5	100.7	138.4
May	148.1	153.8	141.8	106.5	188.5	147.4	108.1	153.9
June	158.1	161.7	122.4	107.8	186.6	170.0	103.5	148.5
July	159.1	151.3	125.7	103.2	192.9	180.7	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	157.1	157.0	186.9	128.2	147.9	155.1	93.3	189.9
February	162.7	161.9	132.0	100.7	156.4	173.4	107.9	165.5
March	170.3	160.1	142.5	103.2	143.0	187.2	96.2	158.3
April	182.1	167.0	148.4	115.2	192.2	189.8	113.6	192.9
May	179.0	162.5	157.4	115.4	189.9	198.5	116.3	197.3
June	186.9	170.1	150.8	147.3	201.9	220.3	113.7	247.8
July	187.6	161.7	140.3	118.8	215.4	243.6	113.1	200.0
August	194.4	154.0	149.1	133.3	233.7	237.6	118.7	213.9
September	191.6	161.2	143.2	107.6	222.8	260.5	128.3	197.7
October	193.1	175.2	152.0	112.2	209.4	241.0	139.1	156.9
November	194.6	179.6	166.1	107.0	194.7	238.1	106.9	187.5
December	174.1	154.4	167.0	96.9	174.3	257.8	105.1	223.3
1990								
January	178.1	169.5	169.6	106.0	178.2	217.8	99.6	239.3
February	195.8	178.0	161.3	102.6	207.7	270.2	118.8	253.5
March	209.6	186.9	200.1	121.4	234.4	220.3	149.5	313.8
April	177.3	165.6	179.4	87.2	190.6	181.9	143.3	238.4
May	189.2	161.8	204.0	125.9	206.9	197.2	152.7	237.7
June	199.9	175.9	186.7	122.4	187.7	216.8	154.2	276.9
July	198.9	178.3	180.5	109.0	185.5	194.3	160.3	254.9
August	200.4	174.8	177.8	126.9	189.5	203.8	171.2	235.4
September	202.3	173.5	174.4	100.5	173.6	198.8	167.7	222.3
October	214.6	181.5	177.3	105.0	184.6	224.8	178.4	247.4
November	216.9	183.9	179.0	113.3	191.2	215.0	163.8	279.7
December	219.9	184.7	187.2	136.8	192.4	225.2	161.1	255.0
1991								
January	225.0	188.6	161.8	137.4	182.9	224.0	186.1	202.5
February	221.6	198.1	131.5	119.4	190.3	206.2	189.9	269.1
March	244.2	198.1	178.2	99.4	181.6	228.1	181.6	196.8
April	227.1	196.3	153.3	92.6	199.2	240.3	177.9	281.1
May	237.4	199.7	165.0	131.9	201.6	233.2	205.9	253.2
June	230.7	196.1	203.3	127.0	225.1	231.1	179.8	230.5

Note: Data are as of the June 1991 publication of Industry Trends.

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

MANUFACTURING ENTERPRISES BY INDUSTRY: 1988 TO 1991
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
162.3	90.5	118.9	87.7	143.8	171.0	284.6	116.8	31.6
123.8	113.2	151.8	70.5	153.9	215.9	409.9	150.5	43.8
127.6	116.2	149.8	66.7	160.4	206.3	403.4	188.5	45.7
142.2	113.9	140.1	74.6	140.1	197.4	432.4	157.5	41.6
132.1	106.3	152.1	64.1	157.3	205.5	428.7	181.5	37.3
139.7	113.3	142.7	88.5	140.4	195.1	456.7	200.6	47.3
132.5	114.8	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
136.7	109.9	135.8	75.5	154.7	242.9	607.7	148.6	36.2
138.8	114.0	143.4	56.6	147.3	253.9	678.9	180.8	41.5
155.0	117.8	134.6	70.5	166.5	276.8	700.8	191.0	40.2
157.3	119.1	152.2	74.2	171.3	284.0	834.3	180.0	39.8
146.9	117.4	141.2	91.1	167.2	302.7	753.7	150.0	39.6
152.2	134.9	164.7	81.9	173.8	322.7	713.2	186.3	46.5
161.0	130.6	172.5	82.6	160.8	290.4	789.6	186.4	49.1
168.8	134.3	186.3	81.4	181.5	313.3	918.2	174.6	47.0
164.4	127.3	173.9	70.5	173.8	302.1	902.8	171.7	49.1
162.0	131.4	170.8	61.0	174.6	313.6	937.3	167.9	41.6
157.8	129.9	156.9	91.9	184.3	299.5	901.3	157.2	42.6
148.1	126.2	138.9	106.2	165.8	255.5	614.1	145.8	38.0
160.0	129.5	150.3	106.4	196.2	165.4	800.5	144.4	48.9
107.2	136.2	170.9	91.9	200.4	247.2	844.3	184.1	47.1
111.5	120.7	178.4	113.9	211.0	250.2	967.4	198.9	53.1
104.8	130.6	123.6	115.1	187.4	239.7	571.0	169.9	36.6
163.9	130.4	155.1	100.1	196.9	283.7	721.0	192.8	62.2
158.4	133.9	163.3	104.1	192.7	259.5	850.3	219.7	68.3
167.9	143.5	184.0	104.2	177.8	307.1	831.1	187.6	58.7
176.8	133.4	184.1	101.4	189.3	290.7	882.5	194.4	60.7
174.2	130.7	173.5	123.4	179.1	280.8	966.0	168.5	63.4
188.2	130.6	182.3	171.9	208.6	289.9	736.3	220.6	69.3
179.1	133.0	194.1	116.3	210.0	348.2	950.7	220.7	63.2
158.3	142.7	183.2	168.5	217.0	318.9	792.8	225.6	59.2
182.9	142.7	184.7	175.1	311.4	317.1	748.8	235.6	64.3
191.8	147.7	214.1	152.2	284.4	301.2	658.4	280.8	74.9
186.6	139.6	203.9	181.1	313.5	406.5	906.8	256.4	83.8
207.5	152.6	202.2	148.8	209.3	351.0	728.5	272.0	72.3
207.8	147.2	226.6	157.1	221.9	294.3	914.9	297.3	63.5
185.1	148.8	186.2	116.1	243.2	316.0	930.4	295.4	62.2

Table 6.6 – INDEX OF EMPLOYMENT OF KEY
(1985

Year/ Month	Total Manufac-turing	Food	Beverage	Tobacco	Textile	Wearing Apparel	Wood and Wood Products	Furniture and Fixtures
1988								
January	107.7	106.4	109.7	93.1	118.8	119.4	68.1	116.7
February	110.8	126.1	126.1	97.8	119.2	121.3	66.4	119.0
March	110.8	112.5	112.5	99.1	123.2	122.4	66.4	121.7
April	110.3	114.3	114.1	101.7	120.0	122.6	66.1	118.5
May	110.5	114.0	155.4	102.8	120.1	123.5	65.4	119.6
June	109.8	111.4	119.1	103.2	120.3	121.7	66.0	121.2
July	109.8	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	110.1	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	114.7	122.2	119.1	99.0	120.4	125.2	63.8	148.4
April	115.5	121.8	115.5	102.2	121.4	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	115.3	122.3	119.8	95.5	120.0	130.9	57.5	110.5
1990								
January	115.4	121.7	119.5	95.3	123.3	124.9	57.2	142.9
February	115.7	122.4	119.4	95.5	122.8	123.8	56.7	144.7
March	115.3	121.9	118.1	97.9	121.1	120.9	58.5	146.8
April	115.5	122.0	117.9	98.9	120.1	121.8	58.0	146.8
May	115.6	122.2	118.3	101.7	119.0	121.8	58.4	147.4
June	114.7	119.1	117.5	96.9	117.7	123.0	59.4	142.4
July	114.5	121.5	116.6	95.7	118.0	121.0	58.7	143.0
August	113.6	120.0	117.1	91.8	116.9	120.8	58.7	145.0
September	112.4	119.5	115.8	92.3	116.4	115.1	58.5	134.7
October	110.9	119.6	117.8	91.7	109.9	111.3	58.1	134.1
November	109.5	120.2	117.1	91.7	109.5	110.8	57.1	100.0
December	109.0	120.2	115.9	92.9	105.3	109.7	59.7	100.6
1991								
January	108.4	120.1	117.3	94.2	103.2	110.6	58.4	107.2
February	107.3	120.8	112.0	91.2	98.8	111.0	58.6	106.0
March	106.1	117.3	115.8	91.9	97.9	110.5	60.0	85.4
April	106.3	118.6	112.4	89.6	96.1	114.3	60.5	84.7
May	106.7	118.7	124.2	89.0	95.6	114.2	58.4	84.0
June	104.8	119.4	123.4	86.4	96.7	107.5	57.5	79.2

Note: Data are as of the June 1991 publication of Industry Trends.

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

MANUFACTURING ENTERPRISES BY INDUSTRY: 1988 TO 1991
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
101.8	112.8	107.1	97.8	131.0	113.0	175.2	78.3	56.8
97.4	110.7	109.8	97.5	128.5	113.6	184.8	78.9	22.9
148.5	111.4	109.3	96.4	132.4	114.2	188.5	79.6	22.5
104.0	111.6	109.4	95.2	132.3	114.2	192.6	80.3	22.6
103.8	112.4	110.9	95.3	125.6	114.1	197.1	81.7	22.8
101.8	110.8	109.3	95.2	124.4	111.6	196.5	81.7	25.3
102.7	110.9	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	142.8	114.3	224.4	83.3	15.7
107.3	109.9	112.1	96.1	146.3	114.3	228.0	84.1	15.7
107.8	112.4	113.1	96.0	147.9	116.2	237.0	84.4	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
108.5	112.8	100.9	95.9	146.2	121.2	264.9	84.6	14.1
109.3	113.8	98.6	94.9	150.6	121.1	269.4	84.9	14.1
110.4	114.1	96.4	93.9	151.7	121.4	266.7	85.4	14.5
109.9	114.5	95.4	93.5	152.3	120.7	270.3	86.7	13.8
110.0	113.6	96.0	93.3	141.0	119.7	268.6	87.0	17.2
106.3	112.3	96.6	92.9	138.6	119.2	275.3	87.2	17.1
105.7	112.2	97.7	92.5	134.8	119.1	277.4	86.8	15.6
105.1	111.8	97.7	93.0	129.5	119.3	272.0	87.0	15.1
105.8	112.7	96.8	92.8	127.5	119.0	275.3	87.5	15.1
104.4	113.0	96.5	92.7	123.5	119.2	278.1	87.3	14.8
103.1	113.1	96.7	92.6	125.9	118.6	272.2	86.7	14.9
105.6	110.2	96.8	92.7	127.1	118.1	276.0	85.9	15.0
99.0	109.0	94.7	92.9	127.6	119.1	271.3	85.6	17.2
99.2	109.6	93.5	92.8	123.7	117.5	269.0	85.7	17.2
99.6	109.5	94.0	92.7	123.3	116.2	268.0	83.7	17.2
99.6	110.9	93.6	93.9	123.0	115.9	269.5	81.1	17.2
100.6	109.8	93.3	94.3	127.8	116.2	269.3	81.2	16.7
99.4	111.5	93.4	94.2	128.9	115.2	245.4	80.6	15.3

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
1988								
January	161.9	153.0	213.6	128.9	175.7	156.1	93.7	144.6
February	164.8	168.5	227.1	133.2	173.8	152.0	95.5	142.3
March	172.0	170.9	263.2	149.4	185.4	151.4	95.4	160.0
April	175.3	180.9	279.1	145.9	185.3	153.7	103.4	153.4
May	176.5	175.0	239.1	162.1	186.7	155.7	94.0	177.7
June	183.9	184.2	271.5	160.9	186.5	178.0	98.3	165.7
July	170.4	160.4	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	195.6	203.1	259.8	167.9	183.5	168.6	93.1	183.4
April	204.8	214.0	327.3	161.7	196.0	182.7	100.3	201.4
May	206.2	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	219.4	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	231.0	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	311.8	323.4	588.0	281.4	278.1	265.5	137.5	195.1
1990								
January	244.1	223.9	470.9	169.3	238.2	239.2	112.3	212.2
February	224.6	207.8	271.8	184.1	251.1	238.7	102.9	202.2
March	231.4	219.3	284.5	194.0	258.8	232.6	109.8	229.2
April	242.2	250.0	405.2	156.1	262.1	233.2	118.1	221.3
May	244.4	241.0	294.2	212.8	257.2	236.4	119.7	217.4
June	241.7	201.7	295.0	191.0	244.3	253.9	124.6	221.9
July	243.1	218.7	292.4	180.1	254.3	230.4	125.5	223.8
August	247.7	219.9	312.8	206.3	246.9	235.0	124.4	201.0
September	239.7	221.8	308.4	177.2	242.8	238.4	130.8	188.3
October	245.0	217.3	309.4	156.3	227.2	231.9	135.1	207.2
November	261.0	235.7	313.1	202.3	239.3	249.6	118.9	201.5
December	311.4	258.2	324.0	293.6	263.4	297.3	200.1	313.6
1991								
January	261.0	244.5	351.2	226.0	237.6	242.0	127.5	252.4
February	263.4	255.2	334.0	209.2	231.7	250.5	129.6	268.9
March	258.3	242.5	349.2	197.4	226.7	245.3	133.9	236.0
April	264.3	268.8	375.7	200.3	220.6	236.2	139.2	218.7
May	281.7	272.0	379.8	234.5	241.3	241.5	136.6	226.7
June	269.9	266.0	350.9	205.7	247.0	270.6	141.2	218.8

Note: Data are as of the June 1991 publication of Industry Trends.

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

MANUFACTURING ENTERPRISES BY INDUSTRY: 1988 TO 1991
= 100)

Paper and Paper Products	Chemicals & Chemical Products	Rubber Products	Petroleum Products	on-metalli Mineral Products	Basic Metals	Transport Equipment	Electrical Machiner	Miscella-neous
152.6	162.7	149.0	118.6	184.2	229.7	232.7	140.4	27.8
157.2	170.8	152.0	121.2	186.1	174.9	245.6	144.1	33.4
148.5	178.1	162.0	132.2	187.7	182.2	256.6	152.7	37.8
158.4	173.2	162.7	131.1	212.1	181.6	236.7	157.4	24.2
160.1	186.4	175.7	157.9	190.0	191.7	269.0	162.8	21.7
164.3	181.4	172.3	125.8	209.3	205.3	290.1	162.1	25.4
155.5	169.5	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	192.4	150.0	149.7	219.1	198.2	477.1	169.1	16.3
189.5	193.3	168.2	152.3	243.9	210.5	375.0	175.2	16.8
150.9	230.4	172.4	150.9	246.2	218.2	406.6	189.8	17.5
172.8	196.1	165.2	141.8	256.6	219.2	370.2	188.9	17.5
168.0	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	282.3	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
292.6	279.6	314.4	198.7	350.4	288.5	651.1	248.2	35.5
157.9	212.0	155.8	150.1	261.4	263.3	456.6	202.4	20.5
146.8	221.2	154.6	143.6	266.4	273.3	482.3	210.9	20.3
150.5	222.1	165.7	162.1	283.3	304.6	264.1	219.3	20.8
157.6	215.4	152.7	153.2	390.9	267.8	416.0	224.7	20.0
158.9	246.2	161.2	157.8	263.2	292.4	541.6	223.5	34.9
165.7	240.5	166.5	233.6	297.9	276.2	559.2	237.4	35.4
163.5	242.9	171.2	172.9	287.7	293.6	560.9	238.2	35.3
162.9	239.5	172.9	224.1	251.1	296.6	652.4	234.0	33.6
161.1	240.0	163.8	147.2	275.9	293.6	515.1	239.6	32.1
162.1	242.3	166.8	169.7	269.3	303.6	658.7	230.6	33.1
163.3	252.3	173.4	183.5	308.0	305.2	750.3	246.7	34.3
181.1	282.9	176.4	192.1	340.8	361.9	999.0	321.4	46.3
169.1	265.0	185.3	187.1	282.7	337.2	615.8	239.9	35.7
171.8	264.7	205.6	187.3	280.8	348.7	618.3	243.9	41.4
173.7	260.9	217.8	187.9	296.7	319.7	560.8	261.7	43.9
168.1	256.7	211.4	211.8	291.4	354.3	584.6	254.2	37.8
180.0	270.9	218.6	240.9	305.5	410.0	698.6	258.9	50.2
179.6	267.2	191.6	192.6	306.1	351.0	587.1	249.2	41.5

Table 6.8 – MINING PRODUCTION: (Quantity in thousands;

Mineral/Mineral Products	Unit Used	1981 Quantity	1981 Value	1982 Quantity	1982 Value
TOTAL			9,771,792		8,914,906
METALLICS			8,335,351		7,141,636
Precious Metals			2,794,754		2,773,140
Gold 1/	KG	23.6	2,642,455	26.0	2,651,340
Silver 1/	KG	62.9	152,299	61.7	121,800
Base Metals			5,540,597		4,368,496
Chromite:					
Chemical Grade	DMT	-	-	-	-
Metallurgical Concentrate	DMT	138.5	84,340	112.6	63,060
Metallurgical Ore	DMT	17.7	11,803	29.6	16,406
Refractory Ore	DMT	283.0	175,303	179.0	149,077
Cobalt Metal	MT	1.0	338,786	0.5	101,013
Copper:					
Concentrate	DMT	1,120.4	3,781,862	1,060.7	3,446,323
Metal 2/	MT	302.3		292.1	
Iron Ore	DMT	5.7	969	5.6	908
Manganese	DMT	3.1	1,056	1.6	560
Nickel					
Beneficiated Ore	DMT	345.3	82,886	368.8	576,930
Metal 2/	MT	29.3 a/	1,026,458 a/	19.6	
Zinc:					
Concentrate	DMT	10.5	23,849	6.0	9,845
Metal 2/	MT	5.3		3.0	
Other Metals			13,284		4,374
NON-METALLICS			1,436,441		1,773,270
Bentonite	MT	...	...	...	...
Cement Raw Materials					
Limestone	MT	...	...	...	...
Shale Clay	MT	...	...	...	...
Silica Sand	MT	...	...	...	...
Gypsum	MT	...	...	...	...
Coal	MT	318.2	63,834	556.8	189,300
Salt	MT	355.3	213,173	364.4	218,650
Silica Sand	MT	472.3	21,687	564.6	36,130
Sand and Gravel	Cu. M	13,272.9	691,044	14,797.0	858,240
Others			446,702		470,950
Cement 3/	Bags	102,240.0	2,107,350	108,743.0	2,386,840

a/ Nonoc Mining and Industrial Corporation only.
1/ Includes small scale and panning.
2/ Metal equivalent, thus its value is equivalent to the value of its concentrate
3/ Value for cement is excluded in the total mineral production, instead, value for cement raw materials are considered. Cement in the National Account is classified under the manufacturing sector.
ss – Included in Silica Sand.
Source: Mines and Geo-Sciences Bureau, DENR

1981 TO 1990
Value in thousand pesos)

1983		1984		1985	
Quantity	Value	Quantity	Value	Quantity	Value
	11,229,124		13,885,920		17,855,699
	8,860,264		10,806,321		14,392,083
	4,124,325		4,971,710		6,274,123
26.1	3,907,180	25.7	4,772,591	33.1	6,087,879
56.7	217,145	49.0	199,119	52.4	186,244
	4,735,939		5,834,611		8,117,960
-	-	5.4	5,988	15.0	18,011
111.8	74,438	105.4	110,116	79.1	131,736
24.5	17,494	17.7	21,152	43.3	55,700
130.6	162,055	132.5	217,994	134.6	221,471
0.2	22,934	0.1	26,232	0.9	334,249
1,009.3	4,046,609	859.9	4,970,065	841.3	5,629,951
271.4		233.4		222.2	
2.6	518	-	-	-	-
2.2	628	0.6	193	0.4	103
350.2	399,976	441.5	175,726	483.8	239,128
13.9		13.6	290,664	28.2	1,473,477
4.5	8,677	4.2	16,481	3.8	14,134
2.3		2.2		1.9	
	2,609		-		-
	2,368,859		3,079,600		3,463,616
...	...	...	...	...	...
5,105.9	145,810	3,333.4	153,430	2,864.9	142,240
397.9	10,520	372.1	10,540	363.8	15,540
ss	ss	ss	ss	ss	ss
0.5	120	0.6	150	0.3	70
1,019.6	392,544	1,216.4	1,133,674	1,258.9	1,509,457
381.9	318,133	401.0	340,857	421.1	365,200
482.8	69,510	432.3	46,660	439.0	27,700
15,093.3	1,022,343	14,583.9	1,142,169	11,134.6	1,070,919
	409,880		252,120		332,490
109,575.4	2,642,590	91,269.8	3,789,890	76,991.9	3,273,160

Table 6.8 – MINING PRODUCTION: (Quantity in thousands;

Mineral/Mineral Products	Unit Used	1986 Quantity	1986 Value	1987 Quantity	1987 Value
TOTAL			18,272,870		19,506,337
METALLICS			14,727,040		16,153,088
Precious Metals			8,569,330		9,584,199
Gold 1/	KG	35.4	8,394,770	32.8	9,352,272
Silver 1/	KG	51.5	174,560	53.5	231,927
Base Metals			6,157,710		6,568,889
Chromite:					
Chemical Grade	DMT	15.9	21,140	19.8	26,594
Metallurgical Concentrate	DMT	70.6	118,990	48.5	99,956
Metallurgical Ore	DMT	43.7	48,080	21.4	23,863
Refractory Ore	DMT	72.0	141,210	99.0	124,706
Cobalt Metal	MT	0.1	33,450	-	-
Copper:					
Concentrate	DMT	824.9	5,460,590	817.6	6,141,259
Metal 2/	MT	217.0		214.1	
Iron Ore	DMT	15.0	1,360	-	-
Manganese	DMT	0.8	450	0.4	178
Nickel					
Beneficiated Ore	DMT	504.9	321,860	367.9	145,230
Metal 2/	MT	12.7		8.5	
Zinc:					
Concentrate	DMT	3.2	10,580	2.3	7,104
Metal 2/	MT	1.6		1.1	
Other Metals			-		-
NON-METALLICS			3,545,830		3,353,249
Bentonite	MT	...	...	...	...
Cement Raw Materials					
Limestone	MT	3,598.0	95,090	3,926.3	93,584
Shale Clay	MT	371.5	11,290	522.6	9,221
Silica Sand	MT	67.8	5,400	101.3	13,388
Gypsum	MT	13.1	6,790	16.3	9,587
Coal	MT	1,235.5	1,149,010	1,169.2	931,030
Salt	MT	442.1	391,130	466.4	412,647
Silica Sand	MT	246.0	24,090	213.4	37,844
Sand and Gravel	Cu. M	12,480.8	1,221,340	13,782.7	1,391,984
Others			641,690		453,963
Cement 3/	Bags	68,713.6	2,037,100	83,001.5	2,900,560

1981 TO 1990
Value in thousand pesos)

1988		1989		1990	
Quantity	Value	Quantity	Value	Quantity	Value
	22,379,976		23,167,574		23,615,530
	17,636,555		17,289,462		17,625,384
	9,069,460		8,120,335		8,586,991
30.5	8,843,912	30.0	7,925,185	29.2	8,415,683
54.6	225,548	50.6	195,150	47.5	171,308
	8,567,095		9,169,127		9,038,393
15.2	22,239	18.4	29,709	20.2	32,637
36.5	88,180	31.1	64,587	51.2	100,829
31.4	35,004	105.2	109,187	61.8	80,058
87.9	159,316	93.0	184,639	101.4	234,115
-	-	-	-	-	-
824.2	7,952,916	743.6	7,948,106	703.1	7,880,169
216.5		191.9		182.0	
-	-	6.5	281	3.9	155
2.3	846	3.0	601	14.6	23,630
444.6	293,858	658.4	812,043	608.1	686,063
10.4		15.4		15.8	
3.0	14,737	2.5	19,974	0.1	738
1.4		1.2		0.1	
	-		-		-
	4,743,420		5,878,113		5,990,146
...	...	6.0	8,937	16.5	11,918
3,600.0	287,664	3,831.3	148,175	3,837.0	149,645
860.0	38,700	792.5	28,774	862.4	33,425
125.0	8,843	397.1	22,239	334.4	18,724
2.3	878	2.0	1,600	2.0	1,600
1,335.7	1,028,479	1,344.7	1,042,124	1,186.5	1,008,551
492.1	1,043,395	488.7	1,800,842	490.4	1,801,343
312.0	36,341	184.9	17,011	292.5	36,450
14,842.3	1,706,861	15,140.1	2,074,197	15,672.7	2,194,174
	592,260		734,214		734,315
107,481.4	3,729,310	151,243.1	9,830,799	157,687.9	10,856,024

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

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1971	14,963	2,486	443,047	9,193	1,358	230,248
1972	19,589	2,746	529,811	12,519	1,474	263,505
1973	20,668	2,656	589,428	10,956	1,328	296,737
1974	16,736	2,566	996,968	8,742	1,048	354,130
1975	19,133	3,712	2,174,875	10,717	1,667	723,164
1976	41,927	5,216	2,370,228	26,539	2,553	931,289
1977	36,723	4,036	2,286,845	23,216	2,053	939,276
1978	26,828	4,142	2,963,098	14,909	1,830	1,154,953
1979	41,717	6,204	5,224,919	21,753	2,689	2,107,189
1980	39,104	5,881	5,734,241	21,966	2,552	2,339,109
1981	38,805	5,489	6,310,570	23,922	2,477	2,496,437
Metropolitan Manila Area (National Capital Region)	12,568	2,494	3,331,688	7,910	1,130	1,333,200
Region 1	2,060	197	197,581	1,171	106	93,184
Region 2	923	116	101,342	517	50	42,806
Region 3	3,285	455	569,620	2,469	211	199,632
Region 4	4,040	663	695,510	2,856	260	245,374
Region 5	1,103	141	128,978	598	56	49,330
Region 6	1,721	273	247,976	1,091	99	86,799
Region 7	2,431	226	238,382	1,407	123	99,189
Region 8	1,283	110	90,780	897	58	43,803
Region 9	1,022	115	106,939	589	55	41,778
Region 10	2,807	247	202,306	1,292	107	76,877
Region 11	4,396	336	292,877	2,512	167	142,727
Region 12	1,166	116	106,592	613	54	41,738
1982	39,622	5,178	6,042,597	26,352	2,748	2,967,680
Metropolitan Manila Area (National Capital Region)	16,043	2,749	3,111,117	11,092	1,505	1,812,336
Region 1	1,715	168	938,584	1,021	87	77,939
Region 2	619	84	69,120	439	40	35,415
Region 3	3,361	412	387,647	2,744	234	239,595
Region 4	3,863	390	338,418	2,875	251	277,689
Region 5	852	170	123,215	472	46	42,766
Region 6	1,219	171	143,546	805	86	76,409
Region 7	2,732	229	184,883	1,466	130	103,597
Region 8	1,067	103	84,761	684	53	41,050
Region 9	732	85	57,487	395	32	26,250
Region 10	2,050	188	176,000	930	81	59,659
Region 11	4,502	332	302,980	2,942	159	139,196
Region 12	867	97	74,849	487	44	35,779

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1971 TO 1990
area in thousand square meters)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1,897	909	175,545	3,873	219	37,254
2,419	1,057	224,183	4,651	215	42,123
3,079	1,005	228,730	6,633	323	63,961
2,970	1,233	543,556	5,024	285	99,282
3,395	1,714	1,316,066	5,021	331	135,645
6,517	2,104	1,218,561	8,871	559	220,378
4,817	1,571	857,259	8,690	416	490,310
3,981	1,920	1,419,724	7,938	394	388,422
5,342	2,820	2,571,992	14,622	695	545,738
5,453	2,806	2,802,780	11,685	521	592,351
5,622	2,705	3,306,400	9,261	307	507,733
1,251	1,194	1,712,300	3,407	170	286,188
220	77	75,663	669	14	28,734
290	62	53,899	116	4	4,637
531	220	331,428	285	24	38,561
529	380	423,088	655	23	27,048
315	77	71,244	190	8	8,409
375	163	147,506	255	11	13,675
327	89	103,296	697	14	35,893
225	48	38,035	161	4	8,932
189	55	57,034	244	5	8,128
489	128	106,939	1,026	12	18,490
611	156	130,658	1,273	13	19,493
270	57	55,310	283	6	9,545
4,203	2,159	535,887	9,067	271	535,887
1,225	1,216	343,785	3,469	178	343,785
182	67	17,148	519	10	17,148
113	39	2,755	357	1	2,755
371	159	16,205	257	10	16,205
396	123	35,066	605	18	35,066
156	46	14,755	229	6	14,755
222	71	11,086	200	7	11,086
319	79	24,648	958	14	24,648
182	46	4,636	208	2	4,636
141	48	5,152	201	3	5,152
273	81	34,081	836	5	34,081
492	147	19,596	985	12	19,596
131	37	6,974	243	5	6,974

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

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1983	46,927	7,233	8,479,016	32,883	3,575	4,114,569
Metropolitan Manila Area (National Capital Region)	18,995	3,331	4,388,309	13,983	1,964	2,493,555
Region 1	2,035	304	279,517	1,355	126	121,634
Region 2	1,071	134	118,628	575	58	52,889
Region 3	4,046	504	538,326	3,348	339	358,265
Region 4	5,519	606	651,790	4,179	347	397,981
Region 5	1,154	114	130,261	834	66	69,003
Region 6	1,530	191	279,336	1,001	92	88,496
Region 7	2,670	224	216,083	1,464	135	123,057
Region 8	1,438	1,207	1,356,930	898	77	77,166
Region 9	884	80	78,904	512	47	40,851
Region 10	2,235	185	171,704	1,092	97	76,499
Region 11	4,483	256	305,297	3,125	177	171,166
Region 12	970	98	93,931	517	50	44,007
1984	40,577	5,441	8,216,601	28,095	3,129	4,153,690
Metropolitan Manila Area (National Capital Region)	15,310	2,889	4,831,646	10,937	1,593	2,193,859
Region 1	2,389	215	274,148	1,553	146	173,575
Region 2	550	82	94,658	312	32	33,648
Region 3	3,429	530	809,677	2,961	328	477,110
Region 4	4,819	428	609,367	3,768	318	448,452
Region 5	890	126	186,412	646	70	110,841
Region 6	1,940	295	279,182	1,456	129	164,473
Region 7	2,443	268	311,384	1,519	159	162,907
Region 8	998	90	114,927	537	45	50,988
Region 9	771	65	67,949	450	40	40,767
Region 10	1,894	150	165,694	894	84	91,308
Region 11	3,994	189	277,697	2,402	134	157,885
Region 12	1,150	114	193,860	660	51	47,877
1985	30,508	4,558	8,285,127	20,244	2,122	3,101,356
Metropolitan Manila Area (National Capital Region)	11,386	2,404	5,205,208	7,176	911	1,423,473
Region 1	2,270	232	328,362	1,506	146	195,620
Region 2	448	88	122,245	250	29	30,096
Region 3	2,272	332	545,790	1,806	190	312,394
Region 4	4,035	405	662,642	3,222	285	450,207
Region 5	547	76	114,238	370	37	54,636
Region 6	1,438	161	241,652	989	93	132,728
Region 7	1,902	283	334,065	1,131	160	178,734
Region 8	732	97	123,805	432	36	44,039
Region 9	540	65	74,013	292	28	28,801
Region 10	1,397	131	155,563	700	65	70,770
Region 11	2,760	225	310,529	1,931	109	146,158
Region 12	780	59	67,015	433	33	33,700

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1971 TO 1990 (continued)
area in thousand square meters)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
4,445	3,274	3,722,719	9,599	384	641,722
1,318	1,107	1,468,951	3,694	263	425,802
237	172	141,296	443	6	16,586
324	70	46,007	172	5	8,523
338	153	137,114	360	12	25,333
401	207	221,727	836	13	32,033
165	43	52,177	155	4	9,082
253	90	173,749	276	8	17,062
217	61	62,962	989	22	30,064
234	1,124	1,168,774	307	7	9,985
123	29	31,759	249	5	8,241
257	76	77,064	886	9	15,830
488	112	112,146	870	12	21,845
90	31	28,993	362	18	21,336
3,430	1,912	3,392,966	9,053	336	669,945
1,105	1,067	2,210,361	3,268	229	427,426
179	61	80,287	657	8	20,286
134	46	54,914	104	3	6,096
255	190	296,587	214	13	35,980
309	94	125,028	742	16	35,887
102	52	65,096	142	3	10,475
179	59	99,750	305	7	14,959
260	97	121,046	664	13	27,431
183	42	55,175	278	3	8,764
86	20	16,134	235	4	11,048
185	57	57,714	815	9	16,672
343	72	80,521	1,249	20	39,291
110	55	130,353	380	8	15,630
3,390	2,171	4,573,893	6,843	264	611,451
1,107	1,339	3,418,911	3,103	155	362,821
232	70	95,848	532	16	36,889
132	56	84,819	66	2	7,331
235	128	200,891	231	14	32,505
363	106	177,164	450	13	35,269
124	36	49,249	93	3	10,353
158	62	90,714	221	7	18,210
275	104	121,666	496	18	33,668
144	57	73,030	156	3	8,272
119	35	35,783	129	3	9,429
182	57	65,606	515	9	19,188
228	100	135,367	595	16	29,005
91	21	24,845	256	5	8,511

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

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1986	31,170	4,026	6,531,456	19,582	2,105	3,317,094
Metropolitan Manila Area (National Capital Region)	11,297	1,735	3,115,009	6,623	920	1,580,598
Region 1	2,227	253	375,478	1,393	145	201,368
Region 2	328	55	73,807	173	20	23,959
Region 3	1,989	302	489,681	1,463	166	264,320
Region 4	4,364	432	707,529	3,450	270	448,054
Region 5	586	95	160,157	361	38	57,220
Region 6	1,272	155	251,221	907	84	123,986
Region 7	2,039	235	291,426	1,117	132	154,580
Region 8	971	141	226,326	595	43	48,489
Region 9	626	62	72,379	346	36	39,277
Region 10	1,434	152	247,723	628	90	154,879
Region 11	3,090	242	357,800	2,135	127	182,302
Region 12	947	166	162,920	391	34	38,062
1987	41,712	5,951	11,124,000	27,809	3,118	5,832,042
Metropolitan Manila Area (National Capital Region)	14,848	2,912	6,109,611	9,586	1,456	3,061,513
Region 1	2,311	293	527,642	1,571	175	276,292
Region 2	463	71	106,143	280	29	37,878
Region 3	2,543	486	879,995	1,916	258	538,064
Region 4	7,019	698	1,338,081	5,811	447	880,668
Region 5	667	87	148,544	484	51	80,025
Region 6	1,609	182	316,649	1,192	111	179,056
Region 7	2,750	363	479,797	1,632	187	240,073
Region 8	1,016	89	131,385	685	50	64,841
Region 9	787	86	120,392	496	46	52,560
Region 10	2,244	225	290,846	901	87	108,731
Region 11	4,310	339	526,942	2,834	179	263,820
Region 12	1,145	121	147,973	421	41	48,521
1988	44,434	7,534	17,341,835	30,181	3,486	6,933,822
Metropolitan Manila Area (National Capital Region)	13,984	3,658	10,690,694	10,021	1,629	3,800,828
Region 1	2,316	553	824,283	1,600	190	324,203
Region 2	609	103	161,096	365	42	57,898
Region 3	2,362	429	726,258	1,719	198	356,110
Region 4	7,572	811	1,497,199	6,237	513	1,004,602
Region 5	876	127	263,232	641	67	122,096
Region 6	1,987	385	969,027	1,432	147	256,783
Region 7	3,153	425	560,299	1,797	218	300,144
Region 8	1,389	106	159,663	651	57	78,332
Region 9	867	106	140,257	563	57	73,868
Region 10	3,000	247	401,052	1,489	127	182,730
Region 11	5,055	448	717,333	3,148	198	310,139
Region 12	1,264	135	231,442	518	43	66,089

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING
1971 TO 1990 (continued)
area in thousand square meters)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
3,645	1,583	2,325,003	7,943	338	889,359
1,115	593	992,179	3,559	222	542,232
272	94	129,552	562	14	44,558
104	34	47,697	51	*	2,151
295	124	191,961	231	13	33,400
395	131	182,826	519	30	76,649
111	51	78,164	114	7	24,773
161	66	95,081	204	5	32,154
254	86	100,643	668	17	36,203
184	96	161,072	192	2	16,765
93	24	25,961	187	2	7,141
221	56	70,487	585	6	22,357
312	102	138,035	643	13	37,463
128	126	111,345	428	6	13,513
4,504	2,370	4,108,333	9,399	463	1,183,625
1,341	1,183	2,288,661	3,921	273	759,437
312	100	193,873	428	18	57,477
97	40	59,866	86	1	8,399
335	212	290,220	292	15	51,711
550	222	397,868	658	29	59,545
109	32	56,114	74	4	12,405
203	64	106,932	214	7	30,661
383	153	193,259	735	22	46,465
140	37	57,895	191	2	8,649
102	36	61,174	189	4	6,658
322	103	124,064	1,021	35	58,051
442	138	208,690	1,034	22	54,432
168	49	69,717	556	31	29,735
5,067	3,222	7,389,140	9,186	826	3,018,873
1,385	1,631	4,553,406	2,578	398	2,336,460
303	110	227,939	413	253	272,141
174	61	99,411	70	1	3,787
389	212	308,089	254	19	62,059
662	234	403,046	673	64	89,551
134	56	123,500	101	4	17,636
301	233	684,536	254	5	27,708
430	174	204,484	926	34	55,671
166	41	58,278	572	8	23,053
135	46	57,595	169	3	8,794
281	112	185,675	1,230	8	32,647
517	223	333,526	1,390	28	73,668
190	89	149,655	556	3	15,698

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

Year/Region	Total			Residential		
	Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
1989	44,971	9,992	30,105,858	31,219	5,272	17,488,113
Metropolitan Manila Area (National Capital Region)	13,663	5,706	21,344,280	9,475	3,104	13,048,888
Region 1	2,141	368	729,601	1,463	189	379,542
Region 2	617	103	180,873	362	42	70,162
Region 3	2,411	376	831,498	1,892	208	435,665
Region 4	10,970	1,299	2,993,620	9,585	838	2,013,727
Region 5	919	224	566,119	625	67	137,985
Region 6	1,712	305	626,917	1,172	142	286,479
Region 7	3,308	560	997,991	1,822	256	392,448
Region 8	935	117	197,486	558	58	87,664
Region 9	863	130	187,746	512	51	73,832
Region 10	2,613	247	464,279	1,316	117	198,825
Region 11	3,716	440	770,625	1,884	150	280,670
Region 12	1,103	117	214,823	553	50	82,226
1990	44,770	8,128	24,778,691	30,787	3,728	9,816,967
Metropolitan Manila Area (National Capital Region)	12,479	3,806	14,343,523	8,631	1,472	4,797,138
Region 1	2,237	336	898,097	1,490	194	443,004
Region 2	704	130	283,812	456	53	110,391
Region 3	2,568	419	1,110,672	1,967	205	514,389
Region 4	9,777	1,126	3,143,178	8,227	666	1,824,114
Region 5	1,261	212	582,079	874	90	222,873
Region 6	1,966	379	677,407	1,455	261	370,074
Region 7	3,447	568	1,433,399	1,899	248	494,304
Region 8	943	115	228,325	608	544	88,595
Region 9	1,113	123	238,995	686	68	116,803
Region 10	2,380	261	511,608	1,165	128	240,474
Region 11	4,468	468	1,016,190	2,535	216	452,076
Region 12	1,427	186	311,406	794	73	142,732

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

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

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

Source: National Statistics Office.

PRIVATE BUILDING CONSTRUCTION BY TYPE OF BUILDING 1971 TO 1990 (continued)
area in thousand square meters)

Non-residential			Additions, Alterations and/or Repairs		
Number 1/	Floor Area	Value	Number 1/	Floor Area	Value
5,364	4,264	10,784,224	8,388	456	1,833,516
1,487	2,356	7,077,840	2,701	245	1,217,551
322	153	300,631	356	26	49,430
180	60	101,405	75	0	9,303
293	154	336,300	226	14	59,531
711	416	858,451	674	46	121,442
189	147	393,597	105	10	34,539
281	152	294,674	259	11	45,763
485	249	490,736	1,001	56	114,804
131	52	89,135	246	6	20,689
139	74	103,258	212	5	10,655
315	120	227,821	982	10	37,635
626	269	398,263	1,206	22	91,691
205	62	112,113	345	5	20,483
5,467	3,913	12,532,196	8,516	487	2,429,528
1,348	2,048	7,852,990	2,500	286	1,693,395
333	132	383,259	414	11	71,834
162	74	163,331	86	3	10,090
385	190	521,022	216	25	75,261
811	410	1,137,959	739	50	181,105
209	102	294,749	178	19	64,457
312	111	268,921	199	7	38,412
516	282	814,664	1,032	37	124,431
152	52	104,292	183	9	35,438
160	49	107,604	267	5	14,588
287	128	238,025	928	5	33,109
622	228	501,907	1,311	24	62,207
170	107	143,473	463	7	25,201

Table 6.10 – NUMBER AND INITIAL PAID–UP CAPITAL INVESTMENTS OF NEWLY REGISTERED BUSINESS ORGANIZATIONS: 1971 TO 1990

(Amount in thousand pesos)

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

1/ Includes cooperatives and excludes non–stock corporations.
a/ Total refers to corporations and partnerships only.

Sources: Securities and Exchange Commission
Bureau of Trade Regulations and Consumer Protection, DTI

Figure 6.3
INDEX OF EMPLOYMENT OF KEY
MANUFACTURING ENTERPRISES, 1990-1991

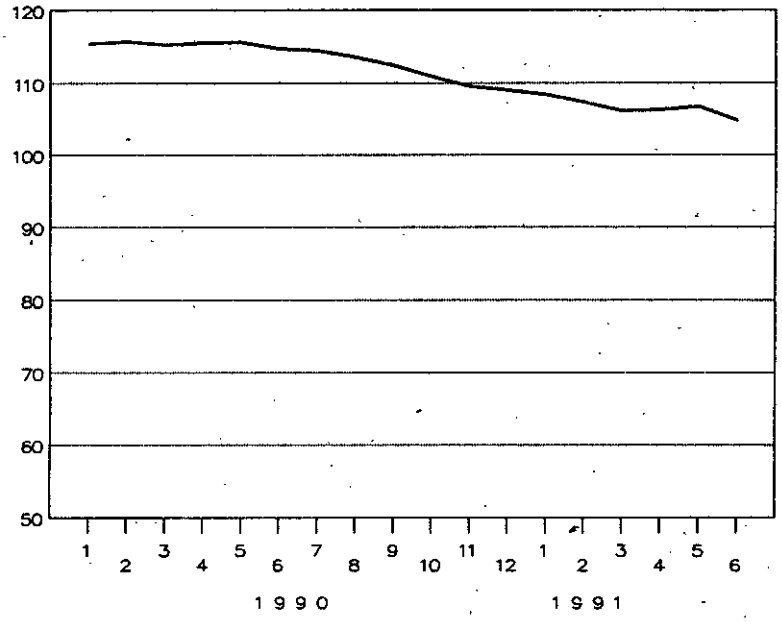

Figure 6.4
INDEX OF VALUE OF COMPENSATION OF
KEY MANUFACTURING ENTERPRISES, 1990-1991

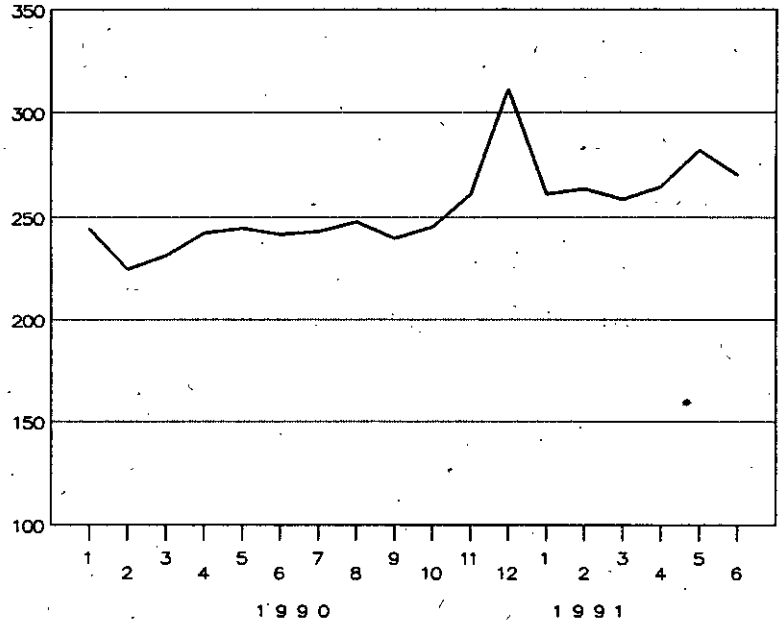

Table 6.11 – INITIAL PAID-UP CAPITAL INVESTMENTS OF AND PARTNERSHIPS BY NATIONALITY

(In thousand

Year/ Nationality	All Industries	Agriculture, Fishery and Forestry	Mining and Quarrying	Manufacturing
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
1990	2,836,247	25,241	24,992	1,203,437
Filipino	1,002,821	9,579	9,552	338,913
Chinese	93,388	3,751	4,611	23,761
American	151,697	1,186	595	109,500
Others	1,588,341	10,725	10,234	731,263

Source: Securities and Exchange Commission.

NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS AND BY KIND OF BUSINESS: 1983 to 1990
pesos)

Construction	Electricity, Gas and Water	Wholesale and Retail Trade	Real Estate, Insurance Banks and Financial Institutions	Transport, Storage and Communication	Community, Social and Personal Services
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
22,201		189,640	826,036	61,782	482,918
11,709		93,536	424,357	37,512	77,663
705	–	25,141	33,192	690	1,537
295	–	8,557	27,027	558	3,979
9,492	–	62,406	341,460	23,022	399,739

Table 6.12 – CAPITAL INCREASES AND WITHDRAWALS OF CORPORATIONS AND PARTNERSHIPS, PHILIPPINES: 1971 TO 1990
(Amount in million pesos)

Year	Increases		Withdrawals		Net Effect
	Number	Amount	Number	Amount	
1971	393	525.1	102	26.0	499.1
1972	395	544.2	78	86.2	458.0
1973	619	744.8	192	64.7	680.1
1974	831	1,622.6	199	65.5	1,557.1
1975	768	1,696.0	389	57.3	1,638.7
1976	717	1,448.0	654	137.2	1,310.8
1977	540	1,028.7	391	48.2	980.5
1978	650	1,942.7	330	179.4	1,763.3
1979	736	2,375.9	261	141.0	2,234.9
1980	763	3,776.4	229	44.5	3,731.9
1981	706	5,966.8	249	332.5	5,634.3
1982	663	4,087.3	213	98.4	3,988.9
1983	644	3,789.1	207	747.5	3,041.6
1984	573	2,428.8	187	389.8	2,039.0
1985	604	4,461.5	170	2,354.2	2,107.3
1986	582	3,024.8	174	598.8	2,426.0
1987	744	4,938.5	199	1,603.8	3,334.7
1988	873	8,252.1	137	1,559.9	6,692.2
1989	969	13,890.4	104	983.4	12,907.0
1990	1020	19,267.4	106	2,365.3	16,902.1

Source: Securities and Exchange Commission.

Figure 6.5
INITIAL PAID-UP CAPITAL INVESTMENTS OF
NEWLY REGISTERED BUSINESS ORGANIZATIONS, 1982-1990

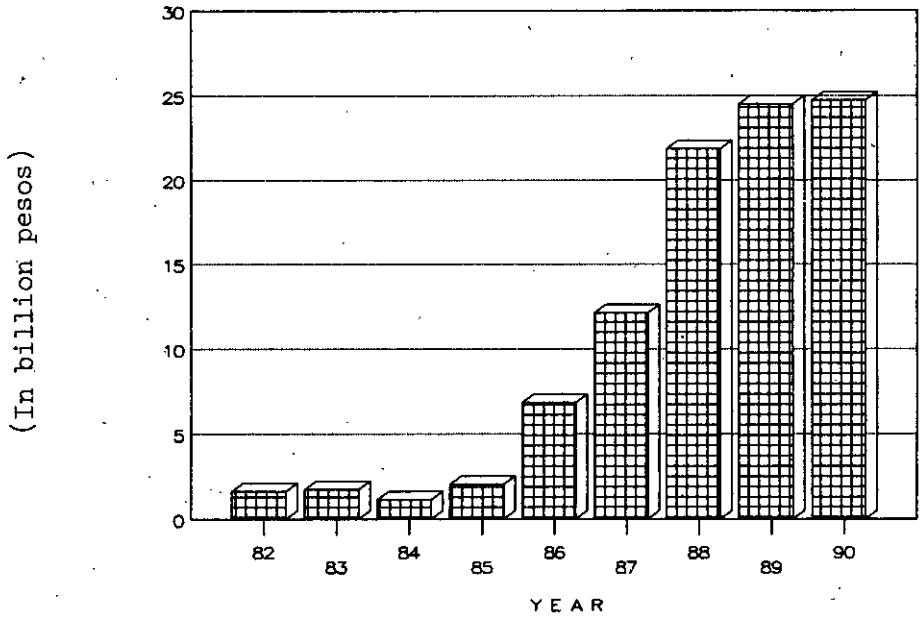

Figure 6.6
INITIAL PAID-UP CAPITAL INVESTMENTS
OF NEWLY REGISTERED DOMESTIC STOCK CORPORATIONS
and PARTNERSHIPS BY NATIONALITY, 1990

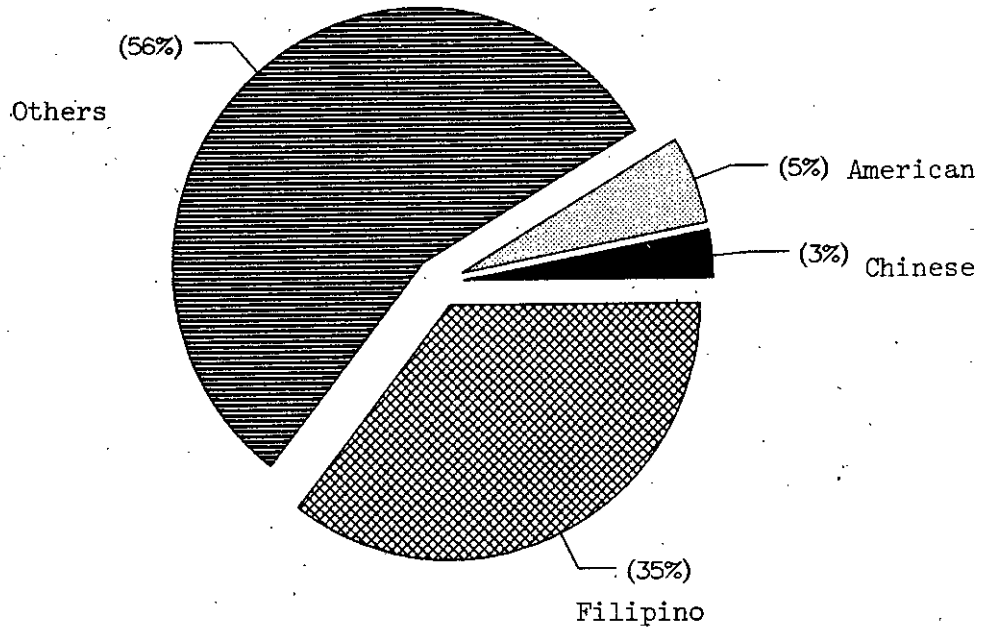

Table 6.13 – AMOUNT OF INVESTMENTS APPROVED

(In thousand

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

Source: Board of Investments.

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

Foreign						
North America	Central America	South America	Europe	Africa	Middle East	Others
71,612	88	–	3,849	–	–	35,942
206,914	–	–	35,258	–	–	28,465
236,033	6,500	–	120,469	–	–	46,600
307,641	7,355	–	230,111	–	190	46,967
124,349	5,474	–	35,950	–	205	3,796
233,069	1,870	–	184,505	–	–	13,860
97,322	1,075	–	71,883	900	90	4,090
285,819	1,442	–	100,058	100	1,019	3,205
224,632	7,540	659	224,587	60	3,475	70,536
288,130	3,806	–	1,011,327	772	800	34,025
497,727	9,587	5	749,986	17,948	1,364	9,513
1,032,451	3,541	2	368,190	1,249	2,383	48,762
2,053,957	400,833	30	245,437	5,025	7,600	3,082
1,724,186	995	–	713,042	1,500	2,430	1,574
1,090,331	200	–	601,690	26,056	2,672	26
460,795	16,781	75	338,356	4,801	4,186	9,060
800,435	360,134	–	544,740	4,511	2,760	12,665
3,236,896	144,808	–	573,097	34,047	277	10,991
3,095,833	59,728	–	1,594,683	12,140	23,971	604,178
2,523,898	895,243	30	1,088,491	162,307	3,683	660,405

Table 6.14 – EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226: 1985 to 1990
(In thousand pesos)

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	55,000	–	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	–

Table 6.14 – EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226: 1985 to 1990 (continued)

(In thousand pesos)

Industry	Total	Philippines		Foreign	
		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 6.14 – EQUITY INVESTMENTS IN PROJECTS APPROVED BY THE BOI UNDER E.O. 226: 1985 to 1990 (continued)
(In thousand pesos)

Industry	Total	Philippines		Foreign	
		100% Wholly Owned	In Joint Venture	100% Wholly Owned	In Joint Venture
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	–
January – December 1990					
All industries	48,033,894	12,188,884	12,475,175	11,481,633	11,888,202
Agriculture	687,311	242,327	144,256	119,175	181,553
Fishery	100,853	68,733	16,768	6,088	9,272
Mining	3,653,267	1,190,102	1,521,856	62,197	879,112
Manufacturing	22,810,517	3,888,922	6,488,304	4,565,748	7,867,543
Energy-related projects	4,396,875	19,037	129,600	4,161,838	86,400
Public utilities	1,421,054	1,306,749	76,733	–	37,572
Industrial Estate Dev't.	4,427,128	2,093,184	1,780,304	–	553,640
Export traders	56,863	33,567	1,505	–	21,791
Commerce (Others)	781,567	–	368,763	205,199	207,605
Service exporters	114,000	–	28,340	–	85,660
Tourism oriented projects	6,093,722	3,337,014	794,368	696,627	1,265,713
Agricultural Farm Services	16,095	9,249	4,108	–	2,738
Service (Others)	2,053,667	–	594,516	1,048,556	410,595
Construction	797,668	–	156,888	594,520	46,260
Financial institution	95,009	–	34,900	–	60,029
Real estate	506,613	–	333,894	–	172,719
Regional headquarters	21,685	–	–	21,685	–

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).

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Table 7.1 – FOREIGN TRADE OF THE PHILIPPINES: 1970 to 1990 (F.O.B. value in million U.S. dollars)

Year	Total Trade	Exports 1/			Imports			Balance of Trade Favorable (+) Unfavorable (-)
		Value	Percent to Total Trade	Average Exchange Rate (P/U.S.$)	Value	Percent to Total Trade	Average Exchange Rate (P/U.S.$)	
1970	2,301.49	1,142.19	49.63	5.995	1,159.30	50.37	6.069	(17.11)
1971	2,450.08	1,189.25	48.54	6.400	1,260.83	51.46	6.480	(71.58)
1972	2,502.03	1,168.43	46.70	6.641	1,333.60	53.30	6.725	(165.17)
1973	3,433.81	1,837.19	53.50	6.722	1,596.62	46.50	6.807	240.57
1974	5,868.25	2,724.99	46.44	6.754	3,143.26	53.56	6.839	(418.27)
1975	5,753.65	2,294.47	39.88	7.212	3,459.18	60.12	7.302	(1,164.71)
1976	6,207.16	2,573.68	41.46	7.403	3,633.48	58.54	7.496	(1,059.80)
1977	7,065.65	3,150.89	44.59	7.366	3,914.76	55.41	7.458	(763.87)
1978	8,157.07	3,424.87	41.99	7.329	4,732.20	58.01	7.421	(1,307.33)
1979	10,742.94	4,601.19	42.83	7.341	6,141.75	57.17	7.433	(1,540.56)
1980	13,514.70	5,787.79	42.83	7.474	7,726.91	57.17	7.568	(1,939.12)
1981	13,666.08	5,720.40	41.86	7.860	7,945.68	58.14	7.959	(2,225.28)
1982	12,687.51	5,020.59	39.57	8.497	7,666.92	60.43	8.604	(2,646.33)
1983	12,491.92	5,005.29	40.07	11.049	7,486.63	59.93	11.193	(2,481.34)
1984	11,460.26	5,390.65	47.04	16.582	6,069.61	52.96	16.848	(678.96)
1985	9,739.62	4,628.95	47.53	18.586	5,110.67	52.47	18.859	(481.72)
1986	9,885.38	4,841.78	48.98	20.356	5,043.60	51.02	20.403	(201.82)
1987	12,457.21	5,720.24	45.92	20.557	6,736.97	54.08	20.565	(1,016.73)
1988	15,233.57	7,074.20	46.44	21.065	8,159.38	53.56	21.065	(1,085.18)
1989	18,239.53	7,821.08	42.88	21.703	10,418.82	57.12	21.738	(2,597.74)
1990	20,392.19	8,186.03	40.14	24.200	12,206.16	59.86	24.381	(4,020.13)

1/ Sum of domestic exports and re-exports.
Source: National Statistics Office

Figure 7.1
FOREIGN TRADE OF
THE PHILIPPINES, 1981-1990

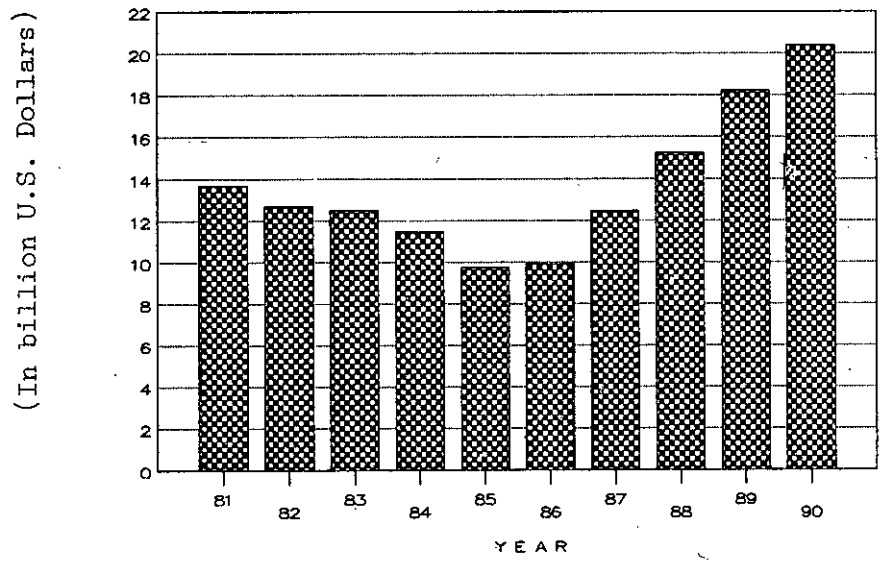

Table 7.2– DIRECTION OF TRADE:

(F.O.B. value in thousand

All Countries	1981		1982		1983		1984		1985
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Total	7,945,679	5,720,397	7,666,918	5,020,593	7,486,627	5,005,291	6,069,612	5,390,646	5,110,673
United States	1,784,597	1,740,476	1,702,675	1,576,261	1,739,106	1,799,570	1,629,439	2,002,629	1,273,288
Japan	1,494,114	1,250,487	1,532,022	1,145,507	1,266,000	1,015,036	814,544	1,042,697	734,508
European Economic Community	819,020	924,302	813,828	726,280	879,861	816,023	674,099	682,991	424,990
France	130,870	84,421	100,362	82,393	88,546	91,496	184,176	96,296	71,829
West Germany	315,670	240,253	331,859	202,764	354,865	199,170	192,828	182,452	141,856
Netherlands	77,441	319,642	85,699	189,942	75,841	225,587	52,474	124,273	42,280
United Kingdom	164,656	193,090	161,622	189,895	181,075	234,669	121,070	224,705	102,923
Italy	61,227	50,004	47,370	34,321	53,542	37,357	24,900	28,273	31,684
Others	69,156	36,892	86,916	26,965	125,992	27,744	98,651	26,992	34,418
Middle East Countries	1,694,271	99,446	1,454,982	90,300	1,451,540	78,575	977,025	66,714	634,274
Kuwait	415,705	3,056	288,678	8,705	286,471	7,051	382,442	8,077	220,151
Saudi Arabia	1,038,116	34,942	912,717	39,453	812,545	41,931	420,050	33,007	268,340
Bahrain	92,071	1,157	17,103	2,295	37	1,460	20	1,776	2
Others	148,379	60,291	236,484	39,847	352,487	28,133	174,513	23,854	145,781
ASEAN Countries	538,321	412,244	509,679	358,738	671,078	352,761	783,018	516,557	754,003
Brunei	a	a	a	a	a	a	54,901	509	14,635
Indonesia	224,360	153,624	142,880	54,984	171,421	30,147	201,629	8,348	184,736
Malaysia	177,588	104,073	118,680	177,767	154,650	162,495	363,112	177,982	369,705
Singapore	109,719	129,223	218,376	111,553	280,451	140,254	116,022	320,453	134,457
Thailand	26,654	25,324	29,743	14,434	64,556	19,865	47,354	9,265	50,470
Socialist Countries	212,166	257,164	232,504	231,108	154,636	123,179	231,590	117,886	300,865
People's Republic of China	194,517	78,225	206,327	105,205	122,151	29,392	220,256	60,186	276,085
U.S.S.R.	1,809	171,007	11,130	115,159	15,811	86,994	3,348	54,402	11,363
Romania	2,479	6	4,810	50	1,725	-	3,534	-	5,759
Other	13,361	7,926	10,231	10,694	14,949	6,793	4,452	3,298	7,658
Other Countries	1,403,190	1,036,278	1,421,228	892,399	1,324,406	820,147	959,897	961,172	988,745
Australia	212,618	121,677	218,130	89,474	171,473	76,179	127,162	89,606	159,007
Hongkong	215,558	221,721	210,650	197,865	256,695	170,711	234,258	232,429	197,653
South Korea	111,418	198,301	147,642	151,464	158,079	148,192	146,304	98,872	203,678
Taiwan	204,881	101,559	220,115	56,659	213,242	74,886	177,756	91,449	177,909
Canada	65,102	90,184	68,232	58,315	54,173	69,829	42,924	81,077	30,856
Others	593,613	302,836	556,459	338,622	470,744	280,350	231,493	367,738	219,642

a – Included in other countries from 1978 to 1983.

Source: National Statistics Office.

1981 TO 1990
U.S. dollars)

1985	1986		1987		1988		1989		1990	
Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
4,628,954	5,043,597	4,841,781	6,736,967	5,720,238	8,159,378	7,074,190	10,418,821	7,821,082	12,206,160	8,186,027
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	2,365,532	3,094,588
874,635	868,258	851,084	1,121,166	981,492	1,421,309	1,420,374	2,043,224	1,585,856	2,232,046	1,615,978
630,769	568,682	913,990	781,872	1,089,243	1,039,542	1,248,918	1,171,928	1,326,143	1,365,134	1,448,728
86,978	82,155	111,461	126,040	125,801	121,454	165,309	165,995	152,154	151,222	143,946
174,806	220,346	241,602	281,640	292,709	320,334	297,886	408,287	334,855	532,132	390,373
145,210	71,311	246,647	91,927	310,554	127,634	316,051	203,112	329,224	170,221	357,081
167,104	108,872	230,062	150,516	246,343	161,347	327,649	170,817	328,600	247,886	350,531
28,536	23,405	24,738	35,260	35,493	112,493	40,066	67,041	47,980	87,998	61,009
28,135	62,593	59,480	96,489	78,343	196,280	101,957	156,676	133,330	175,675	145,787
71,435	501,676	96,649	833,629	99,687	793,251	101,874	1,009,956	123,625	1,409,684	126,703
5,951	105,050	4,719	315,862	8,217	182,166	6,702	172,272	8,937	194,295	5,507
39,130	218,479	44,043	212,606	56,627	111,231	49,137	250,839	57,099	546,238	63,951
1,229	3,138	1,142	6,021	1,273	1,080	1,537	1,057	1,663	4,045	2,276
25,125	175,009	46,745	299,140	33,570	498,774	44,498	585,788	55,926	665,105	54,969
530,752	440,785	351,410	687,398	507,301	754,042	491,718	930,186	531,499	1,187,651	584,774
490	13,054	577	51,357	452	34,069	367	47,424	551	109,792	951
18,280	128,328	27,933	89,253	65,425	84,069	27,165	157,826	56,182	181,563	60,937
173,767	145,992	97,975	267,940	119,222	249,125	116,893	150,272	98,993	272,461	126,805
250,099	124,394	157,628	232,246	196,611	335,120	223,949	492,550	220,795	486,660	239,632
88,116	29,017	67,297	46,602	125,591	51,659	123,344	82,114	154,978	137,176	156,449
123,231	136,426	125,041	253,402	116,067	281,443	103,033	325,794	91,603	353,909	93,543
79,793	110,686	104,689	205,562	87,950	242,282	66,802	221,105	50,235	162,102	61,764
32,706	14,557	15,424	13,759	26,700	22,486	21,941	18,601	25,897	26,238	15,199
-	1,416	3	8	-	-	-	17,111	10	12,486	1,237
10,732	9,767	4,925	34,073	1,417	16,675	14,290	68,977	15,461	153,083	15,342
779,871	1,274,953	851,910	1,574,224	950,257	2,154,759	1,275,842	2,958,743	1,366,083	3,292,204	1,221,713
80,546	145,008	69,170	201,804	88,790	282,782	110,601	347,331	124,338	369,435	96,382
187,378	257,929	222,481	312,072	279,209	373,863	346,368	481,130	304,784	554,578	330,470
71,671	170,059	112,243	198,247	107,798	330,899	160,548	422,859	175,246	477,993	229,504
86,099	279,663	123,666	372,430	144,388	510,738	200,834	701,799	210,298	805,570	209,263
73,961	37,403	68,882	84,468	83,382	80,927	107,712	158,184	127,424	167,490	122,895
280,216	384,891	255,468	405,203	246,690	575,550	349,779	847,440	423,993	917,140	233,199

Table 7.3– PHILIPPINE EXPORTS BY MAJOR COMMODITY GROUPS: 1981 TO 1990
(F.O.B. value in million U.S. dollars)

Major commodity group	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	5,720	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821	8,186
Coconut products	750	590	680	727	459	470	560	577	532	496
Copra	34	49	4	–	–	18	32	28	25	20
Coconut oil	533	401	516	580	347	333	380	408	376	361
Desiccated coconut	102	68	88	106	76	44	75	78	78	61
Copra meal or cake	81	72	72	41	36	75	73	63	53	54
Sugar and sugar products	609	445	321	327	189	108	78	83	103	134
Centrifugal & refined sugar	567	416	299	290	169	87	60	60	80	112
Molasses	38	25	17	33	16	16	10	14	23	22
Others	4	4	5	4	4	5	8	9	–	–
Forest products	469	362	331	323	246	251	306	339	284	95
Logs	76	78	74	88	39	26	*	1	*	–
Lumber	126	124	149	107	90	103	154	156	136	19
Plywood	111	67	76	56	51	56	67	78	37	59
Others	156	93	32	72	66	66	83	105	111	17
Mineral products	758	532	440	266	243	267	224	383	424	361
Copper concentrates	429	312	249	115	84	90	109	216	237	207
Gold	215	169	154	104	100	140	90	118	109	90
Iron ore and concentrates	–	–	–	–	–	–	–	–	–	81
Chromite ore	25	15	10	19	12	10	7	13	18	17
Others	89	36	27	28	47	27	18	36	60	47
Fruits and vegetables	378	374	327	392	354	346	382	418	180	269
Pineapple products	101	107	102	115	128	128	136	130	24	120
Banana	124	146	105	122	113	130	121	146	146	149
Others	153	121	120	155	113	88	125	142	10	–
Abaca products	25	26	25	37	31	35	47	41	28	21
Abaca unmanufactured	21	20	18	33	16	13	12	16	18	16
Abaca rope	4	6	7	4	15	22	35	25	10	5
Tobacco products	50	49	35	31	28	26	23	26	26	48
Raw tobacco	48	47	33	28	24	21	18	19	17	20
Cigars and others	2	2	2	3	4	5	5	7	9	28
Mineral fuel and lubricants	42	33	115	87	42	66	97	153	118	155
Chemicals	107	96	87	104	151	243	245	256	279	261
Textiles	69	56	25	38	39	44	68	71	88	93
Miscellaneous manufactures and others	2,453	2,449	2,586	2,934	2,807	2,874	3,558	4,647	5,689	6,158
Re-exports	10	9	33	125	40	112	149	80	70	95

Source: National Statistics Office.

Figure 7.2
VALUE OF SELECTED PRINCIPAL
EXPORTS, 1981-1990

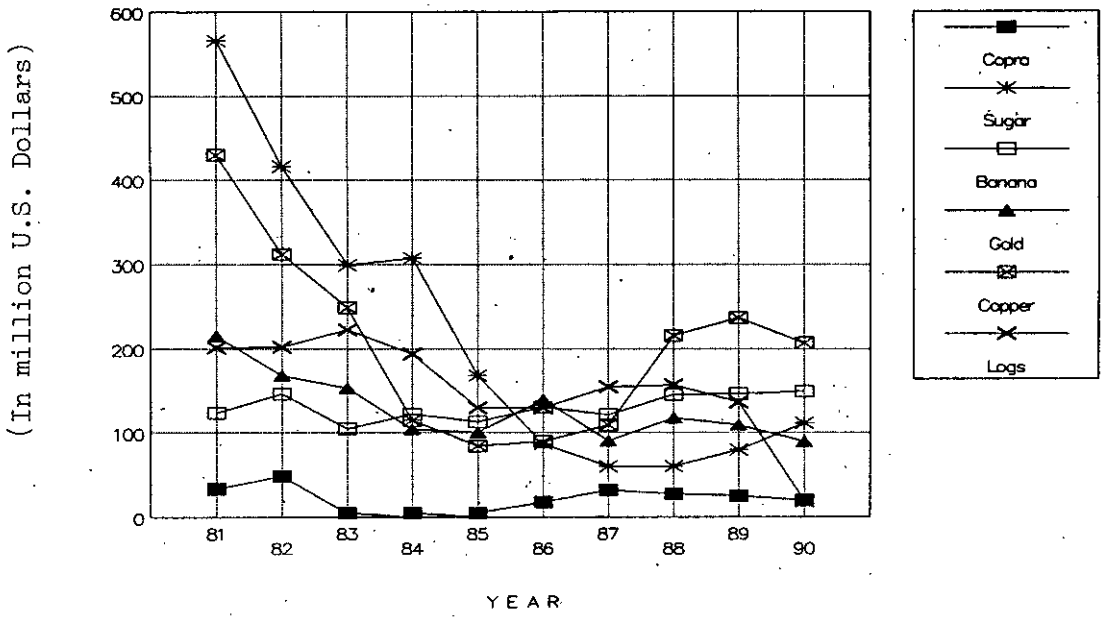

Figure 7.3
IMPORTS BY END USE, 1981-1990

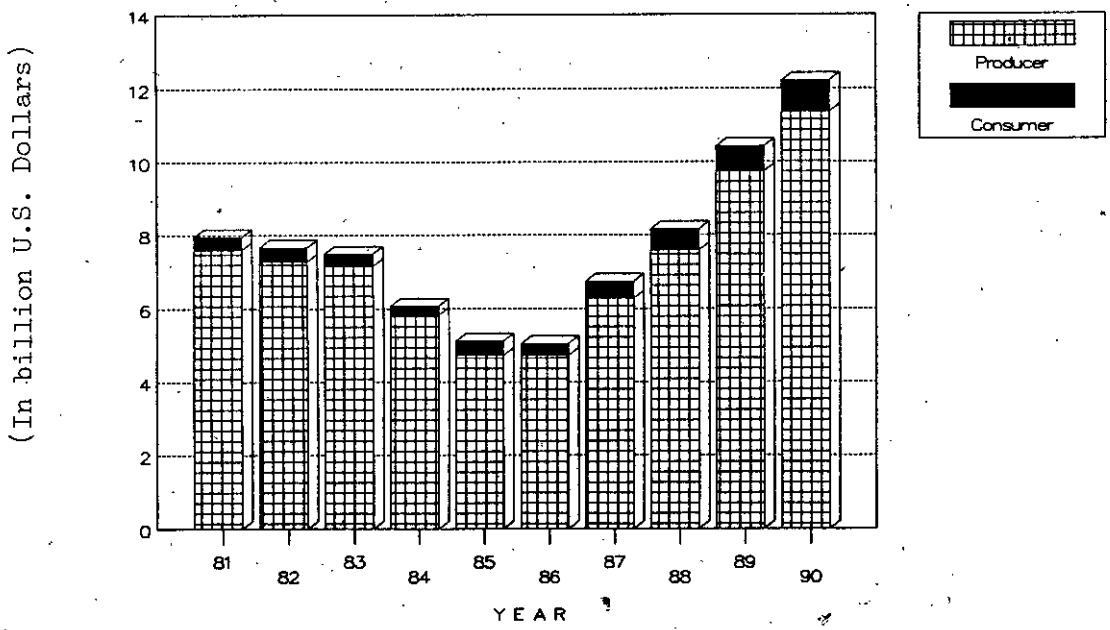

Table 7.4 – TOTAL EXPORTS AND TEN
(F.O.B. value in thousand U.S. dollars;

Year	Total	Value of Exports		Copra		Sugar	
		Ten Principal	Others	Quantity	Value	Quantity	Value
1971	1,189,250	917,607	271,643	692,464	114,040	1,344,677	212,348
1972	1,168,430	869,900	298,530	925,640	110,480	1,210,939	208,639
1973	1,837,188	1,359,329	477,859	734,431	165,764	1,470,337	273,966
1974	2,724,989	2,144,310	580,679	267,697	139,784	1,542,081	737,365
1975	2,294,470	1,618,680	675,790	761,147	172,318	927,217	580,736
1976	2,573,676	1,587,929	985,747	822,736	149,722	1,455,998	426,522
1977	3,150,887	1,899,985	1,250,902	634,636	200,525	2,418,990	511,708
1978	3,424,876	1,750,409	1,674,467	365,241	135,684	1,124,245	196,903
1979	4,601,190	2,232,393	2,368,797	144,743	89,128	1,150,296	211,553
1980	5,787,788	2,634,693	3,153,095	121,452	47,253	1,735,257	624,034
1981	5,720,397	2,315,000	3,407,157	108,313	33,634	1,222,041	566,560
1982	5,020,593	1,871,678	3,148,915	177,730	49,218	1,247,520	416,028
1983	5,005,291	1,729,728	3,275,563	16,125	4,441	962,761	299,345
1984	5,390,646	1,645,839	3,744,807	–	–	1,157,932	307,649
1985	4,628,954	1,124,572	3,504,382	–	–	571,596	168,662
1986	4,841,780	1,067,601	3,774,180	125,331	17,600	222,245	86,796
1987	5,720,238	1,121,708	4,598,530	128,688	31,993	162,950	60,316
1988	7,074,190	1,311,415	5,762,775	80,264	27,992	142,597	60,198
1989	7,821,082	1,401,204	6,419,878	79,415	25,188	187,132	79,978
1990	8,186,027	1,123,607	7,062,420	97,258	20,455	246,979	111,377

1/ In thousand bd. ft.

PRINCIPAL EXPORTS: 1971 TO 1990
quantity in thousand kilograms)

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

Table 7.4 – TOTAL EXPORTS AND TEN PRINCIPAL EXPORTS: 1971 TO 1990 (continued)
(F.O.B. value in thousand U.S. Dollars; quantity in thousand kilograms)

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

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

Table 7.5 – IMPORTS BY END USE: 1971 TO 1990
(F.O.B value in million U.S. dollars)

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

Sources: National Statistics Office
Central Bank of the Philippines for data prior to 1973

Table 7.6 – PHILIPPINE TRADE RELATIONS WITH THE UNITED STATES 1971 TO 1990
(F.O.B. value in thousand U.S. dollars)

Year	Exports			Imports		
	Total	United States	Percent to Total	Total	United States	Percent to Total
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	1,702,675	22.2
1983	5,005,291	1,799,570	36.0	7,486,626	1,739,106	23.2
1984	5,390,646	2,002,629	37.2	6,069,612	1,629,439	26.8
1985	4,628,954	1,618,261	35.0	5,110,673	1,273,288	24.9
1986	4,841,780	1,651,697	34.1	5,043,597	1,252,817	24.8
1987	5,720,238	1,976,191	34.6	6,736,969	1,485,276	22.0
1988	7,074,190	2,432,431	34.4	8,159,378	1,715,032	21.0
1989	7,821,082	2,796,273	35.8	10,418,821	1,978,990	19.0
1990	8,186,027	3,094,588	36.5	12,206,161	2,365,532	19.4

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: 1977 TO 1990

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

Note: Unit values of imports are based on C.I.F. value while those for exports are based on FOB value.
1/ Paache Price Index
2/ Purchasing Power of Exports is derived by dividing Export Value Index by Imports Price Index.
Source: National Statistics Office.

Figure 7.4
PURCHASING POWER OF EXPORTS, 1981-1990

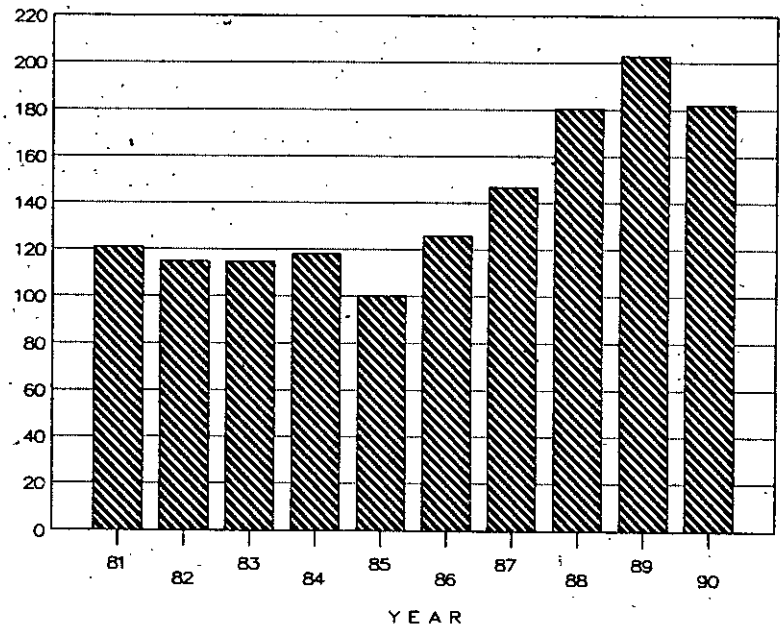

Table 7.8 – BALANCE OF PAYMENTS: 1981 TO 1990
(In million U.S. dollars)

Item	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990 p
I. Current transactions										
A. Merchandise trade	(2,224)	(2,646)	(2,482)	(679)	(482)	(202)	(1,017)	(1,085)	(2,598)	(4,020)
Exports	5,722	5,021	5,005	5,391	4,629	4,842	5,720	7,074	7,821	8,186
Imports	7,946	7,667	7,487	6,070	5,111	5,044	6,737	8,159	10,419	12,206
B. Non-merchandise trade	(309)	(1,040)	(740)	(855)	26	783	0	(80)	303	618
Inflow	2,896	2,983	3,127	2,619	3,288	3,791	3,454	3,592	4,586	4,836
Outflow	3,205	4,023	3,867	3,474	3,262	3,008	3,454	3,672	4,283	4,218
C. Transfer (donations,etc.	472	486	472	236	379	441	573	775	830	714
Inflow	485	498	483	237	388	445	575	778	832	717
Outflow	13	12	11	1	9	4	2	3	2	3
Current net inflow, total	(2,061)	(3,200)	(2,750)	(1,298)	(77)	1,022	(444)	(390)	(1,465)	(2,688)
II. Non-monetary capital										
D. Long-term capital	1,332	1,548	1,392	539	2,787	815	159	(519)	379	392
Inflow	2,072	2,533	2,336	1,308	3,962	2,545	2,598	2,412	2,811	4,398
Outflow	740	985	944	769	1,175	1,730	2,439	2,931	2,432	4,006
E. Direct investments	175	17	112	(7)	(9)	114	326	986	854	469
Inflow	248	194	255	121	124	186	439	1,077	972	695
Outflow	73	177	143	128	133	72	113	91	118	226
F. Short-term capital, net	(219)	(56)	(618)	623	(1,731)	(814)	80	(303)	(91)	9
Errors and omissions 1/	(214)	(207)	(387)	251	638	(101)	(144)	479	385	620
Non-monetary capital, tota	1,074	1,302	499	1,406	1,685	14	421	643	1,527	1,490
G. Monetization of gold	400	277	183	150	221	279	365	314	288	218
H. Allocation of SDRs	27	-	-	-	-	-	-	0	0	0
I. Revaluation Adjustments	-	-	-	-	(88)	(68)	(78)	83	101	797
J. Unremittable Arrears	-	-	-	-	560	-	-	-	-	-
III. Overall surplus (deficit) 2	(560)	(1,621)	(2,068)	258	2,301	1,247	264	650	451	(183)

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

1/ 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.

2/ Unrevalued.

Source: Central Bank of the Philippines.

8 TOURISM

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

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

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

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

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Figure 8.1
Visitor Arrivals to the
Philippines, 1981-1990

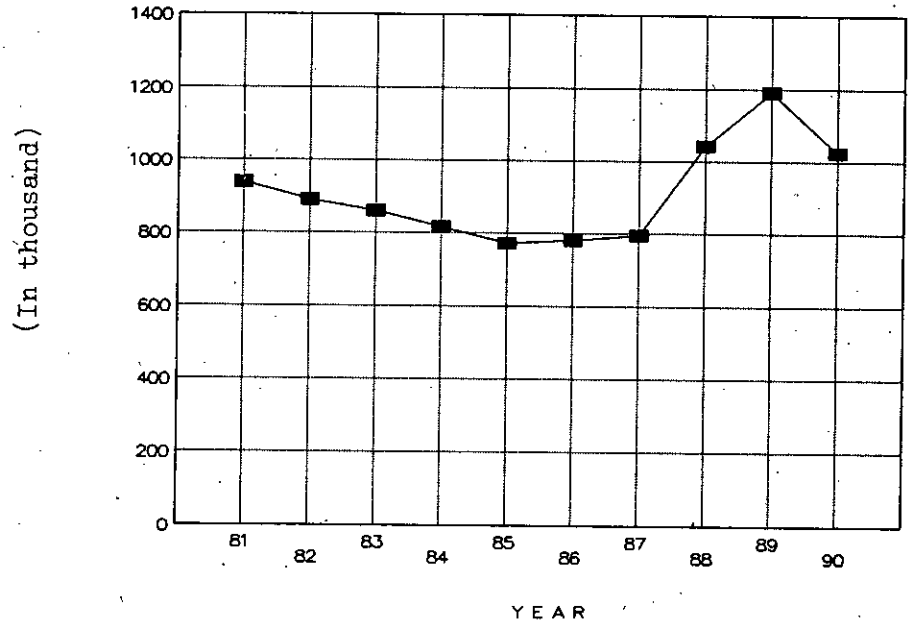

Figure 8.2
Tourist Receipt, 1981-1990

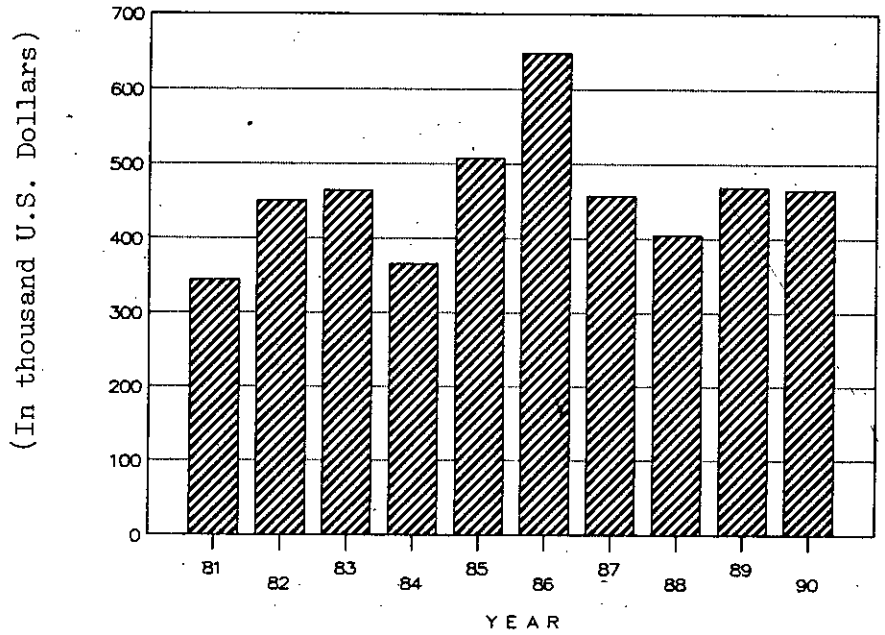

Table 8.1 – DISTRIBUTION OF VISITOR ARRIVALS BY COUNTRY

Country of Residence	1989 Total	1989 Air	1989 Sea	1990 Total	1990 Air	1990 Sea
Grand Total	1,189,719	1,162,412	27,307	1,024,520	1,001,208	23,312
Asia	490,814	481,273	10,354	384,877	374,987	9,890
East Asia	475,742	465,946	9,796	369,954	360,772	9,182
China (PROC)	3,029	1,024	2,005	4,066	1,265	2,801
Hongkong	130,346	130,116	230	70,629	70,272	357
Japan	215,634	212,749	2,885	201,982	199,284	2,698
Korea	36,587	31,928	4,659	36,533	33,320	3,213
Taiwan	90,146	90,129	17	56,744	56,631	113
South Asia	15,072	15,327	558	14,923	14,215	708
Bangladesh	1,165	1,155	10	1,046	968	78
India	6,348	5,918	430	6,474	5,968	506
Nepal				630	629	1
Pakistan	5,399	5,331	68	5,368	5,270	98
Sri Lanka	2,160	2,110	50	1,405	1,380	25
Asean	64,806	63,274	1,532	47,758	45,640	2,118
Brunei	2,456	2,422	34	1,660	1,624	36
Indonesia	7,994	7,319	675	6,190	5,435	755
Malaysia	17,201	17,019	182	11,809	11,689	120
Singapore	26,402	26,187	215	19,331	19,055	276
Thailand	10,753	10,327	426	8,768	7,837	931
North America	267,679	261,727	5,952	224,510	220,839	3,671
Canada	21,093	20,324	769	20,569	20,294	275
U.S.A.	246,586	241,403	5,183	203,941	200,545	3,396
Central America	0	0	0	401	336	65
Mexico	0	0	0	401	336	65
Western Europe	64,404	63,207	1,197	51,896	51,112	784
Austria	3,619	3,503	116	3,317	3,166	151
Belgium	2,655	2,620	35	2,709	2,671	38
France	9,543	9,496	47	10,204	10,110	94
Germany	30,045	29,297	748	18,707	18,427	280
Iceland	1,012	981	31	4	0	4
Luxembourg	134	134		96	85	11
Netherlands	6,543	6,400	143	6,481	6,343	138
Switzerland	10,853	10,776	77	10,378	10,310	68
Southern Europe	16,006	14,041	1,965	13,796	13,052	744
Greece	1,828	682	1,146	774	609	165
Italy	8,869	8,340	529	8,496	8,292	204
Portugal	1,997	1,901	96	1,185	1,097	88
Spain	2,978	2,897	81	2,827	2,708	119
Yugoslavia	334	221	113	514	346	168

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

OF RESIDENCE AND MODE OF TRAVEL: 1989 to 1990

Country of Residence	1989			1990		
	Total	Air	Sea	Total	Air	Sea
Northern Europe	40,508	38,225	2,283	55,877	52,834	3,043
Denmark	3,320	3,267	53	2,843	2,760	83
Finland	1,103	1,089	14	1,032	1,006	26
Germany, Federal Rep.				8,204	8,171	33
Ireland	0	0	0	921	881	40
Norway	2,726	2,301	425	3,023	2,561	462
Sweden	6,759	6,616	143	6,381	6,232	149
United Kingdom	26,600	24,952	1,648	33,473	31,223	2,250
Oceania	67,586	65,934	1,652	61,188	60,186	1,002
Australia	50,529	48,981	1,548	47,351	46,393	958
Guam	11,343	11,343	0	8,784	8,784	0
Nauru	266	259	7	129	129	0
New Zealand	3,614	3,519	95	3,627	3,583	44
Papua New Guinea	1,834	1,832	2	1,297	1,297	0
Middle East	25,535	25,523	12	20,742	20,734	8
Bahrain	1,740	1,740	0	1,134	1,134	0
Iran	458	457	1	703	703	0
Israel	3,668	3,667	1	2,964	2,960	4
Jordan	534	525	9	602	598	4
Lebanon	0	0	0	0	0	0
Kuwait	1,933	1,932	1	884	884	0
Saudi Arabia	15,052	15,052	0	13,112	13,112	0
United Arab Emirates	2,150	2,150	0	1,343	1,343	0
Latin America	2,388	2,103	285	1,238	1,193	45
Argentina	329	317	12	264	259	5
Brazil	780	763	17	538	506	32
Colombia	276	263	13	170	165	5
Mexico	687	461	226	136	136	0
Peru	210	203	7	0	0	0
Venezuela	106	96	10	130	127	3
Eastern Europe	1,396	571	825	1,229	750	479
Poland	197	97	100	110	35	75
U.S.S.R.	1,199	474	725	975	571	404
Yugoslavia	0	0	0	144	144	0
Africa	496	465	31	795	764	31
Egypt	29	0	29	301	278	23
Nigeria	281	280	1	289	285	4
South Africa	186	185	1	205	201	4
Others and Unspecified residence	33,672	32,453	1,219	29,457	28,025	1,432
Total	1,076,103	1,048,796	27,307	893,764	870,452	23,312
Overseas Filipinos	113,616	113,616	0	130,757	130,757	0

Table 8.2 – VISITOR ARRIVALS TO THE PHILIPPINES

Country of Residence	1980	1981	1982	1983	1984
Grand Total	**1,008,159**	**938,953**	**890,807**	**860,550**	**816,712**
ASEAN	80,595	88,509	80,171	64,641	57,190
Brunei	0	0	0	0	2,024
Indonesia	10,342	11,771	10,996	7,711	6,175
Malaysia	28,684	29,479	25,339	18,107	14,459
Singapore	31,828	34,913	33,732	27,219	22,147
Thailand	9,741	12,346	10,104	11,604	12,385
EAST ASIA	405,782	335,875	295,226	304,610	275,358
Japan	260,252	192,902	159,652	178,527	160,542
Hongkong	94,067	92,281	75,625	70,043	62,939
Korea	10,651	12,298	13,698	13,258	11,602
Taiwan	40,812	38,394	46251	42782	40275
SOUTH ASIA	10,629	10,309	10,831	11,162	11,555
Bangladesh 1/					
India	10,629	10,309	10,831	11,162	11,555
Nepal 1/					
Pakistan 1/					
Sri Lanka 1/					
NORTH AMERICA	168,264	166,083	163,554	165,217	176,030
USA	151,251	147,730	148,793	151,241	160,638
Canada	17,013	18,353	14,761	13,976	15,392
CENTRAL AMERICA 1/					
Mexico					
SOUTH AMERICA 1/					
Argentina 1/					
Brazil 1/					
Colombia 1/					
Peru 1/					
Venezuela 1/					
OCEANIA	72,377	67,679	66,879	56,739	52,900
Australia	67,942	63,342	62,969	53,238	49,670
Guam 1/					
Nauru 1/					
New Zealand	4,435	4,337	3,910	3,501	3,230
Papua New Guinea 1/					

1/ Data available only in 1990.
Source: Tourism Research and Statistics Division, Department of Tourism.

BY COUNTRY OF RESIDENCE, 1980 to 1990

1985	1986	1987	1988	1989	1990
773,074	781,517	794,700	1,043,114	1,189,719	1,024,520
49,454	46,844	46,528	59,671	64,806	47,758
2,140	2,031	1,890	2,382	2,456	1,660
5,916	6,222	5,664	7,250	7,994	6,190
14,525	12,780	11,941	16,336	17,201	11,809
17,271	17,556	17,785	23,794	26,402	19,331
9,602	8,255	9,248	9,909	10,753	8,768
251,759	255,872	257,375	387,662	472,713	369,954
					4,066
152,771	133,536	126,127	181,741	215,634	201,982
52,407	75,344	80,886	133,331	130,346	70,629
10,873	12,623	14,463	16,125	36,587	36,533
35708	34369	35899	56465	90146	56744
9,957	6,908	6,344	5,781	6,348	14,923
					1,046
9,957	6,908	6,344	5,781	6,348	6,474
					630
					5,368
					1,405
177,525	182,903	193,694	231,232	267,679	224,510
162,320	166,382	175,729	211,502	246,586	203,941
15,205	16,521	17,965	19,730	21,093	20,569
					401
					401
					1,237
					264
					537
					170
					136
					130
50,836	47,110	45,915	48,698	54,143	61,188
48,176	44,571	43,126	45,349	50,529	47,351
					8,784
					129
2,660	2,539	2,789	3,349	3,614	3,627
					1,297

Table 8.2 – VISITOR ARRIVALS TO THE PHILIPPINES

Country of Residence	1980	1981	1982	1983	1984
EUROPE	102,755	105,074	98,742	96,882	85,556
Austria 1/					
Belgium 1/					
Denmark	2,257	2,489	2,366	2,390	2,334
Finland	988	1,041	884	885	836
France	10,511	10,030	9,760	8,415	7,783
Germany, West	32,047	31,501	27,612	27,892	23,738
Greece 1/					
Ireland 1/					
Italy	8,729	8,976	8,701	8,287	7,020
Luxembourg 1/					
Netherlands	5,671	5,430	5,171	5,503	4,781
Norway	1,899	1,774	1,844	1,688	1,769
Poland 1/					
Portugal 1/					
Spain	5,617	6,301	4,926	3,828	2,134
Sweden	4,051	4,483	4,102	3,904	3,844
Switzerland	11,557	11,561	10,751	11,100	10,095
United Kingdom	19,428	21,488	22,625	22,990	21,222
USSR 1/					
Yugoslavia 1/					
MIDDLE EAST	10,583	15,254	16,374	14,209	17,809
Bahrain					
Iran 1/					
Israel 1/					
Jordan 1/					
Kuwait 1/					
Saudi Arabia	10,583	15,254	16,374	14,209	17,809
United Arab Emirates					
AFRICA 1/					
Egypt					
Nigeria					
South Africa					
OTHERS AND UNSPECIFIED	96,558	92,372	92,744	82,077	71,061
TOTAL	947,543	881,155	824,521	795,537	747,459
OVERSEAS FILIPINOS	60,616	57,798	66,286	65,013	69,253

1/ Data available only in 1990.
Source: Tourism Research and Statistics Division, Department of Tourism.

BY COUNTRY OF RESIDENCE, 1980 to 1990 (continued)

1985	1986	1987	1988	1989	1990
79,096	80,251	80,865	99,930	109,339	122,798
					3,317
					2,709
2,081	2,294	2,572	3,398	3,320	2,843
725	669	573	1,200	1,103	1,032
7,714	7,980	6,808	8,004	9,543	10,204
22,110	23,210	22,784	27,399	30,045	26,915
					754
					921
5,463	5,379	5,956	7,415	8,869	8,516
					86
4,355	4,325	4,818	6,109	6,543	6,487
1,622	1,999	1,912	2,411	2,726	3,023
					226
					1,185
1,851	1,415	1,770	2,403	2,978	2,827
3,984	4,838	5,557	6,883	6,759	6,389
9,512	8,826	8,248	9,993	10,853	10,382
19,679	19,316	19,867	24,715	26,600	33,465
					1,003
					514
13,539	19,976	20,396	17,778	15,052	20,742
					1134
					703
					2961
					605
					884
13,539	19,976	20,396	17,778	15,052	13,112
					1343
					795
					305
					285
					205
74,366	71,718	70,833	86,831	86,023	29,457
706,532	711,582	721,950	937,583	1,076,103	893,763
66,542	69,935	72,750	105,531	113,616	130,757

Table 8.3 – OVERSEAS FILIPINO ARRIVALS BY COUNTRY OF RESIDENCE 1989 to 1990

Country of Residence	1989	1990
Grand Total	113,616	130,757
Asia	15,481	13,716
East Asia	15,275	13,574
China (PROC)	31	25
Hongkong	9,280	7,825
Japan	5,312	5,254
Korea	106	73
Taiwan	546	397
South Asia	206	142
Bangladesh	63	39
India	68	40
Nepal	9	14
Pakistan	30	34
Sri Lanka	36	15
Asean	2,143	1,672
Brunei	313	281
Indonesia	518	378
Malaysia	289	173
Singapore	704	578
Thailand	319	262
North America	64,637	54,421
Canada	3,519	3,366
U.S.A.	61,118	51,055
Central America	134	74
Mexico	134	74
Western Europe	3,861	3,411
Austria	302	314
Belgium	95	91
France	261	232
Germany	2,596	2,202
Luxembourg	3	1
Netherlands	185	134
Switzerland	419	437
Southern Europe	1,284	1,090
Greece	53	33
Italy	854	688
Portugal	27	58
Spain	344	262
Yugoslavia	6	49

Country of Residence	1989	1990
Northern Europe	2,488	2,031
Denmark	120	106
Finland	21	18
Ireland	12	9
Norway	166	127
Sweden	232	171
United Kingdom	1,937	1,600
Oceania	9,548	8,680
Australia	3,883	3,678
Guam	3,948	3,547
Nauru	0	6
New Zealand	196	203
Papua New Guinea	1,521	1,246
Middle East	3,256	2,854
Bahrain	174	141
Iran	9	10
Israel	31	32
Jordan	28	35
Kuwait	274	234
Saudi Arabia	2,176	1,939
United Arab Emirates	564	463
Latin America	1,305	1,012
Argentina	6	26
Brazil	26	22
Colombia	1,239	944
Peru	3	2
Venezuela	31	18
Eastern Europe	6	9
Poland	1	0
U.S.S.R.	5	9
Africa	89	72
Egypt	0	3
Nigeria	48	46
South Africa	41	23
Others and Unspecified residence	9,384	41,715

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

Figure 8.3
AIR VISITOR ARRIVALS BY COUNTRY
OF RESIDENCE, 1990

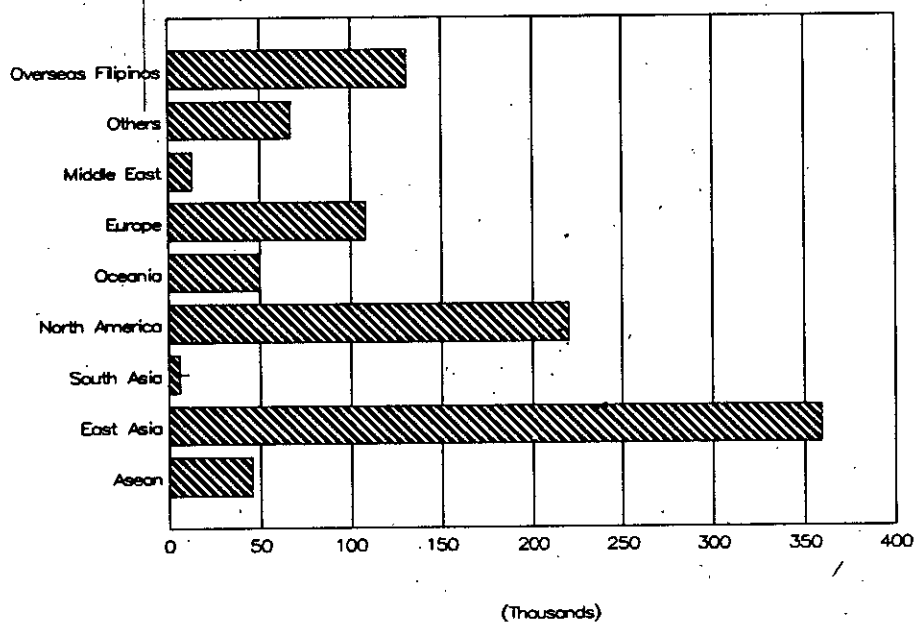

Figure 8.4
AIR VISITOR ARRIVALS BY PURPOSE
OF TRAVEL, 1990

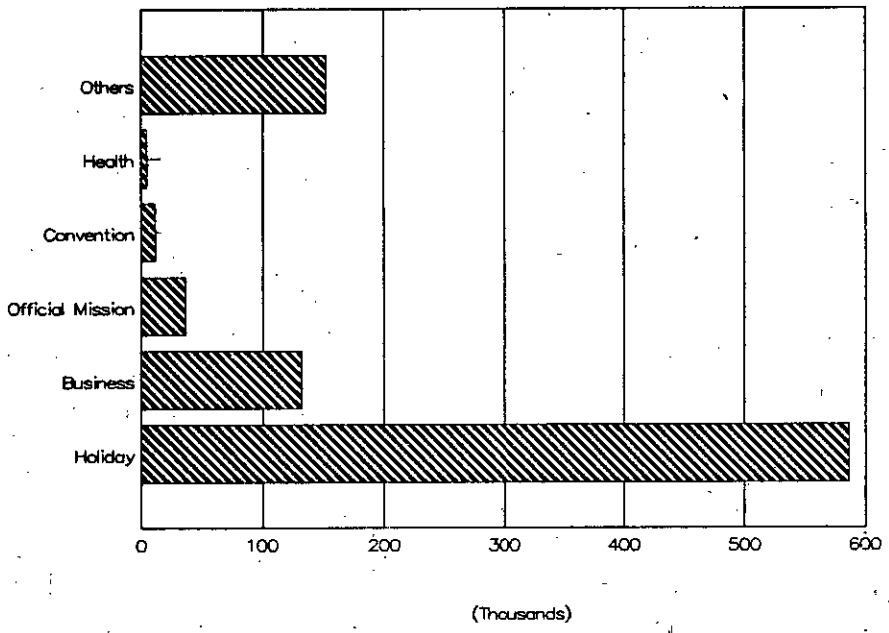

Table 8.4 – AIR VISITOR ARRIVALS BY COUNTRY OF

Travel Market	Total	Age		
		Under 15	15-19	20-24
Grand Total	1,162,412	81,523	27,592	96,265
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
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 Western 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

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

RESIDENCE AND AGE GROUP: 1989

Group					
25-34	35-44	45-54	55-64	65 & Above	Not Stated
303,995	298,571	179,955	89,506	44,356	40,649
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

Table 8.5 – AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

Year/Travel Market	Total	Purpose	
		Holiday	Business
1981	904,559	648,684	112,948
1982	859,133	605,061	116,050
1983	828,680	566,419	111,425
1984	765,404	510,712	99,626
1985	743,747	511,654	87,500
1986	751,401	507,292	91,545
1987	765,404	510,712	99,626
1988	953,772	659,841	128,467
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.

AND PURPOSE OF TRAVEL: 1981 to 1990

of		Travel		
Official Mission	Convention	Health	Others	Not Reported
23,702	12,387	4,466	56,556	45,816
21,699	13,290	4,719	58,288	40,026
20,838	11,667	4,791	53,095	60,445
20,934	8,338	4,703	65,603	55,488
19,565	7,828	5,154	54,860	57,186
19,123	9,009	4,739	60,489	59,204
20,934	8,338	4,703	65,603	55,488
43,897	11,286	3,465	76,807	30,009
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 8.5 – AIR VISITOR ARRIVALS BY COUNTRY OF RESIDENCE

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

AND PURPOSE OF TRAVEL: 1981 to 1990 (continued)

of Travel				
Official Mission	Convention	Health	Others	Not Reported
36,361	11,656	4,848	152,183	77,859
3,501	2,299	40	4,219	1,965
116	79	1	144	40
767	507	12	1,104	339
544	763	17	1,096	466
588	423	7	879	661
1,486	527	3	996	459
4,901	2,781	232	17,717	22,321
3,203	806	127	7,571	10,346
302	434	52	2,140	5,955
1,021	1,234	25	6,034	3,170
375	307	28	1,972	2,850
534	438	8	1,166	530
20,473	1,932	1,844	49,716	18,880
236	177	98	2,246	1,348
20,237	1,755	1,746	47,470	17,532
715	609	69	2,988	1,936
641	510	67	2,636	1,804
74	99	2	352	132
1,544	1,378	92	5,819	7,118
53	11	3	149	173
36	37	0	76	59
186	135	8	613	496
126	426	9	534	693
331	144	34	1,199	1,488
106	61	7	522	443
51	8	5	236	145
44	116	6	180	216
75	49	3	274	224
179	70	7	349	724
357	321	10	1,687	2,457
110	34	46	688	1,029
3,819	1,434	1,054	11,922	5,912
764	751	1,463	57,948	18,168

Table 8.6 – ESTIMATED TOURIST RECEIPTS : 1970 to 1990

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

1 Starting 1972, data include figures on arriving Filipinos permanently residing abroad.
2 The average length of stay for 1970–1979 were based on the results of the Visitor Sample Survey while the figures for 1980–1983 were computed from the Arrival/Departure Cards.

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

Table 8.7 – AVERAGE NUMBER OF ROOMS AND OCCUPANCY RATES OF HOTELS IN METRO MANILA BY HOTEL CATEGORY: 1980 to 1990

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

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

Note: New hotel category for 1988 to 1990.

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

9 VITAL, HEALTH AND NUTRITION STATISTICS

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

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

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

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

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

Other government agencies under the Department of Health which compile medical services and health statistics are the Bureau of Medical Services, the Bureau of Dental Services, Bureau of Food and Drug Administration and the Bureau of Quarantine.

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

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

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Table 9.1 – NUMBER OF REGISTERED MARRIAGES
(Rates per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1		Region 2		Region 3		Region 4		Region 5	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1960	143,048	5.2	a	0.0	11,460	4.7	4,964	4.1	15,295	5.9	36,963 b	6.6	10,380	4.4
1965	184,268	5.8	a	0.0	16,397	6.0	7,311	5.1	22,441	7.2	51,171 b	7.5	13,980	5.2
1970	255,873	7.0	a	0.0	20,111	6.7	9,707	5.7	30,542	8.2	78,928 b	9.4	16,828	5.6
1971	252,731	6.7	a	0.0	21,800	7.1	10,000	5.7	31,563	8.2	71,893 b	8.3	16,384	5.4
1972	248,261	6.4	a	0.0	21,008	6.7	11,143	6.2	30,754	7.7	71,826 b	8.0	15,137	4.9
1973	263,338	6.6	a	0.0	21,490	6.8	9,947	5.4	31,621	7.7	74,223 b	8.0	20,307	6.5
1974	287,984	7.0	a	0.0	21,485	6.6	11,429	6.1	33,078	7.8	76,495 b	7.9	22,495	7.1
1975	299,514	7.1	a	0.0	22,323	6.7	13,304	6.9	37,020	8.5	83,676 b	8.3	21,707	6.8
1976	303,988	7.0	47,456	9.0	24,563	7.2	12,940	6.5	36,480	7.9	40,638	8.1	20,696	6.2
1977	324,466	7.3	51,661	9.0	24,954	7.2	14,976	7.2	39,478	8.3	44,493	8.6	21,312	6.3
1978	340,108	7.5	55,850	9.9	26,128	7.6	15,051	7.2	41,771	9.1	46,830	8.3	21,987	6.6
1979	360,888	7.7	57,751	10.0	26,082	7.5	17,591	8.1	45,618	9.7	47,338	7.9	24,865	7.3
1980	354,300	7.3	59,708	10.0	26,663	7.5	16,058	7.2	43,231	9.0	47,862	7.8	21,827	6.3
1981	349,742	7.0	60,338	9.8	27,162	7.5	16,121	7.0	43,457	8.5	47,425	7.5	20,504	6.1
1982	351,819	6.9	62,585	9.9	27,256	7.4	16,915	7.2	44,820	8.8	47,140	7.2	18,600	5.1
1983	351,663	6.8	61,790	9.4	27,307	7.3	15,198	6.3	45,385	8.7	49,004	7.3	19,062	5.1
1984	380,171	7.1	64,570	9.6	27,321	7.1	16,275	6.6	45,878	8.6	52,976	7.7	22,336	5.8
1985	378,550	6.9	63,660	9.1	26,638	6.8	17,467	6.9	46,849	8.5	54,516	7.9	25,981	6.6
1986	389,482	6.9	63,187	8.8	27,197	6.8	17,976	7.0	46,783	8.4	55,057	7.6	24,425	6.1
1987	400,760	6.9	68,293	9.3	28,107	6.9	17,362	6.6	47,605	8.3	56,262	7.5	24,597	6.0
1988	393,514	6.7	71,805	9.5	27,587	6.8	16,680	6.1	46,996	8.0	51,804	6.7	20,462	4.9
1989	395,933	6.6	76,620	9.9	28,970	6.9	16,879	6.1	50,183	8.4	53,428	6.8	20,139	4.7

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

AND RATE BY REGION: 1960 TO 1989
1,000 population)

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

Table 9.2 – LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, MATERNAL DEATHS AND FOETAL DEATHS, PHILIPPINES: 1950 to 1988

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

1 Per 1,000 Population.

2 Per 1,000 live births.

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

Figure 9.1
NUMBER OF LIVE BIRTHS AND DEATHS,
PHILIPPINES, 1980-1988

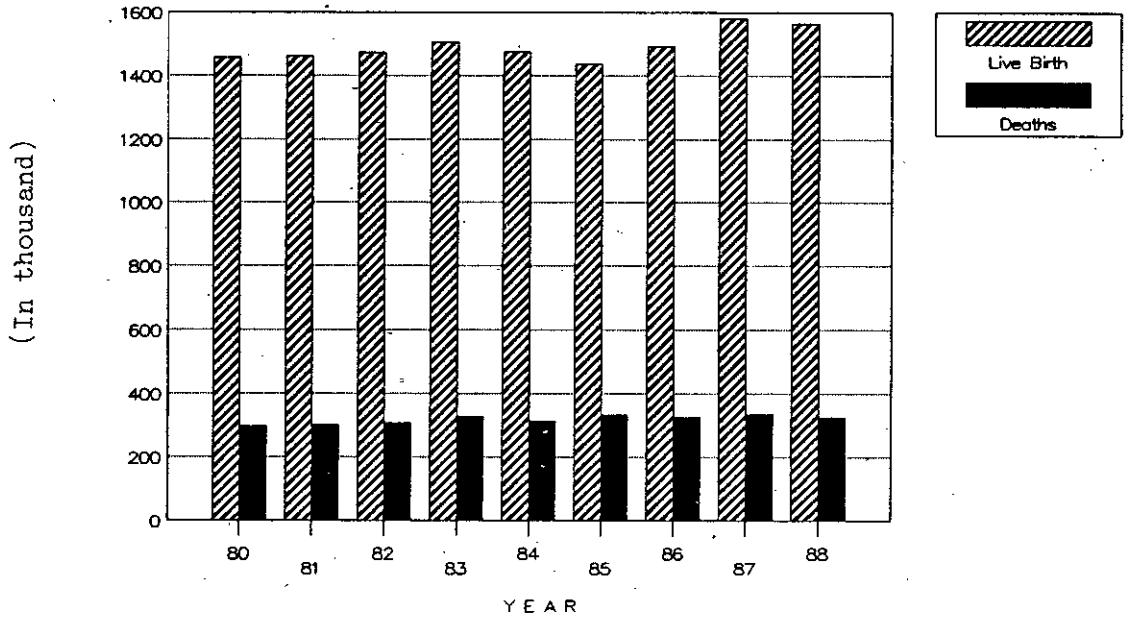

Figure 9.2
NUMBER OF LIVE BIRTHS AND DEATHS
BY REGION, 1988

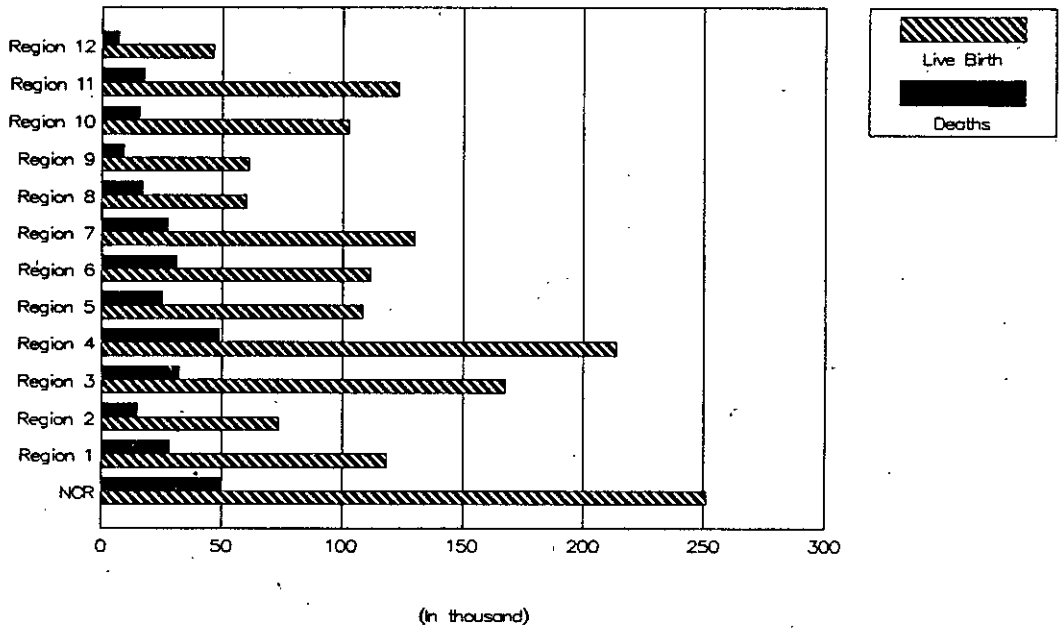

Table 9.3 – NUMBER OF REGISTERED LIVE
(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	642,472	31.7	a	0.0	81,079	38.0	31,149	43.4	67,078	34.3	146,266	b 37.7
1955	737,761	31.2	a	0.0	81,974	34.6	37,543	43.1	80,699	35.7	182,805	b 39.3
1960	649,651	23.7	a	0.0	77,102	31.5	33,564	27.6	77,157	29.7	200,647	b 35.9
1965	795,415	25.0	a	0.0	84,347	31.0	37,178	25.8	91,103	29.1	250,038	b 36.6
1970	966,762	26.2	a	0.0	94,644	31.5	48,590	28.6	113,881	30.5	288,997	b 34.6
1971	963,749	25.5	a	0.0	97,234	31.8	51,093	29.4	113,008	29.3	290,958	b 33.6
1972	968,385	24.9	a	0.0	96,026	30.8	51,105	28.7	115,311	29.0	290,100	b 32.3
1973	1,049,290	26.3	a	0.0	97,723	30.8	55,679	30.5	120,072	29.3	303,370	b 32.6
1974	1,081,073	26.3	a	0.0	95,964	29.7	55,385	29.6	121,159	28.6	301,081	b 31.3
1975	1,223,837	29.1	a	0.0	100,606	30.6	64,128	33.2	138,770	31.7	318,680	b 31.8
1976	1,314,860	30.1	181,590	33.6	107,745	32.3	67,594	32.9	150,245	33.4	174,543	35.5
1977	1,344,836	30.3	198,018	36.3	108,433	32.0	68,068	33.4	141,714	31.7	175,847	31.9
1978	1,387,588	30.5	194,605	34.4	118,154	34.3	80,474	38.5	148,030	32.2	181,915	32.2
1979	1,429,814	30.3	210,395	36.5	113,838	32.5	72,424	33.3	151,852	32.3	188,072	31.5
1980	1,456,860	30.3	217,612	36.9	115,920	32.8	71,581	32.5	157,470	32.9	192,888	31.7
1981	1,461,204	29.5	221,533	36.1	119,083	33.0	70,903	31.1	157,332	31.8	197,310	31.1
1982	1,474,491	29.0	221,564	34.9	119,972	32.6	73,672	31.5	157,160	31.0	199,143	30.6
1983	1,506,356	28.9	224,058	34.3	120,325	32.0	73,429	30.6	161,370	31.1	202,665	30.2
1984	1,475,844	27.7	225,795	33.5	119,663	31.3	70,866	28.8	159,837	30.0	205,125	29.8
1985	1,437,154	26.3	217,355	31.3	113,798	29.2	71,079	28.2	153,359	28.1	202,131	28.5
1986	1,493,995	26.7	229,534	32.1	116,808	29.4	71,988	27.9	159,498	28.5	208,917	28.7
1987	1,582,469	27.6	242,905	33.0	120,972	30.2	72,957	27.5	167,576	29.1	221,017	29.5
1988	1,565,372	26.7	250,861	33.5	118,154	28.2	73,371	27.4	167,644	29.0	213,778	28.0

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

BIRTHS AND RATE BY REGION: 1950 to 1988
1,000 population)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
62,124	35.2	58,973	22.5	75,896	34.8	55,139	30.4	10,987	13.0	28,746	29.7	15,907	29.6	9,128	10.3
63,303	30.7	65,920	23.0	77,172	32.6	54,808	28.3	16,070	15.0	34,241	30.7	27,323	31.7	15,903	12.9
50,996	21.4	34,574	11.2	62,131	24.5	21,705	10.6	13,388	9.8	29,179	22.2	31,395	22.8	17,813	12.7
63,617	23.8	45,026	13.4	77,261	27.7	31,900	14.4	17,949	11.2	37,143	23.2	35,485	20.3	24,368	14.7
74,048	24.8	52,321	14.4	91,062	29.9	39,103	16.3	24,208	12.9	47,619	24.3	68,277	30.9	24,012	12.3
71,918	23.8	55,337	15.0	92,216	29.7	37,028	15.3	23,984	12.4	48,229	23.6	61,861	26.7	20,883	10.4
76,801	25.0	56,257	15.1	88,584	28.0	34,542	14.2	21,355	10.6	49,500	23.3	67,946	28.0	20,858	10.0
87,206	27.9	65,977	17.5	94,244	29.2	41,208	16.7	23,861	11.5	56,499	25.5	78,440	30.9	25,011	11.6
88,882	28.0	76,441	20.0	93,359	28.4	46,150	18.6	29,779	13.9	63,372	27.5	82,546	31.0	26,955	12.1
103,702	32.5	99,771	24.1	104,699	30.9	52,397	20.2	37,388	18.3	74,506	32.2	95,523	35.2	33,667	16.3
107,701	33.1	107,022	25.0	108,395	31.2	55,036	19.8	39,818	18.8	76,845	31.1	100,946	35.7	37,380	17.6
105,418	31.7	107,773	24.7	108,053	30.5	55,885	20.8	47,668	22.2	82,388	33.5	105,781	36.1	39,790	18.5
105,037	31.6	102,213	22.9	111,147	30.7	55,266	20.6	50,053	22.9	88,952	35.2	108,232	35.8	43,510	19.9
111,814	32.6	110,124	24.7	112,925	30.3	58,227	21.0	55,962	22.8	89,107	33.1	111,146	34.3	43,928	19.3
111,988	32.2	112,200	24.8	114,054	30.2	57,887	20.7	55,283	21.9	91,125	33.1	114,093	34.2	44,759	19.8
109,429	30.7	114,966	24.8	114,804	29.6	56,929	19.9	52,254	20.1	87,583	30.6	113,821	32.7	45,257	19.5
108,204	29.6	118,416	24.9	117,621	29.8	57,804	19.9	50,243	18.8	88,754	30.3	115,822	32.6	46,116	19.2
108,497	29.0	117,466	24.1	119,703	29.7	60,278	20.3	56,912	20.8	92,689	30.8	120,565	33.1	48,399	19.6
105,697	27.6	105,842	21.3	113,726	21.3	58,211	19.3	57,127	20.4	89,715	29.0	115,618	30.9	48,622	19.2
109,936	28.0	98,289	19.3	112,124	26.7	54,143	17.6	53,693	18.8	90,159	28.4	113,574	29.6	47,514	18.3
109,973	27.4	105,232	20.2	118,954	27.8	57,651	18.4	55,824	19.1	92,657	28.4	118,243	30.1	48,716	18.3
117,683	28.6	114,823	21.6	127,899	29.3	60,236	18.9	58,687	19.6	101,569	30.3	127,160	31.5	48,985	17.9
108,163	25.7	111,265	20.2	129,566	29.3	59,906	18.4	60,959	20.3	102,355	29.5	123,128	28.7	46,222	16.5

Table 9.4 – NUMBER OF REGISTERED DEATHS
(Rate per

Year	Philippines		Metropolitan Manila Area (National Capital Region)		Region 1		Region 2		Region 3		Region 4	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	226,505	11.2	a	0.0	26,703	1.2	10,719	14.9	26,057	13.3	45,507 b	11.7
1955	212,798	9.0	a	0.0	22,873	9.6	11,333	13.0	21,652	9.6	42,403 b	9.1
1960	186,544	7.2	a	0.0	20,709	8.5	12,174	10.0	10,291	7.8	47,543 b	8.5
1965	234,935	7.4	a	0.0	24,022	8.8	12,847	8.9	23,468	7.5	56,240 b	8.2
1970	234,038	6.4	a	0.0	22,441	7.5	11,211	6.6	23,163	6.2	61,235 b	7.8
1971	250,209	6.6	a	0.0	24,246	7.9	12,491	7.2	24,091	6.2	66,831 b	7.7
1972	285,761	7.3	a	0.0	27,260	8.8	14,606	8.2	28,260	7.1	76,256 b	8.5
1973	282,140	7.1	a	0.0	26,334	8.3	15,768	8.6	26,831	6.5	67,964 b	7.3
1974	283,975	6.9	a	0.0	26,267	8.1	15,403	8.2	26,830	6.3	71,416 b	7.4
1975	271,136	6.4	a	0.0	25,008	7.6	14,234	7.4	26,647	6.1	68,239 b	6.8
1976	299,861	6.9	42,003	7.8	24,972	7.5	14,936	7.3	27,068	6.2	38,385	7.8
1977	308,904	2.0	49,770	9.1	25,876	7.6	14,181	7.0	28,190	6.3	38,408	7.0
1978	297,034	6.5	40,468	7.2	25,602	7.4	15,151	7.2	27,580	6.0	37,949	6.7
1979	306,427	6.5	42,888	7.4	26,718	7.6	15,675	7.2	28,705	6.1	39,898	6.7
1980	298,006	6.2	42,277	7.2	25,869	7.3	15,336	7.0	27,901	5.8	37,805	6.2
1981	301,117	6.1	42,560	6.9	26,503	7.3	15,321	6.7	28,092	5.7	39,263	6.2
1982	308,758	6.1	44,833	7.1	27,378	7.4	15,435	6.6	28,948	5.7	40,927	6.3
1983	327,260	6.3	45,897	7.0	28,063	7.5	15,888	6.6	30,504	5.9	43,164	6.4
1984	313,359	5.9	44,617	6.6	28,750	7.5	15,290	6.2	29,595	5.6	41,445	6.0
1985	334,663	6.1	48,704	7.0	30,346	7.8	15,084	6.0	33,151	6.1	44,758	6.3
1986	326,749	5.8	44,532	6.2	29,203	7.4	15,923	6.2	31,686	5.7	45,917	6.3
1987	335,254	5.8	51,606	7.0	28,393	7.0	15,274	5.8	31,675	5.5	47,334	6.3
1988	325,098	5.5	49,470	6.6	28,340	6.8	14,962	5.6	32,210	5.6	48,631	6.4

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

AND RATE BY REGION: 1950 to 1988
1,000 population)

Region 5		Region 6		Region 7		Region 8		Region 9		Region 10		Region 11		Region 12	
Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
19,892	11.3	27,284	10.4	27,205	12.5	20,703	11.4	4,140	5.0	11,532	11.9	3,768	7.0	2,995	3.4
18,713	9.1	25,506	8.9	26,296	11.1	20,167	10.4	4,752	4.4	11,149	10.0	4,304	5.6	3,650	3.0
18,476	7.7	19,701	6.4	20,414	8.0	13,490	6.6	4,010	2.9	9,995	7.6	5,532	4.0	4,209	3.0
21,075	7.9	22,223	6.6	26,799	9.6	17,609	7.9	5,997	3.7	11,158	7.0	7,842	4.5	5,655	3.4
19,507	6.5	23,084	6.4	23,327	7.7	15,751	6.6	6,755	6.6	11,726	6.0	11,087	5.0	4,751	2.4
22,314	7.4	25,222	6.9	23,583	7.6	17,978	7.4	6,435	3.3	11,707	5.7	10,852	4.7	4,459	2.2
24,108	7.8	28,973	7.8	28,113	8.9	19,020	7.8	7,412	3.7	13,952	6.6	13,371	5.5	4,430	2.1
27,978	9.0	28,461	7.5	29,418	9.1	19,726	8.0	6,661	3.9	14,041	6.3	12,231	4.8	6,727	3.1
24,702	7.8	29,283	7.7	28,055	8.5	19,511	7.9	8,036	3.8	13,773	6.0	14,918	5.6	5,781	2.6
23,311	7.3	27,587	6.7	26,153	7.7	18,844	7.2	9,544	4.7	13,163	5.7	12,924	4.8	5,482	2.6
25,551	7.9	31,412	7.4	27,646	7.9	20,280	7.3	10,524	5.0	15,504	6.5	14,868	5.3	6,712	3.2
26,738	8.1	31,209	7.1	29,309	8.3	20,681	7.7	8,892	4.2	14,376	5.8	15,062	5.1	6,212	2.9
26,114	7.8	30,912	6.9	26,911	7.6	19,784	7.3	9,702	4.4	14,835	5.9	15,548	5.1	6,478	3.0
25,742	7.5	31,589	7.1	28,100	7.5	20,334	7.3	9,798	4.0	14,586	5.4	16,283	5.0	6,111	2.7
24,991	7.2	31,378	6.9	26,872	7.1	19,073	6.8	9,554	3.8	14,913	5.4	15,736	4.7	6,301	2.8
26,016	7.3	30,697	6.6	26,890	6.9	18,730	6.5	7,984	3.1	15,514	5.4	16,588	4.8	6,959	3.0
26,015	7.1	31,831	6.7	26,373	6.7	19,187	6.6	7,856	2.9	16,176	5.5	16,666	4.7	7,133	3.0
27,225	7.3	33,779	6.9	30,682	7.6	18,958	6.4	9,932	3.6	17,233	5.7	18,180	5.0	7,755	3.1
24,531	6.4	31,888	6.4	27,433	6.7	18,394	6.1	9,614	3.4	16,545	5.3	17,545	4.7	7,712	3.1
25,929	6.6	35,117	6.9	28,612	6.8	19,532	6.4	10,811	3.8	17,330	5.4	17,214	4.5	8,075	3.1
26,913	6.7	32,301	6.2	28,831	6.7	18,018	5.8	10,425	3.6	17,503	5.4	17,864	4.5	7,624	2.9
29,820	7.2	32,959	6.2	28,538	6.5	18,460	5.8	9,786	3.3	16,287	4.9	17,754	4.4	7,368	2.7
25,274	6.0	31,330	5.7	27,604	6.2	17,280	5.3	9,546	3.2	15,708	4.5	17,658	4.1	7,085	2.5

Table 9.5 – MORTALITY: ALL CAUSES

Age Group	Philippines			Metropolitan Manila Area (National Capital Region)			Region 1		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All Ages	325,098	192,044	133,054	49,470	29,545	19,925	28,340	15,900	12,440
Under 1 year	47,187	27,335	19,852	8,106	4,690	3,416	3,800	2,213	1,587
1– 4 years	32,456	17,488	14,968	4,066	2,182	1,884	2,323	1,221	1,102
5– 9 years	10,975	6,111	4,864	1,193	699	494	790	418	372
10–14 years	5,710	3,155	2,555	646	367	279	384	208	176
15–19 years	7,793	5,047	2,746	1,136	713	423	584	377	207
20–24 years	10,400	7,329	3,071	1,910	1,380	530	735	514	221
25–29 years	11,527	8,158	3,369	2,215	1,634	581	828	583	245
30–34 years	11,199	7,737	3,462	2,001	1,393	608	819	566	253
35–39 years	11,811	8,059	3,752	1,962	1,360	602	866	589	277
40–44 years	11,232	7,665	3,567	1,904	1,306	598	957	625	332
45–49 years	12,945	8,767	4,178	2,104	1,419	685	1,053	701	352
50–54 years	14,871	9,670	5,201	2,491	1,574	917	1,198	771	427
55–59 years	15,455	10,108	5,347	2,639	1,697	942	1,249	808	441
60–64 years	17,901	11,292	6,609	3,048	1,938	1,110	1,482	906	576
65–69 years	19,168	11,391	7,777	3,091	1,806	1,285	1,715	1,008	707
70 years and over	84,460	42,729	41,731	10,957	5,387	5,570	9,557	4,392	5,165
Not stated	8	3	5	1	-	1	-	-	-

Source: National Statistics Office.

BY AGE, SEX AND BY REGION: 1988

Region 2			Region 3			Region 4			Region 5		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
14,962	8,975	5,987	32,210	18,699	13,511	48,631	28,767	19,864	25,274	14,536	10,738
2,585	1,513	1,072	4,179	2,405	1,774	7,290	4,294	2,996	3,751	2,104	1,647
1,676	909	767	2,612	1,425	1,187	5,314	2,824	2,490	3,487	1,893	1,594
495	259	236	946	530	416	1,596	892	704	1,080	597	483
300	163	137	511	274	237	856	455	401	545	294	251
431	287	144	709	455	254	1,080	687	393	632	389	243
482	338	144	948	645	303	1,475	1,026	449	722	453	269
536	377	159	1,029	690	339	1,657	1,148	509	813	530	283
512	350	162	951	631	320	1,711	1,211	500	743	451	292
532	365	167	1,148	724	424	1,704	1,179	525	741	486	255
506	351	155	1,125	740	385	1,536	1,055	481	751	488	263
535	368	167	1,214	808	406	1,805	1,227	578	876	551	325
674	443	231	1,524	977	547	2,124	1,426	698	962	642	320
682	452	230	1,632	1,056	576	2,299	1,562	737	1,064	675	389
785	498	287	1,887	1,230	657	2,545	1,614	931	1,287	829	458
792	506	286	2,067	1,241	826	2,837	1,704	1,133	1,314	774	540
3,439	1,796	1,643	9,728	4,868	4,860	12,802	6,463	6,339	6,505	3,379	3,126
-	-	-	-	-	-	-	-	-	1	1	-

Table 9.5 – MORTALITY: ALL CAUSES

Age Group	Region 6			Region 7			Region 8		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
All Ages	31,330	18,829	12,501	27,604	15,579	12,025	17,280	10,092	7,188
Under 1 year	3,936	2,317	1,619	3,860	2,205	1,655	2,062	1,152	910
1– 4 years	2,386	1,302	1,084	2,616	1,423	1,193	2,156	1,157	999
5– 9 years	952	552	400	956	527	429	882	473	409
10–14 years	566	306	260	475	306	169	351	194	157
15–19 years	744	489	255	583	399	184	407	253	154
20–24 years	1,004	735	269	718	498	220	500	338	162
25–29 years	1,122	816	306	782	506	276	524	364	160
30–34 years	1,114	821	293	795	508	287	522	334	188
35–39 years	1,161	823	338	888	575	313	621	434	187
40–44 years	1,124	800	324	854	570	284	596	411	185
45–49 years	1,348	942	406	1,017	629	388	643	439	204
50–54 years	1,527	1,009	518	1,230	740	490	803	513	290
55–59 years	1,516	1,006	510	1,268	797	471	814	523	291
60–64 years	1,702	1,026	676	1,606	934	672	1,028	662	366
65–69 years	1,961	1,145	816	1,721	976	745	1,040	597	443
70 years and over	9,162	4,739	4,423	8,235	3,986	4,249	4,331	2,248	2,083
Not stated	5	1	4	-	-	-	-	-	-

BY AGE, SEX AND BY REGION: 1988 (continued)

Region 9			Region 10			Region 11			Region 12		
Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
9,546	5,985	3,561	15,708	9,497	6,211	17,658	11,118	6,540	7,085	4,522	2,563
1,526	905	621	2,663	1,554	1,109	2,354	1,369	985	1,075	614	461
1,192	633	559	1,791	960	831	1,991	1,086	905	846	473	373
381	208	173	687	391	296	722	408	314	295	157	138
198	103	95	325	176	149	387	211	176	166	98	68
302	213	89	407	261	146	564	377	187	214	147	67
366	270	96	533	373	160	731	548	183	276	211	65
394	311	83	563	406	157	749	559	190	315	234	81
430	314	116	546	381	165	742	548	194	313	229	84
419	294	125	667	456	211	783	539	244	319	235	84
361	251	110	552	382	170	663	467	196	303	219	84
421	307	114	686	484	202	864	605	259	379	287	92
431	292	139	723	484	239	869	574	295	315	225	90
380	275	105	701	465	236	893	579	314	318	213	105
484	331	153	761	485	276	934	603	331	352	236	116
494	321	173	820	479	341	972	614	358	344	220	124
1,767	957	810	3,283	1,760	1,523	3,440	2,031	1,409	1,254	723	531
-	-	-	-	-	-	-	-	-	1	1	-

Table 9.6 – MORTALITY: TEN LEADING CAUSES, NUMBER AND CRUDE DEATH RATES AND PERCENT OF TOTAL DEATHS, PHILIPPINES: 1983 TO 1987 and 1988
(Crude death rate per 100,000 population)

Cause	5 - Year Average (1983 - 1987)			1988		
	Number	Rate	Percent of Total Deaths	Number	Rate	Percent of Total Deaths
1. Pneumonias	50,166	91.8	15.3	47,444	80.8	14.6
2. Diseases of the heart	35,582	65.1	10.9	40,566	69.1	12.5
3. Tuberculosis, all forms	29,506	54.0	9.0	27,020	46.0	8.3
4. Diseases of the vascular system	28,116	51.5	8.6	31,504	53.7	9.7
5. Malignant neoplasms	18,520	33.9	5.7	21,184	36.1	6.5
6. Diarrheas	11,917	21.8	3.6	10,511	17.9	3.2
7. Accidents	9,649	17.7	2.9	11,456	19.5	3.5
8. Septicimia	4,116	7.5	1.3	4,694	8.0	1.4
9. Measles	8,799	16.1	2.7	7,775	13.2	2.4
10. Nephritis, nephrotic syndrome and neprosis	5,125	9.4	1.6	4,930	8.4	1.5

Source: Health Intelligence Services, Department of Health

Figure 9.3
NUMBER OF REPORTED ACCEPTORS
BY METHOD OF FAMILY PLANNING, PHILIPPINES, 1990

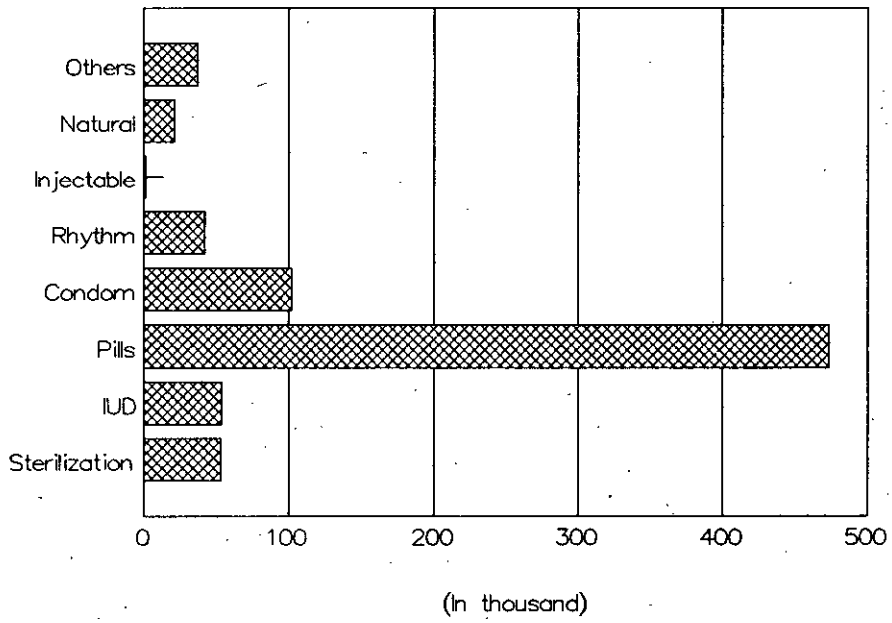

Figure 9.4
NUMBER OF HOSPITALS BY TYPE,
BY REGION, 1990

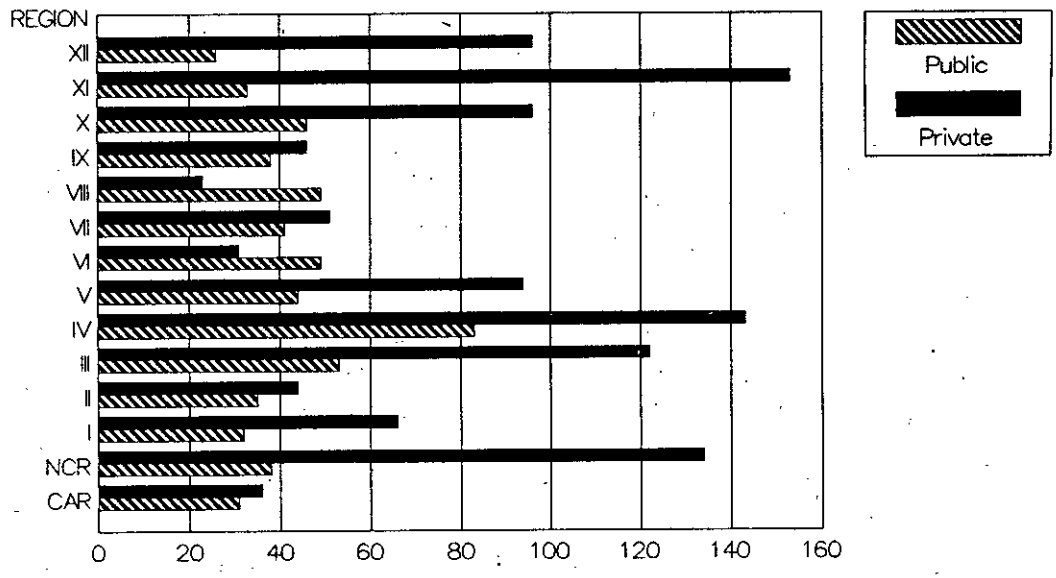

Table 9.7 – NUMBER OF REGISTERED INFANT MORTALITY

(Rate per

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

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 1988
1,000 livebirths)

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

Table 9.8 – INFANT MORTALITY: TEN LEADING CAUSES, NUMBER AND RATE PER 1,000 LIVE BIRTHS AND PERCENT OF INFANT DEATHS, PHILIPPINES: 1983 to 1988

Cause	5 - Year Average (1983-1987)			1988		
	Number	Rate	Percent of Infant Deaths to Total Deaths	Number	Rate	Percent of Infant Deaths to Total Deaths
1. Pneumonias	14,457	9.7	25.9	12,597	8.0	26.7
2. Respiratory conditions of fetus and newborn	7,532	5.0	13.5	6,374	4.1	13.5
3. Diarrheas	4,277	2.9	7.7	3,112	2.0	6.6
4. Congenital Anomalies	2,433	1.6	4.4	2,288	1.5	4.8
5. Avitaminoses and other nutritional deficiency	2,332	1.6	4.2	1,610	1.0	3.4
6. Measles	1,871	1.3	3.4	1,547	1.0	3.3
7. Birth injury and difficult labor	1,441	1.0	2.6	1,564	1.0	3.3
8. Acute bronchitis and bronchiolitis	896	0.6	1.6	656	0.4	1.4
9. Septicemia	1,048	0.7	1.9	1,182	0.8	2.5
10. Meningitis	692	0.5	1.2	649	0.4	1.4

Source: Health Intelligence Service, Department of Health.

Table 9.9 – MORBIDITY: TEN LEADING CAUSES, NUMBER AND CRUDE RATES, PHILIPPINES: 1983 TO 1988 (Rate per 100,000 population)

Cause	5-Year Average (1983-1987)		1988	
	Number	Rate	Number	Rate
1. Bronchitis	558,276	950.7	759,511	1,293.4
2. Diarrheas	511,268	870.6	640,185	1,090.2
3. Influenza	410,177	698.5	576,404	981.6
4. Pneumonias	179,150	305.1	201,902	343.8
5. Tuberculosis, all forms	146,119	248.8	183,113	311.8
6. Malaria	105,945	180.4	114,679	195.3
7. Accidents	80,330	136.8	110,805	188.7
8. Measles	64,641	110.1	70,801	120.6
9. Malignant neoplasms	25,696	43.8	28,940	49.3
10. Diseases of the heart	59,713	101.7	76,221	129.8

Source: Health Intelligence Service, Department of Health

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

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

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

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

c The estimates starting 1980 made use of the Moderate Mortality Decline 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
Diarrheas	230,553	15,090	512,042	14,776	512,042	7,847
Tuberculosis	93,157	28,580	142,569	28,161	142,569	15,448
Leprosy	1,058	89	1,827	53	1,827	53
Diphtheria	1,812	491	2,995	260	2,995	260
Whooping Cough	14,241	72	19,869	281	19,869	281
Tetanus	2,673	941	3,092	1,044	3,092	1,044
Acute Poliomyelitis	355	94	740	81	740	81
Varicella	1,665	15	4,786	19	4,786	19
Measles	37,307	9,286	67,285	5,221	67,285	2,598
H-Fever	1,684	305	2,545	89	2,545	89
Infectious Hepatitis	9,183	653	15,080	658	15,080	658
Malaria	45,716	1,086	110,307	651	110,307	651
Syphilis	102	16	72	14	72	14
Gonococcal Infections	11,933	5	13,575	0	13,575	12
Schistosomiasis	3,319	452	6,411	108	6,411	108
Filariasis	74	5	431	30	431	30
Malignant Neoplasms	25,838	17,997	26,905	16,090	8,402	5,368
Bronchitis	300,286	2,052	552,959	3,618	552,958	3,618
Pneumonias	123,420	48,650	179,587	47,513	179,587	30,141
Influenza	232,768	1,215	416,634	8,935	416,634	8,935
Accidents	0	0	83,407	8,946	83,407	1,153
Diseases of the Heart	0	0	8,477	2,501	39,383	11,501

Source: Health Intelligence Service, Department of Health.

AND DEATHS BY CAUSE
1982 TO 1988

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

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

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

Source: National Statistics Office.

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

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

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

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

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

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

Table 9.13 – DAILY PER CAPITA AVAILABLE
(Grams

Year	All types	Cereals & cereal products	Roots and tubers	Sugar and syrup	Pulses and nuts	Vege-tables
1955	804.4	320.8	119.2	35.2	15.5	87.5
1960	813.5	312.0	116.9	29.8	38.0	78.4
1965	1,001.1	364.6	117.8	50.6	34.5	75.3
1970	1,001.7	376.2	81.2	45.2	15.9	79.2
1971	965.7	391.9	58.2	49.3	14.8	78.1
1972	950.2	363.2	65.9	51.4	13.8	76.8
1973	851.4	248.8	73.2	28.7	3.8	81.7
1974	892.8	259.8	84.1	31.7	4.1	85.2
1975	944.2	313.6	82.4	32.6	4.9	85.2
1976	973.5	310.3	78.9	32.2	4.8	87.9
1977	1,012.8	304.9	90.6	32.4	5.1	93.9
1978	1,057.4	303.3	98.1	29.6	4.9	102.4
1979	1,077.5	319.9	99.0	32.1	5.4	107.7
1980	1,126.2	339.9	91.5	29.6	5.4	115.1
1981	1,113.1	340.0	93.7	23.8	4.9	116.2
1982	1,165.6	348.7	81.2	27.6	4.9	115.1
1983	1,137.9	319.2	60.5	27.1	4.1	100.3
1984	1,183.9	336.7	64.3	30.9	3.9	95.9
1985	1,025.1	329.0	63.6	25.2	4.9	95.0
1986 R	1,032.6	335.9	62.1	26.1	9.5	100.5
1987	1,022.8	331.6	61.1	26.8	10.6	99.2
1988	1,049.8	346.2	61.9	28.0	10.0	96.6

R revised

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

FOOD SUPPLY, PHILIPPINES: 1955 to 1988
per day)

Fruits	Meat products	Milk and milk products	Eggs	Fish & other marine products	Fats and oils	Miscel-laneous
88.4	43.2	26.6	8.7	51.8	5.8	1.7
85.0	43.2	33.6	9.3	56.8	6.8	3.7
125.8	35.9	39.8	6.5	85.7	7.1	57.5
133.8	42.6	43.2	8.2	103.3	8.2	64.7
99.6	41.9	43.0	8.7	103.3	8.4	68.5
99.2	43.2	47.1	8.7	107.3	10.0	63.6
97.6	59.5	74.9	13.4	77.2	17.2	75.4
106.1	57.5	75.1	13.1	79.8	15.5	80.8
118.3	57.8	74.0	13.2	82.8	15.6	63.8
120.1	51.8	74.8	12.4	82.2	18.9	99.2
120.8	49.2	76.5	12.1	84.6	22.7	120.0
150.2	52.1	75.4	15.1	85.5	20.8	120.0
172.3	43.4	74.8	12.9	81.9	17.0	111.1
180.5	53.4	75.9	12.6	84.6	19.2	118.6
144.4	57.2	74.8	13.5	87.4	17.2	140.0
173.9	56.8	75.6	13.5	94.3	15.5	158.5
186.5	57.8	75.1	13.9	99.8	13.6	180.0
169.7	57.5	74.8	13.1	94.4	12.0	230.7
149.5	51.2	75.1	11.3	89.3	12.7	118.1
171.6	48.0	63.2	10.4	96.2	11.7	97.4
165.8	49.3	60.7	10.9	99.8	10.6	96.4
164.7	58.9	63.1	11.7	103.2	12.7	92.8

Table 9.14 – CALORIE AND NUTRIENT VALUES OF DAILY PER CAPITA AVAILABLE FOOD SUPPLY, PHILIPPINES: 1955 to 1988

Year	Grams per day		Calories per day		Protein (Grams per day)		Fats (Grams per day)
	Value	Percent of sufficiency	Value	Percent of sufficiency	Value	Percent of sufficiency	Value
1955	804	80.0	1,766	88.3	44	90.2	2
1960	814	80.9	1,782	89.1	43	88.7	10
1965	1,001	99.5	2,103	105.1	51	103.7	10
1970	1,002	99.6	2,097	104.8	54	110.8	26
1971	966	96.0	2,123	106.2	55	112.3	26
1972	950	94.5	2,047	102.4	53	108.0	28
1973	851	82.6	1,839	90.5	55	107.5	42
1974	893	86.6	1,924	94.7	56	110.4	41
1975	944	91.6	2,077	102.2	59	116.9	41
1976	674	65.3	2,112	103.9	59	116.5	43
1977	1,013	98.2	2,187	107.6	60	118.7	47
1978	1,057	102.6	2,208	108.7	61	120.7	47
1979	1,078	104.5	2,256	111.0	62	121.5	43
1980	1,126	109.2	2,373	116.8	66	128.9	46
1981	1,113	108.0	2,374	116.8	67	131.1	46
1982	1,166	113.1	2,443	120.2	69	135.6	45
1983	1,138	110.4	2,321	114.2	67	132.7	44
1984	1,184	114.8	2,374	116.8	66	130.5	42
1985	1,025	99.4	2,248	110.6	64	126.8	40
1986 R	1,033	96.5	2,232	105.1	58	113.6	37
1987	1,023	96.9	2,195	105.0	57	112.2	37
1988	1,050	98.3	2,300	108.2	61	120.0	40

R revised

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 1990

Year	Number of hospitals			Bed capacity			Bed capacity per 10,000 population
	Total	Government	Private	Total	Government	Private	
1963–64	374	136 a	238 c	26,600	15,400	11,200	8.7
1968–69	799	318 b	481	53,793	34,342	19,451	15.1
1969–70	650	220	430	40,289	19,725	20,564	11.0
1970–71	640	209	431	41,153	20,400	20,753	10.9
1971–72	693	244	449	43,124	21,700	21,424	11.1
1972–73	768	254	514	45,986	22,325	23,661	11.5
1973–74	845	275	570	65,045	39,451	25,594	15.8
1975	969	363	606	69,774	41,692	28,082	16.5
1976	1,036	366	670	75,600	44,525	31,075	17.6
1977	1,149	372	777	79,621	45,161	34,460	17.8
1978	1,213	376	837	81,646	45,517	36,129	17.9
1979	1,483	395	1,088	72,035	31,774	40,261	18.0
1980	1,607	413	1,194	81,796	39,445	42,351	18.2
1981	1,599	487	1,112	74,006	41,292	32,714	13.0
1982	1,713	519	1,194	88,250	48,199	40,051	17.5
1983	1,705	526	1,179	85,050	46,095	38,955	16.3
1984	1,839	612	1,227	90,279	47,861	42,418	16.9
1985	1,814	624	1,190	89,508	48,395	41,113	15.5
1986	1,846	617	1,229	88,440	48,690	39,750	15.9
1987	1,754	581	1,173	86,821	46,330	40,491	15.1
1988	1,766	579	1,187	85,943	46,236	39,707	16.8
1989	1,696	564	1,132	84,985	46,639	38,346	14.1
1990	1,733	598	1,135	87,133	49,273	37,860	14.2

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

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

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

Source: Bureau of Medical Services, Department of Health.

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

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

Source: National Nutrition Surveys, Philippines, 1982 and 1987. Food and Nutrition Research Institute, Department of Science and Technology.

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

Nutrient	1982	1987	% Increase/ (Decrease) from 1982 to 1987
Energy (kcal)	1,808	1,753	(3.0)
Protein (g)	50.6	49.7	(1.8)
Iron (mg)	10.8	10.7	(0.9)
Calcium (g)	0.45	0.4	(6.7)
Thiamine (mg)	0.74	0.7	(8.1)
Riboflavin (mg)	0.58	0.6	(3.4)
Niacin (mg)	16.4	16.3	(0.6)
Ascorbic Acid (mg)	61.6	53.6	(13.0)
Fat (g)	30	30.0	–
Carbohydrates (g)	327	313.0	(4.3)

Source: National Nutrition Surveys, Philippines, 1982 and 1987. Food and Nutrition Research Institute, Department of Science and Technology.

Table 9.18 – NUMBER OF REPORTED ACCEPTORS BY METHOD OF FAMILY PLANNING, PHILIPPINES: 1983 to 1990

Methods	1983	1984[1]	1985	1986	1987	1988	1989	1990
Total	229,176	628,190	408,767	504,832	553,895	526,621	659,882	782,945
Sterilization	30,707	111,311	86,047	79,994	70,698	65,655	50,674	52,940
Female(BTL)	29,315	0	80,187	76,525	0	63,734	49,068	51,402
Male(VAS)	1,392	0	5,860	3,469	0	1,921	1,606	1,538
IUD	35,121	69,384	45,395	47,560	47,376	40,496	45,608	53,527
Pills	109,371	134,514	183,997	257,566	286,425	289,533	397,556	473,529
Condom	42,969	31,290	31,646	52,223	53,778	55,104	96,140	101,990
Rhythm	7,957	126,364	28,395	29,636	42,662	31,918	29,054	41,984
Injectable	0	0	4,803	10,678	10,240	9,583	4,328	1,008
Natural Family Planning(NFP)	0	0	0	0	16,271	14,757	19,817	21,103
Others	3,051	155,327	28,484	27,175	26,445	19,575	16,705	36,864

1 Projections.

Source: Commission on Population.

Table 9.19 – NUMBER OF HOSPITALS BY TYPE, BY REGION: 1970 to 1990

Year	Philippines	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CAR
1970	676	...	47	37	82	213	47	52	47	34	29	39	32	17	...
1971	640	...	52	37	69	208	43	47	43	32	24	38	30	17	...
1972	693	...	64	42	77	215	47	51	47	34	27	39	31	19	...
1973	768	65	52	46	111	162	61	54	18	32	16	18	29	104	...
1974	818	...	72	49	109	251	57	60	49	43	30	56	42	28	...
1975	969	56	85	53	127	232	64	65	52	47	39	67	48	34	...
1976	1,036	57	94	57	141	249	74	67	53	52	41	69	48	34	...
1977	1,150	56	98	67	160	280	78	64	60	55	42	90	53	47	...
1978	1,213	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1979	1,483	149	120	96	169	210	140	74	73	64	68	107	131	82	...
1980	1,607	176	133	109	175	197	141	75	90	64	68	124	167	88	...
1981	1,599	121	133	116	179	226	151	73	94	66	70	136	161	73	...
1982	1,713	174	139	126	186	222	152	79	93	71	72	132	178	89	...
1983	1,704	168	145	119	185	230	150	80	87	67	75	135	179	84	...
1984	1,839	188	150	121	186	250	152	90	93	74	84	156	199	96	...
1985	1,815	184	145	121	187	236	155	84	97	73	86	157	194	96	...
1986	1,754	176	145	109	176	223	151	79	98	79	85	151	196	86	...
1987															
Total	1,799	178	145	109	176	224	152	79	98	79	85	151	194	129	...
Public	590	41	46	49	51	77	44	49	42	49	39	48	31	24	...
Private	1,209	137	99	60	125	147	108	30	56	30	46	103	163	105	...
1988															
Total	1,766	175	143	107	178	220	146	81	96	72	84	145	195	124	...
Public	579	40	48	49	50	69	43	50	42	48	38	44	32	26	...
Private	1,187	135	95	58	128	151	103	31	54	24	46	101	163	98	...
1989															
Total	1,696	170	98	80	176	165	146	81	96	71	85	149	186	125	68
Public	564	41	32	35	51	49	44	49	42	48	38	46	32	26	31
Private	1,132	129	66	45	125	116	102	32	54	23	47	103	154	99	37
1990															
Total	1,733	172	98	79	175	226	138	80	92	72	84	142	186	122	67
Public	598	38	32	35	53	83	44	49	41	49	38	46	33	26	31
Private	1,135	134	66	44	122	143	94	31	51	23	46	96	153	96	36

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

Source: Department of Health, Bureau of Medical Services.

Table 9.20 – NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS AND OTHER MEDICAL PRACTITIONERS BY REGION: 1980 to 1990

	Philippines	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1980														
Doctors	7,259	1,094	714	424	658	1,148	465	541	453	485	267	413	316	281
Dentists	1,027	65	68	57	96	145	79	80	70	88	49	85	98	47
Nurses	9,426	1,568	955	579	774	1,410	580	759	665	607	369	510	368	282
Midwives	9,320	94	859	616	972	1,101	743	859	877	687	589	683	652	588
1981														
Doctors	7,378	1,144	740	457	718	1,087	494	538	497	332	281	437	354	299
Dentists	1,090	70	90	79	99	141	81	81	74	89	51	85	102	48
Nurses	9,644	1,444	981	642	842	1,390	666	798	668	671	418	562	237	325
Midwives	9,470	92	913	640	971	1,125	743	859	877	737	589	684	652	588
1982														
Doctors	7,605	1,180	741	454	714	1,078	496	540	506	507	286	440	357	306
Dentists	1,135	70	104	79	101	171	81	81	73	89	52	84	104	46
Nurses	10,230	1,487	1,028	670	855	1,398	678	815	771	686	445	577	440	380
Midwives	9,719	92	1,012	640	992	1,124	743	860	929	737	589	684	673	644
1983														
Doctors	8,282	1,267	940	519	785	1,036	483	663	517	514	363	455	407	333
Dentists	1,172	74	106	86	109	174	83	86	73	90	54	84	106	47
Nurses	11,455	1,748	1,310	764	1,028	1,457	705	901	794	714	504	600	519	411
Midwives	9,723	108	1,014	642	991	1,111	743	864	929	738	588	692	659	644
1984														
Doctors	8,315	1408	811	516	784	1,025	481	661	510	515	387	474	411	332
Dentists	1,117	74	108	84	48	176	85	87	74	91	52	85	106	47
Nurses	11,165	1,759	999	768	1,031	1,468	706	1,008	800	698	486	512	525	405
Midwives	9,130	111	1,014	642	990	1,113	143	864	928	738	589	692	662	644

Source: Department of Health, Personnel Division.

Table 9.20 – NUMBER OF GOVERNMENT DOCTORS, NURSES, DENTISTS AND OTHER MEDICAL PRACTITIONERS BY REGION: 1980 to 1990 (continued)

	Philippines	CAR	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1985															
Doctors	8,524		1,555	850	500	774	1,016	531	582	563	538	346	486	440	343
Dentists	1,146		74	107	80	98	168	81	83	74	91	52	86	107	45
Nurses	10,424		1,617	1,051	686	868	1,302	686	834	780	693	476	594	451	386
Midwives	9,792		106	1,014	641	996	1,112	743	926	929	738	589	692	662	644
1986															
Doctors	8,817		1,734	856	503	777	1,040	544	601	570	549	362	479	449	353
Dentists	1,120		74	106	79	93	154	81	82	70	91	52	85	106	47
Nurses	10,612		1,597	1,035	692	883	1,315	710	866	796	718	517	606	471	406
Midwives	9,789		107	1,014	641	992	1,112	743	926	929	738	589	692	662	644
1987															
Doctors	8,817		1,734	856	503	777	1,040	544	601	570	549	362	479	449	353
Dentists	1,120		74	106	79	93	154	81	82	70	91	52	85	106	47
Nurses	10,612		1,597	1,035	692	883	1,315	710	866	796	718	517	606	471	406
Midwives	9,789		107	1,014	641	992	1,112	743	926	929	738	589	692	662	644
1988															
Doctors	9,137		1,920	871	523	798	987	561	645	596	558	401	505	403	369
Dentists	1,165		105	108	81	110	156	82	90	85	92	57	43	106	50
Nurses	12,166		2,095	1,138	777	1,041	1,310	737	962	922	857	582	678	603	464
Midwives	10,307		331	1,084	654	1,007	1,128	778	985	872	746	618	776	678	650
1989															
Doctors	9,546		2,109	892	539	810	1,037	578	659	604	582	413	523	423	377
Dentists	1,163		109	108	81	110	156	82	91	78	92	57	43	106	50
Nurses	12,170		2,122	1,138	777	1,041	1,310	737	962	899	857	582	678	603	464
Midwives	10,367		330	1,084	654	1,007	1,128	778	985	933	746	618	776	678	650
1990															
Doctors	7,431	337	736	575	362	810	1,003	567	640	340	467	333	491	451	319
Dentists	1,550	44	463	81	62	107	157	86	84	69	93	57	94	102	51
Nurses	10,270	576	618	738	588	1,006	1,263	753	956	633	839	567	709	539	485
Midwives	11,604	492	993	816	587	1,137	1,155	778	994	946	808	612	949	682	655

Table 9.21 – NUMBER OF BARANGAY HEALTH STATIONS 1980 TO 1990

Year	Philippines	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CAR
1980	7,353	500	759	567	381	964	658	767	638	504	130	609	508	368	
1981	7,991	50	830	499	1,005	1,188	658	805	732	533	150	550	608	383	
1982	7,991	50	830	499	1,005	1,188	658	805	732	533	150	550	608	383	
1983	7,991	50	830	499	1,005	1,188	658	805	732	533	150	550	608	383	
1984	7,991	50	830	499	1,005	1,188	658	805	732	533	150	550	608	383	
1985	7,991	50	830	499	1,005	1,188	658	805	732	533	150	550	608	383	
1986	8,844	16	964	499	1,393	1,182	714	932	672	574	312	535	564	487	
1987	9,329	28	920	576	1,306	1,340	749	860	871	570	377	608	576	548	
1988	9,184	17	912	553	1,211	1,383	757	877	922	605	381	619	597	350	
1989	9,499	19	748	458	1,114	1,413	759	998	949	570	382	619	664	452	354
1990	10,151	8	752	482	1,265	1,514	772	1,122	997	594	499	669	664	465	348

Source : Department of Health, Internal Planning Service.

Table 9.22 – NUMBER OF RURAL HEALTH UNITS 1980 TO 1990

Year	Philippines	NCR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CAR
1980	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1981	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1982	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1983	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1984	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1985	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1986	1,991	324	205	116	179	254	115	127	138	150	87	124	82	90	
1987	1,963	186	199	123	206	270	115	133	182	146	112	126	86	79	
1988	2,072	255	191	124	206	272	125	137	177	160	116	126	86	97	
1989	2,073	255	128	98	193	276	125	145	159	160	124	126	99	101	84
1990	2,295	348	144	98	239	275	126	146	159	161	120	126	99	173	81

Source : Department of Health, Internal Planning Service.

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	–	–	–	–	–

	Total	NCR	I	II	III	IV
1990	12,988	4,589	557	479	1,032	1,670
1. Drug Manufacturer	280	179	2	2	23	15
2. Cosmentic Laboratory	200	161	1	0	14	8
3. Drug Trader	374	368	0	0	0	0
4. Cosmetic Trader	22	22	0	0	0	0
5. Food Establishment	11,636	3,546	544	468	983	1,628
6. Household/Hazardous	249	205	1	2	1	11
7. Drug Distributor/Importer/ Exporter/Wholesaler	191	86	9	6	11	8
8. Medical Device Distributor Import/Exporter/Wholesaler	13	4	0	0	0	0
9. Cosmetic Distributor/Importer Exporter/Wholesaler	18	15	0	0	0	0
10. Medical Device Manufacturer	3	1	0	0	0	0
11. Medical Device Trader	2	2	0	0	0	0

Source: Bureau of Food and Drug Administration.

IN FOOD AND DRUG PRODUCTION BY REGION: 1989 TO 1990

V	VI	VII	VIII	IX	X	XI	XII	CAR
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	–	–	–	
–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	

V	VI	VII	VIII	IX	X	XI	XII	CAR
303	502	1,107	395	599	564	707	480	4
4	6	31	3	2	2	8	3	0
2	1	13	0	0	0	0	0	0
1	0	1	0	1	0	3	0	0
0	0	0	0	0	0	0	0	0
287	485	1,037	383	589	544	681	456	4
0	1	7	0	2	1	1	17	0
7	9	14	4	3	17	13	4	0
1	0	3	4	1	0	0	0	0
1	0	0	1	1	0	0	0	0
0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0

Table 9.24 – NUMBER OF ESTABLISHMENTS INVOLVED BY REGION

Classification	Total	NCR	I	II	III	IV
1988	10,530	2,768	531	502	915	1,043
Retail Drugstores	6,616	1,446	411	300	710	418
Drug Distributors Cosmetics and Medical Device	548	253	2	7	46	27
Hospital Pharmacies	909	84	64	52	106	134
Chinese Drugstores	35	25	0	0	0	0
Exporters						
Food Importers	242	230	2	0	0	2
Household Hazardous	2,180	730	52	143	53	462

Classification	Total	NCR	I	II	III	IV
1989	12,400	3,403	621	541	918	1,831
Retail Drugstores	7,868	1,708	467	322	710	1,173
Drug Distributors Cosmetics and Medical Device	826	464	19	16	51	50
Hospital Pharmacies	979	115	68	58	104	145
Chinese Drugstores	36	26	0	0	0	0
Exporters	130	109	2	0	0	4
Food Importers	244	239	0	0	0	0
Household Hazardous	2,189	738	52	143	53	457
Temporary Permit Durgstores	128	4	13	2	0	2

Classification	Total	NCR	I	II	III	IV
1990	9,091	2,646	577	330	865	392
Retail Drugstores	6,872	1,652	494	247	731	197
Drug Distributors Cosmetics and Medical Device	705	405	12	28	29	42
Hospital Pharmacies	998	109	69	55	105	149
Chinese Drugstores	36	26	0	0	0	0
Exporters	128	107	2	0	0	4
Food Importers	313	308	0	0	0	0
Household Hazardous	39	39	0	0	0	0
Temporary Permit Durgstores	–	–	–	–	–	–

Source: Bureau of Food and Drug Administration.

IN THE DISTRIBUTION OF FOOD AND DRUGS
1988 TO 1990

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

V	VI	VII	VIII	IX	X	XI	XII
436	979	742	398	601	603	728	599
302	837	549	276	257	428	460	379
22	24	53	21	16	37	30	23
49	83	90	53	33	66	72	43
1	3	2	0	0	0	1	3
3	1	4	0	6	0	0	1
0	0	5	0	0	0	0	0
54	31	27	35	259	46	165	129
5	0	12	13	30	26	0	21

V	VI	VII	VIII	IX	X	XI	XII
394	999	685	355	321	537	532	458
323	869	508	290	269	453	436	403
14	38	75	12	10	15	17	8
53	88	91	53	36	69	78	43
1	3	2	0	0	0	1	3
3	1	4	0	6	0	0	1
0	0	5	0	0	0	0	0
0	0	0	0	0	0	0	0
–	–	–	–	–	–	–	–

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 distributed textbooks, enrolment in government and private schools by level of education, number of graduates in the tertiary level by major field of study, budget on education as a percentage of the national government budget, graduates of nonformal education, and the number of examinees who passed the board and bar examinations.

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

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Figure 10.1
PRE-SCHOOL, ELEMENTARYand SECONDARY
ENROLMENT IN GOVERNMENT and PRIVATE SCHOOLS,
PHILIPPINES, SY 1980-81 - 1989-90

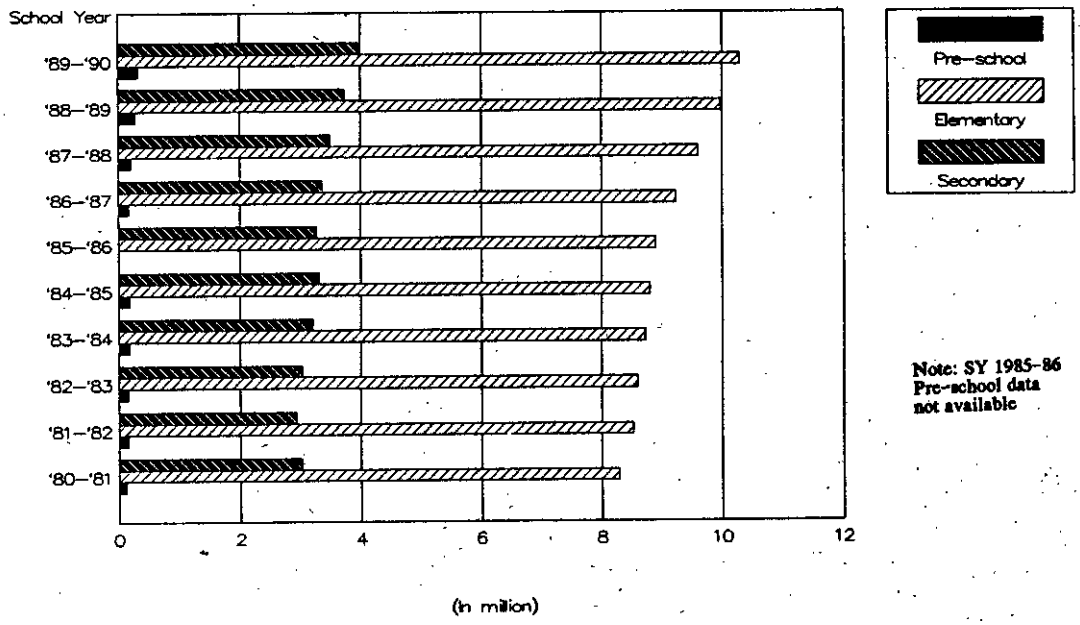

Figure 10.2
TERTIARY GRADUATE BY PROGRAM, PHILIPPINES
SY 1990-91

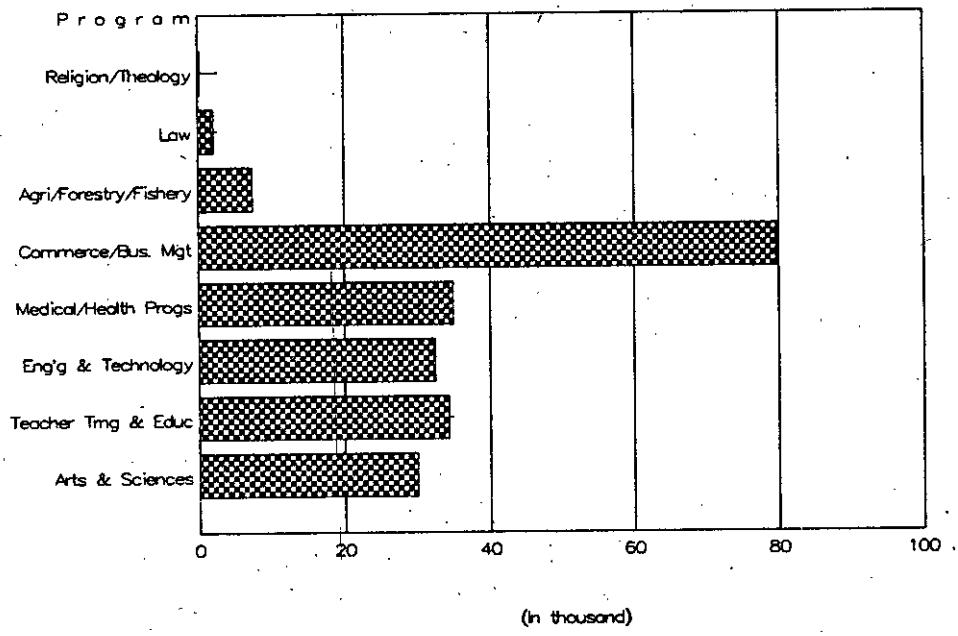

Table 10.1 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

School year	Pre-School			Elementary		
	Total	Government	Private [1]	Total	Government	Private [2]
1960–61	...	...	...	30,830	29,590	1,240
1961–62	255	12	243	31,810	30,496	1,314
1962–63	264	12	252	33,018	31,676	1,342
1963–64	286	12	274	35,605	34,159	1,446
1964–65	307	8	299	12,060	10,569	1,491
1965–66	315	10	305	14,086	12,603	1,483
1966–67	...	...	...	36,679	36,070	609
1967–68	374	21	353	14,395	13,823	572
1968–69	624	8	616	38,776	37,020	1,756
1969–70	...	...	...	39,174	37,421	1,753
1970–71	447	13	434	40,823	40,039	784
1971–72	572	136	436	43,667	41,885	1,782
1972–73	...	...	...	27,612	26,635	977
1973–74	...	...	...	29,192	28,196	996
1974–75	...	...	...	30,761	29,745	1,016
1975–76	...	...	...	30,962	29,854	1,108
1976–77	...	...	...	31,372	30,306	1,066
1977–78	...	...	...	31,257	30,099	1,158
1978–79	...	...	...	31,519	30,221	1,298
1979–80	...	...	...	31,494	30,311	1,183
1980–81	2,229	1,404	825	31,455	30,287	1,168
1981–82	2,243	1,432	811	31,729	30,561	1,168
1982–83	2,020	1,281	739	32,114	30,946	1,168
1983–84	2,358	1,423	935	32,809	31,440	1,369
1984–85	2,310	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
1989–90	3,837	2,646	1,191	34,382	32,811	1,571

Note: a school is counted according to the level of education it offers.

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

2 Includes schools attached to secondary and tertiary institutions.

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

4 Includes schools attached to tertiary institutions.

Source: Department of Education, Culture and Sports.

BY LEVEL OF EDUCATION: SY 1960–61 TO 1989–90

Secondary			Tertiary		
Total	Government [3]	Private [4]	Total	Government	Private
1,642	402	1,240	393	54	339
1,822	428	1,394	414	59	355
1,662	265	1,397	410	21	389
1,721	257	1,464	511	77	434
2,062	521	1,541	501	38	463
2,096	483	1,613	527	87	440
2,679	1,045	1,634	669	111	558
2,911	1,136	1,775	715	47	668
3,478	1,562	1,916	705	110	595
3,696	1,780	1,916	689	94	595
3,883	1,885	1,998	728	116	612
3,955	1,959	1,996	674	120	554
4,716	2,709	2,007	613	44	569
4,778	2,765	2,013	628	44	584
4,844	2,825	2,019	646	85	561
4,944	2,883	2,061	754	126	628
4,942	2,865	2,077	817	168	649
4,923	2,891	2,032	938	229	709
5,129	3,134	1,995	947	333	614
5,144	3,112	2,032	997	290	707
5,156	3,161	1,995	1,084	309	775
5,354	3,298	2,056	1,038	316	722
5,327	3,342	1,985	1,063	324	739
5,430	3,354	2,076	1,157	319	838
5,475	3,399	2,076	1,175	359	816
5,375	3,357	2,018	1,078	293	785
5,394	3,327	2,067	1,169	351	818
5,410	3,307	2,103	1,606	428	1,178
5,496	3,347	2,149	1,675	424	1,251
5,518	3,364	2,154	1,755	504	1,251

Table 10.2 – NUMBER OF GOVERNMENT AND PRIVATE SCHOOLS

Level of Education	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4	Region 5
SY 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
Government	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	1,143	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	1,651	351	75	57	163	243	79
Secondary	5,496	346	517	220	449	823	436
Government	3,347	104	356	126	258	472	292
Private	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
SY 1989–1990							
Pre-School	3,837	628	369	106	446	814	225
Government	2,646	293 *	324	73 *	258 *	532 *	222
Private	1,191	335	45 *	33 *	188 *	282	3
Elementary	34,382	801	2,277	1,824	2,618	4,158	2,879
Government	32,811	462	2,198	1,767	2,448	3,897	2,806
Private	1,571	339	79	57	170	261	73
Secondary	5,521	355	523	220	462	801	458
Government	3,367	105	360	127	266	467	312
Private	2,154	250	163	93	196	334	146
Tertiary	1,755	259	123	88	131	195	142
Government	504	14	27	45	35	57	39
Private	1,251	245	96	43	96	138	103

* SY 1988 – 89 data. These schools are only those which are attached to an elementary and/or secondary schools.

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 1989–90

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
506	151	87	40	82	151	192	40
431 *	87 *	69 *	17 *	37 *	110 *	181 *	12
75 *	64	18 *	23	45	41 *	11 *	28
3,153	2,666	3,168	2,486	2,533	2,389	2,240	1,190
3,027	2,591	3,145	2,444	2,443	2,246	2,194	1,143
126	75	23	42	90	143	46	47
526	375	356	245	393	358	274	175
377	206	283	174	232	194	168	96
149	169	73	71	161	164	106	79
147	104	110	77	118	127	86	48
56	19	83	28	30	28	20	23
91	85	27	49	88	99	66	25

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

Level of Education	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3	Region 4	Region 5
Pre-School							
1980-81	1,194	242	219	37	57	57	27
1981-82	1,359	290	245	133	57	80	45
1982-83	1,503	361	271	57	57	114	46
1983-84	1,579	336	285	154	66	93	53
1984-85	1,567	646	78	19	36	282	102
1985-86	...	...	...	...	...	...	...
1986-87	205	...	...	...	...	...	205
1987-88	...	...	...	...	...	...	...
1988-89	...	...	...	...	...	...	...
1989-90	11,018	3,097	633	106	789	3,032	635
Elementary							
1980-81	255,343	22,481	23,319	11,543	24,272	31,885	20,668
1981-82	261,131	23,413	23,026	11,821	24,389	32,462	20,902
1982-83	261,860	23,414	23,390	11,822	24,389	32,478	20,902
1983-84	270,493	24,665	23,115	12,280	25,028	33,642	21,506
1984-85	270,693	24,761	22,933	12,434	25,123	34,156	21,614
1985-86	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1986-87	277,076	25,241	23,417	12,873	25,480	35,344	21,874
1987-88	284,780	25,764	23,395	13,292	26,799	36,728	22,724
1988-89	289,719	25,873	19,631	11,412	27,217	37,593	22,879
1989-90	315,585	33,089	21,016	12,280	29,669	40,966	24,074
Secondary							
1980-81	52,435	10,247	5,239	2,774	3,988	5,508	3,075
1981-82	54,555	10,769	5,655	2,707	4,311	5,792	3,241
1982-83	56,257	10,112	5,644	2,796	3,966	6,882	3,743
1983-84 R	69,563	9,499	7,317	2,832	5,658	8,634	5,479
1984-85 R	59,263	8,092	6,233	2,413	4,820	7,356	4,668
1985-86	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1986-87	62,955	10,491	6,281	2,995	5,365	8,333	3,904
1987-88	69,226	10,924	6,647	3,069	5,528	8,951	4,038
1988-89	79,514	11,790	7,398	3,242	6,198	9,697	4,737
1989-90	118,805	20,728	8,674	4,034	11,099	16,443	7,438

R revised

Source: Department of Education, Culture and Sports.

TEACHERS IN GOVERNMENT SCHOOLS BY REGION: SY 1980–81 TO 1989–90

Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
311	30	75	10	37	11	81	
256	61	48	9	27	23	85	
380	37	44	27	17	18	74	
298	71	56	11	31	27	98	
250	25	47	25	15	5	37	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
...	...	...	...	...	...	...	
1,237	296	153	76	196	443	214	111
28,282	19,865	18,167	12,581	13,921	15,742	12,617	
28,025	20,547	18,496	13,913	14,384	15,851	13,902	
28,198	20,547	18,499	13,880	14,534	15,851	13,956	
28,864	21,920	18,710	13,863	14,947	17,129	14,824	
28,686	20,664	18,542	13,994	14,786	17,952	15,048	
29,084	20,876	18,867	15,143	15,387	18,221	15,269	
29,084	20,876	18,867	15,143	15,387	18,221	15,269	
29,258	21,168	18,814	15,566	16,327	19,153	15,792	
29,447	21,359	18,988	16,123	17,125	20,150	15,976	5,946
31,500	22,713	19,845	16,962	18,318	21,803	16,774	6,576
6,779	2,248	3,479	1,999	1,840	2,890	2,369	
7,123	2,299	3,500	1,985	2,399	3,146	1,628	
7,873	2,491	2,722	1,979	2,846	3,294	1,909	
9,046	3,288	4,097	2,946	3,672	4,297	2,798	
7,707	2,801	3,490	2,510	3,128	3,661	2,384	
7,630	2,157	3,584	2,466	3,410	3,969	2,370	
7,630	2,157	3,584	2,466	3,410	3,969	2,370	
9,917	2,588	4,175	2,838	3,379	4,118	3,054	
10,735	3,461	4,558	3,473	4,082	5,088	3,487	1,568
12,279	6,686	5,768	4,204	6,520	7,340	4,743	2,849

Table 10.4 – PRE-SCHOOL, ELEMENTARY AND SECONDARY ENROLMENT IN GOVERNMENT AND PRIVATE SCHOOLS: SY 1954-55 TO 1989 – 1990

School Year	Pre-School			Elementary			Secondary		
	Total	Government	Private	Total	Government	Private	Total	Government	Private
1954-55	...	...	...	3,444,417	3,305,103	139,314	559,868	187,373	372,495
1959-60	16,866	689	16,177	4,145,534	3,970,541	174,993	680,262	246,226	434,036
1964-65	30,445	843	29,602	5,577,901	5,330,334	247,567	1,037,109	394,048	643,061
1969-70	...	...	...	6,855,501	6,521,143	334,358	1,591,356	675,840	915,516
1970-71	51,279	1,083	50,196	6,968,978	6,627,734	341,244	1,719,386	762,984	956,402
1971-72	57,433	2,300	55,133	7,001,970	6,659,544	342,426	1,723,365	734,941	988,424
1972-73	...	...	...	7,014,761	6,667,644	355,065	1,875,012	863,326	1,011,686
1973-74	...	...	...	7,269,008	6,845,138	363,901	1,958,048	913,342	1,044,706
1974-75	...	...	...	7,453,331	7,043,522	385,727	2,112,176	975,356	1,136,820
1975-76	...	...	...	7,786,579	7,387,178	399,401	2,291,707	1,061,731	1,229,976
1976-77	...	...	...	7,845,234	7,424,254	420,980	2,508,519	1,205,434	1,303,085
1977-78	...	...	...	7,892,641	7,455,254	437,387	2,696,460	1,319,898	1,376,562
1978-79	...	...	...	8,179,013	7,724,115	454,898	2,941,210	1,491,015	1,450,195
1979-80	114,868	79,932	34,936	8,227,355	7,817,450	409,905	2,766,874	1,489,959	1,276,915
1980-81	124,844	77,951	46,893	8,290,444	7,931,164	359,280	3,018,568	1,614,554	1,404,014
1981-82	152,262	100,214	52,048	8,518,283	8,073,290	444,993	2,935,732	1,591,510	1,344,222
1982-83	153,884	91,363	62,521	8,591,267	8,164,061	427,206	3,034,219	1,721,159	1,313,060
1983-84	181,726	113,536	68,190	8,717,469	8,228,554	488,915	3,204,551	1,844,174	1,360,377
1984-85	177,593	74,136	103,457	8,793,773	8,269,825	523,948	3,310,504	1,957,444	1,353,060
1985-86	...	...	...	8,896,920	8,392,103	504,817	3,269,434	1,949,542	1,319,892
1986-87	164,260	64,308	99,952	9,229,595	8,639,399	590,196	3,357,014	1,996,377	1,360,637
1987-88	204,912	79,971	124,941	9,601,322	8,964,804	636,518	3,494,460	2,090,073	1,404,387
1988-89	274,106	136,843	137,263	9,972,571	9,323,637	648,934	3,737,104	2,354,620	1,382,484
1989-90	321,459	151,070	170,389	10,284,861	9,604,422	680,439	3,961,639	2,516,729	1,444,910

Table 10.5 – NUMBER OF ELEMENTARY TEXTBOOKS DISTRIBUTED TO REGION, 1982 TO 1990

Region	1982	1983	1984	1985	1986	1987	1988	1989	1990
Philippines	6,043,577	7,423,851	2,109,725	5,426,279	3,239,896	17,521,339	12,239,802	13,909,675	6,854,482
NCR	572,406	631,672	169,508	297,105	381,799	1,254,195	1,151,710	1,031,700	495,864
CAR							203,770	303,143	211,712
I	537,255	664,136	89,833	362,476	289,260	1,198,379	863,545	843,431	401,939
II	326,392	239,413	201,073	136,176	311,726	858,920	423,213	607,860	265,418
III	716,190	646,391	227,834	480,896	385,740	1,788,662	1,282,968	1,087,058	631,228
IV	790,242	1,080,207	226,671	595,229	570,820	2,447,142	1,774,483	1,428,244	927,571
V	396,914	651,236	159,702	512,380	224,190	1,199,754	1,042,810	1,290,280	579,571
VI	634,600	706,311	210,307	683,729	194,670	1,745,012	1,341,290	1,341,440	564,070
VII	448,652	592,192	217,979	511,368	106,230	1,418,828	775,350	1,142,577	527,690
VIII	311,350	434,815	102,286	456,031	87,391	956,933	545,581	1,517,819	365,150
IX	370,430	382,078	113,780	343,069	142,500	1,057,945	571,880	833,418	341,040
X	393,711	434,114	149,082	404,208	88,950	1,603,686	696,070	894,420	577,010
XI	287,400	510,223	125,520	397,900	215,730	1,054,278	889,060	753,500	499,429
XII	258,035	451,063	116,150	245,712	240,890	937,605	678,072	834,785	466,790

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

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

Field of study	Philippines	Metropolitan Manila Area (National Capital Region)	Region 1	Region 2	Region 3
1988 – 1989	1,308,000	495,889	99,736	34,252	97,788
Arts and Sciences	191,772	86,069	12,471	5,039	8,850
Teacher Training & Education	185,649	24,073	18,592	9,072	23,206
Engineering and Technology	281,513	123,278	19,002	4,808	20,707
Medical and Health Related 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
1989 – 1990	1,225,315	359,663	69,146	40,175	82,791
Arts and Sciences	178,828	71,690	6,693	5,759	8,786
Teacher Training & Education	220,751	23,513	16,292	12,516	18,026
Engineering and Technology	248,551	87,367	11,859	5,515	15,145
Medical and Health Related Programs	160,230	62,504	11,818	835	5,485
Commerce/Business Management	357,326	108,733	19,493	12,278	31,493
Agriculture, Forestry, Fish and Veterinary Medicine	39,507	1,010	931	3,272	3,421
Law	18,550	4,699	2,060	–	333
Religion/Theology	1,572	147	–	–	102
1990 – 1991	1,347,715	395,629	76,060	44,192	90,971
Arts and Sciences	196,711	78,859	7,362	6,335	9,665
Teacher Training & Education	242,828	25,864	17,921	13,768	19,829
Engineering and Technology	273,408	96,104	13,045	6,066	16,660
Medical and Health Related Programs	176,252	68,754	13,000	918	6,034
Commerce/Business Management	392,958	119,606	21,442	13,506	34,542
Agriculture, Forestry, Fish and Veterinary Medicine	43,458	1,111	1,024	3,599	3,763
Law	20,405	5,169	2,266	–	366
Religion/Theology	1,695	162		–	112

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

PRIVATE SCHOOLS BY FIELD OF STUDY AND BY REGION: TO 1990 – 1991

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	CAR
81,523	61,657	109,792	100,241	30,470	41,280	57,009	57,611	40,752	...
11,881	9,574	12,348	12,385	3,488	6,728	8,042	8,528	6,369	...
15,859	13,797	16,646	12,715	10,077	9,211	11,992	10,619	9,790	...
10,692	10,038	23,918	29,813	4,483	5,364	12,171	10,664	6,575	...
8,678	6,512	12,986	10,322	589	3,807	4,289	6,885	2,997	...
28,445	18,182	36,061	30,940	8,247	11,523	17,070	18,351	12,130	...
5,369	2,007	5,716	1,682	3,041	3,367	2,661	1,517	2,274	...
596	1,547	2,028	2,289	545	1,280	784	914	539	...
3	0	89	95	0	0	0	133	78	...
115,155	74,833	93,966	88,409	52,037	29,101	84,468	47,395	48,311	39,865
16,584	9,374	8,033	9,266	6,051	6,605	9,694	7,808	6,779	5,706
27,466	17,892	18,477	17,900	13,896	7,026	21,008	9,647	12,370	4,722
20,899	11,171	20,546	27,386	6,419	2,756	17,219	4,853	6,050	11,366
9,971	11,965	11,394	12,223	2,437	4,029	6,410	7,153	4,571	9,435
34,786	18,277	29,690	17,493	16,597	6,009	24,151	16,548	15,148	6,630
4,755	4,626	3,680	2,315	4,304	1,928	4,306	1,099	2,507	1,353
347	1,528	2,146	1,717	2,213	748	1,680	31	752	296
347	–	–	109	120	–	–	256	134	357
126,637	82,317	103,363	97,250	57,241	32,012	92,915	52,135	53,141	43,852
18,242	10,311	8,836	10,193	6,656	7,266	10,663	8,589	7,457	6,277
30,213	19,681	20,325	19,690	15,286	7,729	23,109	10,612	13,607	5,194
22,989	12,288	22,601	30,125	7,061	3,032	18,941	5,338	6,655	12,503
10,968	13,162	12,533	13,445	2,681	4,432	7,051	7,868	5,028	10,378
38,265	20,105	32,659	19,242	18,257	6,610	26,566	18,203	16,662	7,293
5,231	5,089	4,048	2,546	4,734	2,121	4,737	1,209	2,758	1,488
382	1,681	2,361	1,889	2,434	822	1,848	34	827	326
347	–	–	120	132	–	–	282	147	393

Table 10.7 – TERTIARY GRADUATES BY PROGRAM, BY REGION,

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

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

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

Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12
17,684	12,352	18,100	15,897	6,943	6,427	20,014	11,543	7,519
2,284	2,187	1,538	1,191	178	853	2,771	1,462	1,036
3,808	2,522	3,140	2,347	1,550	1,483	4,476	2,723	1,745
2,049	1,648	3,700	3,843	763	982	2,881	1,183	914
1,491	1,823	1,723	3,202	341	837	796	1,155	803
7,391	3,502	7,158	4,566	2,952	1,746	8,362	4,510	2,410
651	542	533	378	928	412	596	490	493
10	128	308	310	193	114	132	7	101
0	0	0	60	38	0	0	13	17
19,453	13,786	19,912	17,360	7,550	7,070	21,684	12,697	8,272
2,512	2,406	1,692	1,311	195	938	3,048	1,608	1,140
4,189	2,775	3,453	2,582	1,705	1,631	4,924	2,995	1,919
2,254	1,813	4,070	4,228	840	1,081	2,839	1,301	1,005
1,641	2,005	1,896	3,522	375	921	876	1,270	884
8,130	3,852	7,874	5,022	3,247	1,921	9,197	4,961	2,651
716	596	586	416	1,021	453	655	540	543
11	339	341	213	125	125	145	8	111
–	–	–	66	42	–	–	14	19
17,304	11,252	17,712	15,558	6,795	6,292	19,292	11,295	7,360
2,234	2,140	1,505	1,166	174	835	2,712	1,431	1,014
3,726	1,633	3,073	2,298	1,517	1,451	4,380	2,664	1,708
2,006	1,613	3,620	3,762	748	961	2,525	1,158	895
1,459	1,784	1,686	3,134	333	820	780	1,129	786
7,233	3,427	7,005	4,468	2,888	1,709	8,183	4,414	2,359
637	530	522	369	909	404	583	479	483
9	125	301	303	188	112	129	7	99
–	–	–	58	38	–	–	13	16

Table 10.8 – BUDGET OF THE DEPARTMENT OF EDUCATION, CULTURE AND SPORTS AS A PERCENTAGE OF THE NATIONAL GOVERNMENT BUDGET: 1960 TO 1990

Year	National Budget (in thousand pesos)	DECS Budget (in thousand pesos)	Percent of the National Government Budget
1960	959,778 c	247,387	25.78
1961	1,077,401 c	306,880	28.48
1962	1,208,660 c	352,030	29.13
1963	1,535,370 c	404,771	26.36
1964	2,067,500 c	507,155	24.53
1965	2,077,300 c	555,250	26.73
1966	2,242,600 c	596,212	26.59
1967	2,333,000 c	646,124	27.69
1968	2,913,140 c	688,910	23.65
1969	3,598,724 c	780,265	21.68
1970	4,036,632 c	829,945	20.56
1971	6,757,000	1,004,394	14.86
1972	7,598,000	1,093,620	14.39
1973	10,795,000	1,296,696	12.01
1974	15,879,000	1,496,355	9.42
1975	21,228,000	1,643,183	7.74
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	55,854,000	4,387,012	7.85
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	216,585,233	23,578,787	10.89
1990	233,508,000	28,177,760	12.07

c – Corrected

Note: 1971 to 1979 figures are inclusive of roll over.

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-FORMAL EDUCATION BY REGION: CY 1982 TO 1989

Region	1982		1983		1984		1985	
	FL	LSD	FL	LSD	FL	LSD	FL	LSD
Philippines	56,411	1,262,913	46,655	819,298	85,543	2,320,062	48,854	257,003
Metropolitan Manila Area (National Capital Region)	551	57,960	617	33,249	678	62,850	1,179	39,602
CAR – Cordillera								
Region 1	2,487	59,875	832	33,727	1,129	35,711	1,128	11,939
Region 2	2,831	44,639	2,016	17,414	1,667	25,428	2,110	12,390
Region 3	804	112,820	1,416	11,654	2,580	65,115	2,403	7,219
Region 4	5,280	26,432	1,620	36,870	4,112	43,934	2,299	24,928
Region 5	3,874	123,319	9,730	78,673	9,337	45,704	8,825	13,759
Region 6	1,909	57,293	2,618	77,382	3,598	75,074	3,044	19,514
Region 7	7,937	45,078	1,881	58,976	12,302	273,379	4,411	32,493
Region 8	2,044	112,796	2,199	10,977	714	8,209	8,417	15,136
Region 9	13,581	165,412	9,505	45,080	30,294	1,353,067	2,289	49,463
Region 10	4,815	124,330	1,970	51,999	1,904	22,365	2,038	13,858
Region 11	7,061	310,096	7,104	299,858	11,410	282,762	5,269	9,178
Region 12	3,237	22,863	5,147	63,439	5,818	26,464	5,442	7,524

Region	1986		1987		1988		1989	
	FL	LSD	FL	LSD	FL	LSD	FL	LSD
Philippines	67,797	283,138	94,953	337,335	126,629	346,867	74,513	269,011
Metropolitan Manila Area (National Capital Region)	583	28,655	927	23,271	833	18,876	624	16,162
CAR – Cordillera					1,990	4,842	1,736	7,460
Region 1	797	15,309	2,085	12,943	20,505	11,365	1,634	35,985
Region 2	2,345	11,002	2,664	5,967	1,525	7,610	1,250	6,266
Region 3	1,281	4,723	3,553	6,132	6,831	11,760	3,280	25,410
Region 4	2,742	30,799	4,175	5,124	1,040	10,875	4,964	13,042
Region 5	1,764	7,603	7,599	16,403	8,639	13,040	16,084	13,394
Region 6	6,018	15,759	6,937	18,259	5,641	19,173	12,486	20,824
Region 7	20,581	102,725	25,329	176,603	21,248	172,823	9,648	72,736
Region 8	6,549	9,768	2,552	9,206	1,374	6,421	1,968	6,750
Region 9	12,447	15,233	10,274	17,221	11,758	8,421	3,637	5,340
Region 10	1,710	20,667	3,248	12,865	5,322	27,159	2,193	18,059
Region 11	5,539	12,291	7,014	20,209	6,722	21,786	5,800	21,908
Region 12	5,441	8,604	18,596	13,132	33,201	12,716	9,209	5,675

Note: No data by course.
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.

Table 10.10 – NUMBER OF EXAMINEES WHO

Board/Bar Examination	1977	1978	1979	1980	1981
TOTAL	41,947	45,202	42,653	38,373	42,366
Agriculture Engineer	112	214	305	192	370
Aeronautical Engineer	–	–	–	–	–
Architect	350	384	401	184	266
Bar	1,038	1,076	903	605	841
Certified Public Accountant	3,527	3,005	3,929	3,295	4,740
Chemical Engineer	971	743	809	588	690
Chemist	252	307	291	168	196
Civil Engineer	1,849	1,947	1,664	2,028	3,183
Criminology	–	–	–	–	–
Customs Broker	201	392	216	–	179
Deck Officer (all grades)	2,955	3,427	3,248	2,841	4,009
Dentist	391	501	529	814	834
Dietician/Nutritionist	28	886	671	541	675
Electrical Engineer (all grades)	2,055	1,934	1,941	1,710	2,100
Electronics and Communication Engineer	153	135	115	–	113
Engine Officer (all grades)	4,554	3,913	2,740	2,492	3,397
Forester	293	235	185	185	169
Geodetic Engineer	95	90	136	150	297
Geologist	64	73	96	52	64
Interior Design	–	–	–	–	–
Landscape Architecture	–	–	–	–	–
Master Plumber	41	63	90	50	69
Mechanical Engineer	2,705	2,718	2,379	2,031	2,621
Medicine (with Prelims)	1,276	1,307	1,272	1,273	1,222
Medical Technology	1,578	1,280	1,178	–	855
Metallurgical Engineer	–	–	–	–	8
Midwife	6,025	4,804	4,515	3,199	3,783
Mining Engineer	94	110	138	113	105
Naval Architect	5	11	15	2	6
Nurse	9,891	14,112	13,314	13,988	9,633
Optometry	195	230	188	246	227
Pharmacy	527	571	553	595	605
Physical Therapy/Occupational Therapy	50	66	88	10	83
Sanitary Engineer	38	40	56	64	95
Social Worker	555	528	596	826	735
Sugar Technology	–	–	–	–	–
Veterinarian	79	100	92	131	196

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

PASSED THE BOARD/BAR EXAMINATIONS: 1977 TO 1990

1982	1983	1984	1985	1986	1987	1988	1989	1990
41,597	39,663	40,622	39,331	36,842	32,065	36,207	37,708	25,538
446	429	318	136	102	88	82	77	–
–	38	26	21	27	45	18	–	–
309	448	451	623	684	364	371	369	317
433	523	563	701	491	480	689	639	866
4,612	5,188	5,407	4,485	4,243	3,850	3,373	3,198	714
1,052	1,089	1,216	911	981	692	377	432	137
212	263	241	205	120	44	114	86	–
4,628	4,554	5,680	5,575	3,936	2,675	2,119	2,604	–
–	–	–	–	–	–	302	150	–
–	239	–	192	–	144	–	–	79
4,828	4,847	4,681	4,046	2,116	1,271	1,242	1,507	2,336
1,102	1,320	1,468	1,566	1,634	950	2,183	1,225	2,027
555	510	390	330	723	729	654	662	963
2,109	1,934	2,661	2,818	2,575	2,619	2,574	994	2,922
157	209	443	403	783	802	903	1,010	348
3,831	3,989	4,085	4,064	2,238	1,309	840	842	1,573
229	293	240	286	284	85	172	55	64
287	238	378	354	355	233	347	231	–
92	55	58	74	53	39	36	15	–
–	11	41	32	45	39	34	36	–
–	–	4	5	6	0	0	7	2
58	90	55	71	29	20	14	47	13
2,621	2,617	2,479	2,100	2,363	2,546	2,406	1,019	975
1,689	1,655	1,541	1,895	3,621	1,897	2,818	2,537	2,200
673	842	1,034	1,017	1,373	1,407	1,911	2,336	421
17	10	17	17	11	23	17	12	10
2,447	2,588	2,135	2,475	2,486	3,629	4,273	6,352	8,047
84	101	88	73	88	77	50	51	–
10	37	44	23	29	11	18	8	–
7,416	3,853	2,977	3,094	3,773	4,452	6,351	9,138	–
227	265	324	265	226	251	227	315	–
570	605	680	476	608	506	864	813	1,093
117	94	154	171	189	156	157	259	329
60	50	107	115	85	51	91	111	101
570	472	434	425	307	246	275	254	–
17	9	–	–	–	–	–	–	1
139	198	202	287	258	335	305	317	–

11 LABOR AND EMPLOYMENT

The labor and employment sector plays a vital role in the continuing development of the economy, particularly towards improvement in the economic well- being of the population. Data on the sector serve as inputs to government processes involving the formulation of policies aimed at providing adequate employment oppurtunities for the social upliftment of the constituents of the sector. Viewed in the light of these goals, the generation of timely and adequate statistics on the sectos assumes paramount importance.

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

Labor force is the part of population 15 years old and over that is either employed or unemployed during the reference period. Prior to the November 1976 survey, however, labor force is defined as the part of the population 10 years old and over that is either employed or unemployed. Prior to 1976, the labor and employment data were based on the "past week" reference period. Although the said reference period was continued together with the past quarter reference period of the Integrated Survey of Households starting in 1976, it was not presented in a more detailed disaggregation similar to that of the traditional tables being published. It was only in 1987 when the past week reference period covered the required detailed disaggregation and the more detailed past quarter reference period data were conducted once a year i.e. third quarter. In any case, employed persons include all those who were reported at work, those with a job as wanting and looking for work anytime during the reference period whether on a full-time or part-time basis. Also included are persons reported as wanting but not looking for work because of temporary illness, bad weather or any other reasons. Persons not in the labor force are those who are not at work and without jobs and not wanting work, or wanting work but not looking for it for the reasons that a person is disabled, retired, schooling or housekeeping. Also included are those seasonal workers who are working and not looking for work during the survey period. Labor force and employment statistics are published in the NSO Survey of Households Bulletin, Journal of Philippine Statistics and Special Releases and through the yearbook and periodic reports of the Department of Labor and Employment or the various offices/bureaus under it.

Contained in the chapter are data on the size, composition and distribution of employed persons which are classified by industry and occupation group and other socio-economic characteristics, and of legislated money and real wage rates.

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Figure 11.1
EMPLOYMENT RATE, PHILIPPINES,1981-1990

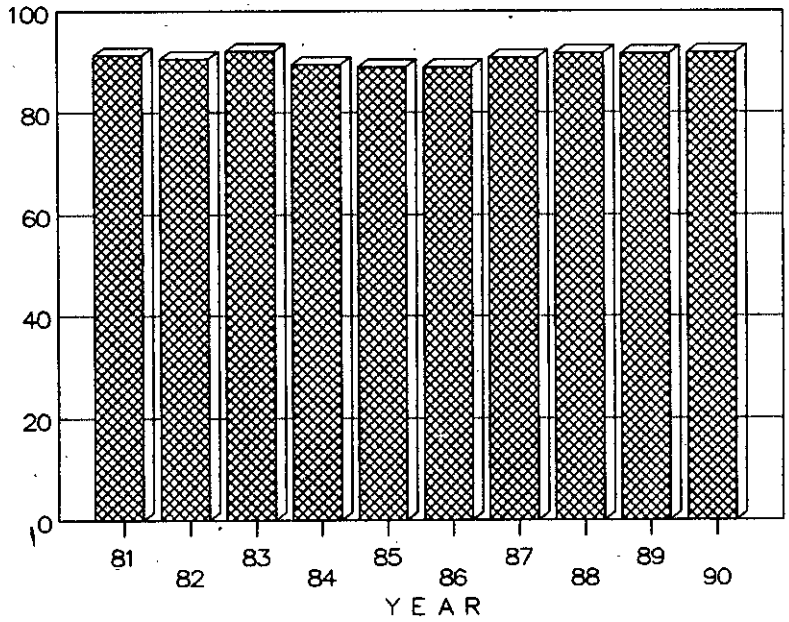

Figure 11.2
UNEMPLOYMENT RATE BY REGION, 1990

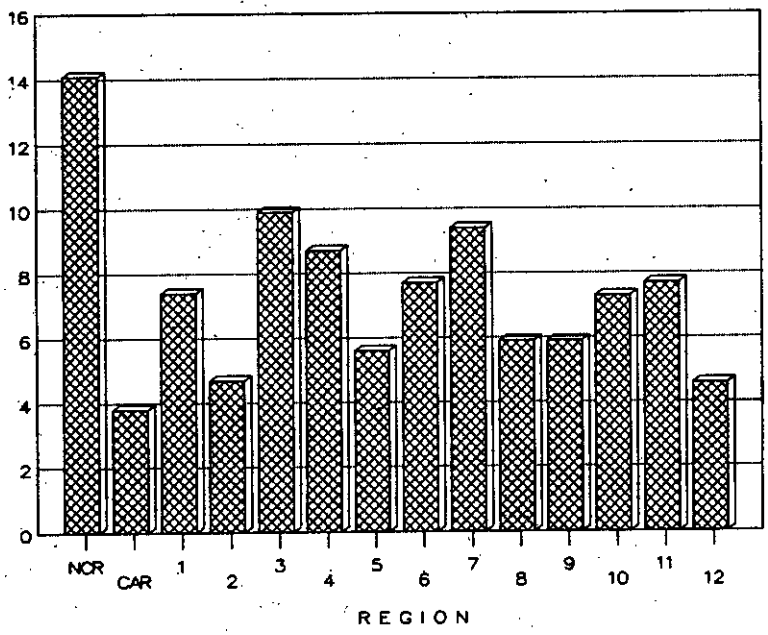

Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND OCTOBER

		Philippines	National Capital Region	Cordillera Administrative Region	1	2
Projected household population 15 years old and over:						
Number (in thousands)	*1981*	29,847	3,976	a	2,195	1,357
	1982	4,092	4,092	a	2,240	1,400
	1983	31,676	4,203	a	2,286	1,443
	1984	32,679	4,413	a	2,332	1,487
	1985	33,646	4,575	a	2,376	1,531
	1986	4,738	4,738	a	2,419	1,574
	1987	34,840	4,865	a	2,496	1,576
	1988	35,865	5,005	678	2,096	1,409
	1989	36,916	5,148	695	2,148	1,453
	1990	37,999	5,295	713	2,197	1,497
Percent in the labor force	*1981*	61.2	54.9	a	61.8	65.1
	1982	60.1	57.4	a	59.8	62.9
	1983	63.6	55.4	a	63.1	72.3
	1984	63.5	60.7	a	60.2	68.8
	1985	63.4	60.4	a	57.8	66.4
	1986	63.8	58.6	a	59.7	69.5
	1987	65.7	60.0	a	62.4	70.3
	1988	65.4	60.2	70.5	64.4	69.9
	1989	64.6	58.5	69.1	63.0	68.4
	1990	64.5	59.8	73.9	62.1	66.7
Percent of labor force:						
Employment Rate	*1981*	91.3	84.0	a	94.2	92.8
	1982	90.6	81.3	a	93.8	93.2
	1983	92.1	84.7	a	92.8	95.0
	1984	89.4	78.1	a	91.0	92.0
	1985	88.9	73.9	a	90.3	93.4
	1986	88.9	71.4	a	90.6	93.9
	1987	90.9	81.7	a	90.6	95.2
	1988	91.7	82.8	95.2	92.4	95.0
	1989	91.6	86.3	95.2	92.0	95.2
	1990	91.9	85.9	96.2	92.6	95.3
Unemployment Rate	*1981*	8.7	16.0	a	5.8	7.2
	1982	9.4	18.7	a	6.2	6.8
	1983	7.9	15.3	a	7.2	5.0
	1984	10.6	21.9	a	9.0	8.0
	1985	11.1	26.1	a	9.7	6.6
	1986	11.1	28.6	a	9.4	6.1
	1987	9.1	18.3	a	9.4	4.8
	1988	8.3	17.2	4.8	7.6	5.0
	1989	8.4	16.7	4.8	7.2	4.8
	1990	8.1	14.1	3.8	7.4	4.7

OVER BY EMPLOYMENT STATUS AND BY REGION
1981 TO 1990

Region									
3	4	5	6	7	8	9	10	11	12
2,981	3,817	2,058	2,776	2,342	1,687	1,545	1,687	2,067	1,360
3,086	3,954	2,104	2,851	2,408	1,731	1,590	1,746	2,151	1,395
3,191	4,094	2,152	2,907	2,478	1,776	1,637	1,808	2,238	1,431
3,298	4,236	2,200	3,001	2,543	1,820	1,685	1,871	2,327	1,467
3,405	4,378	2,248	3,073	2,609	1,863	1,734	1,934	2,417	1,504
3,512	4,522	2,294	3,144	2,674	1,906	1,782	1,998	2,508	1,541
3,519	4,536	2,347	3,150	2,670	1,871	1,760	2,013	2,426	1,610
3,629	4,690	2,417	3,234	2,736	1,920	1,812	2,078	2,501	1,661
3,741	4,850	2,488	3,319	2,805	1,969	1,865	2,145	2,578	1,714
3,855	5,015	2,562	3,408	2,876	2,018	1,918	2,213	2,658	1,768
57.6	60.3	63.4	62.2	66.6	62.4	52.1	65.4	67.3	62.8
55.3	60.3	63.7	61.2	64.6	60.0	52.3	59.3	64.4	62.6
56.7	63.0	70.8	68.0	68.6	66.7	54.1	69.8	65.8	64.5
57.5	57.5	68.0	63.5	68.6	77.9	58.8	69.0	66.6	63.1
57.9	61.3	69.9	64.1	68.5	72.2	57.4	66.1	67.1	63.3
59.1	62.4	67.3	64.6	68.4	71.9	59.8	67.6	65.5	66.6
62.2	65.3	69.4	66.7	68.3	73.0	62.8	68.6	69.5	65.3
61.9	64.5	69.4	64.9	67.9	74.8	60.7	67.4	68.3	64.7
61.6	63.1	70.0	65.0	66.2	71.8	62.3	68.9	67.1	65.1
62.2	64.2	68.3	65.0	65.1	71.0	59.7	69.0	67.1	63.3
87.5	91.6	93.9	91.7	93.1	92.9	92.8	92.1	93.1	95.0
86.2	90.7	93.8	90.4	92.9	94.4	92.2	92.3	93.2	94.7
86.4	91.9	95.3	93.6	95.0	95.3	92.4	92.6	94.1	96.5
86.8	88.7	92.1	89.6	94.9	90.3	95.7	91.2	90.8	95.5
88.1	87.6	93.5	90.7	93.0	91.9	92.8	91.3	92.6	94.6
88.8	89.8	92.5	89.2	94.4	94.4	93.3	91.0	90.1	94.9
87.2	91.8	94.4	92.0	92.8	92.2	94.0	92.9	93.0	95.2
90.4	91.6	94.3	92.7	94.3	94.0	94.8	92.3	91.9	95.3
90.2	91.1	93.9	91.4	94.3	91.9	94.8	92.9	92.2	95.3
90.1	91.3	94.4	92.3	92.6	94.1	94.1	92.7	92.3	95.4
12.5	8.4	6.1	8.3	6.9	7.1	7.2	7.9	6.9	5.0
13.8	9.3	6.2	9.6	7.1	5.6	7.8	7.7	6.8	5.3
13.6	8.1	4.7	6.4	5.0	4.7	7.7	7.4	5.9	3.5
13.2	11.3	7.9	10.4	5.1	9.7	4.3	8.8	9.2	4.5
11.9	12.4	6.5	9.3	7.0	8.1	7.2	8.7	7.4	5.4
11.2	10.2	7.5	10.3	5.6	5.6	6.7	9.0	9.9	5.1
12.8	8.2	5.6	8.0	7.2	7.8	6.0	7.1	7.0	4.8
9.6	8.4	5.7	7.3	5.7	6.0	5.2	7.7	8.1	4.7
9.8	8.9	6.1	8.6	5.7	8.1	5.2	7.1	7.8	5.7
9.9	8.7	5.6	7.7	9.4	5.9	5.9	7.3	7.7	4.6

Table 11.1 – HOUSEHOLD POPULATION 15 YEARS OLD AND OCTOBER

		Philippines	National Capital Region	Cordillera Administrative Region	1	2
Percent of employed :						
Underemployment Rate	*1981*	23.9	14.5	a	23.8	38.3
	1982	25.5	28.7	a	22.5	25.0
	1983	29.8	38.5	a	28.1	27.5
	1984	36.4	45.1	a	41.3	44.7
	1985	22.2	14.7	a	16.9	21.5
	1986	28.4	35.3	a	24.6	24.4
	1987	24.2	14.5	a	26.3	18.3
	1988	23.3	16.0	17.7	29.2	12.8
	1989	23.2	13.7	22.7	28.4	21.7
	1990	22.1	13.1	17.8	22.2	21.4
Visibly Underemployed	*1981*	...	...	a	...	...
	1982	...	...	a	...	...
	1983	...	...	a	...	...
	1984	...	...	a	...	...
	1985	...	...	a	...	...
	1986	...	...	a	...	...
	1987	11.2	4.1	a	18.7	8.5
	1988	11.6	3.4	3.5	14.7	7.1
	1989	11.2	2.4	1.5	12.1	11.8
	1990	10.4	2.6	4.1	9.7	11.0
Agriculture	*1981*	51.1	1.6	a	58.8	70.9
	1982	51.3	1.3	a	60.0	73.5
	1983	51.4	1.4	a	58.7	69.3
	1984	49.6	1.2	a	56.4	63.1
	1985	48.9	1.2	a	52.4	61.5
	1986	49.9	1.5	a	57.1	68.9
	1987	47.8	1.9	a	54.5	65.3
	1988	46.1	1.9	56.9	56.2	64.6
	1989	45.1	1.3	60.7	54.4	63.7
	1990	45.2	1.4	62.7	54.2	61.0
Non-agriculture	*1981*	48.9	98.4	a	41.2	29.1
	1982	48.7	98.7	a	40.0	26.5
	1983	48.6	98.6	a	41.3	30.7
	1984	50.5	98.8	a	43.6	36.9
	1985	51.6	98.8	a	47.6	38.5
	1986	50.1	98.5	a	42.9	31.1
	1987	52.2	98.1	a	45.5	34.7
	1988	53.9	98.1	43.1	43.8	35.4
	1989	54.9	98.7	39.3	45.6	36.3
	1990	54.8	98.6	37.3	45.8	39.0

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

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

2. Data on household population (15 years and over) from 1981–1986 were based on the old series of population projections adopting the 1970 CPH results. From 1987 onwards, data were based on the new population projection series using medium assumption based on the 1980 CPH results.

3. Data were based on the final results of the October rounds of the Quarterly Labor Force Survey of the Integrated Survey of Households (ISH) using past week as the reference period.

4. The Cordillera Administrative Region (CAR) is composed of the provinces of Abra, Benguet, Ifugao, Kalinga Apayao and Mt. Province. It was only in 1988 that CAR was recognized as a region.

Source: National Statistics Office.

OVER BY EMPLOYMENT STATUS AND BY REGION
1981 TO 1990 (continued)

Region									
3	4	5	6	7	8	9	10	11	12
30.5	22.5	22.5	27.2	16.6	25.3	19.9	27.8	26.5	24.1
20.9	23.7	24.0	28.5	22.9	31.6	23.8	26.8	27.7	27.1
23.2	31.6	35.2	30.2	16.4	36.9	24.8	31.6	31.6	28.2
27.5	31.8	51.2	33.9	21.8	34.0	29.0	31.1	39.2	49.6
20.2	25.1	26.1	28.6	11.7	24.7	19.0	24.4	26.0	32.3
25.0	24.1	35.6	34.0	12.3	28.0	21.4	29.9	40.4	35.4
20.2	26.3	34.1	26.7	9.2	24.4	18.1	28.9	38.1	35.8
16.2	24.6	32.8	32.9	11.5	30.5	12.2	26.2	26.4	35.1
15.5	23.2	35.8	28.1	10.1	27.1	22.3	25.9	28.7	35.3
15.9	21.8	35.2	27.4	5.8	29.1	17.2	27.4	29.5	35.2
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
9.6	12.9	15.0	16.4	4.5	10.6	8.8	11.9	16.5	19.0
7.5	12.9	17.2	19.8	7.5	16.6	4.6	12.3	18.3	20.4
7.7	12.5	19.2	16.9	4.8	13.6	8.1	11.9	13.6	21.2
7.2	11.5	17.2	15.6	2.4	13.8	5.5	12.7	14.6	20.8
39.0	43.9	60.6	61.5	55.1	68.7	64.5	62.2	61.0	68.2
38.1	45.2	61.3	59.5	55.0	72.0	65.7	63.0	61.6	69.6
37.5	44.9	62.2	62.6	56.7	66.4	60.8	59.4	61.6	69.9
37.1	41.1	59.2	61.3	52.4	68.1	65.1	55.7	63.1	62.3
38.9	39.3	60.0	57.9	54.0	69.4	73.7	53.7	60.5	57.5
37.5	43.9	56.9	59.7	53.2	66.5	64.4	55.6	59.3	63.7
38.5	41.5	55.8	58.9	51.7	61.2	64.5	55.3	59.7	62.3
37.0	37.9	55.9	57.3	49.3	62.3	61.0	51.9	55.6	60.5
36.0	36.6	53.8	54.0	49.7	62.3	60.2	51.5	53.3	60.6
35.1	38.4	55.4	55.7	48.1	61.2	60.9	54.1	53.6	61.3
61.0	56.1	39.4	38.5	44.9	31.3	35.5	37.8	38.9	31.8
61.9	54.9	38.7	40.5	45.0	27.9	34.2	36.9	38.4	30.4
62.5	55.1	37.8	37.4	43.3	33.6	39.2	40.6	38.4	30.1
62.9	58.9	41.8	38.7	47.6	31.9	34.9	44.3	36.9	37.7
61.1	60.7	40.0	42.1	46.0	30.6	26.3	46.3	39.5	42.5
62.5	56.1	43.1	40.3	46.8	33.5	35.6	44.4	41.7	36.3
61.6	58.5	44.2	41.1	48.3	38.8	35.5	44.7	40.3	37.7
63.0	62.1	44.1	42.7	50.7	37.7	39.0	48.1	44.4	39.5
64.0	63.4	46.2	46.0	50.3	37.7	39.8	48.5	46.7	39.4
64.9	61.6	44.6	44.3	41.9	38.8	39.1	45.9	46.4	38.7

5. Underemployment rate is the ratio in percent of the number of employed persons wanting additional work/more hours of work over the total employed persons. Meanwhile, visible underemployment rate is the ratio of employed persons working more than 40 hours a week and wanting additional work or more work over the total employed persons. Note that data from 1981–1986 were based on the third quarters result of the ISH, using past quarter as the reference period. From 1987–1990, data were based on the October survey round using past week as reference period.
6. The distribution of employed persons by two major industry groups from 1981–1986 were based on the third quarter results of the ISH using past quarter as a reference period. Detailed disaggregation for past week reference period started only in 1987.

Table 11.2 – LABOR FORCE PARTICIPATION RATE AND EMPLOYMENT STATUS URBAN AND RURAL: OCTOBER 1981 to 1990

(Numbers are in thousands)

Year/Area	Labor Force Participation Rate (Percent)	Total Labor Force	Labor Force by Employment Status			
			Employed		Unemployed	
			Number	Percent	Number	Percent
Philippines						
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	91.6	2,010	8.4
1990	64.5	24,525	22,532	91.9	1,993	8.1
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
1990	61.2	9,339	8,258	88.4	1,081	11.6
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
1990	66.8	15,185	14,273	94.0	912	6.0

Notes: 1. Details may not add up to the totals due to rounding.
2. Data were based on the final results of the October rounds of the LFS of the ISH using past week as the reference period.

Source: National Statistics Office.

Figure 11.3
PROCESSED OVERSEAS CONTRACT WORKERS
1981-1990

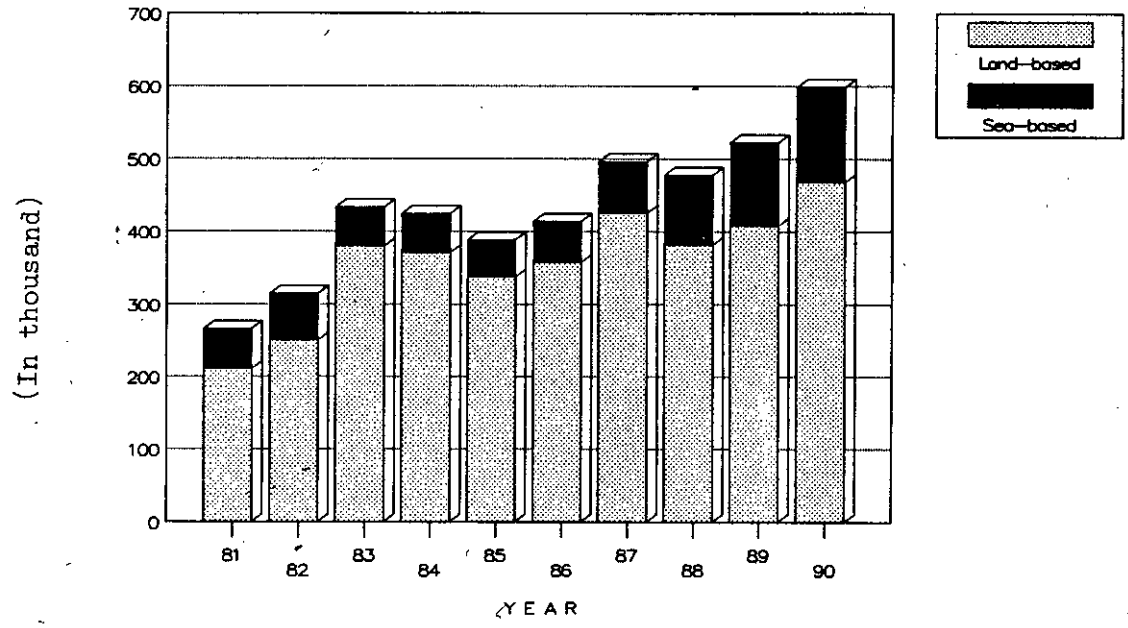

Figure 11.4
DEPLOYED OVERSEAS CONTRACT WORKERS
1984-1990

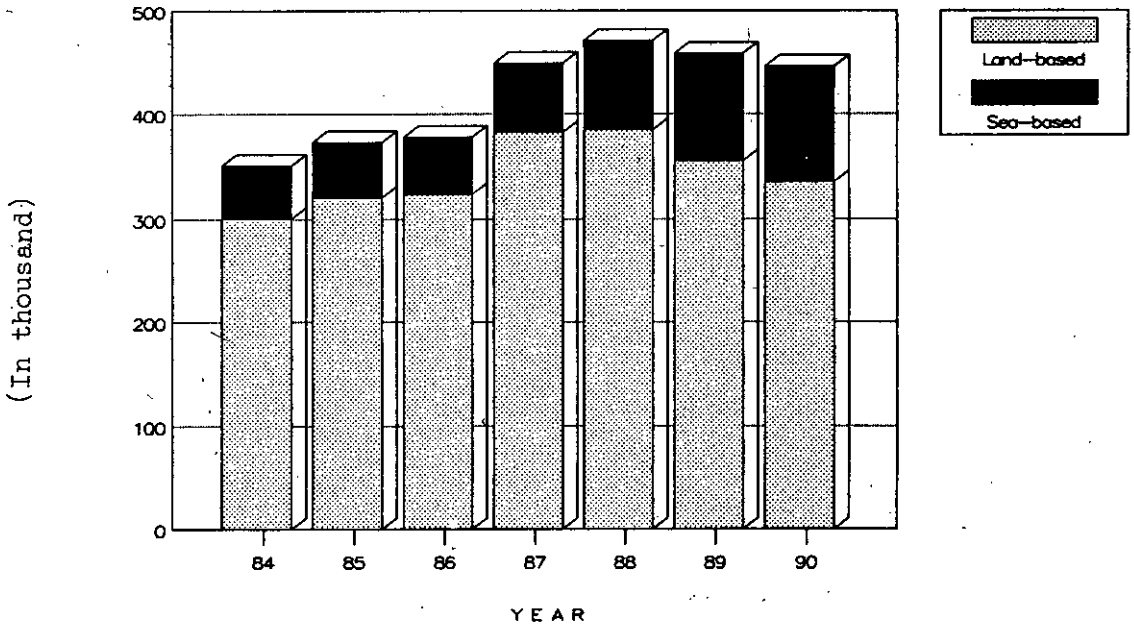

Table 11.3 – EMPLOYED PERSONS BY MAJOR

(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 reported	4	-	-	1	-	-
Male	11,249	11,270	11,926	12,319	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 reported	1	-	-	1	-	-
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 reported	3	-	-	-	-	-

Notes: 1. Details may not add up to totals due to rounding.
2. Data from 1981–1986 were based on the household population of 15 years old and over as working age using past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.

Source: National Statistics Office.

INDUSTRY GROUP BY SEX: 1981 TO 1990
thousands)

October 1987	April 1988	July 1988	October 1988	January 1989	April 1989	July 1989	October 1989	January 1990	July 1990	October 1990
20,795	21,141	21,356	21,497	21,552	22,344	21,889	21,849	21,900	22,203	22,532
9,940	10,089	9,891	9,920	9,650	10,205	9,896	9,852	9,750	10,008	10,185
146	176	163	157	182	180	156	154	139	116	133
2,059	2,158	2,250	2,238	2,321	2,309	2,336	2,298	2,309	2,210	2,188
81	80	80	95	89	96	96	83	84	91	91
759	836	865	858	949	959	905	911	959	970	974
2,857	2,788	2,930	2,972	3,010	3,138	3,098	3,074	3,188	3,134	3,145
946	1,025	1,029	1,049	1,055	1,082	1,055	1,095	1,062	1,089	1,137
386	406	381	379	388	399	405	398	410	451	444
3,621	3,582	3,765	3,827	3,907	3,965	3,925	3,972	3,983	4,119	4,220
-	1	1	2	1	10	16	13	16	14	15
13,254	13,579	13,497	13,654	13,686	14,116	13,927	13,922	13,979	14,174	14,347
7,473	7,533	7,365	7,413	7,264	7,546	7,468	7,401	7,352	7,540	7,620
135	162	148	143	160	158	141	138	121	105	121
1,108	1,156	1,194	1,192	1,242	1,225	1,183	1,221	1,271	1,190	1,187
69	65	64	80	71	78	79	67	68	78	75
744	827	853	842	936	942	892	896	942	946	957
995	1,015	1,019	1,034	1,054	1,111	1,083	1,077	1,131	1,119	1,142
897	975	981	1,001	1,007	1,030	1,008	1,043	1,017	1,046	1,092
245	260	239	241	239	250	248	250	260	274	269
1,587	1,584	1,633	1,703	1,713	1,766	1,812	1,821	1,804	1,863	1,874
-	1	-	2	1	9	13	9	14	14	11
7,542	7,562	7,859	7,843	7,865	8,228	7,962	7,927	7,921	8,028	8,185
2,467	2,556	2,526	2,507	2,387	2,659	2,428	2,451	2,397	2,468	2,565
11	14	16	14	22	22	16	16	18	11	12
950	1,002	1,055	1,046	1,079	1,083	1,153	1,076	1,039	1,020	1,001
12	15	16	15	18	18	17	17	15	14	16
16	9	12	13	13	17	13	16	17	24	18
1,862	1,772	1,911	1,939	1,955	2,028	2,016	1,997	2,058	2,015	2,003
49	50	47	48	49	52	47	52	46	43	45
141	146	142	138	149	149	157	147	149	177	175
2,034	1,998	2,132	2,124	2,193	2,198	2,113	2,151	2,179	2,256	2,346
-	-	1	-	-	1	3	3	2	-	4

3. Data from October 1987 to October 1990, on the other hand, were derived from the ISH using past week as a reference period.
4. Classification of industries were based on the 1977 Philippine Standard Industrial Classification.

Table 11.4 – EMPLOYED PERSONS BY MAJOR INDUSTRY AND (In

Major Industry/Occupation Group	Total	National Capital Region	Cordillera Administrative Region	1	2
Industry	**22,532**	**2,718**	**507**	**1,263**	**953**
Agriculture, fishery and forestry	10,185	39	318	685	581
Mining and quarrying	138	2	33	3	–
Manufacturing	2,188	550	17	81	52
Electricity, gas and water	91	23	–	3	2
Construction	974	186	17	66	35
Wholesale and retail trade	3,145	556	38	138	87
Transportation, storage and communication	1,137	237	9	55	41
Financing, insurance, real estate & business services	444	201	3	11	12
Community, social and personal services	4,220	924	71	219	143
Industry not adequately defined or reported	15	–	1	3	–
Occupation	**22,532**	**2,718**	**507**	**1,263**	**953**
Professional, technical and related workers	1,401	289	23	77	61
Administrative, executive and managerial worker	264	82	2	11	14
Clerical and related workers	987	301	13	35	21
Sales worker	3,025	526	35	130	81
Service worker	2,084	501	25	99	61
Agricultural, animal husbandry and forestry workers; fishermen and hunters	10,037	35	319	683	582
Production and related workers, transport equipment operators and laborers	4,634	938	88	225	131
Occupation not adequately defined or report	99	46	1	4	2

Notes: 1. Details may not add up to totals due to rounding.
2. Data were based on the final results of the October rounds of the Quarterly Labor Force Survey of the ISH using past week reference period.

Source: National Statistics Office.

BY MAJOR OCCUPATION GROUP AND BY REGION: OCTOBER 1990
Thousands)

Region									
3	4	5	6	7	8	9	10	11	12
2,161	2,940	1,652	2,045	1,734	134	1,078	1,417	1,646	1,069
759	1,128	916	1,139	834	825	657	766	883	655
11	6	8	11	12	–	8	21	16	3
249	428	13	110	200	69	39	80	99	75
8	14	8	3	6	3	1	12	5	1
144	171	56	44	84	41	28	40	46	16
336	420	186	28	223	183	135	201	238	114
164	200	56	5	81	41	55	48	66	27
47	51	13	24	11	12	7	17	27	8
441	521	271	367	276	173	149	230	265	169
2	1	1	–	6	–	–	1	1	–
2,161	2,940	1,652	2,045	1,734	1,349	1,078	1,417	1,646	1,069
128	183	999	104	94	61	54	79	88	60
27	30	20	17	8	11	7	13	16	6
121	121	43	65	52	28	37	51	67	32
335	423	178	280	217	181	130	185	213	112
227	262	120	196	135	80	58	100	137	84
748	1,108	911	1,102	803	823	655	762	858	650
571	807	277	271	421	166	136	217	264	122
4	5	4	11	5	–	2	10	2	4

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 work	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 or reported	5	5	11	-	5	1
Male	11,249	11,270	11,926	12,319	12,519	12,905
Professional, technical and related workers	419	409	425	408	382	386
Administrative, executive and managerial work	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 or reported	3	4	6	-	4	-
Female	6,203	6,101	7,286	7,316	7,282	7,690
Professional, technical and related workers	659	685	714	767	797	758
Administrative, executive and managerial work	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 or reported	2	2	4	-	1	1

Notes: 1. Details may not add up to totals due to rounding.
2. From third quarters of 1981–1986, household population adopted 15 years old and over as working age using past quarter reference period of the third quarter results of the ISH. Note that employment figures may be different from other tables due to the reference period used.
3. Data for October 1987 to January 1990 were derived from the ISH using past week as a reference period.

Source: National Statistics Office.

OCCUPATION GROUP BY SEX: 1981 TO 1990
thousands)

October 1987	April 1988	July 1988	October 1988	January 1989	April 1989	July 1989	October 1989	January 1990	July 1990	October 1990
20,795	21,141	21,356	21,497	21,551	22,344	21,889	21,849	21,900	22,203	22,532
1,167	1,107	1,164	1,199	1,224	1,222	1,328	1,301	1,340	1,406	1,401
181	198	184	171	177	189	189	207	216	234	264
896	918	855	899	886	921	949	943	975	956	981
2,757	2,694	2,841	2,867	2,900	3,033	2,974	2,999	3,027	3,014	3,025
1,783	1,815	1,954	1,944	2,024	2,036	1,892	1,943	1,957	1,983	2,084
9,858	9,991	9,789	9,798	9,528	10,078	9,762	9,720	9,608	9,909	10,037
4,152	4,418	4,567	4,619	4,809	4,825	4,758	4,691	4,744	4,656	4,634
2	1	2	1	4	41	37	46	33	44	99
13,254	13,579	13,497	13,654	13,686	14,116	13,927	13,922	13,979	14,174	14,347
420	402	431	446	452	459	495	469	496	517	516
134	138	137	128	133	139	144	156	169	168	191
438	427	392	411	402	423	425	428	456	428	451
931	959	957	962	974	1,029	976	998	1,008	1,041	1,048
701	751	763	775	810	819	836	848	844	863	874
7,395	7,441	7,270	7,307	7,152	7,438	7,343	7,296	7,234	7,462	7,504
3,232	3,460	3,547	3,625	3,761	3,783	3,678	3,697	3,751	3,667	3,708
2	1	1	1	3	27	29	30	22	29	57
7,542	7,562	7,859	7,843	7,865	8,228	7,962	7,927	7,921	8,028	8,185
746	705	733	753	772	763	833	831	844	889	886
46	59	47	43	44	50	44	51	47	66	73
458	491	463	489	484	498	524	516	518	529	537
1,826	1,734	1,884	1,904	1,925	2,005	1,998	2,001	2,019	1,973	1,977
1,082	1,064	1,194	1,169	1,214	1,217	1,056	1,094	1,114	1,120	1,209
2,463	2,550	2,520	2,491	2,376	2,640	2,419	2,424	2,375	2,447	2,534
920	958	1,020	994	1,049	1,042	1,080	994	993	989	926
-	-	-	-	-	14	8	16	11	15	42

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1981 TO 1990

(In thousands)

Year	Philippines			NCR			CAR			Region 1		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1981	1,586	958	629	348	225	123	a	a	a	79	52	26
1982	1,733	1,018	715	440	262	178	a	a	a	83	48	35
1983	1,587	983	605	357	222	135	a	a	a	104	66	38
1984	2,206	1,390	817	586	397	189	a	a	a	127	74	53
1985	2,362	1,473	889	720	478	243	a	a	a	133	78	55
1986	2,441	1,568	873	794	527	267	a	a	a	136	96	41
1987	2,085	1,163	922	534	334	200	a	a	a	147	85	62
1988	1,954	1,131	823	519	337	182	22	10	13	100	57	45
1989	2,010	1,101	909	480	300	180	22	13	9	96	57	39
1990	1,993	1,099	893	447	276	170	20	12	8	101	64	37
Urban												
1981	679	435	244	348	225	123	a	a	a	18	16	2
1982	824	504	320	440	262	178	a	a	a	23	16	7
1983	745	486	260	357	222	135	a	a	a	26	14	12
1984	1,239	829	410	586	397	189	a	a	a	52	31	21
1985	1,321	395	426	720	478	243	a	a	a	36	28	9
1986	1,495	999	496	794	527	267	a	a	a	53	40	13
1987	1,170	726	444	534	334	200	a	a	a	55	37	18
1988	1,089	687	402	519	337	182	3	2	2	31	23	8
1989	1,062	653	419	480	300	180	7	4	3	32	23	9
1990	1,081	651	430	447	276	170	10	7	3	25	18	7
Rural												
1981	908	523	385	–	–	–	a	a	a	60	37	24
1982	909	514	395	–	–	–	a	a	a	60	32	28
1983	842	497	345	–	–	–	a	a	a	78	51	26
1984	967	560	407	–	–	–	a	a	a	75	43	32
1985	1,041	578	463	–	–	–	a	a	a	96	50	46
1986	946	569	377	–	–	–	a	a	a	83	56	27
1987	914	437	478	–	–	–	a	a	a	91	48	44
1988	865	444	421	–	–	–	19	8	11	71	34	37
1989	948	449	499	–	–	–	15	9	6	64	34	31
1990	912	449	463	–	–	–	10	5	5	77	46	30

a – Data included in Regions 1 and 2 because Cordillera Administrative Region (CAR) was not yet recognized.

Notes: 1. Details may not add up to totals due to rounding of the Quarterly Labor Force Survey/ISH using past week as a reference period.

2. Data were based on the results of the October rounds.

Source: National Statistics Office

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1981 TO 1990 (continued)

(In thousands)

Year	Region 2			Region 3			Region 4			Region 5		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1981	64	39	25	214	132	82	194	120	74	62	39	23
1982	49	23	26	235	147	89	223	131	91	83	50	33
1983	52	26	26	246	160	86	210	143	67	72	40	32
1984	82	42	40	251	177	74	276	171	105	117	71	47
1985	67	37	30	235	158	77	332	224	109	102	53	48
1986	67	35	33	233	168	66	288	184	104	116	65	51
1987	53	21	32	280	166	114	244	135	109	91	48	43
1988	48	26	22	215	137	78	253	151	102	95	43	52
1989	47	19	28	223	127	96	272	159	113	107	51	56
1990	47	25	23	238	144	94	280	157	122	98	46	52
Urban												
1981	7	5	2	59	35	23	60	39	21	17	12	5
1982	5	3	2	69	41	28	75	47	28	17	11	6
1983	8	5	3	70	48	22	78	57	21	15	8	7
1984	20	8	12	130	102	28	123	80	43	40	25	15
1985	18	11	8	116	87	29	125	90	35	41	25	16
1986	14	7	7	119	89	30	140	92	47	41	25	16
1987	10	5	5	128	86	42	109	72	37	36	21	15
1988	9	5	4	105	72	33	119	73	46	39	23	16
1989	12	6	6	111	71	40	115	74	41	43	26	17
1990	11	7	4	134	87	48	123	80	43	40	20	20
Rural												
1981	56	34	23	156	96	59	134	81	53	62	39	23
1982	44	20	24	166	105	61	147	84	63	66	39	27
1983	44	21	23	176	112	64	132	87	46	56	31	25
1984	62	34	28	121	75	45	153	91	62	78	46	32
1985	48	26	22	119	71	48	207	133	74	61	28	32
1986	53	28	25	115	79	36	148	92	56	75	40	35
1987	43	16	27	152	80	72	135	63	72	55	27	28
1988	40	21	19	110	65	45	134	78	56	56	20	36
1989	37	13	24	112	55	57	157	84	72	64	25	39
1990	37	18	19	104	58	47	157	78	79	57	26	32

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1981 TO 1990 (continued)
(In thousands)

Year	Region 6			Region 7			Region 8			Region 9		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total												
1981	91	54	37	69	48	21	55	29	26	48	19	28
1982	167	103	63	110	67	42	58	27	32	64	31	33
1983	126	78	48	85	53	32	56	26	31	68	41	27
1984	198	128	70	89	62	27	138	63	75	43	29	14
1985	184	113	71	126	78	48	109	42	67	72	55	17
1986	219	129	90	103	73	30	77	39	38	71	34	37
1987	167	92	75	131	84	47	106	47	59	66	37	29
1988	153	83	70	105	65	40	86	36	50	57	30	27
1989	183	100	83	107	63	44	113	42	71	61	27	34
1990	170	92	78	139	65	73	84	39	45	67	27	40
Urban												
1981	52	31	21	38	27	12	20	12	8	10	6	5
1982	54	35	19	46	27	18	16	10	6	17	12	5
1983	45	32	13	51	34	17	11	7	4	16	11	5
1984	61	42	19	52	40	12	43	22	21	10	8	2
1985	60	43	17	65	46	18	23	13	10	17	15	2
1986	78	50	28	61	49	12	26	15	11	25	11	14
1987	78	47	31	75	49	26	29	16	13	14	9	5
1988	49	26	23	66	43	23	26	13	13	17	12	5
1989	61	38	23	50	30	20	26	11	15	16	7	9
1990	56	33	23	76	39	37	25	12	13	14	8	6
Rural												
1981	91	54	37	69	48	21	55	29	26	48	19	28
1982	113	69	44	64	40	24	42	17	26	47	19	28
1983	81	46	35	34	19	15	45	19	26	52	30	22
1984	137	85	51	37	22	15	95	41	54	33	21	12
1985	124	70	53	61	31	30	86	29	57	55	40	15
1986	141	78	63	42	24	18	51	24	28	46	23	23
1987	89	45	44	56	35	21	77	31	46	52	28	24
1988	104	57	47	39	22	17	60	23	37	40	18	22
1989	122	62	60	57	33	24	87	31	56	45	20	25
1990	114	58	55	63	27	36	59	27	32	53	19	34

Table 11.6 – NUMBER OF UNEMPLOYED PERSONS BY SEX REGION AND AREA: OCTOBER 1981 TO 1990 (continued)
(In thousands)

Year	Region 10			Region 11			Region 12		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total									
1981	67	34	33	72	29	43	37	22	15
1982	80	46	34	95	56	39	46	26	20
1983	93	61	32	87	50	37	32	18	14
1984	114	63	52	143	88	56	42	26	15
1985	111	73	38	120	62	58	51	23	28
1986	122	72	50	162	109	53	52	38	14
1987	98	41	57	118	50	68	50	25	25
1988	108	62	46	140	71	69	50	24	26
1989	103	45	58	135	69	66	56	27	29
1990	111	59	52	138	68	69	51	22	29
Urban									
1981	19	12	7	24	11	13	6	3	2
1982	26	18	8	30	17	12	6	4	2
1983	27	20	7	28	19	9	14	10	4
1984	33	19	15	77	47	30	11	9	3
1985	32	21	11	57	34	23	10	4	6
1986	42	25	17	88	60	28	16	9	7
1987	34	18	16	59	29	30	10	4	6
1988	34	19	15	62	35	27	10	4	6
1989	22	13	9	74	42	32	13	6	7
1990	31	19	12	73	40	33	17	6	11
Rural									
1981	67	34	33	72	29	43	37	22	15
1982	54	27	26	65	28	26	40	22	18
1983	66	41	25	59	31	28	18	8	10
1984	81	44	37	66	40	26	30	18	13
1985	79	52	27	63	28	35	41	19	22
1986	81	47	34	74	49	25	36	29	7
1987	64	23	41	59	21	38	40	21	19
1988	74	43	31	78	36	42	40	20	20
1989	81	32	49	61	27	34	43	21	22
1990	81	41	40	65	29	35	34	16	18

Table 11.7 – NOMINAL AND REAL LEGISLATED DAILY WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS IN METRO MANILA AND AREAS OUTSIDE METRO MANILA 1972 TO 1990

(In pesos)

Year	Nominal Legislated Daily Wage Rates				Real Legislated Daily Wage Rates (1978 = 100)			
	Non-Agriculture		Agriculture		Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation
1972	8.00	8.00	4.75	4.75	16.23	17.35	10.30	10.30
1973	8.00	8.00	4.75	4.75	14.04	15.01	8.91	8.91
1974	8.82	8.82	5.57	5.57	11.59	12.28	7.76	7.76
1975	10.65	9.26	7.13	7.13	12.94	13.90	9.31	9.31
1976	12.09	11.37	8.75	8.03	13.94	13.42	4.77	9.48
1977	14.40	13.32	11.15	10.07	15.40	14.28	11.95	10.79
1978	15.74	14.65	12.48	11.40	15.74	14.65	12.48	11.40
1979	20.48	19.40	16.63	14.16	17.17	16.55	14.19	12.08
1980	27.39	26.30	22.68	17.03	19.36	19.00	16.39	12.30
1981	31.37	30.29	25.85	19.43	19.77	19.32	16.49	12.39
1982	31.82	30.74	26.18	19.65	18.06	17.81	15.17	11.38
1983	34.22	33.14	27.97	20.95	17.52	17.48	14.75	11.05
1984	48.47	47.38	39.66	29.92	16.63	16.60	13.89	10.48
1985	57.08	56.00	46.67	35.67	16.22	15.87	13.23	10.11
1986	57.08	56.00	46.67	35.67	15.41	15.90	13.25	10.12
1987	58.27	57.24	47.67	36.49	14.73	15.74	13.11	10.04
1988	69.33	69.33	58.50	47.12	15.93	17.58	14.84	11.95
Jan.	69.33	69.33	58.50	47.12	16.61	18.13	15.30	12.32
Feb.	69.33	69.33	58.50	47.12	16.38	17.99	15.18	12.23
Mar.	69.33	69.33	58.50	47.12	16.29	17.87	15.08	12.15
Apr.	69.33	69.33	58.50	47.12	16.26	17.85	15.06	12.13
May	69.33	69.33	58.50	47.12	16.12	17.78	15.00	12.08
June	69.33	69.33	58.50	47.12	15.84	17.62	14.87	11.97
July	69.33	69.33	58.50	47.12	15.80	17.49	14.76	11.89
Aug.	69.33	69.33	58.50	47.12	15.76	17.42	14.69	11.84
Sept.	69.33	69.33	58.50	47.12	15.72	17.44	14.71	11.85
Oct.	69.33	69.33	58.50	47.12	15.71	17.40	14.68	11.82
Nov.	69.33	69.33	58.50	47.12	15.36	17.13	14.45	11.64
Dec.	69.33	69.33	58.50	47.12	15.37	16.91	14.26	11.49

Table 11.7 – NOMINAL AND REAL LEGISLATED DAILY WAGE RATES IN THE AGRICULTURAL AND NON-AGRICULTURAL SECTORS IN METRO MANILA AND AREAS OUTSIDE METRO MANILA 1972 TO 1990 (continued)

(In pesos)

Year	Nominal Legislated Daily Wage Rates				Real Legislated Daily Wage Rates (1978 = 100)			
	Non-Agriculture		Agriculture		Non-Agriculture		Agriculture	
	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation	Metro-Manila	Outside Metro-Manila	Plantation	Non-Plantation
1989	82.88	82.88	72.04	55.25	17.37	18.97	16.49	12.64
Jan.	69.33	69.33	58.50	47.12	15.25	16.62	14.03	11.30
Feb.	69.33	69.33	58.50	47.12	15.07	16.58	13.99	11.27
Mar.	69.33	69.33	58.50	47.12	15.17	16.59	14.00	11.28
Apr.	69.33	69.33	58.50	47.12	15.02	16.52	13.94	11.22
May	69.33	69.33	58.50	47.12	14.86	16.35	13.79	11.11
June	69.33	69.33	58.50	47.12	14.57	16.03	13.53	10.90
July	96.42	96.42	85.58	63.38	20.18	22.00	19.52	14.46
Aug.	96.42	96.42	85.58	63.38	19.90	21.63	19.20	14.22
Sept.	96.42	96.42	85.58	63.38	19.77	21.45	19.04	14.10
Oct.	96.42	96.42	85.58	63.38	19.54	21.27	18.88	13.98
Nov.	96.42	96.42	85.58	63.38	19.36	21.03	18.67	13.83
Dec.	96.42	96.42	85.58	63.38	18.97	20.56	18.25	13.51
1990								
Jan.	96.42	96.42	85.58	63.38	18.93	20.39	18.10	13.40
Feb.	96.42	96.42	85.58	63.38	18.81	20.37	18.08	13.39
Mar.	96.42	96.42	85.58	63.38	18.69	20.33	18.05	13.36
Apr.	96.42	96.42	85.58	63.38	18.27	20.25	17.98	13.31
May	96.42	96.42	85.58	63.38	18.11	20.13	17.87	13.23
June	96.42	96.42	85.58	63.38	17.78	19.95	17.71	13.11
July	96.42	96.42	85.58	63.38	17.32	19.68	17.47	12.94
Aug.	96.42	96.42	85.58	63.38	17.25	19.63	17.42	12.90
Sept.	96.42	96.42	85.58	63.38	16.94	19.53	17.34	12.84
Oct.	96.42	96.42	85.58	63.38	16.87	19.12	16.97	12.57
Nov.)	Effective November 1990, wage rates are determined							
Dec.)	on a provincial basis per RA 6727.							

Sources: National Wages and Productivity Commission
Bureau of Labor and Employment Statistics, DOLE

Table 11.8 – PROCESSED OVERSEAS CONTRACT WORKERS 1975 TO 1990

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
1990	598,769	468,591	130,178

Source: Philippine Overseas Employment Administration.

Table 11.9 – DEPLOYED OVERSEAS CONTRACT WORKERS 1984 to 1990

Year	Total	Land-based	Sea-based
1984	350,982	300,378	50,604
1985	372,784	320,494	52,290
1986	378,214	323,517	54,697
1987	449,271	382,229	67,042
1988	471,030	385,117	85,913
1989	458,626	355,346	103,280
1990	446,095	334,883	111,212

Source: Philippine Overseas Employment Administration.

Table 11.10 – DEPLOYED LAND-BASED CONTRACT WORKERS BY MAJOR WORLD GROUPINGS: 1984 to 1990

Year	Total	Africa	Asia	Europe	Middle East	Oceania	The Americas	Trust Territories
1984	300,378	1,843	38,817	3,683	250,210	913	2,515	2,397
1985	320,494	1,977	52,838	4,067	253,867	953	3,744	3,048
1986	323,517	1,847	72,536	3,693	236,434	1,080	4,035	3,892
1987	382,229	1,856	90,434	5,643	272,038	1,271	5,614	5,373
1988	385,117	1,958	92,648	7,614	267,035	1,397	7,902	6,563
1989	355,346	1,741	86,196	7,830	241,081	1,247	9,962	7,289
1990	334,883	1,273	90,768	6,853	218,110	942	9,557	7,380

Source: Philippine Overseas Employment Administration.

Figure 11.5
DEPLOYED LAND-BASED CONTRACT
WORKERS BY MAJOR WORLD GROUPING, 1990

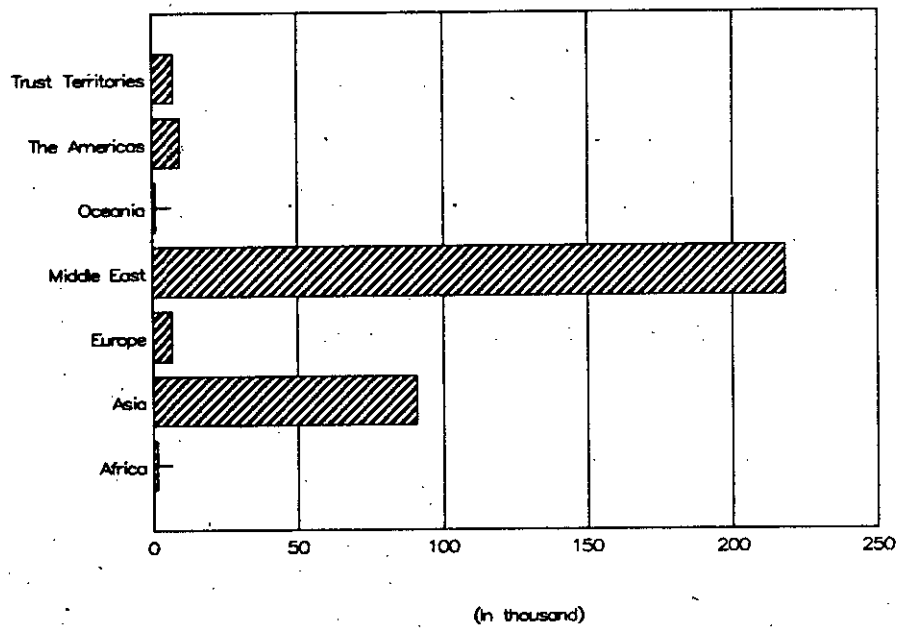

Table 11.11 – NUMBER AND MEMBERSHIP OF EXISTING LOCAL/INDEPENDENT UNIONS AND PUBLIC SECTOR UNIONS BY REGION: 1981 TO 1990

Year	Philippines		NCR		CAR		Region 1		Region 2	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1981	1,771	448,222	1,177	262,666	a	a	35	16,497	12	4,812
1982	1,693	466,985	1,055	253,345	a	a	40	16,757	13	4,308
1983	1,538	427,146	972	229,610	a	a	33	15,807	12	5,011
1984	1,680	451,086	1,078	247,230	a	a	34	16,118	12	5,011
1985	1,868	477,687	1,197	263,574	a	a	46	17,291	12	5,011
1986	2,217	517,038	1,389	281,701	a	a	57	18,475	15	5,368
1987	2,723	594,157	1,747	342,792	a	a	66	19,310	20	5,584
1988	3,321	648,672	1,993	393,662	34	15,770	46	8,938	23	4,721
1989	3,934	733,327	2,300	430,125	40	17,900	58	9,583	26	4,990
1990	4,485	813,693	2,625	476,036	50	18,656	55	8,242	36	4,918

Year	Region 3		Region 4		Region 5		Region 6		Region 7	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1981	111	29,411	139	35,157	42	4,569	34	15,268	37	22,899
1982	125	49,820	146	34,718	44	4,745	35	15,085	45	28,098
1983	113	42,106	151	34,340	40	4,204	25	13,785	36	12,019
1984	122	42,624	159	35,336	42	4,292	28	14,839	39	12,416
1985	132	43,348	175	37,519	47	4,657	33	15,854	39	12,416
1986	162	46,642	211	43,386	59	5,602	40	16,900	58	15,689
1987	197	49,341	240	49,511	72	6,474	47	17,553	81	17,790
1988	206	51,095	274	54,930	84	7,282	95	16,513	98	12,552
1989	256	58,443	325	61,545	122	9,377	155	25,231	128	15,826
1990	290	62,059	394	68,707	140	10,737	194	27,534	149	18,305

Year	Region 8		Region 9		Region 10		Region 11		Region 12	
	Number	Membership	Number	Membership	Number	Membership	Number	Membership	Number	Membership
1981	28	3,150	12	1,473	41	22,077	74	23,676	29	6,567
1982	32	4,140	13	1,544	43	23,317	72	24,181	30	6,927
1983	26	3,706	13	1,833	33	26,942	58	32,163	26	5,620
1984	28	3,761	14	1,971	37	27,327	60	34,511	27	5,650
1985	30	3,869	16	2,407	45	30,595	66	35,212	30	5,934
1986	43	4,927	21	3,057	49	30,872	77	38,004	36	6,415
1987	52	5,598	27	3,770	54	31,276	82	38,539	38	6,619
1988	64	7,468	32	4,269	139	32,206	148	27,798	85	11,468
1989	74	8,305	42	15,081	158	34,473	159	30,103	91	12,345
1990	70	11,769	48	15,598	172	36,113	149	40,629	113	14,390

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

Source: Bureau of Labor Relations

Table 11.12 – COLLECTIVE BARGAINING AGREEMENT FILED AND WORKERS COVERED BY REGION: 1981 TO 1990

Year	Philippines		NCR		CAR		Region 1		Region 2	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1981	920	141,883	671	87,201	a	a	6	4,324	3	1,538
1982	809	105,483	569	63,535	a	a	1	750	1	94
1983	931	108,637	645	70,737	a	a	1	276	4	2,781
1984	818	94,856	575	58,453	a	a	3	3,450	3	489
1985	1,086	110,897	721	60,339	a	a	2	NR	–	–
1986	1,128	144,002	770	84,499	a	a	17	684	9	1,992
1987	1,459	146,165	977	86,174	a	a	18	8,906	1	102
1988	1,434	115,857	1,106	79,843	...	...	10	824	–	–
1989	1,874	146,807	1,527	87,177	...	...	11	2,519	1	57
1990	2,481	230,025	1,862	126,712	10	5,304	7	1,130	5	...

Year	Region 3		Region 4		Region 5		Region 6		Region 7	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1981	21	8,515	29	8,011	2	89	81	12,359	48	3,961
1982	25	2,474	16	5,554	–	–	63	6,629	89	12,556
1983	21	2,774	61	6,556	2	157	71	12,326	64	4,474
1984	19	2,710	44	9,382	1	58	47	5,138	58	4,642
1985	19	2,443	39	7,139	3	174	82	7,604	143	10,130
1986	37	12,159	37	7,700	1	150	64	8,704	118	14,564
1987	42	2,959	69	10,785	5	521	57	5,500	188	13,882
1988	17	904	59	7,842	3	227	53	7,197	122	11,441
1989	41	3,458	49	10,845	22	743	47	8,682	106	12,995
1990	84	11,919	89	16,366	20	2,864	49	9,430	136	18,705

Year	Region 8		Region 9		Region 10		Region 11		Region 12	
	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered	CBAs	Workers Covered
1981	2	410	4	865	18	3,228	32	11,287	3	95
1982	1	244	5	2,381	15	5,599	20	3,645	4	2,022
1983	–	–	1	156	19	2,573	36	5,561	6	266
1984	2	262	6	622	15	2,701	43	6,772	2	177
1985	3	760	3	165	22	3,826	41	17,804	8	513
1986	1	297	4	274	15	3,233	46	8,623	9	1,123
1987	3	981	8	554	26	2,412	58	13,062	7	327
1988	2	77	6	449	17	2,103	36	4,865	3	85
1989	6	181	–	–	16	5,649	46	14,501	2	...
1990	43	3,829	8	2,018	66	10,835	89	20,404	13	509

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

Sources: Bureau of Labor Relations. DOLE

Table 11.13 – NUMBER OF STRIKE NOTICES FILED, ACTUAL STRIKES, WORKERS INVOLVED AND MAN-DAYS LOST PHILIPPINES: 1980 TO 1990

Year	Strike/Lockout Notices Filed	Actual Strikes				
		Total	With Notices	Without Notices	Workers Involved	Man-days Lost (000)
1980	362	62	31	31	20,902	105
1981	784	260	155	105	98,585	796
1982	743	158	119	39	53,824	1,670
1983	705	155	113	42	33,638	394
1984	960	282	239	43	65,306	1,908
1985	1,175	371	309	62	111,265	2,458
1986	1,613	581	459	122	169,479	3,638
1987	1,715	436	365	71	89,574	1,908
1988	1,428	267	222	45	75,848	1,525
1989	1,518	197	169	28	56,541	955
1990	1,562	183	164	19	68,412	1,345

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

12 SOCIAL SERVICES

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

Included as part of social services is the protection afforded by the state for workers and their families. Social Security is provided by two institutions, namely: the Government Service Insurance System (GSIS) and the Social Security System (SSS). The GSIS serves the needs of workers in the government while the SSS provides for those in the private sector. Among the benefits provided by these institutions are financial and medical help to the worker and his dependent in case of illness, injury, death or loss of job. Also, financial assistance is extended to retirees. The GSIS and the SSS are financed by the contributions of both the employers and the employees.

It also includes community services rendered during calamities. The data were provided by the National Disaster Coordinating Council of the Department of National Defense.

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Figure 12.1
BENEFITS PAID BY THE GSIS AND SSS
1981-1990

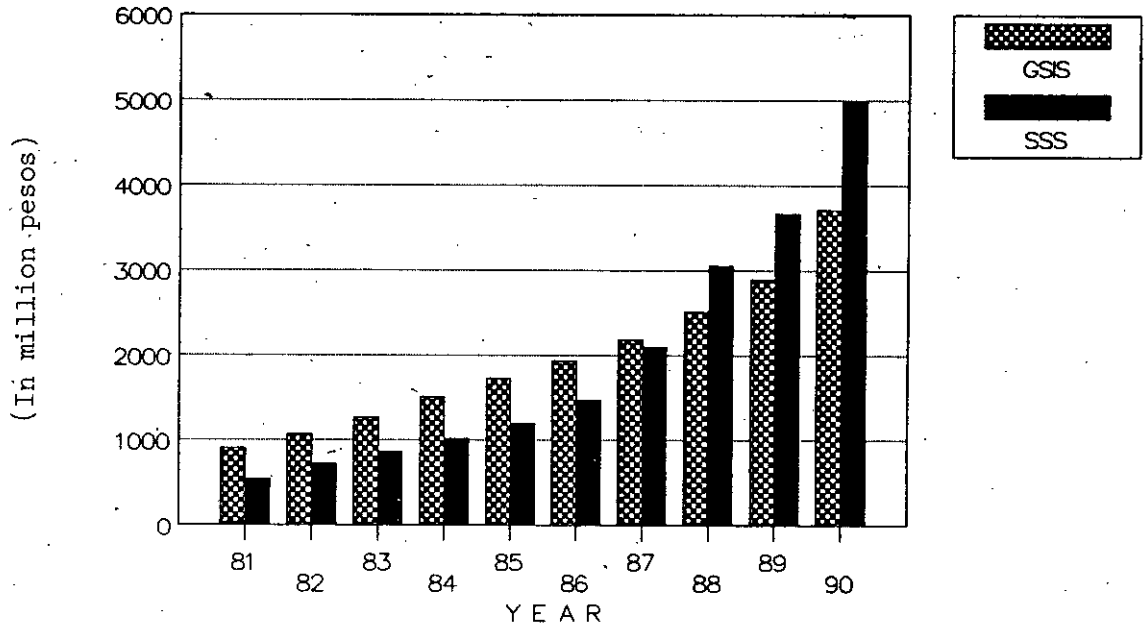

Figure 12.2
VALUE OF DAMAGES CAUSED BY NATURAL
DISASTERS, PHILIPPINES, 1981-1990

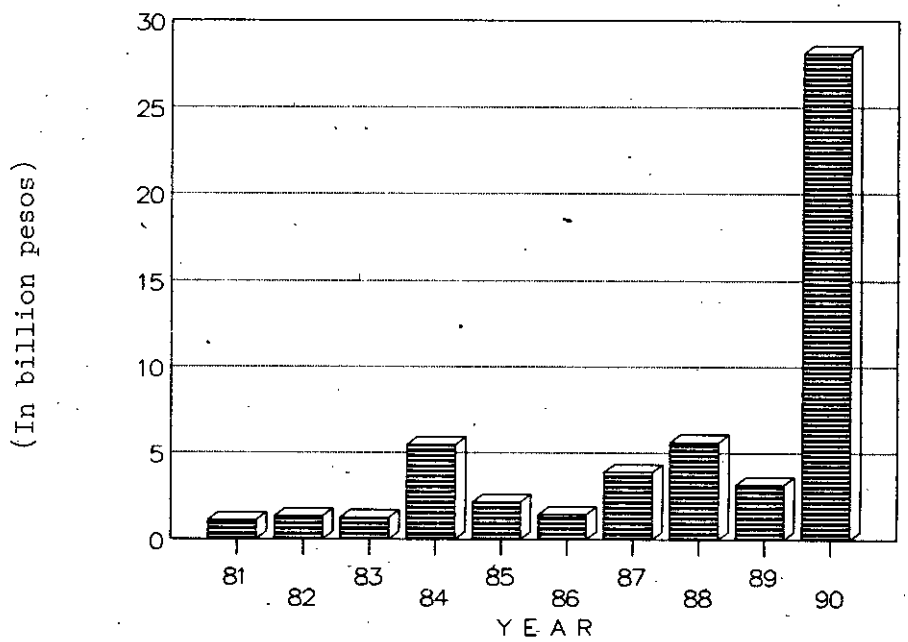

Table 12.1 – OUTREACH HEADCOUNT BY

Year and Clientele Category	Total	Metropolitan Manila Area	CAR	1	2	3
1977	1,917,238	99,021	..	152,924	80,148	155,609
1978	3,320,798	242,328	..	254,504	192,981	522,828
1979	3,715,855	111,477	..	301,848	199,346	312,178
1980	3,716,157	205,498	..	357,926	320,415	338,788
			..			
1981	4,777,303	245,342	..	362,688	283,767	316,405
1982	3,220,553	114,616	..	328,682	240,522	289,111
1983	5,101,131	245,626	..	387,276	268,540	304,663
1984	7,975,883	314,241	..	672,431	322,419	337,437
1985	4,145,591	202,344	..	377,866	344,215	300,681
			..			
1986	5,276,303	347,537	..	429,041	336,905	511,990
1987	6,234,949	235,541	..	438,290	313,008	304,020
1988	7,283,165	527,368	183,236	357,683	281,816	670,655
1989	6,780,105	607,088	237,243	601,085	377,015	455,103
1990	10,138,662	605,582	415,516	858,090	398,805	731,145
Disadvantaged Family heads and other needy adults	1,257,216	78,423	59,393	97,974	91,994	89,407
Disadvantaged Child and Youth [2]	2,200,362	120,892	74,717	136,405	97,199	213,678
Disadvantaged women[3]	538,667	26,286	22,713	22,450	30,360	30,639
Disabled and special groups	277,524	24,690	14,118	25,435	21,785	16,001
Purely Distressed [1]	5,864,893	355,291	244,575	575,826	157,467	381,420

1 In some instances, distressed cases are counted in more than one category because of the multiplicity of services rendered. Hence, the non-duplicated 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.

CLIENTELE AND BY REGION: 1977 TO 1990

R e g i o n								
4	5	6	7	8	9	10	11	12
209,457	160,159	275,071	124,200	57,431	245,856	170,330	96,579	90,453
321,259	173,162	288,241	229,276	173,788	224,534	254,236	247,887	195,774
277,385	171,560	342,906	201,554	719,871	329,190	287,003	275,373	186,164
256,840	179,683	364,617	239,368	215,546	443,492	278,108	232,801	283,075
484,560	393,420	370,563	220,312	218,134	501,503	741,516	365,209	273,884
232,524	217,711	379,457	221,459	122,451	366,894	244,801	232,200	230,125
471,207	327,398	401,779	202,198	546,507	454,323	384,553	705,711	401,350
460,693	299,892	1,066,979	1,869,883	844,800	377,057	636,819	417,988	355,244
346,861	367,954	481,136	252,357	250,887	417,120	229,736	253,479	321,000
611,161	284,263	503,645	251,698	368,388	503,547	419,349	345,460	363,314
850,251	1,168,024	510,906	254,020	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
634,281	365,968	1,609,701	1,425,392	937,588	476,161	711,267	470,693	498,473
150,237	86,719	120,860	86,663	79,393	77,874	93,234	69,875	75,170
269,283	164,367	191,129	174,443	191,011	143,015	178,227	131,907	114,089
63,067	47,503	70,566	38,024	31,389	58,430	24,297	32,671	40,272
21,470	22,342	17,127	13,733	19,013	24,300	25,226	16,760	15,524
130,224	45,037	1,210,019	1,112,529	616,782	172,542	390,283	219,480	253,418

Table 12.2 – SERVICE HEADCOUNT BY PROGRAM : 1988 to 1990
(In Thousands)

PROGRAM	1988	1989	1990
TOTAL	11,136	11,744	10,139
Community Welfare	335	1,128	-
Family Welfare	1,821	1,714	1,257
Women's Welfare	212	1,096	539
Child and Youth Welfare	2,765	3,193	2,200
Disabled Persons Welfare	330	488	278
Emergency Assistance	5,673	4,125	5,865

Note: New program categorization of service headcount adopted by DSWD.
Source: Department of Social Welfare and Development.

Table 12.3 – NUMBER OF INSTITUTIONS/CENTERS/FACILITIES INVOLVED IN THE DISTRIBUTION OF SOCIAL SERVICES 1987 to 1990

Institution/Center/Facility	1987	1988	1989	1990
TOTAL	36	37	46	53
Child Caring Institution	10	12	17	23
Youth Centered/Facilities	17	16	17	18
Facilities for Disabled Persons and Specials Groups	9	9	12	12

Source: Department of Social Welfare and Development.

Table 12.4 – COVERAGE AND CONTRIBUTIONS RECEIVED BY THE GSIS 1976 TO 1990

(In millions)

Year	Member-ship [1]	All Funds	Social Insurance Fund [2]	Optional Life Insurance Fund [3]	General Insurance Fund [4]	Medicare Insurance Fund [5]	Employees Compensation Insurance Fund [6]
1976 [7]	0.79	340.3	170.1	–	128.4	21.4	20.4
1977	0.83	1,036.7	761.8	–	143.1	74.2	57.6
1978	0.87	1,318.3	925.1	61.4	182.7	73.7	75.4
1979	0.95	1,631.4	1,154.6	59.8	216.9	132.7	67.4
1980	1.05	1,753.4	1,259.8	66.1	214.1	141.2	72.2
1981	1.06	1,842.2	...	...	261.6	...	...
1982	1.14	2,299.8	1,645.4	76.1	309.8	175.7	92.8
1983	1.20	2,473.0	1,771.5	74.6	324.9	198.7	103.3
1984	1.28	2,543.6	1,772.4	83.4	397.1	185.6	105.1
1985	1.28	3,021.9	2,090.1	87.7	519.2	188.9	136.0
1986	1.27	3,477.6	2,264.5	131.9	737.9	190.7	152.6
1987	1.28	4,399.4	2,800.4	172.8	930.2	278.1	217.9
1988	1.33	4,647.7	3,070.9	200.2	938.8	245.5	192.3
1989	1.40	5,563.8	3,769.8	215.5	1,038.0	325.7	214.8
1990	1.40	8,756.9	6,473.0	234.6	1,206.0	449.0	394.3

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

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

3 Started operation 1978.

4 Refers to gross premium written.

5 Started operation in 1972.

6 Started operation in March 1975.

7 July to December 31.

Source: Government Service Insurance System Annual Reports.

Table 12.5 – BENEFITS PAID BY THE GSIS BY FUND 1976 TO 1990 (In million pesos)

Year	Total	Social Insurance Fund [1]	Optional Life Insurance Fund [2]	General Insurance Fund [3]	Medicare Insurance Fund [4]	Employees Compensation Insurance Fund [5]
1976	442.3	348.9	–	4.5	85.4	3.5
1977	481.0	372.0	–	14.0	87.7	7.3
1978	664.1	519.2	24.0	7.3	87.4	26.2
1979	692.1	524.8	23.8	14.3	106.1	23.1
1980	776.8	590.9	22.5	11.9	114.8	36.7
1981	906.8	701.8	26.1	12.4	125.0	41.5
1982	1,067.1	830.5	33.0	19.8	128.2	55.6
1983	1,267.4	969.3	32.4	28.0	147.4	90.3
1984	1,509.0	1,140.2	36.8	36.3	171.0	124.7
1985	1,731.9	1,280.8	41.8	59.5	174.1	175.7
1986	1,931.3	1,486.5	47.3	23.6	174.5	199.4
1987	2,183.0	1,620.9	57.5	66.0	224.5	214.1
1988	2,518.5	1,888.1	62.9	51.3	239.3	276.9
1989	2,892.5	2,096.6	77.3	206.3	276.6	235.8
1990	3,707.9	2,676.0	81.2	204.0	416.5	330.2

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

2 Started operation in 1978.

3 Refers to Property Insurance Fund prior to 1973.

4 Started operation in 1972.

5 Started operation in 1975.

Source: Government Service Insurance System

Table 12.6 – COVERAGE AND CONTRIBUTIONS RECEIVED BY THE SOCIAL SECURITY, MEDICARE AND EMPLOYEES' COMPENSATION 1976 TO 1990

(In thousand)

Year	Coverage 1		Contributions (in pesos)			
	Worker	Employer	All Funds	Social Security 2	Medicare 2	Employees' Compensation 3
1976	5,587	185	839,534	613,874	140,662	84,998
1977	6,153	197	952,880	700,094	155,377	97,409
1978	6,768	209	1,104,645	821,672	173,742	109,231
1979	7,381	221	1,445,385	1,054,696	264,675	126,014
1980	8,058	231	1,617,716	1,186,582	290,548	140,586
1981	8,534	240	1,785,914	1,319,584	313,725	152,605
1982	9,029	250	1,900,274	1,405,953	330,775	163,546
1983	9,526	259	1,988,271	1,474,320	340,598	173,353
1984	9,864	270	2,112,081	1,582,809	342,421	186,851
1985	10,076	272	2,187,302	1,658,719	332,817	195,766
1986	10,294	276	2,221,353	1,688,057	335,222	198,074
1987	10,616	282	4,158,151	3,355,345	546,156	256,650
1988	10,792	296	5,172,087	4,287,645	616,054	268,388
1989	11,775	327	6,150,858	5,122,042	731,126	297,690
1990	12,453	363	7,354,331	6,262,909	777,443	313,978

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

Year	Social Security System [1]					
	Sub-Total	Death [4]	Disability	Sickness	Retirement	Maternity [5]
1976	163,411	28,076	8,394	44,613	82,076	–
1977	184,885	35,948	9,853	46,529	92,007	–
1978	281,586	67,083	17,587	58,506	120,690	17,403
1979	343,703	88,659	20,520	64,050	135,695	34,410
1980	427,294	111,656	30,485	63,322	183,502	37,851
1981	540,579	148,468	43,052	69,429	230,929	48,302
1982	725,857	205,146	61,062	82,243	316,629	60,352
1983	865,373	262,126	82,938	82,778	375,438	61,668
1984	1,017,319	312,277	105,099	85,946	445,285	68,284
1985	1,199,322	387,726	123,995	96,117	510,253	80,566
1986	1,470,340	482,970	137,647	91,310	677,662	80,438
1987	2,096,359	751,823	193,405	133,296	924,122	93,202
1988	3,052,324	1,076,238	274,581	315,993	1,194,989	189,728
1989	3,663,259	1,359,906	316,537	373,372	1,403,461	209,984
1990	4,971,161	1,879,818	497,839	444,800	1,883,395	265,308

1 Includes refund of contribution.
2 Started operation in 1972.
3 Started operation in 1975.
4 Includes funeral grants starting 1974.
5 Maternity benefits were given starting 1978.
6 Includes funeral grants starting 1980.

Source: Social Security System.

SECURITY, MEDICARE AND
BY TYPE: 1976 TO 1990
pesos)

Refund of Contribution	Medicare 2	Employees' Compensation 3					
		Sub-Total	Death 4	Sickness	Rehabilitation Services	Disability	Medical Services
252	161,701	10,341	979	5,650	–	1,166	2,546
548	137,575	14,528	1,752	7,164	–	1,650	3,962
317	178,189	18,966	3,288	7,914	–	2,341	5,423
369	208,535	24,477	4,535	9,790	–	3,172	6,980
478	203,831	29,297	7,197	10,376	19	4,277	7,428
399	214,676	36,162	9,057	10,864	64	4,680	11,497
425	251,498	39,306	10,936	12,009	77	6,364	9,920
425	259,395	49,407	16,281	11,359	279	7,617	13,871
428	239,355	59,027	19,264	11,271	629	8,024	19,839
665	264,507	67,623	26,030	10,787	166	8,651	21,989
313	279,118	80,381	32,409	10,113	284	14,124	23,451
511	350,247	88,668	47,028	11,074	4,493	11,952	14,121
795	474,474	128,921	59,551	18,289	3,503	16,571	31,007
711	449,521	153,531	74,277	28,437	13,096	14,195	23,526
983	710,502	189,877	105,061	35,536	285	22,589	26,407

Table 12.8 – DAMAGES CAUSED BY MAJOR NATURAL DISASTERS: 1976 TO 1990

Year	Type of Disaster	Date of Occurrence	Areas Affected	Population Affected		Casualties		Houses Damaged		Value of Damages (million pesos)
				Families	Persons	Dead	Injured	Totally	Partially	
1976	Flooding	Nov. 30	Region VI (Aklan & Capiz)	14,313	71,565	10	-	-	809	11.533
	T Didang	May 19-28	Regions I, II, III & IV	500,054	2,719,415	200	20	3,792	4,912	624.693
	Earthquake/ Tsunami	Aug. 17	Regions IX, X, XI & XII	60,356	362,136	3,782	9,240	-	-	246.946
1977	T Unding	Nov. 10-17	Regions I, II, III, IV, V, VI, VIII	133,141	798,846	40	115	15,679	16,115	301.003
	Flooding	Feb. 19-22	Regions VIII, X	1,499	7,495	10	-	-	-	14.102
1978	T Kading	Oct. 25-27	Regions I, II & III	237,736	1,236,435	444	749	45,465	65,040	1,021.000
1979	Flashflood	June 26	Region XII	16,000	96,000	-	-	-	-	5.178
	T Bebeng	Apr. 13-19	Regions I, V, VI & VIII	111,929	672,025	30	73	47,248	57,087	267.118
1980	Flooding	Dec. 19-25	Regions X & XI	121,332	736,079	336	14,298	-	-	346.205
	T Aring	Nov. 1-7	Regions I, II, III, IV, V, VI & VIII	245,064	1,384,053	103	-	5,431	29,054	1,356.000
1981	T Anding	Nov. 22-27	Regions I, II, III & IV	111,411	655,269	68	42	49,110	98,324	505.289
	T Dinang	Dec. 23-27	Regions IV, V & VIII	112,639	674,619	188	1,838	40,237	52,161	586.816
1982	T Bising	Mar. 23-28	Regions VIII, VII & X	103,204	657,274	112	85	58,244	18,233	587.499
	T Weling	Oct. 12-15	Regions I & II	51,532	301,431	96	183	12,464	34,111	623.233
	Flooding	Jan. 25-30	Regions IX, X & XII	81,328	436,687	27	1	15	-	99.264
1983	Drought	Jan. to Mar.	Regions I to XII	422,765	FARMERS	-	-	-	-	763.144
	T Bebeng	July 14-16	Regions III, IV, V & VIII	120,811	628,985	115	27	29,054	76,346	466.863

Source: National Disaster Coordinating Council.

Table 12.8 – DAMAGES CAUSED BY MAJOR NATURAL DISASTERS 1976 TO 1990 (continued)

Year	Type of Disaster	Date of Occurrence	Areas Affected	Population Affected		Casualties		Houses Damaged		Value of Damages (million pesos)
				Families	Persons	Dead	Injured	Totally	Partially	
1984	T Nitang	Aug. 31 – Sept. 4	Regions IV, VI, VII, VIII, X & XI	273,794	1,630,296	900	443	108,219	142,653	3,914.000
	T Undang	Nov. 3-6	Regions IV, V, VI, VII & VIII	373,491	1,936,732	895	272	201,014	163,506	1,541.000
1985	T Saling	Oct. 15-20	Regions I, II, III, IV & V	209,842	1,054,063	88	7	63,136	201,263	2,132.000
1986	T Gading	July 6-10	Regions I, II, III, IV & NCR	142,050	730,357	106	16	2,689	13,896	678.493
	TS Ruping	Oct. 17-20	Regions V & VIII	259	1,248	2	-	49	136	734.394
1987	T Herming	Aug. 8-13	Regions IV, V & VIII	228,286	1,253,398	85	414	61,758	114,922	2,065.000
	T Sisang	Nov. 23-27	Regions IV, V & VIII	318,968	2,019,385	100	79	153,339	175,449	1,119.000
	Drought	Jan. - Apr.	Regions I to XII	-	-	-	-	-	-	706.445
1988	T Unsang	Oct. 21-26	Regions I to XI	537,152	2,742,666	157	316	38,932	146,781	5,636.000
1989	Flooding	Jan. 15-20	Regions V & VIII	81,152	459,730	101	79	1,826	22,355	392.203
	T Saling	Oct. 9-10	Regions I, III, IV, V, VIII & NCR	135,245	682,699	58	121	12,273	37,699	1,394.000
	T Goring	July 14-17	Regions I, II, III, IV, VI, IX & X	95,269	488,757	90	386	8,845	46,269	1,363.000
1990	Drought	Jan. - Apr.	Regions I to XII	220,269	1,189,309	-	-	-	-	3,386.000
	Earthquake	Feb. 8	Region VII (Bohol)	10,931	54,059	10	273	199	2,949	121.433
	Flashflood	June 12	Regions IX (Zamboanga del Sur)	1,534	8,108	36	-	168	163	40.000
	Earthquake	July 16	Regions I, II, III, IV & NCR	227,918	1,255,248	1,283	2,786	25,207	77,249	12,225.037
	T Iliang	Aug. 28-30	Regions I, II, III, IV, CAR & NCR	130,219	568,675	50	53	684	1,961	1,520.000
	T Ruping	Nov. 10-14	Regions IV, V, VI, VII, VIII, IX, X, XI, XII	1,010,004	5,498,290	508	1,278	22,026	630,885	10,846.000

Table 12.9 – NUMBER OF DISASTER COORDINATING COUNCILS, CONTROL GROUPS AND MEMBERS/VOLUNTEERS TRAINED: 1980 TO 1990

Year	Disaster Coordinating Council						Disaster Control Group	Members/ Volunteers Trained
	Total	Regional	Provincial	City	Municipal	Barangay		
1980	2,387	...	6	11	121	2,249	72	24,084
1981	2,280	2	6	6	142	2,124	308	16,333
1982	2,880	3	19	19	139	2,700	131	14,040
1983	3,348	...	2	...	150	3,196	46	27,792
1984	2,203	1	16	10	133	2,043	124	8,636
1985	1,179	2	6	8	139	1,024	87	6,422
1986	654	5	19	6	248	376	141	11,362
1987	193	1	3	6	21	162	38	1,296
1988	786	1	23	10	427	325	192	9,213
1989	1,455	...	17	10	230	1,198	77	16,013
1990	2,918	...	8	8	193	2,709	144	16,037

Source: National Disaster Coordinating Council.

13 TRANSPORTATION AND COMMUNICATION

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

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

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

Data on air transport refer to the operating and traffic statistics of domestic air carriers, particularly the Philippine Air Lines. These figures include information on the system-wide operations of the air carrier as to distance coverage, and passenger and cargo services which are further classified into domestic and international operations. The Air Transportation Office provides data on the number of airports.

Water transport statistics relate to seaborne commercial traffic data with reference to number and tonnage of vessels entered and cleared at the Port of Manila. These are by-products of the administrative and regulatory functions of the Bureau of Customs. The Philippine Ports Authority maintains data on the number of government and privately-owned ports and subports in the operation throughout the archipelago. The Philippine Coast Guard maintains the number and gross tonnage of registered vessels by type of service.

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

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Table 13.1 – NUMBER OF PASSENGERS, FREIGHT BY PHILIPPINE NATIONAL

Year	Passengers Carried (thousand)	Passengers Revenue (thousand) pesos)	Revenue per Passenger	MMRC Passenger Carried	MMRC Revenue (thousand pesos)
1950	6,185.3	6,742.0	1.09	n.a.	n.a.
1955	7,148.1	8,291.8	1.16	n.a.	n.a.
1960	9,442.4	13,502.6	1.43	n.a.	n.a.
1965	8,234.8	16,222.6	1.97	n.a.	n.a.
1970	6,052.1	26,629.2	4.40	n.a.	n.a.
1971	5,132.9	30,848.7	6.01	n.a.	n.a.
1972	4,477.6	29,776.0	6.65	n.a.	n.a.
1973	3,754.5	20,612.2	5.49	n.a.	n.a.
1974	4,451.1	26,484.0	5.95	n.a.	n.a.
1975	5,399.6	32,181.6	5.96	n.a.	n.a.
1976	4,255.0	44,338.0	10.42	n.a.	n.a.
1977	4,892.8	43,791.0	8.95	n.a.	n.a.
1978	4,012.4	39,442.0	9.83	n.a.	n.a.
1979	3,021.8	34,832.0	11.53	3,442.7	2,422.6
1980	2,465.7	42,435.0	17.21	4,957.7	6,502.0
1981	1,651.4	32,252.0	19.53	6,156.3	9,321.9
1982	1,316.2	27,996.0	21.27	4,335.9	7,151.2
1983	1,375.6	36,219.0	26.33	5,142.2	9,729.6
1984	1,262.6	48,799.0	38.65	4,755.4	13,093.0
1985	749.0	41,974.0	56.04	2,952.2	10,206.9
1986	909.6	45,516.0	50.04	2,834.7	7,927.5
1987	1,177.8	61,222.0	51.98	2,024.0	5,219.1
1988	968.1	64,766.0	66.90	1,182.1	2,975.3
1989	1,004.7	69,093.9	68.77	979.7	2,519.1
1990	928.0	74,964.0	80.78	5,560.8	12,454.5

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

Source: Philippine National Railways and Metro Transit Organization Incorporated.

AND EXPRESS TONNAGE, AND REVENUE
RAILWAYS: 1950 to 1990

Revenue per Commuter	Freight Tons Loaded (thousand)	Freight Revenue (thousand) pesos)	Revenue per Freight Ton (pesos)	Express Tons Loaded (thousand)	Express Revenue (thousand) pesos)	Revenue per Express Ton (pesos)
n.a.	787.2	6,812.0	8.65	44.3	1,674.6	37.80
n.a.	1,130.8	7,357.4	6.51	48.9	1,975.7	40.40
n.a.	1,337.1	8,441.0	6.31	59.6	2,344.6	39.34
n.a.	837.3	5,263.8	6.29	61.6	2,421.6	39.31
n.a.	277.7	4,512.1	16.25	100.3	4,415.9	44.03
n.a.	378.8	5,146.7	13.59	68.5	3,587.5	52.37
n.a.	204.8	2,189.4	10.69	69.9	3,582.8	51.26
n.a.	257.0	4,304.2	16.75	83.3	4,649.4	55.82
n.a.	331.8	8,215.5	24.76	104.5	8,224.8	78.71
n.a.	280.6	9,383.7	33.44	69.4	8,036.5	115.80
n.a.	208.6	6,073.7	29.12	56.4	5,736.6	101.71
n.a.	194.3	6,740.4	34.69	51.3	5,267.6	102.68
n.a.	158.7	5,152.2	32.47	37.2	3,802.9	102.23
0.7037	145.5	5,783.4	39.75	34.2	4,381.5	128.11
1.3115	141.9	6,440.5	45.39	24.8	4,288.5	172.92
1.5142	115.8	6,729.9	58.12	18.2	3,411.0	187.42
1.6493	79.2	5,440.3	68.69	15.8	3,642.0	230.51
1.8921	65.3	5,377.6	82.35	17.1	3,989.0	233.28
2.7533	72.1	8,851.4	122.77	21.6	6,878.3	318.44
3.4574	53.0	7,667.4	144.67	19.4	6,988.2	360.22
2.7966	64.0	7,341.8	114.72	21.5	8,116.7	377.52
2.5786	62.2	7,903.6	127.07	27.7	9,452.8	341.26
2.5170	57.0	7,976.5	139.04	23.3	10,091.2	433.10
2.5713	53.2	6,861.6	129.00	21.5	9,819.4	456.72
2.2397	32.2	3,864.6	120.00	16.8	9,281.2	552.45

Figure 13.1
Number of Motor Vehicles Registered
by Type of Vehicle, 1982-1990

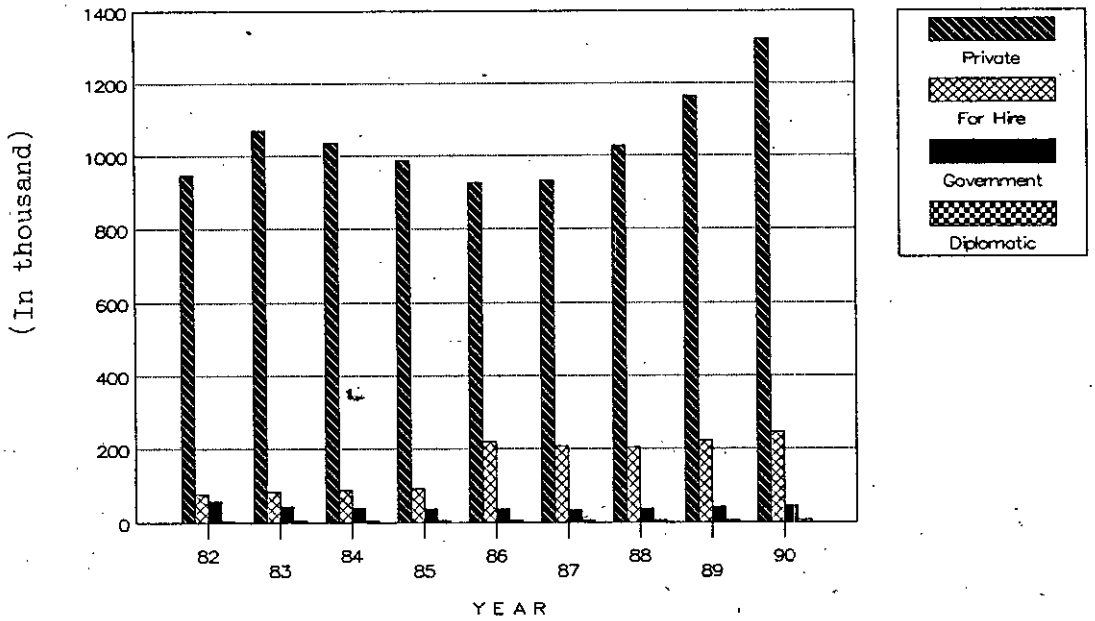

Figure 13.2
Number of Motor Vehicles Registered
by Region, 1990

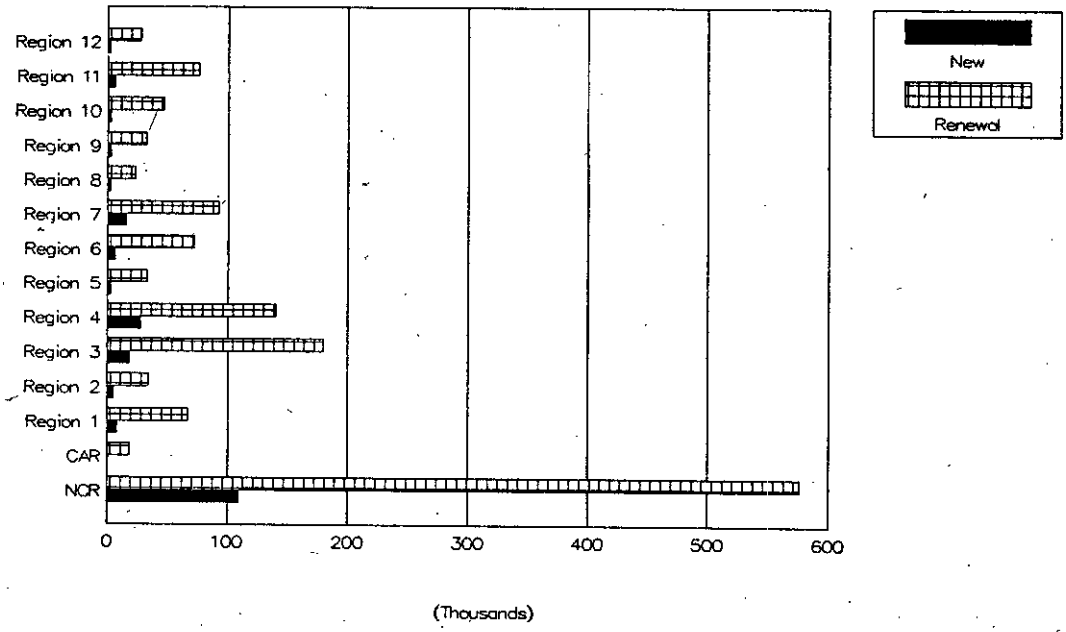

Table 13.2 – NUMBER OF MOTOR VEHICLES REGISTERED BY TYPE OF VEHICLE: 1982 to 1990

Type of Vehicle	1982	1983	1984	1985	1986	1987	1988	1989	1990
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	1,620,242
Private	947,807	1,068,114	1,035,732	988,143	925,229	931,750	1,026,057	1,162,065	1,322,783
Cars	318,975	348,637	343,747	332,473	338,687	343,775	361,494	393,699	430,735
Utility Vehicles	317,718	354,015	340,553	328,179	334,930	357,768	400,166	452,459	520,534
Buses	4,671	4,191	3,676	2,804	3,119	3,497	3,273	3,535	3,288
Trucks	88,061	93,727	86,335	79,759	82,050	85,907	95,773	105,111	117,047
Motorcycles/ Tricycles	203,492	252,338	245,500	231,207	153,563	128,281	151,560	192,626	233,861
Trailers	14,890	15,206	15,921	13,721	12,880	12,522	13,791	14,635	17,318
For hire	77,393	83,350	87,082	90,607	219,871	207,384	204,093	223,238	246,082
Cars	8,894	9,698	8,344	7,123	9,086	7,355	7,092	9,755	13,676
Utility Vehicles	41,688	50,256	56,353	57,961	62,491	66,018	55,895	62,773	71,365
Buses	11,939	11,962	11,253	11,641	11,586	11,278	11,420	13,077	14,667
Trucks	7,336	7,710	7,407	6,362	6,054	5,899	5,435	6,109	6,515
Motorcycles/ Tricycles	6,079	2,772	2,753	6,622	129,873	116,079	123,418	130,700	138,948
Trailers	1,457	952	972	898	781	755	833	819	911
Government	58,368	44,040	37,657	36,947	36,527	33,410	35,636	40,869	45,482
Cars	13,151	5,884	6,071	5,694	6,130	4,783	4,941	6,323	6,052
Utility Vehicles	25,075	23,654	19,815	19,690	19,133	17,971	19,038	21,173	23,704
Buses	748	561	350	291	269	398	390	338	386
Trucks	9,723	7,416	6,200	6,001	5,694	4,589	5,241	5,251	5,607
Motorcycles/ Tricycles	8,872	6,315	5,080	5,161	5,189	5,208	5,924	7,649	9,617
Trailers	799	210	141	110	112	461	102	135	116
Diplomatic	3,612	5,299	5,086	4,475	4,205	4,209	4,697	5,297	5,895

Source: Land Transportation Office.

Table 13.3 – NUMBER OF MOTOR VEHICLES REGISTERED

Year	Total		Cars		Utility Vehicles	
	New	Renewal	New	Renewal	New	Renewal
1981	133,449	872,581	35,645	282,440	35,072	329,634
1982	137,192	949,988	33,292	308,757	38,948	346,362
1983	137,250	1,063,553	31,111	335,891	38,075	389,850
1984	60,216	1,105,341	12,722	348,000	17,610	399,111
1985	41,570	1,078,602	8,589	339,360	11,669	394,161
1986	60,633	1,125,199	7,571	349,117	13,826	402,728
1987	71,000	1,105,753	10,657	348,108	23,144	418,613
1988	87,963	1,182,520	16,322	360,324	33,543	441,556
1989	141,499	1,289,965	32,808	380,190	50,821	485,584
1990	206,090	1,414,152	42,389	412,165	74,731	540,872
NCR	109,343	575,435	35,880	271,079	34,772	216,863
CAR	456	18,203	47	4,822	264	9,666
Region 1	7,566	66,513	167	8,320	1,586	23,616
Region 2	4,940	33,728	135	3,120	1,192	11,300
Region 3	18,312	179,658	2,825	39,314	8,833	75,984
Region 4	27,429	140,063	390	25,361	19,166	69,270
Region 5	2,233	32,668	36	3,400	138	10,943
Region 6	6,197	71,227	504	12,866	1,966	27,129
Region 7	15,143	92,049	1,845	19,537	3,801	27,172
Region 8	1,964	22,686	2	1,602	241	7,765
Region 9	2,439	31,953	29	2,385	650	9,263
Region 10	2,491	46,741	24	5,743	690	17,008
Region 11	5,674	75,573	500	11,192	1,203	24,939
Region 12	1,903	27,655	5	3,424	229	9,954

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, NEW AND RENEWAL: 1981 to 1990

Trucks		Buses		Motorcycles/ Tricycles		Trailers	
New	Renewal	New	Renewal	New	Renewal	New	Renewal
11,661	91,479	2,270	15,551	47,313	139,677	1,488	13,800
10,336	96,538	1,187	16,171	51,342	167,101	2,087	15,059
9,746	101,110	1,042	15,672	55,608	205,817	1,668	15,213
4,759	97,312	433	14,846	23,366	229,967	1,326	16,105
3,220	90,718	277	14,459	16,965	226,025	850	13,879
3,413	91,805	309	14,665	34,750	253,875	764	13,009
5,112	92,640	545	14,628	30,430	219,138	1,112	12,626
6,438	101,589	573	14,510	29,659	251,243	1,428	13,298
8,273	110,109	868	16,082	46,599	284,376	2,130	13,624
13,419	117,554	2,119	16,222	70,034	312,392	3,398	14,947
9,980	34,912	1,297	3,950	25,035	41,542	2,379	7,089
22	1,410	17	282	106	1,979	0	44
42	4,877	182	1,868	5,580	27,248	9	584
437	5,112	42	683	3,012	13,019	122	494
578	15,666	122	2,840	5,651	42,943	303	2,911
249	10,200	155	2,434	7,371	31,734	98	1,064
4	2,773	37	945	2,016	14,527	2	80
382	11,589	22	523	3,298	18,652	25	468
1,414	8,221	149	821	7,522	35,508	412	790
23	2,718	29	393	1,657	10,054	12	154
51	2,713	12	365	1,697	17,123	0	104
71	6,181	7	187	1,693	17,360	6	262
141	8,369	31	734	3,772	29,549	27	790
25	2,813	17	197	1,624	11,104	3	113

Table 13.4 – NUMBER OF MOTOR VEHICLES REGISTERED

Year	Total		Cars		Utility vehicles	
	Gas	Diesel	Gas	Diesel	Gas	Diesel
1981	773,049	217,693	308,096	9,989	243,295	121,411
1982	805,176	264,858	329,752	12,297	233,169	152,141
1983	861,223	322,699	351,296	15,706	230,727	197,198
1984	826,305	321,821	345,055	15,667	216,454	200,267
1985	794,368	311,021	335,267	12,682	206,341	199,489
1986	852,345	319,708	344,197	12,491	211,888	204,666
1987	829,850	333,165	346,573	12,192	226,567	215,190
1988	905,864	349,893	364,355	12,291	248,612	226,487
1989	1,021,703	394,007	398,593	14,405	280,949	255,456
1990	1,152,785	449,112	437,079	17,475	323,598	292,005
Metro Manila area						
NCR	502,708	172,602	292,527	14,432	137,357	114,278
CAR	11,144	7,471	4,558	311	4,420	5,510
Region 1	51,984	21,502	8,345	142	11,018	14,184
Region 2	24,212	13,840	3,157	98	4,984	7,508
Region 3	140,021	54,735	41,361	778	46,947	37,870
Region 4	99,392	66,938	25,274	477	34,377	54,059
Region 5	24,628	10,191	3,353	83	4,624	6,457
Region 6	49,911	27,020	12,941	429	16,650	12,445
Region 7	86,781	19,209	21,041	341	23,575	7,398
Region 8	18,455	6,029	1,584	20	4,787	3,219
Region 9	28,123	6,165	2,350	64	6,668	3,245
Region 10	34,219	14,745	5,721	46	9,112	8,586
Region 11	58,716	21,714	11,466	226	13,206	12,936
Region 12	22,491	6,951	3,401	28	5,873	4,310

Source: Land Transportation Office.

BY CLASSIFICATION, BY REGION, BY TYPE OF FUEL USED: 1981 to 1990

Trucks		Buses		Motorcycles/ Tricycles		Trailers
Gas	Diesel	Gas	Diesel	Gas	Diesel	
35,584	67,556	5,365	12,456	180,709	6,281	15,288
28,690	78,184	3,207	14,151	210,358	8,085	17,146
23,050	87,806	1,939	14,775	254,211	7,214	16,881
18,783	83,288	1,285	13,994	244,728	8,605	17,431
14,934	78,950	829	13,907	236,997	5,993	14,729
13,856	81,362	1,958	13,016	280,446	8,173	13,773
11,719	86,033	1,478	13,695	243,513	6,055	13,738
14,899	93,128	797	14,286	277,201	3,701	14,726
16,111	102,271	800	16,150	325,250	5,725	15,754
17,446	113,527	1,050	17,291	373,612	8,814	18,345
5,898	38,994	349	4,898	66,577	0	9,468
93	1,339	2	297	2,071	14	44
126	4,793	25	2,025	32,470	358	593
150	5,399	13	712	15,908	123	616
2,927	13,317	192	2,770	48,594	0	3,214
581	9,868	55	2,534	39,105	0	1,162
201	2,576	14	968	16,436	107	82
3,243	8,728	43	502	17,034	4,916	493
1,532	8,103	206	764	40,427	2,603	1,202
386	2,355	10	412	11,688	23	166
521	2,243	23	354	18,561	259	104
495	5,757	4	190	18,887	166	268
836	7,674	66	699	33,142	179	817
457	2,381	48	166	12,712	66	116

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	148,695	19,838	19,227	8,932	13,320
Gross tonnage	104,728	22,288	15,310	6,754	6,993
Net tonnage	60,973	14,613	8,060	3,798	3,747
1989					
Number of vessels	161,012	20,500	20,788	10,312	14,104
Gross tonnage	123,934	23,526	19,344	9,800	7,737
Net tonnage	70,494	14,684	10,230	5,495	4,386
1990 P					
Number of vessels	162,866	21,461	21,266	10,349	13,774
Gross tonnage	140,469	29,519	22,785	9,921	7,976
Net tonnage	76,246	16,279	12,307	5,514	4,435

* Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Limay, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, Jose Panganiban, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Primcesa, Surigao & Virac

P preliminary

Source: National Statistics Office.

OF VESSELS ENTERED AND
AND INTERNATIONAL: 1980 to 1990
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
87,378	12,428	4,252	944	124	263	6,845
53,383						
30,755	77,654	22,104	3,991	631	1,826	49,102
95,308	14,278	5,201	1,060	184	305	7,528
63,527						
35,699	83,949	25,598	4,952	707	1,562	51,130
96,016	14,897	5,778	1,073	202	297	7,547
70,268						
37,711	91,638	30,928	4,873	919	1,613	53,305

Table 13.6 – INTERNATIONAL AND COASTWISE SHIPPING MOVEMENTS 1980 TO 1990

Year	International shipping movements at the Port of Manila			
	Entered		Cleared	
	Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
1980	2,682	11,687	2,658	11,567
1981	2,451	11,640	2,429	11,552
1982	2,408	12,130	2,413	12,102
1983	2,388	12,692	2,382	12,586
1984	1,803	9,701	1,789	9,575
1985	1,882	9,569	1,870	9,483
1986	1,993	9,448	1,977	9,293
1987	2,141	11,186	2,114	10,932
1988	2,138	11,118	2,114	10,986
1989	2,604	12,838	2,597	12,760
1990 P	2,896	15,523	2,882	15,405

Year	Coastwise shipping movements at major ports (26 ports) *			
	Entered		Cleared	
	Number of Vessels	Net tonnage (tonnage)	Number of Vessels	Net tonnage (tonnage)
1980	76,410	25,954	76,388	26,182
1981	71,787	24,609	71,796	23,834
1982	69,035	25,726	70,398	25,943
1983	69,699	28,299	70,608	28,315
1984	63,726	24,999	63,175	26,407
1985	69,976	26,567	68,695	26,159
1986	68,829	27,670	68,662	27,597
1987	72,678	28,964	72,601	28,915
1988	74,282	30,652	74,413	30,321
1989	80,649	35,391	80,363	35,103
1990 P	81,475	38,242	81,391	38,004

* Includes Aparri, Batangas, Bislig, Cagayan de Oro, Catbalogan, Cebu, Iloilo, Limay, Manila, Masao, Dadiangas, Davao, Dumaguete, Iligan, Jolo, San Fernando, Tabaco, Tacloban, Legaspi, Masbate, Osamis, Puerto Princesa, Surigao, Virac and Zamboanga.

P preliminary

Source: National Statistics Office.

Figure 13.3
Number of Licensed Radio Stations
by Ownership, 1981-1990

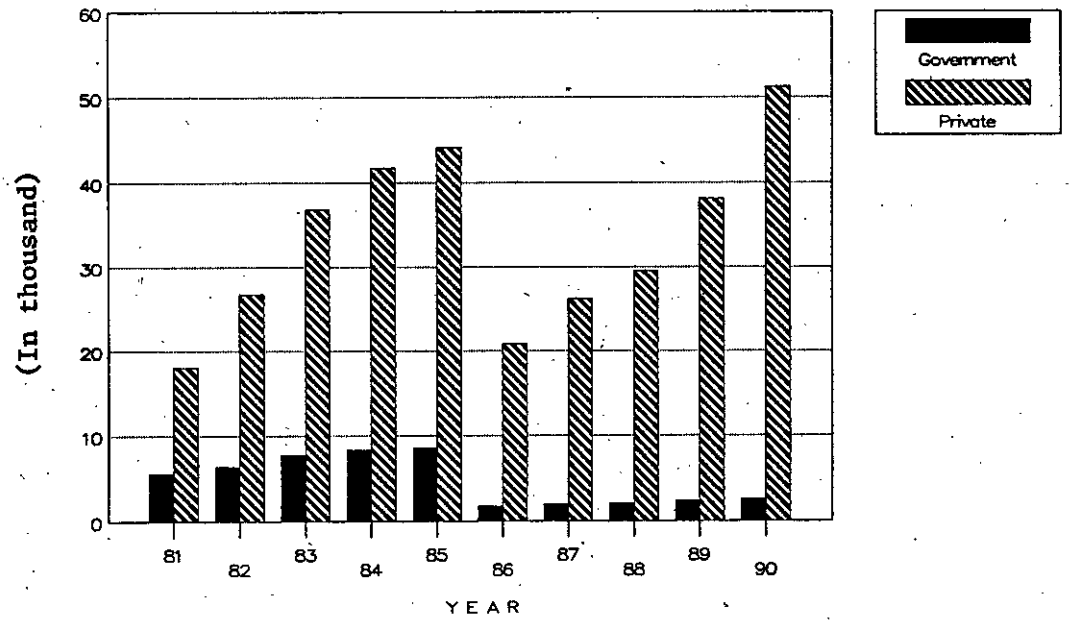

Figure 13.4
Summary of Mail
Volume Handled, 1981-1990

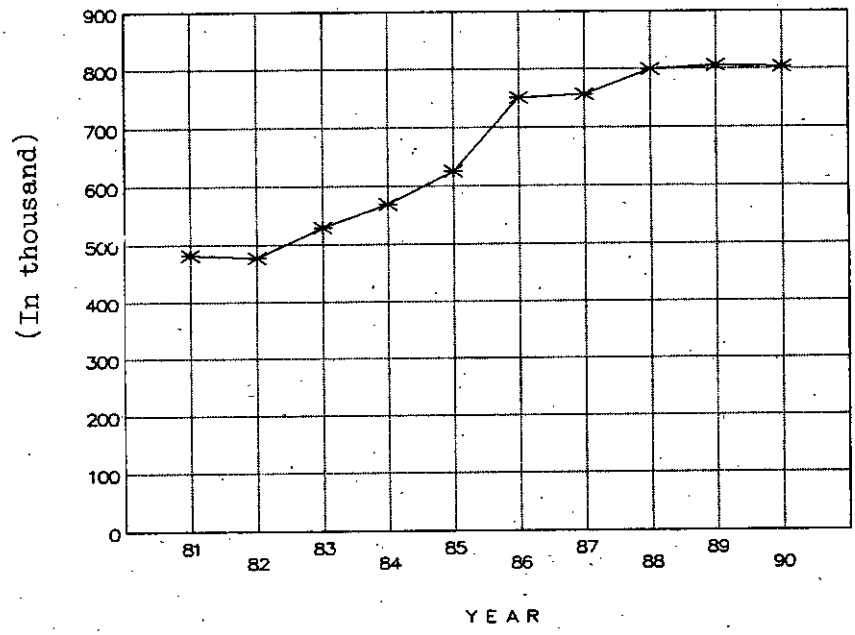

Table 13.7 – NUMBER AND GROSS TONNAGE

Vessels by gross tonnage/ by type of service	1982		1983		1984		1985	
	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage	Number of vessels	Gross tonnage
Total	872	894,533	796	1,064,279	698	2,703,026	835	4,334,241
Passenger ships	22	5,369	46	68,289	9	3,404	12	31,401
Cargo ships	196	772,523	179	916,972	216	2,314,287	278	4,168,829
Tanker	7	15,604	24	7,594	15	332,308	44	71,221
Tugs, dredges, etc.	47	5,575	43	5,740	26	4,891	38	9,115
Light barges, etc.	109	68,455	77	40,016	37	30,231	63	32,764
Fishing vessels	474	16,917	355	21,818	217	12,298	282	17,012
Sailing vessels	15	132	40	2,524	105	2,544	75	2,069
Pleasure yachts	1	20	14	566	13	391	7	296
Miscellaneous ships	1	9,938	18	760	60	2,672	36	1,534

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

OF REGISTERED PHILIPPINE VESSELS: 1982 to 1990

1986		1987		1988		1989		1990	
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
819	4,393,786	1,128	5,906,312	1,129	4,563,349	1,022	4,503,651	1,140	4,342,808
10	4,910	15	4,347	30	74,033	32	63,953	62	593,948
256	4,105,828	334	5,820,463	322	4,300,914	369	4,132,216	429	3,655,181
20	201,670	17	13,004	22	108,828	24	238,388	19	11,936
39	5,312	32	6,491	41	4,432	48	6,266	58	6,106
49	51,242	66	31,066	83	44,254	79	38,999	64	38,414
328	21,079	462	28,047	419	26,387	361	21,567	479	36,584
73	2,225	156	1,851	51	1,306	25	1,048	0	0
5	90	17	925	9	473	6	62	17	347
39	1,430	29	118	152	2,722	78	1,152	12	292

Table 13.8 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES SYSTEM-WIDE OPERATIONS, 1980 to 1990
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	43,522	42,384	43,379	428	43,807
1981	45,602	44,507	45,009	404	45,413
1982	45,897	44,972	45,667	466	46,133
1983	53,300	52,260	52,960	302	53,262
1984	51,570	50,361	50,962	235	51,197
1985	50,778	49,711	50,891	177	51,068
1986	53,964	53,083	53,656	96	53,752
1987	54,856	52,956	54,584	131	54,715
1988	60,937	58,530	59,866	132	59,998
1989	60,960	57,771	59,150	149	59,299
1990	59,136	55,894	57,986	210	58,196

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
1980	6,033,347	8,965,939	3,313	712,033	49,650
1981	6,685,523	10,487,795	3,543	831,679	56,163
1982	7,368,957	10,466,092	3,890	881,209	61,737
1983	8,320,404	12,288,612	4,320	1,031,649	80,741
1984	8,367,865	11,567,720	4,394	1,055,480	83,503
1985	8,614,222	11,635,887	4,610	1,066,323	79,364
1986	8,900,879	12,066,382	4,834	1,108,694	89,157
1987	9,259,910	12,200,536	5,244	971,152	104,311
1988	10,712,832	13,986,713	5,717	1,360,994	106,780
1989	10,592,931	14,047,177	5,912	1,381,451	120,737
1990	10,518,426	14,520,725	5,665	1,360,203	118,323

Source: Philippine Air Lines.

Table 13.9 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, DOMESTIC: 1980 to 1990
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	17,164	16,644	17,134	251	17,385
1981	17,063	16,233	16,497	239	16,736
1982	17,861	17,169	17,396	215	17,611
1983	19,595	18,970	19,395	211	19,606
1984	20,205	19,321	19,670	190	19,860
1985	20,286	19,428	19,815	140	19,955
1986	21,656	20,739	21,284	79	21,363
1987	22,639	21,803	22,613	91	22,704
1988	23,769	22,114	22,844	109	22,953
1989	24,937	22,581	23,284	122	23,406
1990	23,194	21,191	22,088	83	22,171

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
1980	1,100,653	1,549,875	2,299	98,690	28,035
1981	1,166,839	1,562,907	2,445	102,326	28,440
1982	1,258,704	1,661,506	2,674	112,273	35,648
1983	1,392,516	1,862,517	2,982	126,759	45,548
1984	1,452,001	1,880,766	3,077	131,088	46,697
1985	1,551,995	1,947,919	3,267	140,100	46,584
1986	1,620,224	2,042,847	3,457	150,421	54,980
1987	1,774,545	2,213,965	3,769	168,324	65,939
1988	1,868,192	2,262,588	3,956	174,293	63,820
1989	1,921,064	2,470,837	4,121	180,539	66,442
1990	1,866,374	2,632,705	3,988	183,123	68,794

Source: Philippine Air Lines.

Table 13.10 – OPERATING AND TRAFFIC STATISTICS OF THE PHILIPPINE AIRLINES, INTERNATIONAL: 1980 to 1990
(In thousands)

Year	Distance coverage				
	Scheduled kilometers	Scheduled kilometers flown	Total revenue kilometers flown	Total non-revenue kilometers flown	Total kilometers flown
1980	26,358	25,740	26,244	177	26,421
1981	28,539	28,274	28,512	165	28,677
1982	28,036	27,803	28,271	251	28,522
1983	33,705	33,290	33,565	91	33,656
1984	31,365	31,040	31,292	45	31,337
1985	30,492	30,283	31,076	37	31,113
1986	32,308	32,344	32,372	17	32,389
1987	32,217	31,153	31,971	40	32,011
1988	37,168	36,416	37,022	23	37,045
1989	36,023	35,191	35,866	28	35,894
1990	35,942	34,702	35,898	128	36,026

Year	Passenger service				
	Revenue passenger kilometer	Available seat kilometer	Revenue passenger carried	Total revenue ton kilometer	Total revenue cargo carried (kg)
1980	4,932,694	7,416,064	1,014	613,343	21,615
1981	5,518,684	8,925,068	1,098	729,353	27,723
1982	6,110,253	8,804,586	1,216	768,936	26,089
1983	6,927,888	10,426,095	1,338	904,890	35,193
1984	6,915,864	9,686,954	1,317	924,392	36,806
1985	7,062,227	9,687,963	1,343	926,223	32,780
1986	7,280,655	10,023,535	1,377	958,273	34,177
1987	7,485,365	9,986,571	1,475	802,828	38,372
1988	8,844,640	11,724,125	1,761	1,186,701	42,960
1989	8,671,868	11,576,340	1,791	1,200,912	54,295
1990	8,652,052	11,888,021	1,677	1,177,080	49,529

Source: Philippine Air Lines.

Table 13.11 – AIR FLIGHTS AND AIR PASSENGERS CARRIED BY INTERNATIONAL CARRIERS, MANILA: 1975 to 1990

Year	Number of Flights	Number of Passengers		
		Total	Arrival	Departure
1975	10,460	1,205,826	579,601	626,225
1976	14,388	1,286,706	605,744	680,962
1977	16,534	1,604,914	771,043	833,871
1978	20,243	1,943,674	972,497	971,177
1979	20,736	1,996,813	1,018,741	978,072
1980	20,537	2,616,587	1,237,741	1,378,846
1981	20,503	2,650,546	1,339,053	1,311,493
1982	19,625	3,027,555	1,480,041	1,547,514
1983	19,936	3,088,337	1,487,676	1,600,661
1984	19,221	3,106,660	1,505,165	1,601,495
1985	19,328	3,172,764	1,521,767	1,650,997
1986	19,656	3,213,675	1,538,394	1,675,281
1987	20,626	3,542,826	1,678,943	1,863,883
1988	22,267	3,952,753	1,909,868	2,042,885
1989	23,668	4,368,433	2,118,427	2,250,006
1990	25,243	4,367,357	2,103,820	2,263,537

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

Source: Manila International Airport Authority.

Table 13.12 – NUMBER OF REGISTERED AIRPORTS: FY 1959–60 to CY 1990

Year	Total	National	Private
FY 1959–60	101	64	37
1964–65	117	74	43
1969–70	123	75	48
1970–71	123	75	48
1971–72	135	76	59
1972–73	139	77	62
1973–74	146	78	68
1974–75	149	78	71
CY 1976	131	79	52
1977	135	79	56
1978	181	82	99
1979	202	85	117
1980	206	86	120
1981	205	85	120
1982	226	85	141
1983	227	86	141
1984	227	86	141
1985	228	87	141
1986	230	87	143
1987	227	84	143
1988	170	76	94
1989	180	86	94
1990	173	86	87

Source: Air Transportation Office.

Table 13.13 – PUBLIC ROADS, NATIONAL AND LOCAL BY SURFACE TYPE: 1980 to 1990, (In kilometers)

Year	All types	Earth	Gravel	Asphalt	Concrete	Miscellaneous
Total						
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	161,866.60	9,902.68	130,643.50	11,989.71	9,330.71	0.00
1986	158,498.90	9,684.19	127,515.37	11,933.78	9,365.56	0.00
1987	157,809.78	9,311.83	126,398.97	12,534.67	9,564.30	0.00
1988	157,447.54	9,068.15	126,050.84	12,524.26	9,804.29	0.00
1989	159,059.49	8,631.57	127,679.50	12,602.17	10,146.25	0.00
1990	160,560.12	8,496.61	128,952.72	12,753.16	10,357.63	0.00
National						
1980	23,641.10	856.47	12,668.54	4,906.35	5,209.74	0.00
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	26,190.52	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	26,110.08	304.19	13,296.26	5,952.75	6,556.88	0.00
1990	26,272.03	208.82	13,321.18	6,011.16	6,730.87	0.00
Local						
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	132,269.23	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	131,377.48	8,338.09	112,800.59	6,649.42	3,589.38	0.00
1989	132,949.41	8,327.38	114,383.23	6,649.42	3,589.38	0.00
1990	134,288.09	8,287.79	115,631.53	6,742.01	3,626.76	0.00

Note: The decrease of the length of road network from CY 1985 to 1988 was caused by the accumulated decrease in the correction and/or revision of the length of certain national and barangay road section nationwide; however, disaggregation of totals for 1985 and 1986 are not available.

Source: Department of Public Works and Highways.

Table 13.14 – NUMBER AND LENGTH OF EXISTING BRIDGES IN THE PHILIPPINES: 1980 to 1990
(Length in linear meters)

Year	Number of Bridges			Length of Bridges		
	Total	National	Local	Total	National	Local
1980	17,394	8,417	8,977	395,328.00	221,011.00	174,317.00
1981	17,866	8,599	9,267	404,178.06	224,493.00	179,685.06
1982	18,316	8,771	9,545	385,809.39	200,733.78	185,075.61
1983	18,777	8,946	9,831	395,383.81	204,755.94	190,627.87
1984	19,251	9,125	10,126	403,856.83	207,510.13	196,346.70
1985	19,738	9,308	10,430	427,977.83	225,640.73	202,337.10
1986	11,740	7,379	4,361	308,890.91	230,226.35	78,664.56
1987	11,572	7,211	4,361	304,305.31	225,640.75	78,664.56
1988	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56
1989	11,289	6,928	4,361	314,184.23	235,519.67	78,664.56
1990	11,562	7,201	4,361	314,184.23	235,519.67	78,664.56

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 1990

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	–	85	234
1989	411	19	55	–	94	243
1990	399	29	57	–	92	221
Metro Manila Area (NCR)	5	3	1	–	–	1
Region 1	4	1	1	–	–	2
Region 2	3	–	2	–	–	1
Region 3	19	–	2	–	3	14
Region 4	47	2	8	–	12	25
Region 5	16	1	6	–	3	6
Region 6	53	1	5	–	9	38
Region 7	76	2	8	–	16	50
Region 8	26	1	7	–	9	9
Region 9	30	2	7	–	8	13
Region 10	58	3	4	–	19	32
Region 11	40	11	2	–	10	17
Region 12	22	2	4	–	3	13

* Starting 1988 municipal port includes other national 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 1990

1983	1984	1985	1986	1987	1988	1989	1990
44,593	50,014	52,695	22,511	28,117	31,587	40,435	53,725
7,785	8,341	8,604	1,698	1,917	2,015	2,312	2,543
36,808	41,673	44,091	20,813	26,200	29,572	38,123	51,182
752	795	378	417	411	389	359	560
589	622	294	231	218	273	249	434
142	152	80	76	83	111	105	117
21	21	4	110	110	5	5	9
56	56	68	41	51	42	42	43
14,243	15,810	16,277	5,413	6,122	6,463	6,895	7,505
8,571	9,692	10,129	1,600	992	973	1,202	1,315
5,672	6,118	6,148	3,813	5,130	5,490	5,693	6,190
315	380	403	137	763	642	677	680
790	895	962	449	18	472	38	497
2,402	2,693	2,824	2,064	2,533	2,652	2,734	3,083
9,198	10,668	12,086	5,870	5,290	6,920	7,373	8,049
3,388	3,633	3,633	903	912	492	482	566
1,734	2,559	2,976	3,150	7,900	7,853	12,826	15,733
143	337	357	64	85	85	105	113
205	205	210	32	68	69	130	168
3,546	3,606	3,881	2,259	1,884	2,269	2,654	2,774
36	36	36	0	0	0	0	0
...	...	...	...	...	43	143	170
...	...	...	7	92	45	62	70
...	...	...	...	...	1,043	1,401	3,066
...	...	...	...	...	5	11	12
...	...	...	7	71	88	90	0
...	...	...	...	...	...	3	0
...	...	...	...	...	...	543	2,051
...	...	...	...	...	...	0	0
...	...	...	...	...	...	359	1,675
...	...	...	...	...	...	1,196	4,367

Table 13.17 – TELECOMMUNICATION FACILITIES AND BROADCASTING STATIONS IN THE PHILIPPINES BY REGION: 1990

Region	Telephone Lines	Telephone Exchange	Telegraph Stations	Telex	Facsimile	Radio Telephone	Radio Stations
Philippines	688,311	340	1,539	65	7	78	53,725
NCR	462,776	44	0	0	0	0	23,422
CAR	7,000	5	56	1	0	3	0
Region 1	18,704	55	116	4	1	6	2,358
Region 2	5,840	25	92	3	0	0	1,109
Region 3	35,889	56	111	9	0	5	2,797
Region 4	38,329	55	222	6	0	32	2,172
Region 5	7,490	17	125	6	0	15	1,707
Region 6	22,543	16	137	7	2	1	3,720
Region 7	23,905	11	128	5	1	0	5,689
Region 8	8,000	11	147	4	0	6	679
Region 9	5,937	7	90	3	1	0	1,437
Region 10	8,367	14	112	8	1	8	3,554
Region 11	19,581	17	98	3	1	0	3,935
Region 12	3,950	7	105	6	0	2	1,146

Note: data for telegraph, telex, fax and Radio telephones are for area served.

Source: National Telecommunications Commission.

Table 13.17A – TELEPHONE DISTRIBUTION BY REGION: 1989 to 1990

Year/Region	Capacity	Total Connections	Population (000)	Tel. Density Per 100 population
1989	657,818	987,890	60,097	1.644
NCR	462,918	786,849	7,768	10.129
CAR	11,000	6,674	1,126	0.593
Region 1	16,924	9,927	3,452	0.288
Region 2	4,278	1,714	2,413	0.071
Region 3	35,564	30,533	6,002	0.509
Region 4	33,925	32,744	7,897	0.415
Region 5	7,500	6,863	4,293	0.160
Region 6	22,162	32,788	5,556	0.590
Region 7	23,319	39,185	4,531	0.865
Region 8	4,700	2,920	3,301	0.088
Region 9	5,737	9,808	3,128	0.314
Region 10	6,946	5,548	3,526	0.157
Region 11	20,895	20,652	4,232	0.488
Region 12	1,950	1,685	2,872	0.059
1990	688,311	888,964	60,685	1.465
NCR	462,776	658,570	7,929	8.306
CAR	7,000	7,191	1,146	0.628
Region 1	18,704	15,518	3,551	0.437
Region 2	5,840	6,033	2,341	0.258
Region 3	35,889	31,746	6,199	0.512
Region 4	38,329	45,815	8,266	0.554
Region 5	7,490	6,963	3,910	0.178
Region 6	22,543	33,452	5,393	0.620
Region 7	23,905	42,634	4,593	0.928
Region 8	8,000	2,386	3,055	0.078
Region 9	5,937	8,088	3,159	0.256
Region 10	8,367	7,182	3,510	0.205
Region 11	19,581	19,442	4,457	0.436
Region 12	3,950	3,944	3,171	0.124

Note: Total population for 1990 includes homeless population and Filipinos in Philippine embassies/consulates and missions abroad.

Source of Basic Data: National Telecommunications Commission.

Table 13.18 – NUMBER OF LICENSED RADIO STATIONS BY OWNERSHIP: FY 1949–50 to CY 1990

Year	Total	Government 1/	Private
FY 1949–50	1,337	595	742
1954–55	1,903	732	1,171
1959–60	3,746	1,517	2,229
1964–65	5,898	1,550	4,348
1969–70	10,596	2,446	8,150
1970–71	11,198	2,447	8,751
1971–72	12,991	3,222	9,769
1972–73	...	...	...
1974	11,868	1,683	10,185
1975	12,752	1,522	11,230
1976	13,278	1,504	11,774
1977	16,697	1,564	15,133
1978	16,605	1,590	15,015
1979	15,344	5,038	10,306
1980	20,022	5,340	14,682
1981	23,670	5,601	18,069
1982	33,121	6,397	26,724
1983	44,593	7,785	36,808
1984	50,014	8,341	41,673
1985	52,695	8,604	44,091
1986	22,511	1,698	20,813
1987	28,117	1,917	26,200
1988	31,587	2,015	29,572
1989	40,435	2,312	38,123
1990	53,725	2,543	51,182

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 1990

Year	Posted Mails	Received from Foreign Countries	Total	Percent Increase (Decrease)
1979	292,211,521	108,843,586	401,055,107	
1980	319,854,652	120,149,103	440,003,755	9.71
1981	350,026,174	131,310,956	481,337,130	9.39
1982	348,748,524	128,387,684	477,136,218	(0.87)
1983	355,537,020	173,965,609	529,502,629	10.98
1984	400,953,068	167,705,010	568,658,078	7.39
1985	431,566,581	193,002,210	624,568,791	9.83
1986	555,913,199	194,992,094	750,905,293	20.23
1987	588,902,493	167,483,566	756,386,059	0.73
1988	636,604,462	162,610,399	799,214,861	5.66
1989	645,199,311	161,101,059	806,300,370	0.89
1990	637,389,435	166,659,037	804,048,472	(0.28)

Source: Postal Service Office.

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

Desti

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
1987						
All Commodities	70,742	249,199	26,955	82,770	78	568
Metropolitan Manila Area (NCR)	14,958	74,626	7	111	27	256
Region 1	–	–	–	–	–	–
Region 3	1,216	2,847	51	227	28	167
Region 4	24,137	52,723	15,639	32,513	14	74
Region 5	30,431	119,002	11,257	49,919	9	72
1988						
All Commodities	74,431	361,839	20,237	86,893	5,709	16,372
Metropolitan Manila Area (NCR)	19,085	151,226	6	81	26	100
Region 1	–	–	–	–	–	–
Region 3	6,343	17,372	10	33	5,678	16,229
Region 4	24,322	56,643	13,486	29,112	2	13
Region 5	24,679	136,598	6,734	57,667	3	30
1989						
All Commodities	66,928	318,902	16,825	62,647	1,351	4,393
Metropolitan Manila Area (NCR)	15,205	131,561	4	58	14	250
Region 1	–	–	–	–	–	–
Region 3	6,987	19,373	19	190	1,337	4,143
Region 4	17,521	40,934	10,057	12,691	–	–
Region 5	27,214	127,032	6,744	49,707	–	–
1990						
All Commodities	48,640	261,695	14,104	72,249	–	–
Metropolitan Manila Area (NCR)	7,234	100,030	2	78	–	–
Region 1	–	–	–	–	–	–
Region 3	–	–	–	–	–	–
Region 4	14,071	39,453	7,461	16,864	–	–
Region 5	27,334	122,212	6,641	55,307	–	–

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

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
RAIL, 1987 to 1990
Value in thousand pesos)

nation

Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value
1,635	5,563	19,163	64,139	22,911	96,159
251	1,865	921	6,546	13,751	65,849
–	–	–	–	–	–
1,115	2,243	6	42	16	168
225	1,163	3,989	7,511	4,270	11,462
44	292	14,247	50,039	4,873	18,680
163	657	17,979	63,932	30,343	193,984
60	125	543	4,430	18,450	146,490
–	–	–	–	–	–
11	70	2	9	643	1,031
59	353	4,695	11,455	6,080	15,710
33	109	12,739	48,038	5,170	30,753
251	271	19,451	56,419	29,051	195,172
*	13	451	4,307	14,736	126,933
–	–	–	–	–	–
–	–	22	162	5,609	14,878
1	6	4,964	11,388	2,499	16,849
250	251	14,014	40,562	6,206	36,512
1	8	21,553	59,532	12,982	129,906
*	6	336	2,503	6,896	97,443
–	–	–	–	–	–
–	–	–	–	–	–
1	2	4,570	8,740	2,039	13,847
–	–	16,646	48,289	4,047	18,616

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

Desti

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	
	Quantity	Value	Quantity	Value	Quantity	Value
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
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

Notes : Details may not add up to totals due to rounding.
* less than half the unit employed

Source: National Statistics Office.

FLOW IN THE PHILIPPINES
AIR, 1987 to 1990
Value in thousand pesos)

nation

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

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

Year/Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
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
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

FLOW IN THE PHILIPPINES
AIR, 1987 to 1990 (continued)
Value in thousand pesos)

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

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

Year/Origin	Total		Metropolitan Manila Area (NCR)		Region 1	Desti
	Quantity	Value	Quantity	Value	Quantity	Value
1989						
All Commodities	45,659	5,413,916	23,469	2,751,890	38	4,823
Metropolitan Manila Area (NCR)	17,210	1,710,258	*	*	28	3,509
Region 1	143	11,746	12	6,598	*	*
Region 2	92	85,072	42	77,988	2	77
Region 3	–	–	–	–	–	–
Region 4	1,546	124,392	1,524	122,061	1	288
Region 5	494	55,053	423	43,356	1	56
Region 6	4,438	193,104	3,997	165,204	1	58
Region 7	9,463	804,647	6,419	247,005	3	333
Region 8	461	34,703	400	30,298	*	4
Region 9	1,961	150,831	1,593	96,274	*	99
Region 10	1,910	286,334	1,781	197,652	1	144
Region 11	7,003	1,915,538	6,418	1,733,092	1	198
Region 12	938	42,238	860	32,362	*	57
1990						
All Commodities	46,168	4,641,836	24,196	2,611,524	53	3,704
Metropolitan Manila Area (NCR)	18,338	1,499,733	–	–	43	2,785
Region 1	104	91,409	13	88,869	*	*
Region 2	111	31,643	97	26,792	*	29
Region 3	–	–	–	–	–	–
Region 4	1,636	88,738	1,623	85,996	1	170
Region 5	624	67,401	537	54,244	3	93
Region 6	3,404	178,309	3,048	152,188	1	147
Region 7	5,360	487,458	4,014	324,847	4	187
Region 8	414	54,633	328	47,163	*	30
Region 9	2,180	162,141	1,840	85,125	*	63
Region 10	1,636	301,259	1,537	291,768	*	33
Region 11	11,245	1,639,137	10,109	1,421,162	1	109
Region 12	1,116	39,975	1,050	33,370	*	58

FLOW IN THE PHILIPPINES
AIR, 1987 to 1990 (continued)
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
97	13,080	–	–	879	178,109	466	66,731
30	4,516	–	–	844	170,298	388	51,323
19	1,702	–	–	1	57	1	53
47	6,799	–	–	*	9	*	10
–	–	–	–	–	–	–	–
*	6	–	–	1	140	2	269
*	5	–	–	5	186	20	8,558
*	4	–	–	5	515	3	1,191
*	13	–	–	12	5,579	43	4,250
*	5	–	–	*	13	*	25
*	6	–	–	9	483	4	140
*	8	–	–	1	55	*	61
*	8	–	–	1	756	5	843
*	8	–	–	*	18	*	8
296	33,552	–	–	853	158,323	544	75,226
273	29,974	–	–	811	152,726	484	58,581
11	489	–	–	2	161	1	57
11	2,964	–	–	2	14	*	13
–	–	–	–	–	–	–	–
*	25	–	–	*	150	1	160
*	3	–	–	5	288	29	8,626
*	14	–	–	20	2,446	*	461
*	4	–	–	6	2,072	20	6,340
*	5	–	–	*	1	*	147
*	5	–	–	4	259	4	442
1	30	–	–	*	8	1	77
*	32	–	–	2	153	3	300
*	7	–	–	1	45	1	22

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

Year/Origin	Region 6		Region 7		Region 8	
	Quantity	Value	Quantity	Value	Quantity	Value
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
1990						
All Commodities	3,990	345,690	6,221	391,226	1,089	49,223
Metropolitan Manila Area (NCR)	3,489	309,317	4,756	315,743	906	35,637
Region 1	61	1,141	2	207	*	10
Region 2	*	53	1	1,617	*	4
Region 3	–	–	–	–	–	–
Region 4	4	992	5	695	*	69
Region 5	6	393	32	2,506	1	46
Region 6	1	110	278	17,500	9	516
Region 7	294	26,048	51	4,638	162	12,047
Region 8	4	415	79	6,425	*	*
Region 9	8	1,048	173	12,699	5	347
Region 10	6	993	36	4,545	4	367
Region 11	116	4,720	786	20,637	2	148
Region 12	1	460	22	4,014	*	32

FLOW IN THE PHILIPPINES
AIR, 1987 to 1990 (continued)
Value in thousand pesos)

nation							
Region 9		Region 10		Region 11		Region 12	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
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
2,968	460,288	1,646	166,116	3,733	292,338	580	54,623
2,472	154,946	1,509	149,533	3,095	242,085	499	48,406
1	32	1	111	14	304	*	27
*	2	*	128	*	25	*	3
–	–	–	–	–	–	–	–
*	75	1	220	1	177	*	9
6	788	1	122	3	227	1	63
6	803	11	890	28	2,971	2	265
224	58,939	41	8,268	506	40,826	38	3,242
1	187	1	113	1	137	*	10
98	58,016	4	496	39	2,593	5	1,047
4	402	1	82	45	2,889	*	64
150	185,400	75	5,984	*	61	1	431
6	698	1	169	1	43	34	1,056

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

Year/ Origin	Total Quantity	Total Value	Metropolitan Manila Area (NCR) Quantity	Metropolitan Manila Area (NCR) Value	Desti Region 1 Quantity	Desti Region 1 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	-	-
1988						
All Commodities	17,177,637	127,584,810	1,956,268	26,163,699	103,174	1,175,697
Metropolitan Manila Area (NCR)	4,430,503	34,150,987	1,115	5,955	-	-
Region 1	438,861	2,337,350	1,549	21,240	-	-
Region 2	18,134	156,682	638	10,246	-	-
Region 3	47,646	290,995	2,053	17,795	-	-
Region 4	1,057,666	9,098,643	128,202	1,290,512	-	-
Region 5	492,485	3,254,822	34,295	340,440	-	-
Region 6	1,923,284	15,815,861	414,077	6,253,710	-	-
Region 7	3,061,688	22,010,993	502,556	6,323,689	30	118
Region 8	1,232,554	10,932,914	125,921	1,800,054	100,131	1,170,676
Region 9	783,119	5,630,229	92,702	1,156,885	12	124
Region 10	1,844,928	9,416,408	238,161	3,295,108	-	-
Region 11	1,148,672	9,762,790	339,007	4,527,754	3,001	4,778
Region 12	698,097	4,726,133	75,991	1,120,311	-	-

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

FLOW IN THE PHILIPPINES
WATER, 1987 tc 1988
Value in thousand pesos)

nation

Region 2		Region 3		Region 4		Region 5	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
31,613	225,340	29,272	178,524	936,981	4,964,090	471,090	2,572,107
820	12,208	1,139	9,254	55,382	516,976	23,858	214,848
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
22,680	152,213	2,368	13,932	255,720	1,485,877	38,845	232,329
6,839	48,644	17,508	119,156	462,853	2,167,686	140,628	1,022,643
-	-	-	-	15,140	42,805	33,813	204,831
595	8,660	2,331	6,772	19,877	89,643	21,317	158,213
673	3,574	2,948	13,700	34,519	266,131	71,605	474,328
-	-	2,977	15,710	5,070	14,305	12,015	52,148
5	41	-	-	1,574	23,283	-	-
-	-	-	-	12,796	59,179	2,492	18,397
-	-	-	-	33,238	81,942	44,324	51,791
-	-	-	-	40,813	216,262	82,192	142,579
2,467	7,506	1,877,272	11,821,948	2,628,670	18,871,359	239,183	3,723,072
2,467	7,506	973,464	6,214,484	259,320	1,506,749	23,280	156,015
-	-	66,981	553,040	291,295	1,409,708	-	-
-	-	5,666	49,184	11,302	90,073	-	-
-	-	4,473	19,800	30,478	220,430	-	-
-	-	103,766	577,844	633,302	6,051,006	1,572	5,314
-	-	15,506	99,568	129,479	874,216	26,373	191,246
-	-	167,564	1,129,948	279,398	2,047,516	11,130	18,196
-	-	158,190	959,619	437,066	2,821,568	25,428	114,923
-	-	62,824	440,643	81,760	474,899	119,125	3,080,265
-	-	53,278	332,852	47,753	365,084	1	4
-	-	84,358	403,763	126,505	862,585	13,840	52,587
-	-	108,227	625,664	245,745	1,799,029	6,988	40,584
-	-	72,975	415,539	55,267	348,495	11,448	63,938

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

Year/ Origin	Region 6 Quantity	Region 6 Value	Region 7 Quantity	Region 7 Value	Region 8 Quantity	Region 8 Value
						Desti
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	342,929	201,075	830,329	63,308	82,198
1988						
All Commodities	1,607,256	12,663,836	3,206,208	17,120,854	965,203	5,002,156
Metropolitan Manila Area (NCR)	683,857	6,101,435	343,199	2,470,565	346,478	1,418,068
Region 1	-	-	27,100	116,800	44,978	227,551
Region 2	442	6,443	86	736	-	-
Region 3	2,792	7,320	-	-	7,850	25,650
Region 4	16,985	98,269	41,533	287,459	16,220	52,817
Region 5	25,252	200,831	92,121	676,885	9,481	69,704
Region 6	328,948	1,921,934	349,300	2,695,644	70,018	342,142
Region 7	337,104	2,725,933	303,569	2,453,693	164,004	864,590
Region 8	44,739	299,543	500,476	2,011,918	34,768	507,355
Region 9	90,082	702,918	122,958	913,992	13,811	64,642
Region 10	27,457	213,468	1,128,138	3,373,497	68,497	473,130
Region 11	22,234	216,874	187,287	1,438,169	52,185	215,785
Region 12	27,365	168,868	110,441	681,495	136,914	740,721

FLOW IN THE PHILIPPINES
WATER, 1987 to 1988 (continued)
Value in thousand pesos)

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
	533,950	3,775,041	1,264,370	7,467,034	1,172,827	8,186,708	1,620,782	11,605,899
	86,387	1,028,569	376,493	2,698,031	578,781	6,337,405	755,662	6,206,205
	-	-	-	-	6,838	8,411	120	600
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	2,036	11,872	26,071	124,638	4,098	11,201	83,881	587,711
	3,089	11,665	20,103	56,481	54,459	78,975	82,327	654,811
	7,327	86,792	84,376	277,726	42,321	58,405	168,825	983,848
	111,564	640,070	524,996	2,647,480	232,322	879,239	264,856	1,580,071
	4,477	19,919	56,184	635,018	55,760	155,472	46,389	337,152
	235,016	1,424,816	13,976	88,659	51,811	240,894	61,719	339,359
	24,241	88,928	77,527	390,865	19,542	33,179	36,662	229,298
	22,564	255,185	21,803	99,387	77,156	252,089	62,475	287,492
	37,249	207,225	62,841	448,751	49,740	131,438	57,866	399,352

14 ENERGY AND WATER RESOURCES

The field of energy is a major economic concern of the government playing an important role in the development process in terms of stimulating the economy and supporting the rising standard of living. The energy development program of the goverment is focused on the search for alternative sources of energy in order to reduce dependence on imported fossil fuel. These alternative sources of energy include hydroelectric, geothermal, natural gas, coal, and nuclear energy as well as solar, ocean and wind power which are non-conventional sources of energy. To provide support to the country's energy program, there is a need for data on energy. Presented in this chapter are crude oil importations by country of origin, petroleum products consumption and sale to industrial consumers, electric energy consumption by sector and power generation by utility.

Similarly, the water resource sector is an important area of concern because water, while naturally abundant in the country, has now become a scarce commodity in some areas. The country's annual rainfall is about 2,000 millimeters while its dependable supply from rivers is about 700 million cubic meters per day. The data on water included in this chapter cover duly organized water districts with filed and issued conditional certiricates of conformance per region and irrigated and benefited areas, irrigated areas classified by type of system, by region and province.

Statistics on energy and water resources are produced by the Office of Energy Affairs (OEA), National Irrigation Administration (NIA) and Local Water Utilities Administration (LWUA).

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Table 14.1 – ENERGY CONSUMPTION BY SOURCE: 1981 TO 1990
(In Million Barrels of Fuel–Oil Equivalent, MBFOE)

Energy Source	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
TOTAL	93.47	95.46	98.47	93.78	92.07	93.29	100.05	109.98	117.26	120.59
INDIGENOUS ENERGY	26.31	30.21	34.02	39.11	40.58	41.35	38.16	40.28	41.76	42.10
I. Conventional	13.41	16.96	19.43	24.10	24.39	25.13	22.83	25.84	26.23	26.01
Oil	1.37	2.95	4.65	3.54	2.41	2.85	1.75	1.91	1.72	1.54
Coal	0.91	1.11	2.63	3.65	3.84	4.02	4.27	4.78	4.17	4.60
Hydro	6.38	6.65	5.12	9.10	9.61	10.37	9.00	10.80	11.18	10.45
Geothermal	4.75	6.25	7.03	7.81	8.53	7.89	7.81	8.35	9.16	9.42
II. Non-Conventional	12.90	13.25	14.60	15.01	16.19	16.22	15.33	14.44	15.53	16.09
Bagasse	6.22	7.35	5.48	6.57	4.36	4.09	3.54	4.59	6.14	5.42
Agriwaste	6.34	5.82	9.06	8.25	11.63	11.65	11.23	9.33	9.12	10.37
Others	0.34	0.08	0.06	0.19	0.20	0.48	0.56	0.52	0.27	0.30
IMPORTED ENERGY	67.16	65.25	66.45	54.67	51.49	51.93	61.89	67.84	75.48	78.48
Oil	67.16	65.25	63.54	52.64	47.28	49.76	59.18	64.25	72.48	76.19
Coal	-	-	0.91	2.03	4.21	2.17	2.71	3.59	3.00	2.29

Source: Office of Energy Affairs.

Figure 14.1
ENERGY CONSUMPTION BY SOURCE, 1981-1990

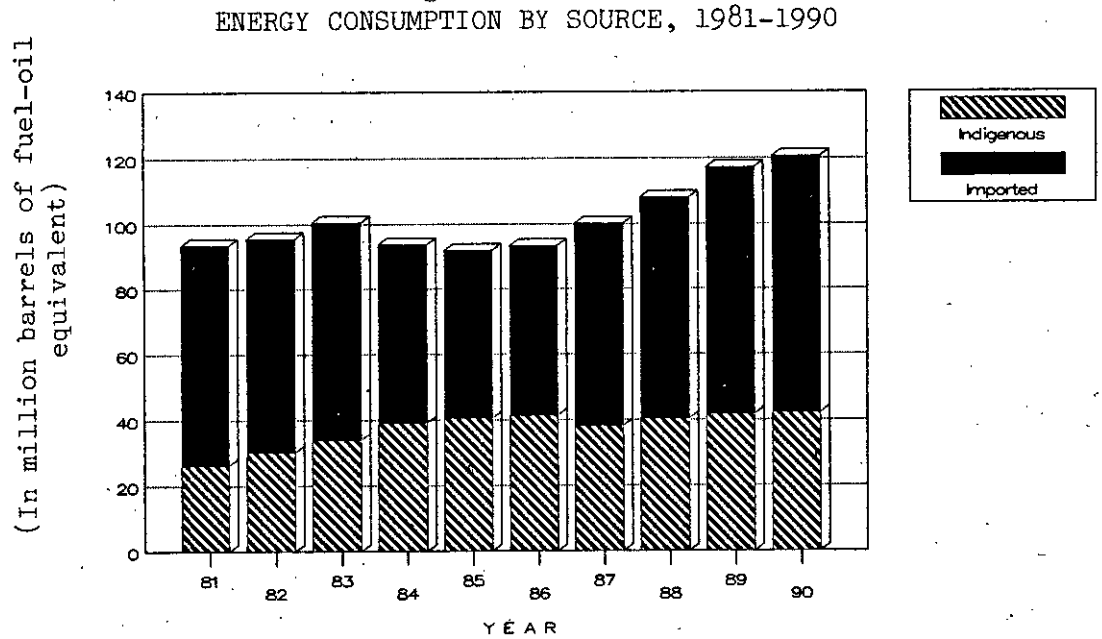

Table 14.2 – CRUDE OIL SOURCES
(Volume in thousand barrels;

Country	1977		1978		1979	
	Volume	Value	Volume	Value	Volume	Value
Total	70,850	837,323	72,930	854,984	67,048	1,279,506
Middle East	51,293	653,110	51,951	676,777	46,956	888,891
Saudi Arabia	25,784	323,223	20,515	266,279	23,159	418,422
Kuwait	11,982	155,271	12,331	158,842	10,004	188,163
Iran	4,239	53,133	6,056	77,494	1,921	39,822
Iraq	9,288	121,483	12,739	170,013	11,872	242,484
Abu Dhabi	–	–	–	–	–	–
Qatar	–	–	–	–	–	–
Dubai	–	–	310	4,149	–	–
Oman	–	–	–	–	–	–
Neutral Zone	–	–	–	–	–	–
United Arab Emirates	–	–	–	–	–	–
Other regions	19,557	184,213	20,979	178,207	20,092	390,615
Indonesia	10,439	140,664	11,478	155,222	8,015	155,666
Malaysia	3,033	43,549	1,472	21,547	3,082	69,637
Brunei	–	–	99	1,438	1,910	40,356
China (PROC)	6,085	...	7,930	...	7,085	124,956
Mexico	–	–	–	–	–	–
Australia	–	–	–	–	–	–

BY COUNTRY OF ORIGIN: 1977 TO 1990
CIF value in thousand US dollars)

1980		1981		1982		1983	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
68,014	2,107,704	60,761	2,123,511	57,003	1,926,112	59,827	1,763,035
49,952	1,516,219	41,664	1,422,778	42,716	1,454,301	42,821	1,269,372
27,831	819,159	31,313	1,043,979	28,226	954,104	25,521	751,525
9,385	285,143	7,122	259,338	6,631	221,261	5,676	160,658
–	–	–	–	–	–	1,206	34,904
7,843	245,675	–	–	–	–	–	–
602	20,994	–	–	–	–	1,815	55,141
1,344	46,310	–	–	2,191	77,852	–	–
2,021	67,696	3,229	119,461	5,668	201,084	7,123	224,417
926	31,242	–	–	–	–	1,000	29,745
–	–	–	–	–	–	480	12,982
–	–	–	–	–	–	–	–
18,062	591,485	19,097	700,733	14,287	471,811	17,006	493,663
6,081	191,937	5,202	184,664	2,778	98,781	5,881	175,777
3,561	132,784	3,514	140,334	2,160	78,161	2,596	81,312
1,455	51,754	3,215	122,667	2,207	78,630	1,841	56,826
6,965	215,010	4,527	159,277	4,542	134,245	4,074	108,536
–	–	2,639	93,791	2,600	81,994	2,614	71,212
–	–	–	–	–	–	–	–

Table 14.2 – CRUDE OIL SOURCES
(Volume in thousand barrels;

Country	1984		1985		1986	
	Volume	Value	Volume	Value	Volume	Value
Total	49,453	1,418,424	48,843	1,337,450	50,412	695,691
Middle East	28,010	796,931	23,871	658,594	33,486	439,148
Saudi Arabia	12,838	367,999	8,855	244,927	12,041	164,726
Kuwait	11,269	317,557	8,068	223,481	7,642	101,066
Iran	–	–	889	24,534	6,888	81,615
Iraq	–	–	–	–	500	8,485
Abu Dhabi	–	–	2,850	78,016	–	–
Qatar	1,825	51,938	–	–	1,855	24,183
Dubai	680	19,886	2,157	58,754	2,949	34,728
Oman	602	17,434	–	–	–	–
Neutral Zone	796	22,117	1,052	28,882	–	–
United Arab Emirates	–	–	–	–	1,611	24,345
Other regions	21,443	621,493	24,972	678,856	16,926	256,543
Indonesia	5,258	156,658	4,417	125,192	3,274	45,427
Malaysia	1,823	55,558	545	14,927	9,838	161,169
Brunei	6,337	165,744	8,088	204,754	485	10,556
China (PROC)	8,025	243,533	10,497	295,267	3,329	39,391
Mexico	–	–	–	–	–	–
Australia	–	–	1,425	38,716	–	–
Pakistan	–	–	–	–	–	–

Source: Office of Energy Affairs

BY COUNTRY OF ORIGIN: 1977 TO 1990 (continued)
CIF value in thousand US dollars)

1987		1988		1989		1990	
Volume	Value	Volume	Value	Volume	Value	Volume	Value
61,149	1,080,326	70,783	1,008,443	70,886	1,199,096	80,098	1,724,930
41,130	722,070	51,979	721,057	55,413	920,340	65,530	1,373,670
10,300	177,042	4,579	58,481	9,696	157,737	25,659	581,653
16,009	279,188	9,966	133,669	10,024	166,298	6,748	110,179
5,183	90,278	12,901	179,871	15,137	254,165	5,331	140,391
1,307	23,827	1,314	16,780	4,224	72,036	3,843	65,844
–	–	–	–	–	–	–	–
994	18,319	2,752	39,468	2,273	39,647	4,009	79,420
2,013	36,007	9,181	131,194	9,929	156,635	17,777	350,648
3,135	57,835	5,440	81,163	–	–	1,030	16,607
911	15,426	1,784	25,013	–	–	–	–
1,277	24,149	4,062	55,419	4,130	73,823	1,133	28,928
20,019	358,256	18,804	287,385	15,473	278,756	14,568	351,259
1,411	25,704	–	–	–	–	708	24,814
7,702	144,226	9,244	147,351	7,859	148,256	7,474	176,562
3,104	58,709	2,138	34,876	2,219	42,548	4,491	112,477
6,551	106,032	4,208	54,967	3,875	58,845	1,154	18,792
–	–	–	–	–	–	–	–
1,251	23,585	3,214	50,192	1,520	29,106	430	9,538
–	–	–	–	–	–	311	9,076

Table 14.3 – PETROLEUM PRODUCTS CONSUMPTION, BY TYPE: 1981 TO 1990
(In thousand barrels)

Product	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
TOTAL	75,245	74,871	74,850	61,659	55,122	57,737	67,136	72,570	81,584	84,980
Avgas	59	59	51	39	36	35	36	39	39	36
Avturbo	2,588	3,436	2,659	2,824	2,710	2,716	3,304	3,758	4,281	3,983
Premium gasoline	5,700	5,941	6,206	5,954	5,885	6,334	7,055	7,751	8,829	9,390
Regular gasoline	3,942	3,270	2,971	2,717	2,562	2,806	3,090	3,248	3,471	3,465
Diesel	17,787	18,568	18,879	17,090	15,702	16,223	17,839	19,188	22,227	25,220
Fuel oil	34,385	32,971	33,690	24,390	20,037	21,511	26,645	28,002	30,349	30,375
Kerosene	2,860	2,803	2,569	2,269	2,074	2,273	2,545	2,815	3,456	3,204
LPG	2,437	2,524	2,533	2,225	2,231	2,464	2,843	3,503	4,183	4,598
Propylene	1	-	-	-	-	-	-	-	-	-
Asphalts	359	462	538	347	284	289	282	317	342	286
Refinery process gas	210	105	185	147	-	200	-	-	-	-
Solvents	312	297	270	155	160	-	246	288	297	267
Naptha	805	476	349	206	616	-	-	-	-	-
Lubes	927	939	1,067	796	710	747	897	887	1,058	1,070
Greases	24	25	29	21	17	-	-	-	-	-
Waxes and petrolatum	2	2	1	-	-	-	-	3	-	-
Refinery fuel and loss	2,847	2,993	2,853	2,479	2,098	2,139	2,354	2,771	3,052	3,086

Source: Office of Energy Affairs.

Table 14.4 – PETROLEUM PRODUCTS SALES TO INDUSTRIAL CONSUMERS BY SECTOR: 1981 TO 1990

(In million barrels)

Sector	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
TOTAL	43.8	46.1	47.8	36.8	33.6	34.9	38.8	44.4	48.1	50.9
Cement	3.8	3.0	2.1	0.3	0.1	0.2	0.4	0.5	1.6	1.1
Sugar	1.1	1.1	1.0	0.6	0.6	0.7	0.8	0.9	1.0	0.9
Coconut and Vegetable Oil	1.3	0.8	0.7	0.2	0.2	0.2	0.3	0.3	0.3	0.4
Mining	3.2	3.2	2.4	1.6	1.0	2.3	2.3	2.5	2.6	2.5
Power Generation	18.5	17.8	20.0	11.8	11.0	9.0	16.4	13.8	17.0	20.1
Fertilizer	a	0.2	0.4	0.2	a	a	a	a	a	0.1
Logging / Wood	1.9	1.1	1.0	0.8	0.7	0.5	0.6	0.6	0.6	0.5
Paper Processing	1.6	0.7	1.0	0.8	0.5	0.8	1.0	1.0	1.0	1.0
Lube Refinery	–	1.2	0.6	3.3	2.6	3.1	0.5	4.5	3.8	0.7
Textile Mills	a	0.8	0.8	0.5	0.5	0.5	0.8	0.9	0.9	0.8
Land Transport	1.1	2.0	2.1	1.8	1.5	1.6	1.9	1.9	2.0	2.0
Domestic Marine	2.1	1.9	1.7	1.4	1.3	–	1.4	1.5	1.8	2.0
Domestic Aviation	a	0.8	0.7	1.8	1.7	1.7	1.0	1.9	0.8	0.9
Fishing Trade	0.1	0.7	0.9	0.9	0.8	1.0	1.2	1.4	1.5	1.6
Glass Manufacturing	–	0.5	0.5	0.4	0.4	0.5	0.5	0.6	0.6	0.5
Steel/Metal/Nickel Processing	3.9	2.6	2.2	0.3	0.5	0.4	0.6	0.8	0.9	1.0
Contractors	1.1	1.2	1.3	0.6	0.4	0.3	0.4	0.5	0.7	0.6
Ceramics	a	0.2	0.1	0.1	a	0.1	0.2	0.2	0.2	0.2
Rubber and Tires	a	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2
Chemicals	0.1	0.5	0.5	0.4	0.4	0.4	0.6	0.9	0.7	0.7
Tobacco	–	0.1	0.1	0.1	0.1	a	0.1	a	0.1	0.1
Food Processing	0.2	0.6	1.1	1.2	0.9	1.0	1.2	1.4	1.6	1.7
Resellers	0.2	0.1	–	0.8	–	–	–	–	–	–
All Others	3.6	4.8	6.5	6.8	8.3	8.4	6.4	8.2	8.2	8.1
Refinery Fuel and Loss	–	–	–	–	–	2.1	–	–	–	3.1

a – Less than 100 barrels.
Note: Details may not add up to details due to rounding.

Source: Office of Energy Affairs.

Table 14.5 – ELECTRIC ENERGY CONSUMPTION BY SECTOR 1981 TO 1990
(In million kilowatt hours)

Year	Total	Residential	Commercial	Industrial	Others	Utilities Own Use	Power Losses
1981	18,583	3,424	3,157	7,597	1,098	1,157	2,150
1982	19,406	3,589	3,205	7,769	1,034	1,333	2,476
1983	21,454	3,991	3,487	8,724	939	1,509	2,804
1984	21,180	4,198	3,209	8,554	1,131	955	3,133
1985	22,766	4,482	3,231	9,008	1,356	943	3,746
1986	21,797	3,536	2,927	5,843	900	4,993	3,598
1987	22,642	4,702	3,561	7,750	1,221	1,070	4,338
1988	24,539	5,105	3,978	8,566	1,465	1,077	4,348
1989	25,573	5,161	4,428	9,763	1,299	1,125	3,797
1990	26,327	5,609	4,695	9,943	966	1,134	3,980

Sources: Office of Energy Affairs.

Table 14.6 POWER GENERATION BY UTILIY: 1981 TO 1990
(In million kilowatt hours)

Year	Total	National Power Corporation	Manila Electric Company	National Electrification Administration	Private Utilities	Self-Generating Industries
1981	18,583	15,988	-	222	368	2,005
1982	19,406	17,307	-	92	324	1,683
1983	21,454	18,693	-	-	2,761	-
1984	21,180	18,731	-	42	1,677	730
1985	22,767	18,717	-	-	4,050	-
1986	21,797	19,271	-	-	2,526	-
1987	22,642	20,958	274	85	521	804
1988	24,538	22,920	261	55	457	845
1989	25,573	24,087	359	33	110	984
1990	26,326	24,798	283	33	134	1,078

Source: Office of Energy Affairs.

Table 14.7 INSTALLED GENERATING CAPACITIES OF POWER UTILITIES BY PLANT TYPE: 1987 TO 1990
(In megawatts)

Plant Type/Utility	1987	1988	1989	1990
TOTAL PHILIPPINES	6,722	6,656	6,863	6,869
NPC	5,788	5,782	6,006	6,041
Meralco	180	180	105	75
Private Utilities	131	159	159	159
NEA Cooperatives	148	70	53	54
Self-generating Industries	475	540	540	540
HYDRO	2,139	2,139	2,147	2,153
NPC	2,124	2,124	2,132	2,137
NEA Cooperatives	11	15	15	16
Private Utilities	4	-	-	-
COAL	535	525	525	525
NPC	405	405	405	405
Private Utilities	10	-	-	-
Self-generating Industries	120	120	120	120
GEOTHERMAL	894	894	888	888
NPC	894	894	888	888
OIL/DIESEL	2,970	2,914	3,136	3,136
NPC	2,365	2,359	2,581	2,611
Meralco	180	105	105	75
NEA Cooperatives	120	38	38	38
Private Utilities	117	159	159	159
Self-generating Industries	188	253	253	253
NON-CONVENTIONAL	184	184	167	167
NEA Cooperatives	17	17	-	-
Self-generating Industries	167	167	167	167

Source: Office of Energy Afffairs.

Table 14.8 – DULY ORGANIZED WATER DISTRICTS FILED AND ISSUED CONDITIONAL CERTIFICATE OF CONFORMANCE PER REGION 1981 TO 1990

Region	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Philippines	36	51	22	1	2	17	52	61	49	64
Region 1	5	3	1	–	1	1	6	4	1	7
Region 2	–	8	1	–	–	–	7	6	8	5
Region 3	3	7	3	–	–	7	16	10	9	9
Region 4	6	2	2	–	–	1	2	9	5	9
Region 5	6	2	–	–	–	1	3	6	1	8
Region 6	2	5	6	–	–	6	9	14	7	5
Region 7	2	3	2	1	–	–	–	–	2	6
Region 8	1	6	2	–	–	–	5	2	4	2
Region 9	1	4	1	–	1	1	1	–	2	3
Region 10	1	3	3	–	–	–	1	1	5	2
Region 11	7	5	–	–	–	–	2	4	4	5
Region 12	2	3	1	–	–	–	–	5	1	3

Source: Local Water Utilities Administration.

Table 14.9 – IRRIGATED AND BENEFITED AREAS OF NATIONAL SYSTEMS: 1981 TO 1990 (Area in hectares)

Year	Service Area	Irrigated Area		Benefited Area		Average Yield (cav/ha.)	
		Wet	Dry	Wet	Dry	Wet	Dry
1981	491,729	372,038	300,416	360,928	287,871	73	77
1982	514,334	390,342	320,463	379,274	313,445	77	80
1983	549,510	359,627	295,450	343,696	275,012	75	77
1984	554,688	414,925	289,468	386,607	266,630	75	76
1985	567,678	427,492	343,361	398,978	329,952	74	88
1986	595,901	436,881	379,389	419,340	370,863	75	78
1987	597,953	433,666	373,736	406,295	355,774	76	78
1988	614,164	445,287	342,786	368,274	322,687	74	77
1989	616,819	462,201	387,710	379,900	365,379	76	80
1990	620,964	484,233	380,949	426,152	348,653	–	–

Note: Dry Season Area includes irrigated/benefited area during dry season, and for third and annual crops.
Wet Season Area includes irrigated/benefited area during wet season and for annual crops.

Source: National Irrigation Administration.

Table 14.10 – GENERATED AREA OF NATIONAL, COMMUNAL, AND PUMP/PRIVATE IRRIGATION SYSTEMS/PROJECTS: 1976 TO 1990
(Area in hectares)

Year	Total	National	Communal	Pump/Private 1/
1976	69,991	18,030	42,382	9,579
1977	69,379	20,232	39,299	9,848
1978	45,747	17,316	18,628	9,803
1979	43,170	15,763	23,566	3,841
1980	48,263	20,147	27,659	457
1981	47,248	24,918	22,330	–
1982	60,472	28,451	32,021	–
1983	49,336	34,601	14,735	–
1984	29,978	20,008	9,970	–
1985	27,943	21,651	6,292	–
1986	24,642	20,913	3,729	–
1987	19,274	14,983	4,291	–
1988	25,948	14,428	11,520	–
1989	27,530	16,225	11,305	–
1990	24,753	5,883	18,870	–

1/ – Since 1981, the Agency discontinued the development of pump sytems due to uneconomical cost of O & M.

Source: National Irrigation Administration.

Table 14.11 – IRRIGATION DEVELOPMENT BY REGION: 1990
(Area in hectares)

Region	Potential Irrigable Area 1/	Service Area			
		Total	National	Communal	Private
Philippines	3,299,917	1,501,194	636,252	714,814	152,128
Region 1	400,594	183,037	45,913	133,604	5,520
2	549,565	275,852	153,273	85,986	36,593
3	489,780	280,173	171,537	85,690	22,946
4	286,464	155,735	55,455	72,332	27,948
5	222,321	86,702	18,367	51,392	16,943
6	217,375	109,368	53,500	34,191	21,677
7	62,873	21,863	–	19,382	2,481
8	126,067	56,658	15,641	38,841	2,176
9	78,453	37,739	13,348	21,587	2,804
10	255,767	70,935	22,732	46,158	2,045
11	257,272	116,506	46,045	63,589	6,872
12	353,386	106,626	40,441	62,062	4,123

1/ This is currently being evaluated under the Irrigated Agriculture Sector Review (IASR) in coordination with the World Bank and Department of Agriculture. Initial estimates of the study indicate that the potential irrigable area could be more than 4.0M hectares of easily irrigable area and 1.6M hectares sugar lands and under tree crops, swamps, etc. that are more difficult to irrigate.

Source: National Irrigation Administration.

15 PUBLIC FINANCE

This chapter presents statistics on public finance as it concerns three principal areas of policy, namely: revenue, expenditure, and public debt. The Central Bank of the Philippines (CBP), the Department of Budget and Management (DBM), the Department of Finance (DOF) and the Commission on Audit (COA) are primarily responsible for the compilation and tabulation of statistical series on public finance.

Data published are as follows: Cash budget or revenues and expenditures of the national government on current operating, capital outlays and net lending. This also includes deficit and how this is financed from foreign and domestic sources; income of other government agencies accruing to the general fund; expenditures of the national government by functional and sectoral classification and by object class based on financial reports/accountability reports/trial balances submitted to COA and DBM; local government revenues by type, level of government and from all sources of income and expenditures for personal services, maintenance and other operating expenses and capital outlay are based on financial reports/trial balances submitted to the COA; financial status of public investment, programmed and actual expenditures, are presented by region and sector in pesos and in dollars for the counterpart fund; internal debt outstanding are classified by level of government and period of maturity, and; holders of government securities are categorized as Central Bank, commercial banks, trust funds, semi-government entities, private sector and foreign holders.

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Table 15.1 NATIONAL GOVERNMENT CASH BUDGET: 1981 TO 1991
(In million pesos)

Item	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Revenues	40,530	38,267	46,642	57,150	68,961	79,245	103,214	112,861	142,136	177,216	206,381
Tax	36,019	33,841	39,816	50,007	61,190	65,491	85,923	90,352	121,352	155,453	184,482
Non-tax	4,511	4,426	6,826	7,143	7,771	13,754	17,291	22,509	20,784	21,763	21,899
Expenditures	46,510	50,392	53,062	57,090	80,148	92,990	115,073	137,045	156,683	183,850	210,123
Current operating	28,890	31,746	34,522	43,555	55,275	70,950	94,812	118,807	127,483	151,233	162,777
Capital outlays	17,610	18,646	18,540	13,535	24,873	22,040	20,261	18,238	29,200	32,617	47,346
Net Budgetary Surplus/Deficit	(5,970)	(12,133)	(8,381)	(9,995)	(11,187)	(28,811)	(19,459)	(24,184)	(14,547)	(6,184)	(4,519)
Budgetary Transactions	(5,970)	(12,125)	(4,026)	60	1,348	(13,745)	(11,859)	(19,277)	(10,873)	6,634	(3,742)
Net lending	-	(2,218)	(2,394)	(10,055)	(12,535)	(15,066)	(7,600)	(4,907)	(3,666)	(450)	(777)
Others	-	2,210	(1,961)	-	-	-	-	-	-		
Financing	5,970	10,152	11,019	18,080	12,958	21,612	41,118	64,629	14,539	6,184	4,519
Domestic (net)	1,577	-	-	-	13,298	15,022	34,337	47,339	1,644	(6,815)	(29,398)
External (net)	4,393	-	-	-	(340)	6,590	6,781	17,290	11,395	11,499	32,417
Change in cash	-	(1,981)	2,638	8,085	(1,771)	(7,199)	21,659	40,445	1,500	1,500	1,500

Source: Budget of Expenditures and Sources of Financing, Department of Budget and Management.

Figure 15.1
NATIONAL GOVERNMENT EXPENDITURE PROGRAM
BY SECTOR OBLIGATION BASIS, 1991

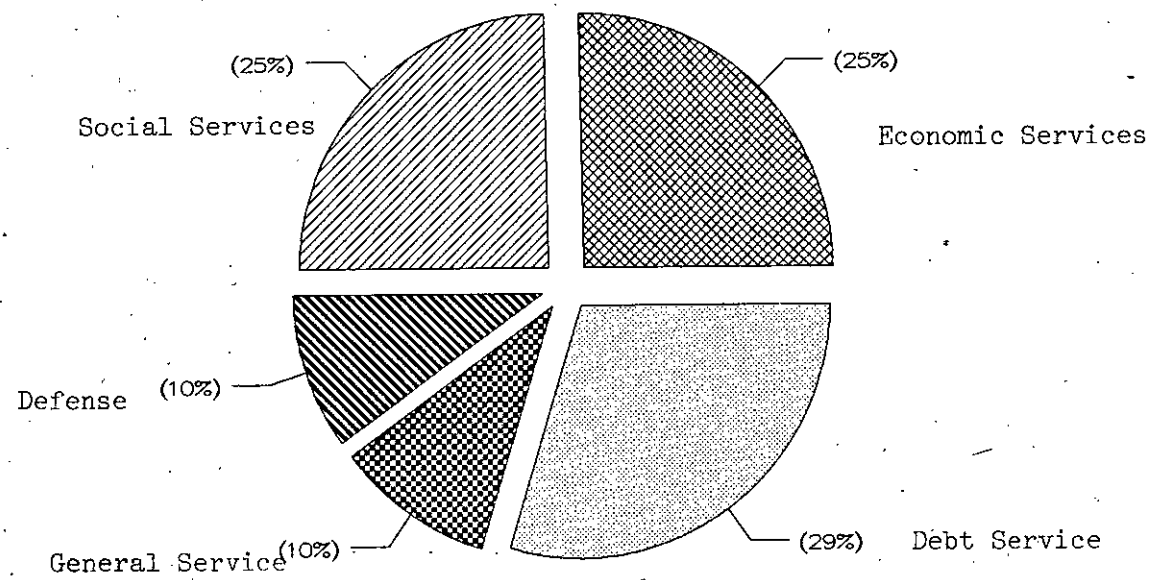

Table 15.2 – NATIONAL GOVERNMENT
(In million

ITEM	1979	1980	1981	1982	1983
Total Revenues	29,470	34,077	34,600	38,306	46,641
1. Tax revenue	25,525	28,833	30,062	33,900	39,848
a. Taxes on net income and profits	6,805	8,761	9,710	8,406	9,056
b. Taxes on property	201	196	217	262	301
Real property taxes	120	121	171	156	199
Transfers taxes	81	75	46	106	102
c. Taxes on goods and services	8,739	9,332	9,851	12,243	13,106
General sales, turnover or value added taxes	2,310	2,602	2,283	2,201	1,942
Selective taxes on goods	5,473	5,626	6,215	6,611	7,394
Selective taxes on services	31	30	9	2,107	2,201
Taxes on use of goods or permissions to perform activities and others	925	1,074	1,344	1,324	1,569
d. Taxes on international trade and transactions	9,266	9,904	9,771	12,253	16,522
Import duties & taxes	8,529	9,438	9,425	11,809	16,225
Export taxes	737	425	305	287	263
Others	0	41	41	157	34
e. Other taxes	514	640	513	736	863
Stamps taxes	349	340	188	678	781
Residence taxes	5	1	0	0	0
Others	160	299	325	58	82
2. Non-tax revenue	3,945	5,244	4,538	4,406	6,793
a. Non-tax revenue proper	3,717	5,020	4,278	4,117	6,474
b. Capital revenue	4	2	3	3	3
c. Grants	224	222	257	286	316

Source: Bureau of the Treasury.

REVENUES, BY TYPE: 1979 TO 1990
pesos)

1984	1985	1986	1987	1988	1989	1990
56,861	67,958	79,245	103,214	112,861	154,240	180,644
50,118	60,253	65,491	85,923	90,352	122,462	150,316
12,139	18,655	19,148	21,799	27,409	37,592	48,549
271	173	205	239	384	659	279
162	106	123	177	306	537	84
109	67	82	62	78	122	195
18,793	22,677	26,659	85,893	33,207	42,040	50,745
2,995	3,018	3,712	5,931	7,495	10,156	13,079
11,432	14,024	16,383	22,641	19,597	24,857	28,875
2,384	3,566	4,553	4,727	3,571	4,596	6,207
1,982	2,069	2,011	2,594	2,544	2,431	2,584
17,756	17,444	17,851	26,274	25,580	38,919	46,005
15,448	15,785	16,859	25,977	25,011	38,375	45,383
1,737	997	637	15	3	0	0
571	662	355	282	566	544	622
1,159	1,304	1,628	1,718	3,772	3,252	4,738
950	1,176	1,451	1,472	2,534	3,033	3,544
0	0	0	0	0	0	0
209	128	177	246	1,238	219	1,194
6,743	7,705	13,754	17,291	22,509	31,778	30,328
6,428	7,322	13,219	15,568	20,723	25,093	20,026
4	3	4	5	11	4,984	7,921
311	380	531	1,718	1,775	1,701	2,381

Table 15.3 – NATIONAL GOVERNMENT EXPENDITURE
(In million

PARTICULARS	1979	1980	1981	1982	1983
Total expenditures	41,740	41,424	49,481	55,854	61,798
Economic services	13,426	17,407	22,088	14,923	17,944
Agriculture, Agrarian Reform, and Natural Resources	3,243	3,275	5,762	3,714	4,880
Trade and Industry	987	883	2,490	749	1,850
Tourism	383	346	647	156	71
Power and Energy	0	0	0	6,178	4,113
Water Resource Development and Flood Control	8,813	12,903	13,189	1,764	1,481
Communication, Roads, and Other Transportation	0	0	0	2,039	6,987
Other economic services	0	0	0	323	3,376
Social services	8,621	7,510	8,325	14,941	16,072
Education, Culture and Manpower	4,097	4,051	5,373	6,303	6,878
Health	1,465	1,622	1,695	2,150	2,834
Social security and labor welfare	500	664	573	1,457	1,555
Land distribution (CARP)	0	0	0	0	0
Housing and community development	2,559	977	373	4,682	4,681
Other social services	0	196	311	349	124
Defense	4,500	3,731	4,866	5,797	6,114
Domestic security	4,500	3,731	4,866	5,797	6,114
Peace and order	0	0	0	0	0
General Public Services	4,098	6,607	7,878	5,633	5,707
General administration	2,220	2,647	2,805	2,990	2,372
Public order and safety	1,299	1,824	1,693	1,853	1,873
Other general public services	579	2,136	3,380	790	1,462
Net Lending	0	0	0	0	0
Debt Service	11,095	6,169	6,324	8,681	11,147
Interest payments	1,659	2,293	2,391	3,650	4,800
Debt amortization	9,436	3,876	3,933	5,031	6,347

1_/ Including roll-overs of 7.000 M
1978-1986 Source of basic data in Annual Financial Report COA.
1987 Present Source of basic data in Budget of expenditures and sources of financing.

Sources: Budget of Receipts and Expenditures, Department of Budget and Management and Annual Financial Report, Commission on Audit.

PROGRAM BY SECTOR, OBLIGATION BASIS: 1979 TO 1991
pesos)

1984	1985	1986	1987	1988	1989	1990	1991
92,107	92,511	115,102	155,504	167,409	173,340	211,756	254,385
14,152	31,373	31,845	25,039	26,092	39,523	49,747	64,344
3,150	3,359	3,987	7,477	8,429	12,946	16,812	21,496
719	1,256	1,705	1,001	891	1,206	1,181	1,646
69	86	88	156	256	269	251	538
2,078	2,050	2,595	1,778	211	990	2,245	2,350
1,098	4,047	3,995	1,395	1,413	1,989	3,816	4,961
5,310	7,281	8,498	9,184	12,945	16,917	17,027	19,451
1,728	13,294	10,977	4,048	1,948	5,190	8,415	13,902
16,852	21,759	26,192	27,493	31,061	38,511	56,144	62,509
7,539	10,976	13,377	17,040	22,022	27,378	35,564	39,417
2,591	3,220	3,567	4,089	5,564	6,488	8,623	10,158
1,595	1,875	2,783	1,005	1,147	1,574	3,452	3,440
0	0	220	369	0	93	2,636	2,591
4,479	5,505	6,154	443	595	624	687	1,598
648	183	91	4,547	1,733	2,354	5,181	5,305
5,990	9,236	9,137	12,549	18,298	19,766	23,321	26,010
5,990	7,123	6,293	8,437	12,356	13,051	14,601	16,963
0	2,113	2,844	4,112	5,942	6,715	8,720	9,047
15,905	6,142	6,885	12,559	15,730	17,453	22,144	25,982
4,927	3,692	3,755	6,265	7,800	10,225	12,129	14,872
3,015	1,097	1,141	1,568	1,956	2,678	3,324	3,881
7,963	1,353	1,989	4,726	5,974	4,550	6,691	7,229
0	1,732	651	7,641	4,907	1,589	(471)	777
38,428	22,269	40,562	70,223	71,321	56,498	60,871	74,763
10,383	14,901	21,442	37,434	45,864	39,290	44,131	51,977
28,045	7,368	19,120	32,789	25,457	17,208	16,740	22,786

Table 15.4 – NATIONAL GOVERNMENT EXPENDITURES

(In thousand

Type of expenditure	1979	1980	1981	1982	1983
National Government expenditures	41,738.9	41,424.0	49,481.0	55,854.0	61,798.0
1. Personal services (salaries & wages, GSIS life & retirement, contractual services, overtime pay, and other benefits	8,293.7	9,725.0	11,961.0	13,617.0	14,468.0
2. Maintenance & other operating expenses	10,155.0	8,823.0	9,000.0	10,954.0	10,235.0
a. Travelling expenses		655.0	598.0	727.0	889.0
b. Communication services		–	–	76.0	88.0
c. Repairs & maintenance of government facilities		1,106.0	1,142.0	1,502.0	1,329.0
d. Transportation services		–	–	148.0	151.0
e. Other services		3,493.0	2,628.0	3,554.0	3,284.0
f. Supplies and materials		1,852.0	2,289.0	2,685.0	2,832.0
g. Rent expense		–	–	189.0	247.0
h. Maintenance of motor vehicles used for official travel of officials & employees		581.0	600.0	604.0	751.0
i. Water, illumination & power service		–	–	305.0	310.0
j. Discretionary expenses, representation and emergency expenses		–	–	197.0	205.0
k. Others		1,136.0	1,743.0	967.0	149.0
3. Debt Service	1,994.2	6,169.0	6,266.0	8,591.0	11,251.0
a. Interest payments	1,651.7	2,293.0	2,369.0	3,560.0	4,928.0
b. Loan repayment & sinking fund contribution	342.5	3,876.0	3,897.0	5,031.0	6,323.0
Net lending					
4. Transfer payments	9,101.0	2,698.0	3,196.0	2,913.0	4,219.0
a. Grants, subsidies & contributions	–	2,698.0	3,196.0	2,685.0	3,941.0
b. Awards and indemnities	–	–	–	228.0	278.0
c. SSS benefits & other claims (retirement benefits & gratuities)	–	–	–	–	–
5. Capital Outlay	12,195.0	14,009.0	19,058.0	19,779.0	21,625.0
a. Land & land improvement; building & structure outlay	8,036.5	7,202.0	7,122.0	6,772.0	8,530.0
b. Furniture & equipment outlay	352.1	392.0	371.0	820.0	833.0
c. Investment outlay	3,321.0	6,108.0	10,890.0	8,820.0	6,377.0
d. Loans outlay	485.4	307.0	675.0	3,367.0	5,885.0

Source: Annual Financial Report of the National Government, Commission on Audit (1979–1986) and Budget on Expenditures and Sources of Financing, Department of Budget and Management (1987–1991).

BY ECONOMIC CLASSIFICATION, 1979 TO 1991
pesos)

1984	1985	1986	1987	1988	1989	1990	1991
92,107.0	92,511.0	115,101.2	155,504.0	167,409.0	173,340.0	211,756.0	254,384.0
18,304.0	22,530.0	26,733.0	31,537.4	43,595.9	52,006.0	69,418.0	74,093.0
11,318.0	12,665.0	13,425.2	19,074.0	19,105.9	23,175.0	25,009.0	30,456.0
921.0	675.0	717.0	935.9	1,166.8	1,285.0	1,597.0	2,099.0
118.0	161.0	159.0	177.3	254.6	295.0	359.0	442.0
1,645.0	1,556.0	2,322.0	2,345.5	3,505.8	2,861.0	3,074.0	3,198.0
179.0	242.0	228.0	200.3	338.3	311.0	355.0	423.0
3,242.0	4,147.0	3,974.0	8,416.8	5,364.0	8,063.0	7,672.0	8,487.0
3,044.0	3,687.0	3,745.0	4,597.1	5,462.0	6,952.0	8,053.0	11,247.0
294.0	302.0	313.0	275.4	447.5	507.0	575.0	696.0
807.0	866.0	784.0	963.7	1,070.7	1,441.0	1,597.0	1,809.0
512.0	600.0	751.0	724.4	909.3	919.0	1,338.0	1,564.0
418.0	267.0	197.0	343.0	352.0	315.0	346.0	352.0
138.0	162.0	235.2	94.6	234.9	226.0	43.0	139.0
38,360.0	22,264.0	40,562.0	70,223.6	71,321.1	56,924.0	60,871.0	74,776.0
10,383.0	14,901.0	21,442.0	37,434.2	45,864.5	39,716.0	44,131.0	51,990.0
27,977.0	7,363.0	19,120.0	32,789.4	25,456.6	17,209.0	16,740.0	22,786.0
			7,640.9	4,907.0	1,589.0	(471.0)	777.0
4,316.0	5,558.0	7,936.0	6,767.4	10,241.3	12,281.0	12,002.0	16,766.0
3,989.0	5,207.0	6,922.0	5,934.9	8,368.8	10,931.0	10,726.0	14,514.0
–	–	17.8	19.2	15.2	13.0	8.0	21.0
327.0	351.0	997.0	813.3	1,857.3	1,337.0	1,268.0	2,231.0
19,809.0	29,494.0	26,445.0	20,260.7	18,237.8	27,364.0	44,927.0	57,516.0
5,358.0	8,184.0	8,312.0	11,285.1	11,832.8	16,976.0	30,944.0	40,421.0
648.0	1,169.0	879.0	1,225.7	2,810.6	3,502.0	3,791.0	4,470.0
9,889.0	14,403.0	12,128.0	4,724.1	2,374.2	5,552.0	8,981.0	8,448.0
3,913.0	5,738.0	5,126.0	3,025.8	1,220.2	1,334.0	1,211.0	4,177.0

Table 15.5 – LOCAL GOVERNMENT REVENUES BY TYPE: 1965 TO 1989
(Provinces, Chartered Cities and Municipalities)
(In million pesos)

Year	Total income	Revenue from taxation	Incidental revenue	Receipts from operations	Other receipts
1965	570.4	385.5	44.1	55.5	85.3
1966	640.3	400.9	46.6	63.9	129.8
1967	682.4	453.5	50.7	68.6	109.6
1968	750.4	496.4	53.8	73.5	126.7
1969	853.5	577.4	57.4	77.8	140.9
1970	1,005.6	692.3	63.9	81.1	168.3
1971	1,094.4	793.6	68.9	88.5	143.4
1972	1,383.7	995.3	75.3	95.0	218.1
1973	1,596.8	1,145.4	101.2	118.9	231.3
1974	1,845.5	1,262.0	121.3	129.6	332.6
1975	2,344.1	1,454.1	152.9	158.2	578.9
1976	1,812.8	1,164.3	120.8	111.8	415.9
1977	2,624.9	1,896.7	298.5	280.6	149.1
1978	2,847.4	2,011.9	4.6	606.0	144.9
1979	3,686.5	2,682.0	339.4	586.8	78.3
1980	4,573.4	3,280.6	374.7	638.2	279.9
1981	5,101.9	3,804.6	431.4	752.2	113.7
1982	5,929.1	4,501.2	469.3	879.2	79.4
1983	6,699.8	5,040.4	463.8	1,052.4	143.2
1984	7,348.5	5,454.0	530.0	1,204.9	159.6
1985	8,510.3	6,198.5	763.1	1,430.7	118.0
1986	8,661.1	6,537.3	739.2	1,322.8	61.8
1987	8,923.5	6,777.4	641.5	1,460.8	43.8
1988	13,358.9	8,052.7	3,618.2	1,634.4	53.6
1989	15,280.6	9,653.8	3,110.6	2,444.2	72.0

Includes administration of Provincial City and Municipal Emergency hospitals up to 1975.
Data for 1965 to 1975 are for fiscal years ending June 30 while figures for 1976 refer to calendar year 1976.
Data for 1965–1977 were not revised.

Source: Commission on Audit.

Table 15.6 – COMPARATIVE SCHEDULE OF INCOME AND EXPENDITURES FOR LOCAL GOVERNMENT UNITS, ALL FUNDS: 1981 TO 1989
(In million pesos)

Income/expenditures	1981	1982	1983	1984	1985	1986	1987	1988	1989
INCOME									
Tax Revenue	3,804.6	4,501.2	5,040.4	5,454.0	6,198.5	6,537.3	6,777.4	8,052.7	9,653.8
Operating & miscellaneous revenues	752.2	879.2	1,052.4	1,204.9	1,430.7	1,322.8	1,460.3	1,634.4	2,444.2
Capital Revenue	7.2	9.8	11.9	5.1	15.3	5.0	8.6	14.3	653.5
Grants	424.2	459.5	451.9	524.9	747.8	734.2	632.9	3,603.9	2,457.1
Extraordinary income	9.6	11.7	16.1	10.7	38.8	12.1	30.4	20.2	24.0
Borrowings	104.1	67.7	127.1	148.9	79.2	49.7	13.4	33.4	48.0
Total Income	5,101.9	5,929.1	6,699.8	7,348.5	8,510.3	8,661.1	8,923.5	13,358.9	15,280.6
EXPENDITURES									
Personal Services	2,001.4	2,358.0	2,600.0	3,100.6	3,732.3	4,355.5	4,819.6	5,208.1	6,138.0
Maintenance and other operating expenses	2,214.9	2,393.7	2,756.3	3,312.1	3,569.0	3,484.9	3,654.6	4,721.3	5,390.7
Capital outlay	875.4	961.1	1,188.6	1,203.6	1,206.6	878.8	1,113.0	1,315.2	2,362.9
Total Expenditures	5,091.7	5,712.8	6,544.9	7,616.3	8,507.9	8,719.2	9,587.2	11,244.6	13,891.6

Source: Annual Financial Report on Local Government, Commission on Audit.

Figure 15.2
RELEASES FOR PUBLIC INVESTMENT PROGRAM
BY REGION, 1990

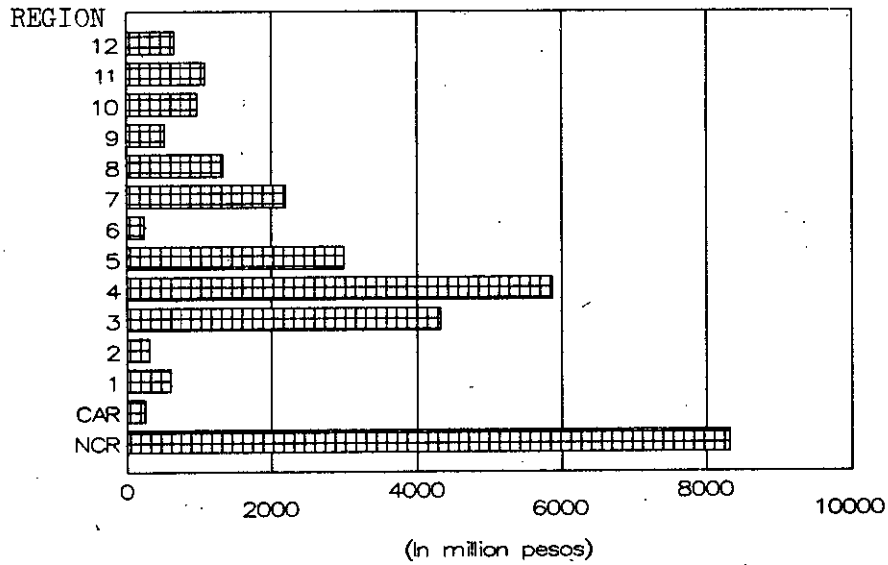

Table 15.7 – FINANCIAL STATUS OF
BY REGION
(Figures in

Region		Releases	Expenditures
CAR	TP	243.333	640.246
	$	1.054	1.000
	P	219.883	625.997
Region I	TP	599.337	292.068
	$	17.354	7.679
	P	213.228	121.219
Region II	TP	307.410	82.289
	$	6.851	0.854
	P	154.982	63.288
Region III	TP	4,321.348	1,106.133
	$	109.429	23.771
	P	1,886.662	577.252
Region IV	TP	5,869.229	954.361
	$	164.459	30.115
	P	2,210.181	284.332
Region V	TP	2,992.207	917.250
	$	82.724	24.862
	P	1,151.681	364.095
Region VI	TP	237.281	4.264
	$	3.487	0.000
	P	159.699	4.264
Region VII	TP	2,189.422	401.855
	$	69.907	9.006
	P	634.061	183.681
Region VIII	TP	1,333.541	235.656
	$	24.159	3.785
	P	796.027	151.444

TP Total Peso
$ Dollar
P Peso

Source: National Economic and Development Authority

PUBLIC INVESTMENT PROGRAM
CY 1990
million)

Region		Releases	Expenditures
Region IX	TP	521.759	74.192
	$	14.904	0.645
	P	201.218	59.841
Region X	TP	982.410	456.552
	$	14.904	2.534
	P	650.819	400.173
Region XI	TP	1,083.292	268.999
	$	25.733	3.082
	P	510.758	200.428
Region XII	TP	653.870	222.939
	$	1.773	1.000
	P	614.423	200.690
N C R	TP	8,321.136	2,348.727
	$	198.963	62.728
	P	3,894.408	953.092
Inter-regional	TP	4,692.294	3,126.592
	$	157.229	116.907
	P	1,194.106	525.528
Nationwide	TP	43,446.826	20,711.863
	$	553.203	278.278
	P	31,138.612	14,520.456
T O T A L	TP	77,794.703	31,851.592
	$	1,445.636	567.046
	P	45,630.740	19,235.779

Table 15.8 – FINANCIAL STATUS OF PUBLIC INVESTMENT PROGRAM BY SECTOR, 1990
(Figures in million)

Sector		Releases	Expenditures
Agriculture	TP	4,156.343	822.410
	$	119.206	28.505
	P	1,504.129	188.202
Natural Resources	TP	3,044.048	1,955.095
	$	25.628	75.103
	P	2,473.851	284.128
Industry and Tourism	TP	1,979.091	982.125
	$	18.427	1.000
	P	1,569.109	959.876
Social	TP	7,423.551	978.485
	$	155.923	19.228
	P	3,954.420	550.681
Transportation	TP	15,124.852	7,815.453
	$	198.254	96.649
	P	10,713.899	5,665.109
Water Resources	TP	16,708.236	7,528.380
	$	245.721	70.332
	P	11,241.189	5,963.563
Social Infrastructure	TP	3,172.740	1,818.550
	$	49.859	15.941
	P	2,063.427	1,463.879
Energy, Power and Electrification	TP	22,620.954	9,292.229
	$	576.718	242.057
	P	9,789.555	3,906.703
Communications	TP	2,253.879	580.908
	$	55.900	18.231
	P	1,010.160	175.286
Other Projects	TP	1,311.009	78.352
	$	0.000	0.000
	P	1,311.009	78.352
Total	TP	77,794.703	31,851.987
	$	1,445.636	567.046
	P	45,630.748	19,235.779

Source: National Economic and Development Authority

Table 15.9 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY LEVEL OF GOVERNMENT: 1950 TO 1990

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
1990					
1st qtr	248,852.5	237,258.5	116.0	5,940.0	5,538.0
2nd qtr	257,312.5	245,702.0	116.0	6,138.5	5,356.0
3rd qtr	268,660.1	244,087.5	–	6,720.7	17,851.9
4th qtr	254,447.5	243,793.4	–	6,625.8	4,028.3

Source: Central Bank of the Philippines

Table 15.10 – INTERNAL DEBT OUTSTANDING CLASSIFIED BY PERIOD OF MATURITY: 1950 TO 1990
(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
1990				
1st quarter	248,852.5	20,889.2	23,163.7	204,799.6
2nd quarter	257,312.5	21,292.9	22,884.8	213,134.8
3rd quarter	268,660.1	20,643.4	13,287.4	234,729.3
4th quarter	254,447.5	20,634.2	23,129.2	210,684.1

Source: Central Bank of the Philippines

Table 15.11 – HOLDERS OF OUTSTANDING GOVERNMENT DOMESTIC SECURITIES: 1977 TO 1990
(In million pesos)

End of Period	Total [1]	Central Bank	Commercial and other banks	Trust Funds	Semi-government entities	Private sector
1977	24,593.4	3,990.5	8,860.8	1,699.2	6,537.2	3,505.7
1978	27,819.7	3,532.6	11,730.3	2,118.7	5,886.6	4,551.5
1979	30,894.3	3,631.9	12,376.0	2,702.4	8,032.1	4,151.9
1980	34,000.2	4,657.7	12,969.5	4,326.6	6,990.5	5,055.9
1981	38,199.5	5,002.7	13,760.8	4,897.4	9,561.0	4,977.6
1982	46,713.6	7,809.7	16,232.0	5,279.9	10,917.7	6,474.3
1983	48,599.2	8,368.2	16,375.5	5,749.0	13,552.9	4,553.6
1984	69,590.3	11,336.6	20,867.1	6,522.5	11,892.8	18,971.3
1985	94,889.8	12,182.0	19,728.2	7,340.6	14,016.1	41,622.9
1986	123,711.1	11,070.1	26,116.5	7,809.8	15,062.4	63,652.3
1987	150,299.6	9,156.8	21,405.2	10,032.7	20,607.6	89,097.3
1988	197,296.4	7,313.0	35,091.4	11,532.0	25,895.0	117,465.0
1989	223,532.0	10,520.0	53,833.0	10,058.0	27,100.0	122,021.0
1990						
January	236,408.0	9,813.0	56,427.0	10,178.0	28,334.0	131,656.0
February	233,119.0	9,370.0	47,376.0	10,218.0	29,257.0	136,898.0
March	235,374.0	9,289.0	49,238.0	7,789.0	29,981.0	139,077.0
April	240,303.0	9,233.0	47,750.0	7,438.0	29,667.0	146,215.0
May	240,336.0	9,068.0	47,047.0	7,666.0	31,236.0	145,319.0
June	243,278.0	8,960.0	53,865.0	7,661.0	33,080.0	139,712.0
July	248,545.0	8,654.0	54,487.0	7,653.0	33,499.0	144,252.0
August	252,997.0	8,551.0	54,327.0	7,741.0	35,742.0	146,636.0
September	257,519.0	8,241.0	58,449.0	7,853.0	42,576.0	140,400.0
October	250,988.0	8,239.0	58,393.0	7,825.0	45,240.0	131,291.0
November	250,108.0	8,131.0	58,965.0	7,867.0	44,845.0	130,300.0
December	242,886.0	8,271.0	57,103.0	7,792.0	55,816.0	113,904.0

1 Revised to exclude dollar treasury bills and Central Bank certificate of indebtedness (CBCIs).
Source: Central Bank of the Philippines.

16 MONEY AND BANKING

The pivotal role played by financial institutions in providing scarce resources in developing countries like the Philippines cannot be overemphasized. Financial statistics relating to institutions, e.g., demand, savings and time deposits, outstanding loans and investments, are of primary importance in determining sound policies conducive to economic development and serve as bases for the monetary authorities and the banking and credit institutions to readily respond to monetary problems, needs and requirements of the economy. Financial institution data also give insights on the contribution of this sector to the government's task of nation building.

The statistics presented in this chapter cover the following: money supply and its origin as well as factors affecting money supply; composition of money and quasi-money; total loans and investment outstanding by institution; credits granted and/or outstanding of deposit money and/or development banks; interest rates on savings and time deposits, total assets and liabilities by institution and demand, savings and time deposit liabilities of banks; and financial condition, revenues and expenditures of the social security agencies. The Central Bank of the Philippines, Development Bank of the Philippines, Philippine National Bank, Government Service Insurance System and the Social Security System are the primary sources of data for these tables.

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Table 16.1 – MONEY SUPPLY AND ITS ORIGIN: 1970 TO 1990
(In million pesos)

End of Period	Money supply	Net foreign assets	Net domestic credits	Non-money supply deposits	Net other accounts
1970	4,697.0	(795.0)	13,582.0	5,480.0	2,610.0
1971	5,179.0	(680.0)	14,593.0	6,321.0	2,413.0
1972	6,470.0	(734.0)	16,400.0	6,447.0	2,749.0
1973	7,268.0	2,390.0	18,386.0	12,727.0	781.0
1974	9,007.0	2,750.0	26,472.0	17,016.0	3,199.0
1975	10,314.0	(673.0)	35,487.0	20,431.0	4,069.0
1976	12,075.0	(714.0)	43,772.0	25,835.0	5,148.0
1977	14,939.0	(1,289.0)	51,452.0	31,216.0	4,008.0
1978	16,945.0	(4,533.0)	63,088.0	37,729.0	3,881.0
1979	18,844.0	(11,109.0)	79,771.0	41,660.0	8,158.0
1980	22,537.0	(17,303.0)	96,209.0	48,392.0	7,977.0
1981	23,523.0	(22,835.0)	117,678.0	61,692.0	9,628.0
1982	23,495.4	(41,601.2)	141,493.7	74,516.9	1,880.2
1983	32,571.0	(102,570.0)	201,959.0	84,538.0	(17,720.0)
1984	33,737.0	(138,183.0)	209,179.0	92,004.0	(54,745.0)
1985	35,893.0	(155,884.0)	198,090.0	100,665.0	(94,352.0)
1986	42,694.0	(144,947.0)	170,999.0	104,612.0	(121,254.0)
1987	52,416.0	(137,752.0)	155,444.0	112,619.0	(147,343.0)
1988	59,718.0	(122,833.0)	166,462.0	141,585.0	(157,674.0)
1989	78,530.0	(114,525.0)	203,818.0	179,441.0	(168,678.0)
1990					
January	70,664.0	(111,568.0)	197,471.0	177,756.0	(162,517.0)
February	70,433.0	(112,517.0)	197,949.0	180,883.0	(165,884.0)
March	70,774.0	(110,931.0)	199,596.0	180,403.0	(162,512.0)
April	72,459.0	(114,134.0)	198,941.0	182,494.0	(170,146.0)
May	71,523.0	(118,204.0)	205,714.0	187,532.0	(171,545.0)
June	69,771.0	(123,392.0)	220,103.0	197,667.0	(170,727.0)
July	69,496.0	(128,595.0)	224,227.0	201,808.0	(175,672.0)
August	71,825.0	(139,801.0)	227,701.0	198,644.0	(182,569.0)
September	71,633.0	(147,781.0)	246,752.0	207,466.0	(180,128.0)
October	74,525.0	(152,698.0)	256,596.0	215,915.0	(186,542.0)
November	80,226.0	(168,591.0)	262,316.0	217,355.0	(203,856.0)
December	89,012.0	(158,493.0)	268,435.0	222,858.0	(201,928.0)

Source: Central Bank of the Philippines.

Table 16.2 – FACTORS AFFECTING MONEY SUPPLY : 1970 TO 1990
(In million pesos)

End of Period	Money supply	Internal sector			External Sector
		Total	Public Sector	Private Sector	
1970	4,696.8	5,492.0	3,269.0	2,223.0	(795.2)
1971	5,178.9	5,859.0	2,947.0	2,912.0	(680.1)
1972	6,470.4	7,204.0	3,073.0	4,131.0	(733.6)
1973	7,268.2	4,878.0	1,741.0	3,137.0	2,390.2
1974	9,007.0	6,257.0	(106.0)	6,363.0	2,750.0
1975	10,314.0	10,987.0	7,061.0	3,926.0	(673.0)
1976	12,075.0	12,789.0	9,700.0	3,089.0	(714.0)
1977	14,939.0	16,228.0	11,310.0	4,918.0	(1,289.0)
1978	16,945.0	21,478.0	12,092.0	9,386.0	(4,533.0)
1979	18,844.0	29,953.0	12,193.0	17,760.0	(11,109.0)
1980	22,537.0	39,840.0	14,993.0	24,847.0	(17,303.0)
1981	23,523.0	46,358.0	19,497.0	26,861.0	(22,835.0)
1982	23,495.4	65,096.6	35,304.2	29,792.4	(41,601.2)
1983	32,571.0	135,141.0	88,826.0	46,315.0	(102,570.0)
1984	33,737.0	171,920.0	138,750.0	33,170.0	(138,183.0)
1985	35,893.0	191,777.0	152,930.0	38,847.0	(155,884.0)
1986	42,694.0	187,641.0	203,491.0	(15,850.0)	(144,947.0)
1987	52,416.0	190,168.0	212,098.0	(21,930.0)	(137,752.0)
1988	59,718.0	182,551.0	220,741.0	(38,190.0)	(122,833.0)
1989	78,530.0	193,055.0	240,543.0	(47,488.0)	(114,525.0)
1990					
January	70,664.0	182,232.0	233,562.0	(51,330.0)	(111,568.0)
February	70,433.0	182,950.0	232,140.0	(49,190.0)	(112,517.0)
March	70,774.0	181,705.0	228,333.0	(46,628.0)	(110,931.0)
April	72,459.0	186,593.0	224,791.0	(38,198.0)	(114,134.0)
May	71,523.0	189,727.0	235,698.0	(45,965.0)	(118,204.0)
June	69,771.0	193,163.0	248,386.0	(55,223.0)	(123,392.0)
July	69,496.0	198,091.0	251,020.0	(52,929.0)	(128,595.0)
August	71,825.0	211,626.0	260,012.0	(48,386.0)	(139,801.0)
September	71,633.0	219,414.0	266,928.0	(47,514.0)	(147,781.0)
October	74,525.0	227,223.0	284,864.0	(57,641.0)	(152,698.0)
November	80,226.0	248,817.0	306,353.0	(57,536.0)	(168,591.0)
December	89,012.0	247,505.0	304,488.0	(56,983.0)	(158,493.0)

Source: Central Bank of the Philippines.

Table 16.3 – DOMESTIC LIQUIDITY, COMPOSITION OF MONEY SUPPLY AND QUASI-MONEY DEPOSITS: 1945 TO 1990
(In million pesos)

End of Period	Domestic liquidity	Money Supply			Quasi-Money deposits			Deposits substitutes
		Total	Currency in circulation	Peso deposits subject to check	Total	Savings deposits	Time deposits	
1945	1,239.3	1,120.0	882.0	238.0	119.3	119.3	0.0	0.0
1950	1,497.3	1,225.1	675.0	550.1	272.2	237.6	34.6	0.0
1955	1,830.1	1,307.1	671.5	635.6	523.0	357.7	165.3	0.0
1960	2,827.8	1,867.3	952.9	914.4	960.5	719.1	241.4	0.0
1965	5,464.2	2,975.2	1,483.2	1,492.0	2,489.0	1,437.4	1,051.6	0.0
1970	9,387.6	4,696.6	2,410.0	2,286.6	4,691.0	4,691.0	0.0	0.0
1975	28,885.8	10,314.8	4,748.8	5,566.0	8,939.3	7,295.0	1,644.3	9,631.7
1976	35,897.4	12,074.9	5,651.8	6,423.1	12,949.8	9,207.1	3,742.7	10,872.7
1977	43,931.1	14,938.5	6,727.6	8,210.9	17,593.1	11,536.1	6,057.0	11,399.5
1978	51,837.2	16,945.5	8,135.0	8,810.5	23,397.8	15,010.7	8,387.1	11,493.9
1979	57,360.0	18,843.6	9,181.7	9,661.9	26,565.5	16,900.2	9,665.3	11,950.9
1980	67,803.2	22,537.5	10,174.6	12,362.9	32,894.3	19,529.9	13,364.4	12,371.4
1981	82,091.3	23,524.3	11,625.8	11,898.5	42,114.8	24,198.3	17,916.5	16,452.2
1982	95,268.8	23,495.4	12,680.2	10,815.2	55,207.8	28,919.3	26,288.5	16,565.6
1983	114,211.0	32,571.0	19,587.0	12,984.0	64,534.0	34,457.0	30,077.0	17,106.0
1984	122,432.0	33,737.0	21,764.0	11,973.0	77,419.0	38,530.0	38,889.0	11,276.0
1985	134,140.0	35,893.0	24,029.0	11,864.0	89,638.0	47,107.0	42,531.0	8,609.0
1986	144,325.0	42,694.0	29,264.0	13,430.0	96,780.0	62,620.0	34,160.0	4,851.0
1987	161,824.0	52,416.0	35,372.0	17,044.0	105,855.0	72,105.0	33,750.0	3,553.0
1988	198,409.0	59,718.0	40,638.0	19,080.0	136,203.0	92,253.0	43,950.0	2,488.0
1989	253,921.0	78,530.0	52,823.0	25,707.0	172,561.0	118,377.0	54,184.0	2,830.0
1990								
January	244,534.0	70,664.0	44,921.0	25,743.0	171,612.0	116,999.0	54,613.0	2,258.0
February	247,229.0	70,433.0	44,653.0	25,780.0	174,694.0	121,456.0	53,238.0	2,102.0
March	247,419.0	70,774.0	46,629.0	24,145.0	174,178.0	124,322.0	49,856.0	2,467.0
April	251,070.0	72,459.0	46,279.0	26,180.0	176,262.0	126,480.0	49,782.0	2,349.0
May	254,882.0	71,523.0	45,557.0	25,966.0	180,457.0	129,297.0	51,160.0	2,902.0
June	263,515.0	69,771.0	44,625.0	25,146.0	190,925.0	138,807.0	52,118.0	2,819.0
July	267,142.0	69,496.0	43,048.0	26,448.0	194,844.0	142,028.0	52,816.0	2,802.0
August	266,161.0	71,825.0	46,193.0	25,632.0	191,776.0	140,091.0	51,685.0	2,560.0
September	274,076.0	71,633.0	46,900.0	24,733.0	200,186.0	149,225.0	50,961.0	2,257.0
October	283,098.0	74,525.0	48,153.0	26,372.0	205,684.0	156,857.0	48,827.0	2,889.0
November	288,118.0	80,226.0	52,723.0	27,503.0	204,777.0	155,510.0	49,267.0	3,115.0
December	300,541.0	89,012.0	61,921.0	27,091.0	208,295.0	159,193.0	49,102.0	3,234.0

Source: Central Bank of the Philippines.

Figure 16.1
DOMESTIC LIQUIDITY, 1981-1990

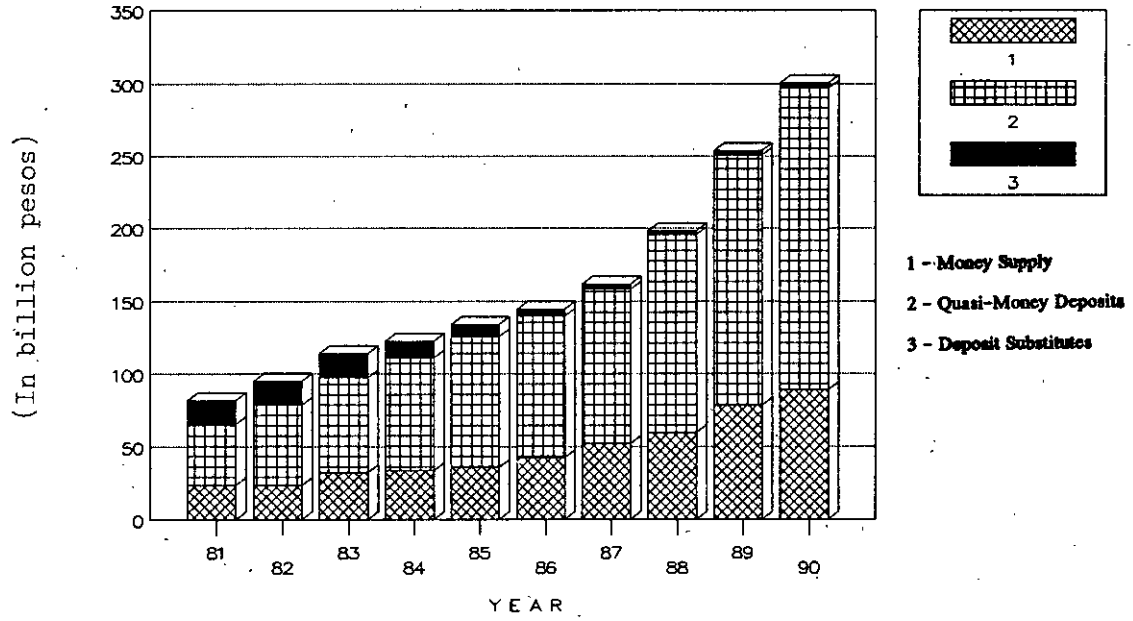

Figure 16.2
PERCENT DISTRIBUTION OF LOANS AND INVESTMENTS
OUTSTANDING BY INSTITUTION, 1990

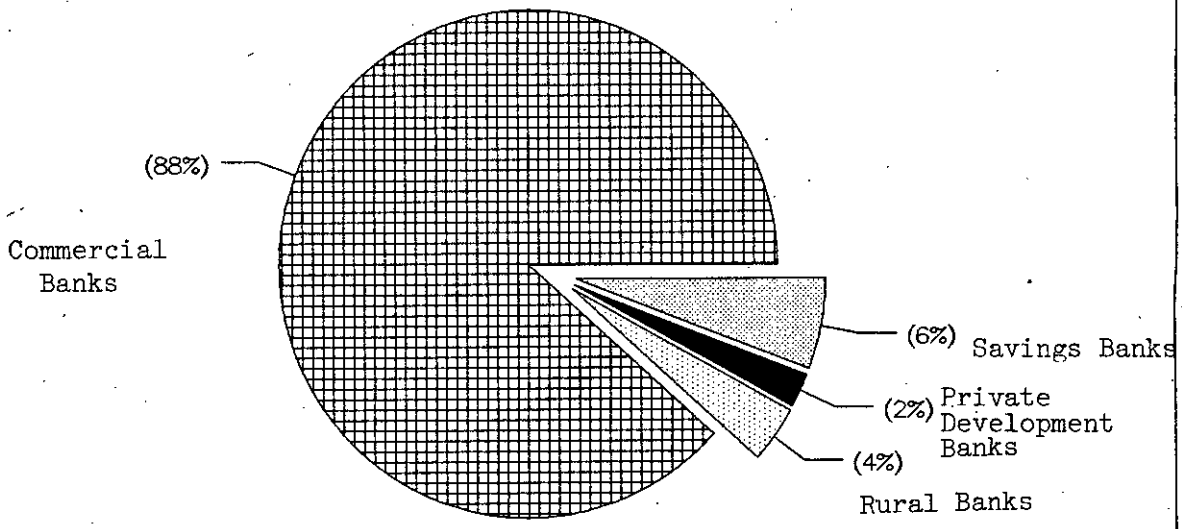

Table 16.4 – GROSS DOMESTIC CREDITS OF
(In million

End of Period	Grand Total	Domestic securities			
		Total	National Government	Local gov't & semi-gov't entities	Private businesses and individuals
1970	11,391.0	1,559.0	900.0	313.0	346.0
1971	12,574.9	1,564.7	974.2	306.7	283.8
1972	14,703.4	1,340.3	828.9	311.0	200.4
1973	20,590.7	2,175.8	1,530.7	367.4	277.7
1974	30,552.2	2,225.9	1,379.9	431.4	414.6
1975	37,745.9	2,438.8	1,251.8	740.0	447.0
1976	44,404.2	3,314.0	1,919.0	711.0	684.0
1977	52,533.3	4,241.0	2,563.0	571.0	1,107.0
1978	65,439.9	4,462.0	2,411.0	818.0	1,233.0
1979	82,292.8	5,441.8	3,192.4	923.4	1,326.0
1980	95,841.7	7,155.7	4,051.1	1,341.4	1,763.2
1981	112,898.0	9,379.0	5,439.1	1,282.0	2,657.9
1982	130,309.5	14,230.4	8,903.7	2,013.8	3,312.9
1983	171,482.0	18,115.0	11,191.0	2,814.0	4,110.0
1984	174,678.0	24,478.0	13,732.0	2,512.0	8,234.0
1985	161,261.0	21,431.0	11,976.0	2,353.0	7,102.0
1986	135,871.0	28,839.0	20,162.0	1,753.0	6,924.0
1987	150,793.0	30,468.0	22,495.0	936.0	7,037.0
1988	185,096.0	42,665.0	34,873.0	1,388.0	6,404.0
1989	234,018.0	58,948.0	50,638.0	1,036.0	7,274.0
1990					
January	234,103.0	62,019.0	53,777.0	1,025.0	7,217.0
February	230,571.0	53,209.0	44,775.0	1,037.0	7,397.0
March	238,819.0	55,274.0	46,556.0	1,155.0	7,563.0
April	239,844.0	53,776.0	45,166.0	1,149.0	7,461.0
May	239,670.0	53,147.0	44,439.0	1,169.0	7,539.0
June	252,047.0	60,392.0	51,234.0	1,244.0	7,614.0
July	259,816.0	60,340.0	51,458.0	1,207.0	7,675.0
August	264,797.0	60,387.0	51,899.0	1,096.0	7,392.0
September	276,500.0	61,984.0	52,283.0	1,073.0	8,628.0
October	279,916.0	65,448.0	55,491.0	1,104.0	8,853.0
November	287,189.0	66,958.0	56,856.0	1,138.0	8,964.0
December	291,949.0	64,920.0	54,556.0	1,340.0	9,024.0

Source: Central Bank of the Philippines.

DEPOSIT MONEY BANKS: 1970 TO 1990
pesos)

Loans and advances				Credits to Central Bank
Total	National Government	Local gov't and semi-gov't entities	Private businesses and individuals	
9,785.0	161.0	959.0	8,665.0	47.0
10,716.9	19.0	819.2	9,878.7	293.3
12,916.1	110.0	858.1	11,948.0	447.0
16,615.0	43.0	480.5	16,091.5	1,799.9
26,078.0	166.0	1,092.0	24,820.0	2,248.3
31,796.5	228.0	3,501.2	28,067.3	3,510.6
37,170.2	33.1	4,633.3	32,503.8	3,920.0
43,058.3	727.7	4,707.7	37,622.9	5,234.0
54,069.3	1,533.5	4,504.7	48,031.1	6,908.6
69,741.0	1,557.0	5,354.0	62,830.0	7,110.0
82,516.0	1,271.0	5,869.0	75,376.0	6,170.0
97,571.0	715.0	5,698.0	91,158.0	5,948.0
111,774.6	824.1	7,304.3	103,646.2	4,304.5
149,901.0	2,346.0	13,494.0	134,061.0	3,466.0
144,735.0	2,318.0	18,287.0	124,130.0	5,465.0
132,173.0	2,618.0	18,561.0	110,994.0	7,657.0
101,780.0	1,021.0	15,870.0	84,889.0	5,252.0
119,942.0	1,468.0	12,912.0	105,562.0	383.0
141,812.0	3,546.0	12,199.0	126,067.0	619.0
173,997.0	3,927.0	14,244.0	155,826.0	1,073.0
171,085.0	3,448.0	15,065.0	152,572.0	999.0
176,432.0	4,210.0	14,785.0	157,437.0	930.0
182,632.0	3,791.0	14,055.0	164,786.0	913.0
185,161.0	3,795.0	13,501.0	167,865.0	907.0
185,602.0	3,796.0	13,284.0	168,522.0	921.0
190,734.0	3,868.0	13,506.0	173,360.0	921.0
198,603.0	3,991.0	14,330.0	180,282.0	873.0
203,555.0	4,210.0	14,674.0	184,671.0	855.0
209,907.0	4,356.0	14,339.0	191,212.0	4,609.0
212,840.0	4,401.0	15,184.0	193,255.0	1,628.0
219,377.0	4,776.0	17,523.0	197,078.0	854.0
226,211.0	4,760.0	18,469.0	202,982.0	818.0

Table 16.5 – TOTAL LOANS AND INVESTMENTS OUTSTANDING BY INSTITUTION: 1955 TO 1990
(In million pesos)

Period	Total	Commercial banks	Rural banks	Private Development banks *	Savings banks [1]
1955	1,753.6	1,217.8	6.6	508.9	20.3
1960	2,536.7	1,849.8	63.5	566.5	56.9
1965	7,212.4	5,547.7	234.6	1,288.9	141.2
1970	14,880.5	10,968.0	547.7	2,935.3	429.5
1975	49,717.6	38,788.8	2,416.4	7,331.6	1,180.8
1976	59,752.6	44,892.4	2,666.0	10,451.8	1,742.4
1977	72,077.3	53,726.8	2,897.7	13,082.6	2,370.2
1978	91,378.5	69,596.0	3,519.9	14,966.2	3,296.4
1979	113,958.6	86,936.6	4,286.9	18,505.7	4,229.4
1980	135,802.4	102,064.2	4,820.7	23,459.9	5,457.6
1981	162,652.9	117,789.8	5,658.9	33,929.6	5,274.6
1982	188,704.9	136,507.8	6,923.1	40,683.8	4,590.2
1983	236,238.0	171,558.5	7,974.0	51,013.9	5,691.6
1984	247,293.2	180,667.5	7,384.0	53,731.5	5,510.2
1985	215,453.3	162,171.6	7,072.5	41,412.7	4,796.5
1986	189,052.4	163,377.2	7,266.4	12,485.0	5,923.8
1987 [2]	143,914.0	113,472.7	7,693.7	14,611.8	8,135.8
1988	177,876.2	155,200.1	7,970.2	3,820.9	10,885.0
1989	214,836.0	184,891.0	8,859.0	5,053.4	16,032.6
1990					
January	215,108.9	186,631.0	9,007.4	4,882.2	14,588.3
February	221,307.8	192,730.0	9,007.4	4,997.4	14,573.0
March	226,313.9	195,179.0	9,007.4	5,067.2	17,060.3
April	227,400.4	196,801.0	9,327.2	5,219.5	16,052.7
May	228,812.6	197,575.0	9,327.2	5,510.7	16,399.7
June	236,417.0	203,781.0	9,327.2	5,650.9	17,657.9
July	243,187.1	211,515.0	9,660.8	5,782.4	16,228.9
August	246,033.0	215,991.0	9,660.8	5,680.9	14,700.3
September	253,326.4	223,697.0	9,660.8	5,859.5	14,109.1
October	256,243.7	227,269.0	9,735.7	6,024.1	13,214.9
November	267,332.3	237,002.0	9,735.7	5,978.9	14,615.7
December	275,887.8	243,992.0	9,735.7	6,139.9	16,020.2

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 1990
(In million pesos)

Period	Total	Commercial* banks	Rural banks	Development banks	Savings[1] banks
1955	282.2	226.9	0.1	52.7	2.5
1960	189.1	131.4	3.9	49.4	4.4
1965	816.5	625.1	10.0	161.6	19.8
1970	2,249.8	1,762.2	12.9	352.0	122.7
1975	8,034.7	6,178.9	68.6	1,506.1	281.1
1976	9,836.1	7,211.0	75.7	2,131.0	418.4
1977	12,679.0	9,466.0	76.8	2,720.9	415.3
1978	15,567.5	11,335.0	97.1	3,478.3	657.1
1979	17,970.7	12,554.0	114.8	4,637.0	664.9
1980	20,484.9	13,314.4	130.0	6,053.0	987.5
1981	25,353.3	15,386.4	170.7	8,976.9	819.3
1982	30,519.4	18,689.1	253.1	10,700.9	876.3
1983	34,616.7	21,443.5	326.0	11,919.8	927.4
1984	35,550.7	22,564.0	361.5	12,140.1	485.1
1985	44,289.9	32,278.0	436.2	10,409.5	1,166.2
1986	39,334.9	34,571.0	475.9	2,865.0	1,423.0
1987[2]	39,412.6	32,141.0	466.7	5,570.4	1,234.5
1988	50,093.8	41,666.4	458.2	5,788.8	2,180.4
1989	69,132.3	61,941.0	493.0	4,138.7	2,559.6
1990					
January	84,167.2	64,393.0	636.5	17,400.2	1,737.5
February	75,450.3	55,612.0	636.5	17,695.7	1,506.1
March	78,241.0	57,576.0	636.5	17,503.3	2,525.2
April	77,159.4	56,030.0	630.9	17,908.9	2,589.6
May	78,740.5	56,809.0	630.9	18,132.2	3,168.4
June	85,809.4	63,884.0	630.9	18,085.4	3,209.1
July	86,626.9	64,818.0	607.2	18,750.7	2,451.0
August	87,765.3	66,403.0	607.2	19,292.9	1,462.2
September	95,014.9	71,711.0	607.2	21,053.6	1,643.1
October	95,986.3	71,954.0	593.4	22,281.2	1,157.7
November	98,340.0	74,114.0	593.4	22,346.6	1,286.0
December	95,462.2	70,813.0	593.4	23,001.1	1,054.7

1 Beginning 1959, includes private development banks.

2 After transfer of selected assets and liabilities of one specialized government bank.

* New concept to include LBP and DMB account. Revision to include

Source: Central Bank of the Philippines.

Table 16.7 – TOTAL DEPOSIT LIABILITIES

End of Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	27,571.0	20,746.7	6,664.8	8,951.2	5,130.7
1976	34,081.7	26,243.1	7,512.8	11,127.9	7,602.4
1977	42,834.1	33,777.0	9,045.0	13,262.5	11,469.5
1978	53,821.2	43,652.5	9,602.3	17,313.7	16,736.5
1979	68,740.2	55,997.2	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	59,191.3	25,239.1	2,952.5	13,671.4	8,615.2
1990					
January	290,009.0	256,646.0	33,247.0	136,548.0	86,851.0
February	293,426.2	259,721.0	32,155.0	141,087.0	86,479.0
March	290,806.6	255,837.0	29,835.0	141,646.0	84,356.0
April	292,019.9	258,989.0	30,162.0	144,137.0	84,690.0
May	299,622.2	265,281.0	33,146.0	145,659.0	86,476.0
June	312,973.5	277,703.0	29,982.0	157,667.0	90,054.0
July	321,700.5	286,951.0	31,242.0	163,451.0	92,258.0
August	321,287.5	287,060.0	30,741.0	162,629.0	93,690.0
September	330,694.9	295,668.0	29,668.0	173,051.0	92,949.0
October	336,796.6	300,176.0	31,901.0	177,268.0	91,007.0
November	345,136.3	308,028.0	33,469.0	179,110.0	95,449.0
December	350,612.4	310,743.0	32,607.0	181,070.0	97,066.0

a Revised to reflect the expanded coverage of deposit money banks and other changes in the classification of accounts.
Source: Central Bank of the Philippines.

OF BANKS: 1975 TO 1990

Savings Banks				Private Development Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
1,183.9	0.0	1,020.0	163.9	196.1	0.0	149.0	47.1
1,760.6	0.0	1,371.3	389.3	258.4	0.0	173.9	84.5
2,458.1	0.0	1,800.2	657.9	332.9	0.0	207.3	125.6
3,478.9	0.2	2,366.5	1,112.2	424.2	0.0	259.1	165.1
4,830.6	32.4	3,131.7	1,666.5	576.5	0.7	344.0	231.8
5,985.5	162.3	3,738.3	2,084.9	779.4	1.9	429.9	347.6
4,565.2	112.8	2,577.8	1,874.6	1,191.5	11.2	660.2	520.1
5,101.0	89.3	2,791.6	2,220.1	2,025.5	105.4	922.8	997.3
5,957.8	124.3	3,168.6	2,664.9	2,464.7	85.6	1,059.6	1,319.5
3,138.9	67.2	1,771.2	1,300.5	2,185.3	134.0	939.5	1,111.8
5,734.8	98.3	3,137.3	2,499.2	2,765.4	130.1	1,249.8	1,385.5
7,021.9	166.8	4,538.4	2,316.7	3,315.5	213.2	1,583.4	1,518.9
9,170.7	218.2	6,617.6	2,334.9	3,596.8	177.7	1,918.6	1,500.5
12,196.1	266.4	8,898.8	3,030.9	4,469.9	221.4	2,331.2	1,917.3
16,542.7	397.5	11,933.7	4,211.5	5,429.8	278.0	2,858.6	2,293.2
14,829.8	345.1	10,410.2	4,074.5	5,696.8	249.0	3,111.8	2,336.0
14,995.1	359.5	10,472.7	4,162.9	5,657.3	260.5	3,035.7	2,361.1
16,658.7	382.5	12,009.2	4,267.0	5,669.7	185.9	3,123.3	2,360.5
15,367.0	385.4	10,500.4	4,481.2	5,621.2	111.6	3,145.5	2,364.1
15,898.6	384.0	10,571.1	4,943.5	5,890.3	265.7	3,198.6	2,426.0
16,997.9	392.8	11,505.7	5,099.4	5,987.8	257.9	3,265.6	2,464.3
15,974.9	402.7	10,344.1	5,228.1	6,193.3	267.3	3,347.2	2,578.8
15,021.4	334.2	9,615.0	5,072.2	6,171.4	113.6	3,442.6	2,615.2
14,956.1	333.7	9,526.6	5,095.8	6,314.9	151.1	3,505.3	2,658.5
15,304.8	339.2	9,804.8	5,160.8	6,422.6	153.6	3,625.8	2,643.2
15,668.9	336.8	10,155.2	5,176.9	6,270.9	159.4	3,533.0	2,578.5
17,264.4	398.2	11,539.1	5,327.1	7,280.3	260.9	4,081.1	2,938.3

Table 16.7 – TOTAL DEPOSIT LIABILITIES

End of Period	S S L A				Specialized	
	Total	Demand	Savings	Time	Total	Demand
1975	213.0	0.0	154.8	58.2	4,146.0	2.8
1976	357.2	0.0	239.3	117.9	4,305.1	18.5
1977	483.0	0.0	317.1	165.9	4,476.3	31.4
1978	677.6	0.0	444.4	233.2	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 [a]	2,765.2	20.5	1,225.5	1,519.2	6,240.6	21.8
1984 [a]	1,734.4	13.0	989.9	731.5	4,645.3	22.9
1985 [a]	1,970.4	9.9	1,077.3	883.2	5,201.9	17.7
1986 [a]	2,613.0	31.0	1,502.9	1,079.1	3,168.4	26.8
1987 [a]	2,271.8	0.0	1,283.0	988.8	2,915.0	29.7
1988 [a]	2,440.8	0.0	1,390.0	1,050.8	3,684.3	41.4
1989 [a]	2,992.3	0.0	1,672.3	1,320.0	2,733.6	23.1
1990 [a]						
January	3,116.0	0.0	1,715.5	1,400.5	3,039.7	250.5
February	3,213.3	0.0	1,757.9	1,455.4	3,158.8	361.4
March	3,203.8	0.0	1,777.2	1,426.6	2,756.7	646.7
April	2,875.4	0.0	1,568.0	1,307.4	2,370.1	509.6
May	3,217.2	0.0	1,742.4	1,474.8	2,537.9	691.3
June	3,205.5	0.0	1,718.9	1,486.6	2,282.1	675.8
July	3,256.0	0.0	1,734.0	1,522.0	2,442.7	762.1
August	3,243.0	0.0	1,727.5	1,515.5	2,909.1	495.4
September	3,051.6	0.0	1,656.0	1,395.6	3,821.7	739.1
October	3,031.8	0.0	1,671.9	1,359.9	4,794.2	1,290.4
November	3,018.9	0.0	1,656.5	1,362.4	5,082.4	1,018.9
December	3,041.0	0.0	1,675.3	1,365.7	5,216.5	932.8

OF BANKS: 1975 TO 1990 (continued)

Government Banks		Rural Banks			
Savings	Time	Total	Demand	Savings	Time
3,131.9	1,011.3	1,085.3	20.8	656.0	408.5
2,605.1	1,681.5	1,157.3	18.6	722.4	416.3
2,616.2	1,828.7	1,306.8	19.8	786.3	500.7
2,503.2	1,511.5	1,566.4	18.8	974.6	573.0
2,947.7	1,585.9	1,911.1	26.5	1,182.2	702.4
4,085.7	1,569.2	2,050.5	13.9	1,265.6	771.0
6,124.2	2,681.3	2,427.3	25.0	1,471.3	931.0
6,504.6	2,546.4	2,995.8	21.4	1,776.7	1,197.7
4,307.9	1,910.9	3,571.4	23.5	2,043.1	1,504.8
658.1	3,964.3	3,316.2	17.6	1,939.2	1,359.4
716.9	4,467.3	3,127.0	17.1	1,966.9	1,143.0
314.4	2,827.2	3,767.1	20.5	2,407.2	1,339.4
251.3	2,634.0	4,516.3	22.7	3,011.4	1,482.2
1,486.3	2,156.6	5,351.3	31.3	3,519.1	1,800.9
546.1	2,164.4	6,253.8	31.8	4,224.6	1,997.4
597.4	2,191.8	6,680.7	33.3	4,536.8	2,110.6
658.5	2,138.9	6,680.7	33.3	4,536.8	2,110.6
916.6	1,193.4	6,680.7	33.3	4,536.8	2,110.6
1,061.3	799.2	6,797.2	33.5	4,561.0	2,202.7
677.9	1,168.7	6,797.2	33.5	4,561.0	2,202.7
730.9	875.4	6,797.2	33.5	4,561.0	2,202.7
801.7	878.9	6,882.6	32.8	4,512.4	2,337.4
1,409.9	1,003.8	6,882.6	32.8	4,512.4	2,337.4
1,452.5	1,630.1	6,882.6	32.8	4,512.4	2,337.4
1,644.8	1,859.0	7,067.2	38.5	4,710.6	2,318.1
1,612.2	2,451.3	7,067.2	38.5	4,710.6	2,318.1
1,759.6	2,524.1	7,067.2	38.5	4,710.6	2,318.1

Table 16.8 – NUMBER OF DEPOSIT

Period	Grand Total	Commercial banks			
		Total	Demand	Savings	Time
1975	12,400,990	7,067,039	409,338	6,568,582	89,119
1976	14,370,284	7,904,932	454,779	7,300,625	149,528
1977	15,916,418	8,443,217	489,834	7,738,014	215,369
1978	18,244,146	9,031,697	523,094	8,214,089	294,514
1979	20,225,335	9,751,891	551,785	8,807,895	392,211
1980	21,047,133	10,130,096	584,570	8,908,984	636,542
1981	22,654,497	13,331,037	616,017	11,331,076	1,383,944
1982	24,869,790	15,093,658	631,373	11,792,063	2,670,222
1983	25,589,530	15,225,027	658,041	11,244,354	3,322,632
1984	23,745,648	13,971,704	644,173	10,937,280	2,390,251
1985	20,244,864	12,616,016	636,860	11,048,769	930,387
1986	19,465,502	12,371,867	644,676	10,917,161	810,030
1987	19,591,252	12,861,071	695,929	11,388,220	776,922
1988	19,546,724	13,167,759	686,476	11,452,710	1,028,573
1989	19,164,934	12,617,091	762,555	10,955,990	898,546
1990					
January	9,588,892	2,996,848	881,037	1,158,697	957,114
February	17,050,366	10,441,793	785,245	8,990,744	665,804
March	16,875,831	10,257,935	737,758	8,871,657	648,520
April	16,757,542	10,320,142	755,699	8,844,004	720,439
May	16,736,930	10,277,999	773,387	8,851,683	652,929
June	16,816,462	10,391,264	784,415	8,932,575	674,274
July	16,938,023	10,551,385	793,997	9,063,725	693,663
August	17,002,177	10,677,668	795,996	9,111,662	770,010
September	16,779,195	10,478,854	770,659	9,004,102	704,093
October	16,987,372	11,336,644	783,511	9,856,245	696,888
November	16,240,037	10,543,196	789,415	8,969,697	784,084
December	16,143,421	10,486,998	795,443	8,951,311	740,244

Note: Data includes DBP starting August 1986.

a After transfer of selected assets and liabilities of one specialized government bank.

Source: Central Bank of the Philippines.

ACCOUNTS IN BANKS: 1975 TO 1990

Savings Banks				Private Developments Banks			
Total	Demand	Savings	Time	Total	Demand	Savings	Time
2,889,949	0	2,858,891	31,058	459,041	0	451,302	7,739
3,438,880	0	3,374,289	64,591	541,730	0	530,517	11,213
4,186,153	0	4,069,997	116,156	627,479	0	610,456	17,023
5,170,963	6	4,936,358	234,599	697,428	0	669,742	27,686
5,893,166	6,323	5,555,997	330,846	782,016	0	738,049	43,967
6,405,457	13,488	5,961,839	430,130	834,452	451	760,645	73,356
4,198,241	10,525	3,866,935	320,781	919,162	1,678	824,585	92,899
4,456,376	14,508	4,087,721	354,147	1,031,915	3,511	857,634	170,770
4,650,985	20,898	4,251,344	378,743	1,143,999	5,725	945,133	193,141
3,978,748	19,537	3,827,071	132,140	1,048,020	6,375	915,191	126,454
2,125,610	26,925	2,010,203	88,482	949,631	8,857	890,703	50,071
1,856,954	31,341	1,767,978	57,635	855,163	11,245	748,189	95,729
1,670,274	40,319	1,577,602	52,353	747,396	11,954	700,210	35,232
1,572,191	46,924	1,464,327	60,940	708,748	9,968	660,254	38,526
1,687,162	55,809	1,549,870	81,483	680,744	11,675	635,276	33,793
1,702,323	61,057	1,557,014	84,252	677,816	11,705	634,063	32,048
1,716,963	65,136	1,566,075	85,752	679,984	12,030	635,657	32,297
1,721,179	58,452	1,576,149	86,578	682,525	12,142	638,439	31,944
1,717,124	58,820	1,571,446	86,858	677,043	12,423	633,035	31,585
1,737,762	59,163	1,590,360	88,239	680,637	12,426	636,289	31,922
1,709,684	59,682	1,561,069	88,933	670,806	12,601	626,197	32,008
1,694,046	60,778	1,542,700	90,568	669,871	13,083	625,732	31,056
1,626,363	55,727	1,482,862	87,774	670,779	13,100	624,801	32,878
1,603,484	56,573	1,458,764	88,147	665,727	13,260	619,421	33,046
1,567,047	57,834	1,419,460	89,753	626,404	16,202	542,994	67,208
1,568,755	57,209	1,422,451	89,095	668,229	18,710	616,597	32,922
1,568,603	57,603	1,424,951	86,049	626,992	18,718	577,278	30,996

Table 16.8 – NUMBER OF DEPOSIT ACCOUNTS IN BANKS, 1975 TO 1990 (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	82,073	1,162	77,785	3,126	4,097,864	4,475	4,000,019	93,370
1990								
January	82,052	1,624	77,034	3,394	4,129,853	4,513	4,028,091	97,249
February	81,773	1,989	76,220	3,564	4,129,853	4,513	4,028,091	97,249
March	84,339	2,809	77,728	3,802	4,129,853	4,513	4,028,091	97,249
April	85,026	3,407	77,854	3,765	3,958,207	4,457	3,855,695	98,055
May	82,325	3,851	77,905	569	3,958,207	4,457	3,855,695	98,055
June	86,501	4,332	78,021	4,148	3,958,207	4,457	3,855,695	98,055
July	86,046	4,540	77,226	4,280	3,936,675	4,663	3,838,333	93,679
August	90,692	4,991	80,860	4,841	3,936,675	4,663	3,838,333	93,679
September	94,455	5,239	83,819	5,397	3,936,675	4,663	3,838,333	93,679
October	99,322	5,716	87,438	6,168	3,357,955	4,604	3,258,151	95,200
November	101,902	5,776	89,568	6,558	3,357,955	4,604	3,258,151	95,200
December	102,873	6,240	89,385	7,248	3,357,955	4,604	3,258,151	95,200

Figure 16.3
TOTAL ASSETS BY INSTITUTIONS, 1981-1990

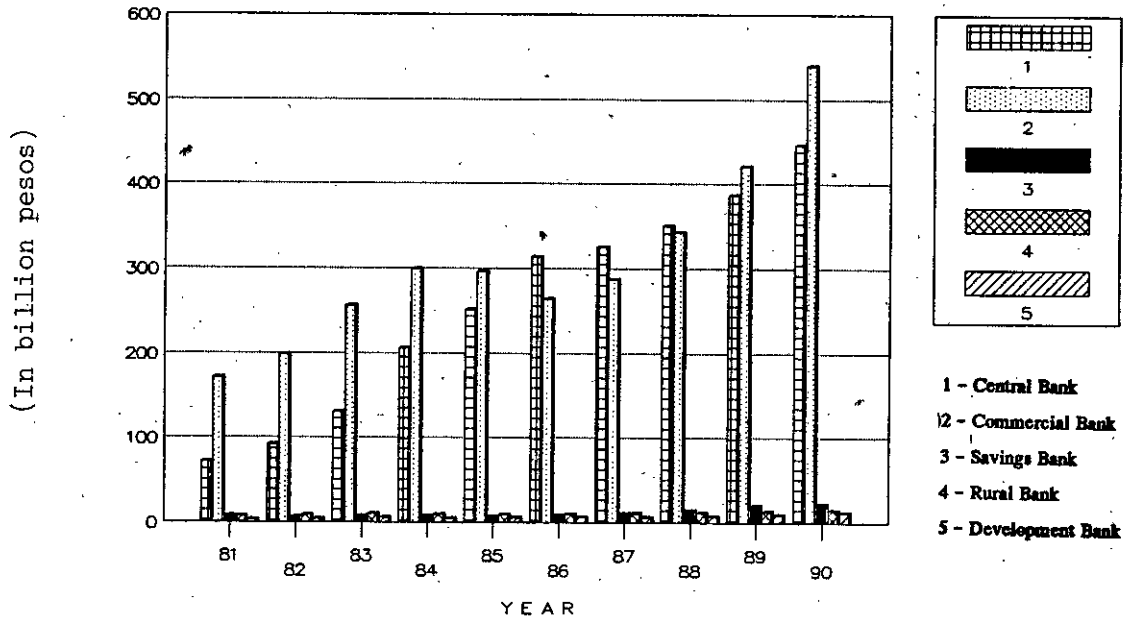

Figure 16.4
TOTAL LOANS GRANTED BY DEVELOPMENT BANKS
1990

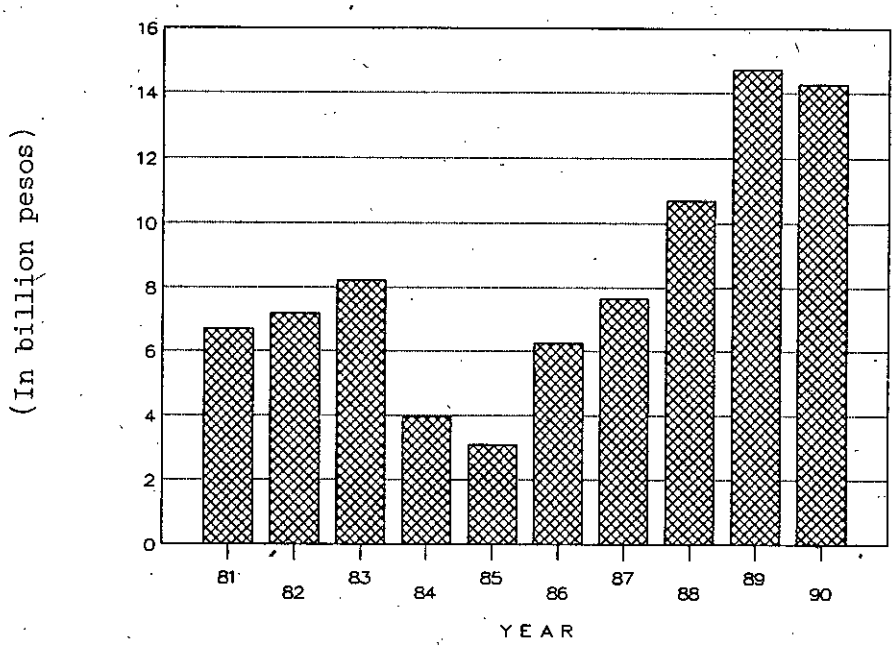

Table 16.9 – TOTAL ASSETS AND TOTAL
(In million

End of Period	Central Bank		Commercial banks	
	Total assets	Total liabilities	Total assets	Total liabilities
1955	966.4	932.5	1,412.9	1,393.4
1960	1,948.3	1,637.2	2,336.8	2,052.9
1965	3,096.6	2,866.9	6,731.0	5,902.7
1970	6,003.2	5,731.5	14,066.1	12,595.4
1975	25,974.2	25,632.8	53,165.0	47,993.0
1976	28,972.2	28,598.2	58,730.9	53,159.0
1977	28,982.8	28,563.3	68,679.0	61,708.0
1978	38,358.0	37,940.7	90,929.9	81,569.4
1979	50,790.2	69,943.4	115,376.5	104,774.8
1980	65,447.3	71,042.1	144,489.0	132,018.1
1981	71,571.2	129,817.9	171,704.4	155,716.6
1982	91,691.8	91,169.1	198,865.0	179,559.3
1983	130,371.7	129,817.9	256,458.4	233,705.9
1984	206,026.5	205,434.5	299,226.3	271,425.5
1985	251,611.9	250,970.6	296,563.9	271,386.9
1986	313,892.0	313,215.0	264,635.1	232,386.9
1987	325,185.1	324,472.8	287,465.1	251,403.0
1988	349,932.7	349,150.1	342,312.0	299,510.0
1989	385,889.7	385,016.5	420,410.0	372,890.0
1990				
January	366,361.3	365,347.5	424,497.0	376,321.0
February	366,951.7	365,933.0	429,352.0	380,699.0
March	370,984.8	369,255.5	428,932.0	379,597.0
April	371,755.4	370,001.4	433,972.0	384,010.0
May	384,980.9	383,211.8	441,632.0	390,524.0
June	388,504.6	386,700.0	457,650.0	405,565.0
July	394,080.4	392,259.0	470,764.0	417,200.0
August	405,554.3	403,717.2	479,335.0	422,799.0
September	415,203.1	413,350.2	493,592.0	435,747.0
October	442,238.5	420,510.0	506,587.0	447,990.0
November	440,863.2	438,973.5	524,846.0	463,579.0
December	444,893.2	442,977.4	539,708.0	477,874.0

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 1990
pesos)

Savings banks		Rural banks		Development banks	
Total assets	Total liabilities	Total assets	Total liabilities	Total assets	Total liabilities
25.2	22.5	7.9	2.0	560.9	221.1
71.6	61.6	76.2	39.6	624.5	319.1
201.4	173.3	279.0	157.4	1,346.2	954.5
724.4	648.6	663.7	428.7	3,219.0	2,516.8
1,421.9	1,274.7	2,773.3	2,323.3	9,967.1	7,574.4
2,043.1	1,860.3	3,053.2	2,519.0	13,175.7	10,253.2
2,810.4	2,590.8	3,382.6	2,779.4	16,299.6	12,911.7
3,896.8	3,621.7	4,112.0	3,408.7	759.7	590.2
5,389.9	5,048.7	5,017.0	4,212.8	1,023.4	810.2
7,352.4	6,730.8	5,642.2	4,769.5	1,620.6	1,309.1
6,930.5	6,447.1	6,631.2	5,607.8	2,631.4	2,153.5
5,872.4	5,415.7	8,136.5	6,965.3	3,703.0	3,149.9
7,399.4	6,825.9	9,499.7	8,107.5	4,613.2	3,957.6
7,613.8	6,963.4	9,023.3	7,513.0	4,525.3	3,825.4
6,847.2	6,400.1	8,821.7	7,240.8	5,084.2	4,300.6
8,124.4	7,540.9	9,350.5	7,651.6	5,621.5	4,899.6
10,534.1	9,722.2	9,960.8	8,101.1	5,474.5	4,614.9
14,165.4	13,163.8	11,018.2	8,980.2	6,698.0	5,702.3
19,689.4	18,081.1	12,521.8	10,220.5	8,527.4	7,217.7
18,043.7	16,411.7	12,971.3	10,574.5	8,616.8	7,265.0
18,375.0	16,707.1	12,971.3	10,574.5	8,541.0	7,175.7
20,628.1	18,947.3	12,971.3	10,574.5	8,498.5	7,131.7
19,899.9	18,147.6	13,235.3	10,719.0	8,776.9	7,392.8
21,113.6	19,301.6	13,235.3	10,719.0	9,195.0	7,809.8
22,051.6	20,244.3	13,235.3	10,719.0	9,347.2	7,910.4
20,525.6	18,111.5	13,553.5	10,919.4	9,710.4	8,235.3
18,770.5	17,001.4	13,553.5	10,919.4	9,851.3	8,286.4
18,914.4	17,047.4	13,553.5	10,919.4	9,943.8	8,344.1
19,512.1	17,515.7	13,862.1	11,169.0	10,426.4	8,792.1
19,950.8	17,864.1	13,862.1	11,169.0	10,462.6	8,793.7
21,913.8	19,765.8	13,862.1	11,169.0	11,251.3	9,323.5

Table 16.10 – LOANS GRANTED BY DEVELOPMENT

(In million

Period	Total	Agriculture, fisheries & forestry	Mining and quarrying	Manufacturing
1965	134.6	62.2	0.3	36.5
1970	162.0	64.9	1.0	44.8
1971	116.6	61.5	0.4	16.7
1972	181.1	100.0	1.2	39.3
1973	326.3	160.2	0.7	88.4
1974	854.3	255.7	1.6	269.8
1975	2,822.5	822.4	32.5	491.8
1976	2,608.3	892.9	341.9	507.8
1977	2,951.3	624.6	735.3	825.2
1978	3,539.9	617.2	500.2	1,328.1
1979	4,860.8	830.3	46.8	3,098.1
1980	6,084.5	833.5	812.7	2,323.1
1981	6,679.6	1,099.6	1,290.1	2,349.9
1982	7,170.7	1,047.4	753.0	2,486.9
1983	8,227.7	431.2	1,138.4	1,941.8
1984	3,957.6	426.4	18.5	500.7
1985	3,095.8	414.4	41.9	587.7
1986	6,253.5	936.5	5.6	560.3
1987	7,647.8	1,144.8	13.7	804.5
1988	10,677.9	1,652.6	5.2	2,293.5
1989	14,741.4	1,693.6	28.1	2,454.1
1990	14,269.6	1,588.9	28.3	3,267.2
January	1,513.3	112.4	0.2	196.2
February	2,208.8	128.1	0.4	686.9
March	1,006.6	119.0	3.3	155.2
April	1,251.7	97.8	3.6	201.1
May	692.9	196.0	1.2	243.4
June	1,014.5	82.6	6.7	219.9
July	1,212.5	124.4	1.5	429.0
August	789.3	101.8	4.7	218.7
September	1,039.0	173.7	1.0	279.8
October	905.2	110.1	3.8	196.4
November	1,462.5	157.5	1.5	276.1
December	1,173.3	185.5	0.4	164.5

Source: Central Bank of the Philippines.

BANKS CLASSIFIED BY INDUSTRY: 1965 TO 1990
pesos)

Construction	Real estate	Transportation Storage & Communication	Financing Insurance & Business Services	Community, Social & Personal Services
0.1	7.6	12.2	1.8	13.9
1.3	9.0	37.6	3.0	0.4
0.5	22.1	6.3	2.6	6.5
0.1	27.4	7.3	2.4	3.4
1.2	45.8	11.9	3.7	14.4
1.3	165.2	145.0	7.0	8.7
9.7	1,076.7	322.4	9.5	57.5
13.1	562.4	232.2	17.5	40.5
0.7	122.5	339.7	223.6	79.7
2.4	514.2	476.4	72.8	28.6
8.2	531.0	122.2	94.2	130.0
9.4	1,012.0	691.7	256.7	145.4
17.4	1,105.5	438.7	293.9	84.5
158.8	1,146.2	520.1	1,003.7	54.6
287.4	1,678.9	319.9	2,429.9	0.2
45.2	1,099.1	799.6	1,068.1	0.0
32.2	303.1	181.6	1,534.9	0.0
19.5	199.3	57.2	2,588.5	1,886.6
52.5	224.9	35.8	4,600.5	771.1
236.3	552.8	364.6	4,560.1	1,012.8
261.1	956.6	2,278.3	7,069.6	1,737.1
405.0	1,050.6	3,145.7	4,783.9	...
12.9	61.6	1,078.9	51.1	...
35.2	60.5	1,080.3	217.4	...
18.0	87.7	566.5	56.9	...
4.0	54.0	43.3	847.9	...
6.0	50.1	25.6	170.6	...
11.4	91.5	22.8	579.6	...
41.9	48.3	30.3	537.1	...
16.7	110.2	49.2	288.0	...
24.7	113.7	29.6	416.5	...
122.9	90.4	19.1	362.5	...
15.6	111.4	76.1	824.3	...
95.7	171.2	124.0	432.0	...

Table 16.11 – TOTAL AGRICULTURAL CREDITS GRANTED BY

(In thousand

	Total	Palay or rice	Sugar	Corn	Coconut	Tobacco	Coffee and cocoa
1965	53,667	15,506	7,420	843	10,962	285	441
1970	60,436	19,814	9,395	1,180	12,764	460	155
1975	618,105	239,944	30,387	17,993	47,330	764	1,455
1976	676,549	277,741	33,589	23,013	47,668	539	2,024
1977	572,972	223,868	17,868	36,446	57,314	373	2,318
1978	520,513	133,370	12,062	52,140	62,782	203	5,873
1979	730,949	94,291	8,559	22,364	61,789	399	6,769
1980	696,557	96,747	9,964	14,846	61,681	341	21,545
1981	226,067	70,924	12,937	1,127	21,008	243	4,019
1982	819,300	200,849	27,000	9,491	69,063	1,053	11,520
1983	373,949	96,059	20,571	4,097	21,915	547	8,762
1984	330,169	41,605	22,779	53	6,304	97	2,785
1985	308,516	48,486	49,364	898	10,847	337	7,914
1986	760,187	184,843	98,574	3,589	23,775	173	8,209
1987	886,239	242,782	99,603	15,968	44,221	971	18,590
1988	1,390,043	295,162	148,156	3,935	12,149	137	22,243
1989	1,454,601	332,362	128,416	21,429	21,879	188	11,368
1990	1,331,880	359,746	215,966	13,700	18,463	3,596	3,491
January	98,633	19,232	41,290	71	805	0	229
February	106,795	22,606	14,072	245	197	1,592	55
March	97,100	22,684	14,602	308	321	0	133
April	91,371	32,681	21,260	417	610	0	144
May	169,974	37,539	12,082	765	377	0	64
June	71,169	26,525	9,230	1,251	2,084	0	2,167
July	114,901	20,800	22,820	581	2,697	2,000	137
August	68,834	8,637	10,375	0	0	0	0
September	140,365	25,748	26,867	2,049	3,751	4	136
October	93,848	35,475	14,341	685	2,823	0	140
November	128,818	58,687	14,771	7,036	2,688	0	144
December	150,072	49,132	14,256	292	2,110	0	142

1 This consists of the Development Bank of the Philippines and Private Banks before adjustments reduction and/or cancellation of loan approval).

2 Includes mango, soybeans, banana and cotton.

Source: Central Bank of the Philippines.

DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1990
pesos)

Cassava & other root crops	Abaca	Ramie	Other fibers	Citrus	Pine-apple	Other fruits and vegetables	Salt farming	Livestock and poultry
13	924	12	23	592	5	1,016	268	11,583
53	63	0	0	132	120	920	368	12,615
74	7,554	210	6	3,331	0	8,181	212	234,973
10	11,614	43	264	2,217	0	15,985	184	222,271
91	7,404	7	171	1,744	504	7,742	73	155,490
479	2,663	5	320	1,669	42,864	5,043	457	129,963
127,003	1,799	5	1,163	2,275	1,109	8,155	514	184,251
10,319	1,703	96	924	2,046	181	6,872	1,194	290,616
356	0	30	0	483	0	1,634	778	75,955
2,930	1,406	50	1,848	986	520	7,824	3,351	227,577
784	433	135	3,789	1,002	664	1,957	5,280	137,569
1,007	0	0	500	326	0	8,853	348	73,567
663	589	10	11	414	137	9,670	2,513	103,967
2,355	835	2,100	9	1,834	7,500	5,619	1,103	160,230
412	241	759	82	1,002	0	5,553	1,459	304,653
2,657	162	511	50	1,046	0	9,437	3,053	342,549
5,017	1,488	0	0	1,235	12	1,081	12,234	621,259
3,133	1,281	133	10	1,603	81	5,728	516	41,721
24	61	133	0	76	0	258	25	32,923
210	100	0	0	8	81	123	169	54,175
45	11	0	0	27	0	724	1	16,639
250	11	0	0	60	0	140	0	28,129
701	11	0	10	10	0	128	0	38,234
758	133	0	0	126	0	901	54	21,819
370	428	0	0	278	0	678	52	22,601
0	0	0	0	0	0	160	0	42,587
273	127	0	0	777	0	461	52	72,166
255	131	0	0	79	0	726	54	31,810
128	135	0	0	81	0	587	55	28,591
119	133	0	0	81	0	842	54	27,537

Table 16.11 – TOTAL AGRICULTURAL CREDITS GRANTED BY DEVELOPMENT BANKS, CLASSIFIED BY PRODUCTS: 1965 TO 1990 (continued)
(In thousand pesos)

Period	Hunting strapping & game propa-gation	Fertl-izer seed-lings	Farm imple-ments	Rubber planta-tion	Tree (farming for the produc-tion of paper)	Sorghum (for chicken and poultry feed)	Grapes	Grains proces-sing & storage	Others[2]
1965	0	635	2,137	107	0	0	0	0	895
1970	11	894	516	471	0	0	0	0	505
1975	181	2,671	3,016	2,747	4,619	187	2,615	0	9,655
1976	72	3,740	11,112	9,684	399	42	50	0	14,288
1977	8	2,014	4,237	7,964	3,227	749	45	34,774	8,541
1978	10	2,743	3,796	16,269	3,356	1,338	15	35,578	7,515
1979	102	2,295	2,887	12,603	3,845	1,070	120	27,370	160,212
1980	407	4,448	5,651	30,868	29,693	326	0	68,449	37,640
1981	0	7,972	7,117	0	0	0	0	0	21,484
1982	563	11,056	5,363	6,084	4,457	0	0	12,111	214,198
1983	0	8,433	4,959	3,244	0	15	42	0	53,692
1984	10	13,955	2,889	9,555	13	0	0	0	145,523
1985	0	4,197	5,123	107	182	0	0	1,098	61,989
1986	1,425	30,193	12,441	1,914	0	0	0	8,086	205,380
1987	497	28,773	13,556	14,852	100	0	0	1,722	90,443
1988	0	5,364	12,452	2,358	4,106	0	0	2,274	522,242
1989	7,400	28,187	37,171	15	0	0	0	0	222,960
1990	1,147	75,434	25,549	1,358	0	0	0	0	183,734
January	0	352	490	0	0	0	0	0	2,664
February	1,147	6,193	3,879	0	0	0	0	0	1,943
March	0	730	4,639	0	0	0	0	0	36,236
April	0	2,095	1,724	0	0	0	0	0	3,850
May	0	58,684	2,353	0	0	0	0	0	19,016
June	0	444	994	150	0	0	0	0	4,533
July	0	3,331	1,137	1,000	0	0	0	0	35,991
August	0	98	595	0	0	0	0	0	6,382
September	0	737	1,251	208	0	0	0	0	5,758
October	0	161	836	0	0	0	0	0	6,332
November	0	2,095	738	0	0	0	0	0	13,082
December	0	514	6,913	0	0	0	0	0	47,947

Table 16.12 – 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 16.13 – 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
1990	3,123.7	258.3	1,220.5	566.9	0.0

a Includes foreign currency loan.

Source: Development Bank of the Philippines.

TOTAL RESOURCES OF THE DEVELOPMENT BANK OF THE PHILIPPINES: TO CY 1990
annual increase in percent)

Educational assistance loans	Subscriptions to capital stocks/rural banks	Advances and subscriptions to capital stock private development banks	Financial rehabilitation loans	Equities and other investment	Bank resources
0.5	1.6	0.0	0.0	0.0	352.7
0.0	5.6	4.5	0.0	0.0	510.6
0.0	5.4	9.4	0.0	0.0	1,208.7
0.0	1.9	6.3	0.0	0.0	3,276.5
0.0	9.8	29.0	0.0	211.8	7,837.9
0.0	10.9	39.8	0.0	84.4	11,087.7
0.0	8.3	45.3	0.0	151.8	12,607.3
1.7	6.4	62.6	0.0	265.8	15,605.5
2.3	0.0	57.5	0.0	401.8	18,024.5
3.9	0.0	97.3	39.5	1,350.2	21,893.0
4.5	0.0	151.1	0.0	1,171.1	27,086.2
4.2	0.0	184.3	0.0	2,743.8	34,706.8
7.0	11.4	220.2	0.0	2,831.1	43,988.5
6.3	5.6	158.0	0.0	1,255.2	54,934.0
5.8	0.9	42.5	0.0	7,495.8	65,459.6
6.2	0.0	0.0	0.0	0.0	72,043.0
3.0	0.0	0.0	0.0	0.3	9,503.6
2.6	0.0	0.0	0.0	0.0	10,531.6
0.0	0.0	0.0	103.0	421.4	11,431.1
0.0	0.0	0.0	0.0	0.0	11,322.0
0.3	0.0	0.0	10.0	1,067.7	13,348.0

Table 16.14 – FINANCIAL CONDITION OF THE GOVERNMENT

(In million

Year	Assets						Res		
	Total	Social[1] insurance fund	Optional Life[2] insurance fund	General[3] insurance fund	Medicare[4] insurance fund	Employees Compensation insurance fund	Total	Social insurance fund	Optional[2] Life insurance fund
1970-1971	2,905.0	2,851.0	0.0	54.0	0.0	0.0	2,769.3	2,755.1	0.0
1971-1972	3,390.8	3,327.8	0.0	63.0	0.0	0.0	3,073.3	3,054.2	0.0
1972-1973	3,614.7	3,482.8	0.0	79.6	52.3	0.0	3,343.4	3,289.5	0.0
1973-1974	4,008.2	3,848.0	0.0	106.3	53.9	0.0	3,658.2	3,613.0	0.0
1974-1975	4,425.6	4,212.2	0.0	151.1	50.8	11.5	4,036.5	3,990.3	0.0
1976	6,339.4	5,825.5	0.0	402.1	35.8	76.0	5,152.2	5,082.4	0.0
1977	6,751.4	6,073.5	0.0	520.4	24.6	132.9	5,563.9	5,559.7	0.0
1978	7,833.3	6,815.8	299.6	505.6	12.5	199.8	6,393.5	5,819.2	286.1
1979	8,137.0	7,080.0	351.4	403.6	49.4	252.6	7,246.6	6,653.0	290.0
1980	9,245.5	8,018.2	364.3	484.0	78.2	300.8	8,210.7	7,525.6	281.5
1981	10,943.8	9,688.7	411.5	563.1	21.3	259.2	9,789.1	8,926.4	295.4
1982	13,312.3	11,895.5	440.0	678.2	56.2	242.4	11,514.0	10,541.7	308.6
1983	14,610.0	13,090.8	446.6	685.4	100.8	286.4	12,959.7	11,757.2	376.9
1984	15,641.7	13,802.5	498.2	865.8	134.7	340.5	13,916.1	12,311.8	448.7
1985	16,752.9	14,382.3	598.0	1,014.0	303.0	455.6	15,225.3	13,327.4	534.5
1986	19,326.2	15,588.5	730.8	2,183.3	388.4	435.2	18,113.9	16,430.7	489.7
1987	22,537.5	17,717.0	873.0	3,061.0	462.0	424.5	18,931.9	16,648.9	596.7
1988	24,899.5	20,885.0	1,081.7	1,990.8	531.3	410.7	21,537.3	19,246.8	608.7
1989	29,106.8	23,803.0	1,395.2	2,842.3	689.9	376.4	24,481.2	21,773.3	757.6
1990	35,534.9	28,622.8	1,605.8	3,973.5	833.5	499.3	29,403.6	26,159.0	869.1

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

2 Started operation 1978.

3 Refers to Property Insurance Fund prior to 1973.

4 Started operation 1973.

5 Started operation March 1975

a Net of Interfund borrowing/lending.

Source: Government Service Insurance System.

SERVICE INSURANCE SYSTEM: FY 1970–1971 TO CY 1990
pesos)

erves			Surplus a					
General 3 insurance fund	Medicare insurance fund	Employees 5 Compensation insurance fund	Total	Social insurance fund	Optional Life insurance fund	General insurance fund	Medicare insurance fund	Employees Compensation insurance fund
14.2	0.0	0.0	51.6	38.1	0.0	13.5	0.0	0.0
19.1	0.0	0.0	63.8	54.3	0.0	9.5	0.0	0.0
18.5	35.4	0.0	79.1	46.3	0.0	23.6	9.2	0.0
9.6	35.6	0.0	104.7	29.5	0.0	57.6	17.6	0.0
9.5	35.4	1.3	133.5	29.2	0.0	80.2	14.2	9.9
13.7	45.1	11.0	472.7	240.8	0.0	177.6	(10.3)	64.6
4.2	0.0	0.0	551.2	252.7	0.0	207.0	(21.6)	113.1
217.7	44.3	26.2	439.2	271.1	10.7	31.8	(34.7)	160.3
217.8	52.2	33.6	543.7	218.9	57.4	66.6	(12.5)	213.3
263.3	83.9	56.4	672.1	250.1	74.0	121.0	(12.7)	239.7
320.5	104.7	142.1	782.5	291.7	120.2	146.1	8.9	215.6
367.2	120.6	175.9	992.2	327.4	163.9	163.8	70.9	266.2
464.3	144.8	216.5	937.7	219.0	126.2	178.6	128.2	285.7
535.9	218.2	401.5	672.3	218.9	99.5	177.6	79.5	96.8
676.8	240.2	446.4	521.5	218.9	85.7	142.0	74.9	0.0
711.6	174.4	307.5	(562.0)	(1,618.0)	224.8	534.6	195.1	101.5
886.0	385.0	415.3	1,034.0	219.0	261.0	519.0	35.0	0.0
830.1	436.4	415.3	1,415.0	219.0	455.1	729.2	56.3	(44.6)
992.4	542.7	415.2	2,259.7	1,039.9	524.0	655.7	81.7	(41.6)
1,316.1	598.4	461.0	3,389.3	1,693.7	726.3	759.3	194.9	15.1

Table 16.15 – TREND OF INVESTMENTS OF THE GOVERNMENT SERVICE INSURANCE SYSTEM: FY 1955-56 TO CY 1990
(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
1990	23,635.9	7,756.8	1,625.8	2,217.4	7,241.9	4,794.0

1 Includes educational assistance loans, backpay certificates, Fly PAL Pay Later Plan and/or miscellaneous investments.

Source: Government Service Insurance System.

Figure 16.5
SOURCES AND APPLICATION OF FUND OF THE GSIS
1981-1990

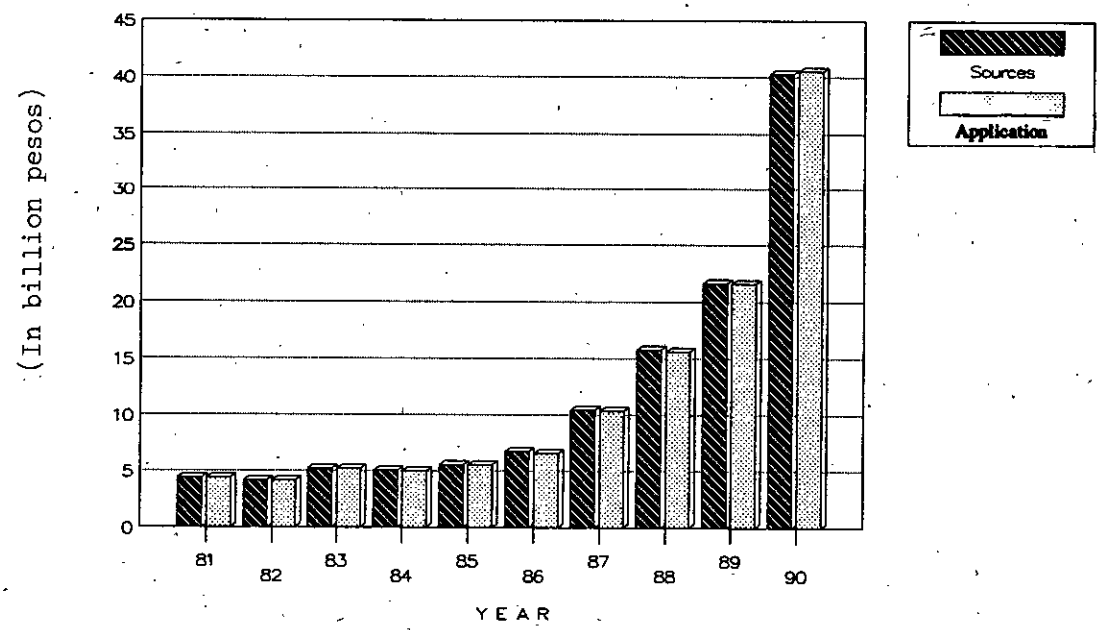

Figure 16.6
REVENUES AND EXPENDITURES OF THE SSS, 1981-1990

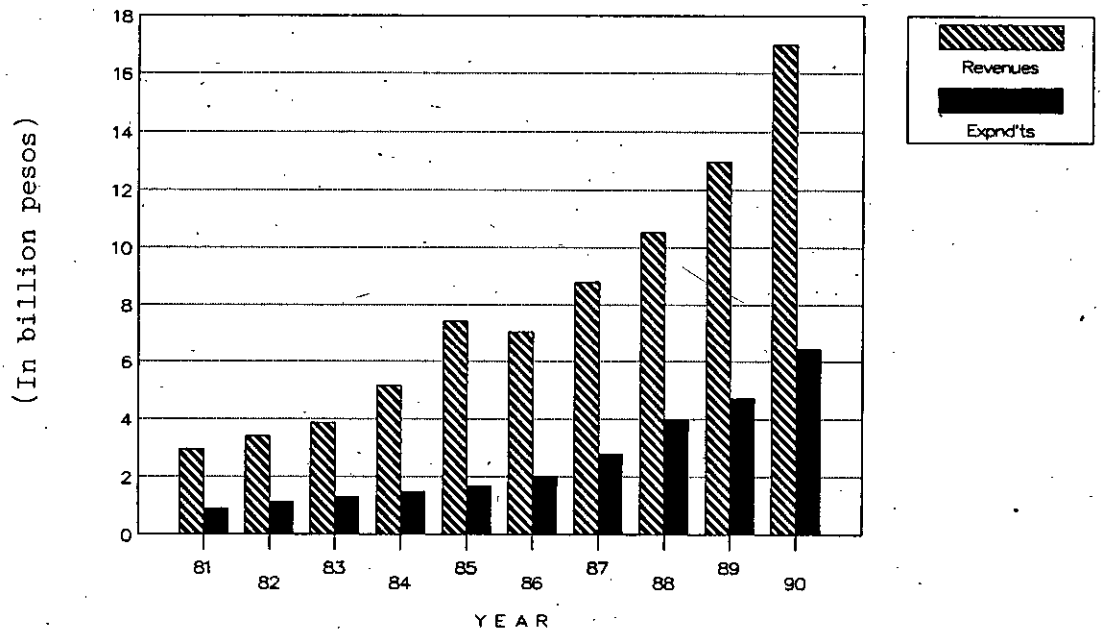

Table 16.16 – SOURCES AND APPLICATION OF FUNDS OF THE

(In million

	SOURCES				
		Receipts			
Year	Cash balance, beginning	Insurance premiums	Repayments of investments	Others	Total funds available
1970–71	(33.2)	386.5	522.0	302.4	1,177.7
1971–72	(0.8)	483.8	476.6	505.1	1,464.7
1972–73	(6.0)	520.8	433.3	379.2	1,327.3
1973–74	16.6	530.2	530.2	464.1	1,541.1
1974–75	(35.7)	632.2	818.1	386.8	1,801.4
1976 [a]	(88.8)	212.6	115.0	534.3	773.1
1977	(69.4)	915.3	685.7	332.2	1,863.8
1978	(38.6)	1,159.0	579.6	488.9	2,188.9
1979	(12.8)	1,425.9	1,129.1	471.0	3,013.2
1980	64.0	1,730.4	1,041.2	307.1	3,142.7
1981	148.1	2,224.1	1,633.5	382.7	4,388.4
1982	3.9	2,312.6	1,496.8	383.8	4,197.1
1983	8.6	2,494.6	2,244.7	530.5	5,278.4
1984	31.1	2,445.8	2,201.1	383.5	5,061.5
1985	46.1	2,841.6	2,184.6	513.9	5,586.2
1986	(2.1)	3,051.2	3,148.0	578.4	6,775.5
1987	176.0	4,093.0	5,684.3	518.0	10,471.3
1988	94.5	4,367.0	10,499.0	836.4	15,797.0
1989	169.0	5,120.2	15,016.5	1,353.8	21,659.4
1990	563.2	7,081.2	30,887.5	1,758.1	40,290.0

a 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 1990
pesos)

APPLICATION				
Disbursements				
Claims & benefits payments	Investments	Operating expenses and other miscellaneous disbursements	Others	Total funds applied
224.1	602.7	195.4	156.4	1,178.6
254.9	642.6	141.7	447.2	1,486.4
398.9	672.1	74.3	165.6	1,310.9
427.2	847.8	108.9	192.9	1,576.8
411.3	866.6	142.8	427.3	1,848.0
235.4	507.2	25.2	74.7	842.5
467.5	974.1	99.7	361.1	1,902.4
668.5	1,147.2	143.2	242.8	2,201.7
726.9	1,595.1	328.3	298.9	2,949.2
699.0	1,793.9	237.4	264.4	2,994.7
794.0	2,709.6	241.9	639.0	4,384.5
922.7	2,310.4	284.5	670.9	4,188.5
1,025.4	2,479.6	332.4	1,410.0	5,247.4
1,061.7	2,823.3	285.1	845.2	5,015.3
1,470.4	2,726.5	491.2	900.2	5,588.3
1,567.3	3,772.5	605.7	654.1	6,599.6
1,817.4	7,317.3	453.5	788.7	10,376.9
1,996.9	12,315.0	554.3	761.8	15,628.0
2,756.8	17,711.1	726.0	403.1	21,597.0
3,546.0	35,662.0	687.0	638.0	40,533.0

Table 16.17 – EXPENDITURES OF THE SOCIAL SECURITY SYSTEM BY SOURCE: 1960 TO 1990
(In million pesos)

Year	Total Expenditure	Total benefit payments [1]	Administration			
			Total	SSS	Medicare	Employees' compensation
1960	7.7	4.1	3.6	3.6	–	–
1965	24.9	14.4	10.5	10.5	–	–
1970	73.3	49.0	24.3	24.3	–	–
1975	336.1	278.9	57.2	53.6	3.0	0.6
1976	402.1	335.5	66.6	60.9	3.8	1.9
1977	399.8	337.0	62.8	55.7	4.4	2.7
1978	553.0	478.7	74.3	69.4	3.2	1.7
1979	665.5	576.7	88.8	83.2	3.7	1.9
1980	752.8	660.4	92.4	86.3	3.8	2.3
1981	895.7	791.5	104.2	92.6	7.0	4.6
1982	1,129.1	1,016.0	113.1	100.6	7.1	5.4
1983	1,299.2	1,174.2	125.0	112.0	7.3	5.7
1984	1,479.9	1,315.7	164.2	143.0	9.0	12.2
1985	1,691.4	1,531.4	160.0	140.5	9.1	10.4
1986	2,031.3	1,829.8	201.5	161.4	27.3	12.8
1987	2,802.0	2,534.7	267.3	219.3	34.7	13.3
1988	4,005.2	3,654.9	350.3	293.6	42.0	14.7
1989	4,730.2	4,266.3	463.9	400.0	44.4	19.5
1990	6,427.9	5,871.5	556.4	475.7	60.2	20.5

1 See Table 12.5 for breakdown by type of fund.

Source: Social Security System

Table 16.18 – ASSETS, INVESTMENTS AND EARNINGS OF THE SOCIAL SECURITY SYSTEM[1] : 1960 TO 1990
(In million pesos)

Year	Year-end assets	Annual increase %	Year-end investments	Annual increase %	Yearly earnings	Annual increase %
1960	110.7	0.00	108.5	0.00	3.6	0.00
1965	471.8	33.64	428.8	31.63	19.5	40.20
1970	1,128.2	19.05	1,085.5	20.41	66.4	27.77
1971	1,330.6	17.94	1,265.8	16.61	79.3	19.43
1972	1,572.3	18.16	1,519.2	20.02	99.4	25.35
1973	1,949.2	23.97	1,890.5	24.44	128.6	29.38
1974	2,388.9	22.56	2,348.8	24.24	173.3	34.76
1975	2,997.0	25.46	2,915.5	24.13	220.1	27.01
1976	3,696.1	23.33	3,597.0	23.38	284.3	29.17
1977	4,539.7	22.82	4,348.1	20.88	378.4	33.10
1978	5,512.4	21.43	5,276.7	21.36	473.4	25.11
1979	6,750.7	22.46	6,608.6	25.24	583.7	23.30
1980	8,220.7	21.78	8,066.3	22.06	779.5	33.54
1981	9,958.2	21.14	9,711.3	20.39	1,013.6	30.03
1982	11,834.0	18.84	11,538.5	18.82	1,270.5	25.35
1983	13,936.6	17.77	13,633.2	18.15	1,577.0	24.12
1984	17,155.9	23.10	16,449.0	20.65	2,573.0	63.16
1985	22,245.8	29.67	21,121.5	28.41	4,335.6	68.50
1986	26,155.1	17.57	25,290.7	19.74	3,961.4	(8.63)
1987	31,092.0	18.88	29,900.3	18.23	3,837.1	(3.14)
1988	36,229.6	16.52	35,422.8	18.47	4,385.2	14.28
1989	42,940.0	18.52	41,765.0	17.90	5,475.8	24.87
1990	51,528.5	20.00	50,112.1	19.99	7,643.4	39.59

1 Excludes Medicare and Employees' Compensation

Source: Social Security System

Table 16.19 – REVENUES OF THE SOCIAL SECURITY SYSTEM BY SOURCE: 1960 to 1990
(In million pesos)

Year	Total Revenue	Total Contributions	Earnings				Others			
			Total	SSS	Medicare	Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
1960	50.1	45.9	3.6	3.6	0.0	0.0	0.6	0.6	0.0	0.0
1965	118.7	97.4	19.5	19.5	0.0	0.0	1.8	1.8	0.0	0.0
1970	236.8	168.8	66.4	66.4	0.0	0.0	1.6	1.6	0.0	0.0
1975	940.4	702.3	235.1	220.1	12.8	2.2	3.0	3.0	0.0	0.0
1976	1,164.9	839.6	308.0	284.3	13.8	9.9	17.3	17.2	0.0	0.1
1977	1,380.3	952.9	411.5	378.4	14.8	18.3	15.9	14.3	0.6	1.0
1978	1,641.1	1,104.6	518.5	473.4	16.9	28.2	18.0	16.8	0.0	1.2
1979	2,117.9	1,445.5	649.9	583.7	22.9	43.3	22.5	21.5	0.3	0.7
1980	2,525.8	1,617.7	887.3	779.5	38.3	69.5	20.8	18.7	1.1	1.0
1981	2,968.2	1,785.9	1,170.6	1,013.6	60.5	96.5	11.7	10.4	0.7	0.6
1982	3,402.2	1,900.3	1,486.4	1,270.5	84.0	131.9	15.5	13.0	1.6	0.9
1983	3,865.9	1,988.3	1,859.7	1,577.0	109.3	173.4	17.9	14.6	2.2	1.1
1984	5,156.1	2,112.2	3,029.5	2,573.0	188.0	268.5	14.4	12.0	1.5	0.9
1985	7,437.7	2,187.3	5,236.4	4,335.6	365.1	535.7	14.0	11.8	1.4	0.8
1986	7,049.8	2,221.4	4,815.5	3,961.4	355.8	498.3	12.9	10.7	1.4	0.8
1987	8,786.5	4,158.2	4,610.1	3,837.1	334.5	438.5	18.8	17.0	1.4	0.4
1988	10,523.9	5,172.1	5,342.0	4,386.9	406.6	548.5	9.0	8.0	0.7	0.3
1989	12,969.0	6,150.9	6,786.0	5,475.8	554.1	756.1	32.2	27.0	2.9	2.3
1990	16,986.0	7,354.3	9,601.7	7,643.4	837.8	1,120.5	30.0	28.8	0.8	0.4

Source: Social Security System.

Figure 16.7
INVESTMENT PORTFOLIO OF THE SSS
1981-1990

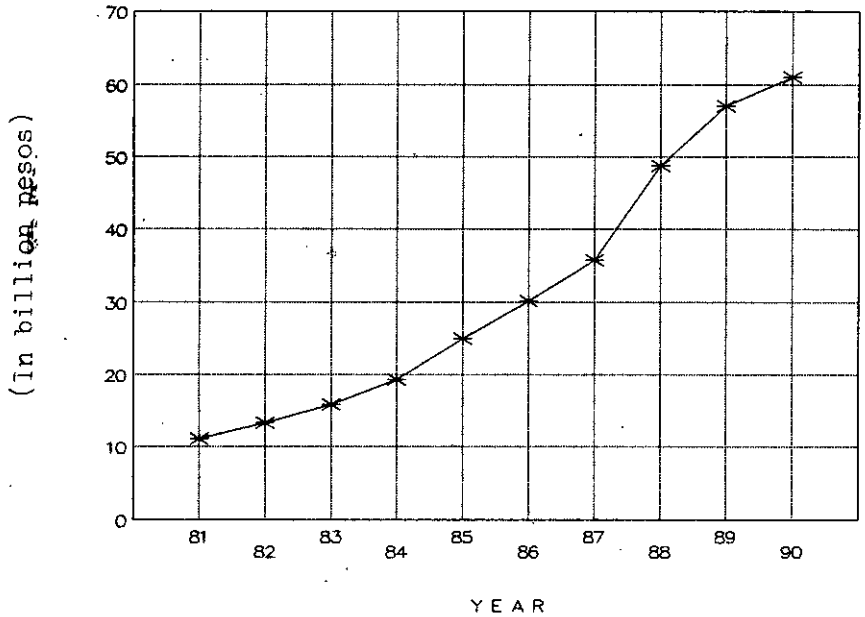

Figure 16.8
PERCENT DISTRIBUTION OF THE INVESTMENT PORTFOLIO
OF THE SSS BY TYPE, 1990

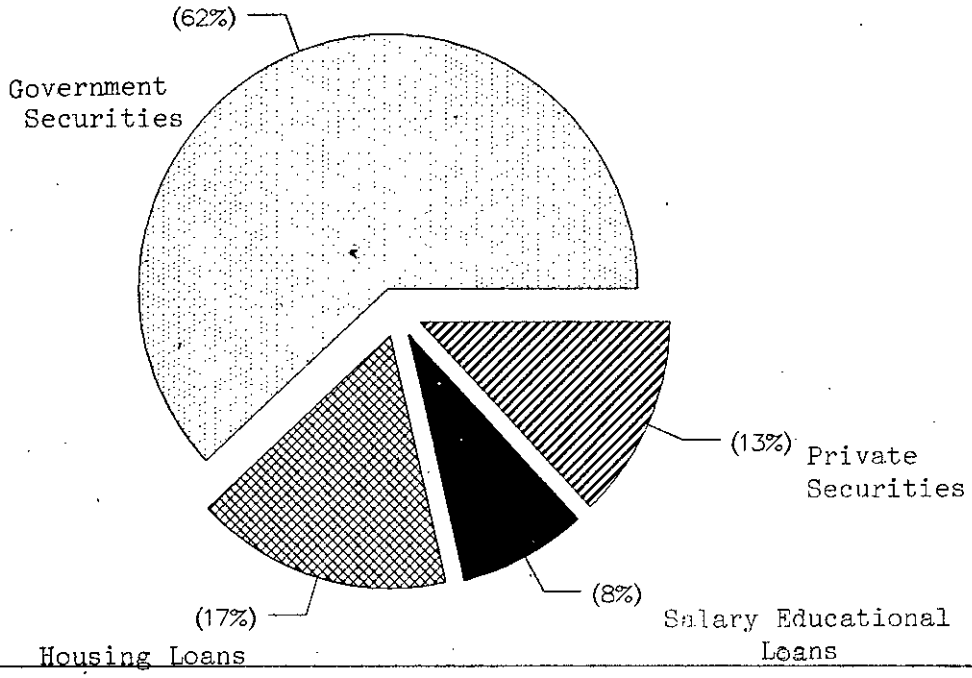

Table 16.20 – REVENUES, EXPENDITURES AND TRUST
SOCIAL SECURITY SYSTEM:
(In million

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
1990	16,986.0	13,935.1	1,616.0	1,434.9	6,428.9	5,447.8

1 Refers to increase in Trust Fund which is equal to revenues minus expenditures.

Source: Social Security System.

FUND GENERATED FROM THE OPERATIONS OF THE
1970 TO 1990
pesos)

tures		Trust Fund [1]			
Medicare	Employees' Compensation	Total	SSS	Medicare	Employees' Compensation
–	–	162.5	162.5	–	–
–	–	199.7	199.7	–	–
8.1	–	282.6	232.9	49.7	–
28.2	–	455.9	376.2	79.7	–
122.9	–	421.3	425.7	(4.4)	–
129.5	4.4	616.6	554.2	5.3	57.1
165.5	12.2	762.9	691.2	(11.1)	82.8
142.0	17.2	980.5	852.2	28.8	99.5
181.4	20.7	1,088.0	960.9	9.2	117.9
212.1	26.5	1,452.4	1,233.0	75.7	143.7
207.6	31.6	1,773.7	1,471.9	122.3	179.5
221.7	40.8	2,073.3	1,711.2	153.2	208.9
258.6	44.7	2,272.3	1,863.0	157.6	251.7
266.7	55.1	2,566.7	2,088.5	185.4	292.8
248.4	71.2	5,746.4	4,666.3	425.8	654.3
273.5	78.0	5,019.3	4,028.4	386.9	604.0
306.4	93.2	6,037.8	4,946.1	497.3	594.4
385.0	102.0	5,984.9	4,894.9	496.4	593.6
516.5	143.7	6,516.2	5,335.8	506.8	673.6
493.9	173.0	8,238.2	6,561.0	794.2	883.0
770.7	210.4	10,557.0	8,487.2	845.3	1,224.5

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
1990	61,030.6	50,112.1	31,040.4	8,330.9

Source: Social Security System

SOCIAL SECURITY SYSTEM: 1965 TO 1990
pesos)

rity	System			
Salary educational loans	Other service loans	Private securities	Medicare	Employees' compensation
19.1	0.0	79.7	0.0	0.0
115.1	6.9	78.6	0.0	0.0
130.6	10.2	73.5	0.0	0.0
133.8	12.4	78.8	48.1	0.0
164.6	15.0	95.0	123.9	0.0
209.1	15.2	130.5	127.5	0.0
240.5	14.9	123.4	144.9	57.7
309.0	17.1	127.2	115.3	144.7
369.9	20.6	121.9	144.5	237.0
427.9	24.6	119.7	158.7	357.9
520.2	28.3	106.7	230.3	489.6
591.0	33.0	103.9	350.1	668.7
686.4	37.7	99.6	501.4	873.5
757.9	43.6	389.3	652.8	1,117.0
810.5	49.0	462.9	838.5	1,408.5
1,056.3	72.4	1,124.9	1,105.4	1,742.3
1,205.9	59.9	1,152.5	1,492.0	2,349.8
1,259.1	63.7	810.6	1,898.9	2,982.6
1,896.5	67.0	2,293.0	2,366.0	3,507.9
2,689.3	64.0	3,422.3	2,933.9	4,258.7
4,702.2	65.7	5,269.1	3,754.2	5,163.0
4,063.6	159.6	6,517.6	4,540.3	6,378.2

17 PUBLIC ORDER, SAFETY AND JUSTICE

This chapter deals with the statistics on the Criminal Justice System (CJS) in the country. The CJS has five organized components, namely: 1) law enforcement, 2) prosecution, 3) courts, 4) correction and 5) community. These components function in a cooperative venture, towards the fulfillment of the effective, efficient and fair administration of criminal justice.

Statistics on this sector were generated by various agencies under each components of the CJS. The Philippine National Police and the National Police Commision gathers and compiles data on law enforcement; the Department of Justice on prosecution; the Supreme Court on courts; the Bureau of Prisons on correction; and the Department of Interior and Local Government on community. Data was also gathered from the Public Attorney's Office.

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Table 17.1 – CRIME RATE BY TYPE OF CRIME, PHILIPPINES: 1978 TO 1989

Year	Index Crimes			Non-Index Crimes			Total		
	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila	Philippines	Metro Manila	Outside Metro Manila
1978	99.1	303.7	70.9	147.8	280.5	129.4	246.9	584.2	200.3
1979	120.3	288.4	96.9	132.3	167.5	127.4	252.6	455.9	224.3
1980	139.6	261.4	122.4	135.7	115.0	138.6	275.3	376.4	261.0
1981	159.9	208.5	153.1	128.3	100.0	132.3	288.2	308.5	285.4
1982	168.1	163.9	168.7	134.5	82.1	142.0	302.6	246.0	310.7
1983	178.7	156.3	181.9	129.4	62.4	139.0	308.1	218.7	320.9
1984	186.2	160.8	189.9	127.4	49.6	138.7	313.6	210.4	328.6
1985	184.5	176.0	185.7	126.2	61.6	135.6	310.7	237.6	321.3
1986	152.1	195.2	145.8	80.8	73.7	81.8	232.9	268.9	227.6
1987	144.6	204.9	135.7	72.8	80.7	71.6	217.4	285.6	207.3
1988	155.8	192.2	150.4	83.5	76.0	84.6	239.3	268.2	235.0
1989	157.8	202.9	151.1	91.3	93.1	91.1	249.1	296.0	242.2

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.

Figure 17.1
CRIME RATE BY TYPE OF CRIME
PHILIPPINES, 1981-1990

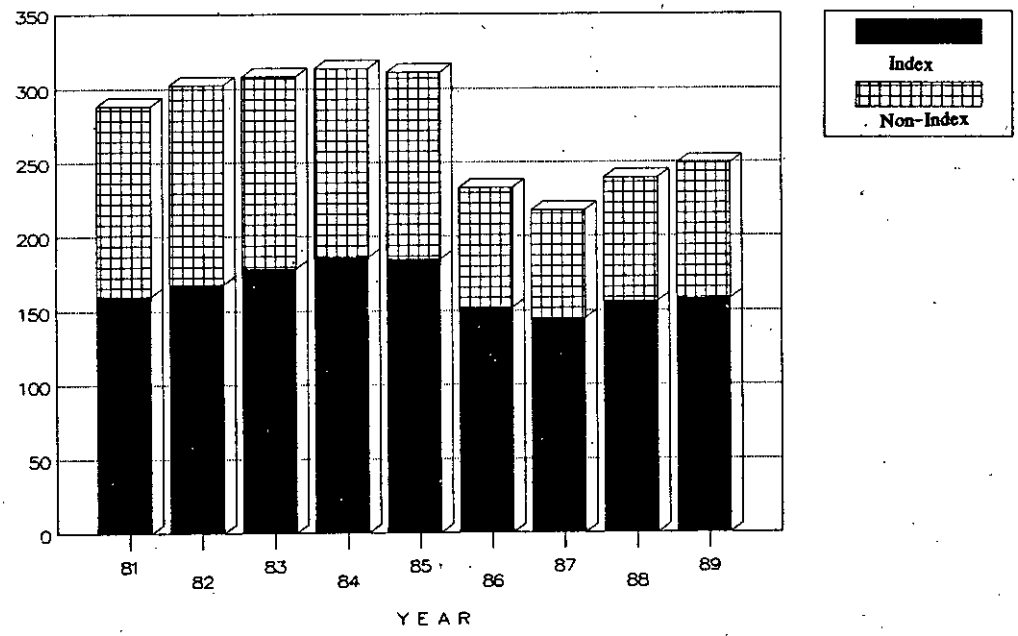

Table 17.2 – TRAFFIC ACCIDENTS AND DAMAGES: 1978 TO 1990

Year	Incidence	Deaths	Injuries (Slight/Serious)	Property Damage (In Pesos)
1978	53,861	1,500	22,081	40,548
1979	61,104	1,521	22,013	45,457
1980	66,946	1,997	24,860	50,439
1981	59,686	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	55,133	1,408	15,231	38,986
1989	47,903	1,427	13,941	37,276
1990	48,769	1,354	12,911	38,532 **

** as of November 1990.

Source: Philippine Constabulary, Constabulary Highway Patrol Group.

Table 17.3 – INCIDENCE OF FIRES AND DAMAGES: 1978 TO 1989

Year	Incidence	Deaths	Injuries	Property Damage (Million P)
1978	1,595	176	396	861.9
1979	1,004	91	351	1,141.3
1980	3,317	114	438	820.6
1981	4,851	140	341	630.2
1982	4,957	114	261	961.3
1983	7,442	148	387	861.4
1984	5,877	126	309	1,343.9
1985	4,790	105	255	1,370.5
1986	4,333	69	158	876.7
1987	4,222	120	206	1,093.0
1988	4,818	105	269	1,265.9
1989	6,019	90	250	1,231.8

Note: Data for 1979 – 1989 were revised due to change in the source of basic data from the Production Branch of the Intelligence Division to the Office of the Chief Marshall. The Office of the Chief Marshall has a wider fire incidents coverage while the Production Branch of the Intelligence Division covers mostly insurance-related fire-incidents.

Table 17.4 – RATIO OF POLICEMEN AND FIREMEN TO POPULATION: 1978 TO 1989

Year	Number (Policemen)	Ratio	Number (Firemen)	Ratio
1978	45,592	1,004:1	4,431	10,332:1
1979	45,713	1,029:1	4,469	10,524:1
1980	45,963	1.051:1	4,973	9,716:1
1981	47,863	1,035:1	4,973	9,961:1
1982	47,618 R	1,066:1	6,473	7,845:1
1983	48,225 R	1,079:1	6,473	8,042:1
1984	46,823 R	1,139:1	7,887	6,764:1
1985	48,809 R	1,120:1	7,714	7,087:1
1986	49,522 R	1,131:1	8,272	6,770:1
1987	50,810 R	1,129:1	8,654	6,628:1
1988	53,374 R	1,100:1	8,511	6,899:1
1989	53,300	1,128:1	8,563	7,018:1

R revised as of December 1990.

Note: Ratio of Population per policeman/fireman.

Source: Philippine Constabulary/Integrated National Police Personnel Div (PCC1).
National Statistics Office, Population Studies Division.

Table 17.5 – NUMBER OF RAIDS AND PERSONS ARRESTED ON DRUG INCIDENTS: 1978 TO 1989

Year	Raids	Persons Arrested
1979	953	1,151
1980	1,062	1,726
1981	1,849	3,100
1982	2,222	3,536
1983	1,619	2,421
1984	2,482	2,967
1985	2,206	3,358
1986	1,526	3,442
1987	2,058	3,062
1988	1,621	2,686
1989	1,922	2,781

Source: Dangerous Drug Board, Research and Statistics Division.

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-82	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/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

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-83	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/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

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-84	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/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 1990
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

BY TYPE OF COURT: 1983 to 1990 (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

BY TYPE OF COURT: 1983 to 1990 (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	...	892
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 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-85	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
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

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-86	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
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

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-87	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Intermediate Appelate Court	11,353	7,601	...	...
Sandigan Bayan	2,578	595	49	...
Court of Tax Appeals	645	98	...	...
Regional Trial courts	167,329	119,287	13,960	6,746
Metropolitan Trial Courts	34,527	50,655	4,405	1,119
Municipal Trial Courts in Cities	28,278	41,767	3,858	837
Municipal Trial Courts	50,122	49,618	3,055	670
Municipal Circuit Trial Courts	34,276	34,764	2,189	412
Shari'a District Courts	25	34	2	...
Shari'a Circuit Courts	72	164	26	16
Total	329,205	304,583	27,544	9,800

BY TYPE OF COURT: 1983 to 1990 (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

BY TYPE OF COURT: 1983 to 1990 (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

BY TYPE OF COURT: 1983 to 1990 (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 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-88	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Intermediate Appelate Court	11,144	8,994		
Sandigan Bayan	2,468	931	39	
Court of Tax Appeals	581	99		
Regional Trial courts	163,129	136,440	12,551	6,080
Metropolitan Trial Courts	27,542	55,259	3,080	822
Municipal Trial Courts in Cities	25,532	42,304	3,624	1,020
Municipal Trial Courts	45,485	51,567	2,426	742
Municipal Circuit Trial Courts	30,917	35,513	2,408	493
Shari'a District Courts	37	35	9	2
Shari'a Circuit Courts	110	198	17	
Total	306,945	331,340	24,154	9,159

Table 17.6 – INFLOW AND OUTFLOW OF CASES
(January to

Courts	Pending Cases as of 12-31-89	Case Inflow		
		Cases newly filed	Cases Revived/ Reopened	Cases rec'd from other Sala/Court
Intermediate Appelate Court	11,825	10,616		
Sandigan Bayan	2,643	2,333	67	
Court of Tax Appeals	466	111		
Regional Trial courts	159,726	134,577	13,386	9,381
Metropolitan Trial Courts	23,579	47,052	3,186	890
Municipal Trial Courts in Cities	21,766	43,147	3,320	669
Municipal Trial Courts	43,140	51,497	2,660	666
Municipal Circuit Trial Courts	28,750	34,304	2,121	312
Shari'a District Courts	55	41	5	
Shari'a Circuit Courts	183	157	28	30
Total	292,133	323,835	24,773	11,948

BY TYPE OF COURT: 1983 to 1990 (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

BY TYPE OF COURT: 1983 to 1990 (continued)
December, 1990)

Case Outflow			
Cases Decided/ Resolved	Cases Archived	Cases transferred to other Salas/Courts	Pending Cases as of 12-31-90
9,842			12,599
1,950			3,093
155	28		394
107,990	44,501	11,577	153,002
27,560	26,907	1,520	18,720
33,353	14,329	915	20,305
37,372	11,627	11,343	37,615
25,026	7,857	7,535	25,069
19	3		79
172	18	22	186
243,439	105,270	32,912	271,062

Table 17.7 – CASES HANDLED AND TERMINATED BY THE PUBLIC ATTORNEY'S OFFICE: OCTOBER 1972 TO DECEMBER 1990

	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
1983	127,399	67,443
1984	112,527	44,879
1985	139,091	61,585
1986	155,788	79,643
1987	198,867	114,214
1988	217,555	128,446
1989	479,158	390,912
1990	1,295,085	1,231,537

Source: Public Attorney's Office.

Table 17.8 – CASES HANDLED, TERMINATED AND PENDING BY REGION: 1981 TO 1990

	1981			1982			1983		
Region	Handled	Terminated	Pending	Handled	Terminated	Pending	Handled	Terminated	Pending
Philippines	103,891	56,757	47,587	118,774	66,400	52,374	127,399	67,443	59,056
Central Office	6,854	3,919	2,935	8,232	4,585	3,647	7,661	2,353	4,408
NCR	9,898	6,297	3,601	11,586	7,367	4,219	20,001	12,595	7,406
1	10,257	4,925	5,332	12,052	5,762	6,290	11,893	5,151	6,742
2	4,278	1,629	2,649	4,300	1,906	2,394	4,109	1,510	2,599
3	15,742	7,858	7,884	17,103	9,194	7,909	14,562	7,135	7,427
4	9,127	4,585	4,542	10,201	5,365	4,836	10,262	4,310	5,952
5	7,077	2,825	4,252	8,131	3,305	4,826	8,987	3,719	5,268
6	6,961	3,828	3,138	7,406	4,473	2,933	9,034	4,951	4,083
7	5,952	3,416	2,536	7,025	3,997	3,028	7,748	4,496	3,252
8	7,573	4,183	3,390	9,431	4,894	4,537	7,244	4,254	2,990
9 A	407	79	328	516	242	274	334	127	207
B	4,118	3,046	1,072	4,329	3,414	915	3,223	1,985	1,238
10	6,545	4,617	1,928	7,783	5,402	2,381	11,579	8,876	2,703
11	5,329	3,329	2,000	6,014	3,895	2,119	6,051	3,600	2,451
12	3,773	2,221	2,000	4,665	2,599	2,066	4,711	2,381	2,330

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 17.8 – CASES HANDLED, TERMINATED AND PENDING BY REGION: 1981 TO 1990 (continued)

Region	1985 Handled	1985 Terminated	1985 Pending	1986 Handled	1986 Terminated	1986 Pending	1987 Handled	1987 Terminated	1987 Pending
Philippines	139,091	61,585	77,506	154,788	79,643	76,145	198,866	114,214	84,653
Central Office	6,050	2,544	3,506	5,110	2,420	2,690	3,494	1,044	2,451
NCR	21,934	9,926	12,008	22,323	10,792	11,531	31,745	18,703	13,042
1	14,555	4,351	10,204	15,327	4,357	10,970	18,694	6,387	12,307
2	4,047	841	3,206	2,695	895	2,800	4,221	1,636	2,585
3	18,462	10,237	8,225	26,542	15,340	11,202	44,233	31,475	12,758
4	13,109	4,110	8,999	16,043	7,584	8,459	21,598	12,540	9,058
5	10,371	3,816	6,555	11,673	5,532	6,141	12,221	5,401	6,820
6	12,896	7,117	5,779	13,894	7,877	6,017	12,564	6,368	6,196
7	6,637	2,478	4,159	7,346	3,500	3,846	7,857	3,989	3,868
8	7,137	3,988	3,149	7,349	4,844	2,505	8,101	4,802	3,299
9 A	409	113	296	290	170	120	353	145	208
B	3,860	2,043	1,817	3,618	1,962	1,656	6,106	4,059	2,047
10	8,588	4,500	4,088	9,586	6,655	2,931	11,681	8,386	3,295
11	5,179	2,299	2,880	5,815	3,566	2,249	8,384	5,171	3,213
12	5,857	3,222	2,635	7,177	4,149	3,028	7,614	4,108	3,506

Region	1988 Handled	1988 Terminated	1988 Pending	1989 Handled	1989 Terminated	1989 Pending	1990 Handled	1990 Terminated	1990 Pending
Philippines	217,555	128,446	89,109	453,158	390,912	88,238	1,295,085	1,231,537	63,548
Central Office	5,410	1,023	4,387	13,158	10,389	2,769	21,236	19,889	1,347
NCR	32,403	18,841	13,562	70,051	58,039	12,012	172,206	164,305	7,901
1	18,975	8,034	10,941	24,406	16,918	7,488	111,091	106,289	4,802
2	4,207	1,669	2,538	8,588	6,390	2,198	33,535	31,370	2,165
3	44,811	30,818	13,993	86,685	69,060	17,625	204,230	198,275	5,955
4	27,091	16,116	10,975	65,226	53,457	11,769	145,722	136,765	8,957
5	14,898	7,397	7,501	35,090	27,372	7,718	63,186	57,524	5,662
6	12,273	7,398	4,875	29,882	23,501	6,381	36,840	32,090	4,750
7	8,190	4,015	4,175	20,291	17,349	2,942	65,553	59,779	5,774
8	8,728	5,854	2,874	26,561	23,219	3,342	123,101	118,694	4,407
9 A	451	191	260	1,224	1,039	185	3,236	3,115	121
B	6,017	4,220	1,797	8,401	6,344	2,057	20,722	19,132	1,590
10	16,493	12,139	4,354	38,860	34,370	4,490	181,463	176,986	4,477
11	10,005	6,430	3,575	2,889	24,791	4,090	80,652	76,792	3,860
12	7,603	4,301	3,302	21,846	18,674	3,172	32,312	30,532	1,780

Table 17.9 – CLIENTELE ASSISTED BY THE PUBLIC ATTORNEY'S OFFICE: 1980 TO 1990

Services	1980	1981	1982	1985	1986	1987	1988	1989	1990
Indigent person served	115,448	114,280	130,651	153,000	171,367	218,753	239,311	479,158	111,091
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	127,479	134,139
Beneficiaries of legal counselling services	1,127,353	..	..	11,423	14,860	24,902	18,820	116,141	763,963

Table 17.10 – PERCENTAGES OF CASES HANDLED BY TYPE OF CASE: 1980 to 1989

Cases	1980	1981	1982	1985	1986	1987	1988	1989
Property	39.83	36.80	36.60	39.46	38.20	31.30	25.87	26
Persons	30.52	34.80	32.10	35.06	36.50	32.80	29.70	24
Personal Liberty & Security	6.90	6.60	6.40	1.67	2.20	3.50	6.20	8
Honor	4.92	4.80	4.40	1.52	2.00	4.20	3.80	3
Chastity	6.12	5.10	3.70	1.82	1.89	2.00	1.90	4
Public Order	4.52	2.20	2.40	0.43	0.62	1.50	3.50	2
Public Interest	1.70	1.40	0.40	0.51	0.42	0.63	0.48	3
Persons in Authority	...	...	0.46	1.98	0.18	5.59	8.20	7
Public Officials	...	...	0.15	4.46	0.35	2.64	2.30	3
Public Morals	...	...	2.80	0.25	1.25	1.29	6.20	3
Opium and relative to other prohibited drugs	0.12	2	1.55	6.92	1.10	4.50	0.45	5
Crime Status of person	0.23	0.32	0.05	4.85	0.65	0.50	4.30	2
Violation of Presidential Decrees	0.06	2.05	2.00	0.43	7.40	3.25	2.40	4
Violation of Ordinances	1.88	6.40	6.70	0.64	7.24	6.30	4.70	5
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

18 SCIENCE AND TECHNOLOGY

The main objective of this sector is to improve the existing science and technology statistics to help achieve the country's development objectives. The effort will cover the three broad categories of statistics for the sector, namely: research and experimental development statistics; scientific and technological education and training statistics; and scientific and technological services statistics.

The chapter deals on the number of statistics currently generated by the sectoral statistical system. The Department of Science and Technology and its attached agencies have provided most of the data incorporated herein.

Table 18.1	Distribution of Patents Granted to Local Inventors: 1977 to 1990	18-3
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Table 18.1 – DISTRIBUTION OF PATENTS GRANTED TO LOCAL INVENTORS: 1977 to 1990

YEAR	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
	No.	%	No.	%	No.	%	No.	%
1977	715	100	90	13	460	64.3	165	23.1
1978	805	100	106	13	498	61.9	201	25.0
1979	715	100	82	12	465	65.0	168	23.5
1980	889	100	93	11	520	58.5	276	31.0
1981	741	100	69	9	463	62.5	209	28.2
1982	511	100	35	7	318	62.2	158	30.9
1983	449	100	52	12	288	64.1	109	24.3
1984	358	100	29	8	235	65.6	94	26.3
1985	388	100	22	6	294	75.8	72	18.6
1986	440	100	36	8	278	63.2	126	28.6
1987	473	100	44	9	275	58.1	154	32.6
1988	461	100	43	9	192	41.6	226	49.0
1989	387	100	37	10	192	50	158	41
1990	386	100	33	9	196	51	157	41

Source: Bureau of Patents, Trademarks and Technology Transfer.

Table 18.2 – DISTRIBUTION OF PATENTS GRANTED TO FOREIGN INVENTORS: 1977 to 1990

YEAR	TOTAL		INVENTION		UTILITY MODEL		INDUSTRIAL DESIGN	
	No.	%	No.	%	No.	%	No.	%
1977	993	100	969	97.6	6	0.6	18	1.8
1978	834	100	780	93.5	6	0.7	48	5.8
1979	803	100	775	96.5	3	0.4	25	3.1
1980	885	100	811	91.6	14	1.6	60	6.8
1981	806	100	718	89.1	7	0.9	81	10.0
1982	623	100	525	84.3	3	0.5	95	15.2
1983	1,300	100	1,228	94.5	7	0.5	65	5.0
1984	1,120	100	1,098	98.0	2	0.2	20	1.8
1985	1,307	100	1,259	96.3	8	0.6	40	3.1
1986	1,326	100	1,272	95.9	8	0.6	46	3.5
1987	1,307	100	1,182	90.4	7	0.5	118	9.0
1988	1,198	100	1,142	95.3	5	0.4	51	4.3
1989	1,207	100	1,064	88	4	0	139	12
1990	1,259	100	1,059	84	5	0	195	16

Source: Bureau of Patents, Trademarks and Technology Transfer.

Table 18.3 – NUMBER OF NEW AND EXISTING TECHNOLOGIES COMMERICIALIZED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990

SECTOR	New*		Existing**	
	Number	%	Number	%
TOTAL	22	100.00	68	100.00
Agriculture and Natural Resources	7	31.82	4	5.88
Aquatic and Marine Resources	1	4.55	2	2.94
Industry and Energy	12	54.54	60	88.24
Health and Nutrition	2	9.09	2	2.94

* New refers to those technologies that are commercialized for the first time.
** Existing refers to previously commercialized technologies that are again commercialized by other adoptors.

Source: DOST Councils, Institutes and Agencies

Table 18.4 – NUMBER OF NEW AND EXISTING TECHNOLOGIES DIFFUSED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990

SECTOR	New*		Existing**	
	Number	%	Number	%
TOTAL	118	100.00	288	100.00
Agriculture and Natural Resources	19	16.10	95	32.99
Aquatic and Marine Resources	6	5.09	14	4.86
Industry and Energy	77	65.25	141	48.96
Health and Nutrition	16	13.56	20	6.94
Advanced Science and Technology	–	–	18	6.25

* New refers to those technologies that are diffused for the first time.
** Existing refers to previously diffused technologies that are again introduced to other prospective adoptors.

Source: DOST Councils, Institutes and Agencies

Table 18.5 – NUMBER OF NEW AND ONGOING JOINT RESEARCH PROJECTS/VENTURES OF THE DEPARTMENT OF SCIENCE AND TECHNOLOGY WITH THE PRIVATE SECTOR: 1990

SECTOR	New		Ongoing	
	Number	%	Number	%
TOTAL	139	100.00	87	100.00
Agriculture and Natural Resources	73	52.51	11	12.64
Aquatic and Marine Resources	3	2.16	7	8.05
Industry and Energy	58	41.73	60	68.96
Health and Nutrition	2	1.44	8	9.2
Advanced Science and Technology	3	2.16	1	1.15

Source: DOST Councils, Institutes and Agencies

Table 18.6 – NUMBER OF ONGOING AND NEWLY-AWARDED SCHOLARS SUPPORTED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990

SECTOR	Ongoing		Newly-Awarded	
	Number	%	Number	%
TOTAL	1,696	100.00	617	100.00
Agriculture and Natural Resources	42	2.48	10	1.62
Aquatic and Marine Resources	5	0.29	5	0.81
Industry and Energy	4	0.24	20	3.24
Health and Nutrition	7	0.41	4	0.65
Science and Technology (S&T) Support Services	1,595	94.04	501	81.2
Advanced Science and Technology	43	2.54	77	12.48

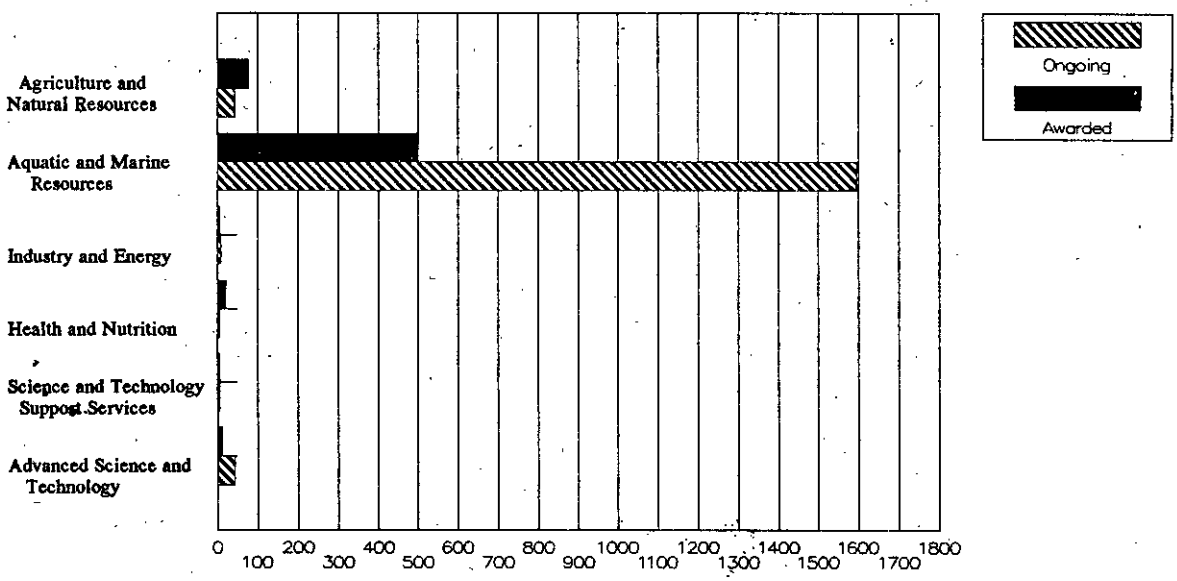
Source: DOST Councils, Institutes and Agencies

Table 18.7 – NUMBER OF R & D PROJECTS COMPLETED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY: 1990

SECTOR	Number	%
TOTAL	1,696	100.00
Agriculture and Natural Resources	42	2.48
Aquatic and Marine Resources	5	0.29
Industry and Energy	4	0.24
Health and Nutrition	7	0.41
Science and Technology (S&T) Support Services	1,595	94.04
Advanced Science and Technology	43	2.54

Source: DOST Councils, Institutes and Agencies

Figure 18.1
NUMBER OF ONGOING AND NEWLY-AWARDED SCHOLARS SUPPORTED BY THE DEPARTMENT OF SCIENCE AND TECHNOLOGY, 1990



19 INTERNATIONAL STATISTICS

This chapter provides a picture of world developments through statistics covering selected countries of the world. These have become very important and so widely used. Each country has recognized increasingly the scope and relevance of its statistics to those of the others in the analysis of its domestic economy. International statistics even bear greater significance in the determination, evaluation and implementation of foreign policy. They provide the necessary information that indicates how a domestic economy is performing in comparison to others.

For selected statistics on: population, growth of Gross Domestic Product (GDP), net material product (world and regions), GDP by kind of economic activityand expenditure, index numbers of food, total agricultural production, index numbers of per capita food and total agricultural production by region data were gathered from the 1987 United Nations Statistical Yearbook. For comparison with other Asian countries in the region, data on GDP, gross domestic investment and savings, resource gap, inflation rate, merchandise exports and imports, current account balance, debt service ratio and trade balance were taken from the Asian Development Outlook 1991.

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Figure 19.1
INFLATION RATE OF SELECTED ASIAN COUNTRIES
1990

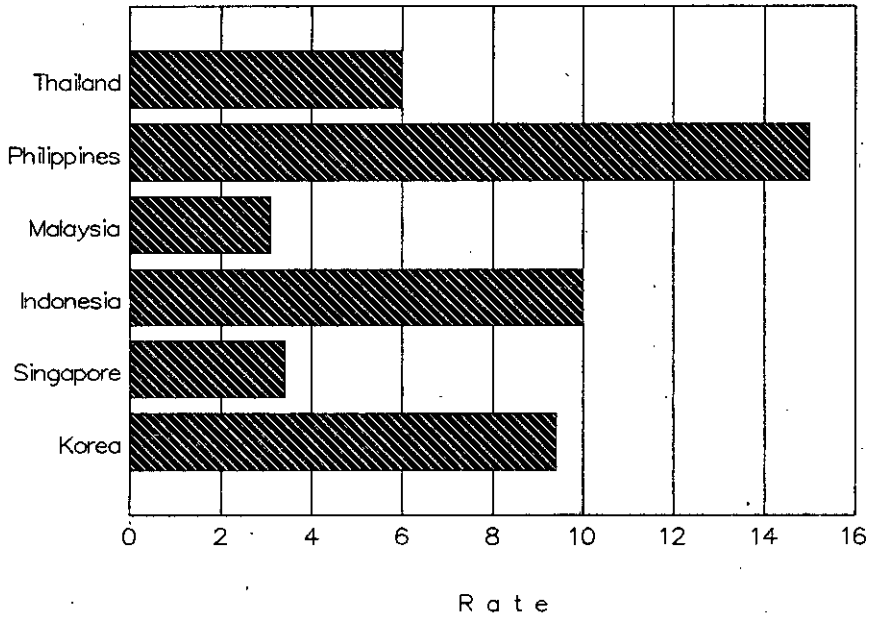

Figure 19.2
TRADE BALANCE OF SELECTED ASIAN COUNTRIES
1990

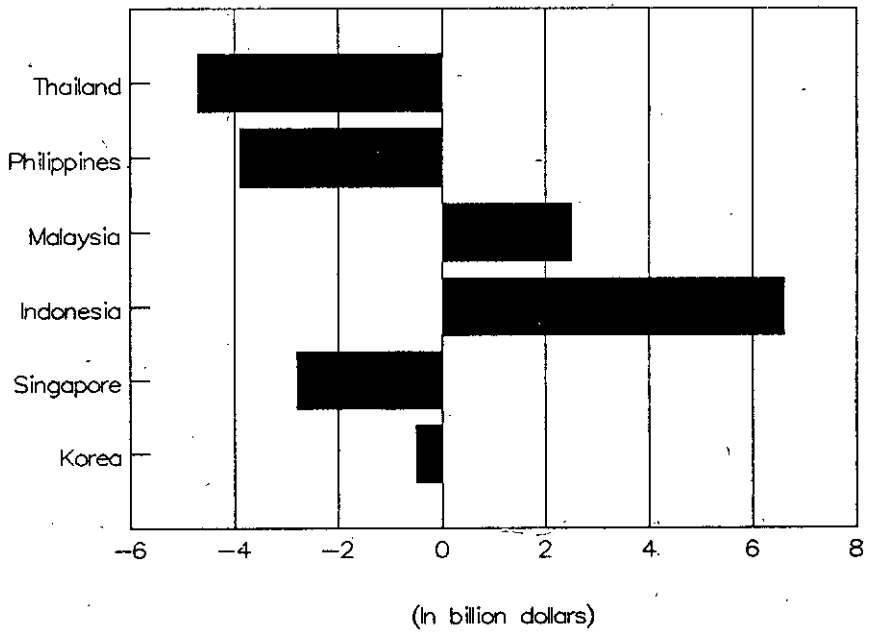

Table 19.1 – POPULATION, RATE OF INCREASE, BIRTH AND DEATH RATES, MACRO REGIONS AND REGIONS;

Macro Regions and Regions	Population				
	1970	1975	1980	1985	1988
WORLD TOTAL	3,698	4,079	4,450	4,854	5,112
AFRICA	363	415	481	557	610
Eastern Africa	108	124	144	167	183
Middle Africa	39	45	52	60	66
Northern Africa	83	94	108	124	135
Southern Africa	26	29	32	36	39
Western Africa	106	124	144	169	187
NORTHERN AMERICA [2]	226	239	252	265	272
LATIN AMERICA	285	322	362	404	430
Caribbean	25	27	29	31	33
Central America	70	81	93	105	112
South America	191	214	240	268	285
ASIA [3,4]	2,101	2,353	2,583	2,834	2,996
Eastern Asia [3]	988	1,096	1,176	1,249	1,299
Southern Asia	754	849	948	1,070	1,148
Southeastern Asia	287	324	360	401	425
Western Asia [4]	74	85	98	114	124
EUROPE [3,4]	460	474	484	492	496
Eastern Europe	103	106	109	112	113
Northern Europe	80	82	82	83	84
Southern Europe	128	133	139	142	144
Western Europe	148	152	154	155	156
OCEANIA [2]	19.3	21.1	22.8	24.6	25.7
Australia and New Zealand	15.4	16.7	17.8	19.0	19.7
Melanesia	3.3	3.7	4.2	4.8	5.2
Micronesia	0.3	0.3	0.3	0.3	0.4
Polynesia	0.4	0.4	0.5	0.5	0.5
USSR	243	255	266	277	284

Notes: Unless otherwise specified all figures are estimates of the order of magnitude and are subject to a substantial margin of error. Totals may not add up due to rounding.

1 – Population per square kilometre of surface area. Figures are merely the quotients of population divided by surface area and are not to be considered as either reflecting density in the urban sense or as indicating the supporting power of a territory's land and resources.

2 – Hawaii, a state of the United States of America, is included in Northern America rather than Oceania.

3 – Excluding the USSR, shown separately.

4 – The European portion of Turkey is included in Western Asia rather than Europe.

Source: 1987 United Nations Statistical Yearbook

SURFACE AREA AND DENSITY FOR THE WORLD, SELECTED YEARS

Annual rate of increase %	Birth Rate	Death Rate	Surface Area (km)	Density
1985 – 1988	1985 – 1988	1985 – 1988	1988	1988
1.7	27	10	135,791	38
3.0	45	15	30,305	20
3.1	48	17	6,354	29
2.9	45	16	6,613	10
2.7	38	11	8,525	16
2.3	33	10	2,675	15
3.3	49	17	6,138	30
0.8	15	9	21,525	13
2.1	29	8	20,535	21
1.5	25	8	235	139
2.3	31	6	2,481	45
2.1	29	8	17,819	16
1.9	28	9	27,582	109
1.3	20	7	11,763	110
2.3	35	12	6,781	196
1.9	29	10	4,493	95
2.8	35	8	4,545	27
0.2	13	11	4,933	100
0.3	15	11	990	114
0.2	13	12	1,628	51
0.3	13	10	1,316	109
0.1	12	11	999	156
1.4	20	8	8,509	3
1.1	15	8	7,958	2
2.6	37	10	541	10
1.7	32	6	3	122
1.6	34	5	7	77
0.8	18	11	22,402	13

Table 19.2 – GROWTH OF GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT, WORLD AND REGIONS 1975 TO 1987

Region	Years	Gross Domestic Product-Net Material Product Total	Per Capita	Agriculture	Industrial Activity	Construction	Wholesale and Retail Trade	Transport and Communication
World	1975-80	3.9	2.3	1.2	4.1	2.4	3.8	5.0
	1980-87	2.9	1.3	2.9	3.1	1.2	3.0	3.0
	1979	3.5	2.0	(0.4)	4.6	0.7	3.5	5.1
	1980	2.2	0.7	0.7	0.7	0.6	2.2	3.0
	1981	1.8	0.2	3.7	0.0	(1.1)	2.3	1.8
	1982	0.7	(0.9)	4.8	(0.4)	(1.7)	0.7	0.2
	1983	2.7	1.1	1.4	3.1	(0.4)	3.0	3.1
	1984	4.4	2.8	4.0	6.2	1.6	4.5	4.5
	1985	3.5	1.9	2.0	4.2	2.6	3.2	3.5
	1986	3.0	1.5	3.0	2.2	3.8	3.5	3.3
	1987	3.4	1.9	1.0	4.4	3.6	3.0	4.4
Developed regions, SNA Countries	1975-80	3.4	2.7	1.1	3.7	1.4	3.6	4.4
	1980-87	2.7	2.1	2.1	2.9	0.3	3.2	2.8
	1979	3.2	2.4	2.2	4.0	0.4	3.5	5.0
	1980	1.4	0.6	0.2	0.3	(1.6)	0.9	2.4
	1981	1.6	0.9	4.1	0.9	(3.1)	1.2	0.7
	1982	(0.2)	(0.9)	4.1	(1.6)	(2.8)	0.7	(1.1)
	1983	2.7	2.0	(4.9)	3.7	(1.1)	3.2	3.1
	1984	4.6	4.0	6.5	6.9	1.3	5.1	5.0
	1985	3.3	2.7	3.5	3.7	1.2	3.4	3.1
	1986	2.7	2.1	2.0	0.9	3.2	4.1	2.8
	1987	3.3	2.7	0.1	3.5	3.9	3.3	4.9
MPS countries	1975-80	4.8	3.5	0.7	5.6	2.8	4.4	4.1
	1980-87	5.1	3.9	4.3	5.4	5.4	3.4	4.1
	1979	3.8	2.6	(1.2)	4.6	0.4	2.8	1.4
	1980	4.0	2.8	(2.5)	4.7	3.8	3.7	4.2
	1981	3.1	1.8	2.0	2.5	1.8	4.4	3.9
	1982	4.2	2.9	8.1	3.1	1.6	0.2	3.5
	1983	5.6	4.5	6.6	5.1	6.4	4.3	4.6
	1984	5.5	4.5	5.0	6.2	4.1	4.2	2.9
	1985	5.8	4.8	(0.1)	7.4	6.4	5.1	4.9
	1986	5.0	3.8	5.4	5.3	10.8	3.1	5.4
	1987	4.6	3.3	1.1	6.6	5.8	1.8	2.9
Developing regions (SNA only)	1975-80	3.7	0.7	0.0	4.6	4.7	2.6	5.5
	1980-87	1.3	(1.6)	1.1	(0.1)	3.4	1.0	1.6
	1979	2.5	(1.2)	(4.7)	8.3	2.3	(1.3)	6.8
	1980	4.8	1.7	3.0	(0.7)	3.0	8.7	6.3
	1981	0.2	(2.7)	2.0	(9.9)	5.6	5.8	9.1
	1982	2.5	(0.5)	4.9	1.8	(1.4)	3.0	5.4
	1983	(0.1)	(3.0)	(2.2)	1.4	(4.0)	(0.2)	(1.4)
	1984	0.4	(2.5)	(2.9)	1.0	7.9	(1.7)	(2.1)
	1985	3.8	0.8	1.8	2.4	23.1	1.2	2.3
	1986	1.6	(1.4)	5.8	(2.3)	(6.6)	0.7	1.5
	1987	0.3	(2.6)	1.2	0.6	(4.5)	1.3	1.9

Source: 1987 United Nations Statistical Yearbook.

Table 19.2 – GROWTH OF GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT, WORLD AND REGIONS 1975 TO 1987 (continued)

Region	Years	Gross Domestic Product-Net Material Product Total	Per Capita	Agriculture	Industrial Activity	Construction	Wholesale and Retail Trade	Transport and Communication
Carribean., Latin America	1975-80	5.1	2.7	3.3	4.7	5.3	5.2	7.0
	1980-87	1.4	(0.7)	2.0	1.6	(2.6)	0.2	2.1
	1979	6.3	3.9	2.2	7.7	3.0	8.0	8.0
	1980	5.2	2.9	3.3	3.8	5.7	5.7	6.6
	1981	0.7	(1.5)	4.6	(3.1)	0.1	1.3	3.4
	1982	(1.1)	(3.3)	0.1	(1.7)	(7.7)	(3.1)	(0.8)
	1983	(1.9)	(4.0)	0.6	(1.5)	(12.8)	(3.6)	(1.2)
	1984	3.5	1.3	3.3	5.3	(2.5)	3.1	4.0
	1985	2.8	0.6	3.8	3.1	3.1	1.3	3.1
	1986	3.7	1.5	(2.3)	5.3	4.9	2.1	3.5
	1987	2.3	0.2	6.2	1.5	1.9	1.3	4.7
Eastern, Southeastern and Southern Asia Ex. Japan	1975-80	6.3	4.4	1.6	9.1	7.8	6.4	8.7
	1980-87	7.2	5.2	4.9	8.8	7.2	6.9	8.2
	1979	4.2	2.4	1.0	6.6	2.0	4.1	6.7
	1980	5.8	3.9	2.1	6.7	14.8	5.1	6.2
	1981	5.9	3.9	6.7	3.4	5.2	8.7	6.4
	1982	5.4	3.4	5.9	3.4	4.0	4.7	9.0
	1983	7.9	6.0	6.9	8.7	11.4	7.6	7.4
	1984	8.3	6.3	7.4	11.7	4.8	6.8	7.6
	1985	7.6	5.8	2.1	11.4	8.5	7.8	9.3
	1986	6.4	4.4	2.2	8.8	7.5	6.0	9.2
	1987	7.8	5.9	2.4	11.4	8.6	7.8	7.7
Western Asia	1975-80	3.3	0.4	2.8	0.2	3.9	0.5	9.7
	1980-87	(0.8)	(4.0)	3.5	(4.0)	(3.4)	3.7	3.1
	1979	3.6	0.6	0.7	4.4	(1.2)	(1.3)	10.6
	1980	(1.2)	(4.2)	4.3	(11.6)	6.1	1.4	(1.4)
	1981	0.0	(3.1)	5.4	(11.5)	6.1	20.1	1.0
	1982	2.3	(1.0)	6.4	(0.6)	6.5	7.2	3.3
	1983	(2.0)	(5.2)	(0.8)	(11.2)	(1.6)	14.7	4.7
	1984	0.2	(3.1)	2.9	(0.5)	(2.8)	1.7	5.6
	1985	(2.7)	(5.8)	5.8	(4.4)	(9.2)	(3.5)	4.2
	1986	(3.0)	(6.0)	4.3	(4.2)	(10.8)	(6.0)	1.6
	1987	1.1	(1.9)	0.9	7.7	(8.2)	(1.8)	(3.1)
Oceania	1975-80	2.2	0.7	1.1	2.3	1.2	1.0	5.4
	1980-87	3.4	1.8	4.2	2.8	1.9	1.7	3.6
	1979	2.0	0.5	(7.1)	3.0	0.8	3.3	3.6
	1980	2.6	1.1	(5.8)	1.8	6.9	2.2	6.7
	1981	2.5	0.9	11.3	2.3	4.6	4.7	3.1
	1982	(0.8)	(2.3)	(15.3)	(3.6)	(8.9)	(3.9)	(1.4)
	1983	4.7	3.0	27.1	3.5	0.0	2.5	3.0
	1984	5.2	3.6	0.8	7.5	8.0	5.5	6.1
	1985	4.2	2.7	1.9	6.0	6.0	2.4	4.9
	1986	2.8	1.3	5.7	(0.7)	(1.1)	(1.5)	3.4
	1987	3.7	2.2	0.5	2.2	6.4	1.6	6.5

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT 1975

Region	Year	GROSS DOMESTIC PRODUCT		
		Total	Per Capita	Agriculture
Developed regions, SNA countries	1975-80	3.4	2.7	1.1
	1980-87	2.7	2.1	2.1
	1979	3.2	2.4	2.2
	1980	1.4	0.6	0.2
	1981	1.6	0.9	4.1
	1982	(0.2)	(0.9)	4.1
	1983	2.7	2.0	(4.9)
	1984	4.6	4.0	6.5
	1985	3.3	2.7	3.5
	1986	2.7	2.1	2.0
	1987	3.3	2.7	0.1
Northern America	1975-80	3.5	2.4	0.6
	1980-87	3.2	2.2	3.2
	1979	2.1	1.1	4.4
	1980	0.1	(1.1)	(1.3)
	1981	2.4	1.3	14.5
	1982	(2.6)	(3.6)	1.6
	1983	3.9	2.8	(16.4)
	1984	7.1	6.0	11.9
	1985	3.8	2.9	13.4
	1986	3.0	2.1	4.8
	1987	3.6	2.7	(0.8)
Europe	1975-80	3.4	2.8	1.1
	1980-87	2.3	1.8	1.8
	1979	3.5	2.9	(2.2)
	1980	2.0	1.5	(0.2)
	1981	0.7	0.2	(1.0)
	1982	1.4	0.9	6.7
	1983	2.3	1.8	2.3
	1984	2.6	2.1	1.7
	1985	2.8	2.3	(1.6)
	1986	3.0	2.5	4.4
	1987	2.7	2.2	(1.5)
European Economic Community	1975-80	3.1	2.7	2.4
	1980-87	1.9	1.6	1.9
	1979	3.5	3.1	1.9
	1980	1.2	0.9	3.6
	1981	0.1	(0.2)	(0.3)
	1982	0.9	0.6	7.8
	1983	1.6	1.3	(1.5)
	1984	2.3	2.1	5.7
	1985	2.4	2.2	(0.9)
	1986	2.5	2.3	1.3
	1987	2.7	2.6	(0.2)

Source: 1987 United Nations Statistical Yearbook.

BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS
to 1987

INDUSTRIAL ACTIVITY					
Total	Manufacturing	Construction	Wholesale and Retail Trade	Transport and Communication	Others
3.7	3.9	1.4	3.6	4.4	3.8
2.9	3.1	0.3	3.2	2.8	3.0
4.0	3.8	0.4	3.5	5.0	4.0
0.3	(0.2)	(1.6)	0.9	2.4	2.9
0.9	0.7	(3.1)	1.2	0.7	2.7
(1.6)	(1.8)	(2.8)	0.7	(1.1)	1.5
3.7	4.1	(1.1)	3.2	3.1	2.7
6.9	7.4	1.3	5.1	5.0	3.6
3.7	3.9	1.2	3.4	3.1	3.7
0.9	1.4	3.2	4.1	2.8	3.5
3.5	4.1	3.9	3.3	4.9	3.1
3.6	4.3	2.2	3.3	5.2	3.5
3.2	4.0	2.1	4.3	2.7	2.9
2.3	2.3	(1.4)	2.3	4.4	3.3
(2.7)	(4.4)	(5.5)	(1.6)	(0.7)	2.2
2.4	2.1	(6.4)	1.3	(1.1)	2.8
(5.9)	(6.7)	(3.8)	(0.6)	(3.7)	0.4
4.4	6.1	3.5	4.3	4.9	2.5
11.3	12.2	6.2	8.6	5.6	3.5
3.2	4.2	4.0	5.5	2.1	4.0
0.5	2.4	4.3	5.0	3.4	3.5
4.1	4.5	2.0	2.8	6.5	3.8
3.7	2.9	1.3	2.9	4.5	3.7
2.4	1.3	1.3	2.2	2.7	2.7
4.4	3.9	0.9	2.8	5.2	3.8
1.5	(0.1)	1.2	1.2	3.6	3.2
0.1	(1.6)	(2.1)	0.9	2.1	2.3
0.6	(0.7)	(0.7)	0.5	1.0	2.1
2.8	1.5	1.5	2.2	2.3	2.1
3.0	2.5	0.4	3.0	3.5	3.1
3.5	2.4	1.2	2.4	3.2	3.0
2.6	1.1	5.2	3.1	3.1	3.5
3.3	2.2	3.9	2.2	3.4	2.9
3.0	2.9	0.5	2.6	4.9	3.7
1.3	1.2	(0.4)	2.1	2.7	2.8
4.3	3.7	0.7	2.7	7.0	3.8
(0.4)	(0.6)	0.5	(0.6)	3.1	3.1
(1.4)	(1.9)	(4.5)	0.1	1.8	2.4
(0.6)	(0.7)	(1.9)	0.8	1.0	2.1
1.8	1.5	(0.4)	1.8	1.7	2.1
1.9	2.2	(1.3)	3.0	3.9	3.1
2.6	2.2	(0.4)	2.1	3.6	3.0
1.4	1.0	2.5	3.4	2.6	3.6
2.2	2.3	3.6	3.0	4.3	2.8

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT 1975

Region	Years	GROSS DOMESTIC PRODUCT		
		Total	Per Capita	Agriculture
Other Europe	1975-80	3.0	2.5	1.9
	1980-87	2.0	1.6	0.8
	1979	4.4	3.9	5.1
	1980	3.3	2.9	3.1
	1981	0.6	0.1	(0.4)
	1982	0.6	0.1	7.1
	1983	1.8	1.3	0.0
	1984	2.9	2.4	3.0
	1985	3.0	2.6	(4.0)
	1986	2.5	2.1	1.3
	1987	1.7	1.4	(2.4)
Developing regions (SNA only) – Regions	1975-80	3.7	0.7	0.0
	1980-87	1.3	(1.6)	1.1
	1979	2.5	(1.2)	(4.7)
	1980	4.8	1.7	3.0
	1981	0.2	(2.7)	2.0
	1982	2.5	(0.5)	4.9
	1983	(0.1)	(3.0)	(2.2)
	1984	0.4	(2.5)	(2.9)
	1985	3.8	0.8	1.8
	1986	1.6	(1.4)	5.8
	1987	0.3	(2.6)	1.2
Carib., Latin America	1975-80	5.1	2.7	3.3
	1980-87	1.4	(0.7)	2.0
	1979	6.3	3.9	2.2
	1980	5.2	2.9	3.3
	1981	0.7	(1.5)	4.6
	1982	(1.1)	(3.3)	0.1
	1983	(1.9)	(4.0)	0.6
	1984	3.5	1.3	3.3
	1985	2.8	0.6	3.8
	1986	3.7	1.5	(2.3)
	1987	2.3	0.2	6.2
Eastern, Southeastern and Southern Asia, Ex. Japan	1975-80	6.3	4.4	1.6
	1980-87	7.2	5.2	4.9
	1979	4.2	2.4	1.0
	1980	5.8	3.9	2.1
	1981	5.9	3.9	6.7
	1982	5.4	3.4	5.9
	1983	7.9	6.0	6.9
	1984	8.3	6.3	7.4
	1985	7.6	5.8	2.1
	1986	6.4	4.4	2.2
	1987	7.8	5.9	2.4

BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS to 1987 (continued)

INDUSTRIAL ACTIVITY					
Total	Manufacturing	Construction	Wholesale and Retail Trade	Transport and Communication	Others
3.8	2.8	2.9	2.4	4.4	3.8
2.7	2.1	0.6	2.1	2.6	2.5
6.5	5.7	3.3	4.4	4.7	3.8
4.3	3.3	4.6	3.4	5.7	3.6
0.1	(0.1)	0.2	1.1	0.8	1.6
(0.9)	(1.1)	(0.7)	1.7	(1.1)	1.8
3.1	2.0	1.0	2.2	1.3	2.4
4.9	4.4	1.1	1.9	5.1	2.9
4.3	3.9	0.6	2.7	3.2	2.8
1.9	1.9	0.8	3.3	4.6	2.4
3.0	1.8	1.1	1.0	3.2	3.3
4.6	4.8	4.7	2.6	5.5	5.2
(0.1)	2.0	3.4	1.0	1.6	2.3
8.3	5.3	2.3	(1.3)	6.8	3.6
(0.7)	8.5	3.0	8.7	6.3	7.8
(9.9)	5.9	5.6	5.8	9.1	5.9
1.8	3.2	(1.4)	3.0	5.4	1.1
1.4	(1.0)	(4.0)	(0.2)	(1.4)	3.7
1.0	1.7	7.9	(1.7)	(2.1)	0.9
2.4	2.4	23.1	1.2	2.3	1.9
(2.3)	3.1	(6.6)	0.7	1.5	2.1
0.6	1.1	(4.5)	1.3	1.9	2.6
4.7	4.9	5.3	5.2	7.0	4.9
1.6	1.3	(2.6)	0.2	2.1	2.2
7.7	7.8	3.0	8.0	8.0	5.0
3.8	4.4	5.7	5.7	6.6	5.6
(3.1)	(5.5)	0.1	1.3	3.4	3.4
(1.7)	(2.3)	(7.7)	(3.1)	(0.8)	0.7
(1.5)	(2.4)	(12.8)	(3.6)	(1.2)	0.7
5.3	5.0	(2.5)	3.1	4.0	2.8
3.1	3.0	3.1	1.3	3.1	2.5
5.3	6.3	4.9	2.1	3.5	3.6
1.5	2.1	1.9	1.3	4.7	2.4
9.1	9.8	7.8	6.4	8.7	7.0
8.8	9.8	7.2	6.9	8.2	6.3
6.6	7.3	2.0	4.1	6.7	6.4
6.7	8.0	14.8	5.1	6.2	6.7
3.4	3.9	5.2	8.7	6.4	7.1
3.4	4.8	4.0	4.7	9.0	6.6
8.7	9.3	11.4	7.6	7.4	5.6
11.7	12.4	4.8	6.8	7.6	6.1
11.4	13.1	8.5	7.8	9.3	6.0
8.8	9.6	7.5	6.0	9.2	6.2
11.4	12.9	8.6	7.8	7.7	7.4

Table 19.3 – GROWTH OF GROSS DOMESTIC PRODUCT
1975

Region	Years	GROSS DOMESTIC PRODUCT		
		Total	Per Capita	Agriculture
Western Asia	1975-80	3.3	0.4	2.8
	1980-87	(0.8)	(4.0)	3.5
	1979	3.6	0.6	0.7
	1980	(1.2)	(4.2)	4.3
	1981	0.0	(3.1)	5.4
	1982	2.3	(1.0)	6.4
	1983	(2.0)	(5.2)	(0.8)
	1984	0.2	(3.1)	2.9
	1985	(2.7)	(5.8)	5.8
	1986	(3.0)	(6.0)	4.3
	1987	1.1	(1.9)	0.9
Oceania	1975-80	2.2	0.7	1.1
	1980-87	3.4	1.8	4.2
	1979	2.0	0.5	(7.1)
	1980	2.6	1.1	(5.8)
	1981	2.5	0.9	11.3
	1982	(0.8)	(2.3)	(15.3)
	1983	4.7	3.0	27.1
	1984	5.2	3.6	0.8
	1985	4.2	2.7	1.9
	1986	2.8	1.3	5.7
	1987	3.7	2.2	0.5

BY KIND OF ECONOMIC ACTIVITY, SNA COUNTRIES BY REGIONS to 1987 (continued)

INDUSTRIAL ACTIVITY					
Total	Manufacturing	Construction	Wholesale and Retail Trade	Transport and Communication	Others
0.2	3.5	3.9	0.5	9.7	6.5
(4.0)	5.1	(3.4)	3.7	3.1	0.9
4.4	0.0	(1.2)	(1.3)	10.6	5.1
(11.6)	1.9	6.1	1.4	(1.4)	4.8
(11.5)	8.3	6.1	20.1	1.0	2.8
(0.6)	7.0	6.5	7.2	3.3	2.8
(11.2)	8.8	(1.6)	14.7	4.7	3.6
(0.5)	7.2	(2.8)	1.7	5.6	0.7
(4.4)	1.4	(9.2)	(3.5)	4.2	0.5
(4.2)	1.8	(10.8)	(6.0)	1.6	(3.0)
7.7	(0.3)	(8.2)	(1.8)	(3.1)	(2.3)
2.3	2.2	1.2	1.0	5.4	3.2
2.8	1.5	1.9	1.7	3.6	3.6
3.0	4.4	0.8	3.3	3.6	3.1
1.8	1.5	6.9	2.2	6.7	4.4
2.3	3.4	4.6	4.7	3.1	3.4
(3.6)	(6.9)	(8.9)	(3.9)	(1.4)	2.0
3.5	1.7	0.0	2.5	3.0	3.8
7.5	6.2	8.0	5.5	6.1	4.1
6.0	2.5	6.0	2.4	4.9	4.3
(0.7)	0.1	(1.1)	(1.5)	3.4	3.4
2.2	3.9	6.4	1.6	6.5	3.4

Table 19.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: SNA COUNTRIES BY REGIONS 1975 TO 1987

Region	Years	Gross Domestic Product	Government Final Consumption Expenditure	Private Final Consumption Expenditure	Gross Fixed Capital Formation	Exports of Goods and Services	Less Imports of Goods and Services
Developed regions, SNA Countries	1975-80	3.4	2.5	3.3	3.6	6.1	5.3
	1980-87	2.7	2.7	2.9	2.8	3.9	4.6
	1979	3.2	2.6	3.4	3.5	6.2	7.7
	1980	1.4	2.2	0.9	-0.6	4.5	-1.0
	1981	1.6	2.0	1.1	-0.7	3.9	-0.5
	1982	-0.2	1.9	1.3	-4.0	-0.7	-0.6
	1983	2.7	2.4	3.1	2.7	2.7	3.2
	1984	4.6	2.9	3.0	6.7	9.1	10.7
	1985	3.3	3.3	3.5	4.6	4.6	4.0
	1986	2.7	3.5	3.9	3.0	1.6	6.5
	1987	3.3	2.3	3.3	5.4	4.9	7.0
Northern America	1975-80	3.5	1.7	3.3	5.4	7.2	6.0
	1980-87	3.2	3.6	3.7	4.4	3.1	8.5
	1979	2.1	1.8	2.2	2.9	7.9	2.9
	1980	0.1	1.4	-0.1	-5.3	9.0	-5.9
	1981	2.4	1.2	1.6	1.1	0.6	3.6
	1982	-2.6	2.4	0.8	-9.0	-6.9	-4.9
	1983	3.9	3.3	4.9	7.7	-0.3	11.6
	1984	7.1	4.2	4.8	14.4	9.3	22.0
	1985	3.8	5.0	4.7	7.0	3.6	5.5
	1986	3.0	4.5	4.3	1.3	5.2	9.6
	1987	3.6	2.8	2.8	3.7	12.9	7.1
Europe	1975-80	3.4	2.9	3.1	2.1	5.6	5.4
	1980-87	2.3	1.9	1.9	0.8	3.7	3.4
	1979	3.5	3.2	3.4	3.5	6.1	9.3
	1980	2.0	2.3	1.5	1.8	1.8	1.4
	1981	0.7	2.0	0.2	-4.5	3.8	-3.1
	1982	1.4	1.5	0.8	-2.3	1.0	1.0
	1983	2.3	1.6	1.4	0.2	2.9	1.2
	1984	2.6	1.6	1.3	1.5	7.4	6.1
	1985	2.8	2.1	2.6	2.1	4.7	4.4
	1986	3.0	2.5	3.9	3.4	1.4	5.8
	1987	2.7	2.2	3.4	4.5	3.3	6.7
European Economic Community	1975-80	3.1	2.8	3.2	2.3	5.5	5.6
	1980-87	1.9	1.8	2.0	0.8	3.7	3.5
	1979	3.5	3.1	3.8	3.5	6.2	9.5
	1980	1.2	2.3	1.5	1.7	1.4	1.1
	1981	0.1	2.0	0.3	-5.2	4.0	-3.0
	1982	0.9	1.4	0.8	-2.0	1.2	1.4
	1983	1.6	1.6	1.5	0.2	2.6	1.2
	1984	2.3	1.5	1.4	1.5	7.5	6.1
	1985	2.4	2.0	2.5	2.3	4.6	4.1
	1986	2.5	2.5	3.9	3.4	1.6	5.9
	1987	2.7	2.2	3.6	4.5	3.6	7.4

Source: 1987 United Nations Statistical Yearbook.

Table 19.4 – GROWTH OF GROSS DOMESTIC PRODUCT BY TYPE OF EXPENDITURE: SNA COUNTRIES BY REGIONS 1975 TO 1987 (continued)

Region	Years	Gross Domestic Product	Government Final Consumption Expenditure	Private Final Consumption Expenditure	Gross Fixed Capital Formation	Exports of Goods and Services	Less Imports of Goods and Services
Other Europe	1975-80	3.0	3.5	2.4	1.3	6.0	4.2
	1980-87	2.0	2.1	1.4	0.9	3.4	3.0
	1979	4.4	3.8	0.9	3.4	5.4	9.3
	1980	3.3	2.5	1.1	3.0	3.9	3.0
	1981	0.6	2.0	-0.9	-0.4	2.3	-3.9
	1982	0.6	1.6	1.1	-3.9	-0.1	-0.9
	1983	1.8	1.9	0.2	0.7	4.5	1.4
	1984	2.9	1.8	0.2	2.2	6.7	6.1
	1985	3.0	2.7	3.0	1.0	5.3	6.0
	1986	2.5	2.6	3.7	3.3	0.7	5.4
	1987	1.7	2.2	1.6	4.2	1.5	3.0
Developing regions (SNA only)	1975-80	3.7	5.5	1.9	4.3	5.3	4.0
	1980-87	1.3	1.9	2.4	-3.1	-0.3	-2.9
	1979	2.5	-2.6	-5.1	-2.0	10.7	-5.0
	1980	4.8	3.8	3.9	8.5	4.1	13.2
	1981	0.2	6.7	9.9	6.1	-15.1	6.1
	1982	2.5	2.9	4.3	-7.1	-1.2	-11.4
	1983	-0.1	4.6	-1.8	-6.3	-3.9	-12.8
	1984	0.4	-2.2	1.6	-6.2	5.1	4.4
	1985	3.8	1.3	4.9	2.2	4.9	1.5
	1986	1.6	0.8	0.8	-4.6	-0.9	-5.1
	1987	0.3	2.6	0.2	0.5	3.2	4.9
Carib., Latin America	1975-80	5.1	5.0	5.5	5.1	6.0	6.8
	1980-87	1.4	1.9	1.2	-4.1	3.8	-4.3
	1979	6.3	7.0	7.3	4.6	8.2	7.9
	1980	5.2	3.9	5.8	6.8	1.7	10.4
	1981	0.7	3.7	0.3	-2.0	4.6	1.2
	1982	-1.1	0.4	-0.7	-13.0	-0.8	-14.7
	1983	-1.9	0.7	-2.2	-18.9	6.3	-20.1
	1984	3.5	3.1	1.8	-0.4	7.9	4.5
	1985	2.8	0.6	2.7	3.9	2.9	-0.6
	1986	3.7	2.8	5.1	6.5	0.9	5.0
	1987	2.3	3.3	1.5	2.6	4.0	5.1
Eastern, Southeastern and Southern Asia, Ex. Japan	1975-80	6.3	7.7	6.0	10.3	11.1	12.8
	1980-87	7.2	5.9	4.7	3.9	8.5	5.6
	1979	4.2	5.8	3.4	6.0	9.4	14.1
	1980	5.8	8.9	6.8	8.5	11.4	6.7
	1981	5.9	7.5	4.9	7.2	3.8	8.3
	1982	5.4	7.5	3.8	6.1	2.8	3.1
	1983	7.9	3.3	6.5	5.0	9.2	7.7
	1984	8.3	3.7	4.8	1.7	12.6	3.3
	1985	7.6	7.9	3.2	-0.1	1.1	-2.4
	1986	6.4	7.0	4.4	4.4	15.9	11.3
	1987	7.8	6.2	5.2	7.1	16.8	16.6

Table 19.5 – INDEX NUMBERS OF FOOD AND TOTAL AGRICULTURAL PRODUCTION, BY REGION 1978 TO 1987
1979–81 = 100

Regions	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
A. FOOD PRODUCTION										
World	98	98	99	102	106	106	111	114	116	115
Developed Market Economies	96	99	99	102	104	97	105	107	106	104
North America	95	99	96	106	106	90	102	109	104	100
Western Europe	95	98	102	100	105	103	109	107	108	109
Oceania	109	105	94	101	94	111	106	107	108	107
Other Developed Market Economies	100	100	98	102	100	96	100	104	105	106
Developing Market Economies	96	96	100	104	106	109	112	116	118	117
Africa	97	97	101	102	105	103	104	112	118	114
Latin America	95	97	99	104	107	106	109	114	113	115
Near East	95	96	100	104	109	107	106	113	118	118
Far East	97	95	100	105	105	114	117	120	121	118
Other Developing Market Economies	94	98	99	103	103	99	109	110	111	110
Centrally Planned Economies	101	100	100	100	107	113	118	119	126	127
Asia	92	98	99	102	110	117	126	128	134	138
Europe and USSR	110	103	100	97	105	108	110	110	119	116
B. TOTAL AGRICULTURAL PRODUCTION										
World	97	98	99	103	106	106	111	114	115	115
Developed Market Economies	96	99	98	103	104	97	105	107	105	104
North America	94	99	95	106	105	88	102	108	102	100
Western Europe	95	98	102	100	105	103	109	107	108	109
Oceania	106	103	96	101	95	109	105	108	109	108
Other Developed Market Economies	100	100	98	102	100	96	100	103	103	104
Developing Market Economies	96	96	100	104	105	108	111	116	117	117
Africa	96	97	101	102	105	103	104	112	118	115
Latin America	95	97	99	104	105	105	108	113	111	115
Near East	96	96	100	103	108	107	106	112	116	117
Far East	97	95	100	105	105	113	117	120	121	118
Other Developing Market Economies	94	98	99	103	101	100	108	109	110	111
Centrally Planned Economies	101	100	100	101	109	113	120	120	126	127
Asia	92	97	99	103	112	119	130	131	134	139
Europe and USSR	110	102	100	98	105	108	109	110	118	115

Prepared on the basis of information available as of 7 February 1989.

Note: The index numbers refer to agricultural production which is defined to include both crop and livestock products, seeds and feeds are excluded. The index numbers of food refer to commodities which are considered edible and contain nutrients. Accordingly, together with inedible commodities, coffee and tea are excluded. For further information see the Production Yearbook published by FAO.

Source: Food and Agriculture Organization of the United Nations (FAO).

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